

NOAA DATA REPORT ERL PMEL-62

**CTD MEASUREMENTS DURING 1995 AND 1996 AS PART OF THE
GLOBAL OCEAN-ATMOSPHERE-LAND SYSTEM (GOALS)/PAN AMERICAN
CLIMATE STUDIES (PACS)**

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CTD Measurements During 1995 and 1996 as Part of the Global Ocean-Atmosphere-Land System (GOALS)/Pan American Climate Studies (PACS)

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ABSTRACT. During 1995 and 1996, CTD data were collected in the equatorial Pacific Ocean as part of the Global Ocean-Atmosphere-Land System (GOALS)/Pan American Climate Studies (PACS), follow-up programs to the Tropical Ocean-Global Atmosphere (TOGA) and Equatorial Pacific Ocean Climate Studies (EPOCS). Summaries of Sea-Bird CTD measurements and hydrographic data acquired on fifteen cruises are presented. Composite potential temperature-salinity diagrams and section plots of oceanographic variables along 95°W, 110°W, 125°W, 140°W, 155°W, 170°W, 180°, and 165°E meridionals are given. Profiles including station location, meteorological conditions, and abbreviated CTD data listings are shown for each cast. Hydrographic data are listed for each cruise.

1. Introduction

The Global Ocean-Atmosphere-Land System (GOALS)/Pan American Climate Studies (PACS) Program began in 1995 with scientific objectives to understand and more realistically model (1) the seasonally varying mean climate of the Americas and adjacent ocean regions; (2) the role of boundary processes in forcing season-to-interannual climate variability over the Americas; (3) the coupling between the oceanic mixed layer in the tropical Atlantic and eastern Pacific; and (4) the processes that determine the structure and evolution of the tropical sea-surface temperature field (Piotrowicz, 1995). CTD data are collected in the equatorial Pacific Ocean in conjunction with the maintenance of the Tropical Atmosphere-Ocean (TAO) array.

The TAO array is made up of ATLAS wind and thermistor chain moorings and current meter moorings that record and report data in real time using the ARGOS satellite data telemetry system. A major objective of the TAO array is to facilitate understanding, modeling, and prediction of the global interannual climate fluctuations associated with the El Niño-Southern Oscillation phenomena in the tropical Pacific Ocean. To this end, an ocean observing array has been implemented to initialize, force, and verify ocean prediction models in real time. The TAO array consists of approximately 70 ATLAS moorings and current meter moorings within 8 degrees of the equator spanning the Pacific Basin from 95°W to 137°E. The array is being maintained by the Pacific Marine Environmental Laboratory (PMEL) TAO Project Office as part of the NOAA Ocean Climate Observing System for the Climate and Global Change Program.

The primary objective of TAO cruises is the deployment and recovery of moorings. At a minimum, CTD casts supporting the GOALS/PACS program are conducted at each mooring site to a depth of 1000 m. CTD measurements are used to verify ATLAS temperature sensor data, calculate

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dynamic height, and, at many sites, is the only observation of the equatorial Pacific salinity field. As time allows, additional CTD work is prioritized as follows: (1) 1000-m casts at 1 degree intervals between 8°N and 8°S along each meridional transect, (2) deep casts at mooring sites to a depth within 200 m of the bottom, (3) 1000-m casts every one-half degree of latitude between 3°N and 3°S, and (4) 1000-m casts every degree between 8°N and 11°N along the ship's trackline to/from port. Physical underway operations include Acoustic Doppler Current Profiler (ADCP) measurements, sea surface temperature (SST) and salinity (SSS) measurements, routine weather observations, and upper air soundings.

Summaries of CTD measurements and hydrographic data collected on fifteen cruises during 1995 and 1996 are presented here. Data include meridional sections across the equator along 95°W, 110°W, 125°W, 140°W, 155°W, 170°W, 180°, and 165°E. Figures 1a–o show the cruise track and CTD station locations for each cruise. Tables 1a–o summarize CTD station information for each cruise. Cruise name notation is GPx-yy-zz, where x is the sequential GOALS/PACS cruise number during each year, yy is the year (95 or 96), and zz is the ship code (MB for the NOAA ship *Malcolm Baldrige*, DI for the NOAA ship *Discoverer*, or KA for the NOAA ship *Ka'imimoana*). Sea-Bird 911plus systems are used to acquire CTD data on all cruises. Pressure, temperature, and conductivity are sampled at a rate of 24 Hz. Water samples are collected on the upcast using an electronically fired rosette sampler and analyzed for salinity using an autosalinometer (see section 4). Water sample salinity is used to calibrate CTD conductivity (see section 6).

2. Sea-Bird 911plus CTD System

The Sea-Bird Electronics, Inc. (SBE) 911plus CTD system is designed to be a real-time data system with the CTD data from the SBE 9plus underwater unit being transmitted via a conducting cable to the SBE 11plus deck unit. The serial data from the underwater unit is sent to the deck unit in RS-232 NRZ format. The deck unit decodes the serial data and sends it to a personal computer for display and storage using Sea-Bird SEASOFT software program SEASAVE. The SBE 911plus CTD system transmits data from its primary and auxiliary sensors in the form of binary number equivalents of the frequency or voltage outputs from those sensors. This is referred to as the raw data. The calculations required to convert raw data to engineering units are performed in the software, either in real time, or after the data has been stored in a disk file (Seasoft, 1994).

a. Conductivity

The flow-through conductivity sensing element is a glass tube (cell) with three platinum electrodes. The resistance measured between the center electrode and end electrode pair is determined by the cell geometry and the specific conductance of the fluid within the cell, and controls the output frequency of a Wien Bridge circuit. The sensor has a frequency output of approximately 3 to 12 kHz corresponding to conductivity from 0 to 7 Siemens/meter (0 to 70 mmho/

cm). The SBE conductivity sensor has a typical accuracy/stability of ± 0.0003 S/m/month, and resolution of 0.00004 S/m at 24 Hz.

Pre-cruise sensor calibrations are performed at Sea-Bird Electronics, Inc. in Bellevue, Washington. Conductivity calibration certificates show an equation containing the appropriate pressure-dependent correction term to account for the effect of hydrostatic loading (pressure) on the conductivity cell:

$$C(\text{S/m}) = (af^m + bf^2 + c + dt) / [10 (1 - 9.57e-08 p)]$$

where $a, b, c, d,$ and m are calibration coefficients, f is the instrument frequency (kHz), t is the water temperature ($^{\circ}\text{C}$), and p is the water pressure (db). SEASOFT automatically implements this equation.

b. Temperature

The temperature sensing element is a glass-coated thermistor bead, pressure-protected by a stainless steel tube. The sensor output frequency ranges from approximately 5 to 13 kHz corresponding to temperature from -5 to 35 degrees Celsius. The output frequency is inversely proportional to the square root of the thermistor resistance which controls the output of a patented Wien Bridge circuit. The thermistor resistance is exponentially related to temperature. The SBE thermometer has a typical accuracy/stability of $\pm 0.004^{\circ}\text{C}$ per year; and resolution of 0.0003°C at 24 Hz. The SBE thermometer has a fast response time of 0.070 seconds.

Pre-cruise sensor calibrations are performed at Sea-Bird Electronics, Inc. Temperature (IPTS-68) is computed according to

$$T (^{\circ}\text{C}) = 1 / \{ a + b[\ln(f_0/f)] + c[\ln^2(f_0/f)] + d[\ln^3(f_0/f)] \} - 273.15$$

where $a, b, c, d,$ and f_0 are calibration coefficients and f is the instrument frequency (kHz). SEASOFT automatically implements this equation.

c. Pressure

The Paroscientific series 4000 Digiquartz high pressure transducer uses a quartz crystal resonator whose frequency of oscillation varies with pressure-induced stress measuring changes in pressure as small as 0.01 parts per million with an absolute range of 0 to 10,000 psia (0 to 6885 decibars). Also, a quartz crystal temperature signal is used to compensate for a wide range of temperature changes. Repeatability, hysteresis, and pressure conformance are 0.005% FS. The nominal pressure frequency (0 to full scale) is 34 to 38 kHz. The nominal temperature frequency is 172 kHz + 50 ppm/ $^{\circ}\text{C}$.

Periodic sensor calibrations are performed at Sea-Bird Electronics, Inc. Pressure coefficients are first formulated into

$$\begin{aligned}c &= c1 + c2*U + c3*U^2 \\d &= d1 + d2*U \\t0 &= t1 + t2*U + t3*U^2 + t4*U^3 + t5*U^4\end{aligned}$$

where U is temperature in degrees Celsius. Then pressure is computed according to

$$P \text{ (psia)} = c * [1 - (t0^2/t^2)] * \{1 - d[1 - (t0^2/t^2)]\}$$

where *t* is pressure period (μsec). SEASOFT automatically implements this equation.

3. Data Acquisition

The package enters the water and is held beneath the surface for 60 seconds in order to prime the system. Under ideal conditions the package should be lowered at a rate of 30 m/min to 50 m, 45 m/min to 200 m, and 60 m/min to depth. Ship heave may cause substantial variation about these mean lowering rates. Cable tension is monitored at the winch box display. The position of the package relative to the bottom during deep casts is monitored using the ship's Precision Depth Recorder (PDR). An estimated bottom depth is first obtained from bathymetric charts and then the PDR is run during the bottom 1000 m of the cast.

Water samples are collected during the upcast using an SBE rosette. Five- or 10-liter Niskin sample bottles are used, depending on the cruise. Bottle closures are performed through the SEASOFT software.

A backup of the analog data stream is made on video cassette tape. Digitized data on the PC are backed up onto 1/4" QIC-80 cartridge tapes.

4. Salinity Analysis

Bottle salinity analyses are performed in temperature-controlled environments using Guildline Model 8400B inductive autosalinometers standardized with IAPSO Standard Seawater. The autosalinometer is standardized before each run and either at the end of each run or after no more than 48 samples. The drift between standardizations is monitored and the individual samples are corrected for that drift by linear interpolation. Duplicate samples are taken from the deepest bottle on each cast and analyzed on a subsequent day. Bottle salinities are compared to preliminary CTD salinities at sea to aid in the identification of leaking bottles as well as to monitor the CTD conductivity cells' performance and drift. Their use in calibrating CTD conductivity on shore is detailed in section 6. The expected precision of the autosalinometer with an accomplished operator is 0.001 PSS, with an accuracy of 0.003.

5. PC Processing

SEASOFT consists of modular menu-driven routines for acquisition, display, processing, and archiving of oceanographic data acquired with Sea-Bird equipment and is designed to work with an IBM or compatible personal computer. Raw data is acquired from the instruments and is stored as unmodified data. The conversion module DATCNV uses instrument configuration and pre-cruise calibration files to create a converted engineering unit data file that is operated on by all SEASOFT post-processing modules. The following describes each processing module used and notes the specifications in the reduction of GOALS/PACS CTD data.

ROSSUM creates a summary of the bottle data. Pressure, temperature, and conductivity are averaged over a 2-second interval after the confirm bit in the upcast data stream. WILDEDIT marks extreme outliers in the data files. The first pass obtains an accurate estimate of the true standard deviation of the data. The data are read in blocks of 100 scans. Data greater than two standard deviations are flagged. The second pass computes a standard deviation over the same 100 scans excluding the flagged values. Values greater than 20 standard deviations are marked bad. All flagged data are excluded. CELLTM uses a recursive filter to remove conductivity cell thermal mass effects from the measured conductivity. Typical values are used for thermal anomaly amplitude ($\alpha = 0.03$) and the time constant ($1/\beta = 9.0$). FILTER performs a low pass filter on pressure with a time constant of 0.15 seconds and on conductivity with a time constant of 0.03 seconds. In order to produce zero phase (no time shift) the filter first runs forward through the file and then runs backwards through the file. LOOPEDIT excludes scans where the minimum velocity of the package is less than 0.25 m/s or the package has reversed its direction owing to ship heave. BINA VG averages the data into 1-db pressure bins starting at 1 db (no surface bin). The center value of the first bin is set equal to the bin size. The bin minimum and maximum values are the center value \pm half the bin size.

6. Conductivity Calibrations

PMEL Fortran program SBECAL combines SEASOFT bottle files into one listing. PMEL Fortran program ADDSAL reads bottle salinity data received from Survey personnel and adds it to the combined listing. MATLAB functions CALCOSn are used to determine the best fit of CTD and bottle data, where n is the order of the station-dependent polynomial fit. CALCOSn recursively throws out data greater than 2.8 standard deviations. CALCOSn returns a single conductivity bias and a conductivity slope for each station. A station-dependent slope coefficient best models the gradual shift in the conductivity sensor within each station grouping with time. The order of the polynomial was chosen to keep the standard deviation of each grouping to a minimum. Table 2 lists the conductivity calibration coefficients determined for each station grouping. PMEL Fortran program CALMSTR applies the post-cruise calibration coefficients to conductivity and computes final salinity values. Final pressure and temperature calibrations were pre-cruise. CTD-bottle conductivity differences (Figs. 2a–e) are used to verify the success of the fit parameters.

For GP1-495 cruises, several Autosal runs jumped in conductivity by approximately 0.003 mS/cm owing to poor standardization and fluctuating ambient temperature of 3–6°C in the Autosal lab space. Sample salinities from a run during GP295 of stations 59–63 were thought to be bad and not included in the calibration file. During GP595, several Autosal runs jumped in conductivity by approximately 0.03 mS/cm, possibly owing to changing trim adjustment. Deep CTD traces overlaid well at these jumps. WOCE section P18 data also confirmed which Autosal runs were bad. As a result, stations 11–17 and 23–26 bottle data were not used in the fitting routines for conductivity.

7. VAX Processing

Following the SEASOFT processing modules, PMEL Fortran program EPSBE applies post-cruise calibrations to conductivity and converts the 1-db averaged CTD data to EPIC format (Soreide *et al.*, 1995). EPSBE creates a WOCE quality flag associated with each record of pressure, temperature, and CTD salinity. Quality flag definitions can be found in the WOCE Operations Manual (1994). EPSBE skips bad records near the surface and also any records flagged bad by SEASOFT. Measured data are copied back to 0 db and gaps are linearly interpolated such that a record exists every 1 db. WOCE flags are amended to reflect these changes. EPSBE calculates ITS-90 temperature and salinity (PSS-78), as well as potential temperature (IPTS-68), sigma-t, and sigma-theta using the 1980 equation of state algorithms described by Fofonoff and Millard (1983). Dynamic height in dynamic meters is calculated by integrating down from the sea surface.

PMEL Fortran program EPICBOMSTR creates individual bottle files in EPIC format for each cast.

8. Data Presentation

The majority of the following plots were produced using Plot Plus Scientific Graphics System (Denbo, 1992). Figures 3–47 are potential temperature, salinity, and sigma-theta sections for each meridional. Figures 48–62 are composite potential temperature-salinity diagrams for each meridional. Tables 3–7 define the abbreviations and units used in the CTD data summary listings that are presented alongside 0–1000 m profiles of each cast for each cruise. Hydrographic bottle data at discrete depths are also given for each cruise.

9. Acknowledgments

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FIGURES AND TABLES

GP1-95-DI CRUISE TRACK
February 5 – March 2, 1995
San Diego, CA – San Diego, CA

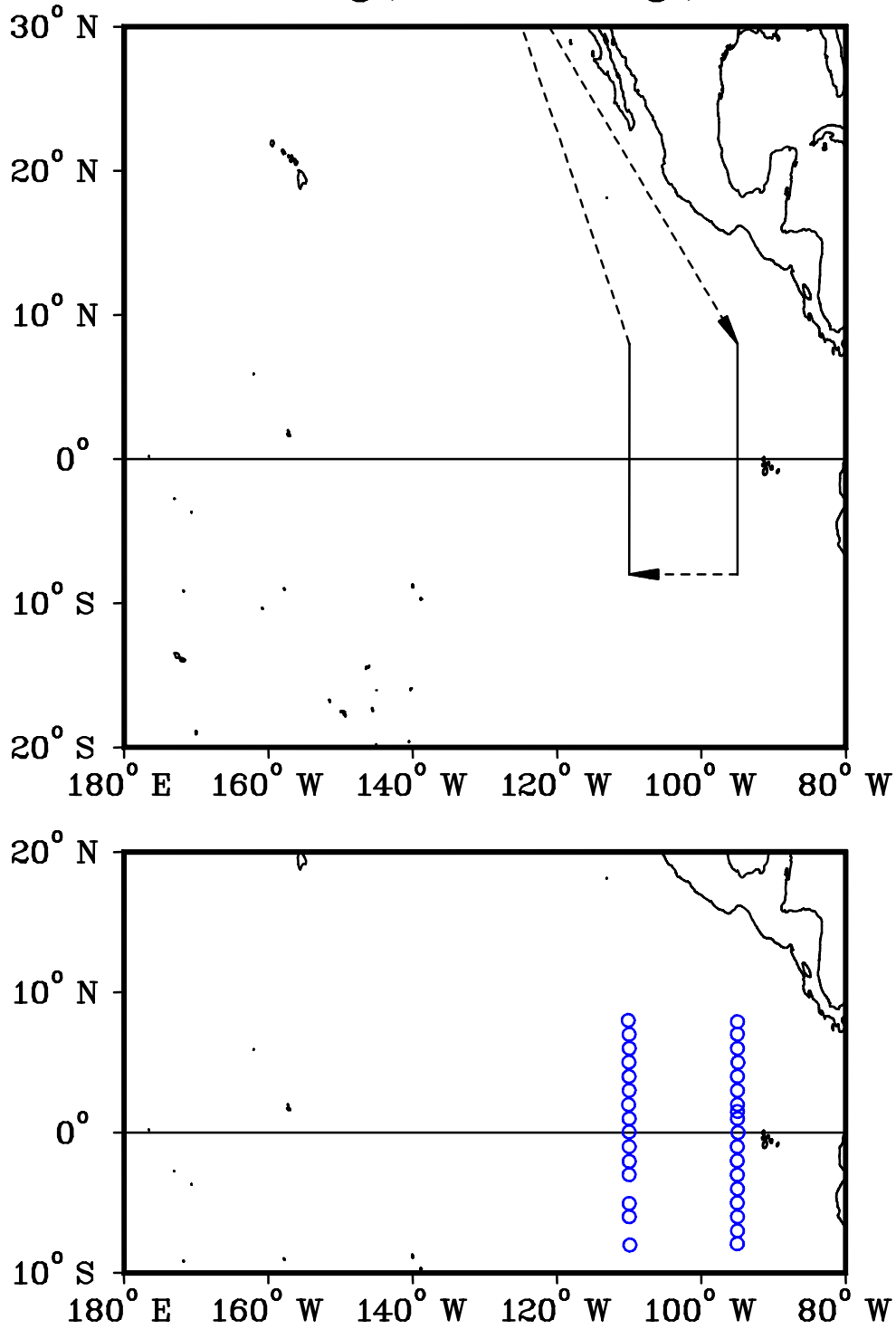


Figure 1a. GP1-95-DI cruise track and station locations.

Table 1a. GP1-95-DI CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	7 54.2N	94 59.9W	11 FEB 95	659	30	13	3786	808
2	7 1.1N	95 0.5W	11 FEB 95	1217	20	13	3680	1001
3	6 0.0N	95 0.0W	11 FEB 95	1755	30	14	3088	606
4	5 0.0N	94 55.1W	12 FEB 95	430	30	7	3646	3447
5	4 0.5N	95 0.4W	13 FEB 95	0	30	11	3512	1001
6	3 0.0N	95 0.3W	13 FEB 95	600	10	8	2781	1001
7	2 0.1N	95 0.1W	14 FEB 95	433	125	10	2978	2005
8	1 30.3N	95 0.2W	14 FEB 95	810	110	9	2770	1002
9	0 59.9N	95 0.0W	15 FEB 95	313	125	8	3525	1002
10	0 0.1N	94 54.7W	15 FEB 95	900	130	10	3390	3204
11	1 0.1S	95 0.9W	16 FEB 95	116	80	9	3370	1001
12	2 0.3S	95 1.0W	16 FEB 95	730	135	17	3348	3102
13	3 0.6S	95 0.6W	16 FEB 95	1337	135	15	3556	1015
14	4 0.5S	95 0.3W	16 FEB 95	1841	145	13	3662	1006
15	5 0.2S	95 0.9W	17 FEB 95	524	120	15	3941	3703
16	5 59.9S	94 59.9W	17 FEB 95	2323	120	15	3848	1001
17	6 59.9S	95 0.0W	18 FEB 95	421	90	13	4002	1003
18	7 55.4S	95 1.5W	18 FEB 95	946	100	13	3989	3807
19	8 0.5S	109 53.6W	21 FEB 95	708	100	12	3385	3205
20	5 59.9S	109 59.7W	22 FEB 95	746	120	14	3780	1001
21	5 3.0S	109 59.3W	22 FEB 95	1224	140	10	3499	1003
22	3 0.0S	110 0.0W	23 FEB 95	805	140	12	3776	1002
23	2 2.9S	109 59.5W	23 FEB 95	1241	45	4	3907	1005
24	1 0.2S	109 59.9W	23 FEB 95	1808	105	9	3950	1006
25	0 3.0N	110 0.5W	24 FEB 95	1107	180	7	3767	1024
26	0 59.9N	109 59.8W	24 FEB 95	1545	90	14	3814	1006
27	1 59.5N	110 5.4W	24 FEB 95	2030	90	11	3852	1000
28	3 0.1N	110 0.1W	25 FEB 95	145	90	16	3893	1001
29	3 59.8N	110 0.8W	25 FEB 95	631	85	11	3880	1004
30	5 1.2N	110 1.6W	25 FEB 95	1312	25	21	4015	1002
31	6 0.3N	109 59.6W	26 FEB 95	449	60	11	3718	1005
32	7 0.0N	110 0.1W	26 FEB 95	928	90	12	3760	1002
33	7 59.5N	110 7.5W	26 FEB 95	1453	60	15	4220	4004

GP2-95-DI CRUISE TRACK
March 7 - 25, 1995
San Diego, CA - Hilo, HI

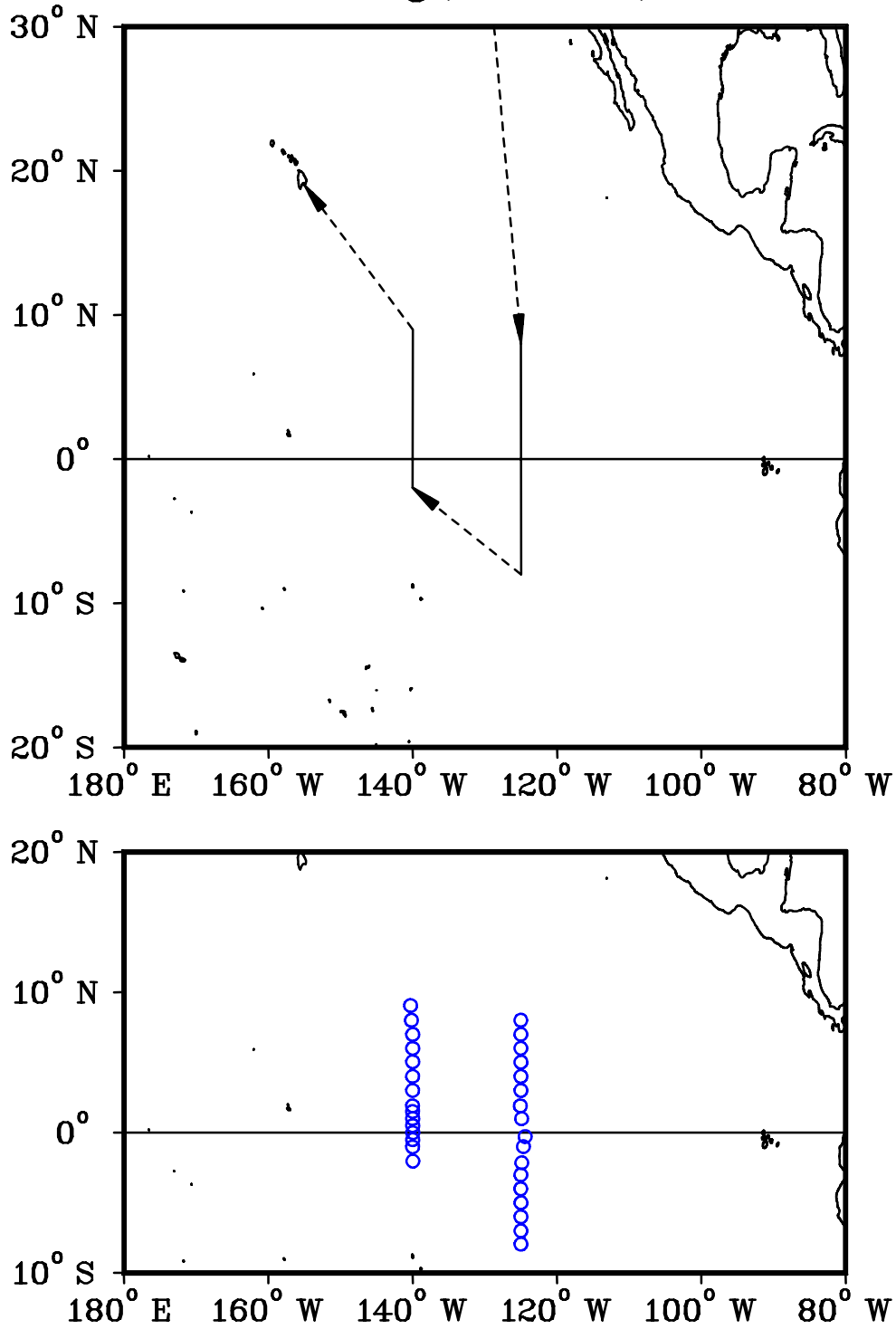


Figure 1b. GP2-95-DI cruise track and station locations.

Table 1b. GP2-95-DI CTD cast summary.

CAST #	LATITUDE		LONGITUDE		DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	8	0.5N	125	0.6W	12 MAR 95	922	40	21	4591	3003
2	7	0.2N	125	0.1W	12 MAR 95	1457	100	16	4660	1003
3	6	0.6N	125	0.2W	12 MAR 95	2018	40	20	4455	1003
4	5	1.2N	124	59.4W	13 MAR 95	332	60	12	4312	1004
5	4	0.1N	124	59.9W	13 MAR 95	841	110	13	4500	1004
6	3	0.2N	124	59.9W	13 MAR 95	1341	100	17	4551	1008
7	1	54.2N	125	4.6W	14 MAR 95	832	70	12	4726	4423
8	0	59.7N	124	54.6W	14 MAR 95	1356	85	4	4558	1002
9	0	16.9S	124	24.7W	14 MAR 95	2242	85	4	4670	4305
10	0	59.8S	124	39.6W	15 MAR 95	334	110	5	4684	1006
11	2	8.9S	124	53.0W	15 MAR 95	1104	60	4	4678	1003
12	3	0.4S	125	0.5W	15 MAR 95	1520	90	10	4537	1000
13	4	0.1S	125	0.9W	15 MAR 95	2025	90	17	4490	1021
14	4	59.8S	124	59.2W	16 MAR 95	736	100	11	4397	4002
15	5	59.9S	124	59.7W	17 MAR 95	129	90	10	4805	1006
16	7	0.0S	124	59.9W	17 MAR 95	614	90	11	4739	1003
17	7	56.7S	124	59.8W	17 MAR 95	1151	65	12	4529	4303
18	2	1.9S	139	58.4W	20 MAR 95	1324	45	13	4274	1003
19	1	1.2S	140	0.2W	20 MAR 95	1931	60	17	4275	1032
20	0	30.2S	139	59.5W	20 MAR 95	2217	90	13	4290	1008
21	0	0.0N	139	59.0W	21 MAR 95	916	75	13	4322	4106
22	0	30.0N	140	0.0W	22 MAR 95	403	65	16	4349	1002
23	1	0.1N	140	0.0W	22 MAR 95	719	80	17	4312	1005
24	1	30.2N	140	0.2W	22 MAR 95	1031	85	17	4427	1002
25	1	54.5N	140	1.0W	22 MAR 95	1402	90	12	4404	4204
26	3	0.3N	140	0.4W	23 MAR 95	924	100	14	4305	1004
27	4	0.4N	140	0.2W	23 MAR 95	1401	70	10	4347	1002
28	5	2.8N	139	59.9W	23 MAR 95	1946	60	10	4446	2005
29	6	0.2N	139	59.8W	24 MAR 95	126	45	11	4824	1002
30	6	59.9N	139	59.8W	24 MAR 95	613	50	21	4974	1001
31	8	0.3N	140	10.2W	24 MAR 95	1109	30	18	5101	1002
32	9	3.4N	140	17.9W	25 MAR 95	722	60	22	4977	2004

GP3-95-DI CRUISE TRACK
April 3 - 22, 1995
Hilo, HI - Kwajalein, Marshall Islands

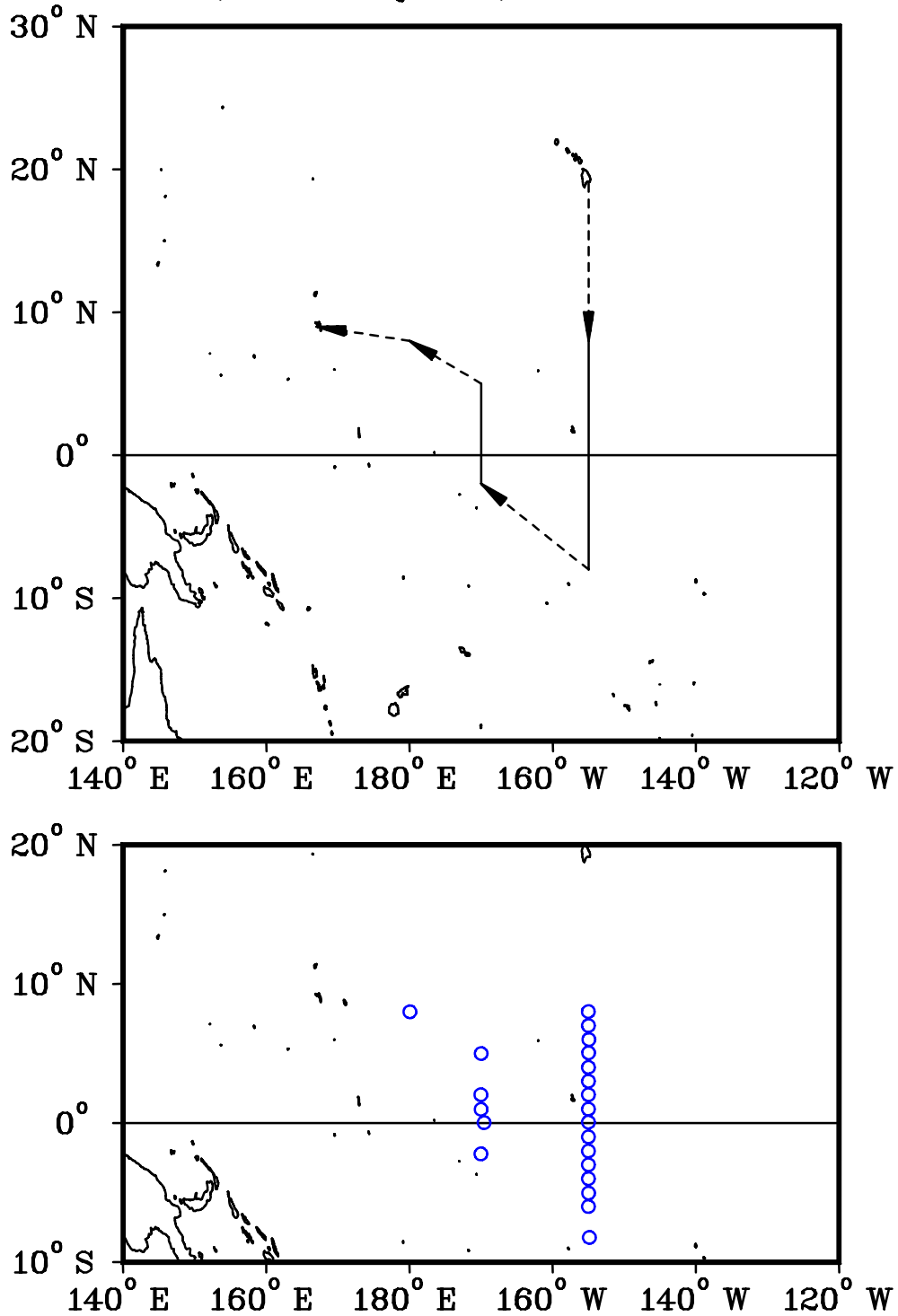


Figure 1c. GP3-95-DI cruise track and station locations.

Table 1c. GP3-95-DI CTD cast summary.

CAST #	LATITUDE		LONGITUDE		DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	8	0.8N	155	1.3W	6 APR 95	1313	1	66	3309	4006
2	7	0.3N	155	0.0W	7 APR 95	1028	45	10	5391	1003
3	6	0.2N	154	56.6W	7 APR 95	1536	70	18	1010	1002
4	5	2.9N	154	58.5W	7 APR 95	2106	701	55	4692	3004
5	4	0.2N	154	59.9W	8 APR 95	327	90	15	1012	1007
6	3	0.2N	155	0.1W	8 APR 95	832	120	12	4829	1001
7	2	2.4N	155	0.0W	8 APR 95	1450	90	14	4438	4504
8	1	0.3N	155	0.2W	9 APR 95	846	60	18	4748	1004
9	0	4.1N	154	59.9W	9 APR 95	1405	35	15	3073	3002
10	0	59.5S	155	0.6W	9 APR 95	2048	40	14	4745	1007
11	2	0.5S	155	0.1W	10 APR 95	844	50	1	5080	1009
12	2	59.8S	155	0.1W	10 APR 95	1336	30	13	5110	1003
13	3	59.8S	155	0.5W	10 APR 95	1832	60	9	1945	1006
14	5	1.9S	154	58.2W	11 APR 95	23	80	13	5155	1005
15	6	0.0S	155	0.0W	11 APR 95	657	70	14	5214	1002
16	8	13.1S	154	52.0W	11 APR 95	1701	70	15	5224	1004
17	2	12.8S	170	1.5W	14 APR 95	0	40	16	0	1006
18	0	2.0N	169	34.8W	16 APR 95	1143	50	8	5339	1006
19	0	59.1N	170	0.0W	16 APR 95	1638	75	7	6643	1004
20	2	2.4N	170	1.8W	17 APR 95	922	110	10	5359	1005
21	4	59.8N	169	59.1W	18 APR 95	943	60	15	5783	1006
22	7	59.8N	179	56.2W	20 APR 95	1037	50	22	5885	4008

GP4-95-DI CRUISE TRACK
April 25 – May 15, 1995
Kwajalein, Marshall Islands – Honolulu, HI

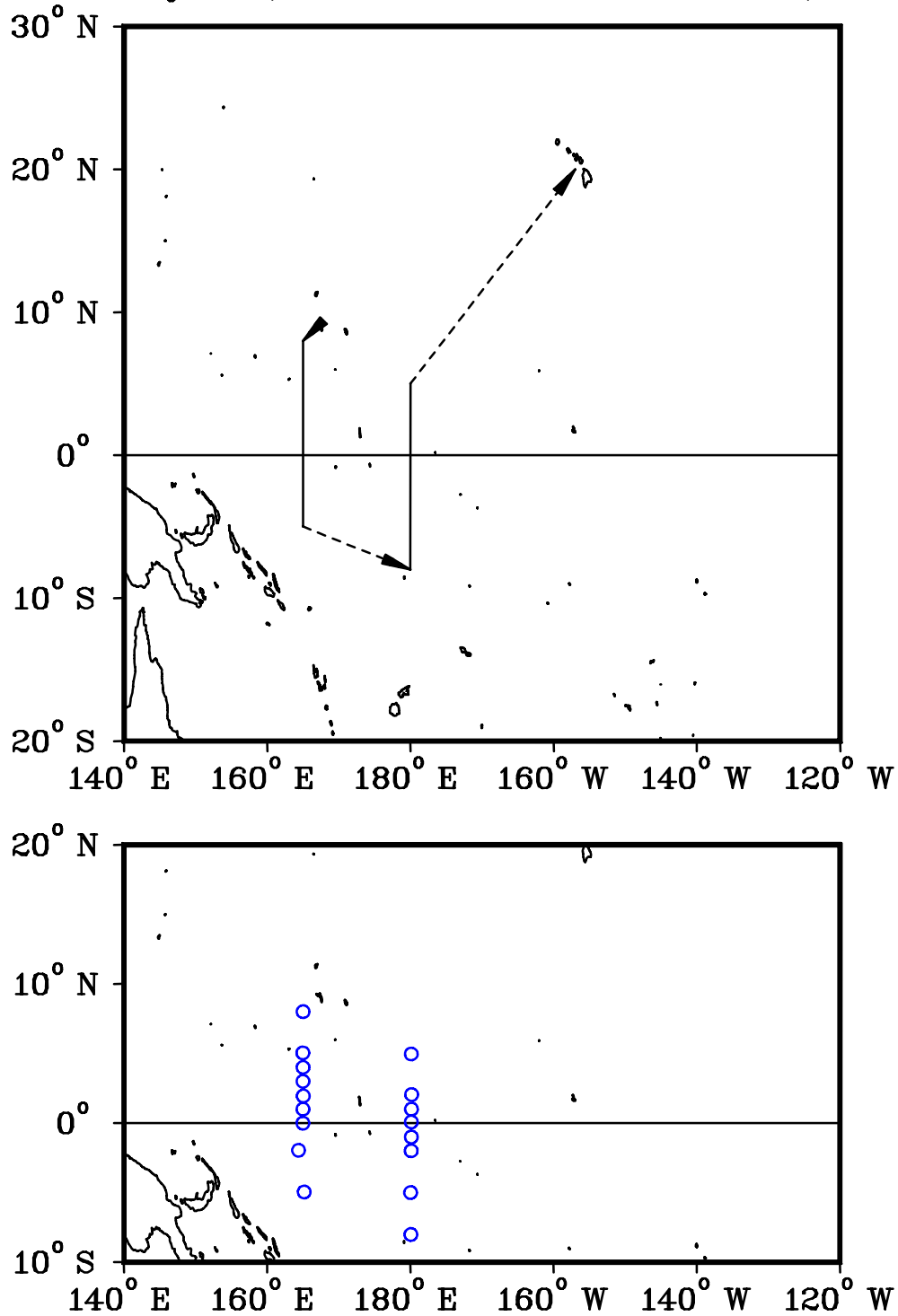


Figure 1d. GP4-95-DI cruise track and station locations.

Table 1d. GP4-95-DI CTD cast summary.

CAST #	LATITUDE		LONGITUDE		DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	8	0.3N	165	0.8E	26 APR 95	558	60	20	5189	1002
2	5	2.5N	164	58.9E	27 APR 95	556	160	4	4776	1003
3	4	0.3N	165	0.1E	27 APR 95	1134	250	16	4489	1003
4	2	59.9N	165	0.0E	27 APR 95	1651	230	22	4263	1002
5	1	56.7N	165	2.7E	27 APR 95	2331	230	20	4183	1006
6	1	0.0N	164	59.9E	28 APR 95	443	230	28	4328	1003
7	0	0.5S	164	59.2E	1 MAY 95	1456	90	8	4380	1002
8	1	57.5S	164	22.5E	2 MAY 95	1300	70	12	4401	1003
9	4	57.2S	165	10.0E	3 MAY 95	942	80	10	2529	1002
10	8	0.4S	179	55.8W	6 MAY 95	818	100	6	5534	1004
11	4	59.7S	179	58.0W	7 MAY 95	610	85	11	5676	1004
12	1	59.6S	179	53.5W	8 MAY 95	415	110	10	5314	1002
13	1	0.1S	179	52.2W	8 MAY 95	946	120	12	5338	1003
14	0	4.7N	179	52.3W	8 MAY 95	1534	170	7	5391	1003
15	1	0.0N	179	50.7W	8 MAY 95	2017	120	5	5803	1004
16	2	2.7N	179	49.0W	9 MAY 95	1129	160	13	5436	5005
17	4	57.8N	179	52.7W	10 MAY 95	1701	75	8	5624	1002

GP5-95-DI CRUISE TRACK
August 2 - 24, 1995
San Francisco, CA - Manzanillo, Mexico

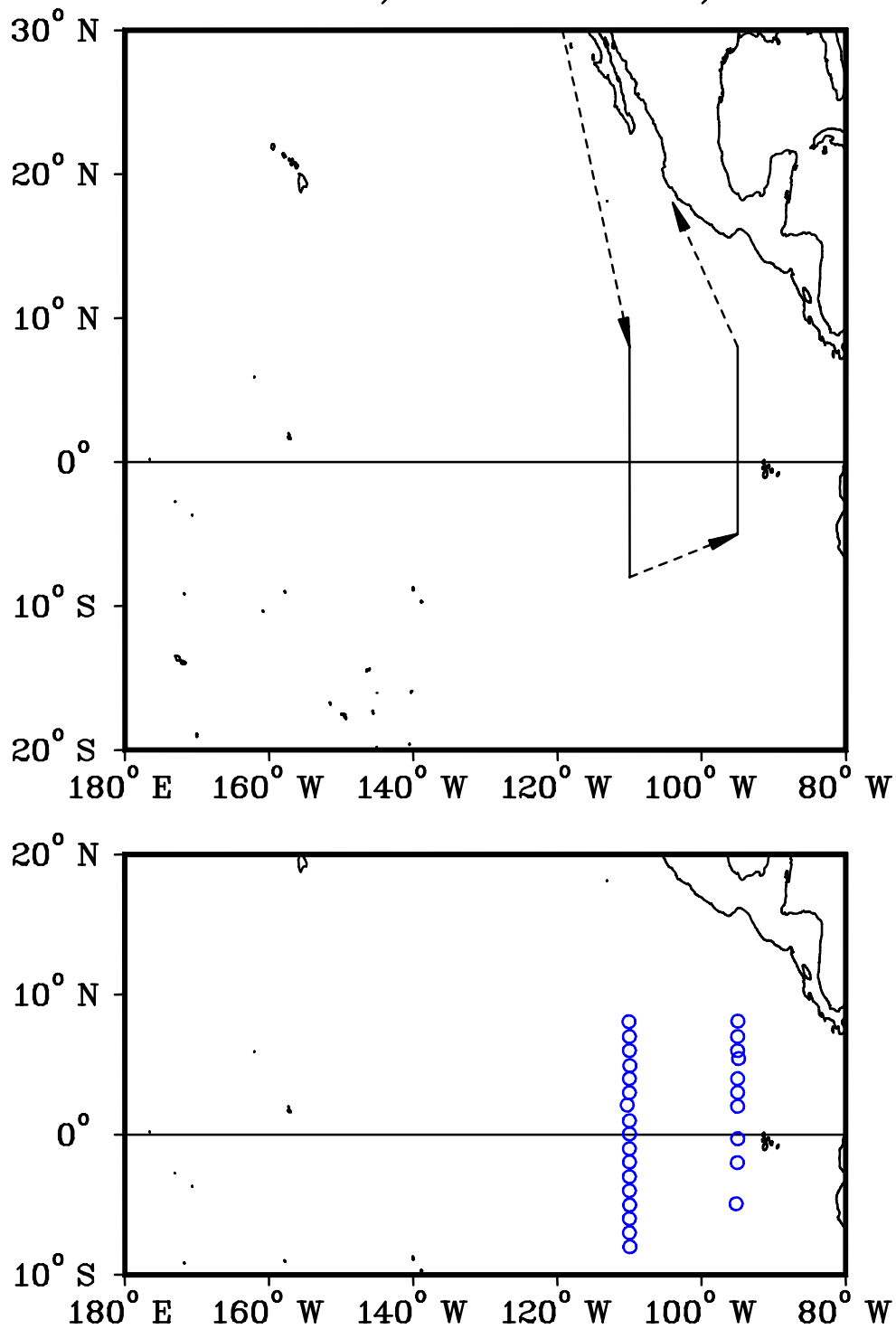


Figure 1e. GP5-95-DI cruise track and station locations.

Table 1e. GP5-95-DI CTD cast summary.

CAST #	LATITUDE		LONGITUDE		DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	8	3.6N	110	3.7W	8 AUG 95	925	180	13	4059	3853
2	7	0.0N	110	0.1W	9 AUG 95	126	175	12	3751	1003
3	6	0.1N	110	0.1W	9 AUG 95	627	160	14	3702	1002
4	4	55.6N	109	56.7W	9 AUG 95	1756	155	12	4012	3804
5	3	59.9N	110	0.5W	9 AUG 95	2344	165	20	3859	1001
6	2	59.9N	110	0.3W	10 AUG 95	450	150	13	3890	1003
7	2	6.8N	110	18.1W	10 AUG 95	1028	145	14	3814	3606
8	0	59.6N	110	0.4W	11 AUG 95	1013	120	17	3822	1004
9	0	3.5N	109	59.6W	12 AUG 95	1024	125	15	3824	3604
10	1	0.0S	110	0.0W	13 AUG 95	339	110	9	994	1004
11	1	56.7S	109	59.3W	13 AUG 95	914	125	17	3920	3707
12	3	0.0S	110	0.0W	14 AUG 95	455	120	10	994	1003
13	3	59.9S	110	0.1W	14 AUG 95	1014	115	14	3782	1002
14	5	1.2S	109	58.8W	14 AUG 95	1734	100	15	3488	3306
15	5	59.9S	110	0.0W	14 AUG 95	2309	115	20	3729	1007
16	7	0.0S	110	0.0W	15 AUG 95	405	100	21	3469	1006
17	7	59.9S	109	55.8W	15 AUG 95	952	90	17	3398	3204
18	4	55.7S	95	11.4W	18 AUG 95	607	130	15	3852	1004
19	1	59.7S	95	1.7W	19 AUG 95	402	140	8	3362	1009
20	0	17.4S	94	58.3W	19 AUG 95	1250	190	13	3158	1003
21	2	1.4N	94	59.9W	20 AUG 95	818	150	8	3036	2802
22	3	0.5N	95	0.2W	20 AUG 95	1323	210	12	3093	1005
23	3	59.8N	94	59.9W	20 AUG 95	1814	170	7	3349	1002
24	5	25.8N	94	51.6W	21 AUG 95	221	210	10	3630	3405
25	5	59.9N	95	0.0W	21 AUG 95	621	210	8	3257	1005
26	7	0.1N	94	59.8W	21 AUG 95	1122	225	10	3686	1003
27	8	6.2N	94	57.3W	21 AUG 95	2356	210	7	3638	3407

GP6-95-DI CRUISE TRACK
August 27 – September 21, 1995
Manzanillo, Mexico – Seattle, WA

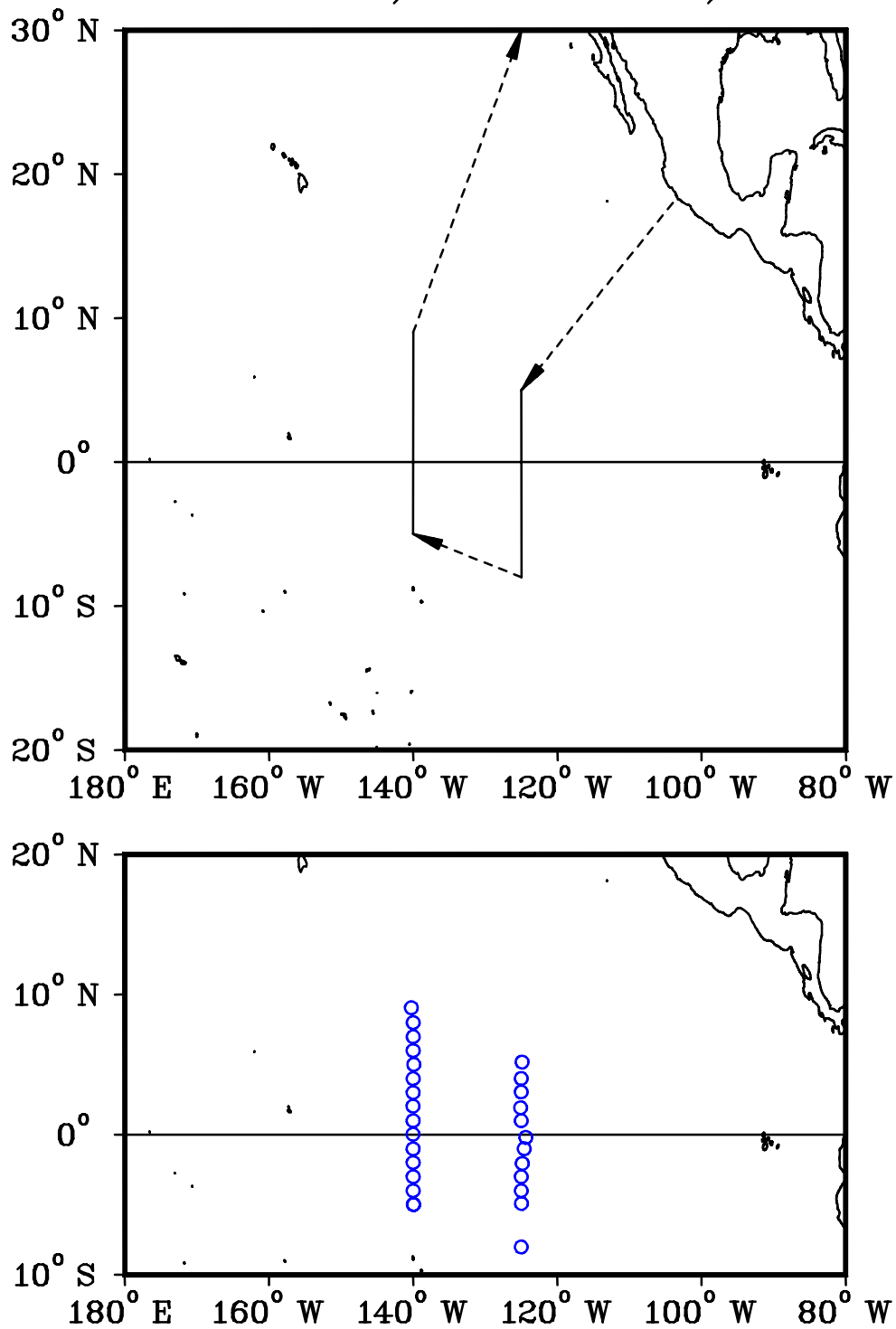


Figure 1f. GP6-95-DI cruise track and station locations.

Table 1f. GP6-95-DI CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	5 11.0N	124 53.8W	2 SEP 95	153	170	11	4416	1002
2	4 0.7N	125 0.4W	2 SEP 95	925	130	12	4469	1007
3	3 3.0N	125 0.3W	2 SEP 95	1517	135	17	4566	1001
4	1 55.3N	125 5.8W	2 SEP 95	2125	135	19	4676	1003
5	1 0.0N	125 0.2W	3 SEP 95	227	110	11	4562	1002
6	0 11.4S	124 22.1W	3 SEP 95	943	70	5	5534	4003
7	1 0.2S	124 35.6W	4 SEP 95	551	85	8	4657	1004
8	2 2.9S	124 51.3W	4 SEP 95	1130	90	5	4664	3002
9	3 0.1S	125 0.0W	5 SEP 95	420	100	14	4541	1003
10	4 0.0S	125 0.0W	5 SEP 95	916	100	13	4429	1005
11	4 54.6S	124 58.4W	5 SEP 95	1407	100	17	4476	1003
12	8 0.7S	125 0.4W	6 SEP 95	454	95	15	4626	1004
13	4 59.0S	139 57.9W	8 SEP 95	1240	130	11	4283	3007
14	4 58.9S	139 56.4W	8 SEP 95	1331	130	14	4284	503
15	4 0.0S	139 59.9W	9 SEP 95	534	95	13	4474	1001
16	3 0.0S	140 0.0W	9 SEP 95	1017	105	13	4416	1003
17	1 59.1S	140 0.0W	10 SEP 95	56	90	11	4187	3005
18	1 0.7S	140 0.4W	10 SEP 95	655	80	8	4270	1003
19	0 2.0N	140 2.0W	10 SEP 95	1300	95	17	4314	4074
20	0 59.9N	140 0.1W	11 SEP 95	1407	115	13	4311	1004
21	2 2.2N	140 2.0W	11 SEP 95	1944	120	15	4374	3004
22	3 0.2N	140 0.2W	12 SEP 95	49	120	14	4302	1009
23	4 0.0N	139 59.9W	12 SEP 95	520	130	15	4349	1007
24	5 0.6N	139 55.2W	12 SEP 95	1505	145	13	4469	1012
25	6 0.1N	140 0.0W	13 SEP 95	908	140	10	4818	1005
26	6 59.6N	139 59.7W	13 SEP 95	1415	160	7	4958	1006
27	7 59.9N	139 59.7W	13 SEP 95	1852	180	6	5134	1002
28	9 3.3N	140 15.0W	14 SEP 95	227	10	7	4869	3003

GP7-95-MB CRUISE TRACK
November 21 – December 15, 1995
Darwin, Australia – Pago Pago, Samoa

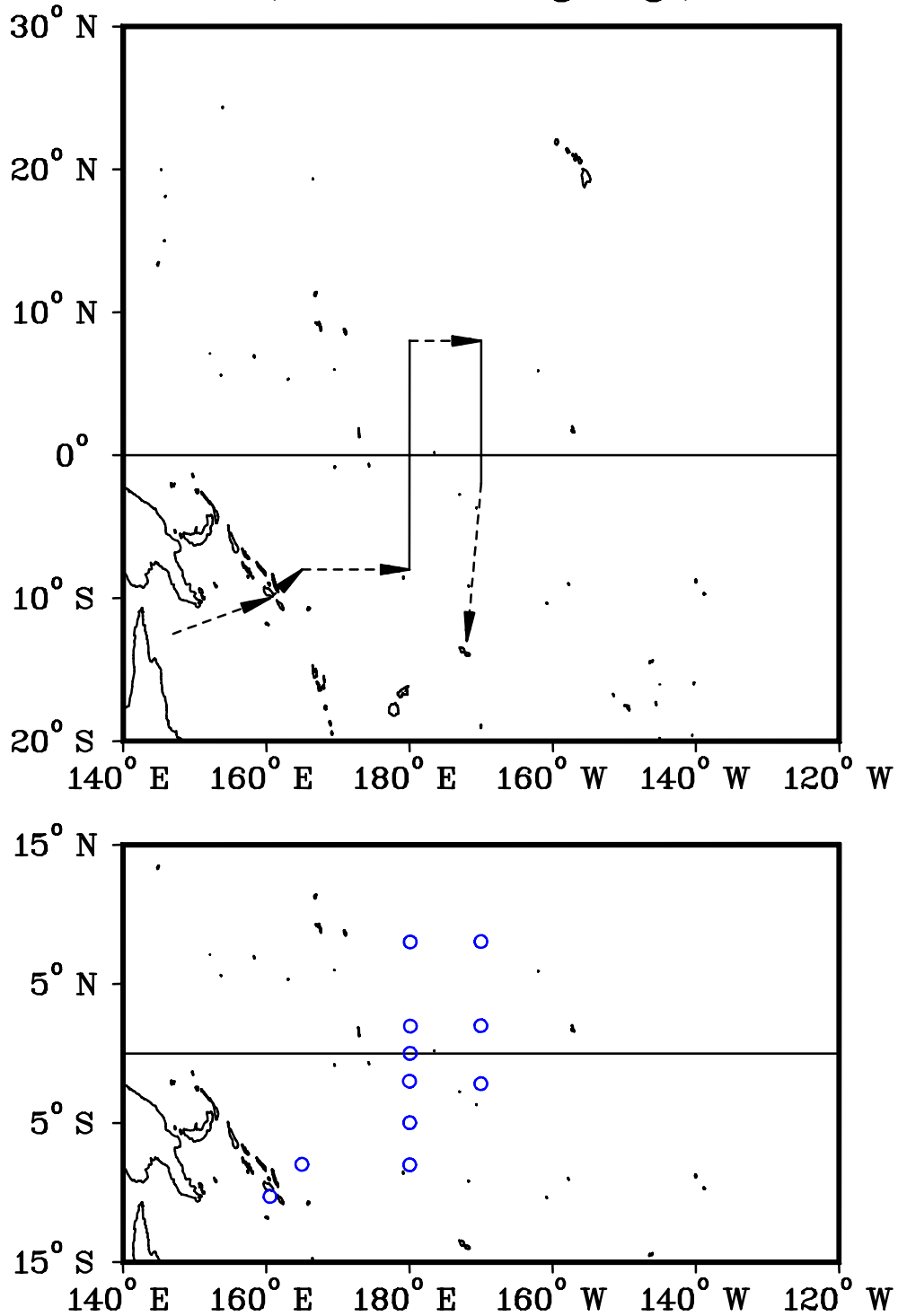


Figure 1g. GP7-95-MB cruise track and station locations.

Table 1g. GP7-95-MB CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	10 16.6S	160 31.1E	27 NOV 95	408	0	0	3683	500
2	7 57.9S	164 58.5E	28 NOV 95	1334	127	8	3892	1004
4	8 0.0S	179 57.8W	1 DEC 95	1541	283	6	5538	3010
5	4 58.4S	179 57.4W	2 DEC 95	1652	330	10	5615	1003
6	1 59.6S	180 0.0W	3 DEC 95	812	105	7	5308	1010
7	0 0.6N	179 55.2W	4 DEC 95	706	90	12	5357	1003
8	1 58.0N	179 52.7W	4 DEC 95	1735	92	14	5377	1020
9	8 0.9N	179 53.9W	7 DEC 95	1045	95	15	5923	3505
11	8 2.8N	170 1.4W	10 DEC 95	1044	108	14	5439	1004
12	1 59.7N	170 2.3W	12 DEC 95	806	160	7	5361	551
13	2 10.3S	170 2.0W	13 DEC 95	1408	75	12	4950	552

GP8-95-MB CRUISE TRACK
December 19 – January 17, 1996
Pago Pago, Samoa – Rodman, Panama

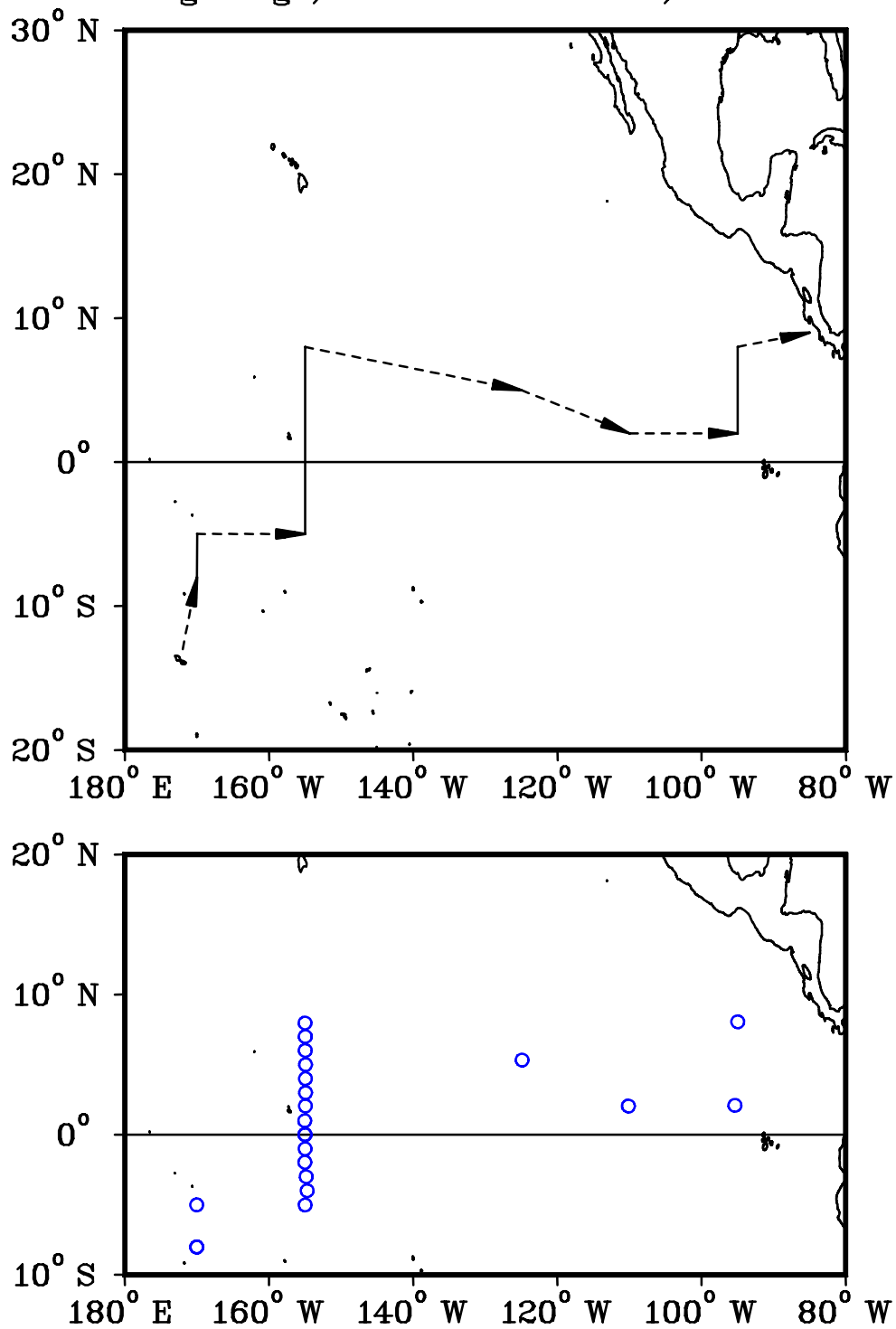


Figure 1h. GP8-95-MB cruise track and station locations.

Table 1h. GP8-95-MB CTD cast summary.

CAST #	LATITUDE		LONGITUDE		DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
15	8	1.2S	170	0.6W	21 DEC 95	948	285	9	5340	3024
16	8	0.6S	170	3.0W	21 DEC 95	2349	350	12	5350	552
17	5	0.4S	170	1.5W	22 DEC 95	1510	40	9	5400	2511
18	5	0.9S	154	59.4W	26 DEC 95	627	8	14	4882	1013
19	4	0.0S	154	42.5W	26 DEC 95	1242	101	5	4644	1003
20	2	59.6S	154	51.2W	26 DEC 95	1824	95	22	4900	1015
21	1	58.1S	155	1.6W	27 DEC 95	140	80	16	4972	3043
22	1	0.3S	154	59.9W	27 DEC 95	1026	95	18	4733	1002
23	0	1.1N	155	1.2W	27 DEC 95	1616	85	12	4676	1003
25	0	0.5S	155	0.3W	28 DEC 95	404	90	15	4670	558
26	0	59.8N	155	1.9W	28 DEC 95	947	88	13	4742	1004
27	2	2.8N	154	57.0W	29 DEC 95	135	135	15	4700	1013
28	2	59.8N	154	55.4W	29 DEC 95	732	74	5	4742	1014
29	3	59.9N	154	56.2W	29 DEC 95	1326	140	18	4963	1001
30	5	0.0N	154	55.5W	30 DEC 95	539	83	8	4584	1029
31	6	0.3N	154	58.1W	30 DEC 95	1159	118	3	4826	1006
32	7	0.3N	154	58.8W	30 DEC 95	1737	16	15	4961	1006
33	7	58.2N	155	0.1W	31 DEC 95	622	136	18	5210	1015
34	5	19.5N	124	53.4W	6 JAN 96	244	0	0	4282	1013
35	2	2.6N	110	8.2W	10 JAN 96	457	34	11	3898	1024
36	2	5.6N	95	21.6W	13 JAN 96	1132	31	8	4389	1511
37	8	3.2N	94	58.6W	14 JAN 96	2030	70	12	3712	1004

GP1-96-MB CRUISE TRACK
May 3 - 31, 1996
Rodman, Panama - Hilo, HI

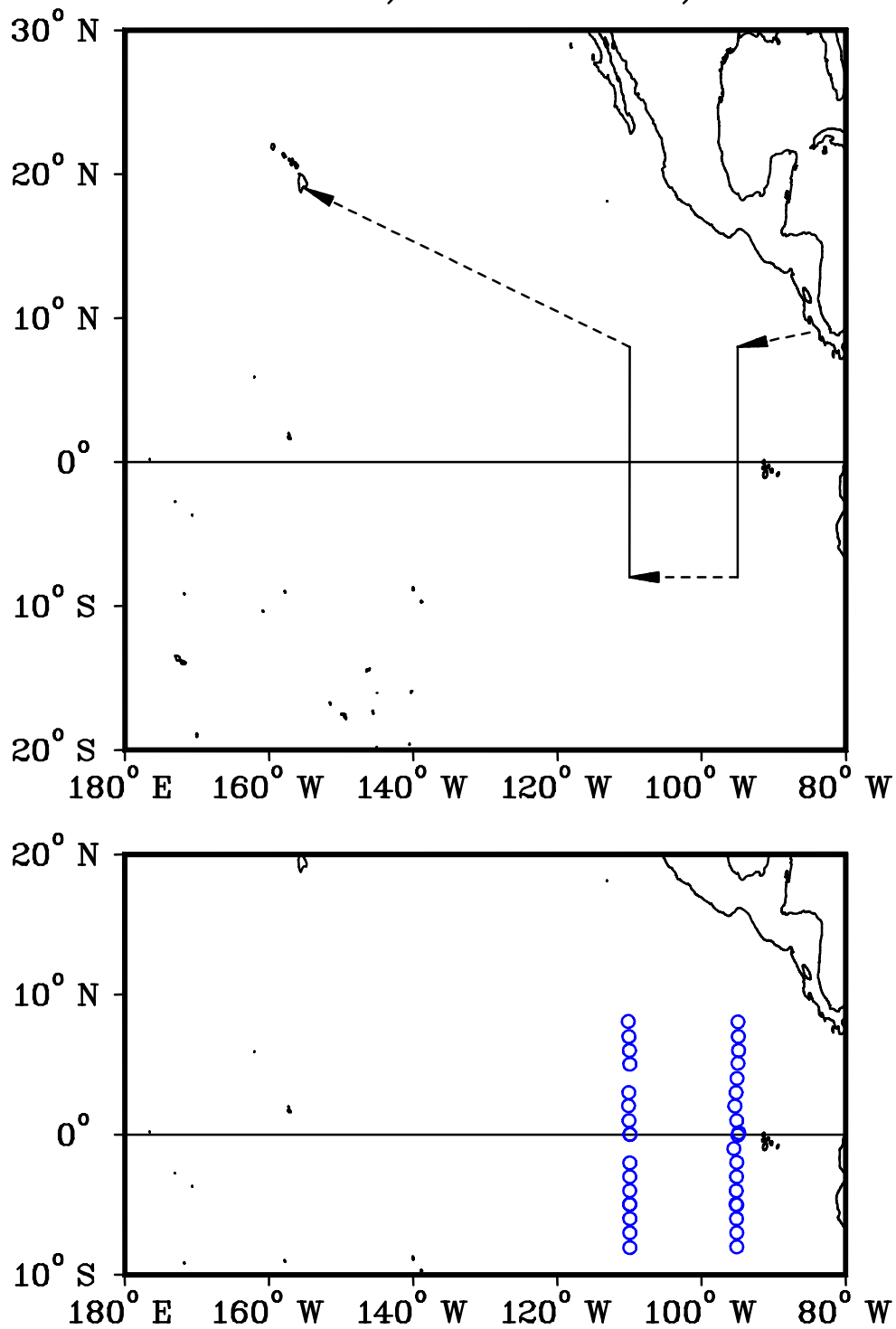


Figure 1i. GP1-96-MB cruise track and station locations.

Table 1i. GP1-96-MB CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
11	8 2.9N	94 56.6W	6 MAY 96	2125	0	0	3667	40
21	7 0.2N	94 53.5W	7 MAY 96	358	250	13	3773	1003
31	6 0.4N	94 51.4W	7 MAY 96	957	0	0	3733	1002
41	5 5.6N	94 56.0W	8 MAY 96	212	220	10	3587	1003
51	4 0.8N	95 3.9W	8 MAY 96	927	190	10	3474	1001
61	3 0.3N	95 11.7W	8 MAY 96	1631	173	11	2703	1002
71	2 2.5N	95 21.8W	8 MAY 96	2215	168	10	2664	1002
81	1 0.2N	95 7.7W	9 MAY 96	403	140	9	3454	1001
91	0 8.3N	94 49.8W	9 MAY 96	1053	0	0	3390	3001
101	0 1.6S	94 57.3W	9 MAY 96	2104	123	9	3375	1000
111	0 59.6S	95 30.6W	10 MAY 96	949	110	9	3340	1000
121	1 58.7S	95 6.4W	10 MAY 96	1530	117	11	3423	1005
131	2 59.7S	95 8.2W	10 MAY 96	2201	100	9	3600	1003
141	4 0.1S	95 10.3W	11 MAY 96	329	110	15	3653	1002
151	4 58.3S	95 13.4W	11 MAY 96	931	150	13	3810	3001
161	5 1.1S	95 5.7W	12 MAY 96	138	150	11	3812	1003
171	6 0.1S	95 8.6W	12 MAY 96	933	145	10	3896	1002
181	6 59.9S	95 6.4W	12 MAY 96	1257	125	5	3740	1003
191	8 0.3S	95 6.3W	13 MAY 96	532	120	15	3997	1001
201	8 3.5S	109 56.2W	16 MAY 96	644	50	8	3270	1001
211	7 0.0S	109 56.8W	16 MAY 96	1402	24	9	3488	1004
221	5 59.7S	109 57.0W	16 MAY 96	1929	39	8	3577	1002
231	4 58.9S	109 58.5W	17 MAY 96	513	90	6	3643	3002
241	4 57.8S	109 57.9W	17 MAY 96	1841	92	10	3727	1003
251	3 59.9S	109 58.3W	18 MAY 96	9	125	14	3853	1007
261	2 59.9S	109 57.9W	18 MAY 96	548	135	14	3810	1006
271	2 0.8S	109 56.8W	18 MAY 96	1158	140	9	3943	3002
281	0 1.0N	109 55.4W	19 MAY 96	913	60	6	3817	3001
291	0 1.7N	109 54.9W	20 MAY 96	330	90	12	3786	1002
301	1 0.3N	110 2.7W	21 MAY 96	1029	135	14	3815	1001
311	2 3.8N	110 7.4W	21 MAY 96	1638	148	15	3780	1003
321	3 0.1N	110 5.6W	21 MAY 96	2205	152	20	3924	1003
331	5 1.9N	109 56.9W	22 MAY 96	924	170	14	3815	1000
341	6 0.3N	109 59.9W	22 MAY 96	1433	175	20	3714	1007
351	6 59.9N	110 4.9W	22 MAY 96	1954	188	19	3451	1002
361	8 4.7N	110 9.3W	23 MAY 96	213	195	19	4232	1003

GP2-96-MB CRUISE TRACK
June 6 - July 5, 1996
Hilo, HI - Rodman, Panama

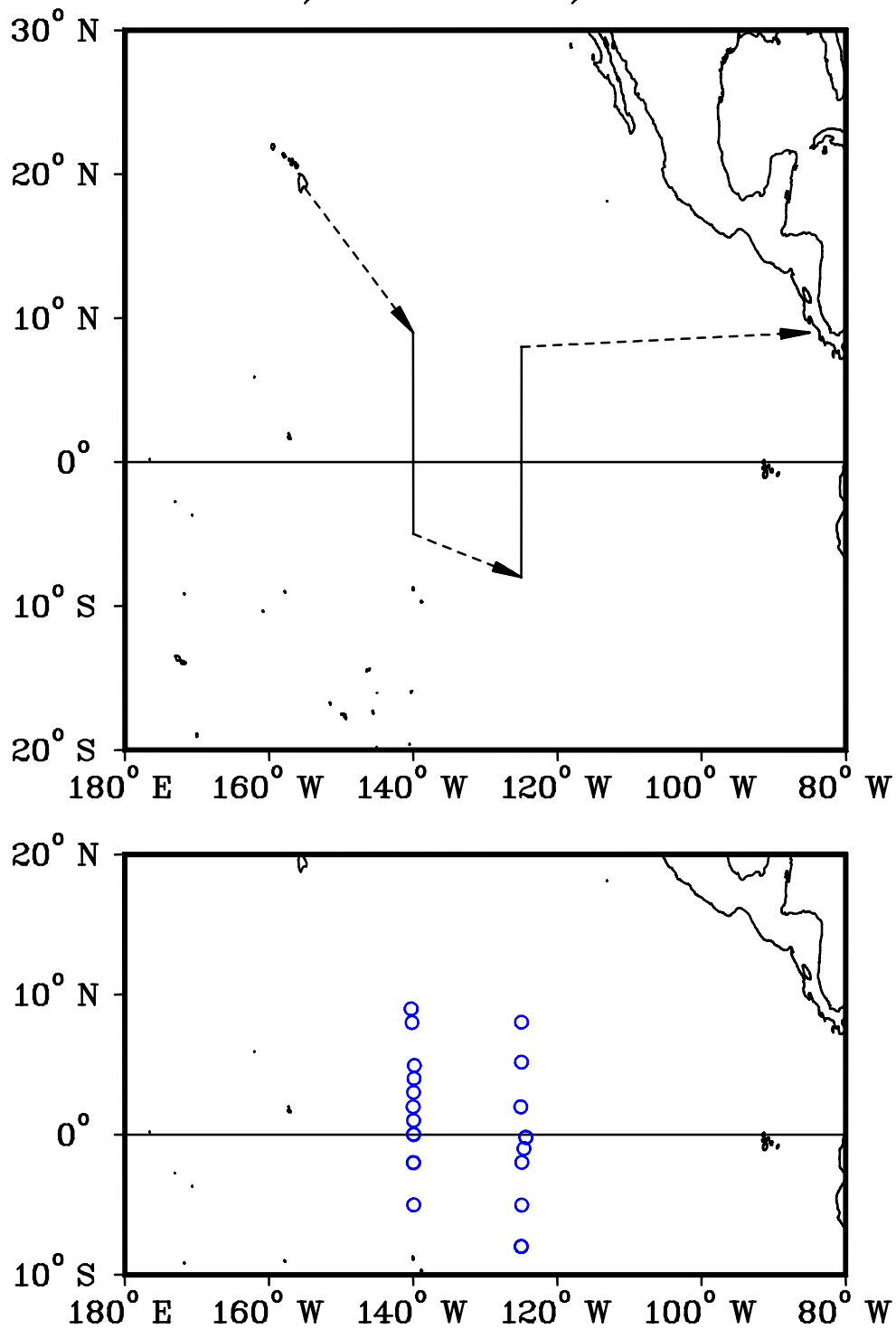


Figure 1j. GP2-96-MB cruise track and station locations.

Table 1j. GP2-96-MB CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
371	8 58.9N	140 17.2W	11 JUN 96	715	107	7	4848	1001
381	8 0.2N	140 10.0W	11 JUN 96	1357	50	6	5130	1013
391	4 56.1N	139 50.0W	12 JUN 96	802	97	10	4485	1000
401	4 0.5N	139 52.9W	12 JUN 96	1336	80	10	4393	1001
411	3 1.2N	139 56.9W	12 JUN 96	1943	45	9	4290	1012
421	1 59.7N	140 0.0W	13 JUN 96	1140	75	16	4371	1008
431	1 0.7N	139 57.0W	13 JUN 96	1747	90	16	4327	1002
441	0 0.8N	139 56.0W	14 JUN 96	711	84	17	4359	3002
451	0 2.1N	139 56.6W	14 JUN 96	2327	100	15	4360	1001
461	1 59.0S	139 58.5W	15 JUN 96	1224	110	15	4299	3003
471	2 0.5S	139 57.1W	16 JUN 96	301	131	19	4342	1002
481	5 0.5S	139 55.5W	16 JUN 96	2013	100	18	4307	1007
491	7 58.2S	124 59.3W	20 JUN 96	948	100	23	4547	3004
501	7 59.1S	125 1.1W	21 JUN 96	428	100	20	4520	1004
511	5 1.4S	124 56.8W	22 JUN 96	725	84	14	4543	1004
521	1 58.6S	124 55.8W	22 JUN 96	2250	110	10	4718	1003
531	0 59.5S	124 37.3W	23 JUN 96	545	115	7	4648	1004
541	0 10.9S	124 20.9W	23 JUN 96	1104	105	8	4654	3081
551	0 12.0S	124 22.2W	24 JUN 96	656	70	8	4721	1004
561	1 59.1N	125 4.5W	25 JUN 96	729	119	13	4631	1004
571	5 10.8N	124 58.6W	26 JUN 96	1106	165	17	4410	1002
581	8 1.8N	124 58.2W	27 JUN 96	207	194	21	4723	1004

GP3-96-KA CRUISE TRACK
June 19 - July 16, 1996
Honolulu, HI - Kwajalein, Marshall Islands

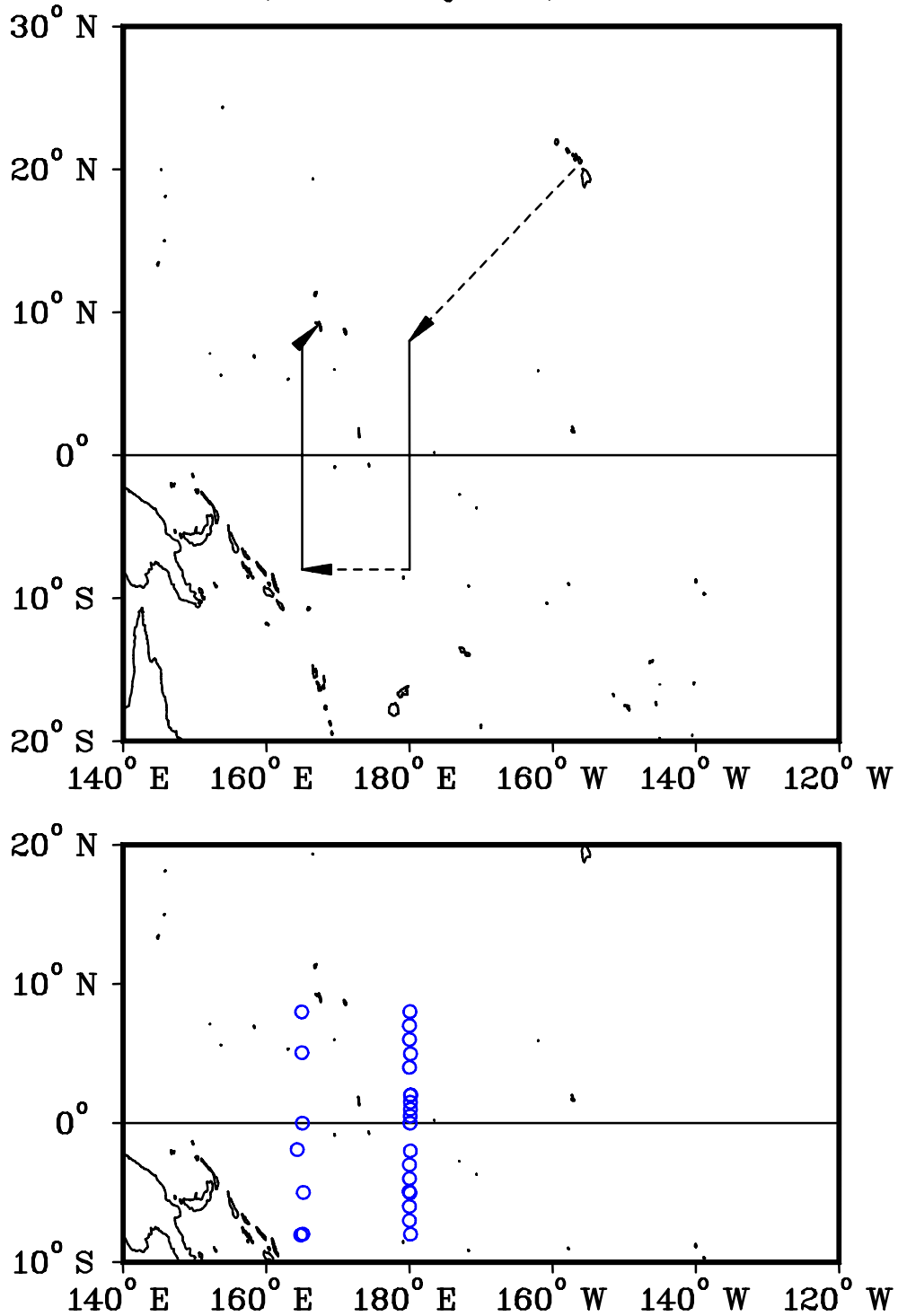


Figure 1k. GP3-96-KA cruise track and station locations.

Table 1k. GP3-96-KA CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
11	8 0.5N	179 56.0W	26 JUN 96	11	100	16	5800	1004
21	7 0.4N	179 59.9W	26 JUN 96	805	100	16		1034
31	6 0.3N	179 59.7W	26 JUN 96	1455	131	5	5400	1003
41	4 58.7N	179 51.4W	27 JUN 96	1010	202	11	5685	1004
51	4 0.1N	179 59.7W	27 JUN 96	1704	350	4	5700	1003
61	2 0.2N	179 53.1W	28 JUN 96	1238	90	5	5313	5102
62	2 0.9N	179 48.6W	29 JUN 96	149	350	0	5442	503
71	1 30.0N	179 52.1W	29 JUN 96	600	59	5	5545	1001
81	0 59.9N	179 52.6W	29 JUN 96	946	33	5	5760	1012
91	0 30.1N	179 53.6W	29 JUN 96	137	70	7	5673	1003
101	0 0.1S	179 55.3W	29 JUN 96	1800	90	15	5360	3006
111	2 0.1S	179 52.8W	30 JUN 96	801	100	11	4740	1006
121	2 59.8S	179 59.9E	30 JUN 96	1440	121	12	5625	1002
131	3 59.3S	179 59.6W	30 JUN 96	2131	110	6	4500	1004
141	4 55.5S	179 56.8E	1 JUL 96	1219	160	5	5520	5301
142	5 0.8S	179 55.5W	2 JUL 96	704	110	13	5662	506
151	5 59.8S	179 59.9E	2 JUL 96	1408	116	13	5250	1001
161	7 0.4S	179 59.6E	2 JUL 96	2038	74	12	3300	1005
171	7 59.2S	179 51.0W	3 JUL 96	449	90	17	4800	1002
181	7 58.8S	165 6.2E	6 JUL 96	1536	135	15	3900	1006
182	8 2.6S	164 48.7E	6 JUL 96	2350	110	12	3900	503
191	4 59.2S	165 11.5E	9 JUL 96	523	67	7	2580	1003
201	1 54.5S	164 19.2E	10 JUL 96	1021	100	16	4440	1005
211	0 0.3S	165 3.0E	11 JUL 96	1322	68	7	4371	4104
221	5 3.5N	164 58.5E	14 JUL 96	647	72	13	5376	1006
231	7 59.3N	164 57.2E	15 JUL 96	759	50	12	5190	4960

GP4-96-KA CRUISE TRACK
July 19 – August 14, 1996
Kwajalein, Marshall Islands – Honolulu, HI

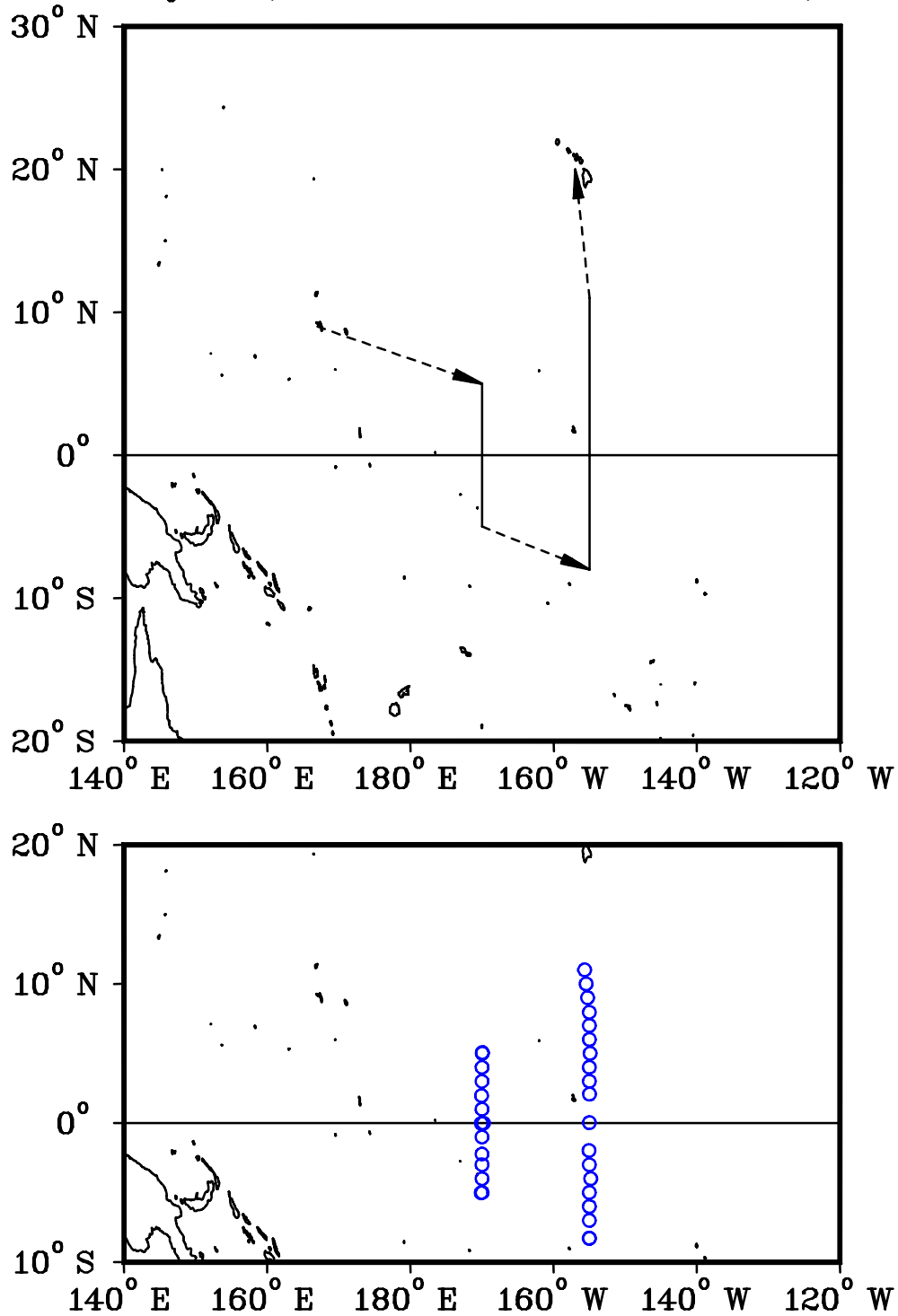


Figure 11. GP4-96-KA cruise track and station locations.

Table 11. GP4-96-KA CTD Cast Summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
11	5 4.1N	169 56.2W	25 JUL 96	1530	125	13	5640	4010
12	5 0.8N	169 56.8W	26 JUL 96	713	310	13	5640	502
21	4 0.3N	169 59.7W	26 JUL 96	1431	103	11	5610	1007
31	2 59.9N	170 0.2W	26 JUL 96	2136	101	11	5445	1005
41	1 58.1N	170 3.2W	27 JUL 96	517	90	15	5370	1003
51	0 59.9N	170 0.1W	27 JUL 96	1200	75	17	5430	1005
61	0 0.2S	169 47.5W	28 JUL 96	1009	65	17	5370	5002
62	0 1.2S	170 4.3W	29 JUL 96	751	83	15	5520	501
71	1 0.1S	169 59.9W	29 JUL 96	1450	70	13	5250	1003
81	2 13.6S	170 0.3W	30 JUL 96	709	84	22	4350	1004
91	2 59.7S	169 59.8W	30 JUL 96	1312	95	22	5070	1003
101	4 0.0S	169 59.7W	30 JUL 96	1956	108	24	5580	1003
111	5 0.6S	170 7.0W	31 JUL 96	907	100	20	5160	4002
112	4 59.8S	169 58.7W	1 AUG 96	150	80	16	6127	502
121	8 16.1S	154 59.9W	5 AUG 96	913	70	14	5325	3020
122	8 17.4S	154 59.8W	5 AUG 96	2228	5	15	5314	503
131	6 59.9S	155 0.1W	6 AUG 96	653	110	12	5100	1002
141	5 59.8S	154 59.5W	6 AUG 96	1316	109	11	4944	1003
151	4 59.5S	155 0.6W	6 AUG 96	2053	80	8	4620	1004
161	3 59.7S	154 48.5W	7 AUG 96	333	100	8	3360	1003
171	2 59.8S	155 0.1W	7 AUG 96	945	350	5	4820	1005
181	1 58.4S	155 2.9W	8 AUG 96	845	40	9	4815	1003
191	0 1.9N	154 58.8W	8 AUG 96	2128	100	8	5220	1002
201	2 5.0N	154 57.9W	9 AUG 96	1025	152	10	4734	1003
211	3 0.2N	155 0.0W	9 AUG 96	1614	135	15	5220	1002
221	4 0.6N	155 0.0W	9 AUG 96	2234	122	14	4680	1002
231	5 0.9N	154 53.8W	10 AUG 96	619	107	10	4590	4003
241	6 0.4N	154 59.3W	10 AUG 96	1323	107	12	4830	1004
251	7 0.6N	154 59.7W	10 AUG 96	1942	100	10	4920	1001
261	7 57.8N	155 0.5W	11 AUG 96	415	60	13	5160	4004
271	9 0.4N	155 14.1W	11 AUG 96	1231	70	16	5250	1004
281	10 0.4N	155 27.2W	11 AUG 96	1904	60	13	5160	1002
291	11 0.6N	155 39.5W	12 AUG 96	228	2	14	5190	4003

GP5-96-KA CRUISE TRACK
August 23 - September 22, 1996
Honolulu, HI - San Diego, CA

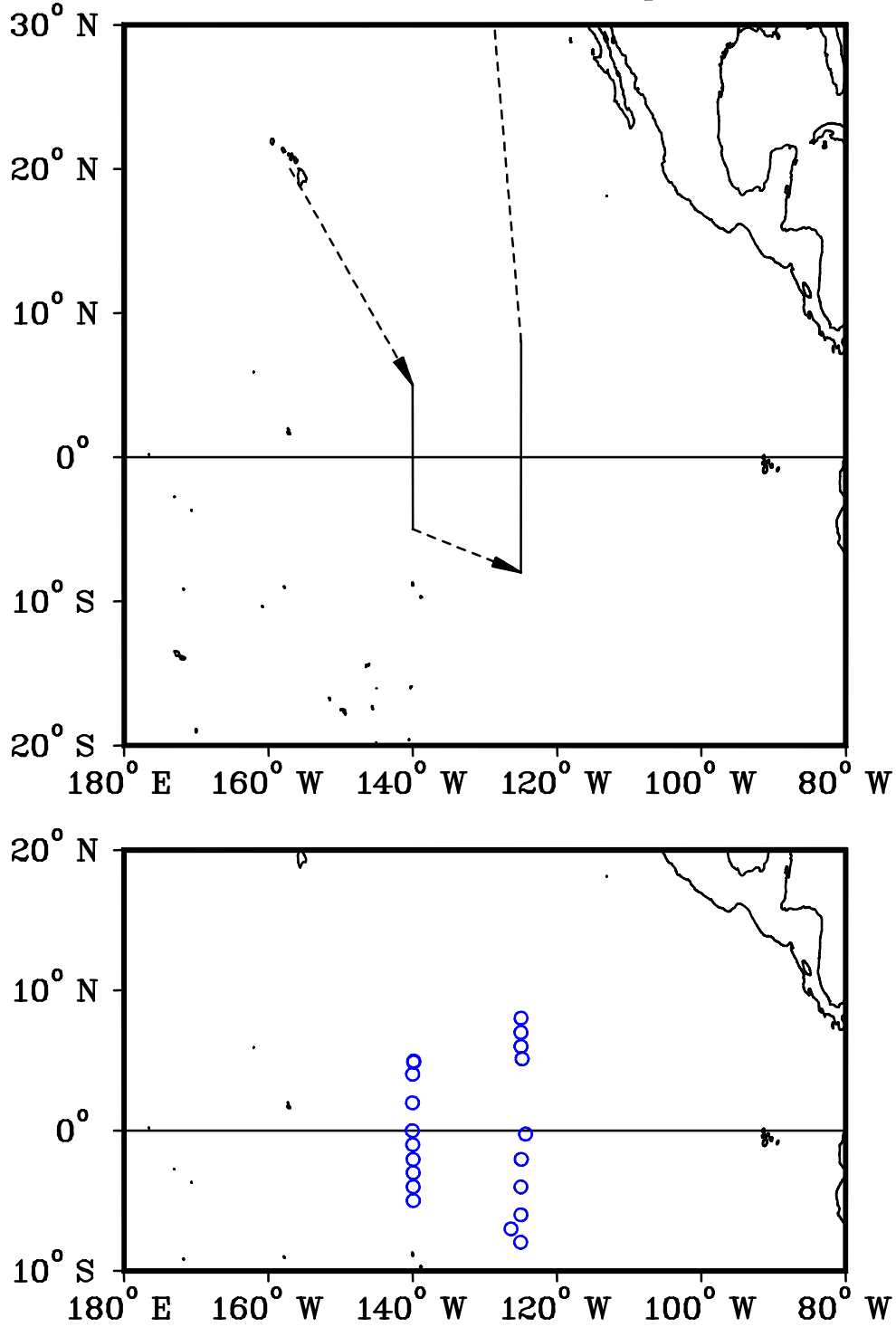


Figure 1m. GP5-96-KA cruise track and station locations.

Table 1m. GP5-96-KA CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
11	4 57.4N	139 51.1W	1 SEP 96	406	114	12	4500	3009
12	4 52.7N	139 52.7W	1 SEP 96	2104	127	12	4500	502
21	4 1.2N	140 0.1W	2 SEP 96	1055	70	11	4320	1002
31	1 59.0N	140 2.2W	3 SEP 96	233	100	16	4362	1003
41	0 0.2S	140 2.9W	4 SEP 96	2312	82	15	4300	1007
51	0 59.9S	139 59.7W	5 SEP 96	942	84	13	4200	1002
61	2 2.9S	139 57.0W	5 SEP 96	1638	73	17	4320	1003
71	2 59.8S	139 55.8W	5 SEP 96	2337	82	13	4305	4009
81	3 59.8S	139 55.8W	6 SEP 96	817	77	16	4500	1004
91	4 59.3S	139 55.3W	7 SEP 96	248	117	18	4320	1008
101	7 0.0S	126 23.1W	11 SEP 96	205	95	14	4380	1003
111	7 57.2S	125 2.0W	11 SEP 96	2110	82	20	4500	1008
121	6 0.0S	124 59.8W	12 SEP 96	1047	94	17	4410	1004
131	4 0.6S	125 0.2W	13 SEP 96	156	104	16	4500	1004
141	2 2.6S	124 57.0W	14 SEP 96	302	96	16	4695	530
151	0 14.7S	124 20.7W	14 SEP 96	1831	122	9	4650	1001
161	5 6.9N	124 49.8W	16 SEP 96	721	142	5	4387	3004
171	6 0.1N	124 59.1W	17 SEP 96	1	163	10	4380	1002
181	6 59.9N	124 59.6W	17 SEP 96	642	169	16	4560	1002
191	8 1.2N	124 58.8W	18 SEP 96	205	230	6	4702	1002

GP6-96-KA CRUISE TRACK
September 27 – October 27, 1996
San Diego, CA – Manzanillo, Mexico

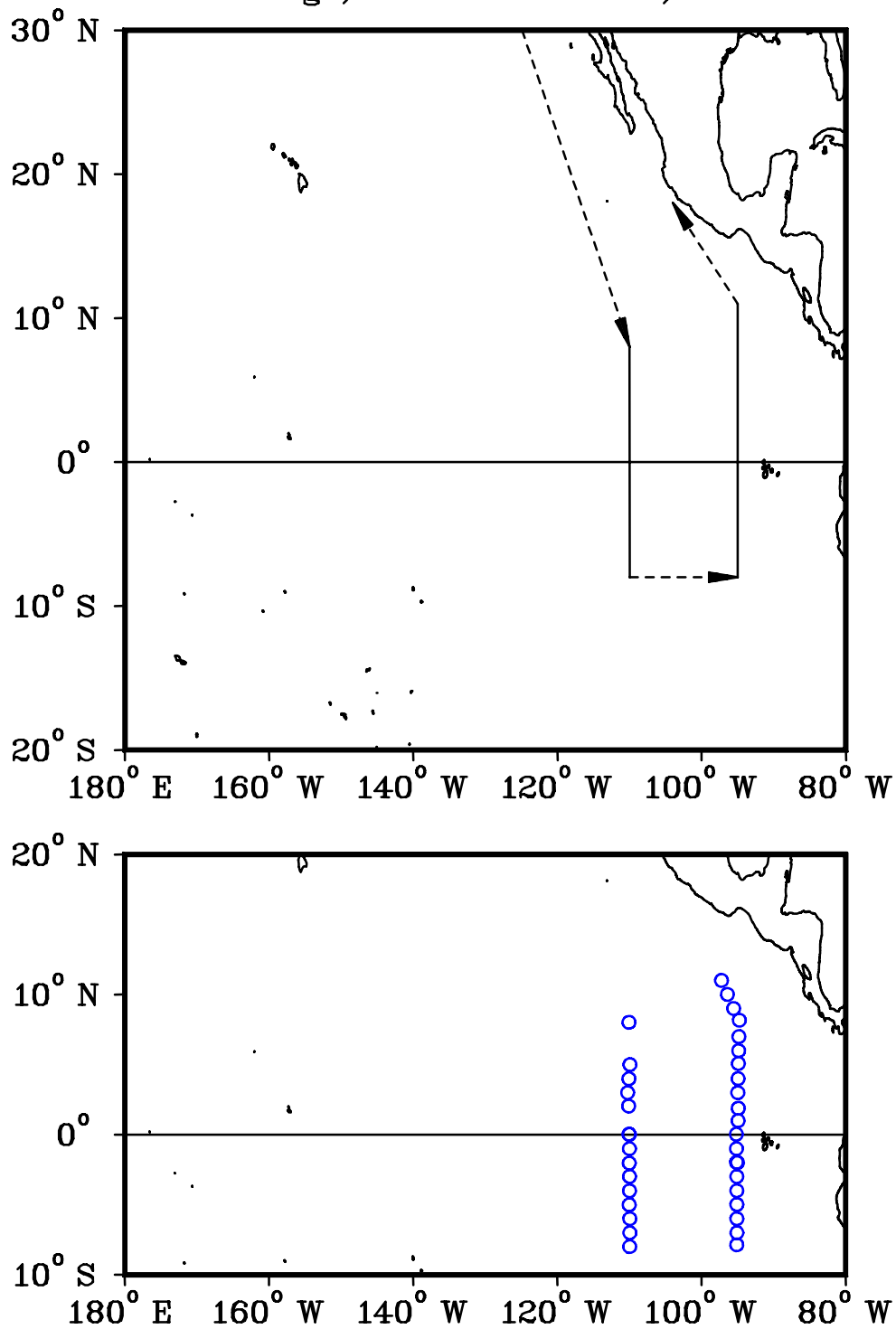


Figure 1n. GP6-96-KA cruise track and station locations.

Table 1n. GP6-96-KA CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
11	8 1.1N	110 3.3W	6 OCT 96	547	222	12	4200	3005
21	5 0.0N	109 55.5W	7 OCT 96	1947	161	18	3960	1004
31	3 59.6N	110 5.2W	8 OCT 96	358	147	9	3918	1002
41	2 59.9N	110 14.9W	8 OCT 96	1018	131	11	3738	1003
51	2 2.6N	110 6.7W	9 OCT 96	245	117	14	3673	1002
61	0 2.2N	110 3.4W	10 OCT 96	301	101	10	3750	3003
62	0 1.2N	110 0.1W	11 OCT 96	33	79	12	3775	504
71	0 59.8S	109 59.9W	11 OCT 96	803	98	12	3969	1003
81	2 1.6S	110 1.0W	11 OCT 96	2323	114	13	3922	1003
91	2 59.0S	109 59.0W	12 OCT 96	609	101	16	3900	1001
101	4 0.1S	109 59.4W	12 OCT 96	1303	106	12	3924	1003
111	5 0.1S	110 1.2W	12 OCT 96	2044	111	14	3397	1001
121	5 59.7S	109 57.3W	13 OCT 96	340	108	14	3480	1002
131	6 59.9S	109 56.7W	13 OCT 96	1027	92	13	3450	1002
141	7 59.3S	109 58.5W	13 OCT 96	2339	131	14	3360	3002
151	7 51.3S	95 6.6W	18 OCT 96	217	110	13	3750	1004
161	6 59.8S	95 4.6W	18 OCT 96	827	91	6	3900	1004
171	5 59.9S	95 5.1W	18 OCT 96	1447	103	8	3900	1002
181	4 58.9S	95 5.1W	18 OCT 96	2209	114	17	3787	1002
191	4 0.0S	95 5.6W	19 OCT 96	433	130	13	3673	1001
201	2 59.3S	95 6.1W	19 OCT 96	1106	120	11	3578	1002
211	1 58.2S	95 8.5W	19 OCT 96	1739	119	10	3420	1001
212	1 59.4S	95 1.3W	20 OCT 96	228	117	12	3352	503
221	0 59.9S	95 8.8W	20 OCT 96	850	127	9	3327	1002
231	0 2.2N	95 9.8W	20 OCT 96	1653	135	13	3300	3000
241	1 0.0N	94 55.2W	21 OCT 96	639	160	7	3517	1002
251	1 53.1N	94 53.9W	21 OCT 96	1316	166	9	2850	2503
261	2 59.8N	94 57.6W	22 OCT 96	146	211	9	2713	1001
271	4 0.0N	94 55.0W	22 OCT 96	814	216	10	3133	1001
281	5 4.8N	94 53.2W	22 OCT 96	1554	191	13	3570	3002
291	5 59.6N	94 50.7W	23 OCT 96	12	213	12	3720	1004
301	6 59.9N	94 49.0W	23 OCT 96	631	208	8	3792	1002
311	8 10.1N	94 45.4W	23 OCT 96	2200	318	6	3708	3002
321	9 0.2N	95 32.7W	25 OCT 96	248	67	7	3180	1000
331	10 0.8N	96 23.8W	25 OCT 96	1030	47	5	3954	1003
341	11 0.5N	97 13.7W	25 OCT 96	1827	80	4	4080	3022

GP7-96-KA CRUISE TRACK
November 22 – December 18, 1996
Honolulu, HI – Honolulu, HI

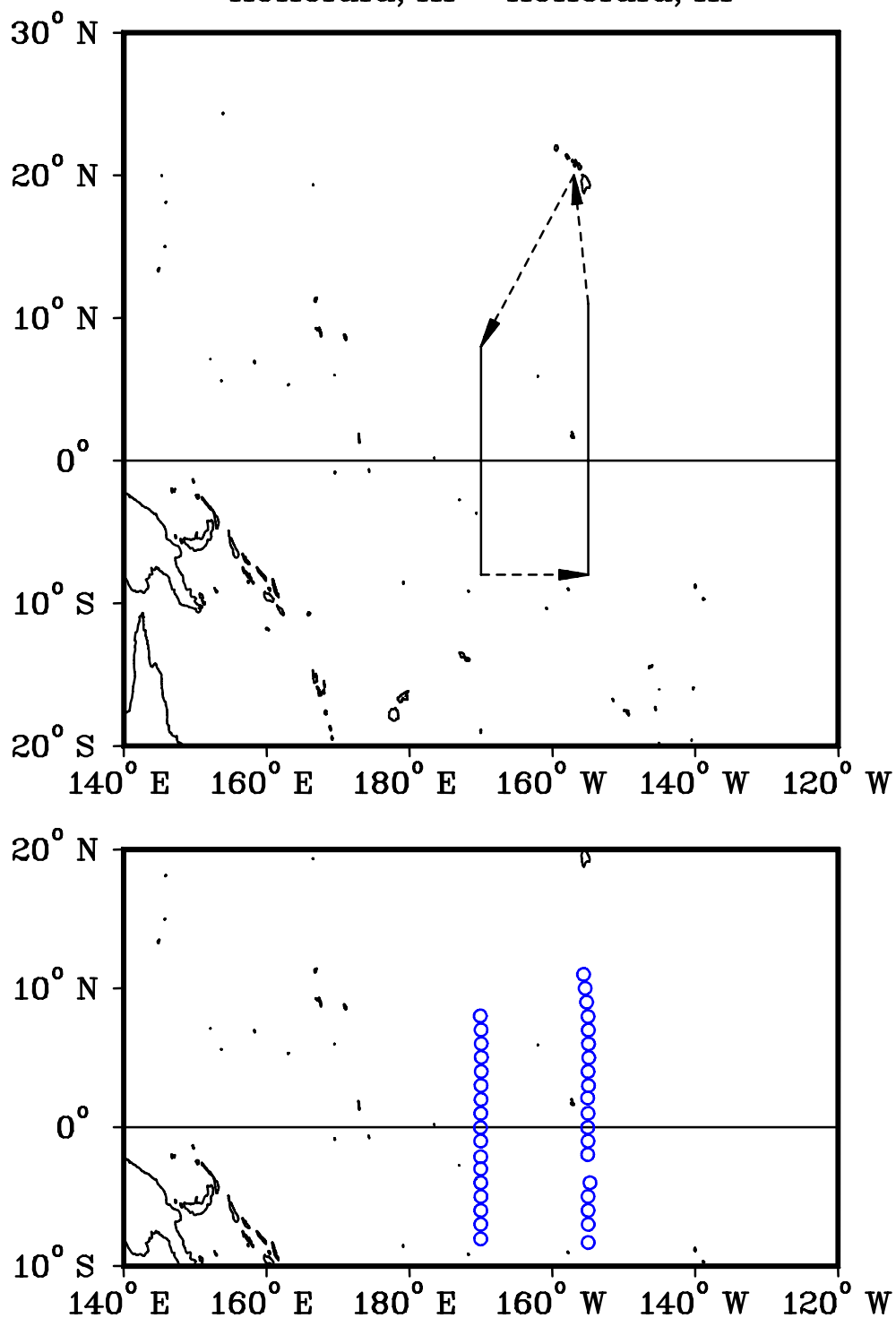


Figure 1a. GP7-96-KA cruise track and station locations.

Table 1o. GP7-96-KA CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
11	8 0.6N	170 4.7W	27 NOV 96	846	67	19	5460	3002
21	7 0.6N	169 58.3W	28 NOV 96	630	62	16	5820	1005
31	6 1.1N	169 56.5W	28 NOV 96	1445	96	23	5400	1001
41	5 2.2N	169 56.0W	29 NOV 96	25	103	12	5580	1002
51	4 0.8N	169 56.9W	29 NOV 96	826	65	3	5480	1003
61	3 0.1N	169 59.0W	29 NOV 96	1637	51	5	5460	1002
71	1 59.9N	169 58.3W	30 NOV 96	1027	356	8	5350	1005
81	0 59.9N	170 1.3W	30 NOV 96	1747	352	4	5460	1001
91	0 1.5S	170 2.8W	1 DEC 96	123	106	1	5580	1001
101	0 59.7S	170 1.6W	1 DEC 96	756	62	3	5460	1001
111	2 7.8S	170 1.6W	1 DEC 96	1530	16	8	4680	1002
121	2 59.9S	170 2.3W	2 DEC 96	906	54	5	5175	1003
131	3 59.8S	170 1.0W	2 DEC 96	1531	38	5	5460	1001
141	4 59.4S	170 0.3W	2 DEC 96	2327	50	10	5400	1002
151	5 59.6S	170 0.8W	3 DEC 96	622	3	11	4800	1002
161	6 59.3S	170 1.4W	3 DEC 96	1309	11	11	4680	1002
171	8 2.3S	170 1.8W	4 DEC 96	404	3	8	5220	1002
181	8 18.0S	154 58.4W	8 DEC 96	9	71	11	5250	1001
191	6 59.8S	154 58.3W	8 DEC 96	906	71	14	5160	1007
201	5 59.4S	154 58.9W	8 DEC 96	1622	94	19	5220	1002
211	4 59.1S	155 0.0W	9 DEC 96	711	85	20	4860	1007
221	3 59.9S	154 44.4W	9 DEC 96	1501	102	19	9999	1005
231	1 58.1S	155 2.9W	10 DEC 96	605	67	18	4800	1003
241	1 0.2S	155 0.1W	10 DEC 96	1351	73	19	4740	1001
251	0 1.2S	155 2.6W	11 DEC 96	733	94	17	4680	3003
261	0 59.9N	154 59.9W	11 DEC 96	1554	119	16	9999	1004
271	2 6.3N	155 3.2W	12 DEC 96	353	115	21	4710	3003
281	2 59.7N	154 56.6W	13 DEC 96	513	86	19	4800	1004
291	4 0.6N	154 59.6W	13 DEC 96	1205	101	20	4690	1002
301	5 0.4N	154 54.8W	13 DEC 96	2042	90	12	4560	3002
311	5 59.9N	154 56.0W	14 DEC 96	511	108	15	4800	1004
321	6 59.7N	154 57.1W	14 DEC 96	1218	124	9	4800	1002
331	7 58.2N	154 59.7W	15 DEC 96	513	86	5	5160	3007
341	9 0.3N	155 11.9W	15 DEC 96	1339	149	1	5280	1003
351	10 0.2N	155 24.4W	15 DEC 96	2035	106	13	5880	1003
361	11 0.0N	155 37.7W	16 DEC 96	356	54	11	5760	3004

Table 2. Station groupings for CTD conductivity calibrations.

Cruise	Stations	Sensor S/N	Standard Seawater	Fitting Routine	Points Used	Total Points	Percent Points Used	Fit Standard Deviation (mS/cm)	Conductivity (mS/cm)		Minimum Fit Slope	Maximum Fit Slope
									Conductivity Fit Bias	Conductivity Fit Bias		
GP1-495	1-18	1467	P114	Calcos2	169	196	86.22	0.001077	-0.001483193	1.0002803	1.0003865	
	19-50	1467	P114	Calcos2	344	378	91.01	0.001792	-0.011024989	1.0005484	1.0007496	
	51-65	1467	P114	Calcos2	95	117	81.20	0.001161	-0.008854283	1.0004157	1.0004840	
	66-81	1467	P114	Calcos2	161	192	83.85	0.001970	-0.012371588	1.0005701	1.0007338	
	82-87	1230	P114	Calcos1	58	72	80.56	0.001040	-0.012591445	1.0005433	1.0005563	
	88-104	1467	P114	Calcos2	167	204	81.86	0.001470	-0.013652733	1.0006917	1.0007495	
GP595	1-27	1467	P105/P122	Calcos1	147	160	91.88	0.003490	-0.000897203	1.0004150	1.0008018	
GP695	1-28	1467	P122	Calcos1	269	320	84.06	0.002034	-0.002803812	1.0005963	1.0006301	
GP7-895	1-17	1467	Calcos1	Calcos1	192	231	88.12	0.003314	0.003176611	1.0003521	1.0004143	
	18-33	1467	Calcos1	Calcos1	215	226	95.13	0.001368	0.006256279	1.0000903	1.0001636	
	34-37	1467	Calcos1	Calcos1	45	47	95.74	0.000939	0.002220803	1.0003387	1.0003439	
	2-14	1467	P129	Calcos2	117	130	90.00	0.001910	0.003098345	1.0000148	1.0000252	
GP1-296	15-19	1467	P129	Calcos2	44	50	88.00	0.001934	0.006191831	0.9998419	0.9998728	
	20-27	1467	P129	Calcos2	58	70	82.86	0.001885	-0.002079119	1.0002017	1.0002687	
	28-36	1467	P129	Calcos2	80	88	90.91	0.002486	0.000631633	1.0000853	1.0001812	
	37-41	1467	P129	Calcos2	44	50	88.00	0.001678	-0.001449413	1.0002922	1.0004167	
	47-50	1467	P129	Calcos2	37	39	94.87	0.002569	-0.003806176	1.0002953	1.0004239	
	51-58	1467	P129	Calcos2	65	76	85.53	0.001476	-0.007155130	1.0005586	1.0005929	
	GP396	1-17	1536	P127	Calcos2	98	120	81.67	0.001039	-0.000470645	1.0000317	1.0001249
		18-23	1536	P127	Calcos2	35	36	97.22	0.002003	-0.006407324	1.0002996	1.0004012
	GP496	1-11	1536	P127	Calcos2	66	82	80.49	0.001331	-0.006608040	1.0003473	1.0004188
		12-29	1536	P127	Calcos2	95	108	87.96	0.000863	-0.007682406	1.0004215	1.0004535
GP596	1-19	1536	P127	Calcos3	107	117	91.45	0.001109	-0.009844470	1.0004252	1.0005421	
GP696	1-34	1536	P127	Calcos4	237	252	94.05	0.001339	-0.009376353	1.0004883	1.0006705	
	1-36	1536	P127	Calcos3	176	202	87.13	0.000753	-0.017728720	1.0007906	1.0008849	

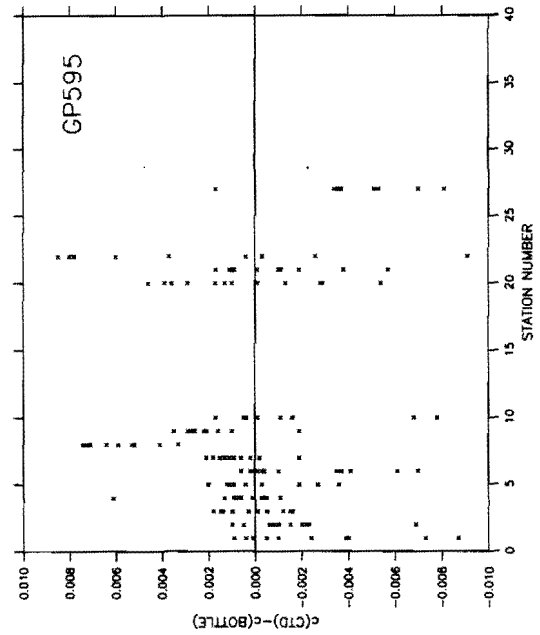
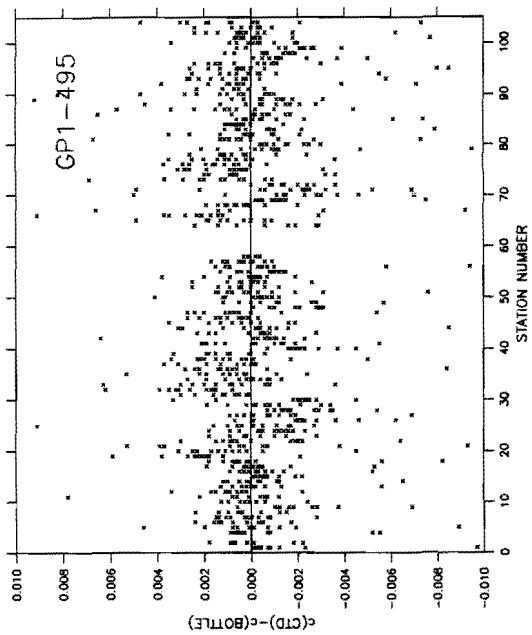
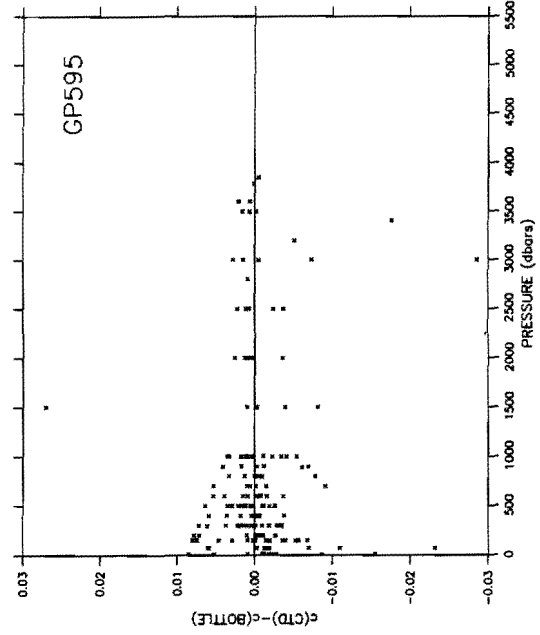
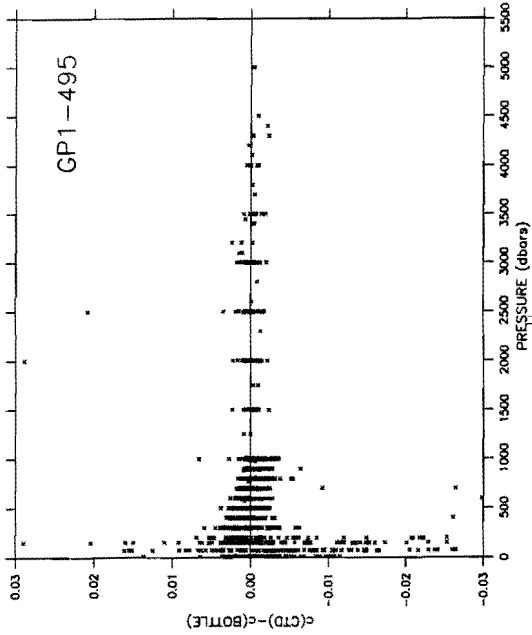


Fig. 2a. Calibrated CTD-bottle conductivity differences plotted against station number and pressure for cruises GP1-495 (upper panels) and GP595 (lower panels).

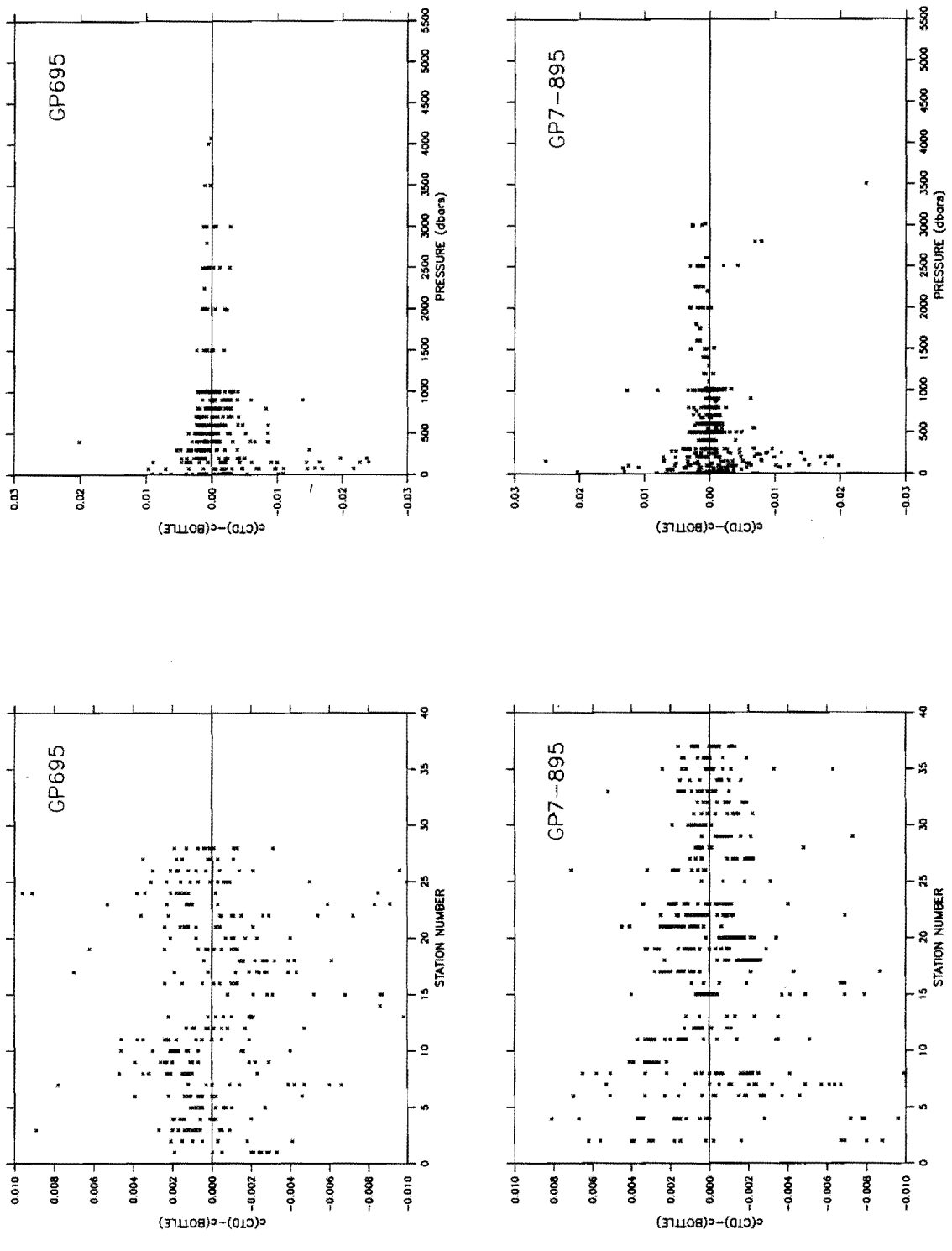


Fig 2b. Calibrated CTD-bottle conductivity differences plotted against station number and pressure for cruises GP695 (upper panels) and GP7-895 (lower panels).

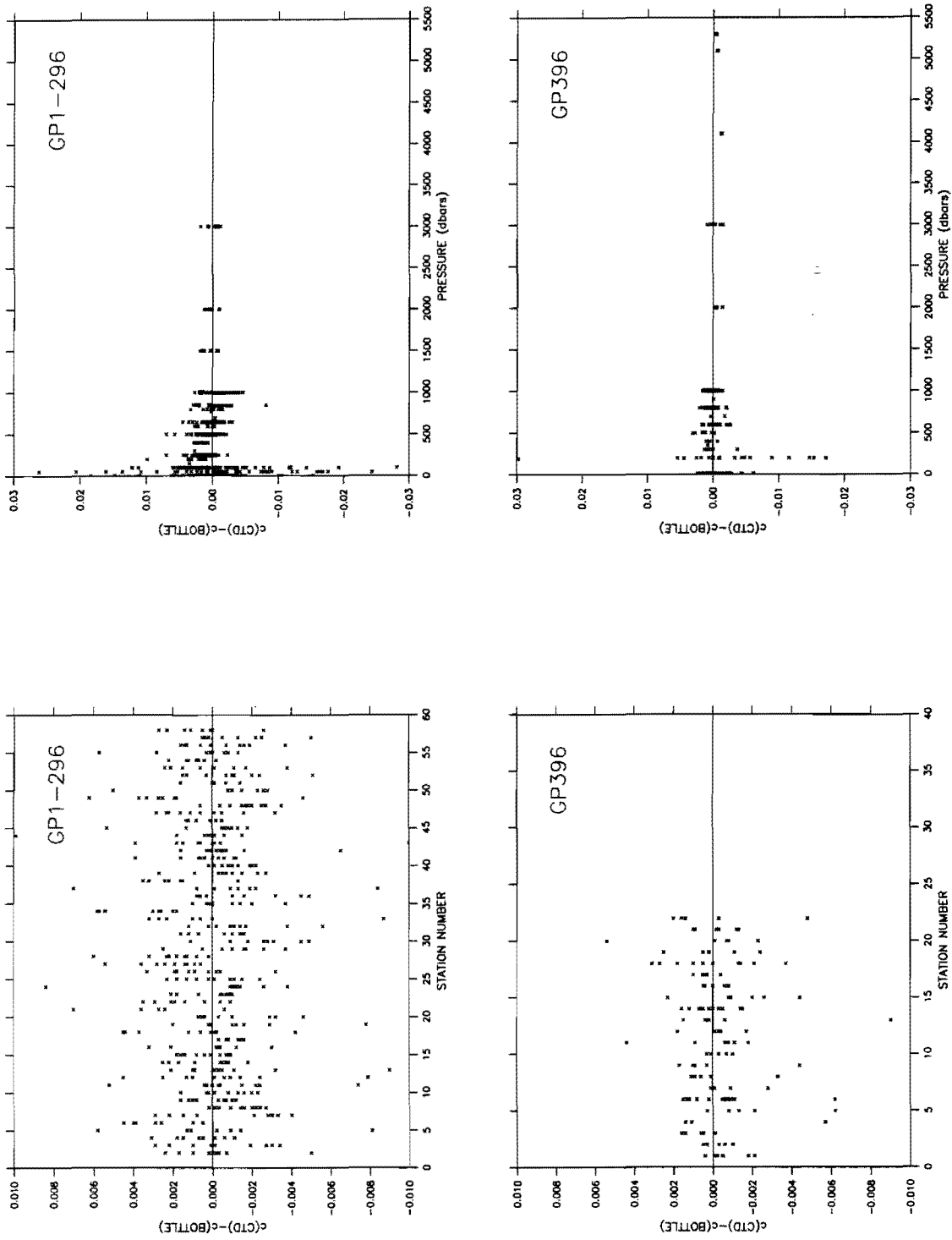


Fig. 2c. Calibrated CTD-bottle conductivity differences plotted against station number and pressure for cruises GP1-296 (upper panels) and GP396 (lower panels).

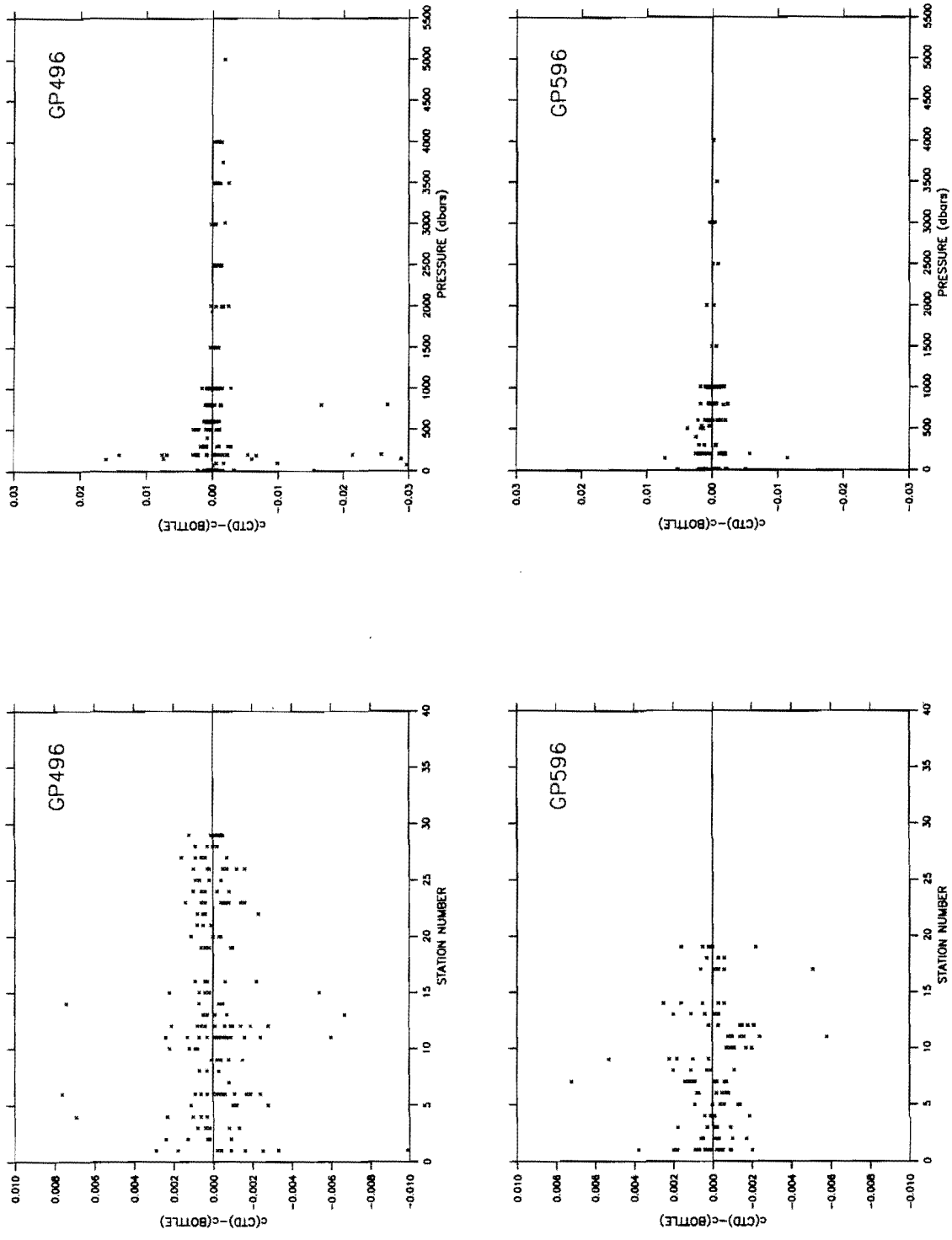


Fig. 2d. Calibrated CTD-bottle conductivity differences plotted against station number and pressure for cruises GP496 (upper panels) and GP596 (lower panels).

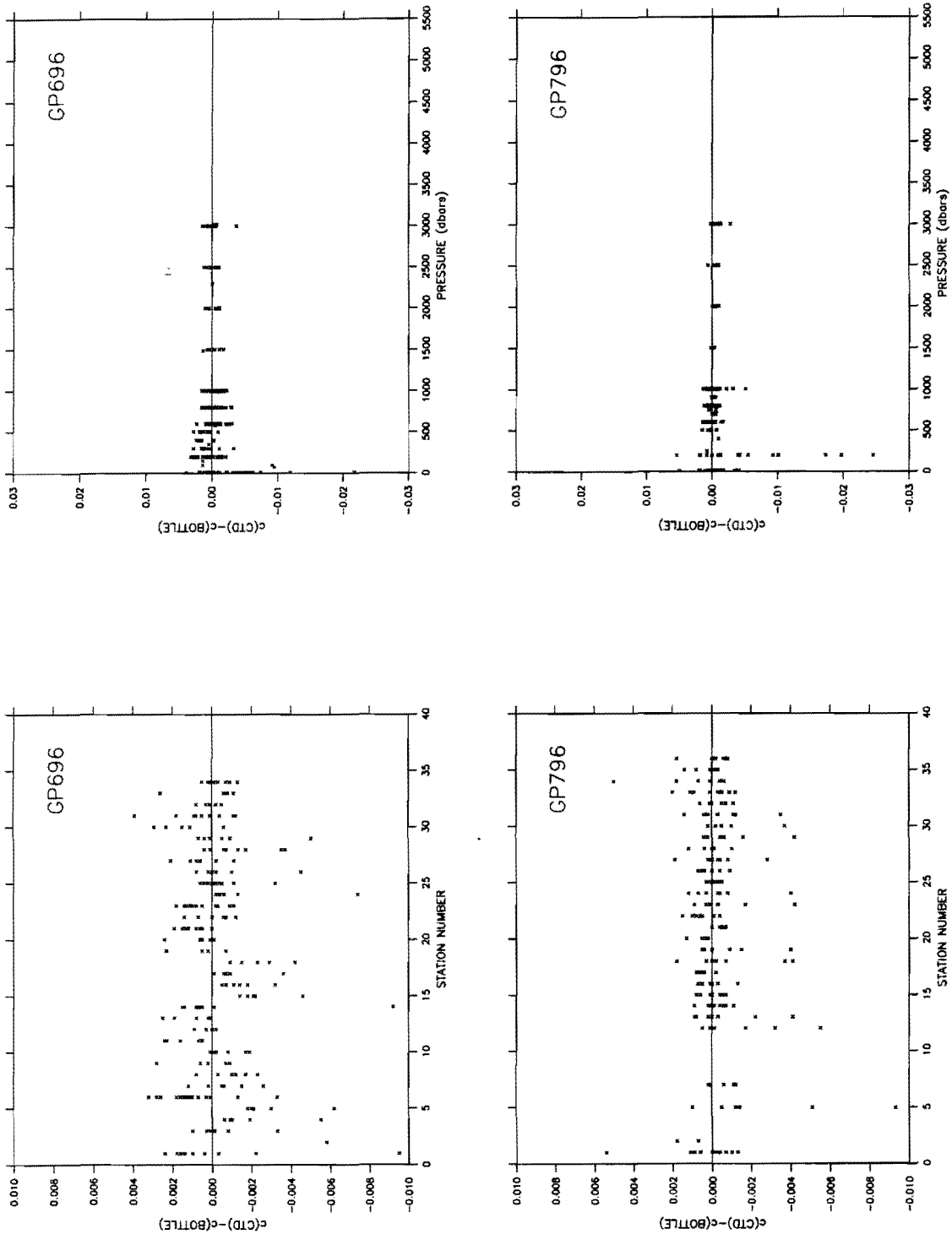


Fig. 2c. Calibrated CTD-bottle conductivity differences plotted against station number and pressure for cruises GP696 (upper panels) and GP796 (lower panels).

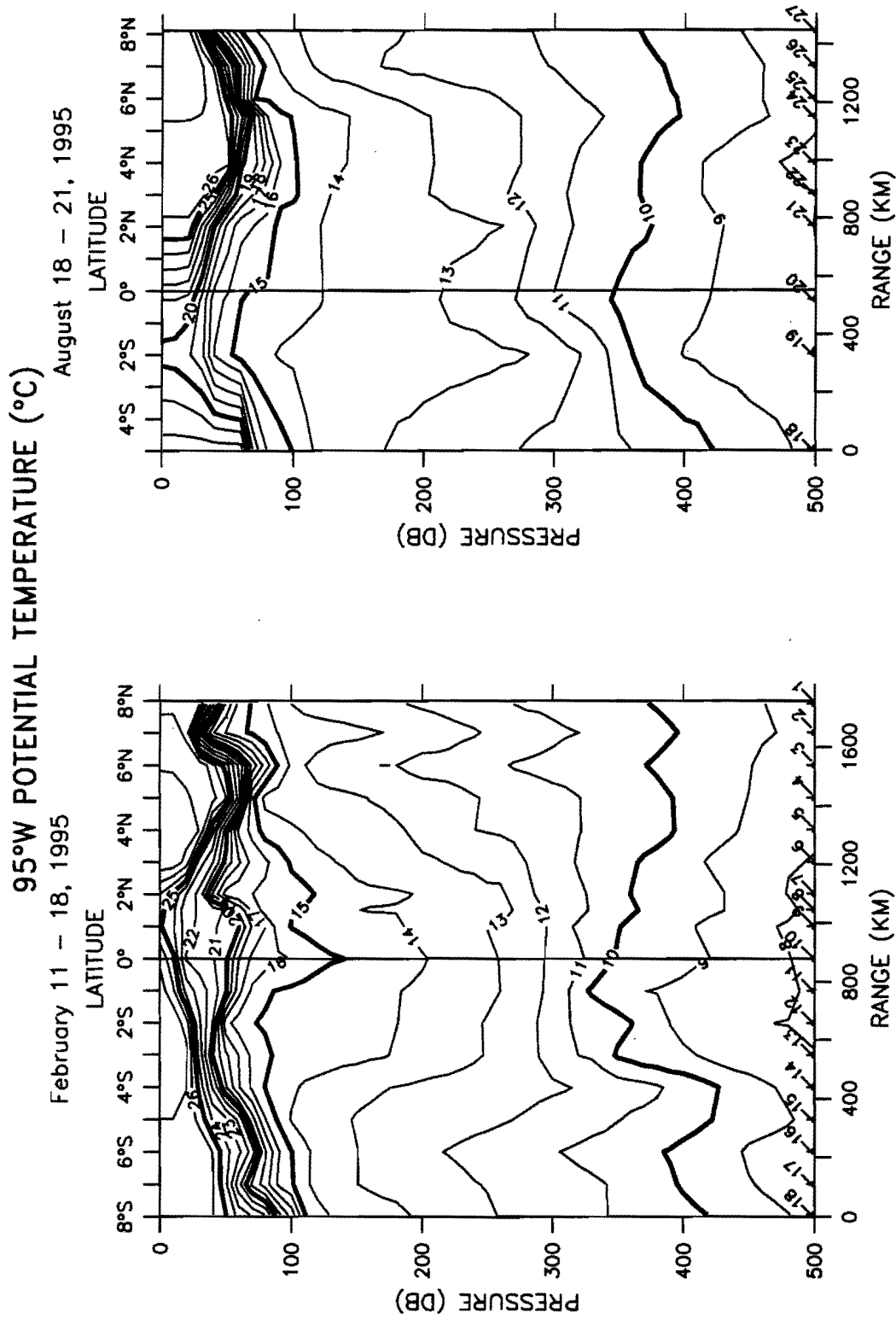


Fig. 3. GP1-95-DI winter and GP5-95-DI summer potential temperature ($^{\circ}\text{C}$) sections along 95°W . Contour intervals are 1°C .

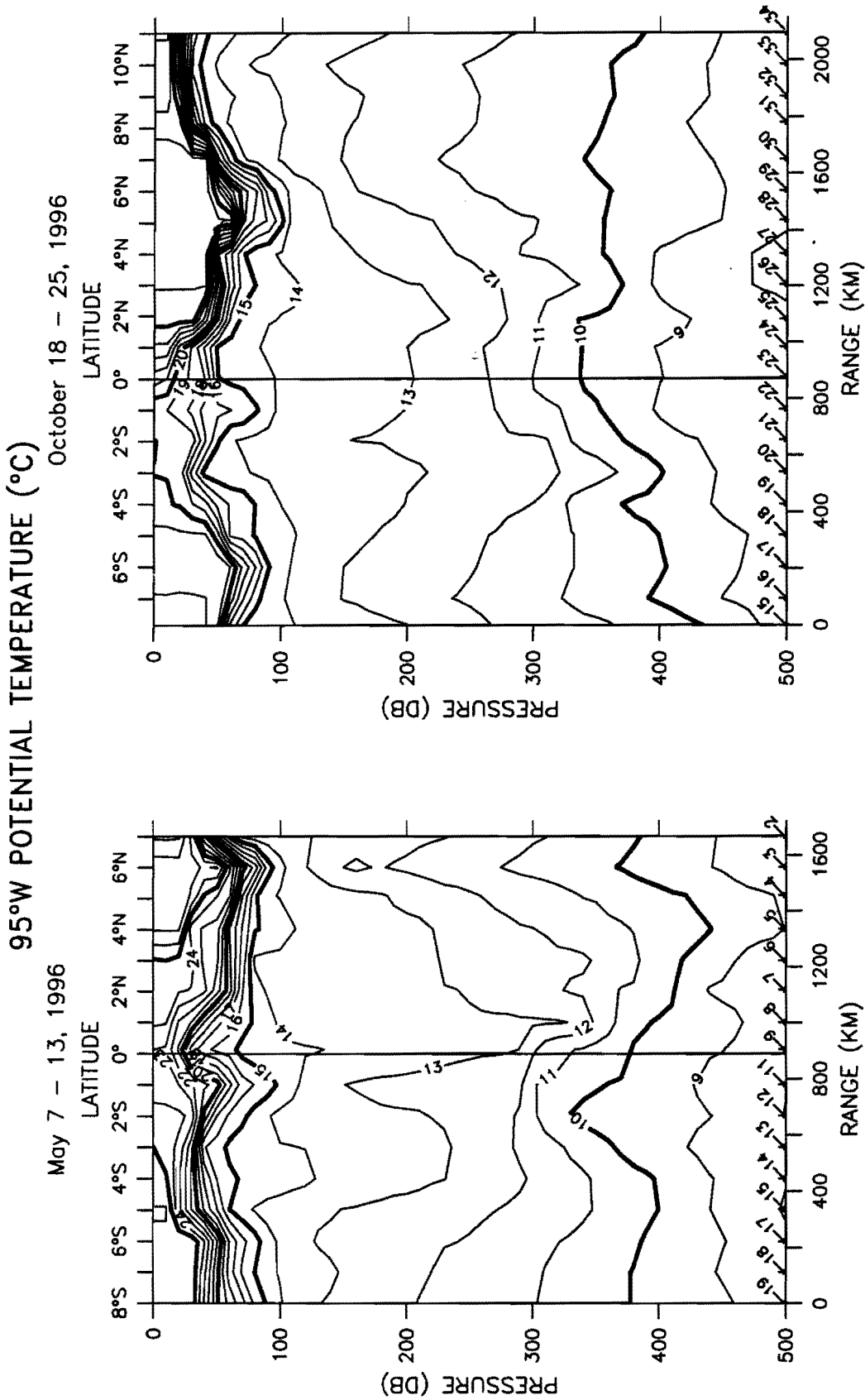
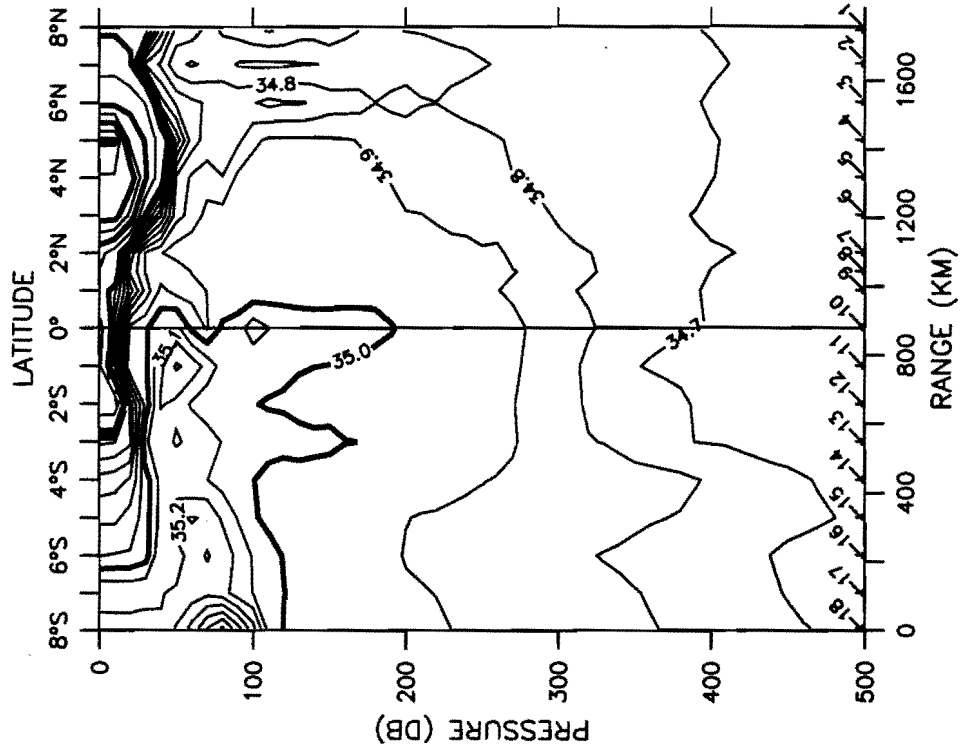


Fig. 4. GP1-96-MB spring and GP6-96-KA fall potential temperature (°C) sections along 95°W. Contour intervals are 1°C.

95°W SALINITY (PSS-78)

February 11 - 18, 1995



August 18 - 21, 1995

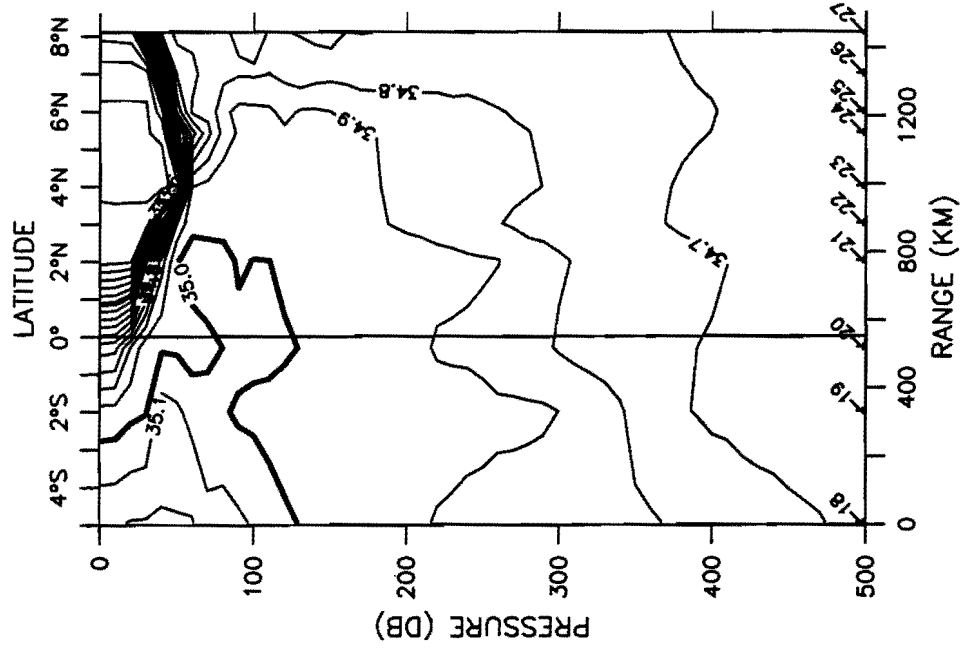
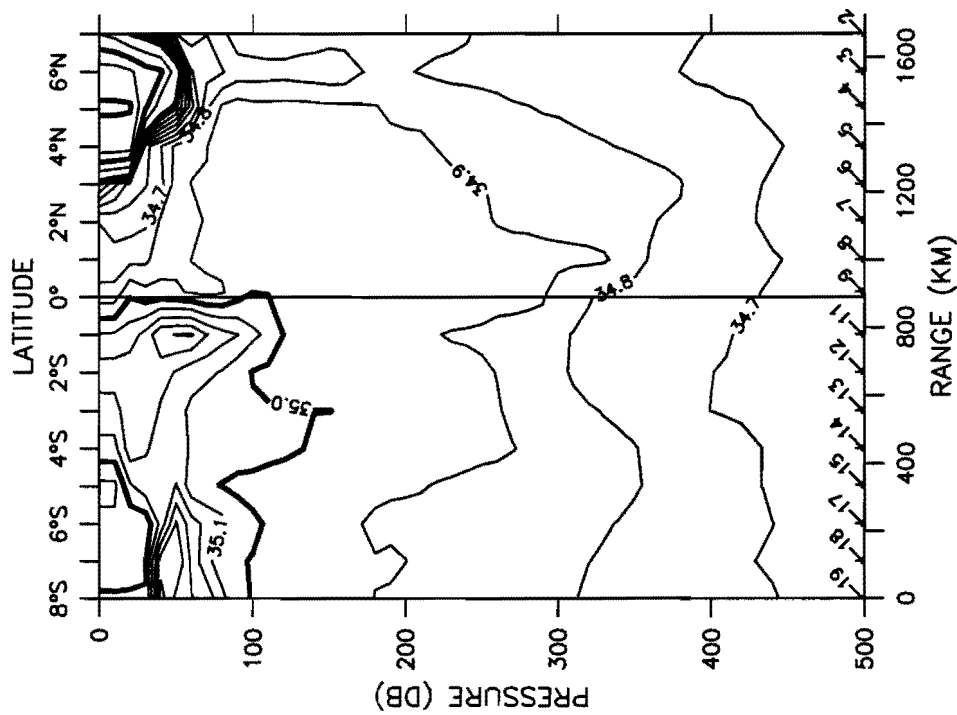


Fig. 5. GP1-95-DI winter and GP5-95-DI summer salinity (PSS-78) sections along 95°W. Contour intervals are 0.1 PSS.

95°W SALINITY (PSS-78)

May 7 - 13, 1996



October 18 - 25, 1996

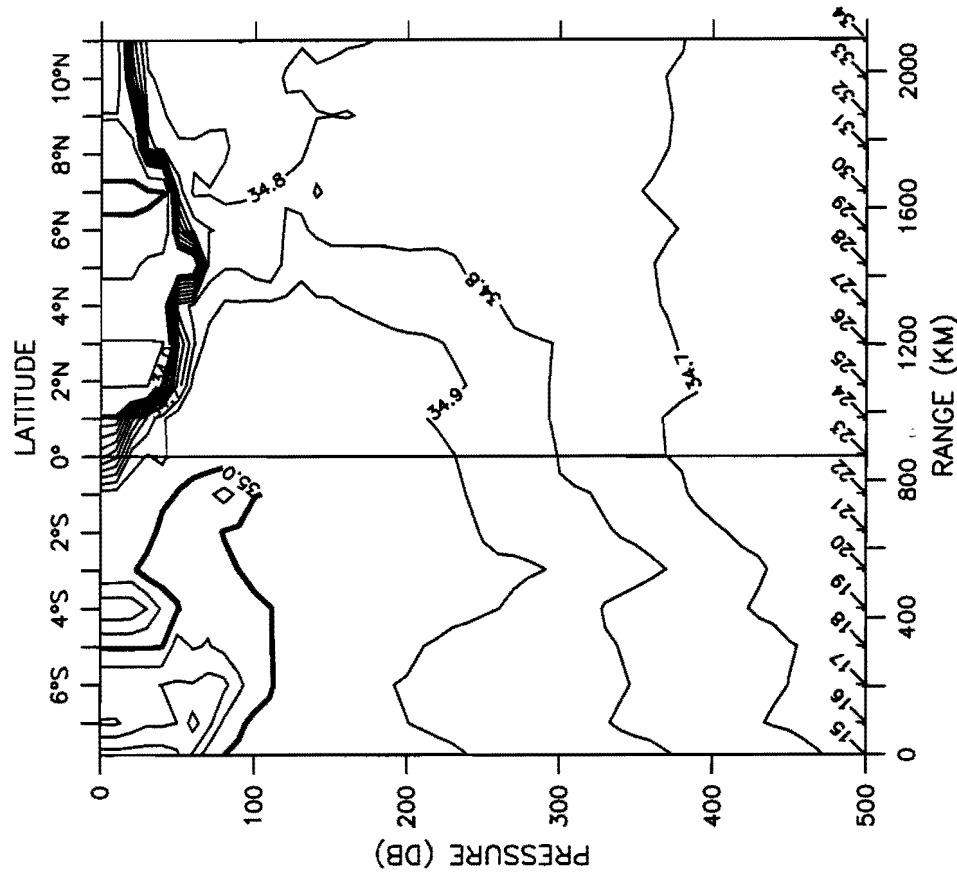


Fig. 6. GP1-96-MB spring and GP6-96-KA fall salinity (PSS-78) sections along 95°W. Contour intervals are 0.1 PSS.

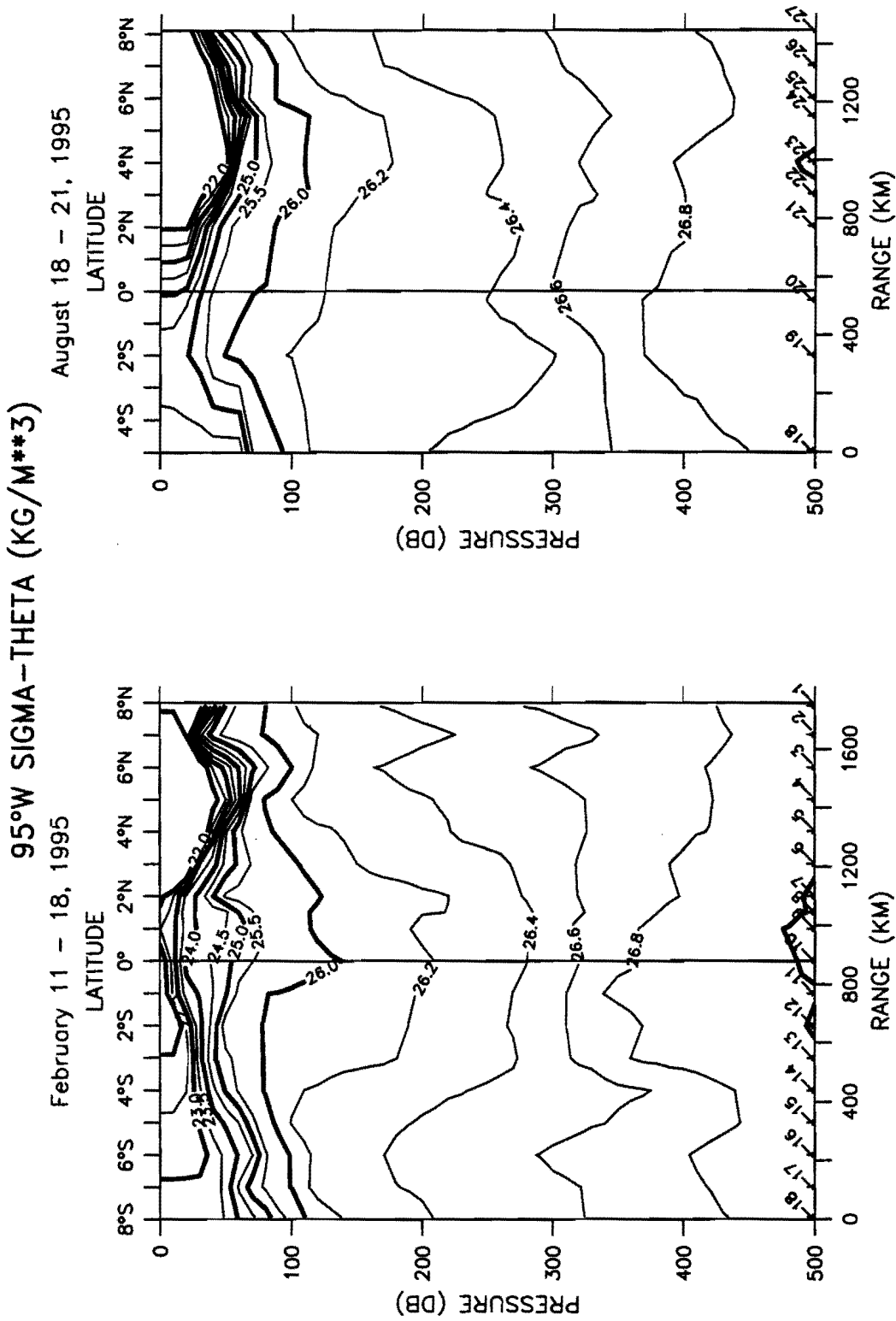


Fig. 7. GP1-95-DI winter and GP5-95-DI summer potential density (kg/m³) sections along 95°W. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

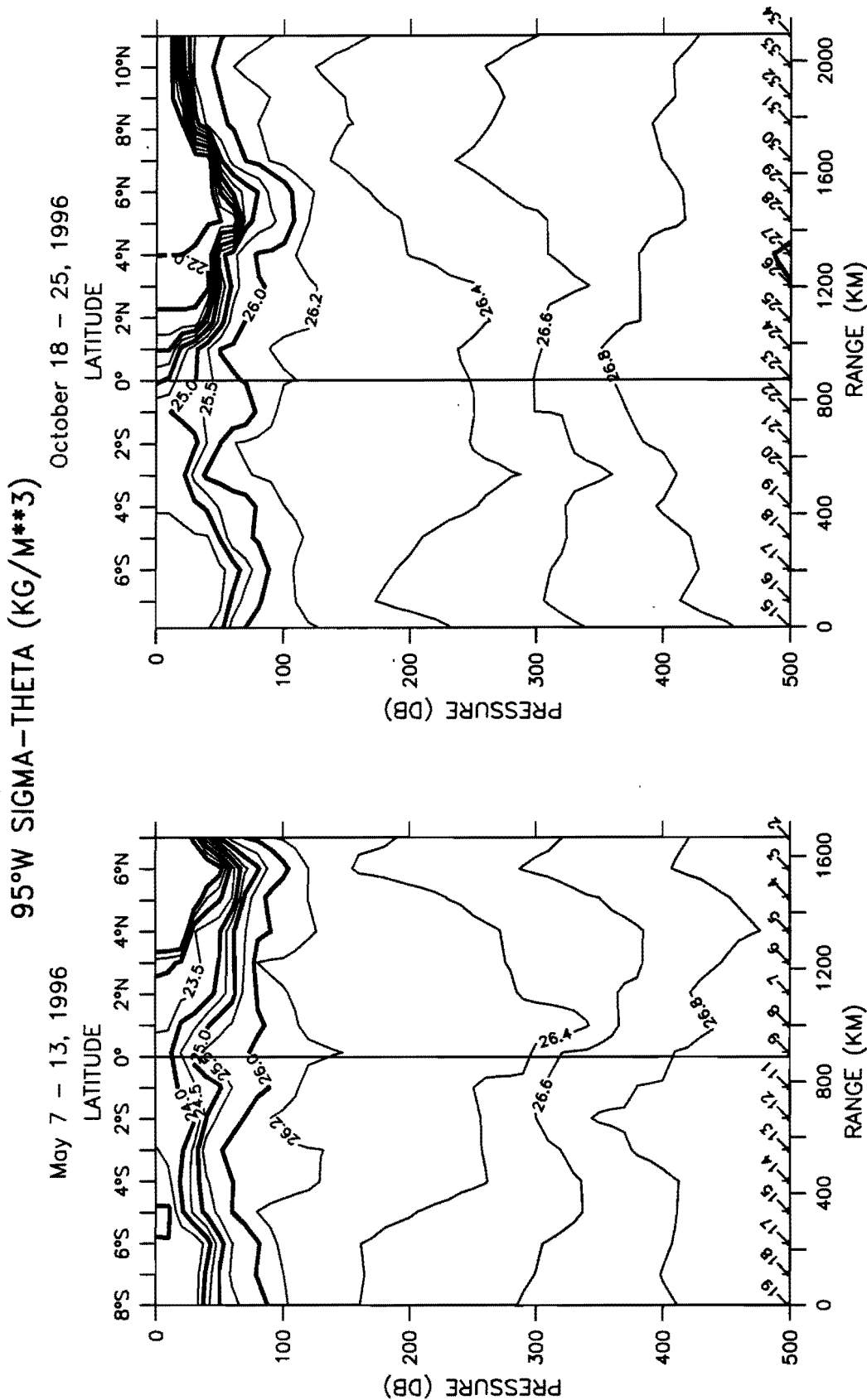


Fig. 8. GP1-96-MB spring and GP6-96-KA fall potential density (kg/m³) sections along 95°W. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

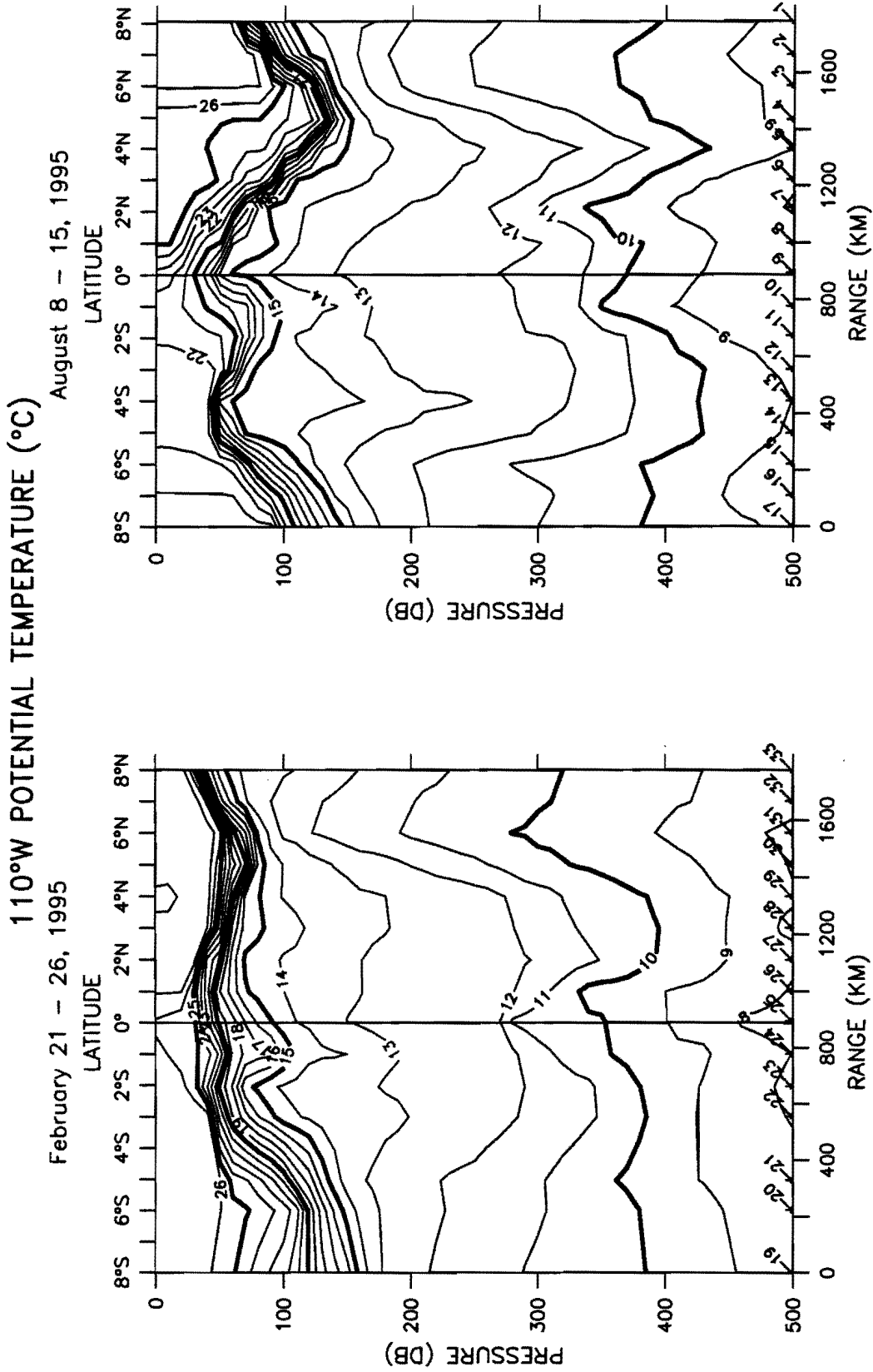


Fig. 9. GP1-95-DI winter and GP5-95-DI summer potential temperature (°C) sections along 110°W. Contour intervals are 1°C.

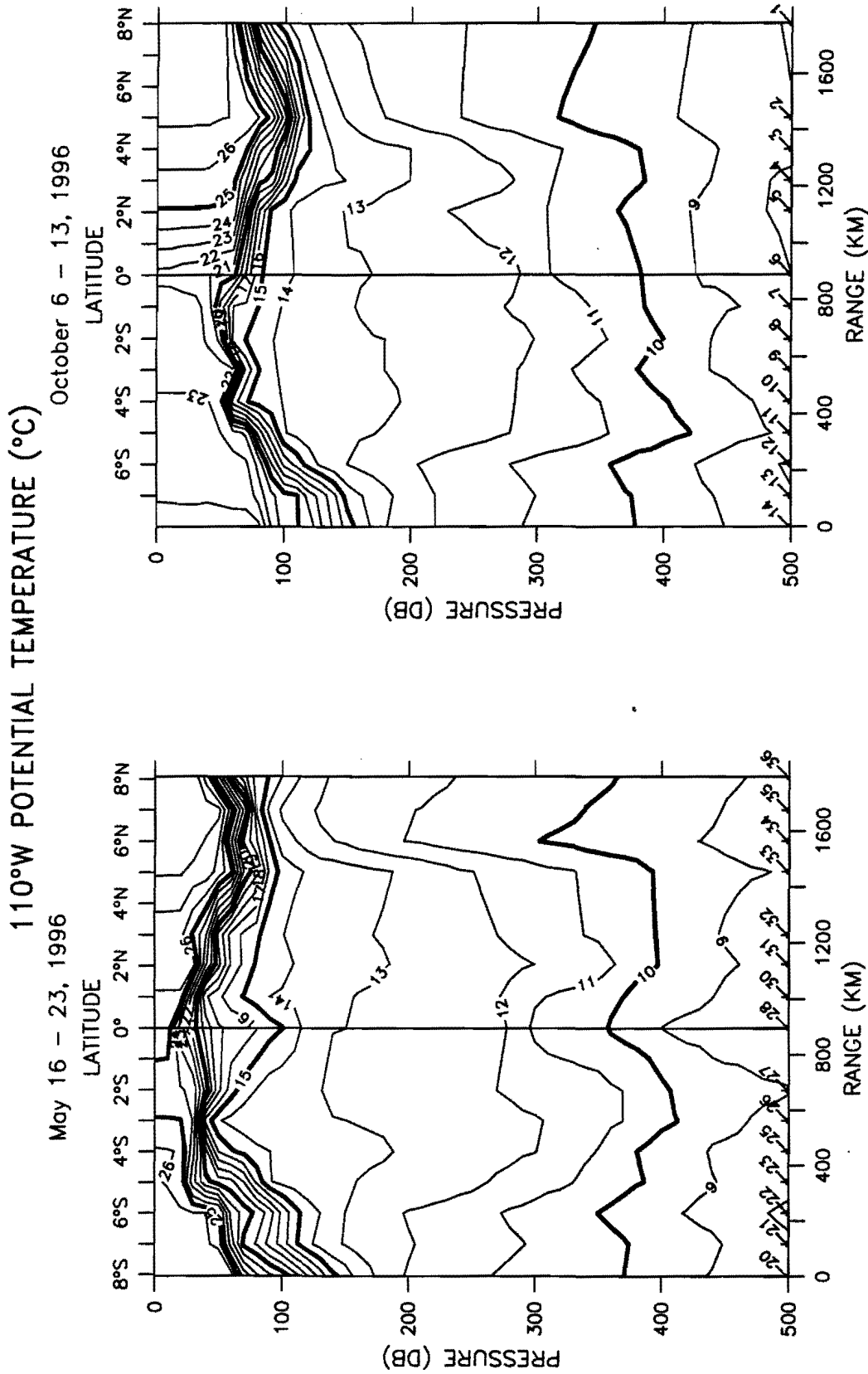
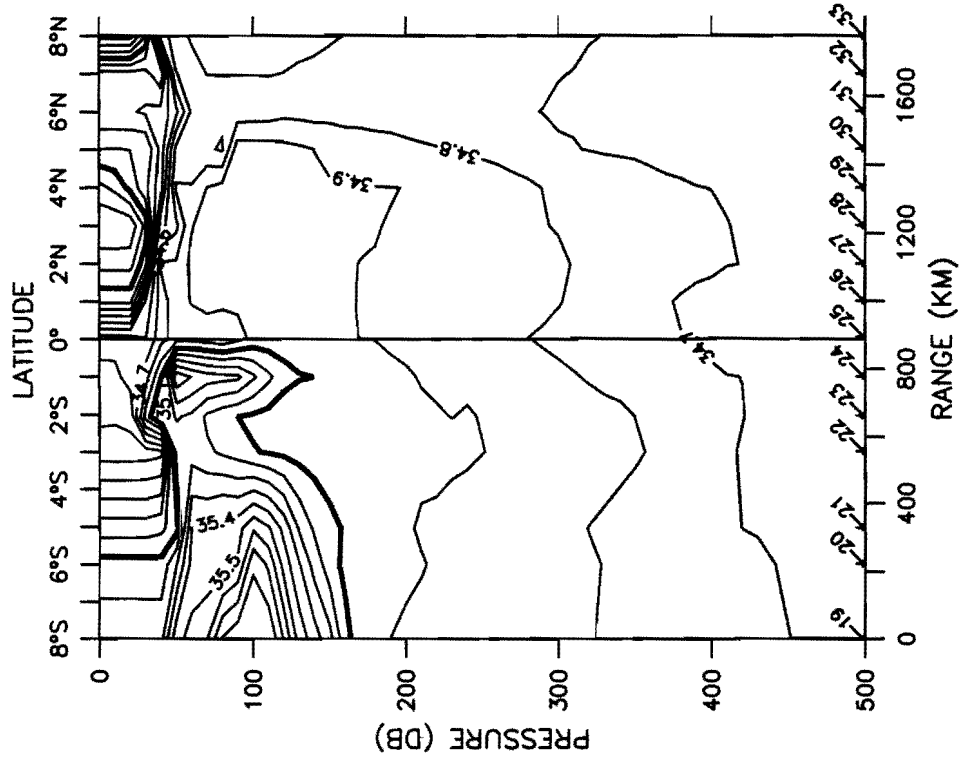


Fig. 10. GP1-96-MB spring and GP6-96-KA fall potential temperature (°C) sections along 110°W. Contour intervals are 1°C.

110°W SALINITY (PSS-78)

February 21 - 26, 1995



August 8 - 15, 1995

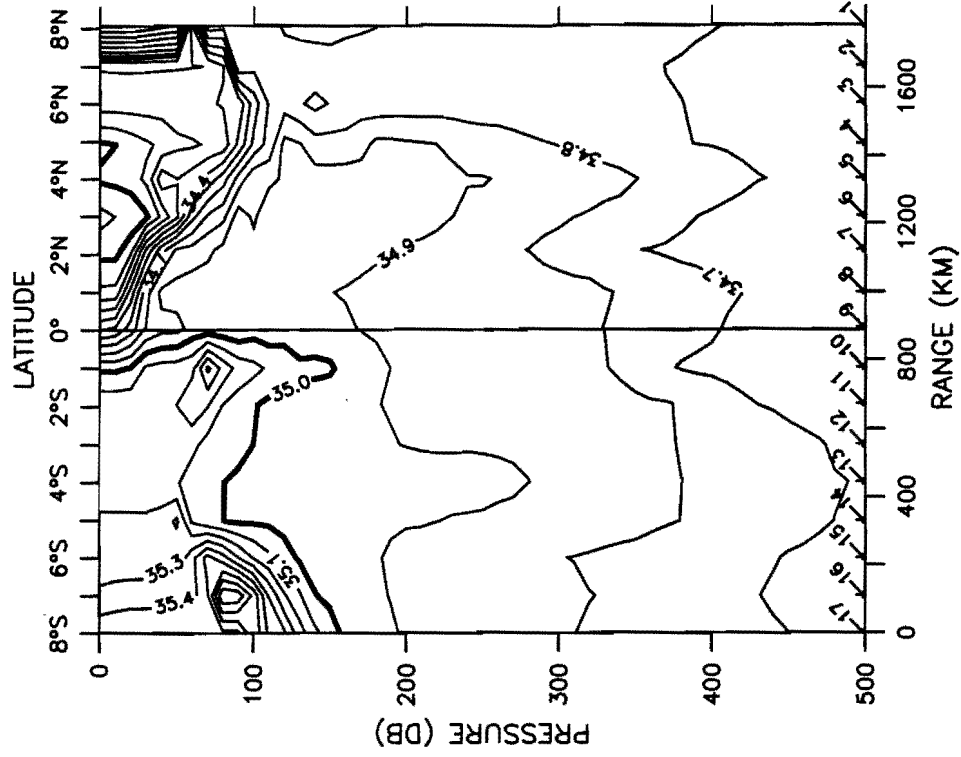
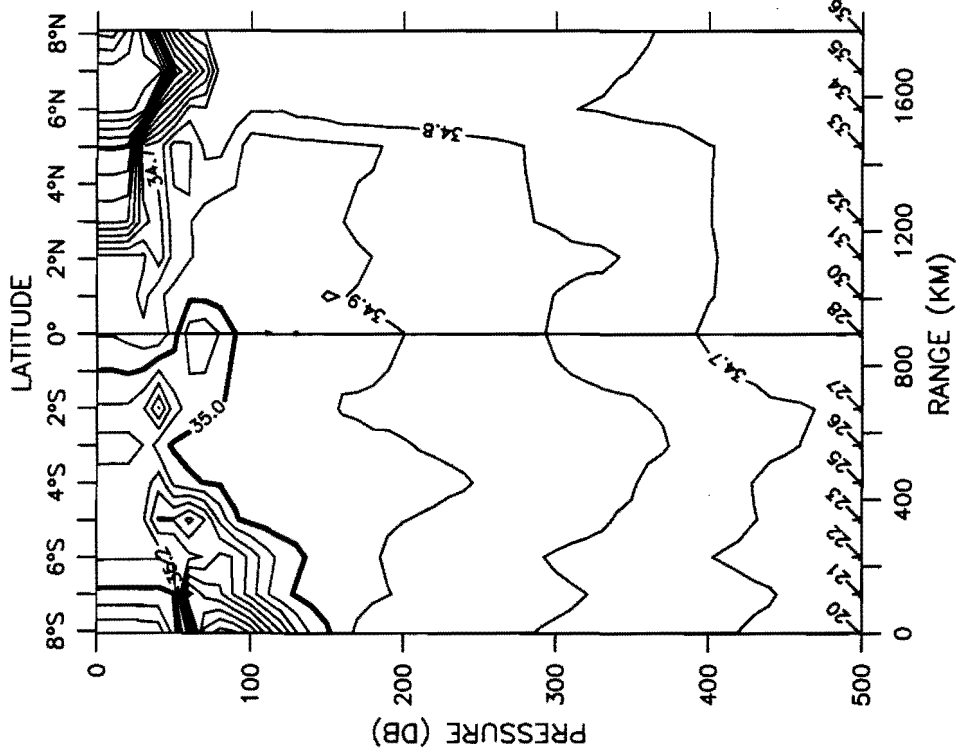


Fig. 11. GP1-95-DI winter and GP5-95-DI summer salinity (PSS-78) sections along 110°W. Contour intervals are 0.1 PSS.

110°W SALINITY (PSS-78)

May 16 - 23, 1996



October 6 - 13, 1996

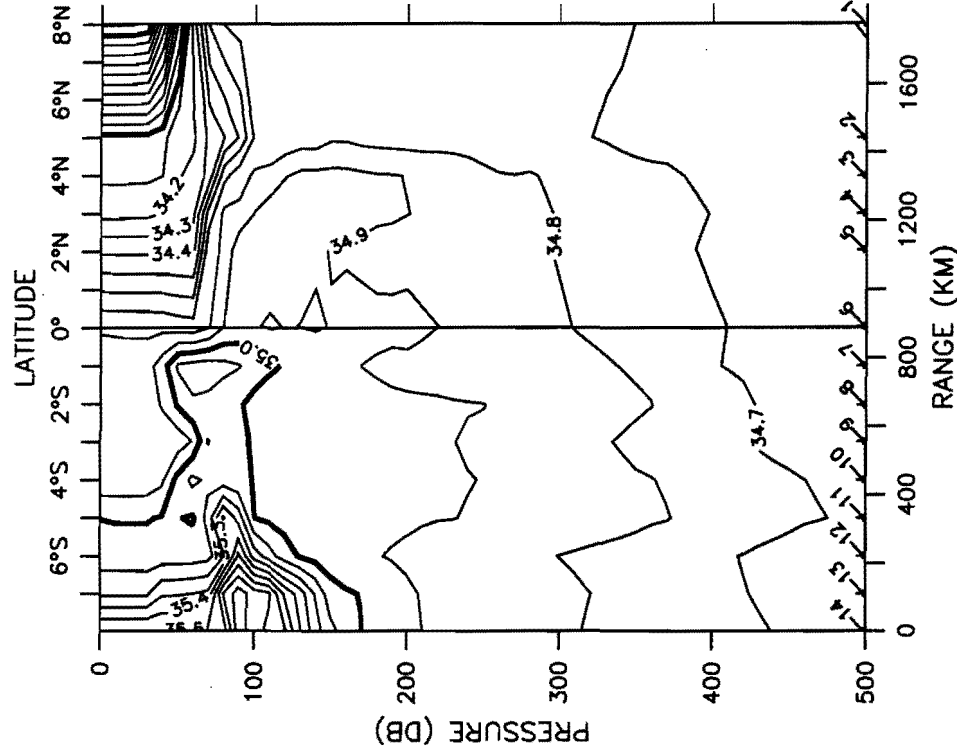
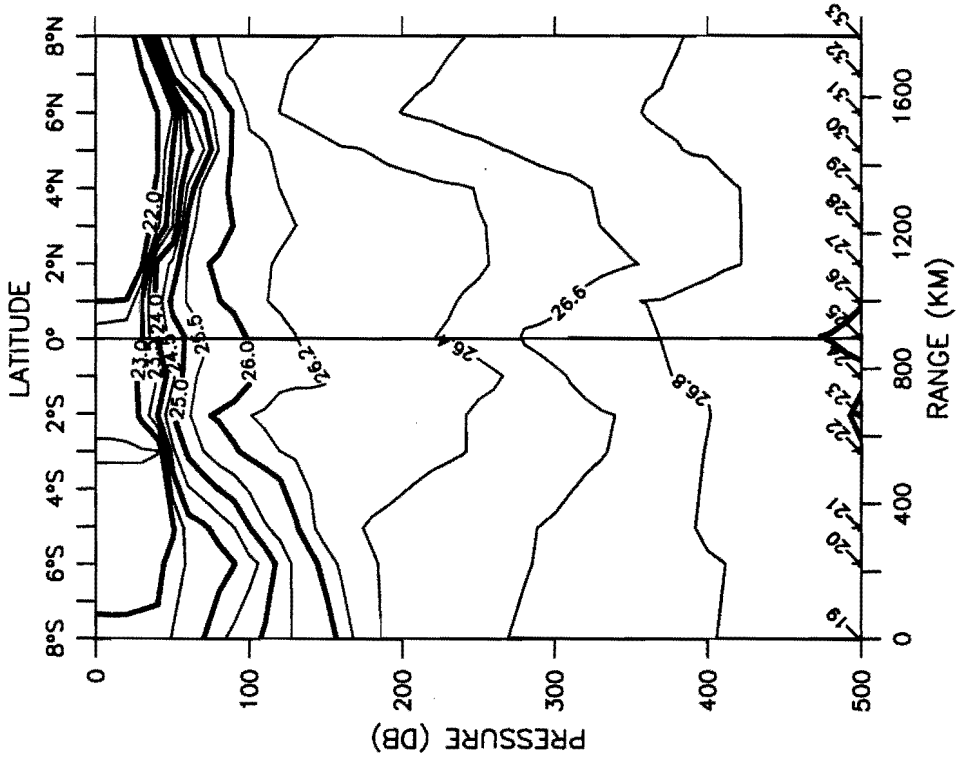


Fig. 12. GP1-96-MB spring and GP6-96-KA fall salinity (PSS-78) sections along 110°W. Contour intervals are 0.1 PSS.

110°W SIGMA-THETA (KG/M**3)

February 21 - 26, 1995



August 8 - 15, 1995

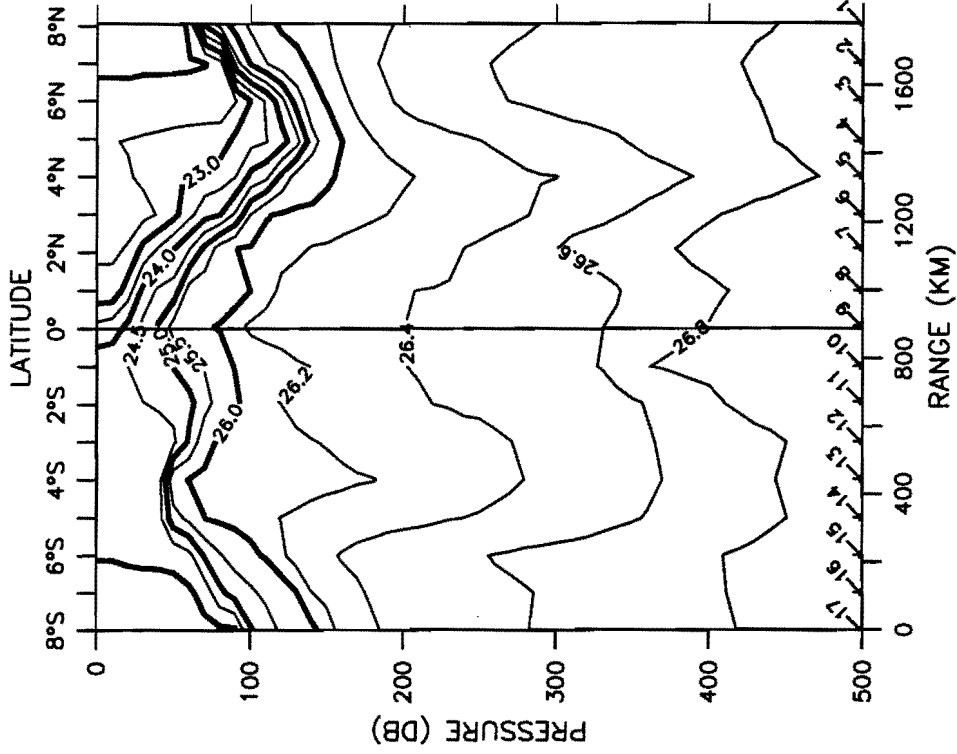
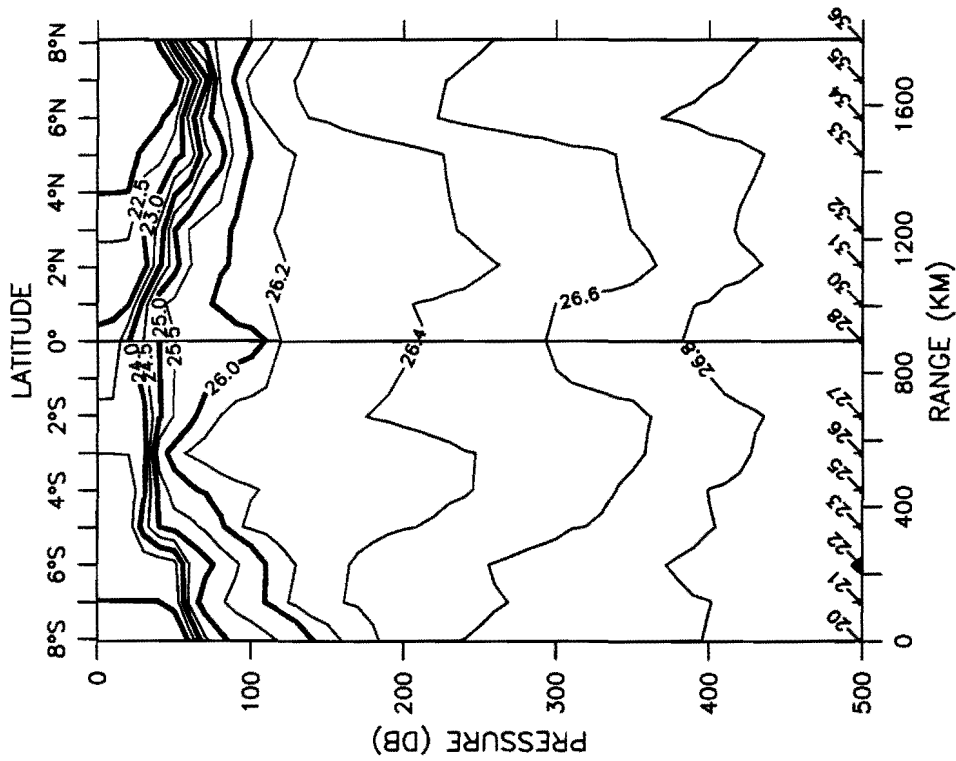


Fig. 13. GP1-95-DI winter and GP5-95-DI summer potential density (kg/m3) sections along 110°W. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

110°W SIGMA-THETA (KG/M**3)

May 16 - 23, 1996



October 6 - 13, 1996

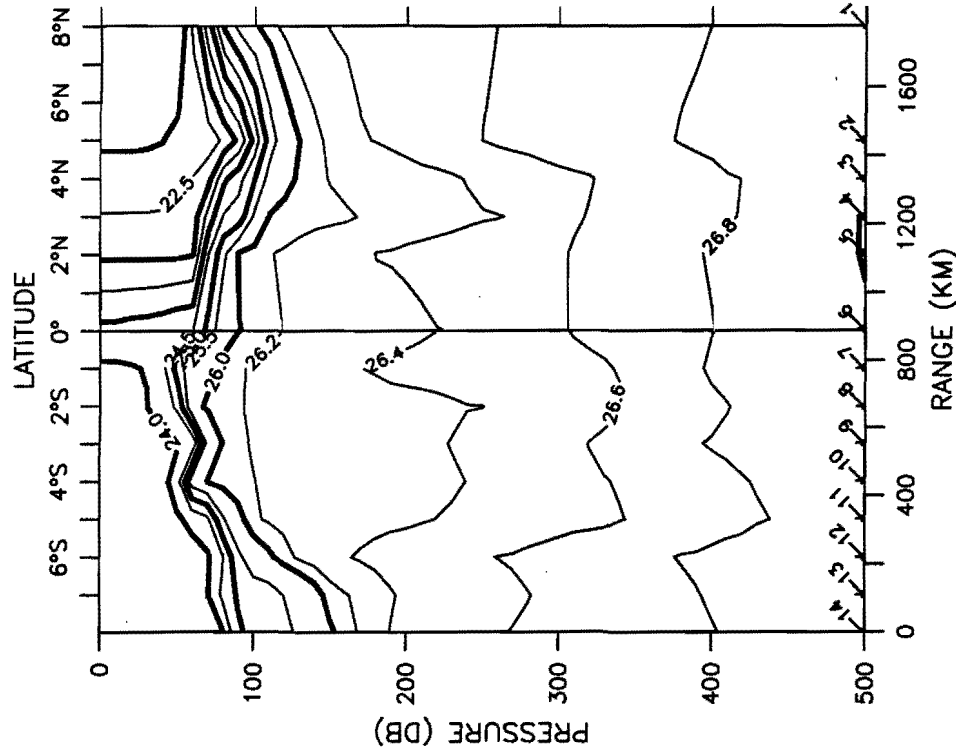


Fig. 14. GP1-96-MB spring and GP6-96-KA fall potential density (kg/m³) sections along 110°W. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

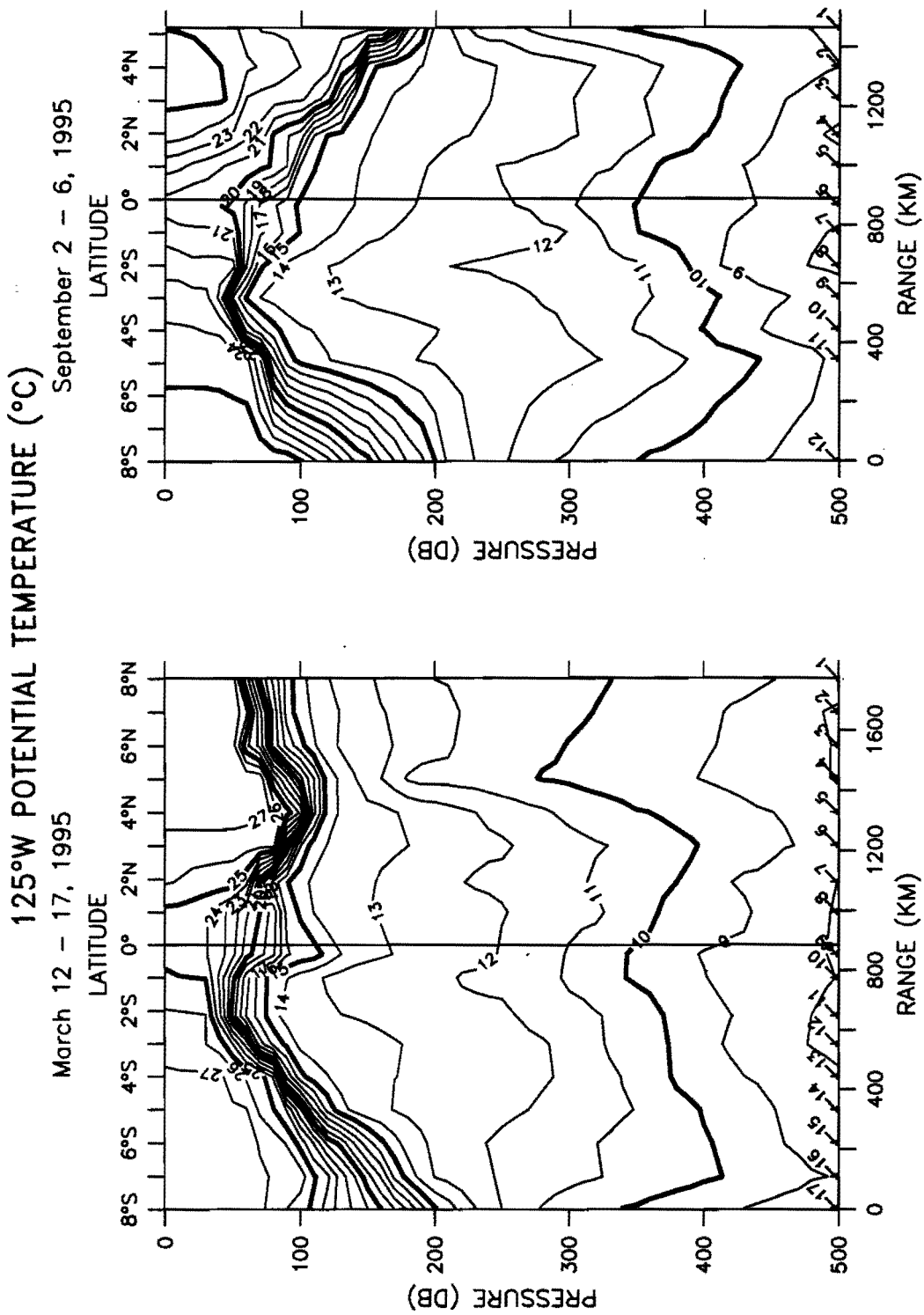


Fig. 15. GP2-95-DI spring and GP6-95-DI fall potential temperature (°C) sections along 125°W. Contour intervals are 1°C.

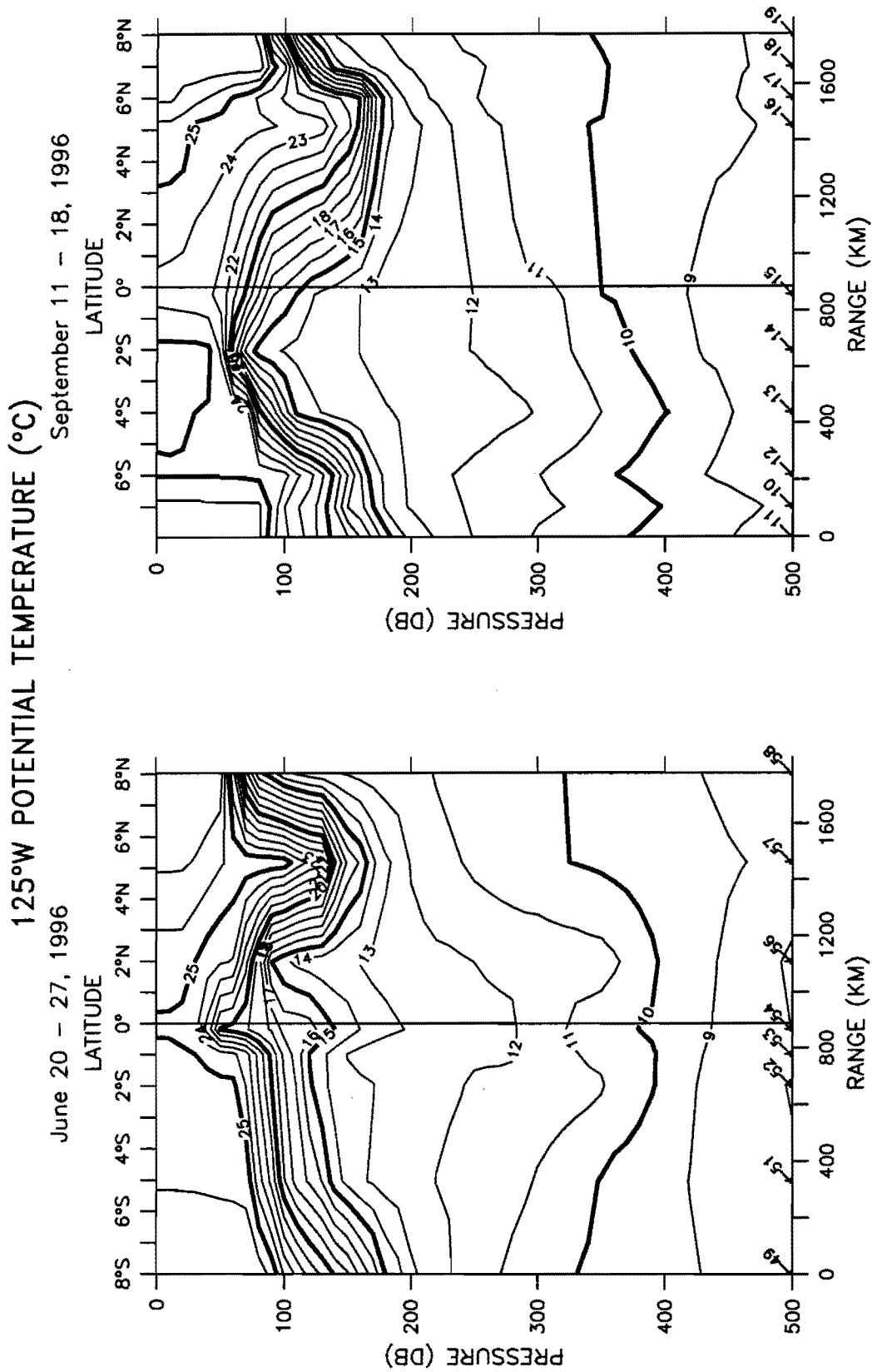
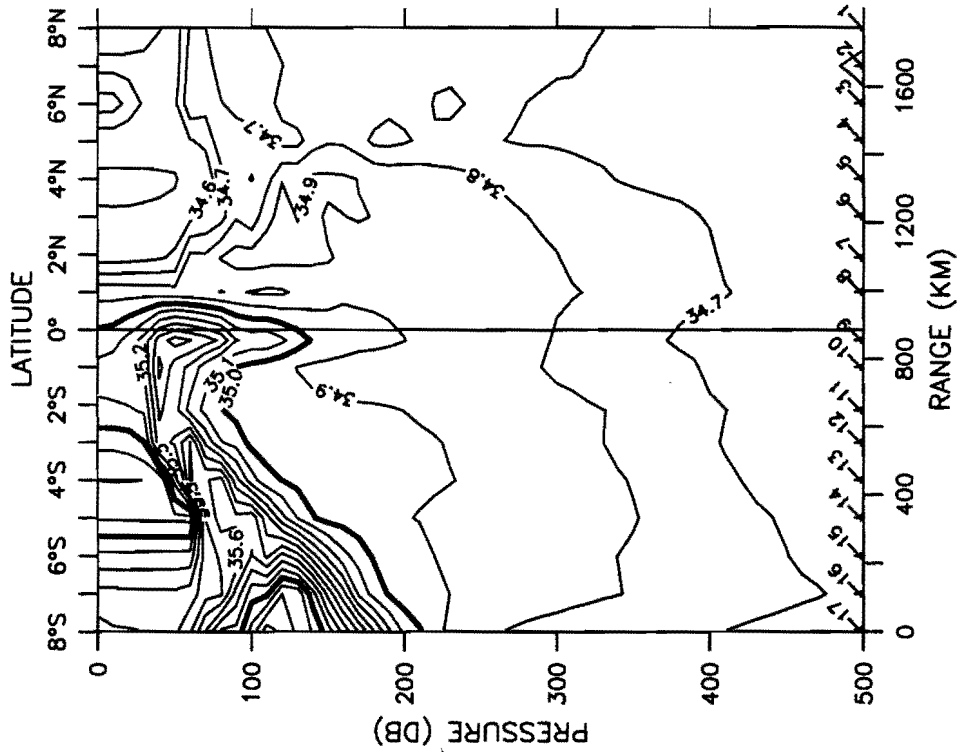


Fig. 16. GP2-96-MB summer and GP5-96-KA fall potential temperature (°C) sections along 125°W. Contour intervals are 1°C.

125°W SALINITY (PSS-78)

March 12 - 17, 1995



September 2 - 6, 1995

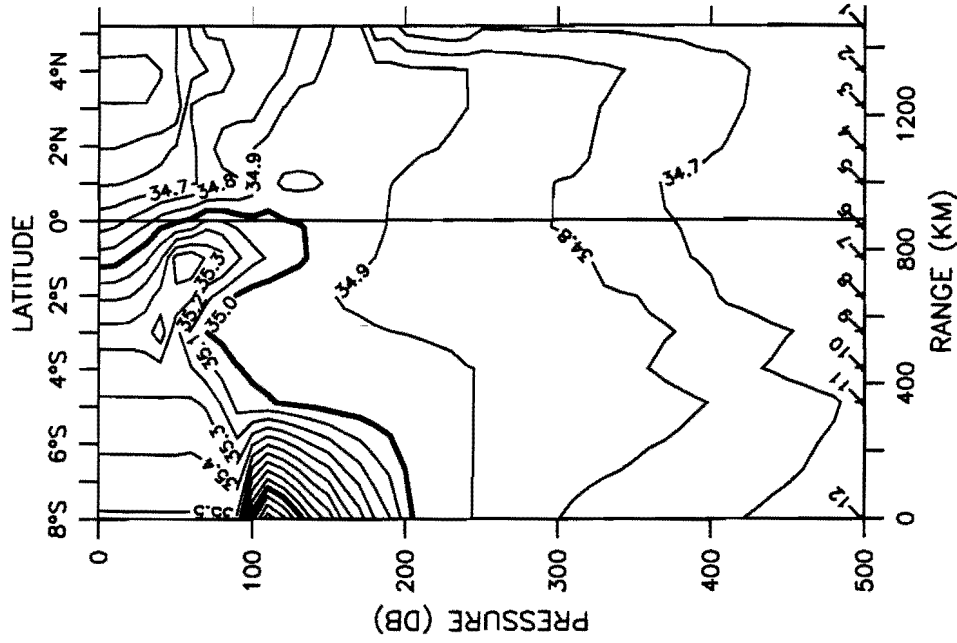
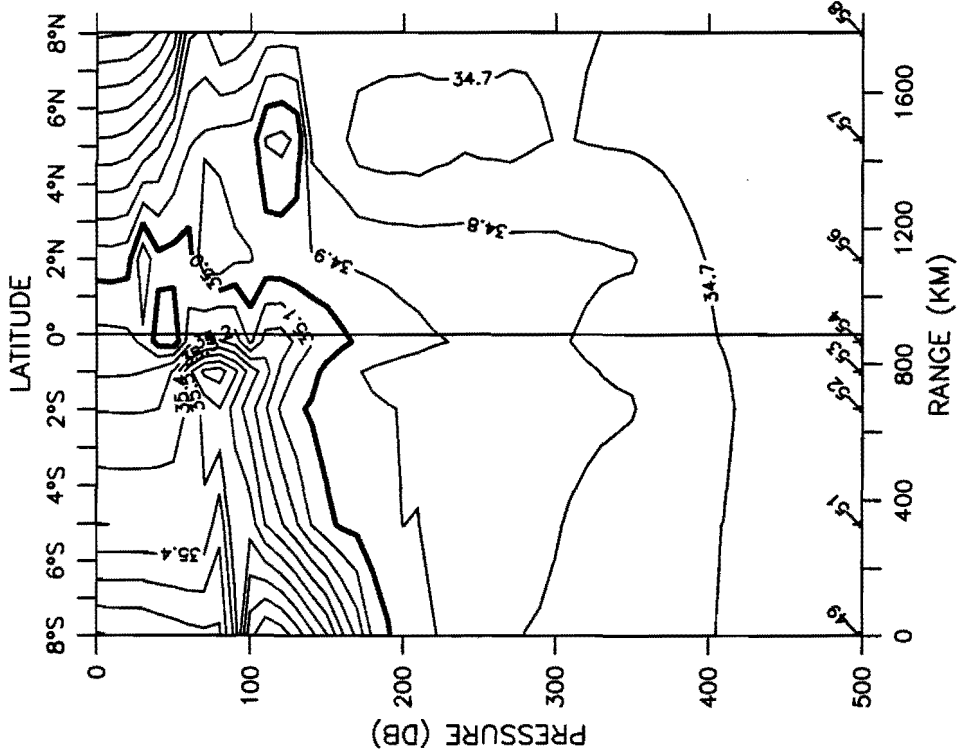


Fig. 17. GP2-95-DI spring and GP6-95-DI fall salinity (PSS-78) sections along 125°W. Contour intervals are 0.1 PSS.

125°W SALINITY (PSS-78)

June 20 - 27, 1996



September 11 - 18, 1996

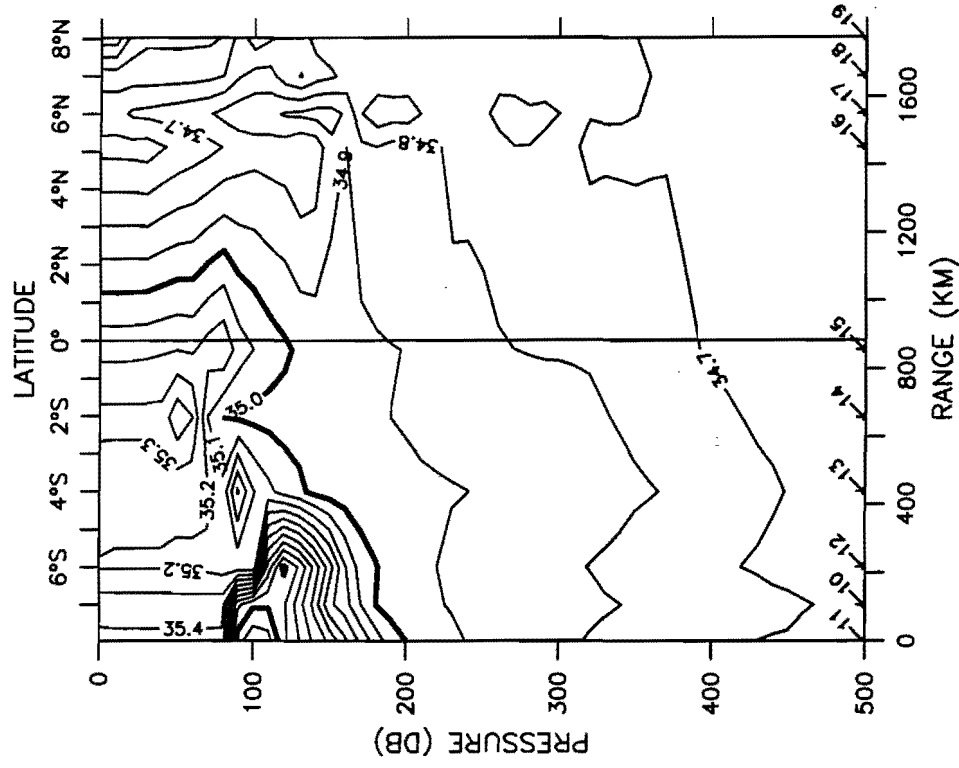


Fig. 18. GP2-96-MB summer and GP5-96-KA fall salinity (PSS-78) sections along 125°W. Contour intervals are 0.1 PSS.

125°W SIGMA-THETA (KG/M**3)

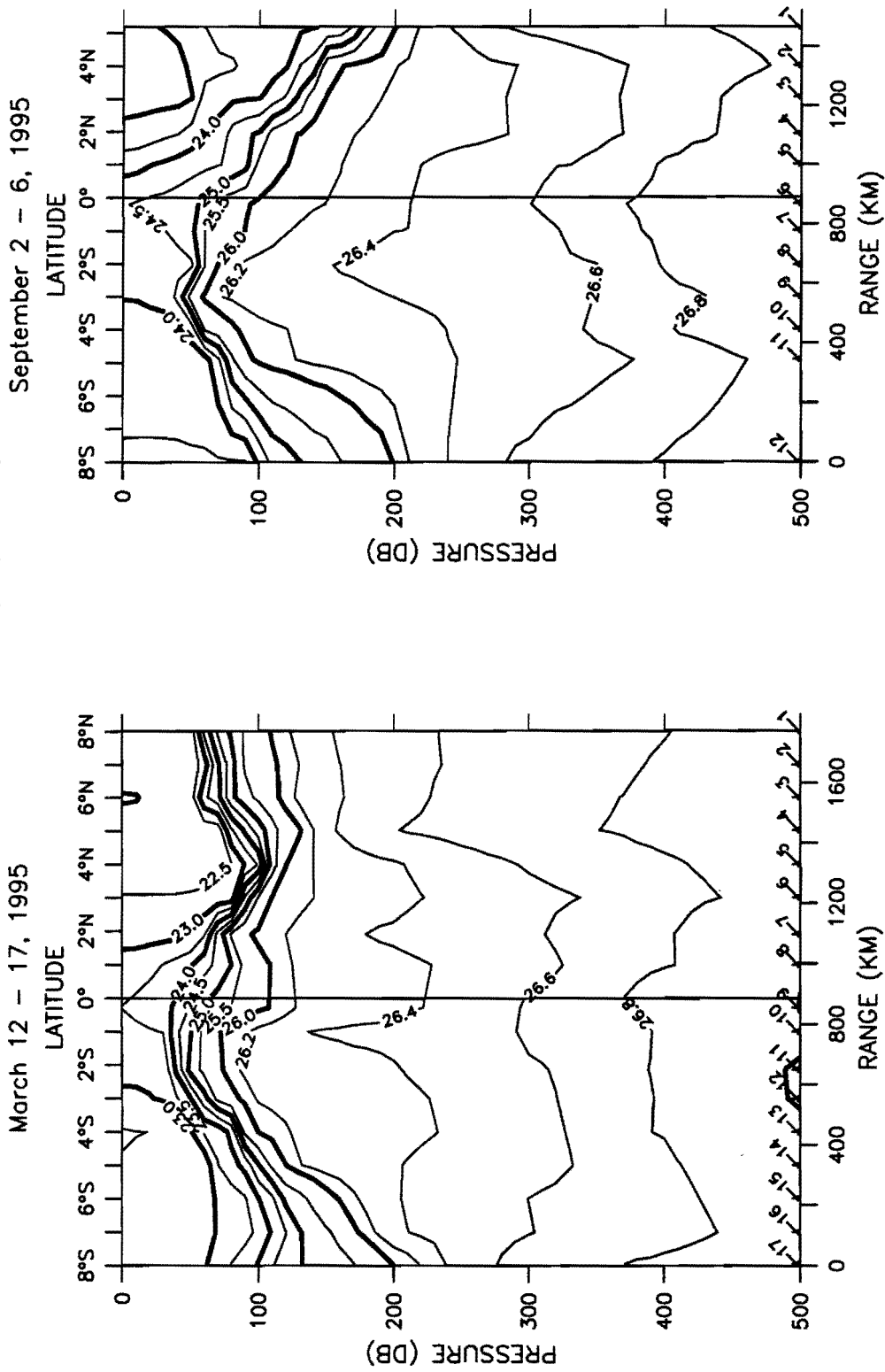
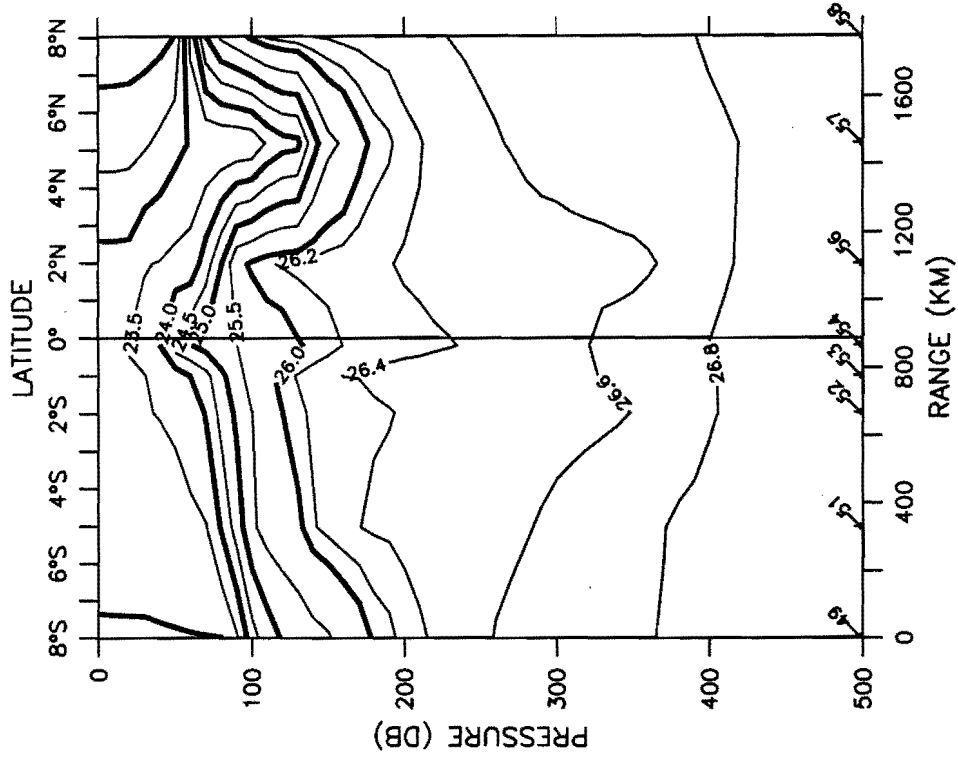


Fig. 19. GP2-95-DI spring and GP6-95-DI fall potential density (kg/m³) sections along 125°W. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

125°W SIGMA-THETA (KG/M**3)

June 20 - 27, 1996



September 11 - 18, 1996

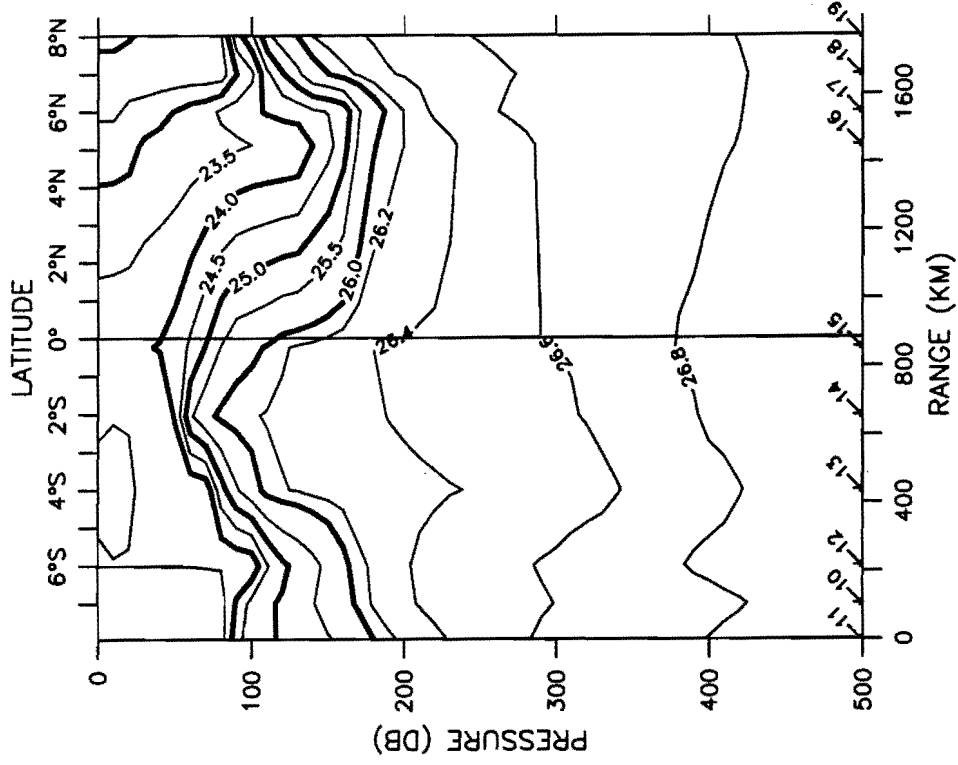


Fig. 20. GP2-96-MB summer and GP5-96-KA fall potential density (kg/m³) sections along 125°W. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

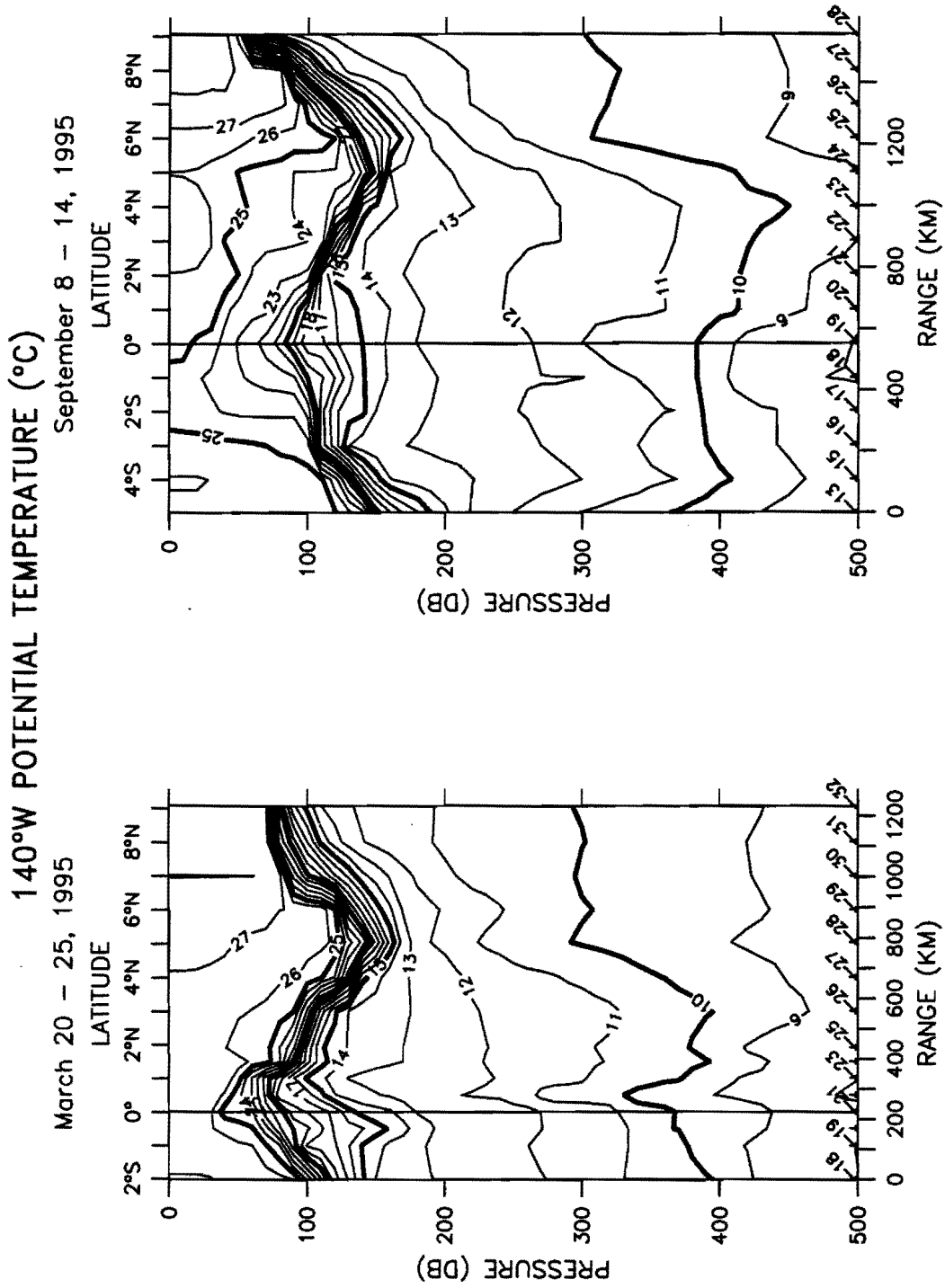


Fig. 21. GP2-95-DI spring and GP6-95-DI fall potential temperature (°C) sections along 140°W. Contour intervals are 1°C.

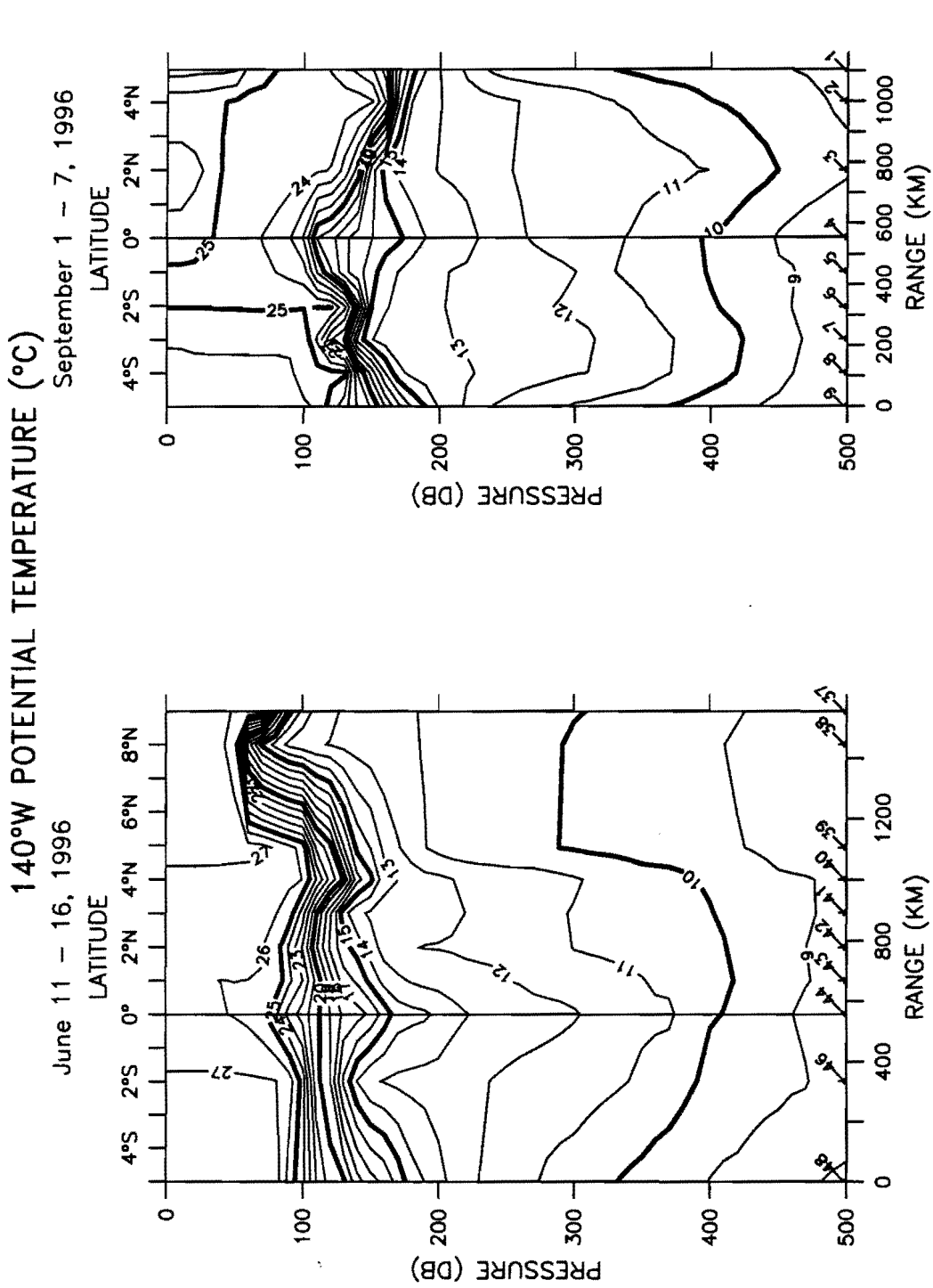
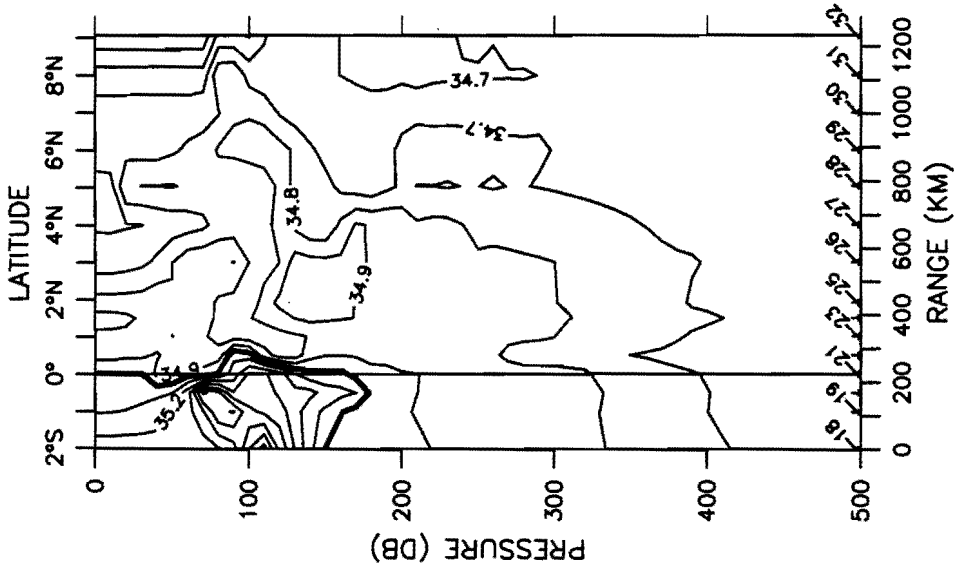


Fig. 22. GP2-96-MB summer and GP5-96-KA fall potential temperature (°C) sections along 140°W. Contour intervals are 1°C.

140°W SALINITY (PSS-78)

March 20 - 25, 1995



September 8 - 14, 1995

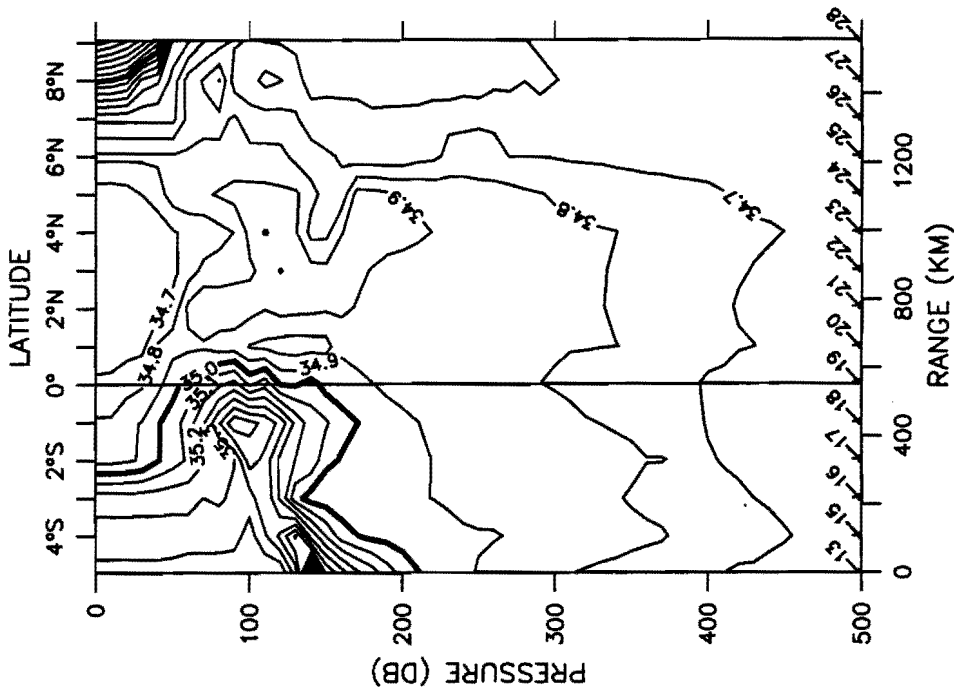


Fig. 23. GP2-95-DI spring and GP6-95-DI fall salinity (PSS-78) sections along 140°W. Contour intervals are 0.1 PSS.

140°W SALINITY (PSS-78)

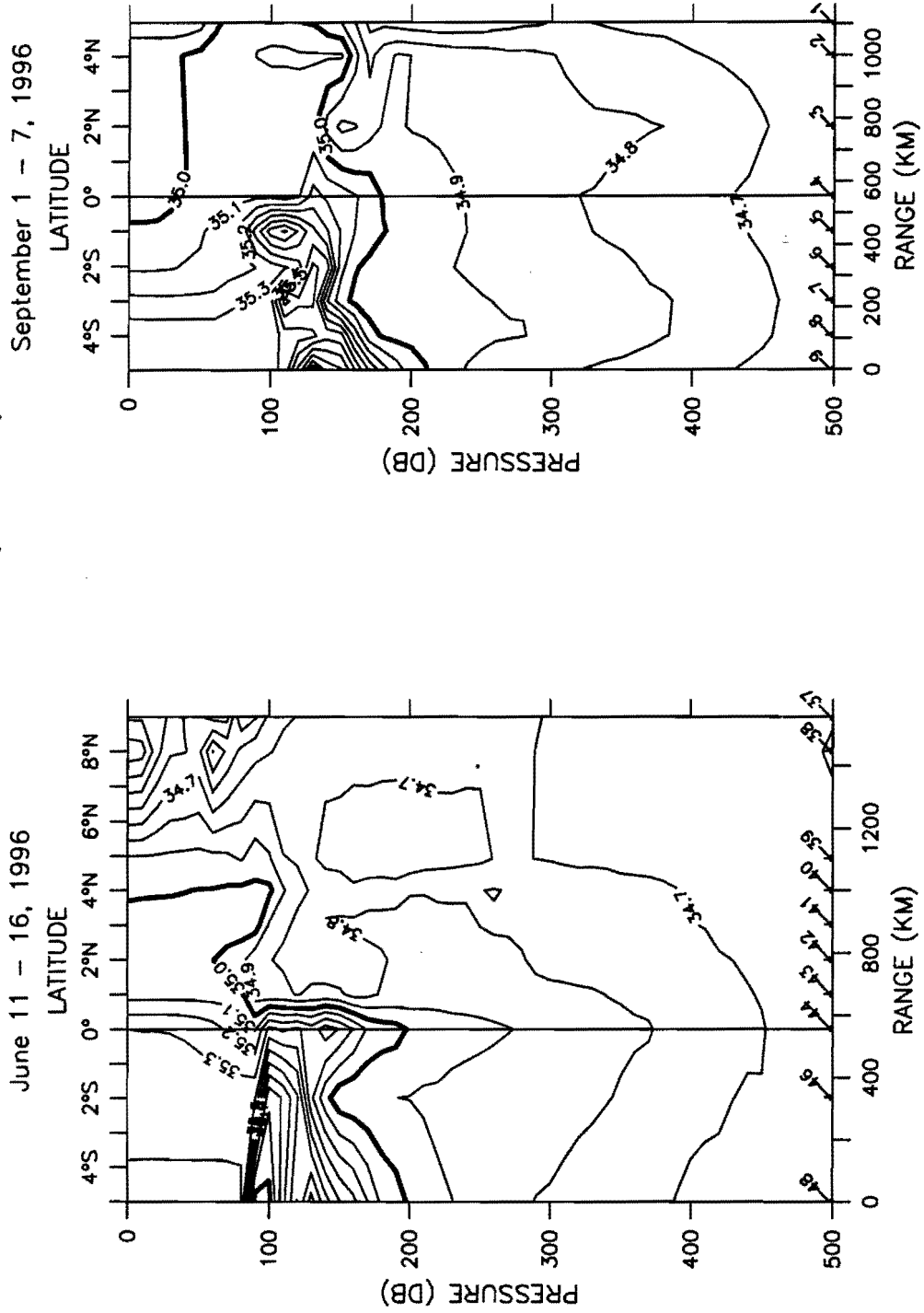


Fig. 24. GP2-96-MB summer and GP5-96-KA fall salinity (PSS-78) sections along 140°W. Contour intervals are 0.1 PSS.

140°W SIGMA-THETA (KG/M**3)

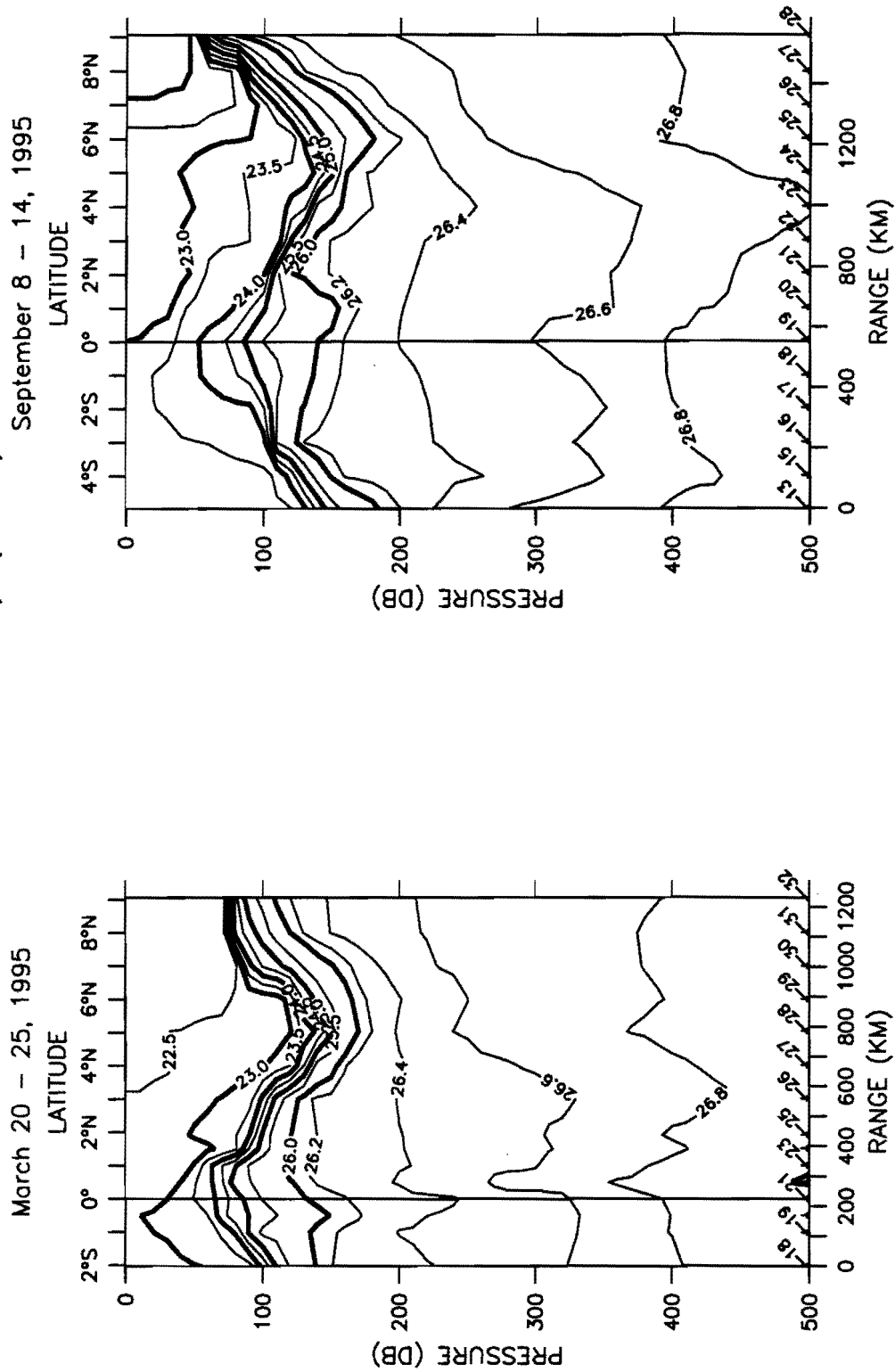


Fig. 25. GP2-95-DI spring and GP6-95-DI fall potential density (kg/m³) sections along 140°W. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

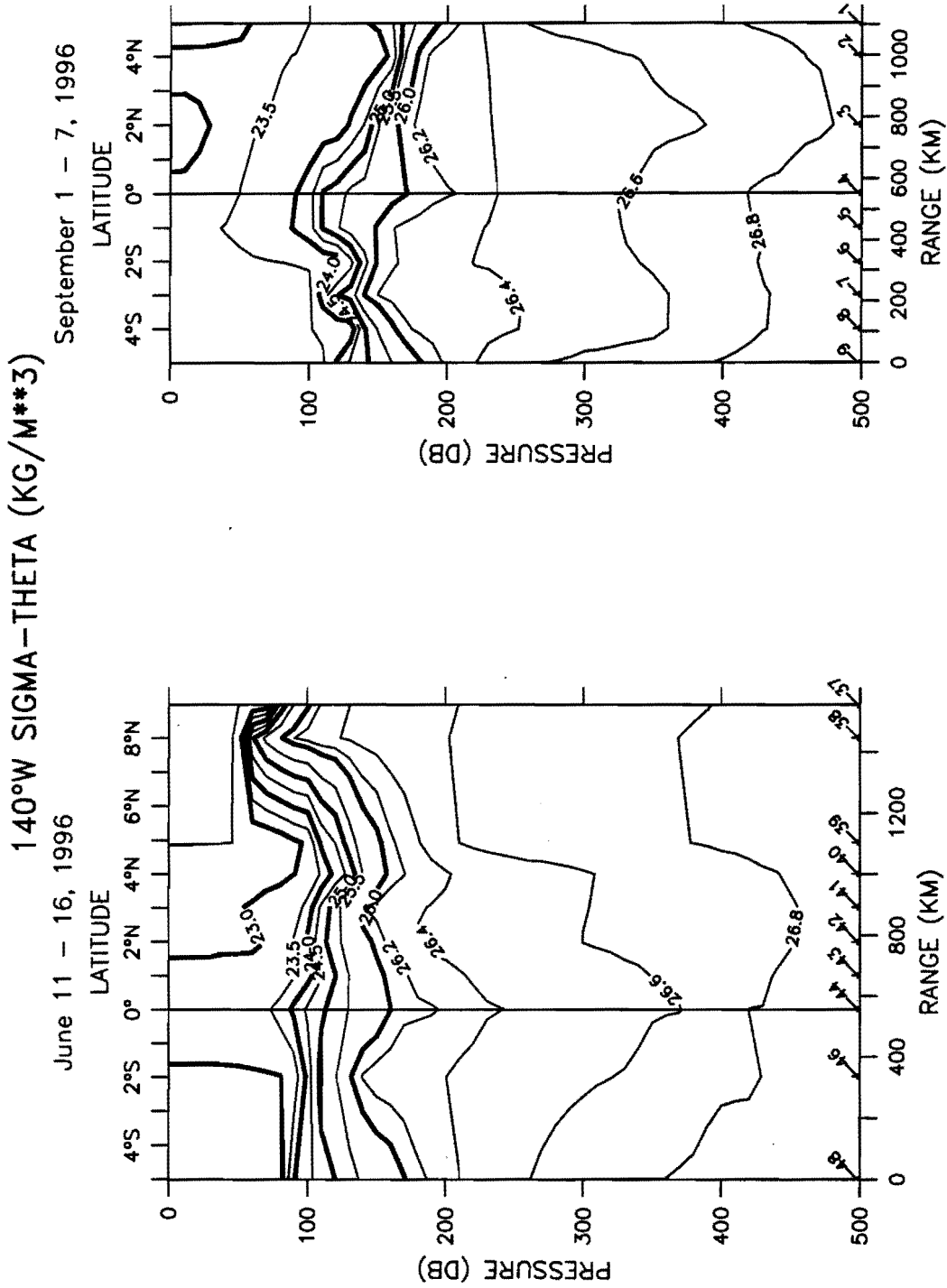
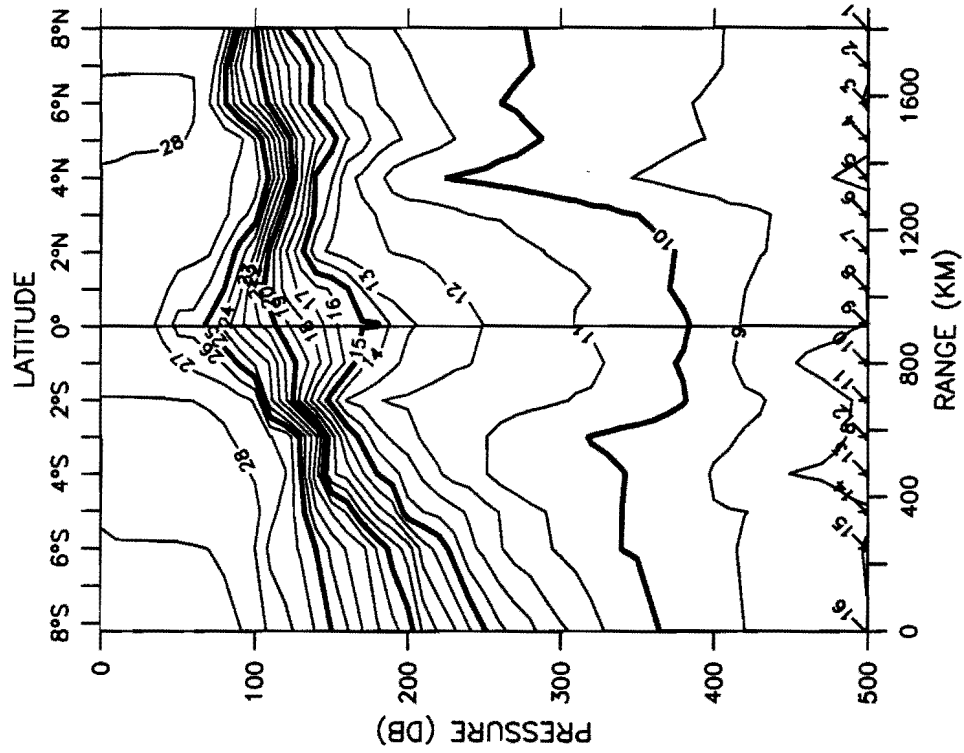


Fig. 26. GP2-96-MB summer and GP5-96-K-A fall potential density (kg/m³) sections along 140°W. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

155°W POTENTIAL TEMPERATURE (°C)

April 6 - 11, 1995



December 26 - 31, 1995

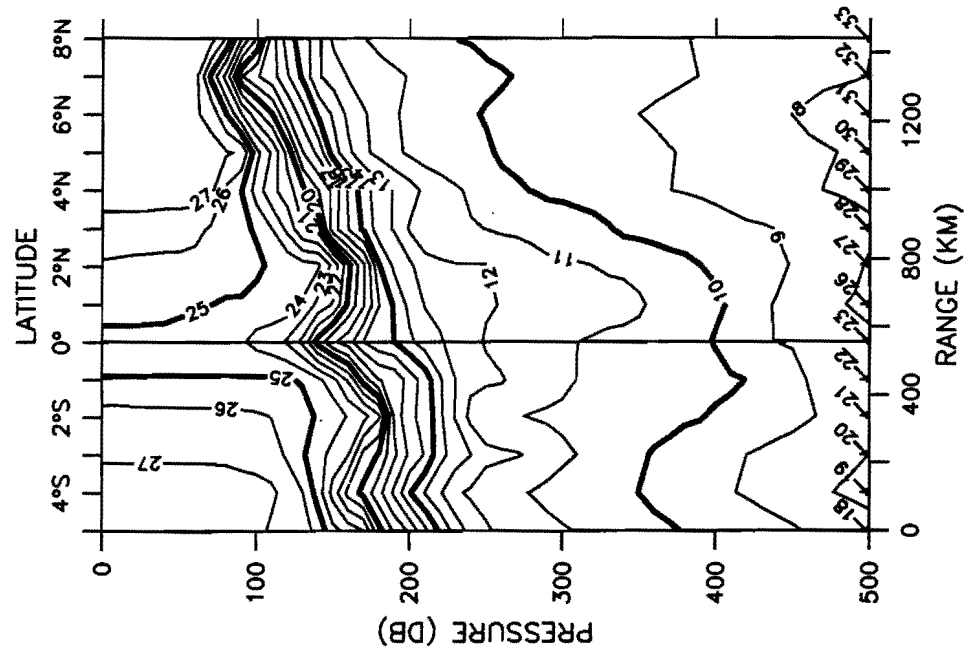
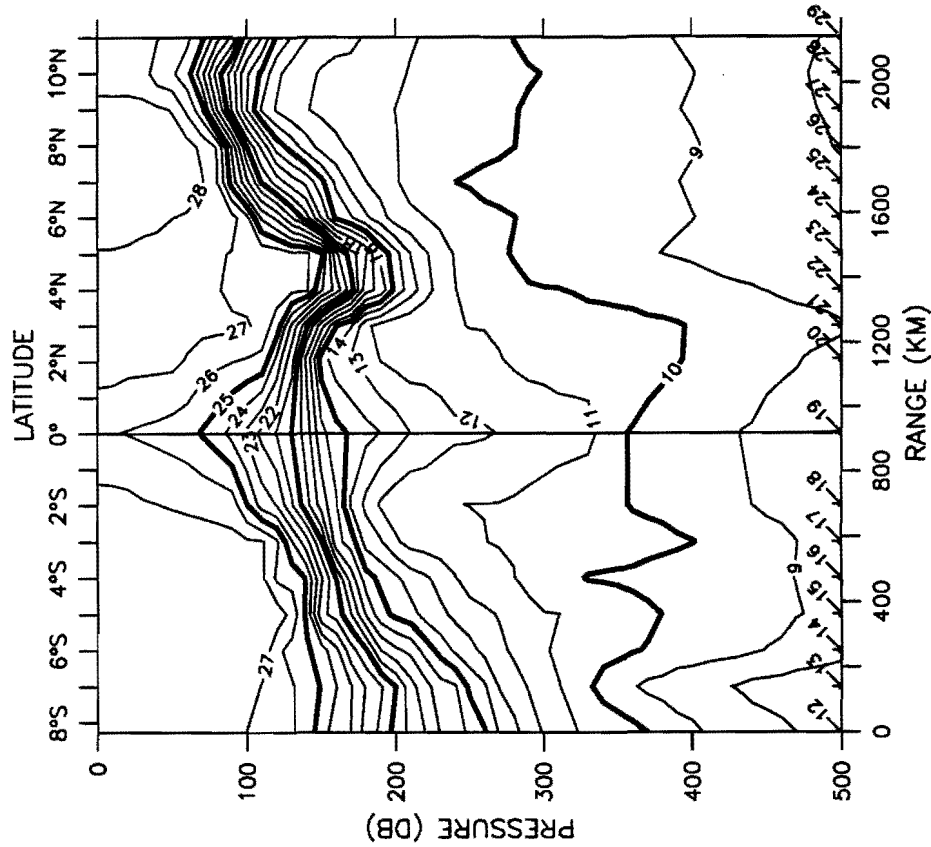


Fig. 27. GP3-95-DI spring and GP8-95-MB winter potential temperature (°C) sections along 155°W. Contour intervals are 1°C.

155°W POTENTIAL TEMPERATURE (°C)

August 5 - 12, 1996



December 8 - 16, 1996

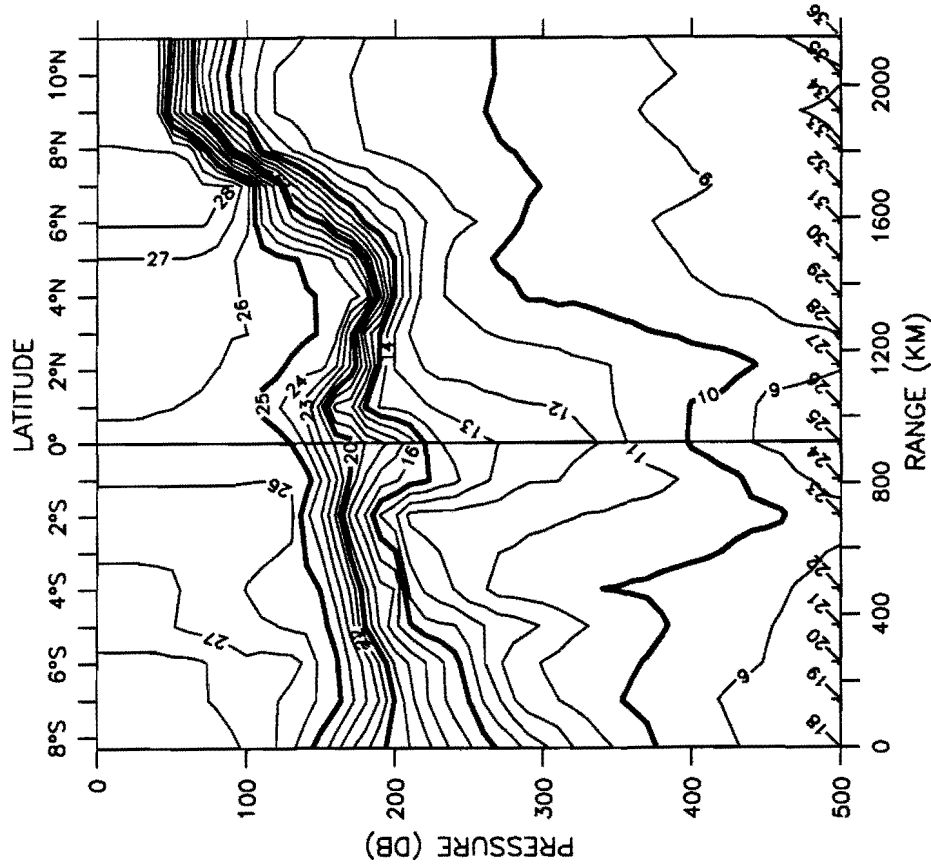
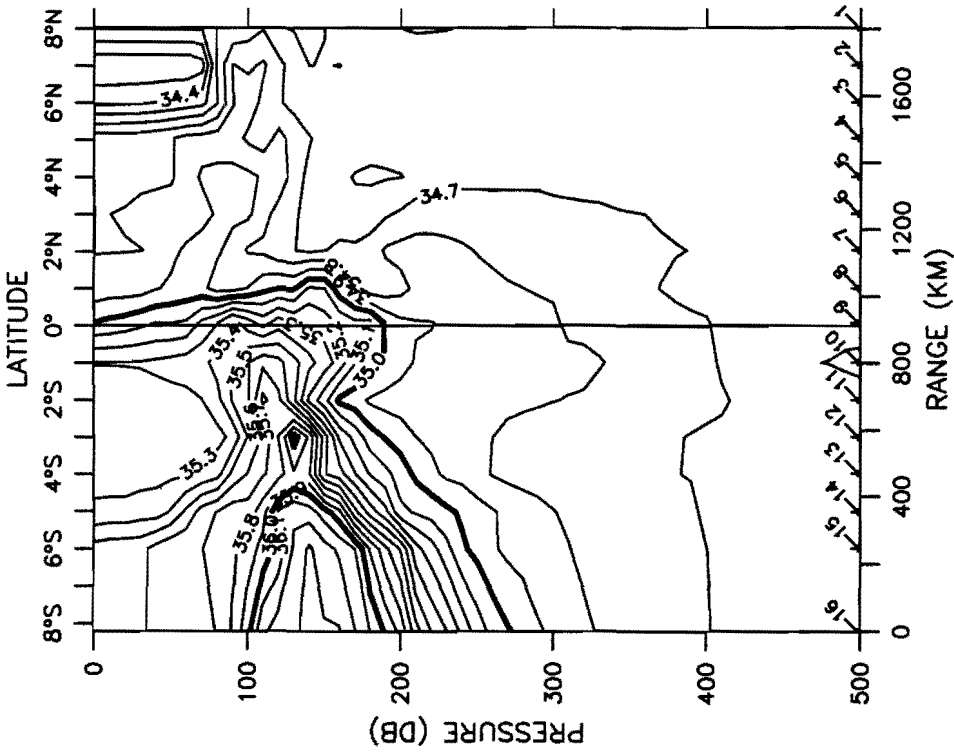


Fig. 28. GP4-96-KA summer and GP7-96-KA winter potential temperature (°C) sections along 155°W. Contour intervals are 1°C.

155°W SALINITY (PSS-78)

April 6 - 11, 1995



December 26 - 31, 1995

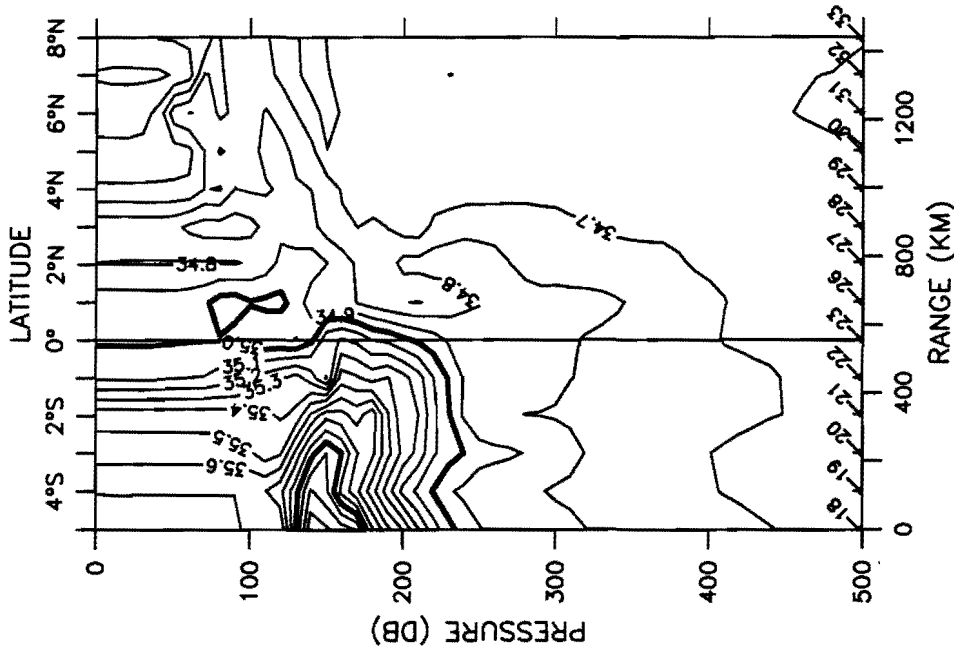
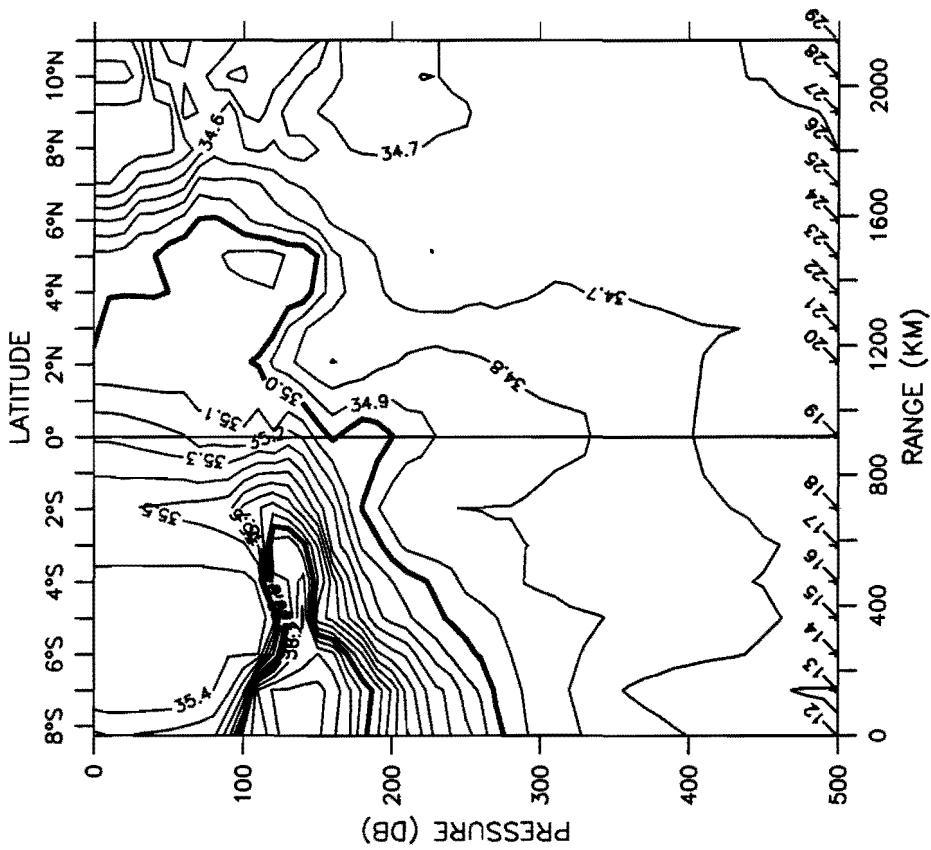


Fig. 29. GP3-95-DI spring and GP8-95-MB winter salinity (PSS-78) sections along 155°W. Contour intervals are 0.1 PSS.

155°W SALINITY (PSS-78)

August 5 - 12, 1996



December 8 - 16, 1996

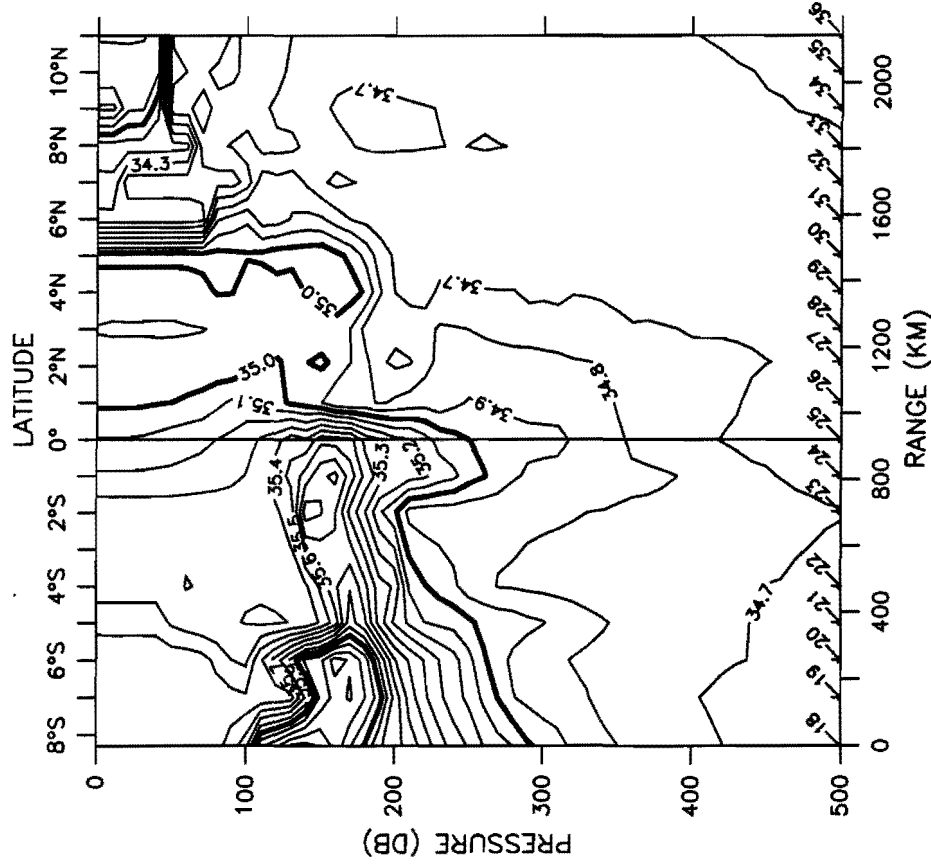


Fig. 30. GP4-96-KA summer and GP7-96-KA winter salinity (PSS-78) sections along 155°W. Contour intervals are 0.1 PSS.

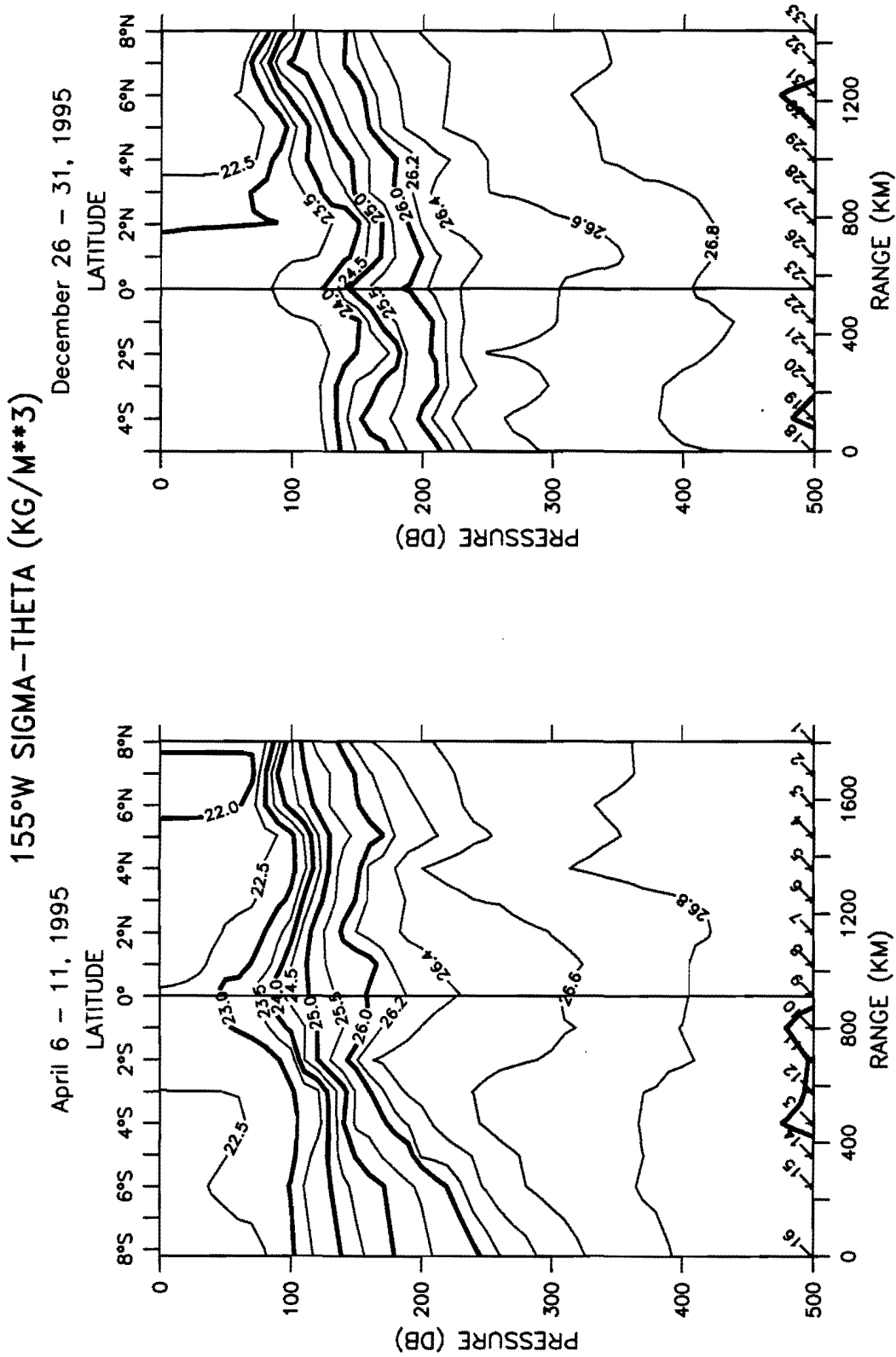


Fig. 31. GP3-95-DI spring and GP8-95-MB winter potential density (kg/m³) sections along 155°W. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

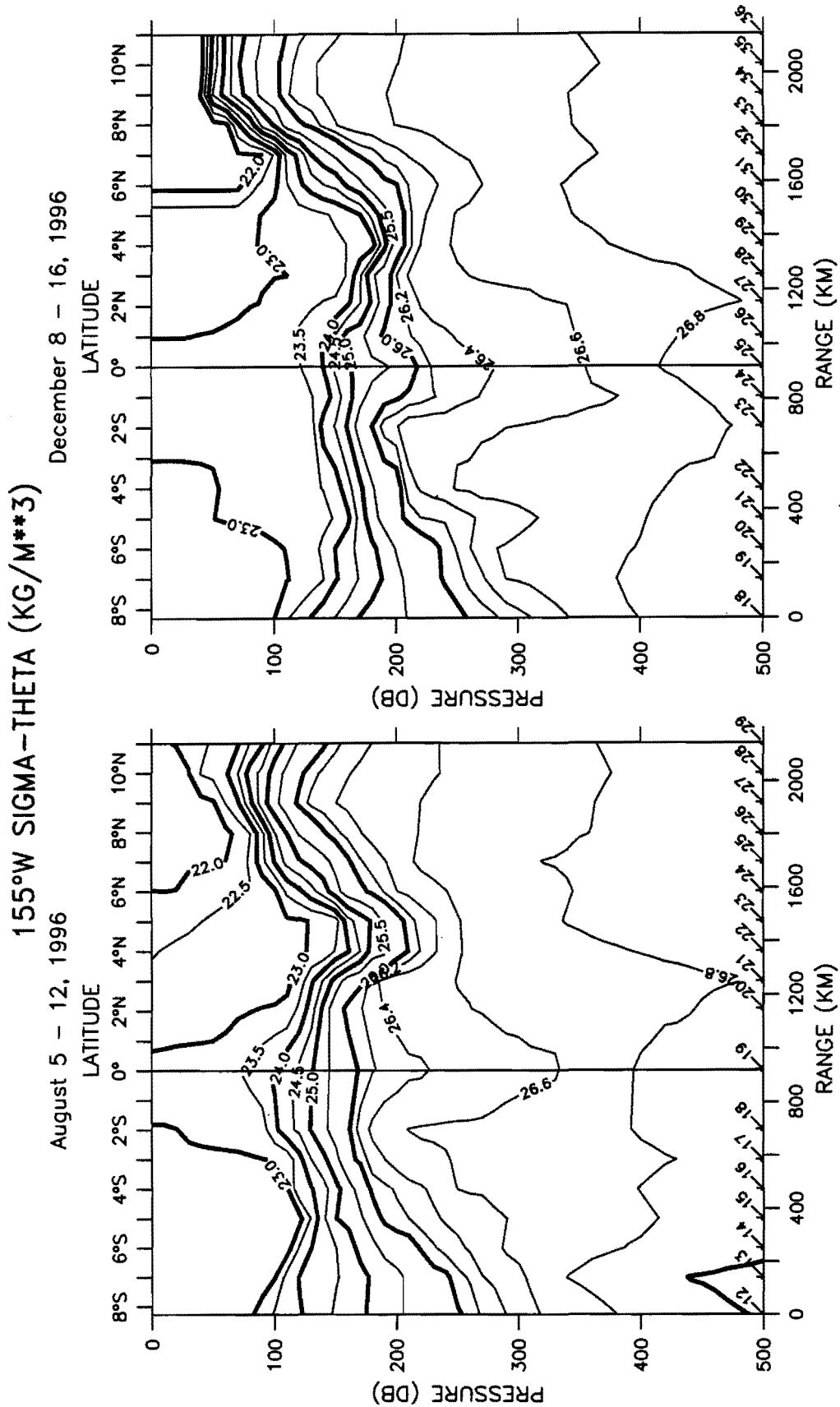


Fig. 32. GP4-96-KA summer and GP7-96-KA winter potential density (kg/m³) sections along 155°W. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

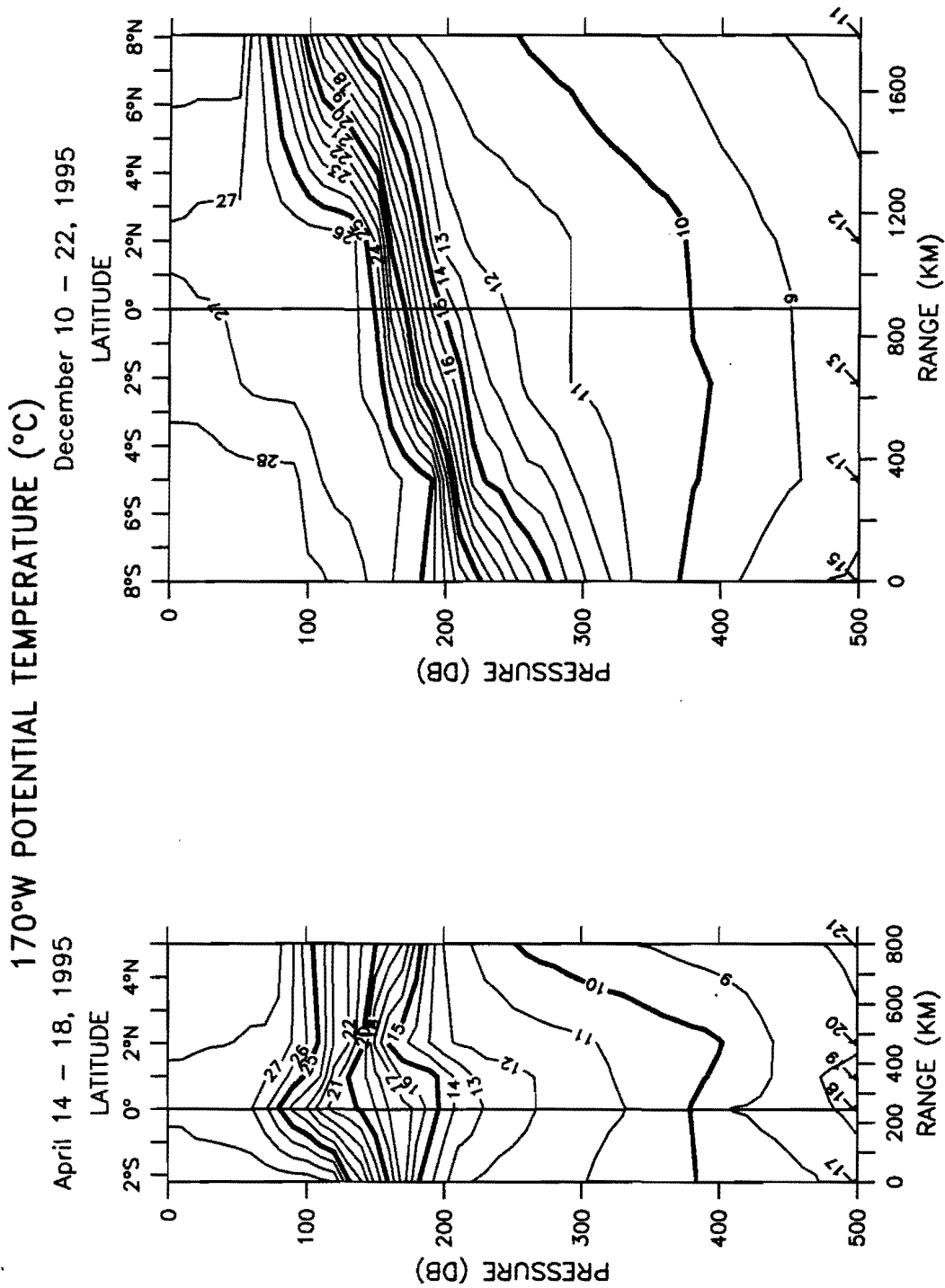


Fig. 33. GP3-95-DI spring and GP7/8-95-MB winter potential temperature (°C) sections along 170°W. Contour intervals are 1°C.

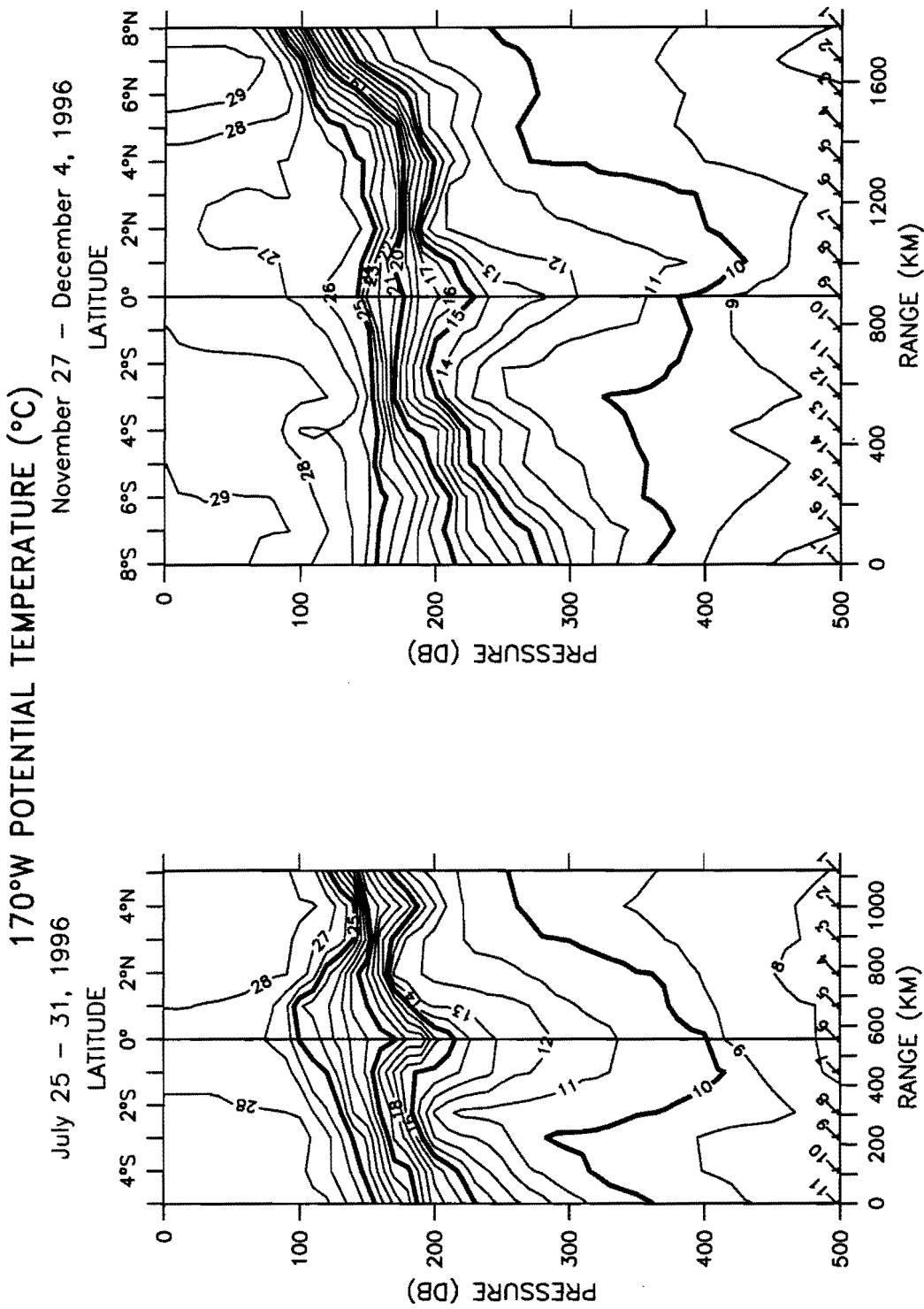


Fig. 34. GP4-96-KA summer and GP7-96-KA winter potential temperature (°C) sections along 170°W. Contour intervals are 1°C.

170°W SALINITY (PSS-78)

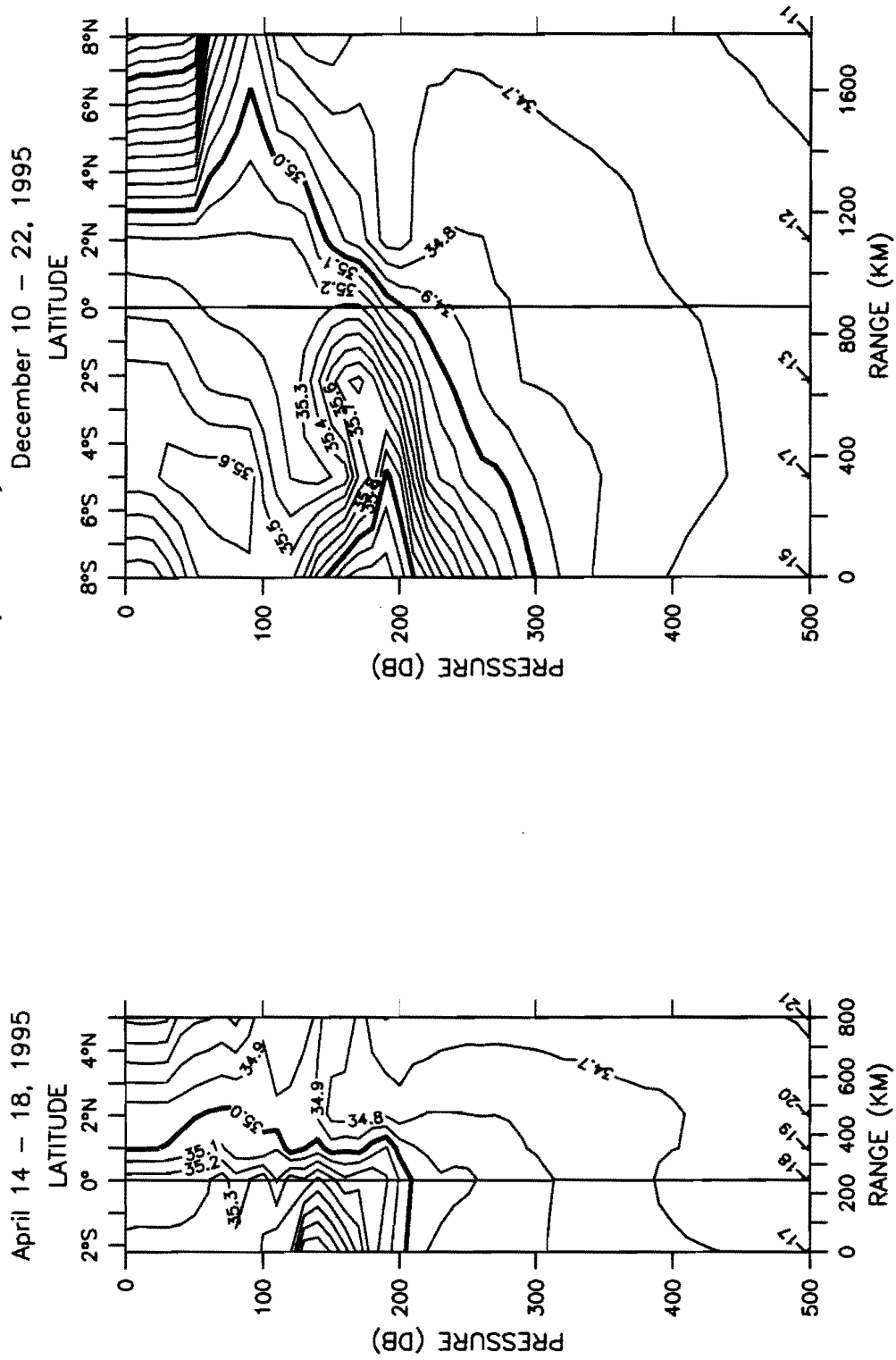
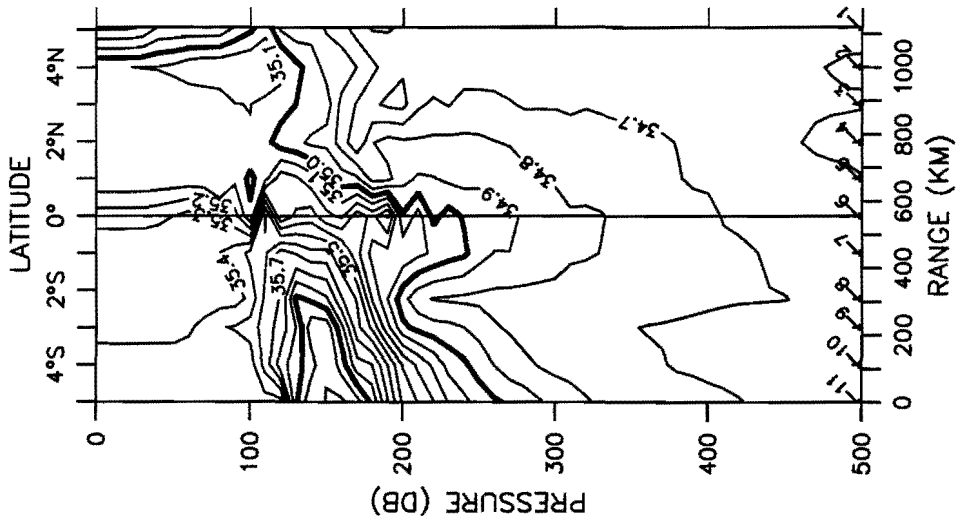


Fig. 35. GP3-95-DI spring and GP7/8-95-MB winter salinity (PSS-78) sections along 170°W. Contour intervals are 0.1 PSS.

170°W SALINITY (PSS-78)

July 25 - 31, 1996



November 27 - December 4, 1996

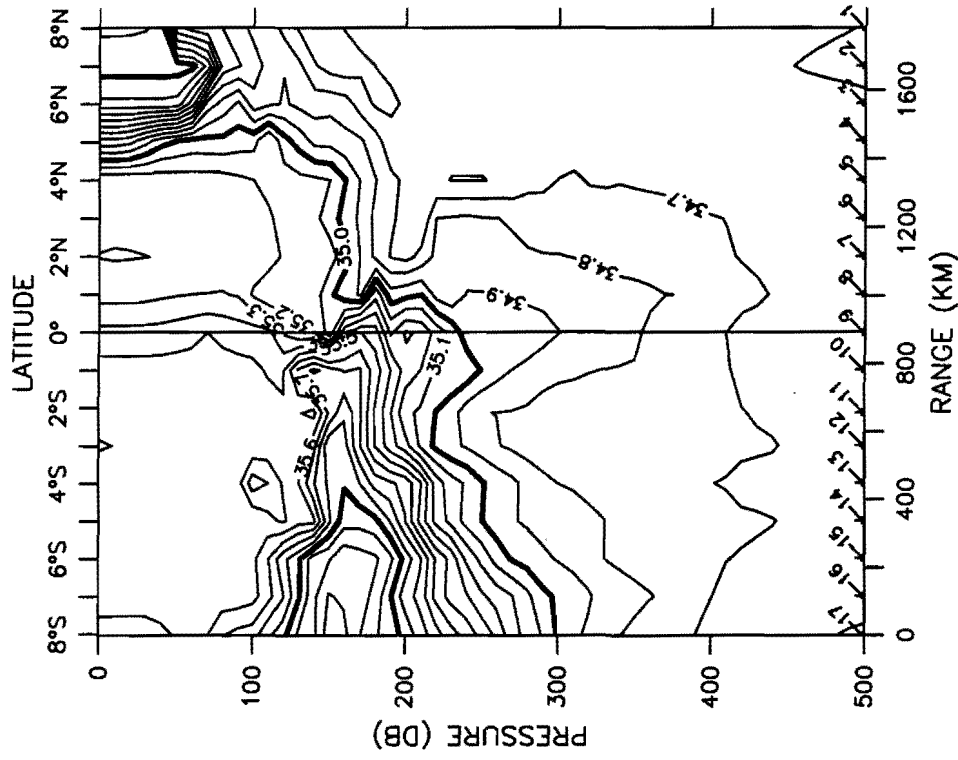


Fig. 36. GP4-96-KA summer and GP7-96-KA winter salinity (PSS-78) sections along 170°W. Contour intervals are 0.1 PSS.

170°W SIGMA-THETA (KG/M**3)

July 25 - 31, 1996

November 27 - December 4, 1996

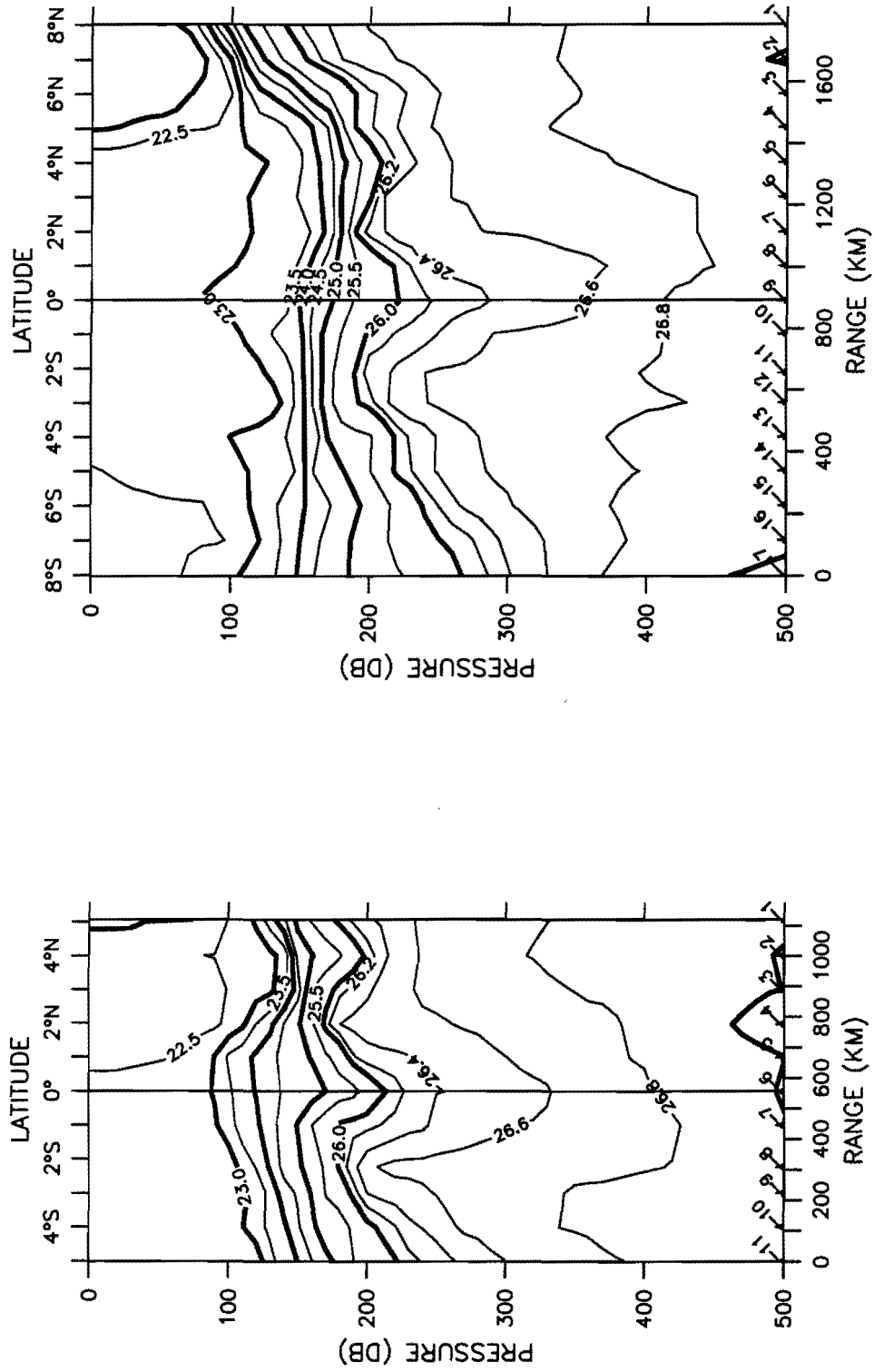


Fig. 38. GP4-96-KA summer and GP7-96-KA winter potential density (kg/m³) sections along 170°W. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

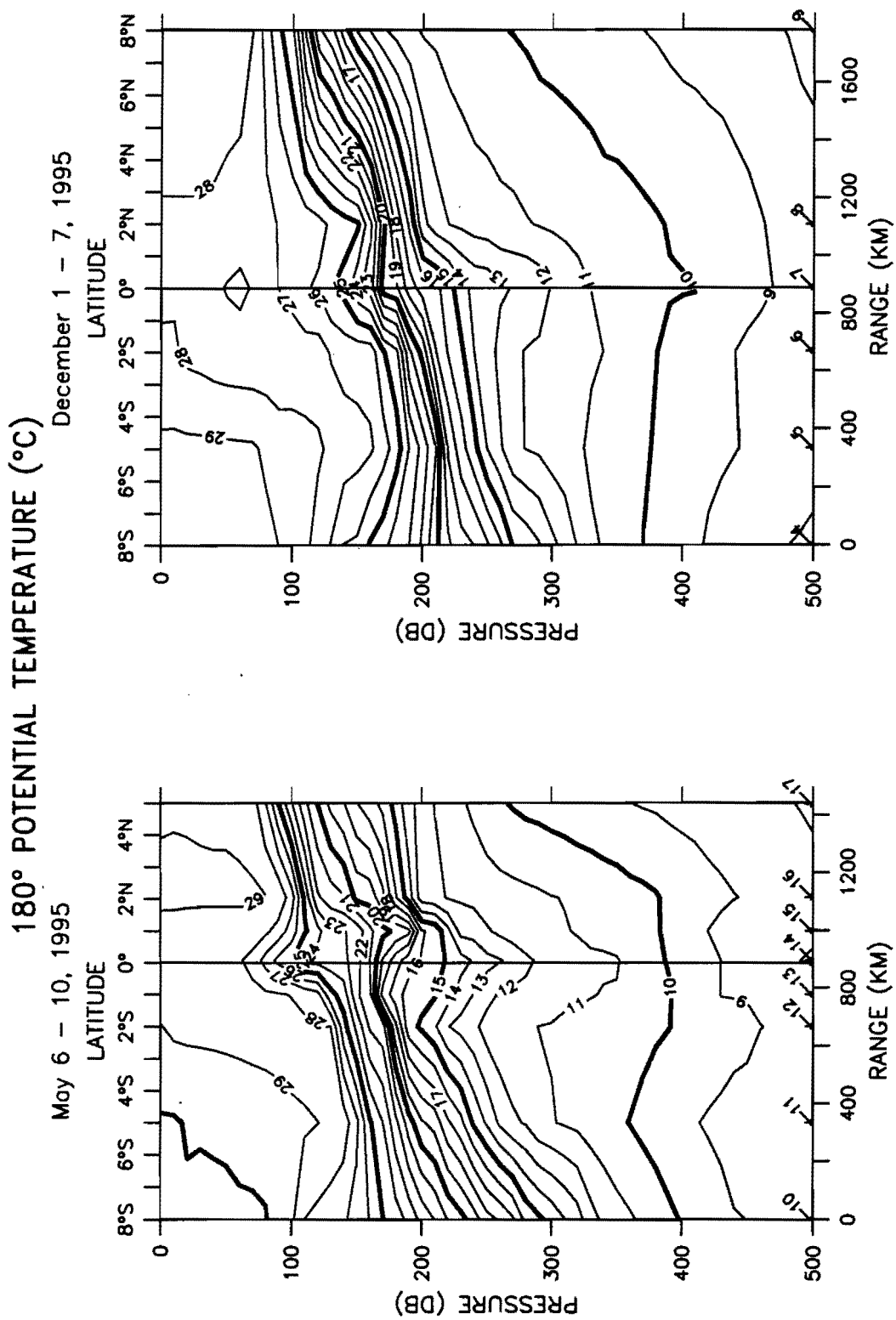


Fig. 39. GP4-95-DI spring and GP7-95-MB winter potential temperature (°C) sections along 180°. Contour intervals are 1°C.

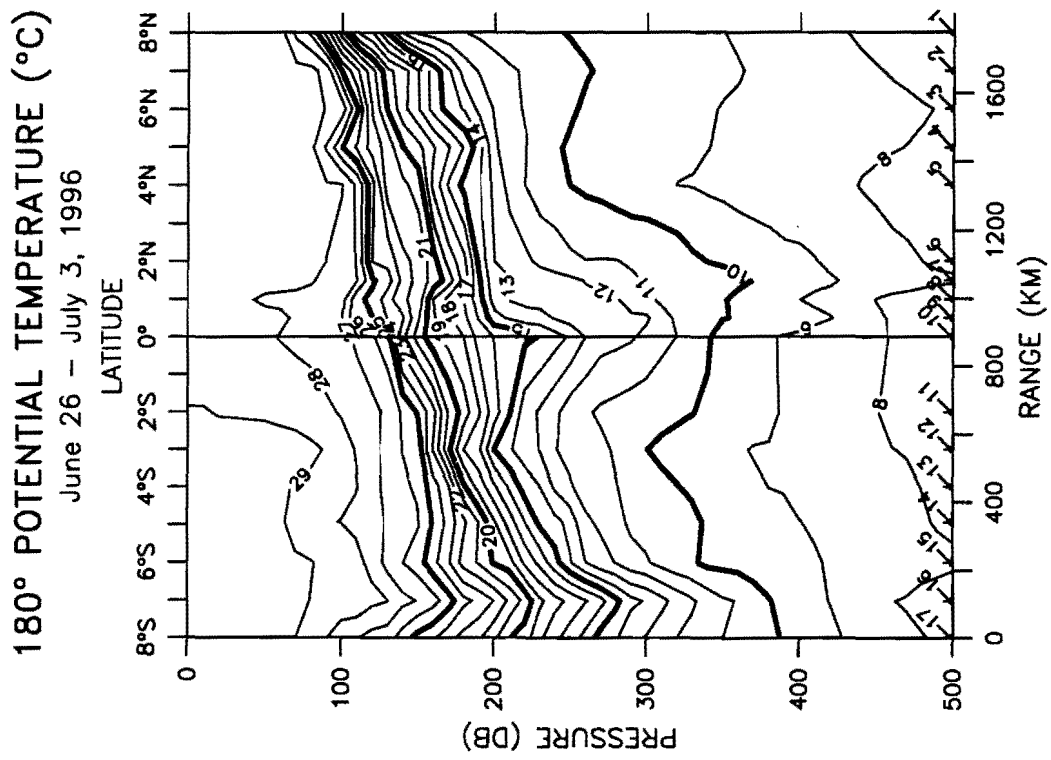


Fig. 40. GP3-96-KA summer potential temperature (°C) sections along 180°. Contour intervals are 1°C.

180° SALINITY (PSS-78)

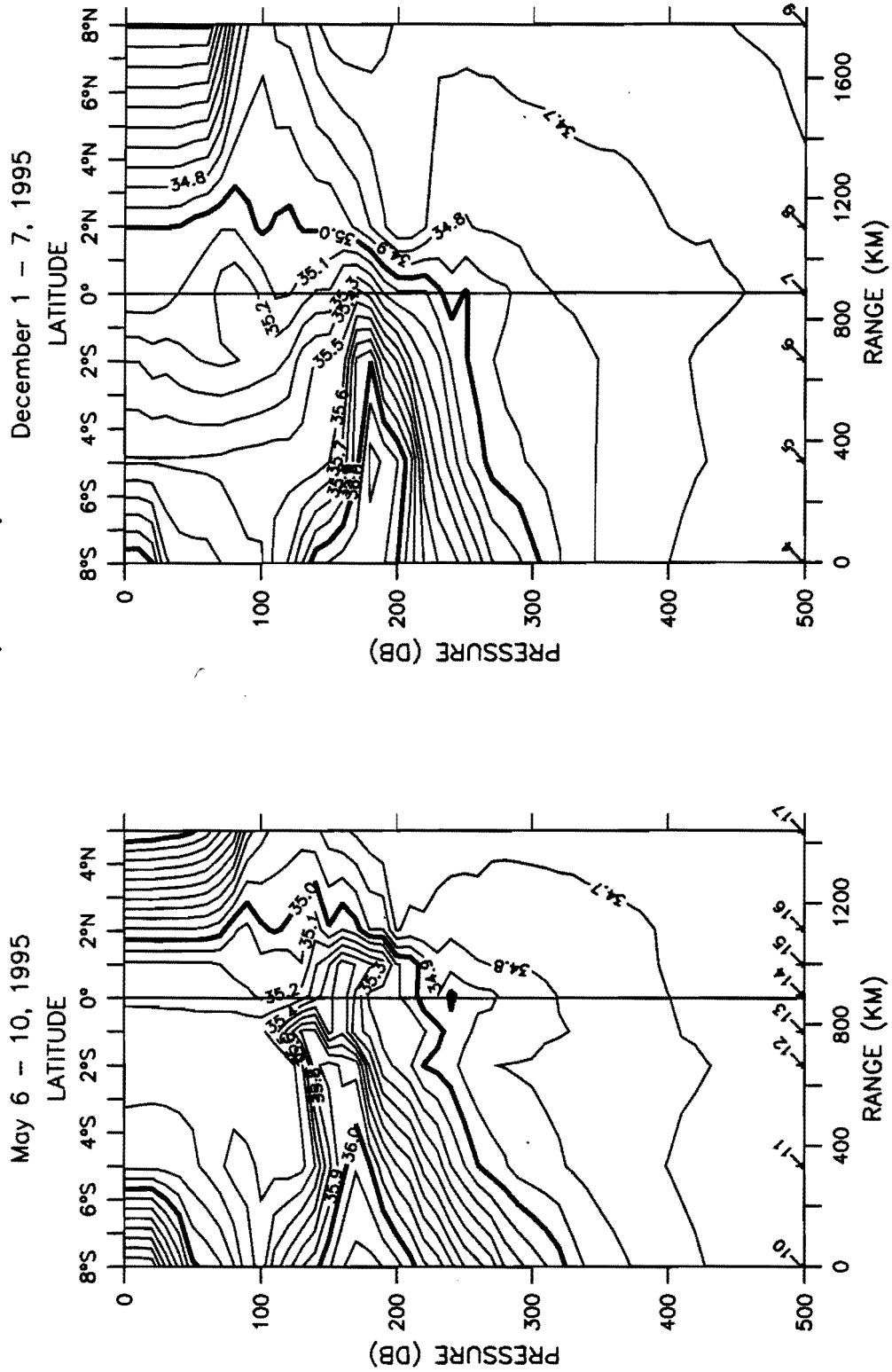


Fig. 41. GP4-95-DI spring and GP7-95-MB winter salinity (PSS-78) sections along 180°. Contour intervals are 0.1 PSS.

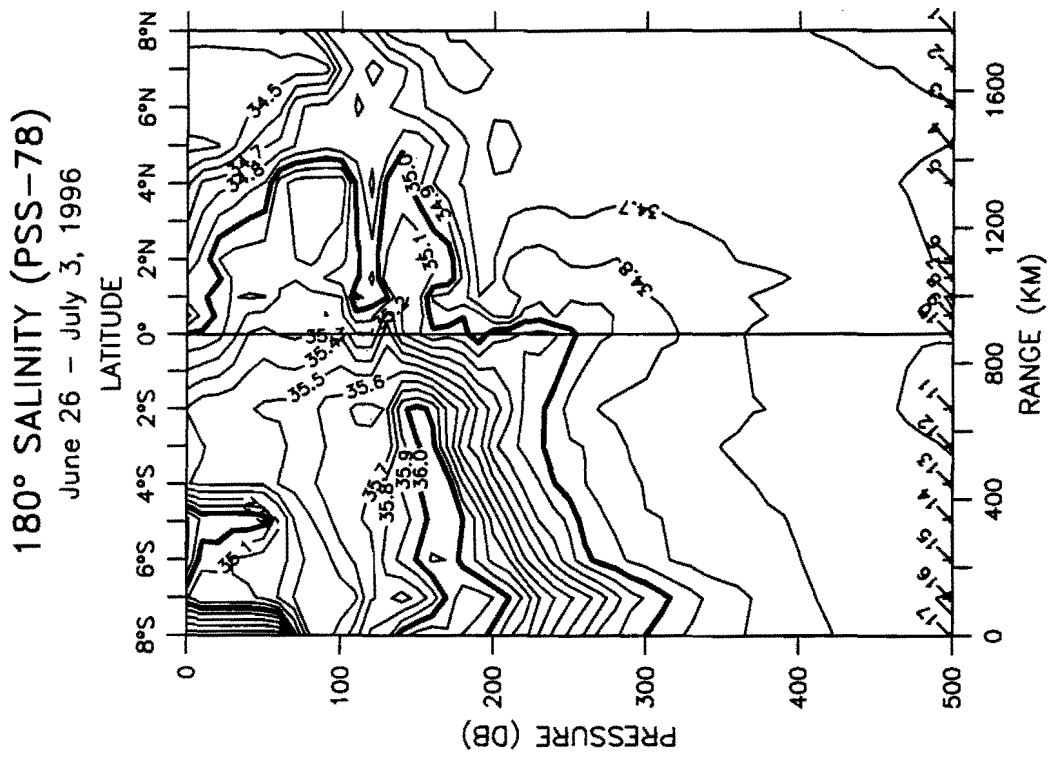


Fig. 42. GP3-96-KA summer salinity (PSS-78) sections along 180°. Contour intervals are 0.1 PSS.

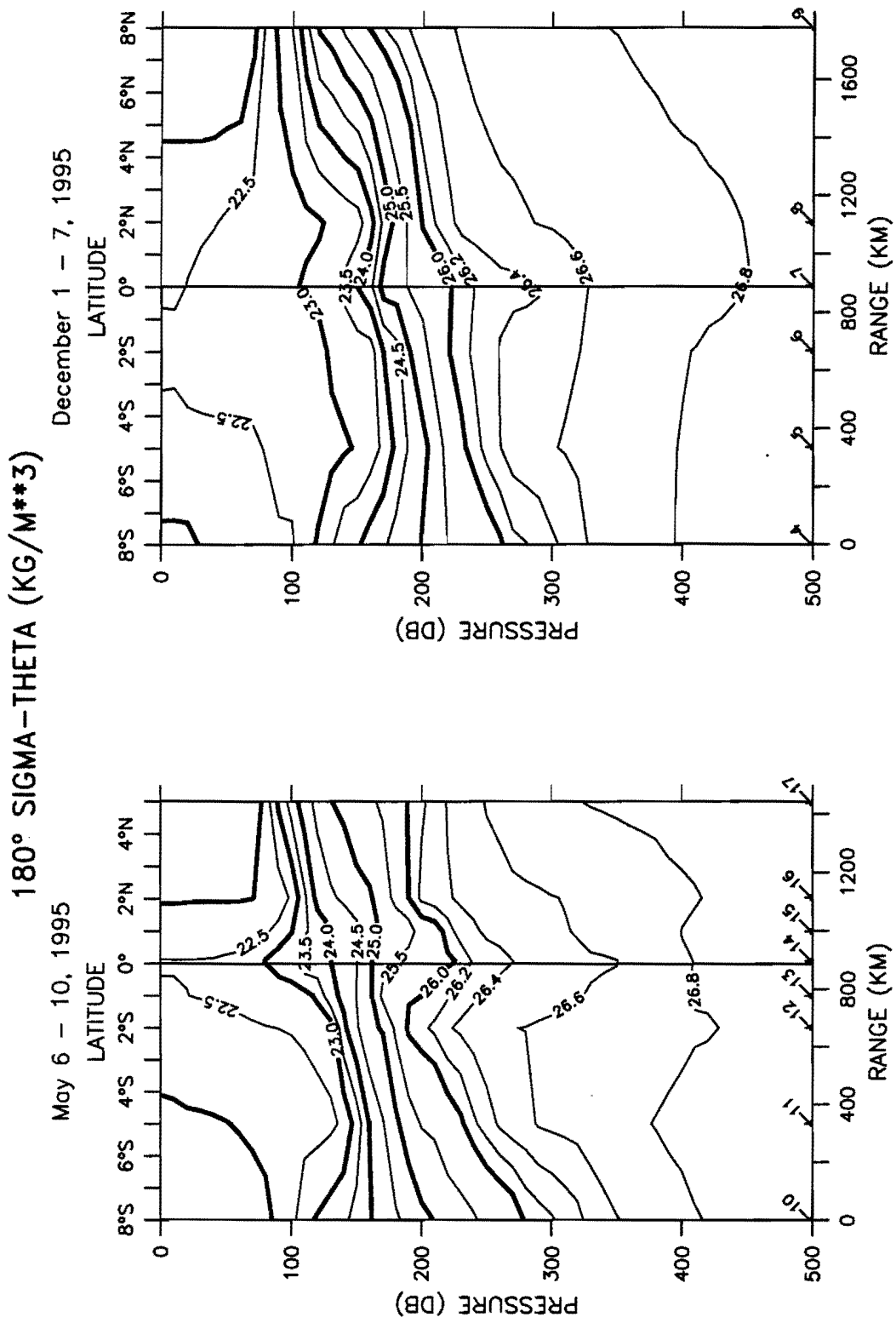


Fig. 43. GP4-95-DI spring and GP7-95-MB winter potential density (kg/m³) sections along 180°. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

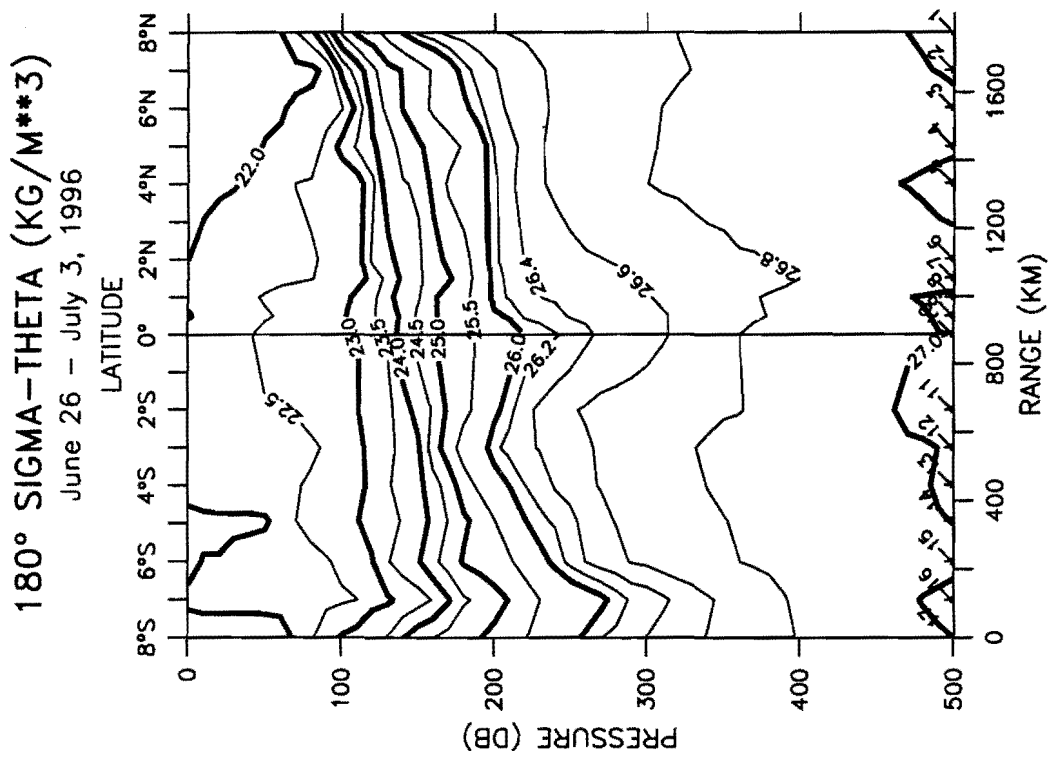
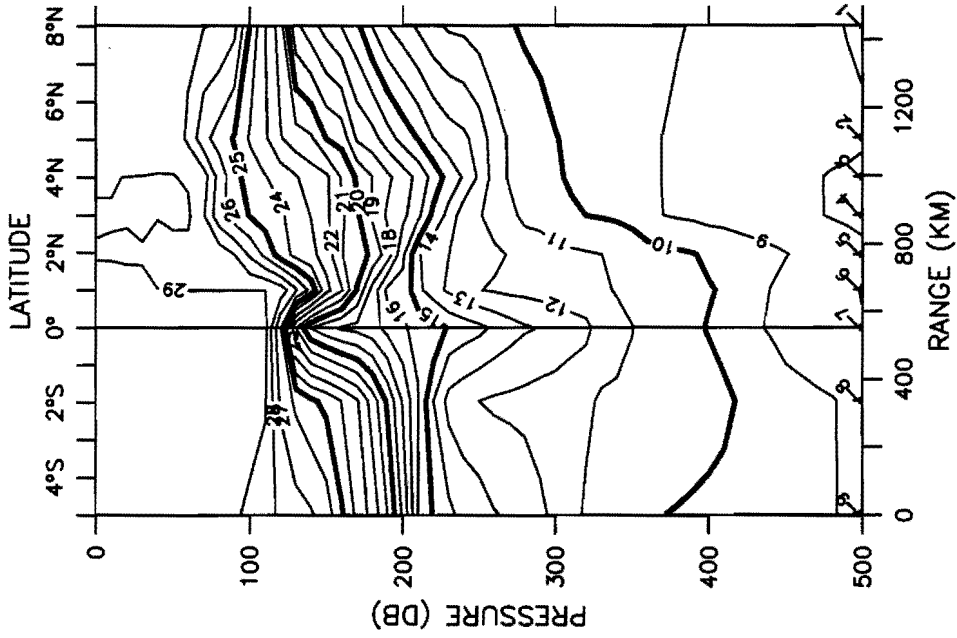


Fig. 44. GP3-96-KA summer potential density (kg/m³) sections along 180°. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

165°E POTENTIAL TEMPERATURE (°C)

April 26 - May 3, 1995



July 6 - 15, 1996

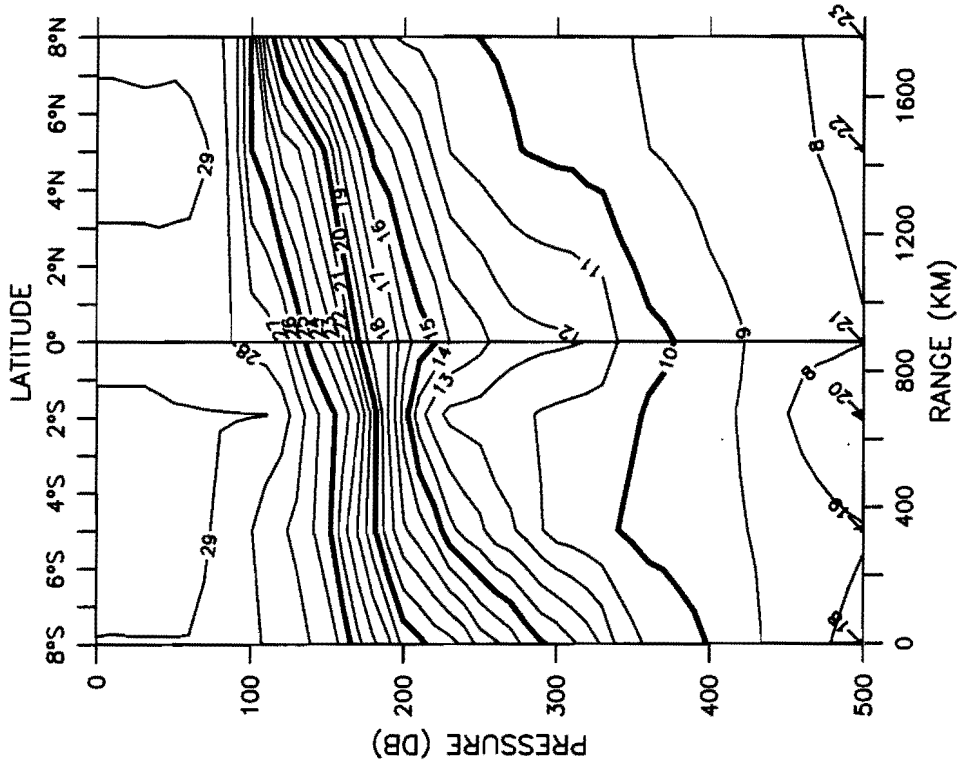


Fig. 45. GP4-95-DI spring and GP3-96-KA summer potential temperature (°C) sections along 165°E. Contour intervals are 1°C.

165°E SALINITY (PSS-78)

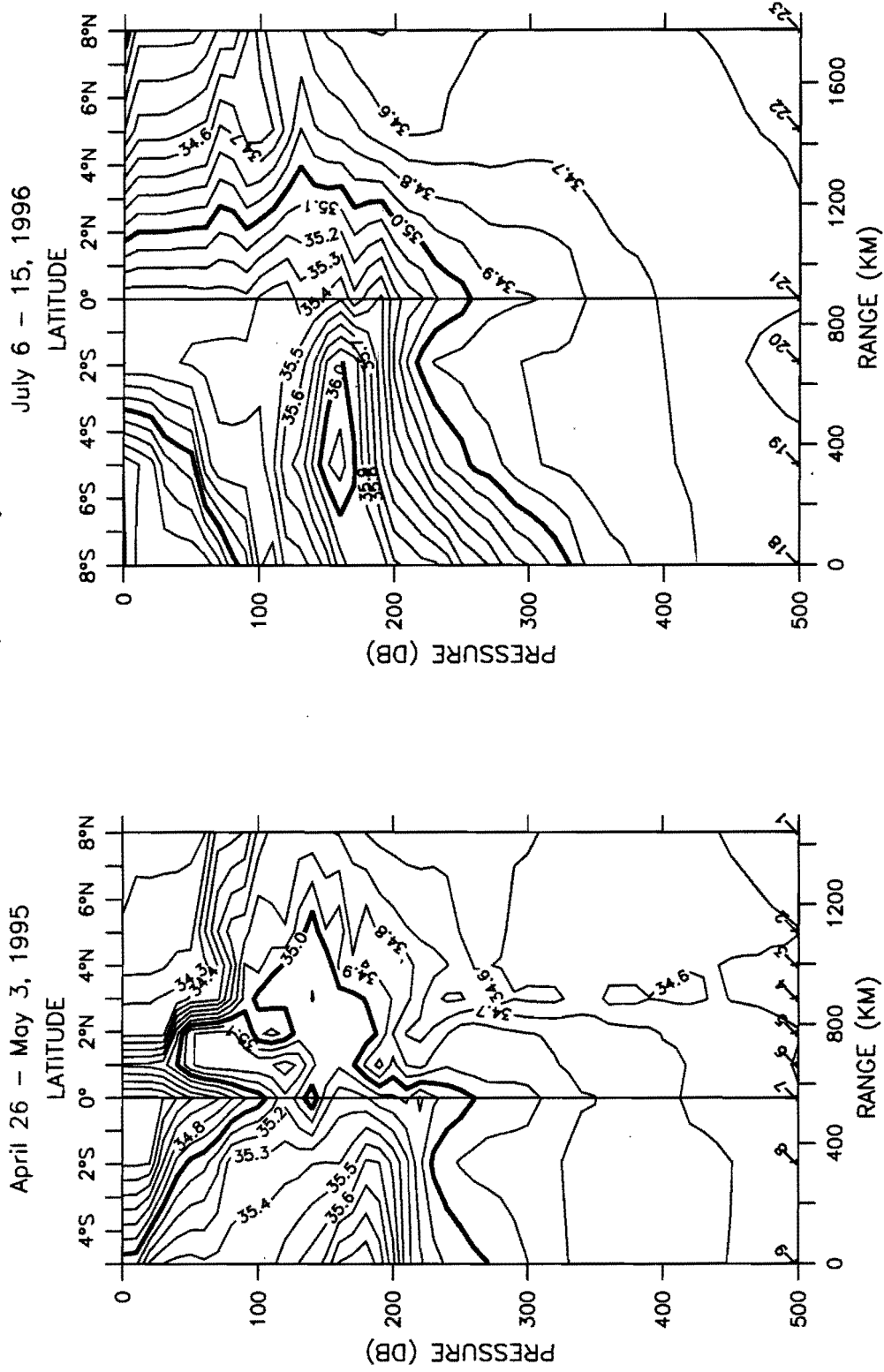


Fig. 46. GP4-95-DI spring and GP3-96-KA summer salinity (PSS-78) sections along 165°E. Contour intervals are 0.1 PSS.

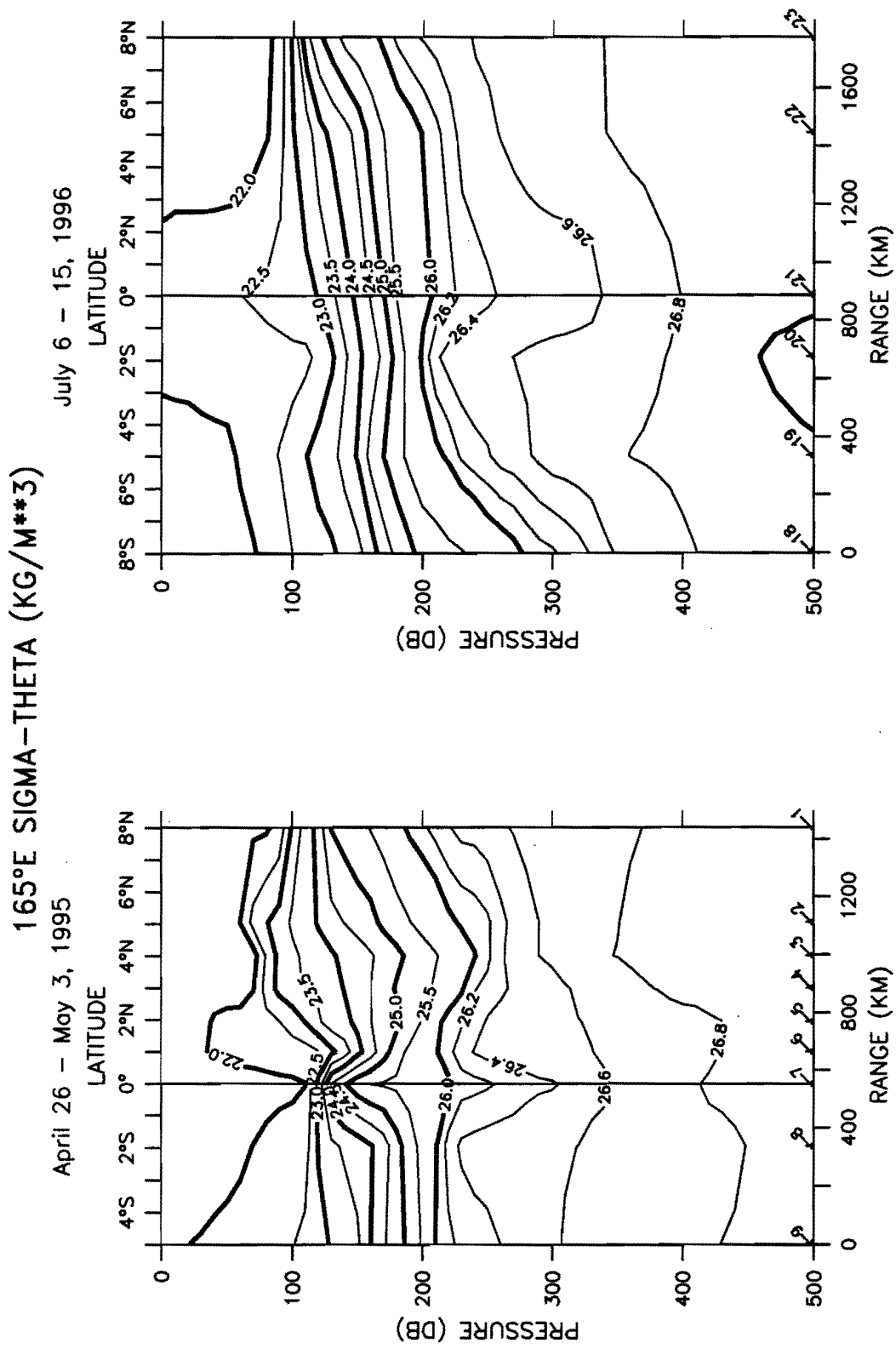


Fig. 47. GP4-95-DI spring and GP3-96-KA summer potential density (kg/m³) sections along 165°E. Contour intervals are 0.5 less than 26.0 and 0.2 greater than 26.0.

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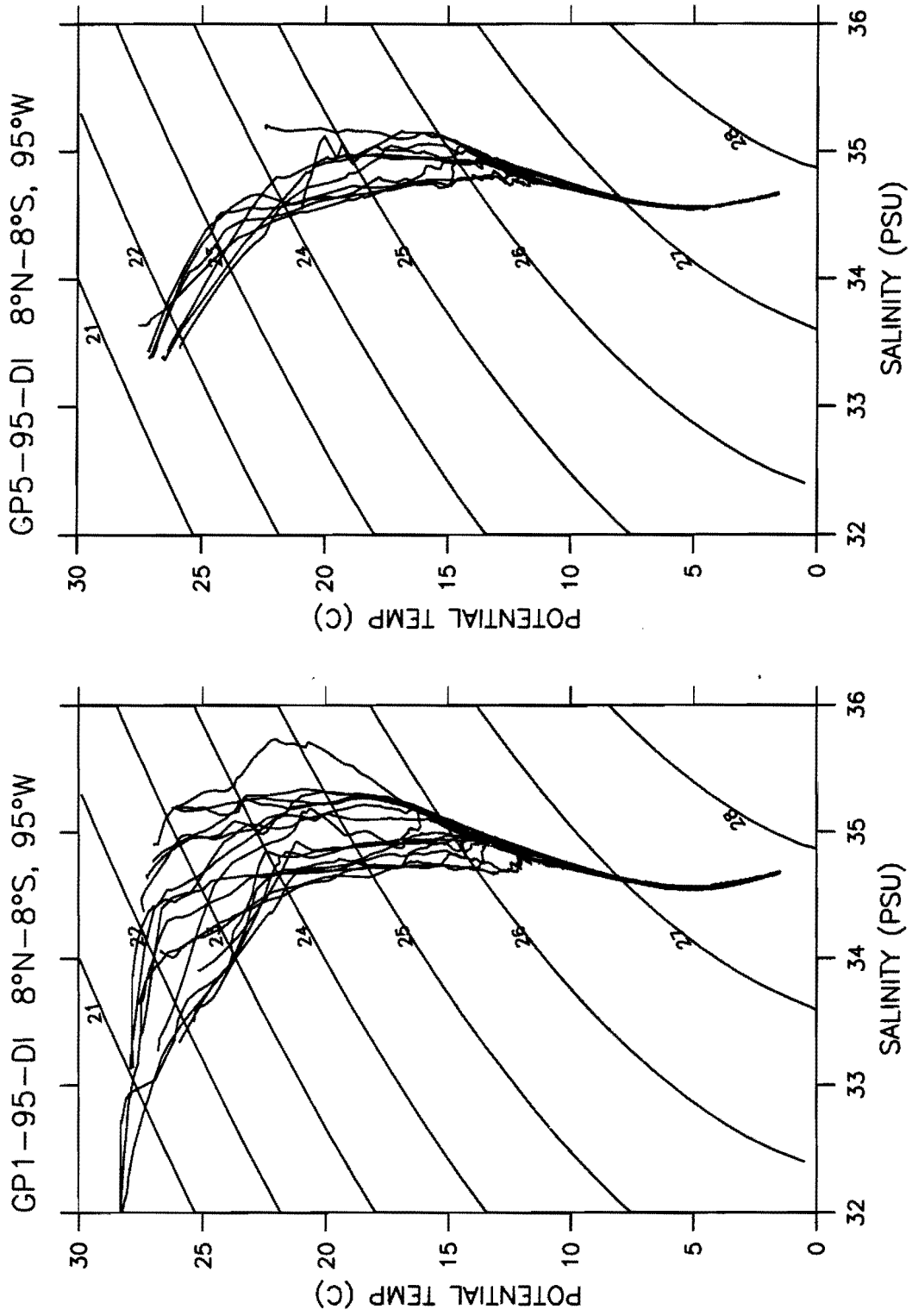


Fig. 48. GP1-95-DI winter and GP5-95-DI summer composite TS diagrams along 95°W.

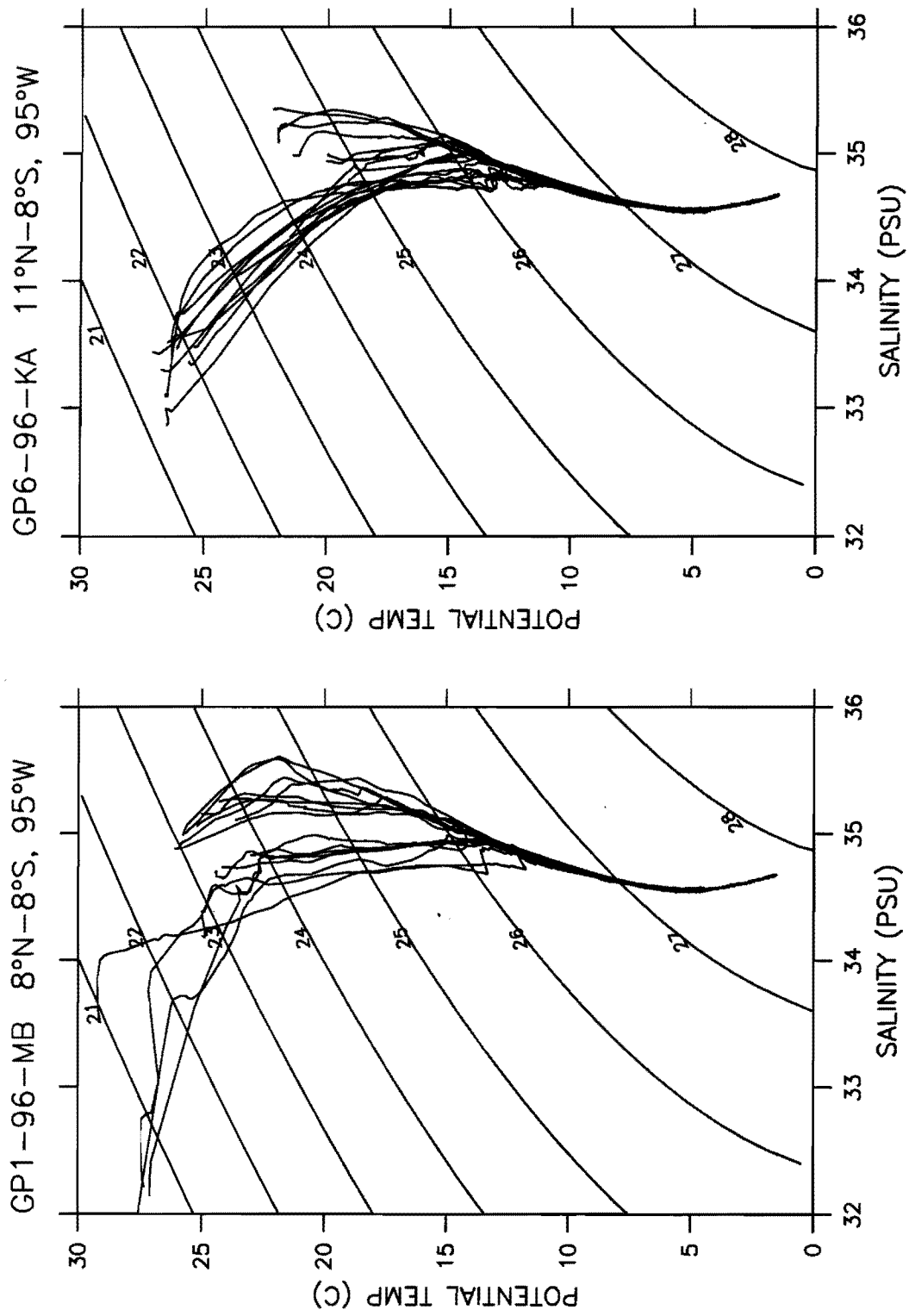


Fig. 49. GP1-96-MB spring and GP6-96-KA fall composite TS diagrams along 95°W.

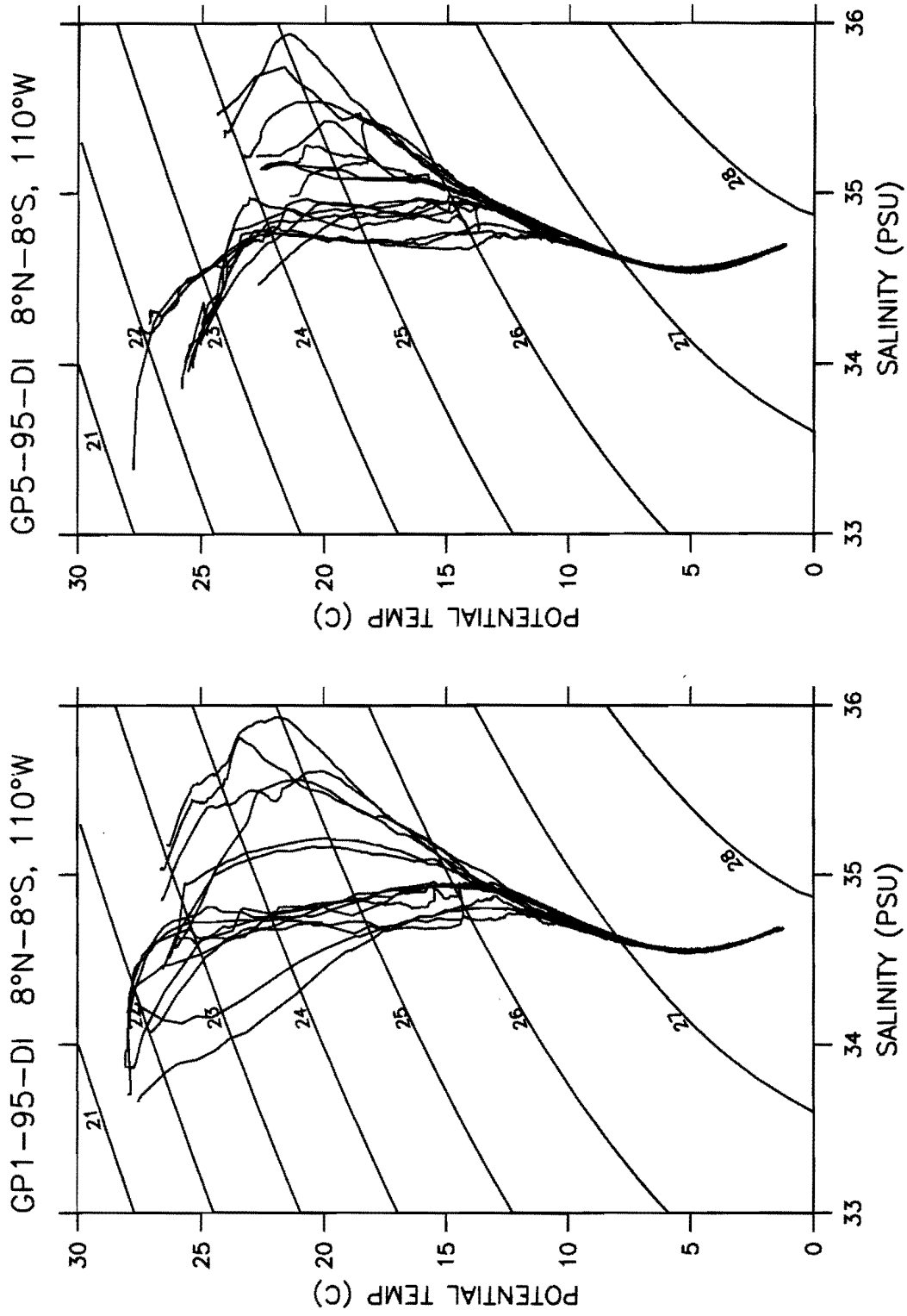


Fig. 50. GP1-95-DI winter and GP5-95-DI summer composite TS diagrams along 110°W.

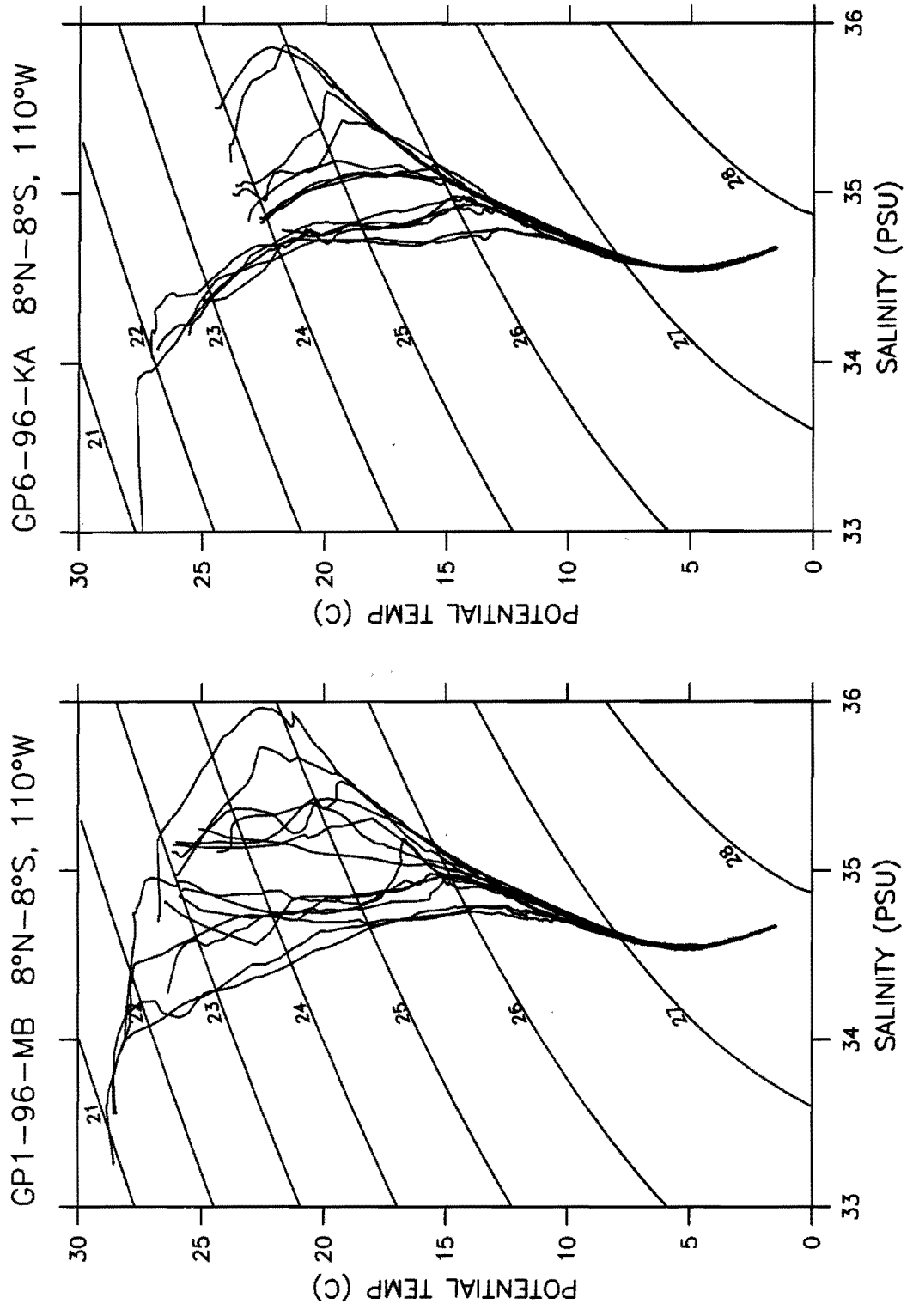


Fig. 51. GP1-96-MB spring and GP6-96-KA fall composite TS diagrams along 110°W.

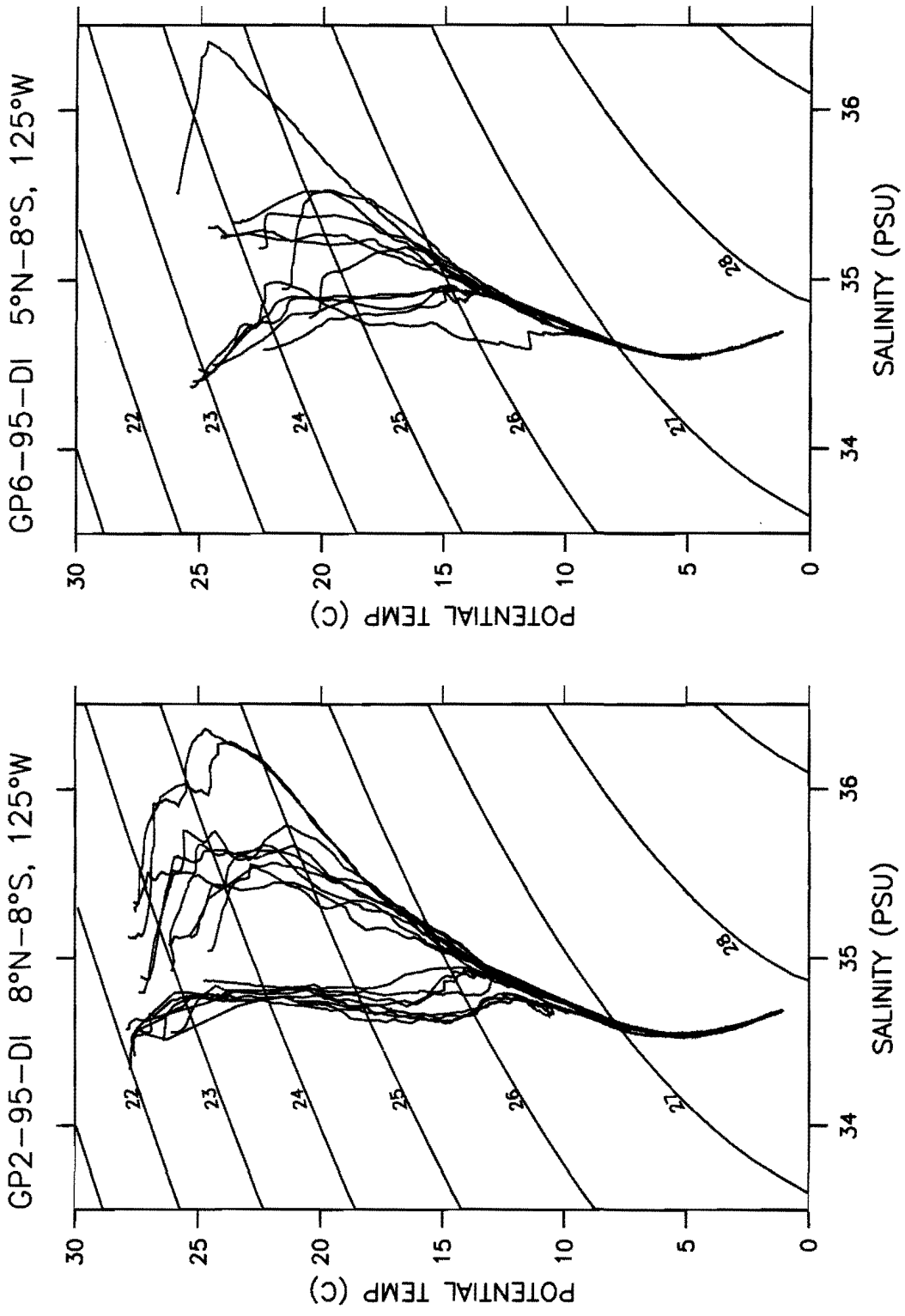


Fig. 52. GP2-95-DI spring and GP6-95-DI fall composite TS diagrams along 125°W.

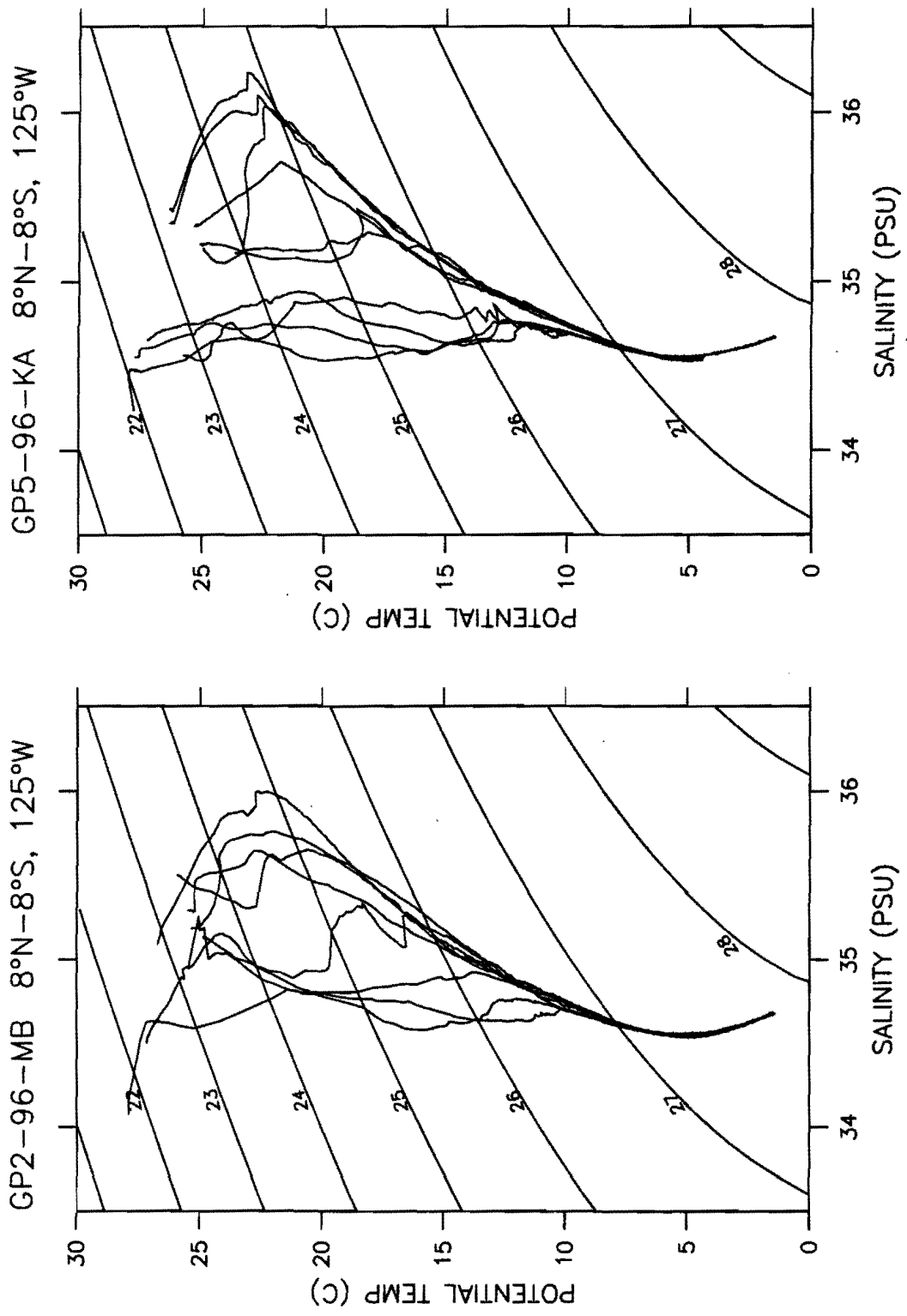


Fig. 53. GP2-96-MB summer and GP5-96-KA fall composite TS diagrams along 125°W.

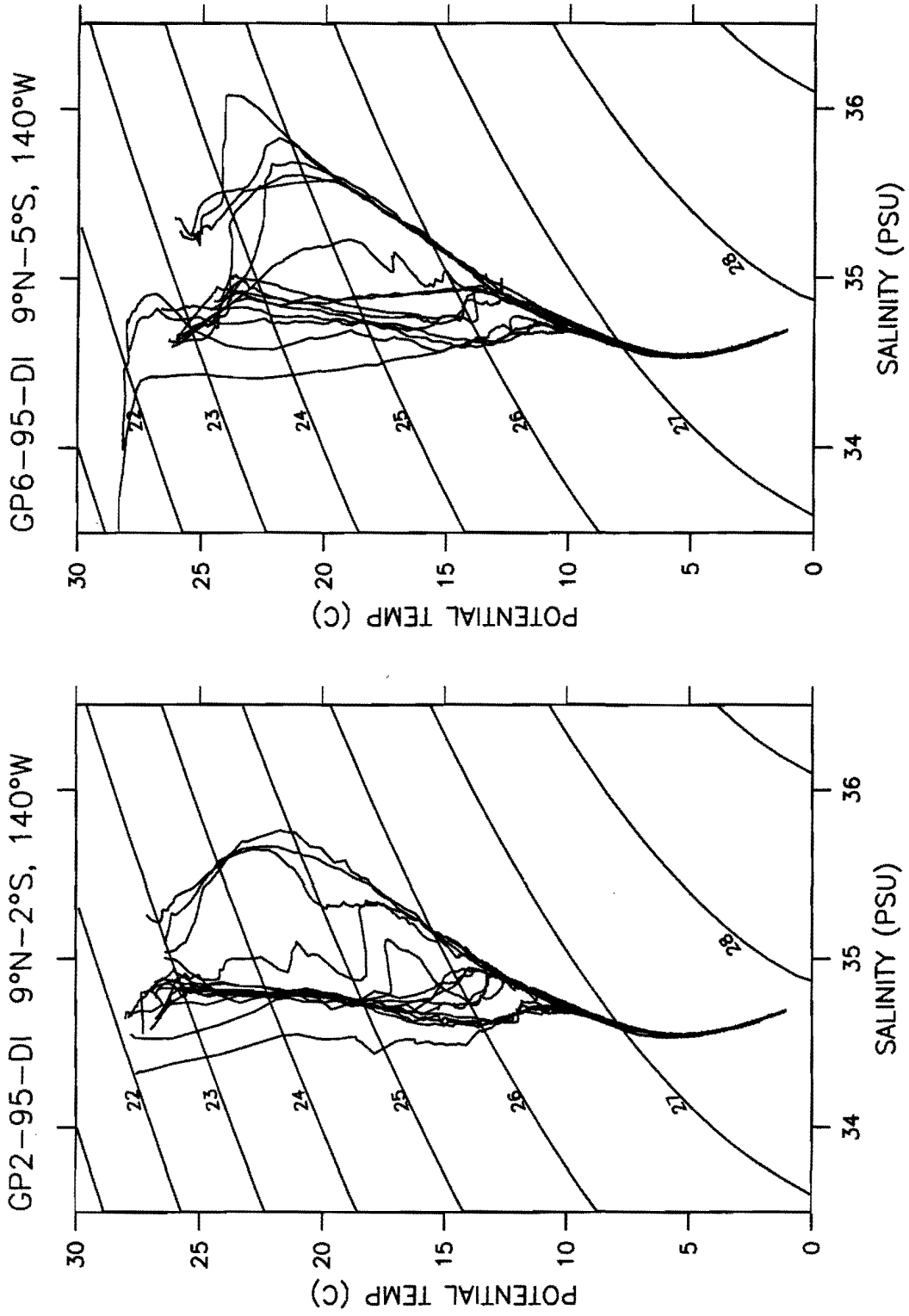


Fig. 54. GP2-95-DI spring and GP6-95-DI fall composite TS diagrams along 140°W.

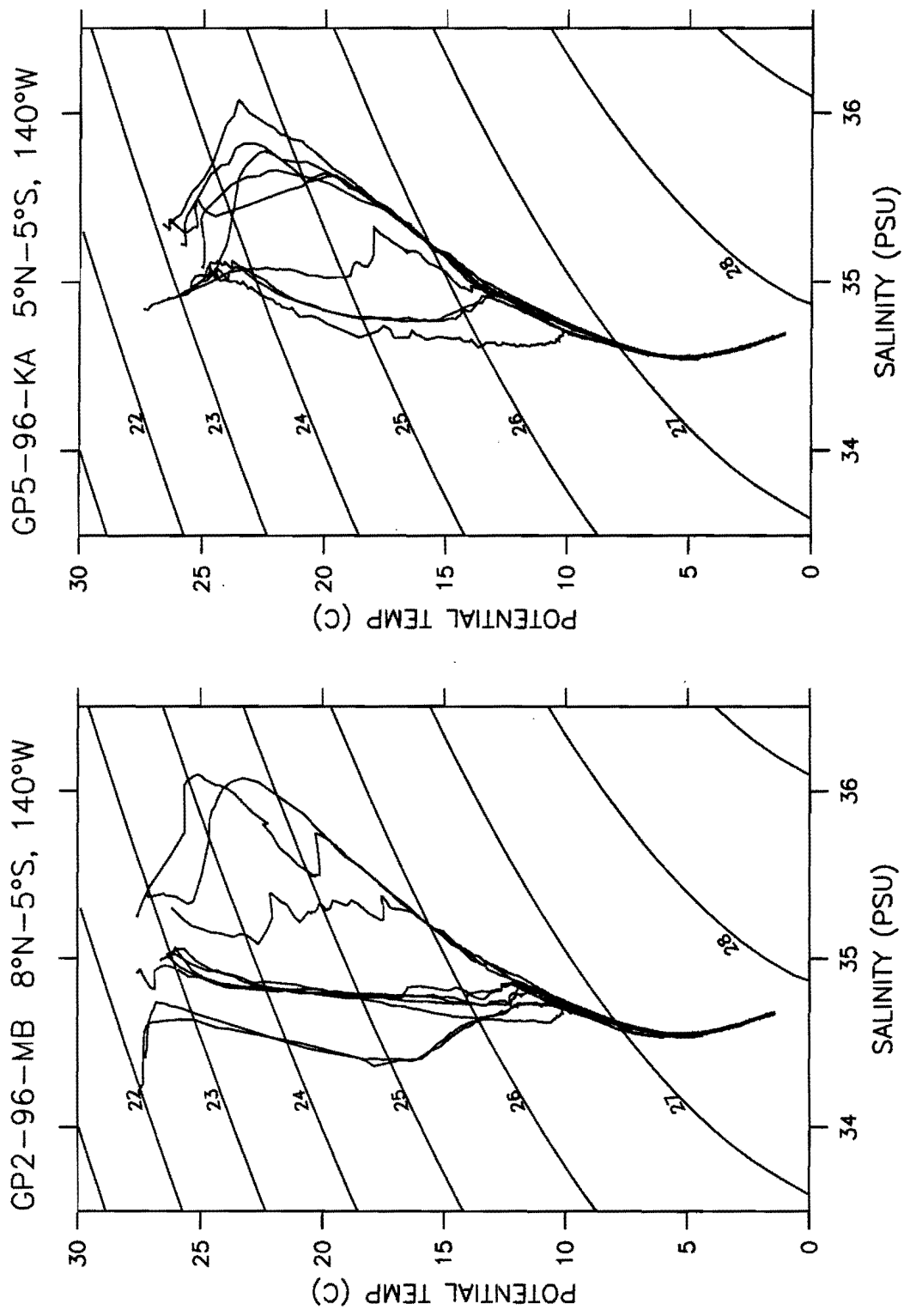


Fig. 55. GP2-96-MB summer and GP5-96-KA fall composite TS diagrams along 140°W.

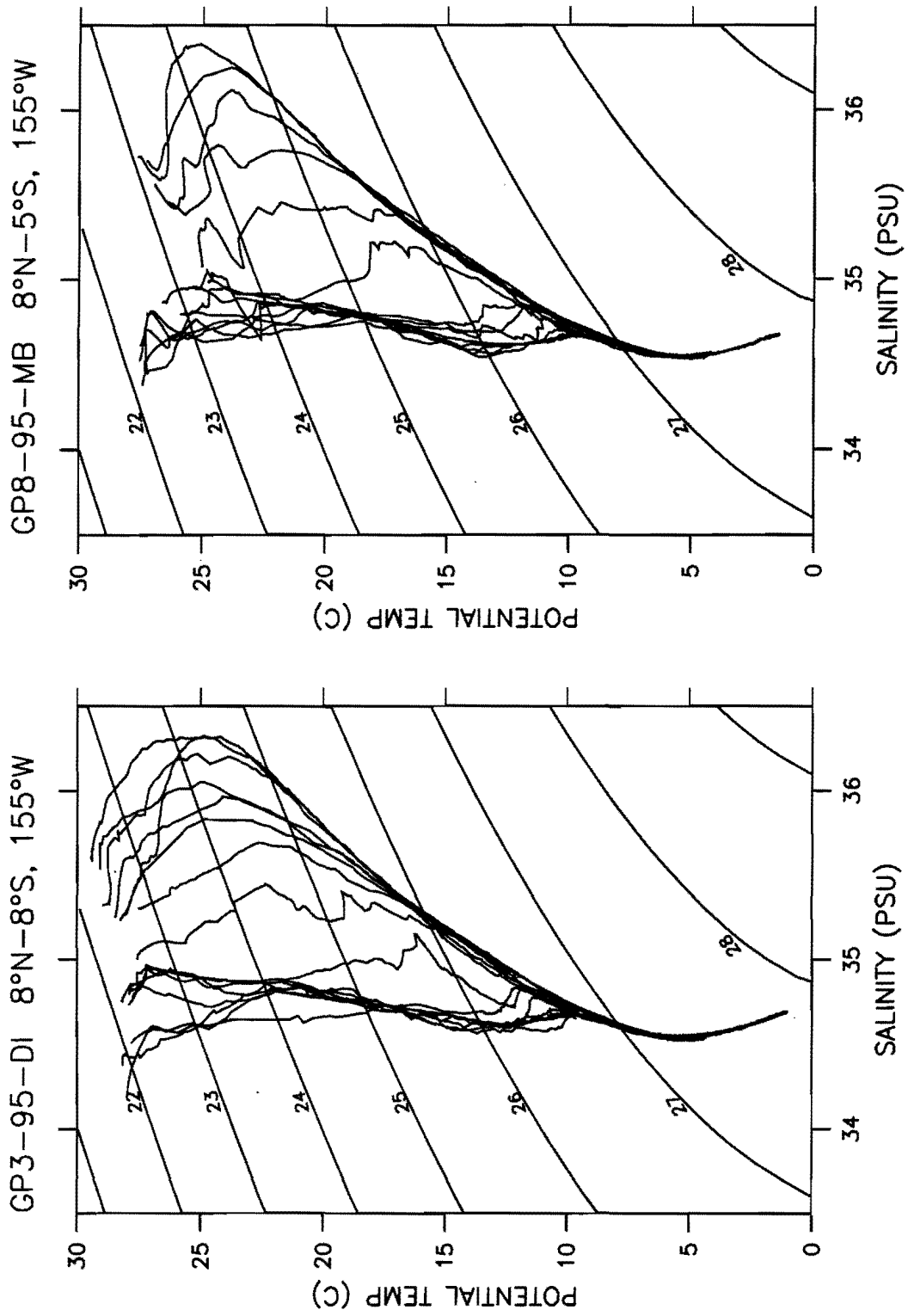


Fig. 56. GP3-95-DI spring and GP8-95-MB winter composite TS diagrams along 155°W.

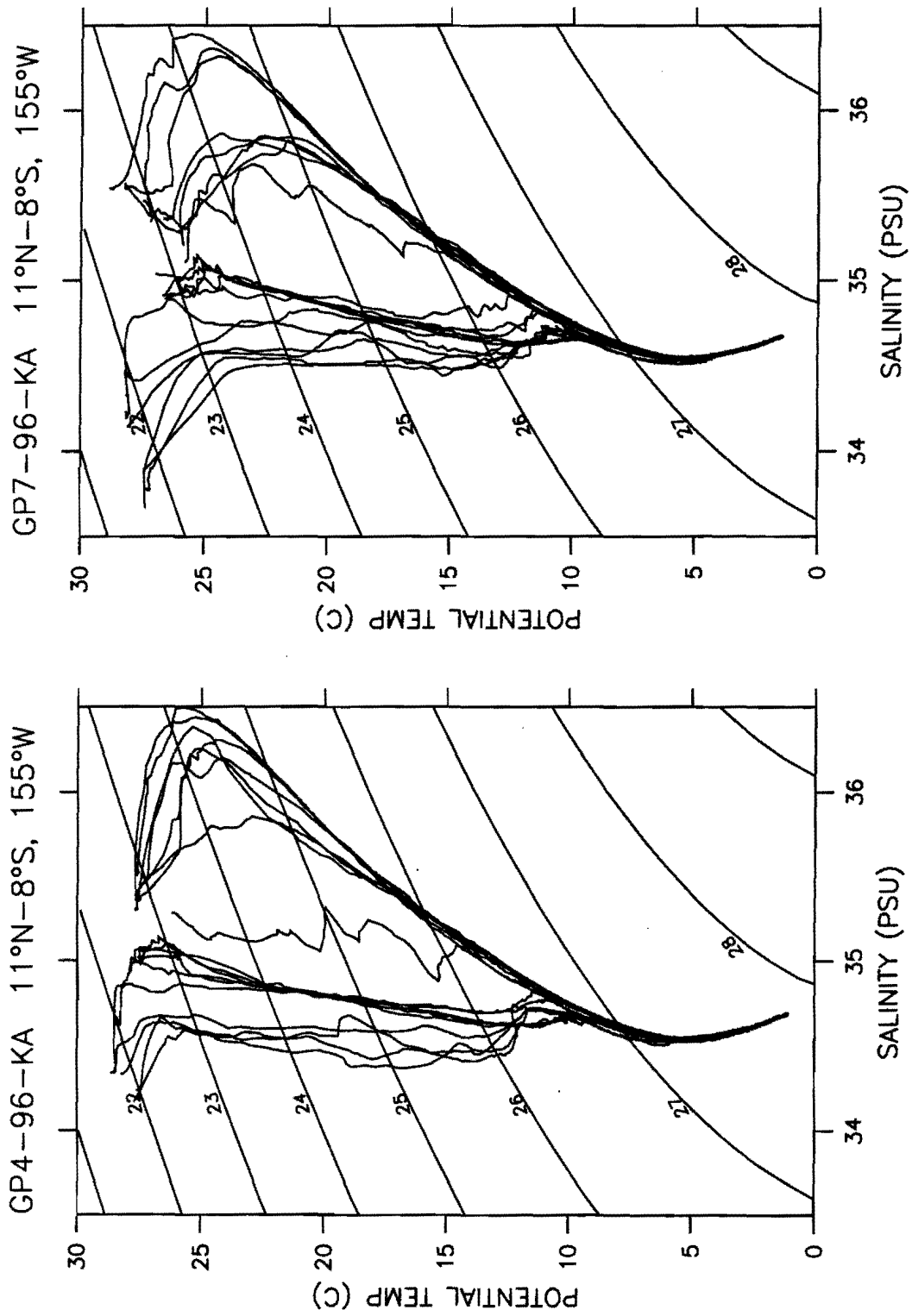


Fig. 57. GP4-96-KA summer and GP7-96-KA winter composite TS diagrams along 155°W.

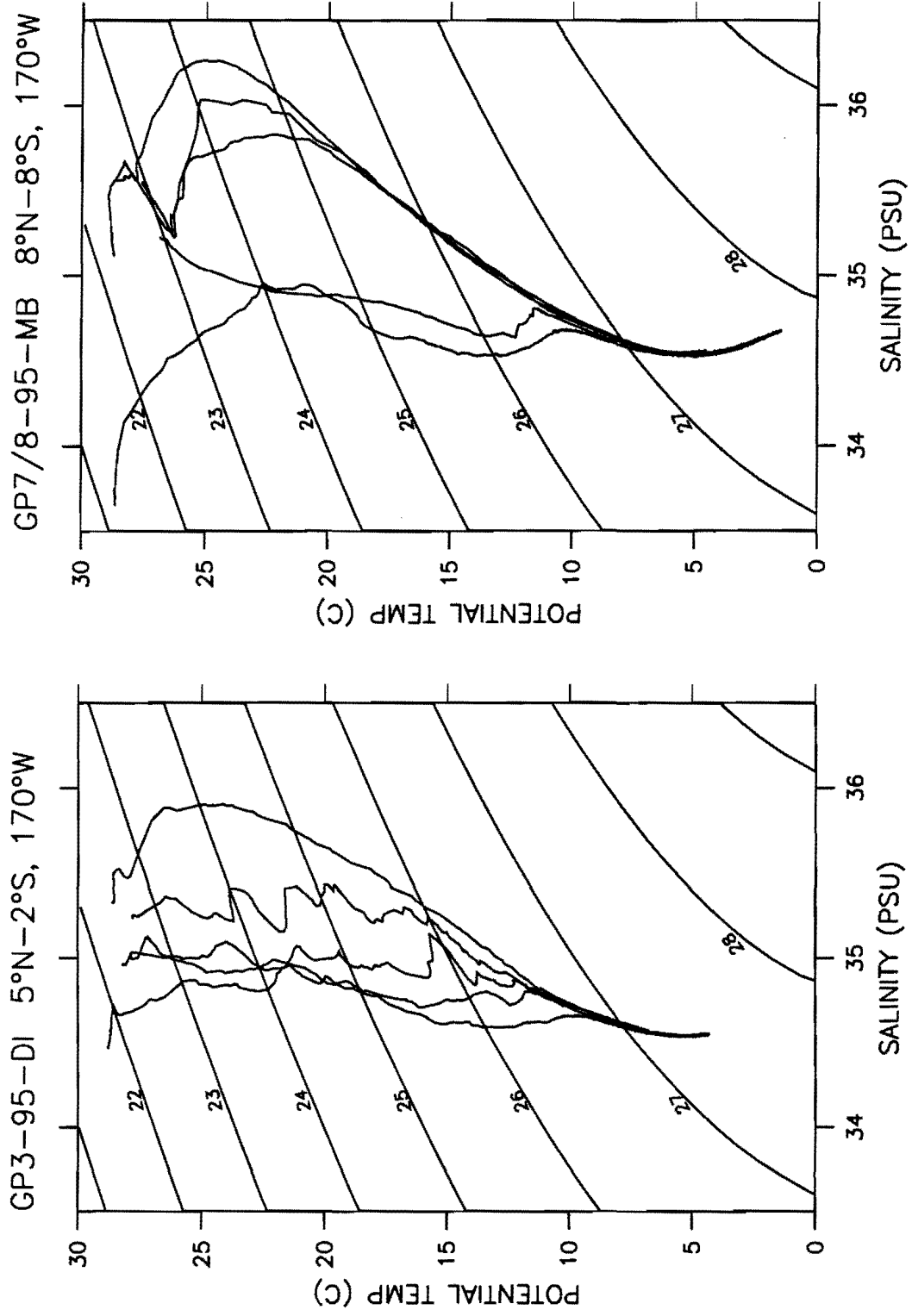


Fig. 58. GP3-95-DI spring and GP7/8-95-MB winter composite TS diagrams along 170°W.

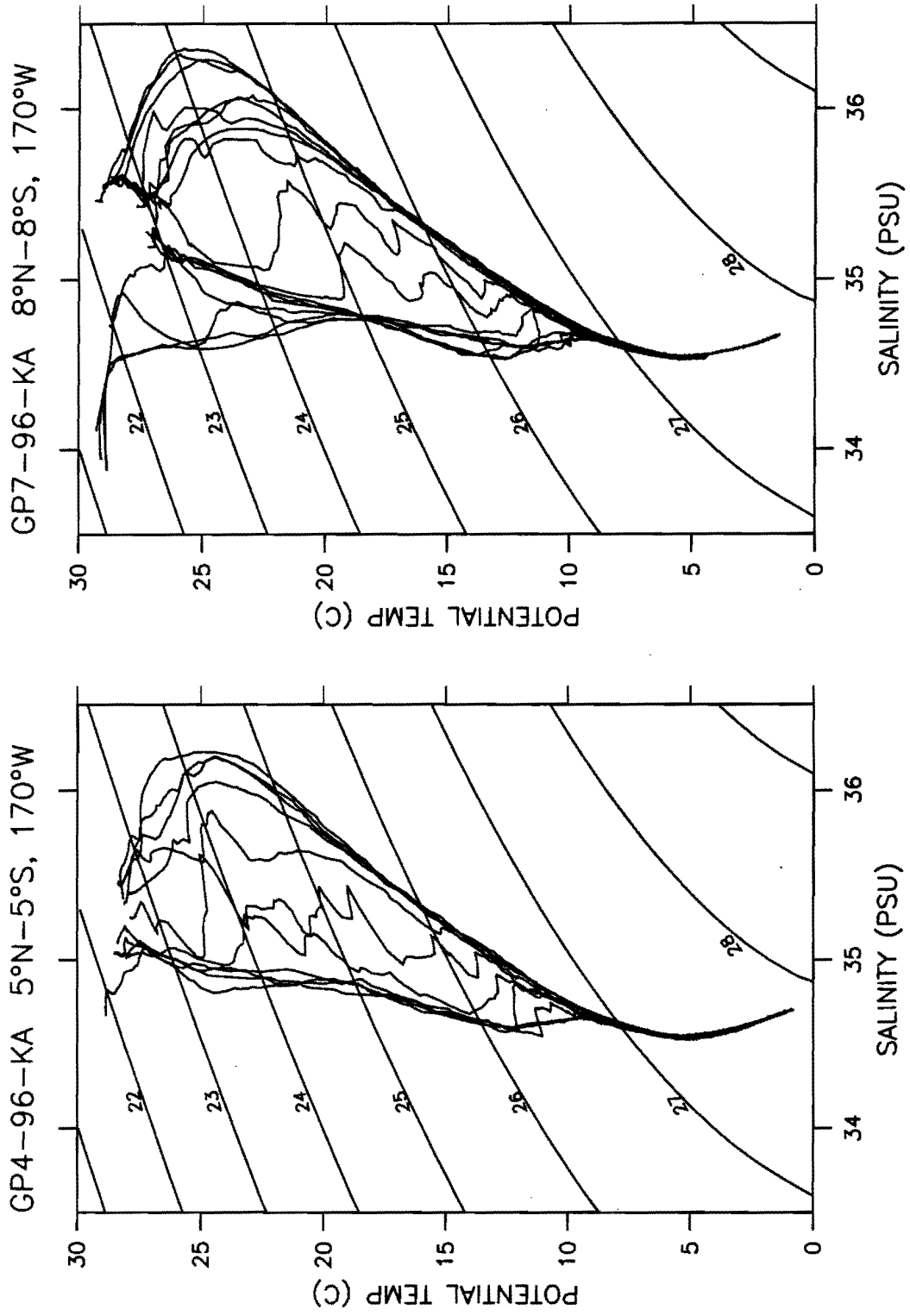


Fig. 59. GP4-96-KA summer and GP7-96-KA winter composite TS diagrams along 170°W.

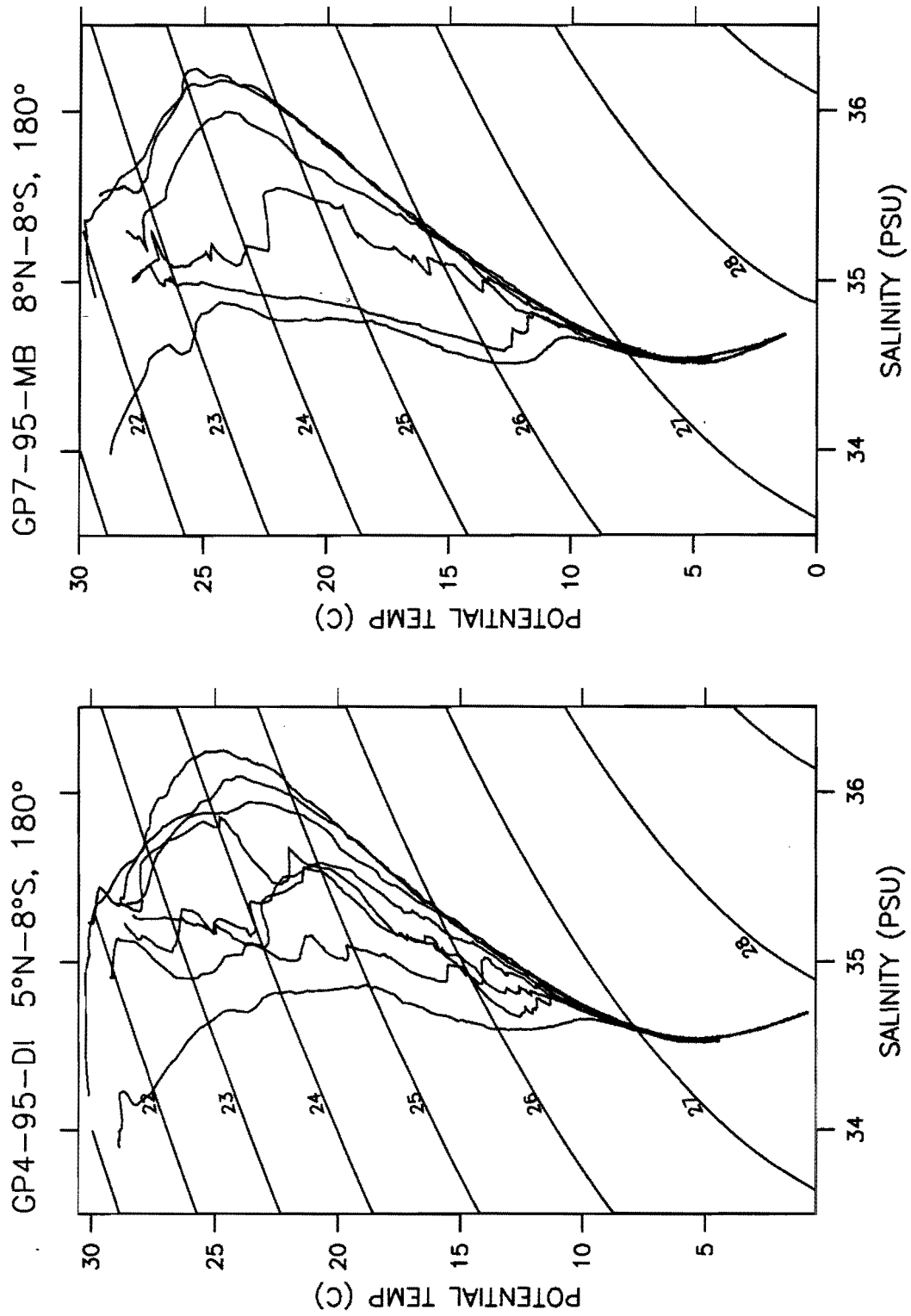


Fig. 60. GP4-95-DI spring and GP7-95-MB winter composite TS diagrams along 180°.

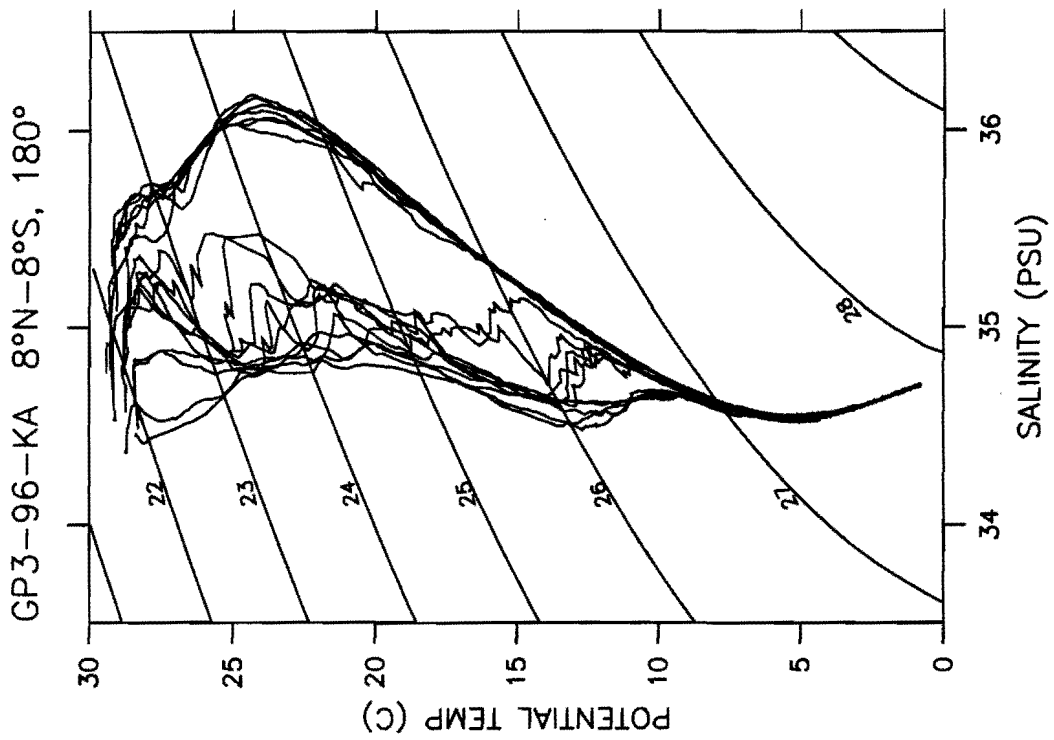


Fig. 61. GP3-96-KA summer composite TS diagram along 180°.

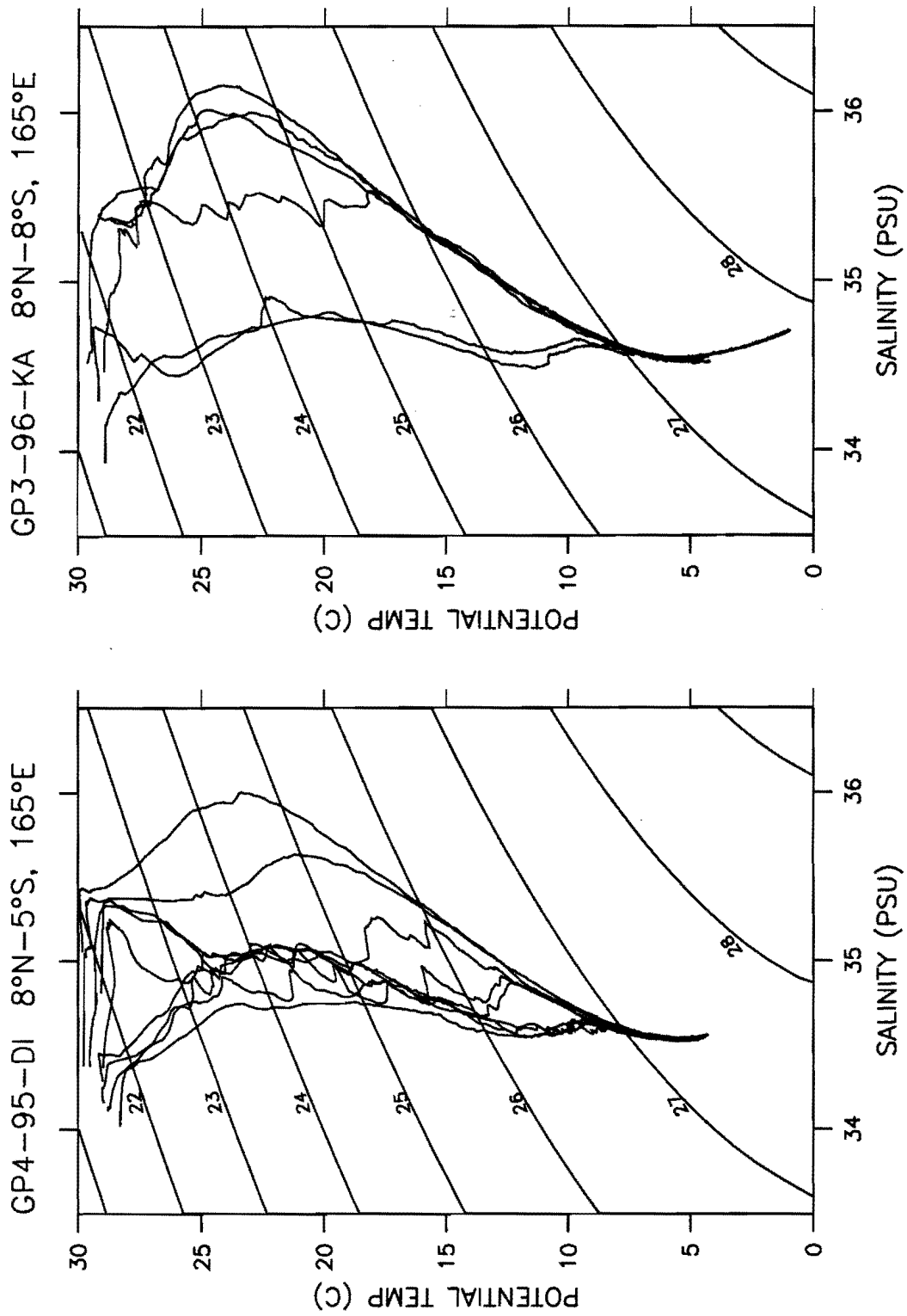


Fig. 62. GP4-95-DI spring and GP3-96-KA summer composite TS diagrams along 165°E.

Table 3. Weather condition code used to describe each set of CTD measurements.

Code	Weather Condition
0	Clear (no cloud)
1	Partly cloudy
2	Continuous layer(s) of cloud(s)
3	Sandstorm, dust storm, or blowing snow
4	Fog, thick dust or haze
5	Drizzle
6	Rain
7	Snow, or rain and snow mixed
8	Shower(s)
9	Thunderstorms

Table 4. Sea state code used to describe each set of CTD measurements.

Code	Height (meters)	Description
0	0	Calm-glassy
1	0-0.1	Calm-rippled
2	0.1-0.5	Smooth-wavelet
3	0.5-1.25	Slight
4	1.25-2.5	Moderate
5	2.5-4	Rough
6	4-6	Very rough
7	6-9	High
8	9-14	Very high
9	>14	Phenomenal

Table 5. Visibility code used to describe each set of CTD measurements.

Code	Visibility
0	<50 meters
1	50–200 meters
2	200–500 meters
3	500–1,000 meters
4	1–2 km
5	2–4 km
6	4–10 km
7	10–20 km
8	20–50 km
9	50 km or more

Table 6. Cloud type.

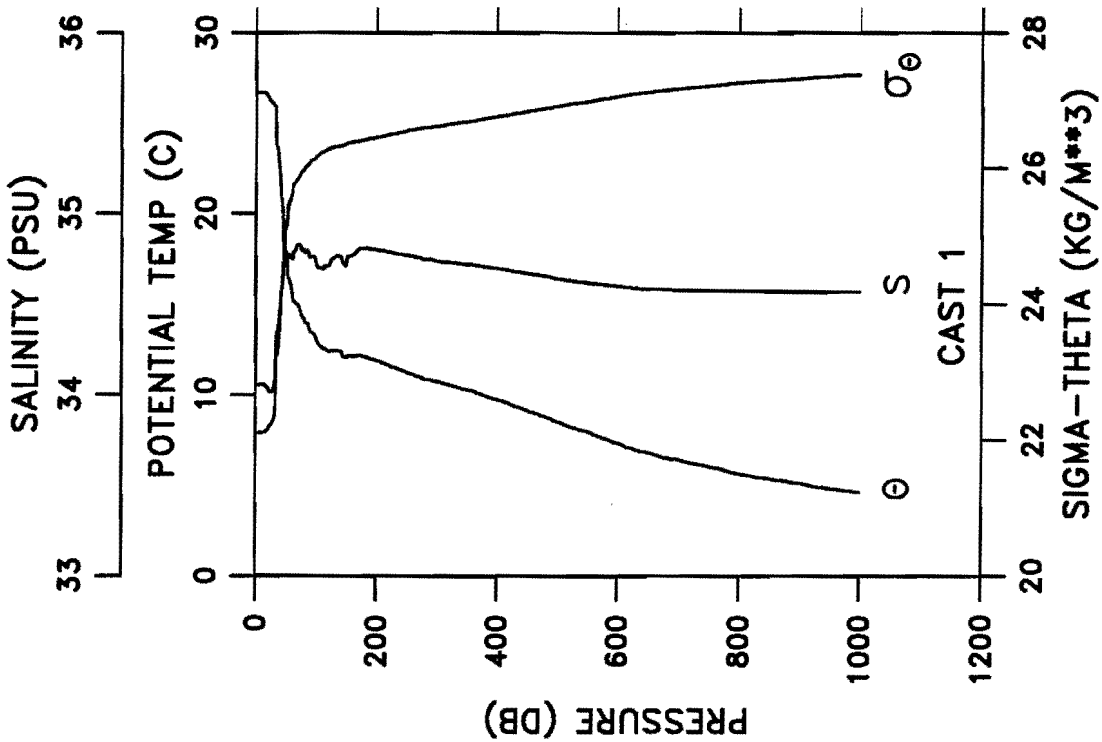
Code	Cloud Types
0	Cirrus
1	Cirrocumulus
2	Cirrostratus
3	Alto cumulus
4	Altostratus
5	Nimbostratus
6	Stratocumulus
7	Stratus
8	Cumulus
9	Cumulonimbus
X	Clouds not visible

Table 7. Cloud amount.

Code	Cloud Amount
0	0
1	1/10 or less but not zero
2	2/10-3/10
3	4/10
4	5/10
5	6/10
6	7/10-8/10
7	9/10
8	10/10
9	Sky obscured or not determined

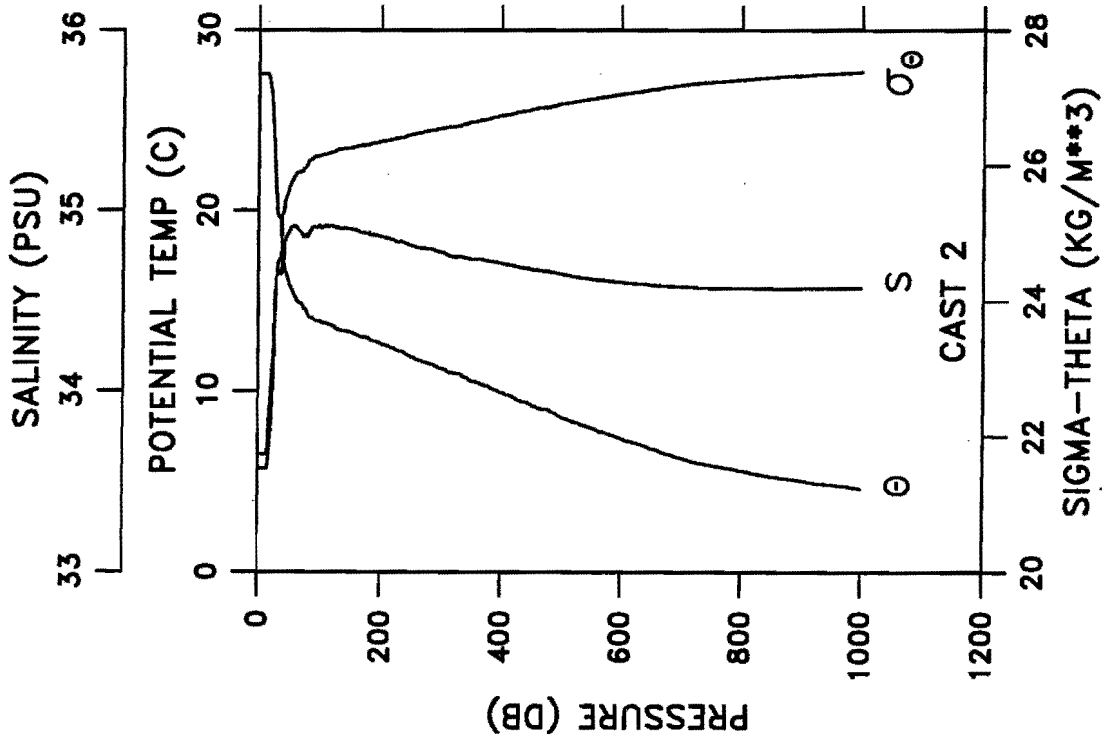
GP1-95-DI
February 5-March 2, 1995
CTD and Hydrographic Data Summary

CAST GP1-95-DI -001 DATE 11 FEB 95 TIME 0659 GMT
 LAT 07 54.2N LONG 094 59.9W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 030 T SPD 13 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 26.8 WET 23.7 DEPTH 3786 M



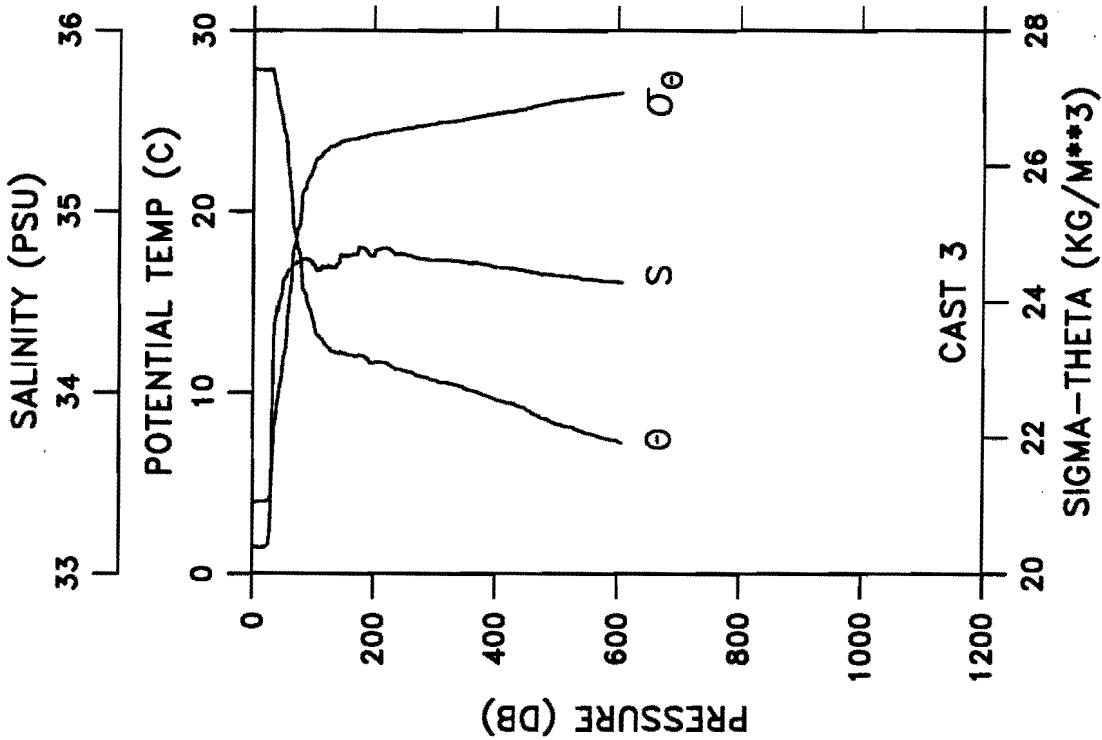
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.686	34.055	22.107	0.000
10	26.687	34.057	22.109	0.057
20	26.467	34.030	22.158	0.114
30	25.987	34.050	22.323	0.170
40	22.340	34.464	23.717	0.218
50	17.845	34.738	25.111	0.252
60	15.649	34.752	25.637	0.277
70	14.904	34.828	25.861	0.300
80	14.143	34.791	25.986	0.320
90	13.489	34.763	26.111	0.340
100	12.986	34.720	26.177	0.359
110	12.562	34.695	26.244	0.377
120	12.405	34.712	26.287	0.395
130	12.431	34.759	26.319	0.412
140	12.392	34.762	26.329	0.430
150	12.048	34.727	26.369	0.447
160	12.133	34.771	26.386	0.464
170	12.172	34.803	26.403	0.480
180	12.102	34.808	26.421	0.497
190	11.977	34.805	26.442	0.513
200	11.871	34.799	26.458	0.529
250	11.239	34.769	26.553	0.608
300	10.726	34.737	26.620	0.683
350	10.288	34.718	26.682	0.756
400	9.736	34.697	26.761	0.826
450	9.144	34.671	26.838	0.892
500	8.523	34.641	26.913	0.956
550	7.976	34.618	26.978	1.015
600	7.338	34.600	27.057	1.072
650	6.801	34.587	27.121	1.125
700	6.405	34.579	27.168	1.176
750	6.028	34.575	27.213	1.225
800	5.619	34.571	27.261	1.271
900	5.113	34.569	27.321	1.359
1000	4.589	34.570	27.380	1.442
1500	3.034	34.614	27.574	1.791
2000	2.136	34.646	27.678	2.074
2500	1.674	34.670	27.732	2.316
3000	1.588	34.674	27.741	2.551
3404	1.575	34.675	27.744	2.747

CAST GP1-95-DI --002 DATE 11 FEB 95 TIME 1217 GMT
 LAT 07 01.1N LONG 095 00.5W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 020 T SPD 13 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 26.7 WET 24.2 DEPTH 3680 M



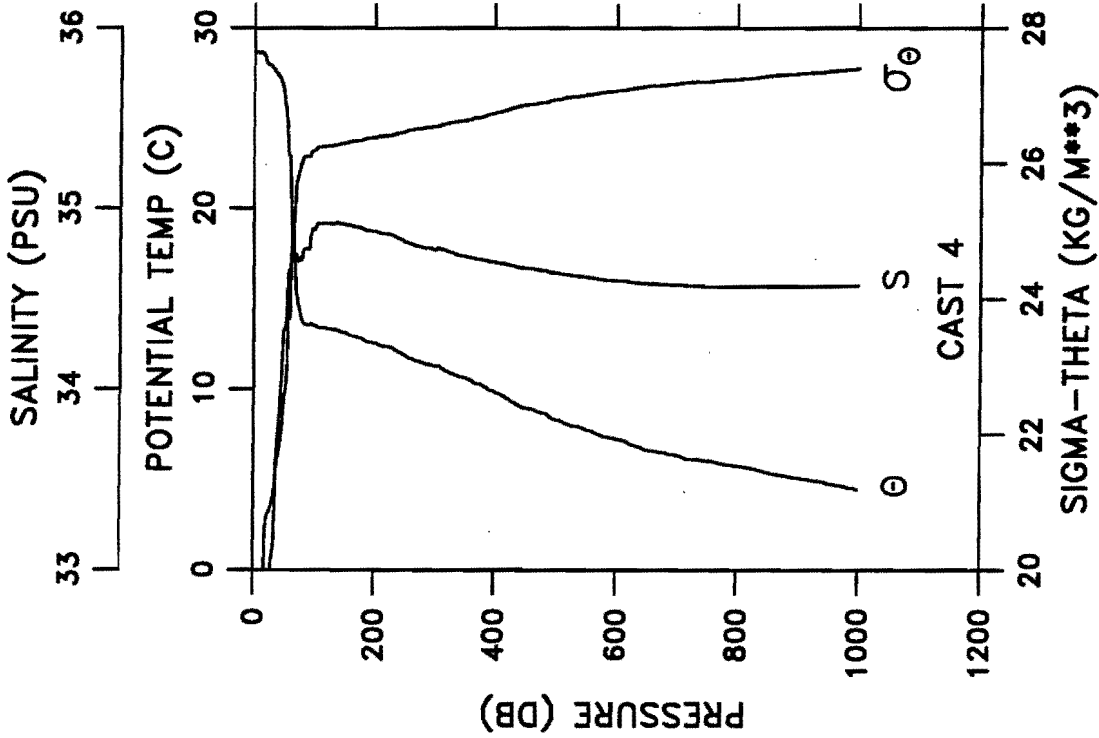
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-0 (DYN-M)
0	27.584	33.655	21.527	0.000
10	27.583	33.651	21.524	0.063
20	26.683	33.981	22.053	0.124
30	20.544	34.616	24.326	0.171
40	17.138	34.718	25.266	0.204
50	15.941	34.877	25.668	0.229
60	15.219	34.914	25.858	0.251
70	14.849	34.875	25.909	0.272
80	14.219	34.852	26.027	0.293
90	13.974	34.908	26.122	0.312
100	13.883	34.917	26.148	0.331
110	13.778	34.919	26.172	0.350
120	13.630	34.914	26.198	0.368
130	13.411	34.905	26.237	0.387
140	13.332	34.901	26.250	0.405
150	13.260	34.897	26.261	0.423
160	13.115	34.888	26.284	0.441
170	12.989	34.877	26.300	0.458
180	12.931	34.872	26.308	0.476
190	12.766	34.864	26.335	0.493
200	12.615	34.854	26.357	0.510
250	11.883	34.806	26.461	0.594
300	11.247	34.768	26.551	0.674
350	10.566	34.730	26.644	0.750
400	9.930	34.708	26.736	0.821
450	9.247	34.675	26.824	0.889
500	8.555	34.648	26.913	0.953
550	7.982	34.621	26.979	1.013
600	7.394	34.603	27.051	1.070
650	6.818	34.587	27.119	1.123
700	6.294	34.579	27.182	1.174
750	5.909	34.573	27.227	1.222
800	5.600	34.569	27.262	1.268
800	5.051	34.568	27.327	1.356
1000	4.598	34.572	27.381	1.438
1001	4.596	34.572	27.382	1.439

CAST GP1-95-DI -003 DATE 11 FEB 95 TIME 1755 GMT
 LAT 06 00.0N LONG 095 00.0W WEATHER 1 SEA STATE 4
 BAROMETER 13 WIND DIR 030 T SPD 14 KT VISIBILITY 7
 CLOUD 8 AMOUNT 5 DRY 28.6 WET 24.3 DEPTH 3088 M



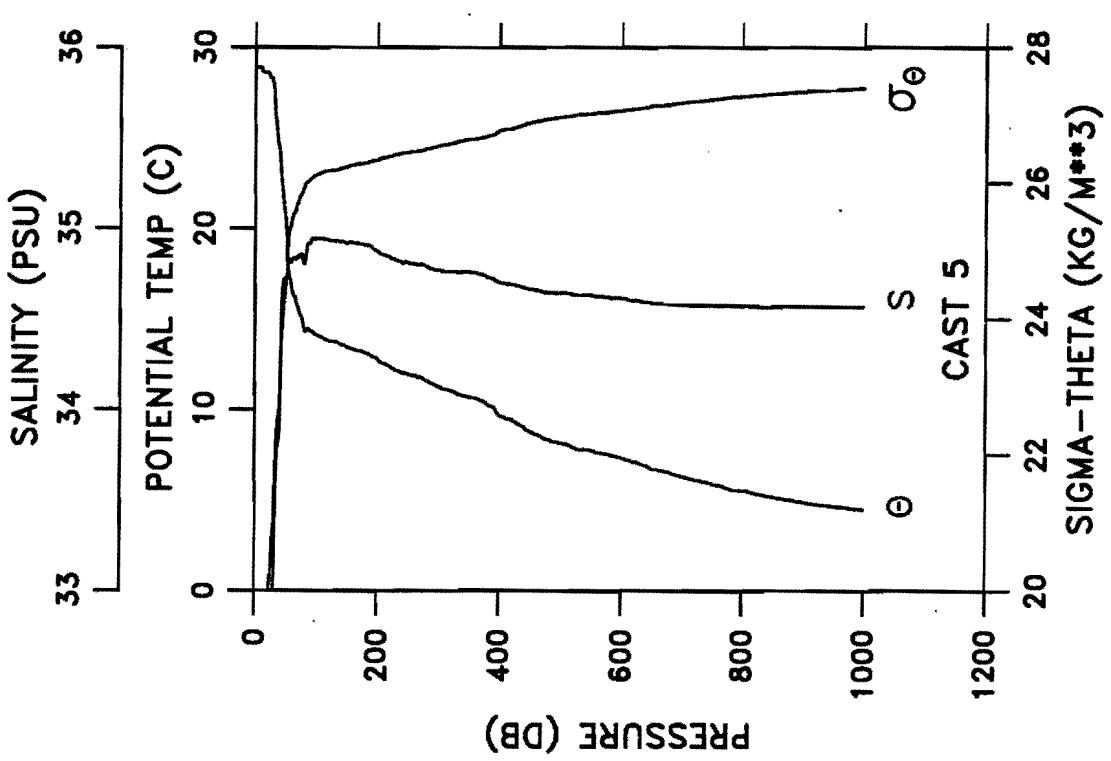
PRES (DB)	POT TEMP (C)	SAL (PSU)	SGK-TH	DELTA-D (DYN-M)
0	27.884	33.151	21.045	0.000
10	27.820	33.148	21.062	0.067
20	27.810	33.148	21.087	0.134
30	27.872	33.527	21.331	0.201
40	26.332	34.459	22.524	0.259
50	24.576	34.621	23.184	0.309
60	21.720	34.677	24.052	0.353
70	18.716	34.711	24.873	0.387
80	16.553	34.736	25.418	0.416
90	14.895	34.734	25.790	0.440
100	13.837	34.707	25.996	0.461
110	13.026	34.674	26.136	0.480
120	12.583	34.692	26.237	0.499
130	12.277	34.690	26.295	0.517
140	12.165	34.711	26.334	0.534
150	12.117	34.752	26.375	0.551
160	12.029	34.757	26.396	0.568
170	11.991	34.783	26.407	0.584
180	12.008	34.789	26.432	0.601
190	11.815	34.774	26.449	0.617
200	11.622	34.755	26.471	0.633
250	11.189	34.764	26.556	0.711
300	10.681	34.731	26.624	0.787
350	10.213	34.719	26.697	0.859
400	9.607	34.694	26.780	0.928
450	9.050	34.672	26.853	0.994
500	8.257	34.646	26.958	1.056
550	7.742	34.626	27.019	1.114
600	7.336	34.610	27.065	1.169
606	7.222	34.608	27.079	1.176

CAST GP1-95-DI -004 DATE 12 FEB 95 TIME 0430 GMT
 LAT 05 00.0N LONG 094 55.1W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 030 T SPD 07 KT VISIBILITY 8
 CLOUD 6 AMOUNT 5 DRY 28.2 WET 24.9 DEPTH 3648 M



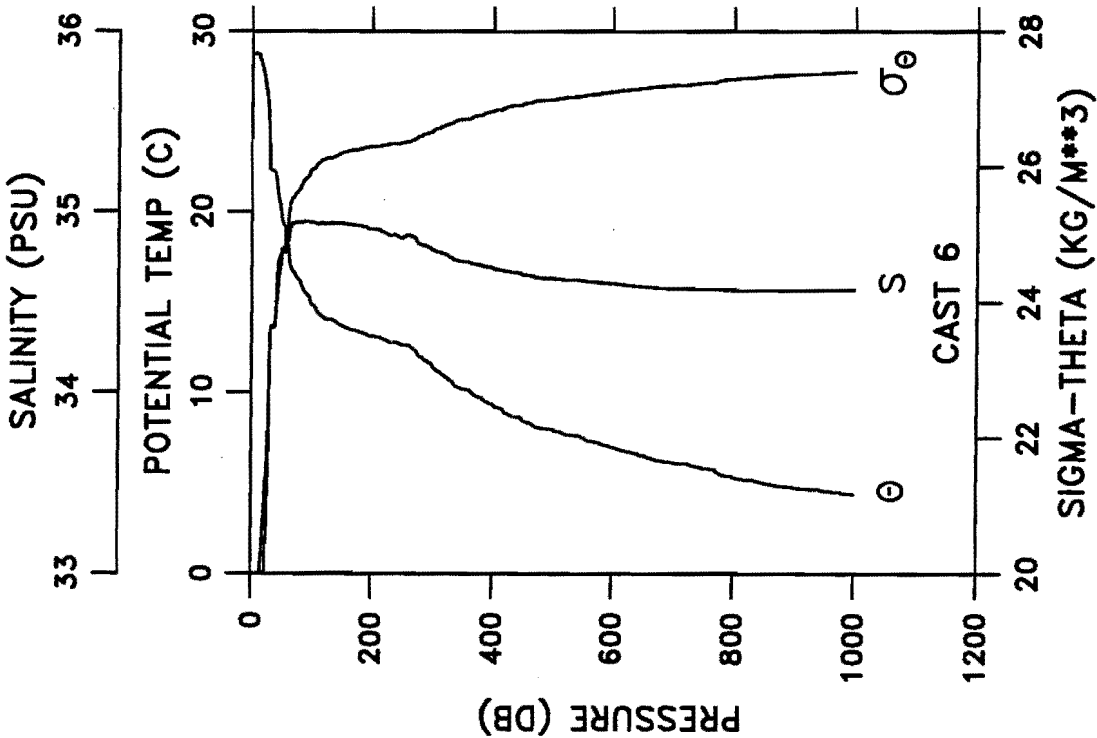
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.645	30.938	19.137	0.000
10	28.640	30.937	19.137	0.086
20	28.078	32.658	20.613	0.168
30	27.813	33.035	20.981	0.237
40	27.341	33.755	21.674	0.302
50	26.100	34.330	22.499	0.360
60	22.521	34.648	23.805	0.408
70	15.273	34.744	25.715	0.438
80	13.727	34.728	26.035	0.459
90	13.555	34.774	26.106	0.479
100	13.514	34.881	26.197	0.498
110	13.386	34.914	26.249	0.516
120	13.347	34.916	26.258	0.534
130	13.296	34.913	26.266	0.551
140	13.220	34.918	26.285	0.569
150	13.108	34.912	26.303	0.587
160	12.968	34.906	26.327	0.604
170	12.885	34.897	26.337	0.621
180	12.756	34.887	26.354	0.639
190	12.610	34.878	26.377	0.656
200	12.548	34.873	26.385	0.673
250	11.905	34.819	26.467	0.755
300	11.272	34.771	26.548	0.834
350	10.653	34.737	26.633	0.910
400	8.872	34.704	26.743	0.982
450	8.985	34.671	26.863	1.048
500	8.325	34.643	26.944	1.110
550	7.746	34.621	27.014	1.168
600	7.228	34.601	27.073	1.224
650	6.637	34.586	27.143	1.276
700	6.340	34.578	27.176	1.327
750	6.041	34.571	27.209	1.375
800	5.744	34.568	27.243	1.422
800	5.099	34.571	27.324	1.511
1000	4.449	34.573	27.399	1.593
1500	2.965	34.617	27.583	1.936
2000	2.128	34.650	27.681	2.212
2500	1.989	34.671	27.733	2.455
3000	1.587	34.676	27.744	2.688
3447	1.561	34.675	27.745	2.904

CAST GP1-95-DJ -005 DATE 13 FEB 95 TIME 0000 GMT
 LAT 04 00.5N LONG 095 00.4W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 030 T SPD 11 KT VISIBILITY 8
 CLOUD 9 AMOUNT 2 DRY 29.5 WET 25.5 DEPTH 3512 M



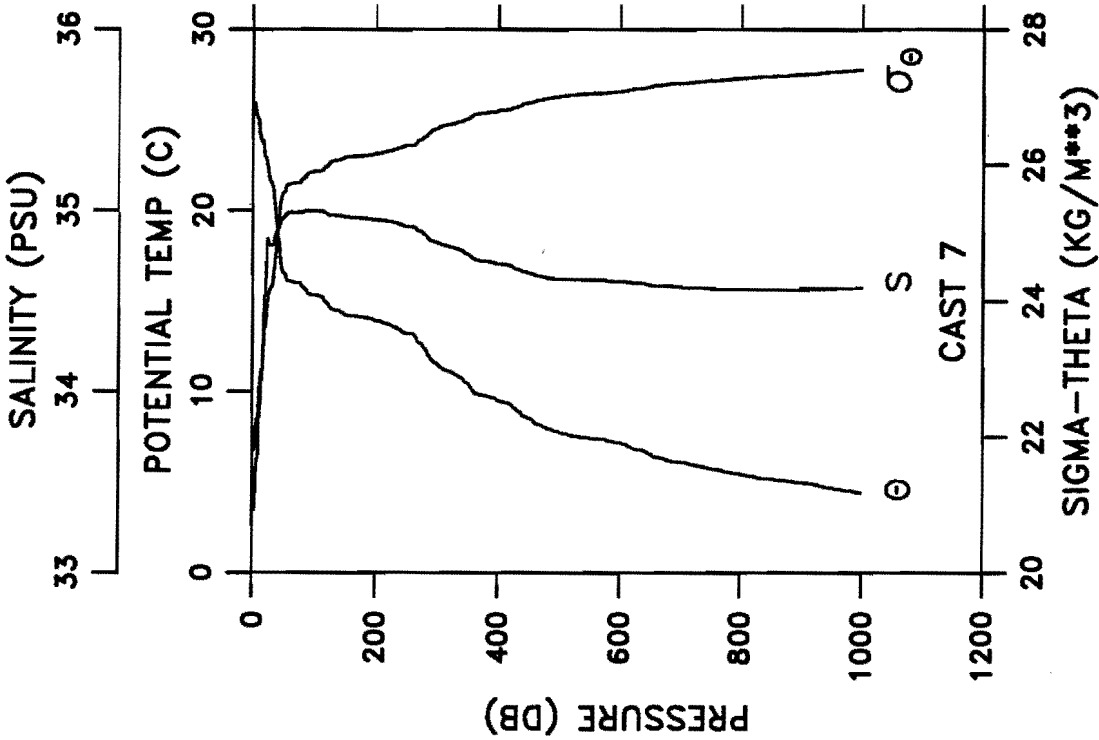
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.889	31.584	19.525	0.000
10	28.847	31.562	19.538	0.082
20	28.813	31.672	19.697	0.163
30	27.955	32.943	20.865	0.238
40	24.322	33.865	22.689	0.297
50	20.528	34.718	24.407	0.338
60	16.719	34.817	25.441	0.367
70	15.882	34.846	25.702	0.391
80	14.484	34.802	25.932	0.413
90	14.346	34.922	26.054	0.433
100	14.120	34.941	26.117	0.452
110	13.940	34.942	26.156	0.471
120	13.785	34.934	26.182	0.490
130	13.731	34.931	26.190	0.509
140	13.584	34.925	26.217	0.527
150	13.416	34.916	26.244	0.545
160	13.320	34.921	26.268	0.563
170	13.230	34.915	26.282	0.581
180	13.115	34.908	26.299	0.599
190	12.950	34.897	26.324	0.616
200	12.787	34.873	26.338	0.634
250	11.941	34.811	26.454	0.717
300	11.259	34.769	26.549	0.797
350	10.674	34.760	26.647	0.873
400	9.880	34.702	26.773	0.945
450	8.790	34.663	26.888	1.010
500	8.141	34.642	26.972	1.070
550	7.740	34.631	27.023	1.127
600	7.311	34.615	27.072	1.183
650	6.684	34.588	27.138	1.236
700	6.267	34.578	27.185	1.286
750	5.849	34.573	27.234	1.334
800	5.493	34.571	27.277	1.379
800	4.881	34.569	27.347	1.465
1000	4.450	34.571	27.397	1.545
1001	4.442	34.571	27.398	1.546

CAST GP1-95-D1 -006 DATE 13 FEB 95 TIME 0600 GMT
 LAT 03 00.0N LONG 095 00.3W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 010 T SPD 08 KT VISIBILITY 9
 CLOUD 8 AMOUNT 4 DRY 28.6 WET 25.2 DEPTH 2781 M



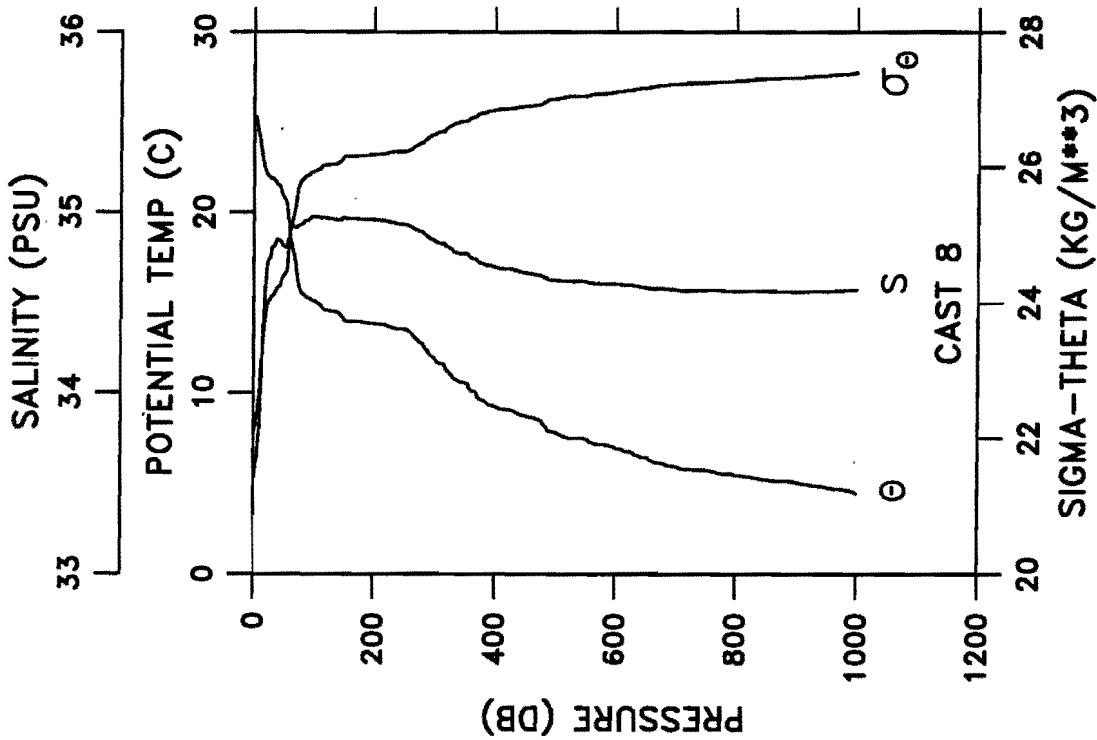
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.743	31.775	19.732	0.000
10	28.723	31.777	19.740	0.080
20	27.597	32.647	20.758	0.156
30	23.473	34.053	23.081	0.218
40	22.086	34.398	23.738	0.261
50	19.691	34.768	24.665	0.298
60	18.163	34.830	25.103	0.329
70	16.860	34.937	25.547	0.355
80	16.180	34.941	25.659	0.379
90	15.527	34.945	25.814	0.401
100	14.871	34.941	25.956	0.423
110	14.483	34.933	26.034	0.443
120	14.158	34.936	26.105	0.463
130	14.053	34.936	26.127	0.482
140	13.917	34.935	26.155	0.501
150	13.713	34.936	26.198	0.520
160	13.558	34.931	26.226	0.538
170	13.433	34.926	26.249	0.556
180	13.347	34.922	26.263	0.574
190	13.233	34.916	26.281	0.592
200	13.094	34.904	26.300	0.610
250	12.629	34.852	26.352	0.698
300	11.448	34.791	26.531	0.781
350	10.202	34.725	26.703	0.855
400	9.331	34.689	26.821	0.923
450	8.465	34.653	26.931	0.985
500	7.951	34.631	26.992	1.044
550	7.512	34.620	27.047	1.100
600	6.987	34.604	27.109	1.154
650	6.513	34.588	27.161	1.205
700	6.141	34.578	27.201	1.253
750	5.821	34.572	27.238	1.301
800	5.302	34.567	27.297	1.346
900	4.737	34.565	27.360	1.430
1000	4.378	34.571	27.405	1.509
1001	4.377	34.570	27.405	1.510

CAST GP1-95-DI -007 DATE 14 FEB 95 TIME 0433 GMT
 LAT 02 00.1N LONG 095 00.1W WEATHER 2 SEA STATE 2
 BAROMETER 11 WIND DIR 125 T SPD 10 KT VISIBILITY 7
 CLOUD 2 AMOUNT 7 DRY 26.8 WET 24.9 DEPTH 2978 M



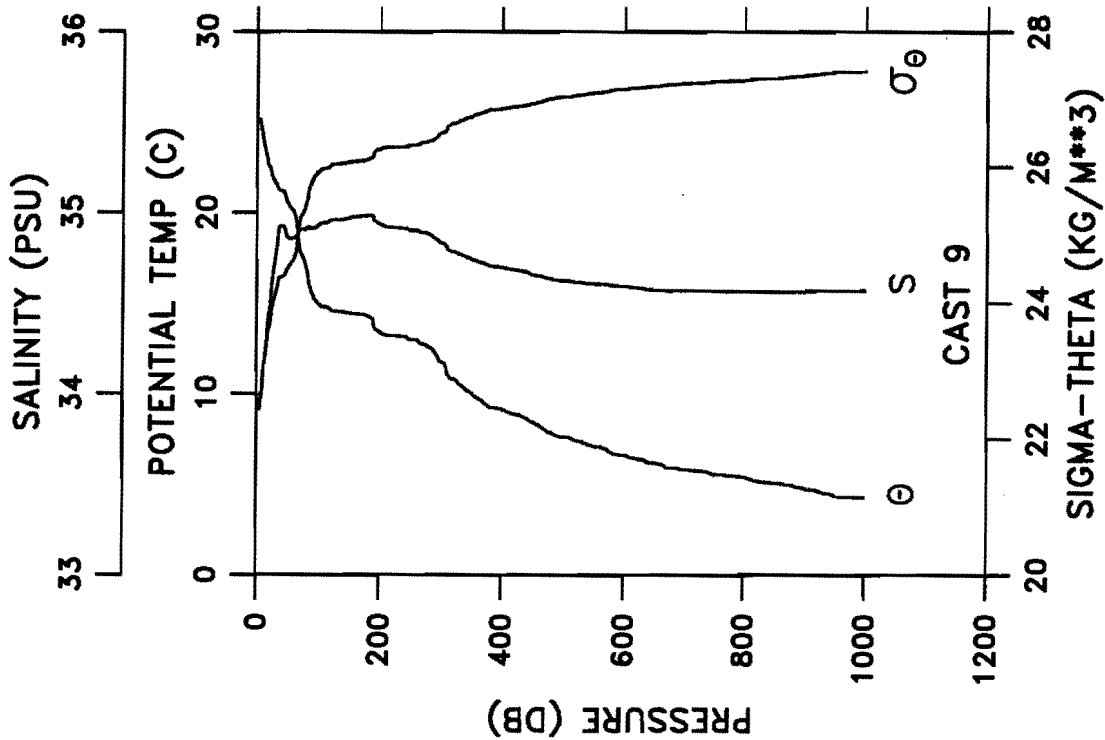
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.946	33.349	21.807	0.000
10	24.762	33.744	22.466	0.058
20	22.958	34.538	23.597	0.106
30	21.578	34.809	24.191	0.145
40	18.847	34.892	24.978	0.180
50	16.548	34.858	25.589	0.206
60	16.102	34.989	25.717	0.229
70	16.012	34.988	25.736	0.252
80	15.792	34.990	25.788	0.275
90	15.419	34.997	25.878	0.297
100	15.308	34.997	25.903	0.318
110	15.255	34.996	25.913	0.338
120	14.922	34.983	25.977	0.360
130	14.531	34.974	26.054	0.380
140	14.445	34.971	26.071	0.400
150	14.231	34.964	26.111	0.420
160	14.169	34.961	26.122	0.439
170	14.141	34.959	26.126	0.458
180	14.102	34.957	26.133	0.478
190	14.028	34.952	26.145	0.497
200	13.887	34.947	26.168	0.516
250	13.194	34.912	26.286	0.609
300	11.552	34.822	26.536	0.694
350	10.452	34.757	26.685	0.768
400	9.496	34.706	26.807	0.836
450	8.529	34.655	26.922	0.900
500	7.765	34.621	27.011	0.958
550	7.426	34.617	27.057	1.013
600	7.177	34.607	27.085	1.068
650	6.538	34.588	27.157	1.119
700	6.079	34.578	27.209	1.168
750	5.723	34.568	27.246	1.214
800	5.427	34.564	27.280	1.260
850	4.960	34.565	27.335	1.346
900	4.374	34.573	27.407	1.426
1000	2.975	34.613	27.579	1.775
1500	2.092	34.649	27.683	2.050
2005	2.085	34.648	27.684	2.052

CAST GP1-95-DI -008 DATE 14 FEB 95 TIME 0810 GMT
 LAT 01 30.3N LONG 095 00.2W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 110 T SPD 09 KT VISIBILITY 9
 CLOUD 1 AMOUNT 4 DRY 26.0 WET 24.8 DEPTH 2770 M



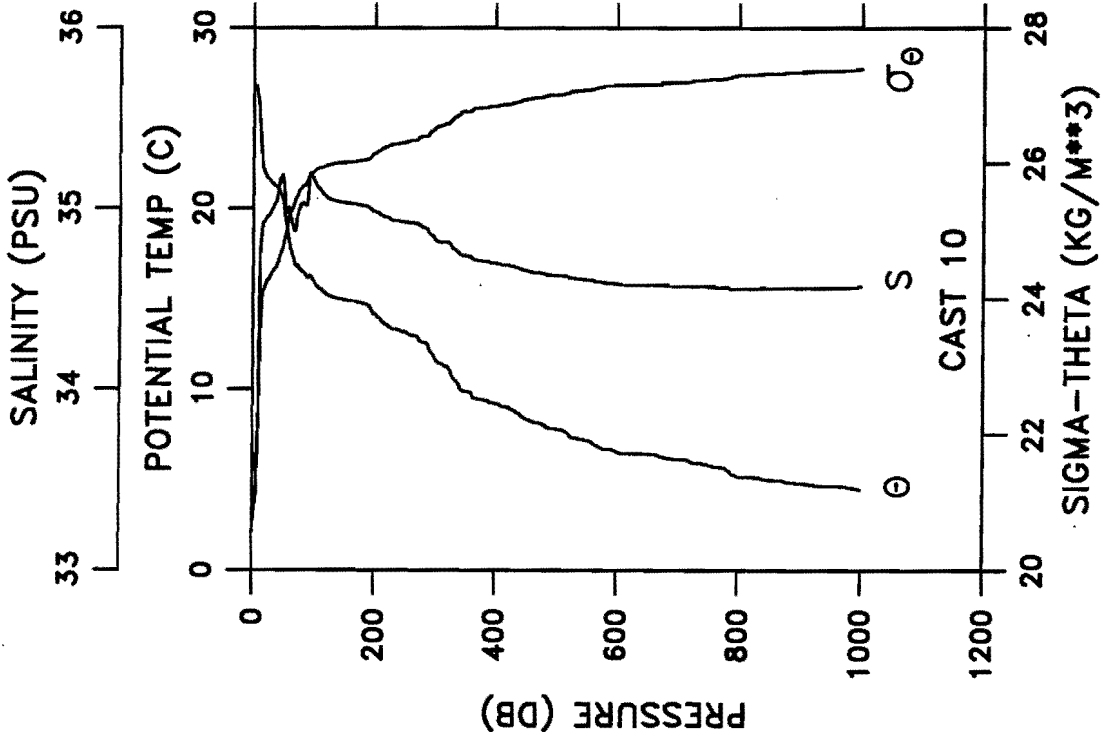
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.346	33.512	22.114	0.000
10	24.202	33.827	22.695	0.055
20	22.273	34.622	23.856	0.100
30	21.913	34.803	24.094	0.139
40	21.531	34.845	24.232	0.177
50	20.841	34.812	24.395	0.213
60	18.739	34.905	25.016	0.247
70	16.940	34.916	25.465	0.274
80	15.510	34.934	25.809	0.297
90	15.265	34.954	25.879	0.319
100	15.080	34.975	25.936	0.340
110	14.885	34.973	25.977	0.361
120	14.585	34.967	26.037	0.381
130	14.548	34.963	26.042	0.401
140	14.441	34.957	26.061	0.421
150	14.026	34.970	26.159	0.440
160	13.955	34.964	26.169	0.459
170	13.948	34.962	26.170	0.478
180	13.930	34.961	26.173	0.497
190	13.873	34.961	26.184	0.516
200	13.836	34.958	26.189	0.534
250	13.519	34.933	26.236	0.627
300	11.867	34.843	26.489	0.715
350	10.573	34.773	26.676	0.790
400	9.248	34.699	26.843	0.858
450	8.751	34.667	26.897	0.921
500	7.827	34.625	27.006	0.980
550	7.475	34.618	27.051	1.035
600	6.950	34.605	27.115	1.089
650	6.456	34.585	27.166	1.139
700	5.933	34.573	27.224	1.187
750	5.748	34.571	27.246	1.233
800	5.460	34.565	27.276	1.279
900	5.059	34.561	27.320	1.366
1000	4.398	34.573	27.404	1.448
1002	4.385	34.571	27.404	1.448

CAST GP1-95-DI -009 DATE 15 FEB 95 TIME 0313 GMT
 LAT 00 59.9N LONG 095 00.0W WEATHER 2 SEA STATE 3
 BAROMETER 10 WIND DIR 125 T SPD 08 KT VISIBILITY 7
 CLOUD 2 AMOUNT 1 DRY 26.6 WET 25.0 DEPTH 3525 M



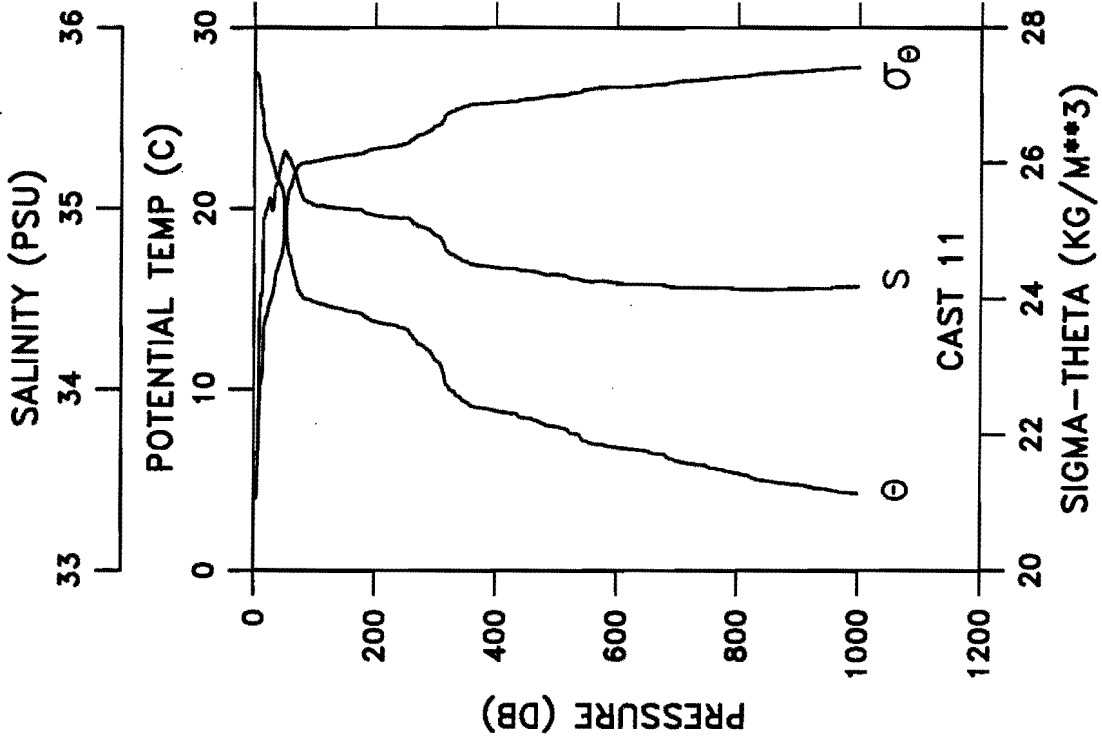
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.112	33.911	22.487	0.000
10	24.098	34.066	22.907	0.053
20	22.550	34.451	23.647	0.098
30	21.676	34.742	24.113	0.138
40	21.207	34.927	24.384	0.175
50	20.558	34.863	24.511	0.210
60	20.027	34.860	24.649	0.244
70	17.905	34.903	25.222	0.274
80	17.021	34.910	25.441	0.301
90	15.499	34.914	25.796	0.325
100	14.949	34.931	25.931	0.346
110	14.772	34.945	25.980	0.367
120	14.616	34.957	26.023	0.387
130	14.530	34.960	26.044	0.407
140	14.501	34.962	26.052	0.427
150	14.440	34.969	26.071	0.447
160	14.404	34.977	26.084	0.467
170	14.373	34.980	26.093	0.486
180	14.285	34.984	26.115	0.506
190	13.822	34.958	26.192	0.525
200	13.425	34.939	26.260	0.543
250	12.981	34.903	26.322	0.633
300	11.756	34.834	26.507	0.718
350	10.056	34.743	26.742	0.791
400	9.134	34.687	26.860	0.856
450	8.438	34.657	26.938	0.918
500	7.589	34.623	27.037	0.975
550	7.080	34.607	27.099	1.029
600	6.602	34.594	27.154	1.080
650	6.167	34.574	27.195	1.129
700	5.809	34.571	27.238	1.176
750	5.539	34.568	27.269	1.222
800	5.405	34.566	27.284	1.266
800	4.788	34.564	27.354	1.351
1000	4.256	34.571	27.418	1.429
1002	4.252	34.572	27.419	1.430

CAST GP1-95-D1 -010 DATE 15 FEB 95 TIME 0900 GMT
 LAT 00 00.1N LONG 094 54.7W WEATHER 0 SEA STATE 2
 BAROMETER 09 WIND DIR 130 T SPD 10 KT VISIBILITY 9
 CLOUD X AMOUNT 0 DRY 26.8 WET 24.5 DEPTH 3390 M



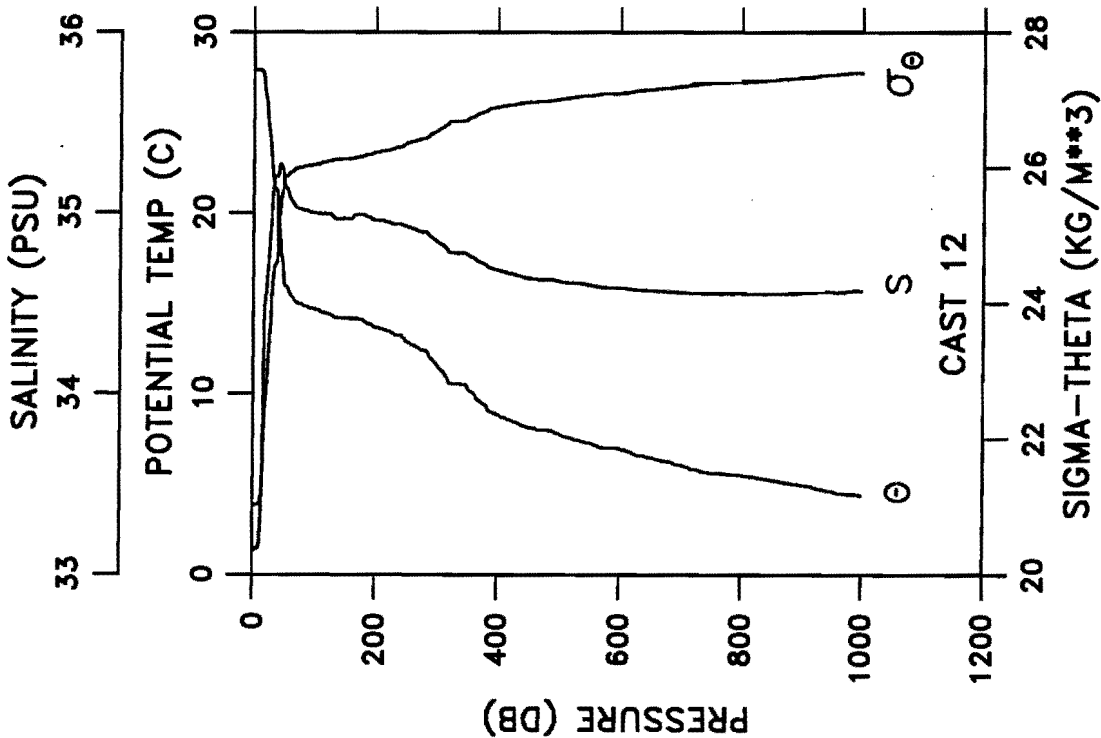
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.804	33.274	21.482	0.000
10	25.166	34.243	22.721	0.060
20	21.901	34.937	24.199	0.101
30	21.442	34.986	24.384	0.137
40	21.110	35.081	24.527	0.172
50	20.205	35.136	24.812	0.205
60	18.005	34.978	25.255	0.235
70	16.802	34.888	25.476	0.261
80	16.511	35.022	25.647	0.285
90	16.149	35.054	25.756	0.308
100	15.956	35.159	25.881	0.330
110	15.548	35.104	25.931	0.351
120	15.268	35.064	25.963	0.372
130	15.084	35.046	25.990	0.393
140	15.005	35.038	26.001	0.413
150	14.929	35.032	26.013	0.434
160	14.884	35.028	26.020	0.454
170	14.816	35.023	26.031	0.474
180	14.732	35.016	26.044	0.494
190	14.583	35.007	26.069	0.514
200	14.149	34.984	26.144	0.534
250	13.151	34.924	26.304	0.625
300	11.666	34.830	26.521	0.711
350	9.894	34.738	26.766	0.784
400	9.223	34.698	26.846	0.849
450	8.377	34.657	26.948	0.911
500	7.813	34.631	27.012	0.969
550	7.171	34.606	27.085	1.024
600	6.533	34.583	27.154	1.075
650	6.416	34.577	27.165	1.124
700	6.115	34.570	27.199	1.173
750	5.807	34.567	27.235	1.221
800	5.141	34.557	27.307	1.266
900	4.795	34.558	27.349	1.350
1000	4.436	34.570	27.397	1.431
1500	2.773	34.616	27.599	1.770
2000	2.076	34.649	27.685	2.041
2500	1.682	34.668	27.731	2.287
3000	1.522	34.680	27.752	2.516
3204	1.525	34.680	27.752	2.611

CAST GP1-85-DI -011 DATE 16 FEB 95 TIME 0116 GMT
 LAT 01 00.1S LONG 095 00.9W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 080 T SPD 09 KT VISIBILITY 7
 CLOUD 6 AMOUNT 2 DRY 27.5 WET 25.0 DEPTH 3370 M



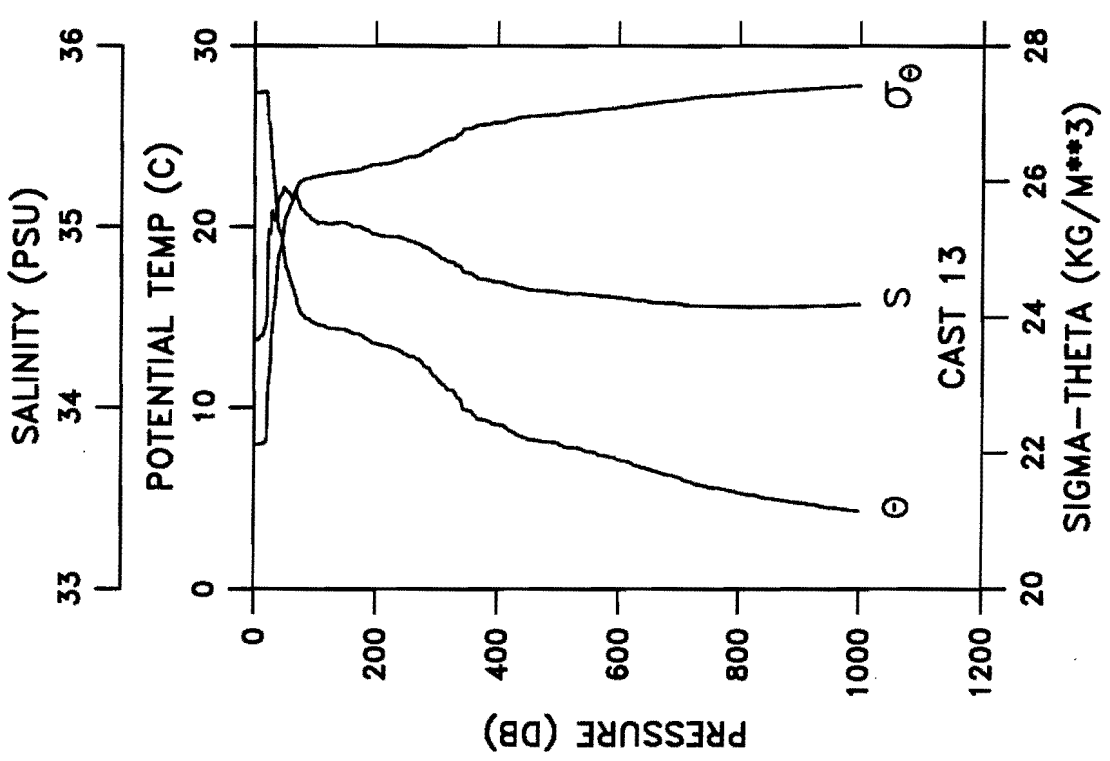
PRES (DB)	POT TEMP (C)	SAL (PSU)	SG-TH	DELTA-D (DTN-M)
0	27.527	33.398	21.346	0.000
10	26.224	34.485	22.577	0.062
20	23.653	34.993	23.740	0.108
30	22.562	34.988	24.052	0.148
40	21.548	35.178	24.490	0.184
50	20.203	35.316	24.950	0.217
60	17.307	35.264	25.644	0.243
70	15.817	35.168	25.919	0.265
80	15.096	35.059	25.997	0.286
90	14.850	35.033	26.009	0.306
100	14.825	35.019	26.026	0.326
110	14.744	35.017	26.042	0.346
120	14.620	35.007	26.061	0.366
130	14.519	35.004	26.081	0.386
140	14.465	35.000	26.089	0.405
150	14.369	34.998	26.108	0.425
160	14.305	34.996	26.120	0.444
170	14.246	34.995	26.132	0.463
180	14.078	34.981	26.157	0.482
190	13.878	34.970	26.190	0.501
200	13.757	34.962	26.209	0.520
250	13.358	34.950	26.282	0.612
300	11.624	34.853	26.546	0.696
350	9.306	34.706	26.838	0.765
400	8.813	34.674	26.893	0.828
450	8.425	34.657	26.940	0.898
500	7.943	34.634	26.995	0.947
550	7.147	34.600	27.084	1.003
600	6.789	34.589	27.124	1.055
650	6.605	34.581	27.143	1.106
700	6.053	34.563	27.201	1.156
750	5.745	34.564	27.240	1.203
800	5.379	34.556	27.278	1.248
900	4.750	34.554	27.351	1.333
1000	4.240	34.568	27.418	1.411
1001	4.237	34.569	27.418	1.412

CST GP1-95-DI -012 DATE 16 FEB 95 TIME 0730 GMT
 LAT 02 00.35 LONG 095 01.0W WEATHER 6 SEA STATE 3
 BAROMETER 10 WIND DIR 135 T SPD 17 KT VISIBILITY 7
 CLOUD 9 AMOUNT 8 DRY 25.0 WET 23.4 DEPTH 3348 M

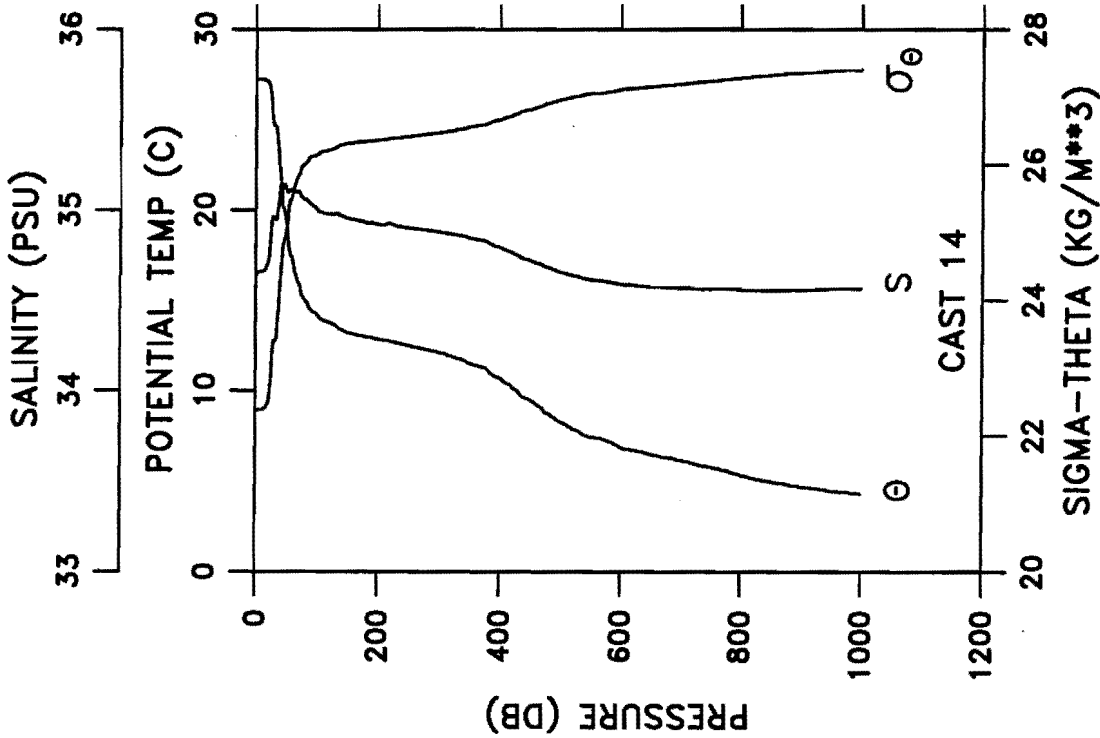


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.913	33.135	21.023	0.000
10	27.912	33.160	21.043	0.067
20	26.457	34.544	22.548	0.130
30	23.197	34.938	23.831	0.177
40	20.967	35.208	24.663	0.212
50	18.360	35.176	25.801	0.238
60	15.499	35.086	25.928	0.259
70	15.030	35.031	25.990	0.280
80	14.933	35.020	26.003	0.300
90	14.784	35.011	26.028	0.320
100	14.683	35.002	26.042	0.340
110	14.556	34.986	26.067	0.360
120	14.431	34.995	26.093	0.379
130	14.283	34.984	26.114	0.398
140	14.177	34.964	26.123	0.418
150	14.164	34.970	26.130	0.437
160	14.138	34.967	26.133	0.456
170	14.131	34.992	26.154	0.475
180	14.030	34.980	26.174	0.494
190	13.852	34.976	26.201	0.513
200	13.663	34.959	26.227	0.531
250	12.865	34.926	26.363	0.621
300	11.578	34.842	26.546	0.704
350	10.348	34.789	26.712	0.777
400	8.846	34.685	26.896	0.842
450	8.135	34.638	26.970	0.902
500	7.778	34.623	27.011	0.959
550	7.262	34.601	27.068	1.014
600	6.937	34.585	27.101	1.067
650	6.451	34.569	27.154	1.118
700	6.040	34.580	27.200	1.167
750	5.594	34.555	27.252	1.214
800	5.477	34.555	27.266	1.259
900	4.938	34.558	27.332	1.347
1000	4.372	34.567	27.402	1.427
1500	2.860	34.613	27.589	1.770
2000	2.103	34.649	27.682	2.042
2500	1.668	34.671	27.734	2.284
3000	1.532	34.680	27.751	2.514
3102	1.528	34.680	27.752	2.581

CAST GP1-95-DI -013 DATE 16 FEB 95 TIME 1337 GMT
 LAT 03 00.6S LONG 085 00.6W WEATHER 6 SEA STATE 5
 BAROMETER 11 WIND DIR 135 T SPD 15 KT VISIBILITY 6
 CLOUD 6 AMOUNT 8 DRY 23.5 WET 22.0 DEPTH 3556 M

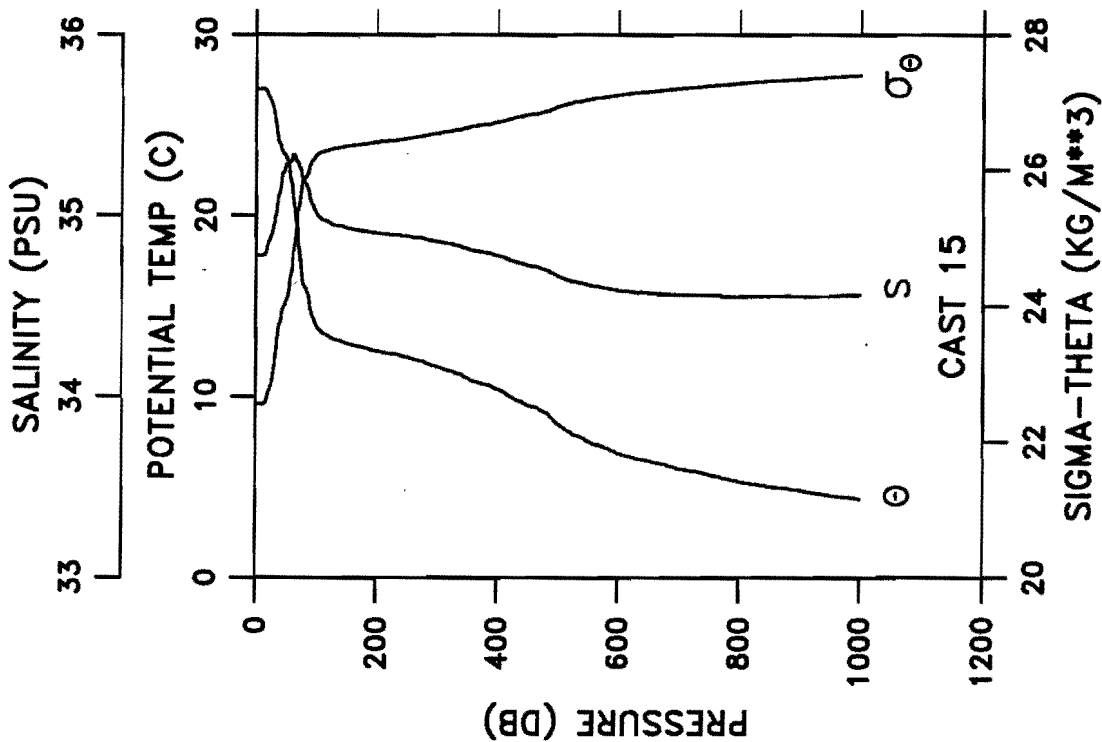


CAST GP1-95-D1 -014 DATE 16 FEB 95 TIME 1841 GMT
 LAT 04 00.55 LONG 095 00.3W WEATHER 2 SEA STATE 5
 BAROMETER 12 WIND DIR 145 T SPD 13 KT VISIBILITY 7
 CLOUD 8 AMOUNT 7 DRY 27.2 WET 24.3 DEPTH 3662 M



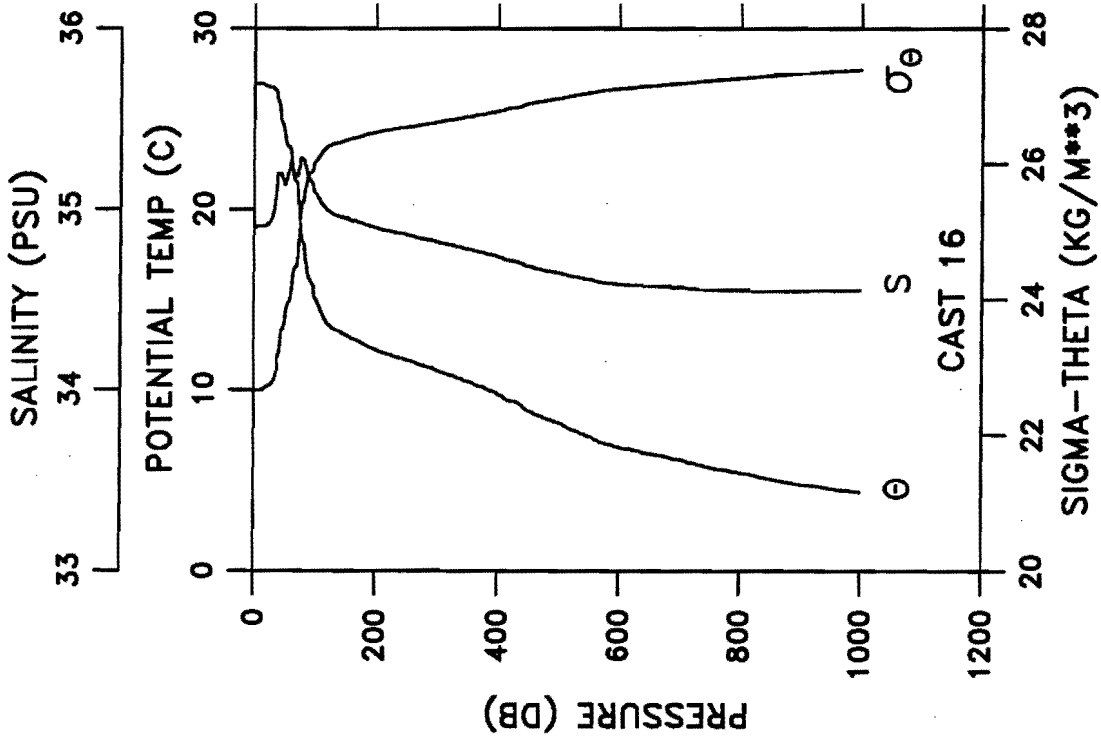
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.236	34.638	22.372	0.000
10	27.238	34.659	22.387	0.054
20	27.037	34.713	22.492	0.109
30	24.688	34.953	23.402	0.158
40	21.951	35.137	24.337	0.199
50	19.179	35.113	25.063	0.231
60	17.075	35.103	25.577	0.257
70	15.838	35.102	25.884	0.279
80	14.985	35.058	26.021	0.300
90	14.426	35.032	26.122	0.320
100	14.171	35.002	26.153	0.339
110	13.863	34.982	26.203	0.357
120	13.789	34.978	26.219	0.375
130	13.601	34.982	26.257	0.394
140	13.361	34.968	26.296	0.411
150	13.202	34.955	26.318	0.428
160	13.129	34.948	26.328	0.446
170	13.045	34.941	26.339	0.463
180	12.968	34.931	26.347	0.481
190	12.921	34.930	26.355	0.498
200	12.837	34.921	26.365	0.515
250	12.499	34.902	26.417	0.599
300	12.116	34.879	26.474	0.682
350	11.516	34.847	26.562	0.761
400	10.690	34.783	26.670	0.837
450	9.504	34.722	26.819	0.906
500	8.260	34.655	26.964	0.969
550	7.424	34.613	27.054	1.025
600	6.858	34.589	27.115	1.079
650	6.471	34.575	27.156	1.130
700	6.144	34.568	27.193	1.179
750	5.760	34.562	27.237	1.227
800	5.321	34.557	27.287	1.272
900	4.685	34.557	27.360	1.356
1000	4.305	34.564	27.407	1.435
1006	4.288	34.584	27.409	1.440

CAST GP1-95-D1 -015 DATE 17 FEB 95 TIME 0524 GMT
 LAT 05 00.2S LONG 095 00.9W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 120 T SPD 15 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 26.8 WET 23.5 DEPTH 3941 M



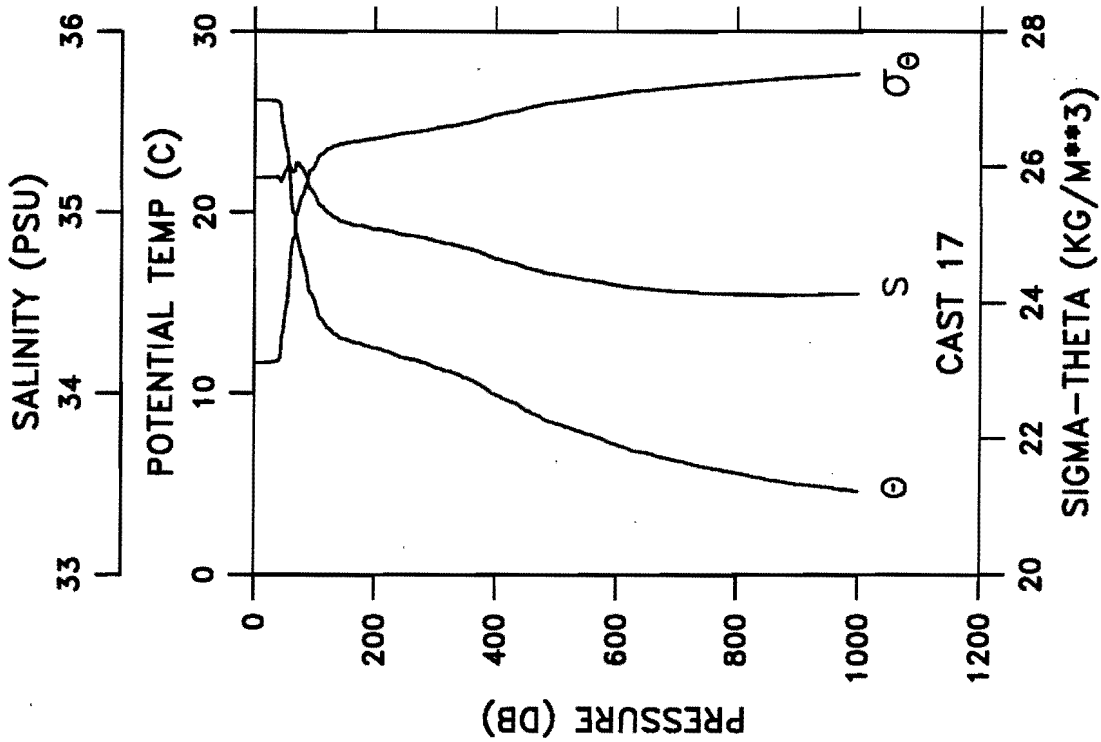
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.893	34.781	22.557	0.000
10	26.993	34.778	22.555	0.053
20	26.638	34.844	22.717	0.105
30	25.741	34.944	23.073	0.155
40	23.960	35.130	23.754	0.200
50	23.255	35.285	24.077	0.239
60	21.757	35.308	24.520	0.276
70	18.508	35.290	25.368	0.306
80	16.088	35.182	25.869	0.330
90	14.852	35.094	26.078	0.350
100	13.930	35.012	26.212	0.369
110	13.536	34.977	26.266	0.387
120	13.342	34.963	26.286	0.405
130	13.157	34.943	26.318	0.422
140	13.085	34.942	26.331	0.439
150	12.942	34.930	26.351	0.457
160	12.858	34.924	26.363	0.474
170	12.775	34.916	26.374	0.491
180	12.703	34.911	26.384	0.507
190	12.614	34.906	26.397	0.524
200	12.526	34.901	26.411	0.541
250	12.196	34.885	26.463	0.623
300	11.663	34.858	26.541	0.703
350	11.040	34.816	26.626	0.779
400	10.411	34.778	26.708	0.852
450	9.521	34.725	26.818	0.921
500	8.504	34.666	26.935	0.985
550	7.532	34.618	27.043	1.042
600	6.855	34.587	27.114	1.096
650	6.457	34.574	27.157	1.147
700	6.012	34.563	27.206	1.196
750	5.694	34.562	27.245	1.243
800	5.302	34.552	27.284	1.288
850	4.835	34.557	27.343	1.373
900	4.339	34.563	27.403	1.453
1000	2.829	34.613	27.582	1.790
2000	2.086	34.650	27.684	2.084
2500	1.694	34.671	27.732	2.306
3000	1.532	34.681	27.752	2.537
3500	1.510	34.682	27.754	2.773
3703	1.508	34.681	27.754	2.872

CAST GP1-95-DI -016 DATE 17 FEB 95 TIME 2323 GMT
 LAT 05 59.9S LONG 094 59.9W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 120 T SPD 15 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 27.3 WET 23.5 DEPTH 3848 M



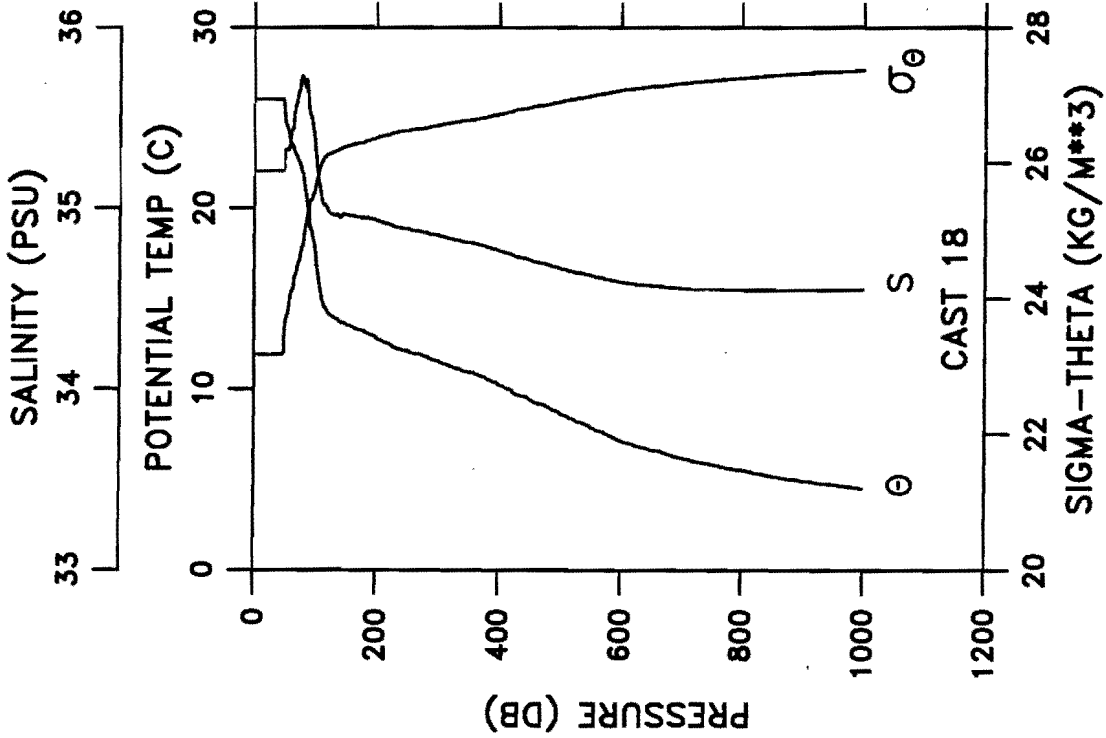
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.961	34.899	22.656	0.000
10	26.966	34.908	22.661	0.052
20	26.827	34.910	22.707	0.104
30	26.741	34.958	22.770	0.155
40	25.981	35.197	23.190	0.204
50	24.308	35.136	23.654	0.248
60	23.254	35.264	24.062	0.289
70	21.517	35.186	24.495	0.324
80	18.180	35.275	25.439	0.354
90	16.132	35.168	25.847	0.377
100	15.030	35.091	26.036	0.398
110	14.279	35.036	26.156	0.418
120	13.664	34.995	26.254	0.436
130	13.369	34.972	26.287	0.454
140	13.215	34.960	26.319	0.471
150	13.020	34.948	26.349	0.488
160	12.821	34.936	26.379	0.505
170	12.707	34.931	26.399	0.522
180	12.525	34.919	26.425	0.539
190	12.333	34.907	26.453	0.555
200	12.208	34.897	26.470	0.571
250	11.845	34.859	26.547	0.650
300	11.056	34.819	26.625	0.725
350	10.454	34.780	26.702	0.798
400	9.754	34.737	26.789	0.867
450	8.838	34.684	26.897	0.932
500	8.181	34.648	26.970	0.992
550	7.417	34.611	27.054	1.048
600	6.800	34.584	27.119	1.101
650	6.467	34.575	27.157	1.152
700	6.131	34.567	27.194	1.201
750	5.707	34.554	27.237	1.249
800	5.403	34.551	27.272	1.294
900	4.769	34.548	27.343	1.380
1000	4.353	34.552	27.392	1.461
1001	4.354	34.552	27.392	1.462

CAST GP1-95-D1 -017 DATE 18 FEB 95 TIME 0421 GMT
 LAT 06 59.9S LONG 095 00.0W WEATHER 1 SEA STATE 2
 BAROMETER 12 WIND DIR 090 T SPD 13 KT VISIBILITY 8
 CLOUD 8 AMOUNT 4 DRY 26.2 WET 22.9 DEPTH 4002 M



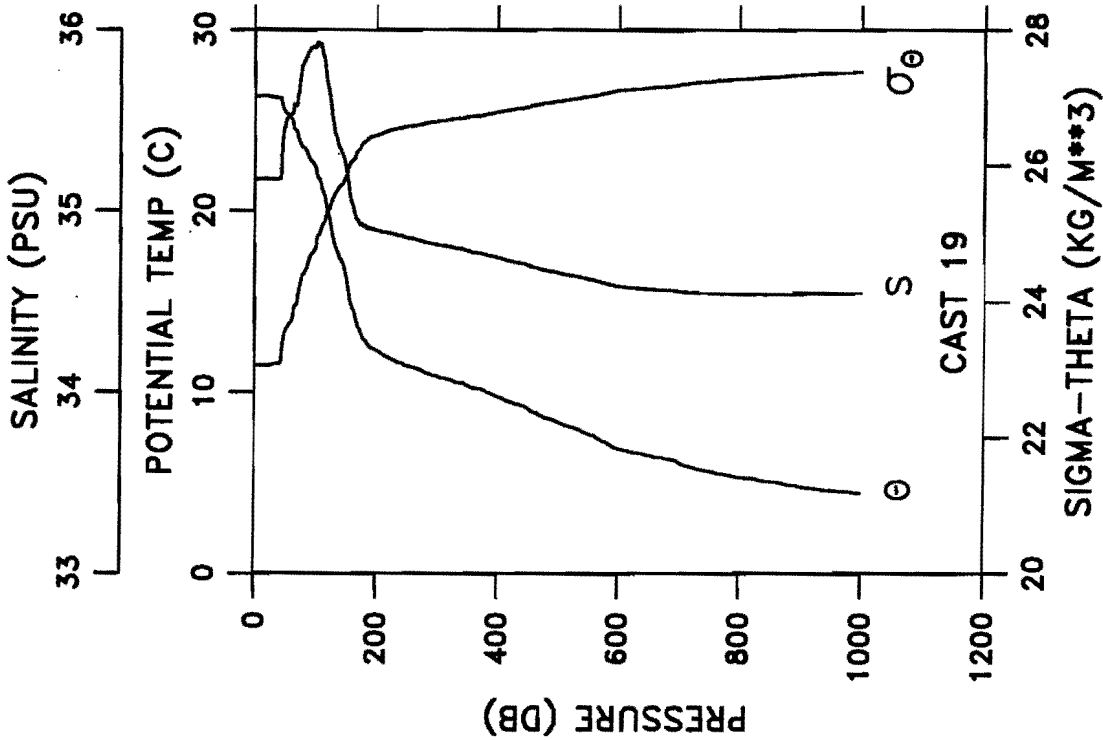
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.197	35.191	23.118	0.000
10	26.197	35.191	23.118	0.047
20	26.194	35.192	23.120	0.095
30	26.174	35.194	23.127	0.142
40	26.102	35.194	23.150	0.190
50	24.209	35.219	23.747	0.235
60	21.340	35.246	24.589	0.273
70	18.797	35.275	25.284	0.303
80	17.516	35.240	25.575	0.328
90	15.826	35.148	25.902	0.352
100	15.145	35.097	26.016	0.373
110	14.179	35.034	26.176	0.392
120	13.734	35.002	26.245	0.410
130	13.366	34.977	26.302	0.428
140	13.159	34.959	26.329	0.445
150	13.014	34.945	26.348	0.462
160	12.878	34.933	26.366	0.479
170	12.780	34.925	26.379	0.496
180	12.689	34.925	26.397	0.513
190	12.594	34.916	26.409	0.530
200	12.494	34.905	26.420	0.546
250	11.958	34.874	26.500	0.627
300	11.432	34.841	26.573	0.706
350	10.854	34.803	26.649	0.781
400	9.904	34.740	26.766	0.852
450	8.066	34.695	26.869	0.918
500	8.345	34.656	26.952	0.979
550	7.777	34.628	27.015	1.037
600	7.175	34.598	27.078	1.093
650	6.707	34.579	27.127	1.145
700	6.277	34.564	27.173	1.196
750	5.903	34.556	27.214	1.244
800	5.593	34.548	27.246	1.291
900	4.977	34.545	27.317	1.380
1000	4.587	34.551	27.366	1.463
1003	4.572	34.551	27.368	1.466

CAST GP1-95-DJ -018 DATE 18 FEB 95 TIME 0946 GMT
 LAT 07 55.4S LONG 095 01.5W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 100 T SPD 13 KT VISIBILITY 7
 CLOUD 8 AMOUNT 6 DRY 25.4 WET 22.2 DEPTH 3989 M



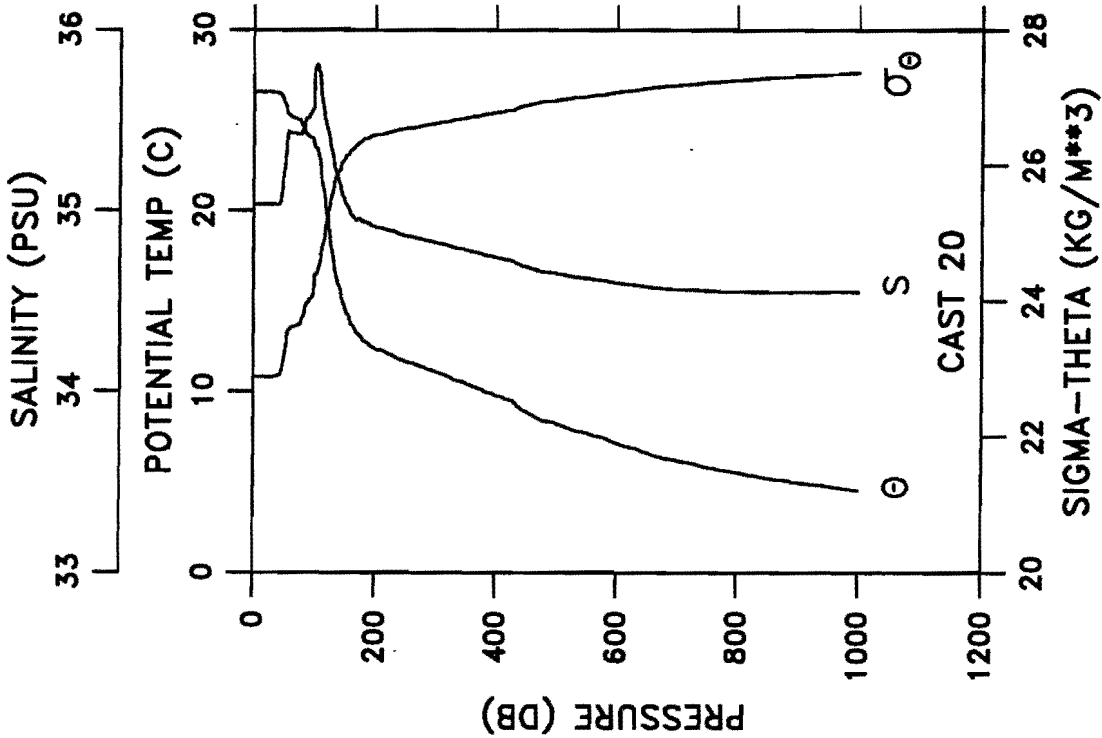
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.052	35.208	23.176	0.000
10	26.049	35.207	23.176	0.047
20	26.051	35.206	23.175	0.094
30	26.046	35.207	23.177	0.141
40	26.045	35.207	23.178	0.188
50	25.009	35.310	23.575	0.235
60	23.577	35.430	24.094	0.275
70	22.851	35.601	24.434	0.312
80	21.927	35.718	24.786	0.346
90	19.236	35.536	25.371	0.375
100	17.549	35.332	25.638	0.400
110	15.065	35.061	26.006	0.421
120	14.255	34.997	26.132	0.441
130	13.984	34.963	26.167	0.460
140	13.720	34.952	26.209	0.479
150	13.565	34.964	26.251	0.497
160	13.426	34.958	26.274	0.515
170	13.274	34.950	26.300	0.532
180	13.222	34.943	26.310	0.550
190	13.011	34.933	26.347	0.567
200	12.822	34.933	26.377	0.585
250	12.108	34.887	26.481	0.667
300	11.559	34.851	26.557	0.746
350	10.939	34.810	26.639	0.821
400	10.225	34.765	26.730	0.893
450	9.434	34.715	26.825	0.961
500	8.664	34.668	26.911	1.025
550	7.869	34.627	27.001	1.084
600	7.104	34.590	27.082	1.140
650	6.605	34.571	27.135	1.192
700	6.166	34.557	27.181	1.243
750	5.817	34.552	27.222	1.291
800	5.519	34.547	27.255	1.337
900	4.901	34.546	27.327	1.425
1000	4.507	34.549	27.373	1.507
1500	2.934	34.600	27.572	1.857
2000	2.137	34.645	27.676	2.138
2500	1.711	34.670	27.730	2.384
3000	1.551	34.681	27.751	2.617
3500	1.507	34.687	27.759	2.853
3807	1.501	34.687	27.759	3.002

CAST GP1-95-D1 -019 DATE 21 FEB 95 TIME 0708 GMT
 LAT 08 00.55 LONG 109 53.6W WEATHER 1 SEA STATE 4
 BAROMETER 14 WIND DIR 100 T SPD 12 KT VISIBILITY 9
 CLOUD 8 AMOUNT 2 DRY DIR 25.6 WET 22.0 DEPTH 3385 M



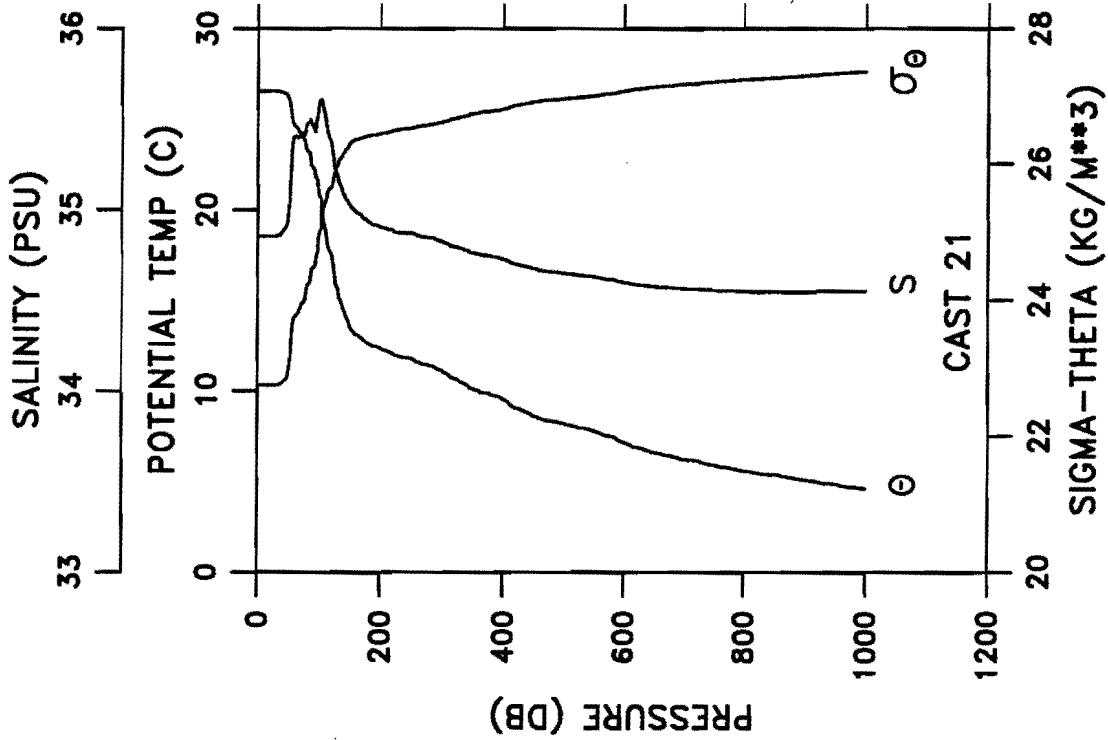
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.346	35.177	23.060	0.000
10	26.356	35.176	23.057	0.048
20	26.351	35.177	23.059	0.096
30	26.295	35.175	23.075	0.144
40	26.259	35.176	23.087	0.192
50	25.480	35.471	23.552	0.238
60	25.135	35.536	23.707	0.281
70	24.332	35.601	23.999	0.321
80	23.522	35.812	24.399	0.358
90	22.900	35.886	24.636	0.393
100	22.429	35.901	24.783	0.425
110	21.312	35.886	25.092	0.455
120	19.873	35.693	25.325	0.483
130	18.305	35.460	25.550	0.509
140	17.356	35.347	25.696	0.533
150	16.362	35.236	25.846	0.556
160	14.650	35.034	26.075	0.577
170	13.558	34.942	26.235	0.596
180	12.860	34.914	26.355	0.613
190	12.445	34.899	26.426	0.630
200	12.285	34.891	26.448	0.647
250	11.447	34.852	26.579	0.725
300	10.898	34.815	26.652	0.789
350	10.368	34.781	26.718	0.870
400	9.766	34.743	26.791	0.939
450	9.120	34.702	26.866	1.004
500	8.382	34.660	26.950	1.065
550	7.723	34.625	27.020	1.123
600	6.878	34.585	27.110	1.178
650	6.505	34.570	27.147	1.229
700	6.110	34.558	27.190	1.279
750	5.644	34.548	27.240	1.326
800	5.298	34.543	27.278	1.371
800	4.775	34.543	27.339	1.457
1000	4.398	34.549	27.385	1.538
1500	2.941	34.604	27.583	1.884
2000	2.083	34.646	27.681	2.159
2500	1.706	34.671	27.731	2.402
3000	1.537	34.682	27.752	2.634
3205	1.430	34.686	27.763	2.728

CAST GP1-95-DI -020 DATE 22 FEB 95 TIME 0746 GMT
 LAT 05 59.9S LONG 109 59.7W WEATHER 0 SEA STATE 3
 BAROMETER 12 WIND DIR 120 T SPD 14 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 25.8 WET 22.0 DEPTH 3780 M



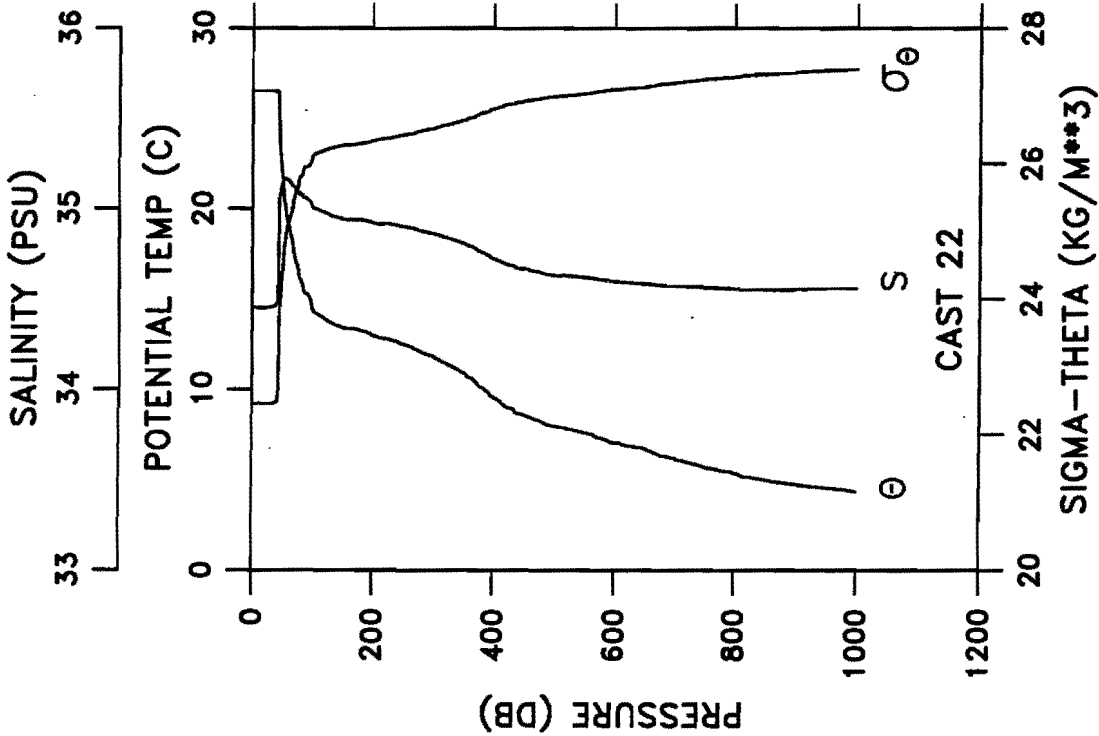
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.585	35.036	22.879	0.000
10	26.589	35.035	22.877	0.050
20	26.589	35.036	22.877	0.100
30	26.582	35.035	22.879	0.149
40	26.531	35.034	22.895	0.198
50	26.067	35.197	23.163	0.248
60	25.276	35.434	23.587	0.293
70	25.112	35.428	23.632	0.336
80	24.734	35.448	23.762	0.378
90	24.163	35.516	23.985	0.419
100	23.565	35.783	24.384	0.457
110	22.441	35.679	24.611	0.492
120	19.706	35.459	25.190	0.523
130	17.526	35.307	25.624	0.549
140	15.802	35.158	25.916	0.571
150	14.522	35.042	26.109	0.582
160	13.697	34.975	26.232	0.611
170	13.220	34.948	26.309	0.628
180	12.793	34.937	26.386	0.646
190	12.568	34.925	26.421	0.662
200	12.343	34.910	26.453	0.678
250	11.632	34.861	26.551	0.758
300	11.079	34.824	26.624	0.833
350	10.438	34.783	26.707	0.906
400	9.788	34.741	26.790	0.974
450	8.909	34.690	26.891	1.039
500	8.227	34.653	26.967	1.100
550	7.722	34.627	27.022	1.157
600	7.134	34.601	27.086	1.212
650	6.609	34.580	27.142	1.264
700	6.165	34.566	27.188	1.314
750	5.799	34.557	27.228	1.361
800	5.510	34.552	27.260	1.408
850	4.958	34.548	27.322	1.495
900	4.514	34.549	27.372	1.578
1000	4.511	34.548	27.373	1.578

CAST GP1-95-D1 -021 DATE 22 FEB 95 TIME 1224 GMT
 LAT 05 03.0S LONG 109 59.3W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 140 T SPD 10 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 25.0 WET 22.0 DEPTH 3499 M



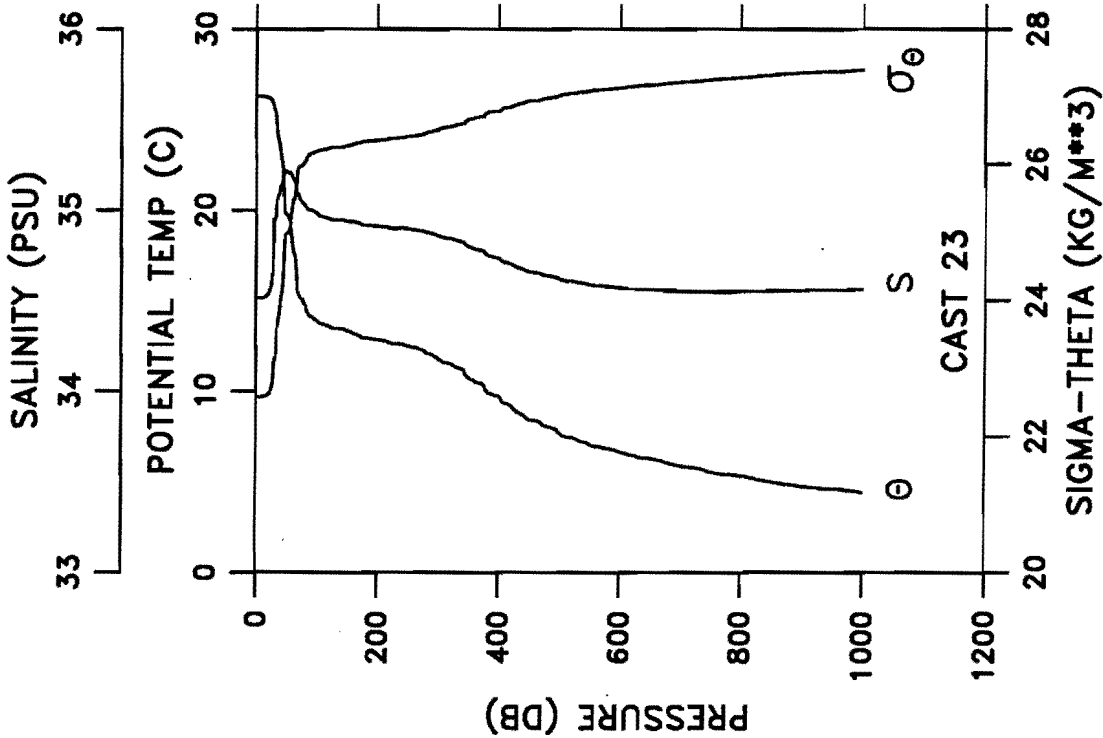
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.556	34.853	22.750	0.000
10	26.548	34.854	22.754	0.051
20	26.557	34.854	22.751	0.102
30	26.557	34.856	22.752	0.153
40	26.491	34.876	22.788	0.204
50	26.240	34.975	22.941	0.254
60	24.647	35.403	23.755	0.289
70	24.162	35.411	23.906	0.340
80	23.303	35.469	24.203	0.380
90	22.311	35.466	24.486	0.416
100	20.852	35.588	24.983	0.449
110	18.894	35.514	25.442	0.477
120	17.576	35.368	25.659	0.501
130	15.659	35.185	25.989	0.523
140	14.433	35.084	26.161	0.543
150	13.559	35.028	26.301	0.561
160	13.089	34.988	26.365	0.578
170	12.896	34.965	26.387	0.595
180	12.619	34.934	26.418	0.612
190	12.457	34.916	26.436	0.628
200	12.353	34.907	26.450	0.644
250	11.789	34.871	26.530	0.724
300	11.110	34.826	26.621	0.800
350	10.118	34.763	26.747	0.871
400	9.526	34.726	26.818	0.938
450	8.610	34.675	26.926	1.001
500	8.209	34.651	26.968	1.060
550	7.805	34.630	27.013	1.118
600	7.130	34.599	27.085	1.173
650	6.581	34.575	27.142	1.225
700	6.188	34.564	27.184	1.275
750	5.894	34.556	27.216	1.324
800	5.550	34.549	27.252	1.370
900	5.067	34.543	27.306	1.460
1000	4.593	34.552	27.366	1.543
1003	4.578	34.552	27.368	1.546

CAST GP1-95-D1 -022 DATE 23 FEB 95 TIME 0805 GMT
 LAT 03 00.0S LONG 110 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 140 T SPD 12 KT VISIBILITY 8
 CLOUD 8 AMOUNT 6 DRY 26.7 WET 22.8 DEPTH 3776 M



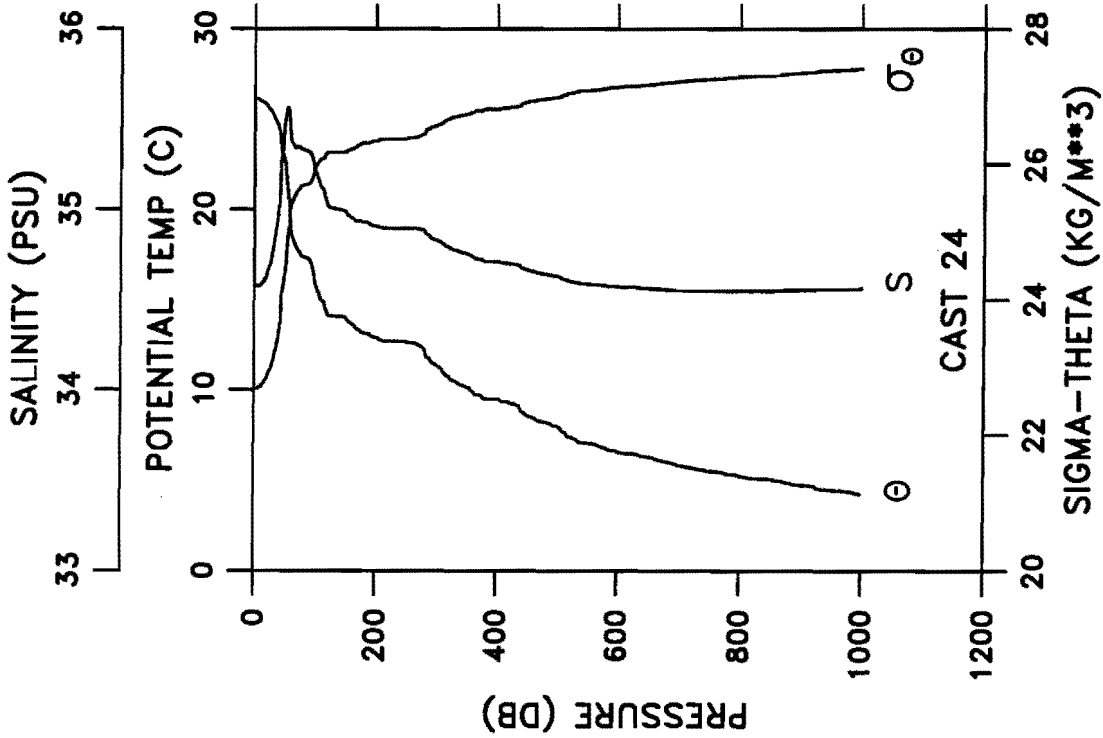
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.536	34.452	22.454	0.000
10	26.527	34.449	22.455	0.054
20	26.528	34.450	22.455	0.108
30	26.529	34.452	22.457	0.161
40	26.479	34.473	22.488	0.215
50	21.705	35.141	24.409	0.259
60	19.064	35.156	25.126	0.290
70	17.421	35.119	25.505	0.317
80	16.035	35.083	25.804	0.340
90	15.275	35.056	25.955	0.362
100	14.382	35.007	26.112	0.382
110	14.085	34.991	26.163	0.401
120	13.854	34.977	26.200	0.419
130	13.662	34.962	26.229	0.438
140	13.532	34.953	26.249	0.456
150	13.385	34.942	26.270	0.474
160	13.362	34.940	26.273	0.491
170	13.325	34.940	26.281	0.509
180	13.230	34.937	26.298	0.527
190	13.146	34.933	26.312	0.545
200	12.969	34.922	26.340	0.562
250	12.478	34.901	26.420	0.647
300	11.827	34.863	26.516	0.728
350	10.944	34.810	26.638	0.805
400	9.574	34.725	26.809	0.875
450	8.579	34.688	26.925	0.938
500	7.952	34.630	26.991	0.997
550	7.599	34.620	27.035	1.054
600	7.023	34.596	27.098	1.108
650	6.720	34.585	27.130	1.160
700	6.176	34.573	27.193	1.210
750	5.707	34.563	27.245	1.257
800	5.363	34.555	27.280	1.302
900	4.759	34.555	27.350	1.387
1000	4.337	34.558	27.399	1.467
1002	4.331	34.557	27.399	1.488

CAST GP1-95-D1 -023 DATE 23 FEB 95 TIME 1241 GMT
 LAT 02 02.9S LONG 109 59.5W WEATHER 1 SEA STATE 2
 BAROMETER 10 WIND DIR 045 T SPD 04 KT VISIBILITY 7
 CLOUD 1 AMOUNT 2 DRY 25.0 WET 22.5 DEPTH 3907 M



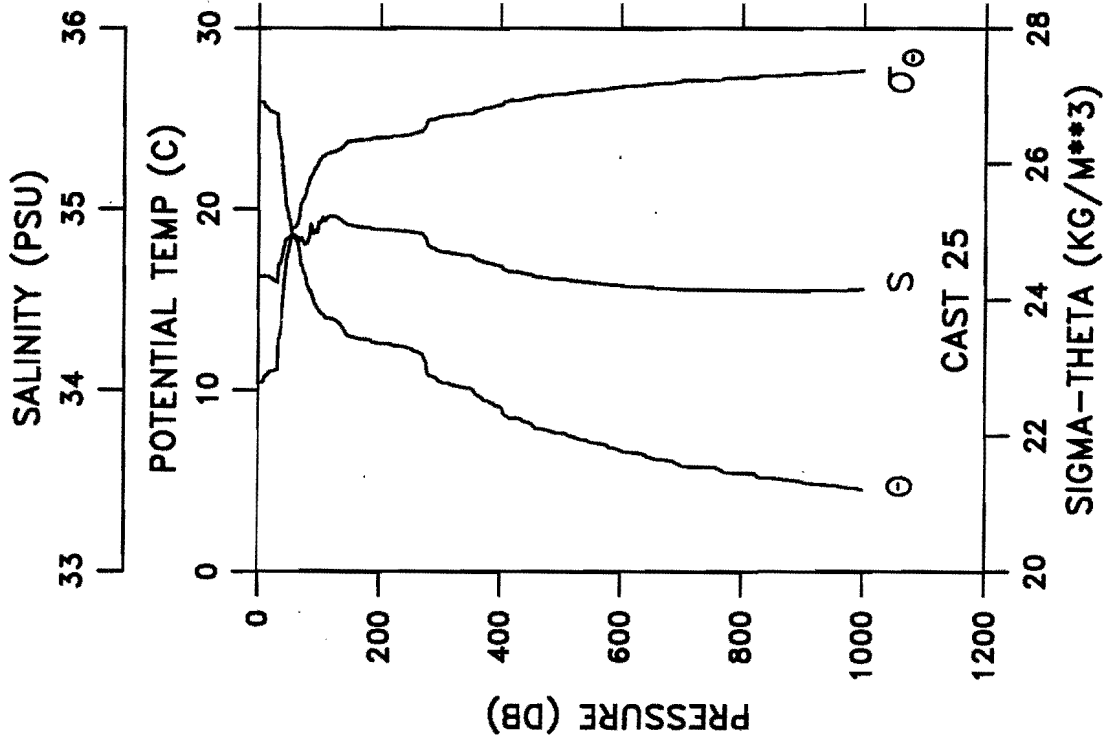
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.277	34.519	22.586	0.000
10	26.268	34.515	22.586	0.053
20	26.213	34.538	22.621	0.105
30	25.574	34.945	23.126	0.158
40	23.156	35.131	23.990	0.199
50	19.752	35.210	24.988	0.233
60	17.951	35.178	25.422	0.261
70	15.288	35.078	25.969	0.285
80	14.780	35.031	26.044	0.305
90	14.113	35.000	26.164	0.324
100	13.887	34.982	26.197	0.343
110	13.693	34.963	26.223	0.361
120	13.563	34.953	26.242	0.379
130	13.474	34.947	26.256	0.397
140	13.448	34.946	26.261	0.415
150	13.325	34.939	26.280	0.433
160	13.188	34.936	26.306	0.450
170	13.055	34.928	26.327	0.468
180	12.832	34.918	26.343	0.485
190	12.878	34.914	26.351	0.502
200	12.843	34.912	26.357	0.519
250	12.491	34.898	26.416	0.604
300	11.787	34.858	26.520	0.686
350	10.760	34.800	26.663	0.763
400	9.728	34.735	26.792	0.832
450	8.426	34.658	26.941	0.895
500	7.705	34.622	27.021	0.954
550	7.041	34.589	27.090	1.008
600	6.626	34.571	27.132	1.060
650	6.263	34.582	27.173	1.108
700	5.855	34.552	27.217	1.158
750	5.524	34.548	27.255	1.204
800	5.295	34.552	27.286	1.249
900	4.710	34.556	27.356	1.333
1000	4.361	34.562	27.399	1.413
1005	4.352	34.561	27.400	1.417

CAST GP1-95-D1 -024 DATE 23 FEB 95 TIME 1808 GMT
 LAT 01 00.2S LONG 109 59.9W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 105 T SPD 09 KT VISIBILITY 8
 CLOUD 3 AMOUNT 5 DRY 27.7 WET 25.1 DEPTH 3950 M



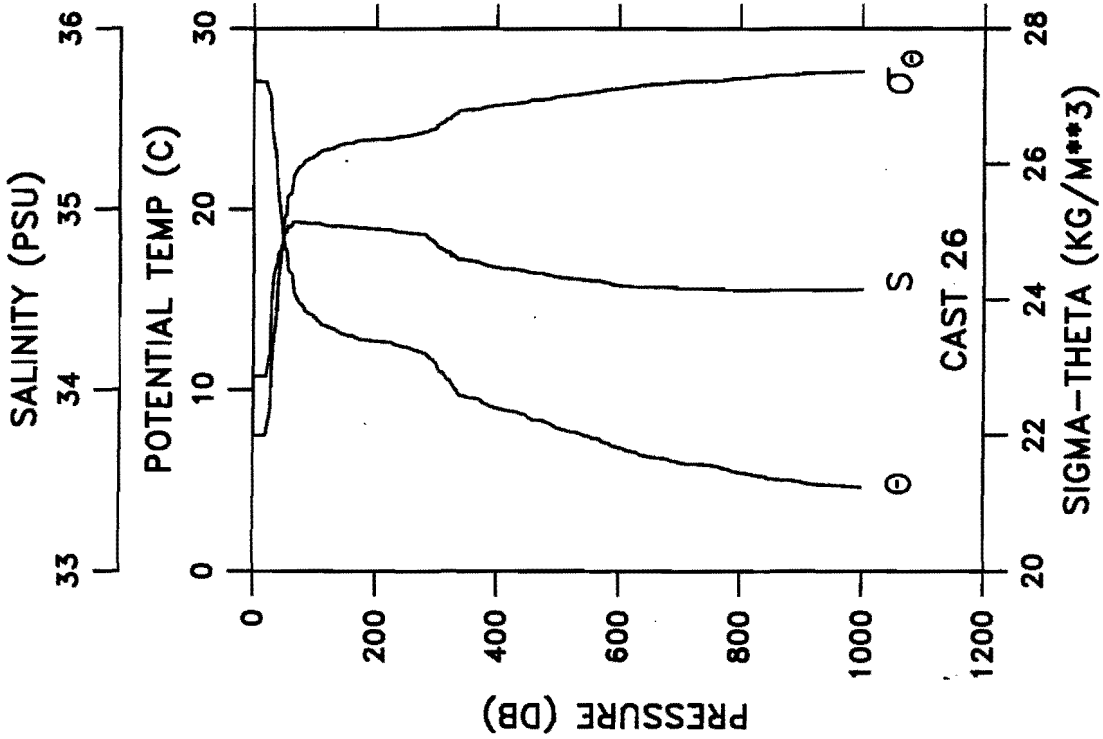
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.120	34.576	22.678	0.000
10	25.991	34.578	22.721	0.052
20	25.730	34.633	22.842	0.102
30	25.254	34.762	23.086	0.151
40	24.515	35.003	23.492	0.198
50	22.736	35.472	24.370	0.237
60	18.758	35.393	25.384	0.268
70	17.790	35.346	25.590	0.293
80	17.353	35.331	25.684	0.316
90	17.177	35.319	25.718	0.339
100	15.832	35.216	25.953	0.382
110	14.962	35.123	26.076	0.401
120	14.184	35.027	26.170	0.401
130	14.075	35.005	26.176	0.420
140	14.059	34.999	26.175	0.438
150	13.991	34.987	26.180	0.457
160	13.849	34.953	26.225	0.476
170	13.338	34.936	26.275	0.494
180	13.143	34.928	26.309	0.511
190	13.034	34.916	26.322	0.529
200	12.890	34.906	26.342	0.546
250	12.671	34.895	26.378	0.632
300	11.397	34.828	26.570	0.714
350	10.170	34.753	26.730	0.786
400	9.503	34.709	26.809	0.853
450	8.610	34.665	26.918	0.917
500	7.984	34.629	26.985	0.976
550	7.080	34.586	27.084	1.031
600	6.582	34.571	27.138	1.083
650	6.287	34.561	27.169	1.133
700	5.812	34.551	27.222	1.181
750	5.518	34.548	27.256	1.227
800	5.242	34.548	27.289	1.271
800	4.750	34.552	27.349	1.357
1000	4.252	34.562	27.411	1.436
1006	4.249	34.562	27.412	1.440

CAST GP1-95-DI -025 DATE 24 FEB 95 TIME 1107 GMT
 LAT 00 03.0N LONG 110 00.5W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 180 T SPD 07 KT VISIBILITY 7
 CLOUD 6 AMOUNT 3 DRY 26.0 WET 24.5 DEPTH 3767 M



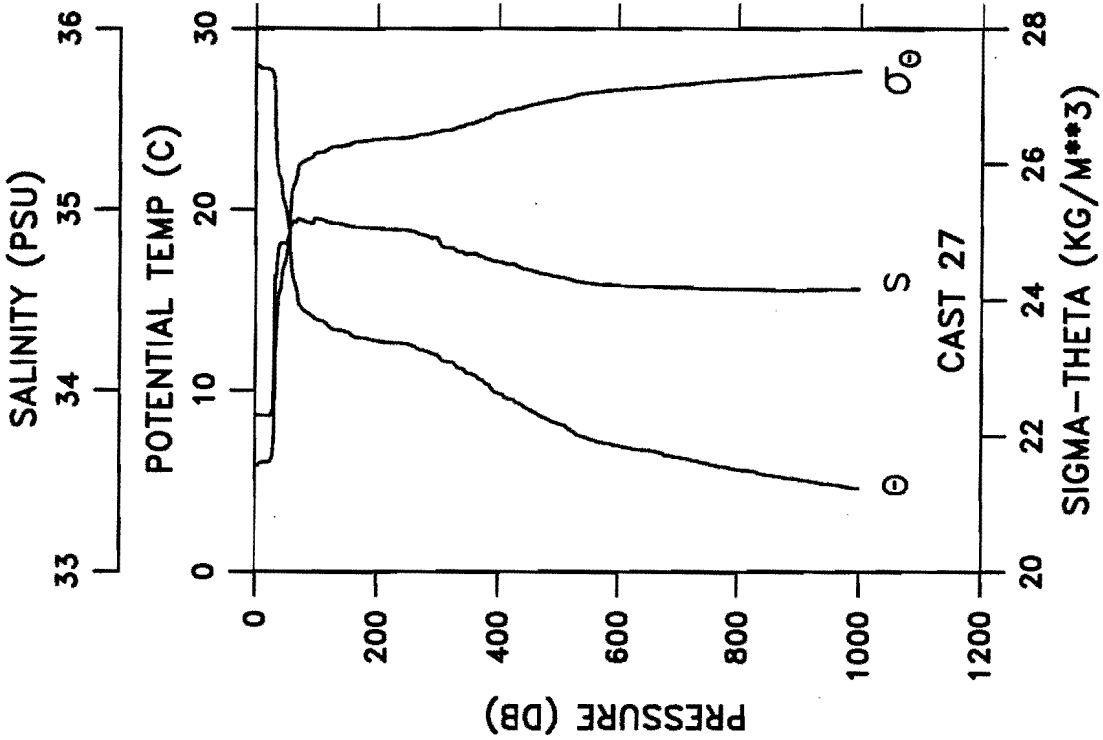
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.907	34.629	22.785	0.000
10	25.665	34.631	22.861	0.051
20	25.369	34.620	22.944	0.100
30	25.230	34.598	22.969	0.149
40	22.104	34.760	24.008	0.193
50	19.537	34.842	24.763	0.228
60	18.367	34.851	25.068	0.258
70	16.924	34.836	25.408	0.286
80	15.792	34.810	25.650	0.311
90	15.071	34.862	25.850	0.334
100	14.411	34.928	26.045	0.354
110	13.993	34.935	26.139	0.374
120	13.944	34.960	26.169	0.383
130	13.778	34.952	26.197	0.411
140	13.353	34.926	26.265	0.430
150	12.990	34.911	26.327	0.447
160	12.891	34.904	26.341	0.464
170	12.837	34.899	26.348	0.481
180	12.812	34.897	26.351	0.498
190	12.645	34.888	26.378	0.516
200	12.608	34.886	26.383	0.532
250	12.336	34.876	26.428	0.616
300	10.475	34.765	26.687	0.693
350	10.109	34.743	26.733	0.783
400	9.084	34.686	26.859	0.829
450	8.201	34.639	26.961	0.869
500	7.639	34.613	27.023	0.946
550	7.125	34.594	27.082	1.000
600	6.664	34.578	27.132	1.053
650	6.283	34.568	27.175	1.103
700	5.844	34.559	27.224	1.151
750	5.758	34.553	27.230	1.198
800	5.426	34.551	27.269	1.243
900	4.955	34.551	27.324	1.330
1000	4.512	34.560	27.382	1.413
1024	4.422	34.562	27.393	1.432

CAST GP1-95-DI --026 DATE 24 FEB 95 TIME 1545 GMT
 LAT 00 59.9N LONG 109 59.8W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 080 T SPD 14 KT VISIBILITY 7
 CLOUD 6 AMOUNT 4 DRY 27.3 WET 24.6 DEPTH 3814 M



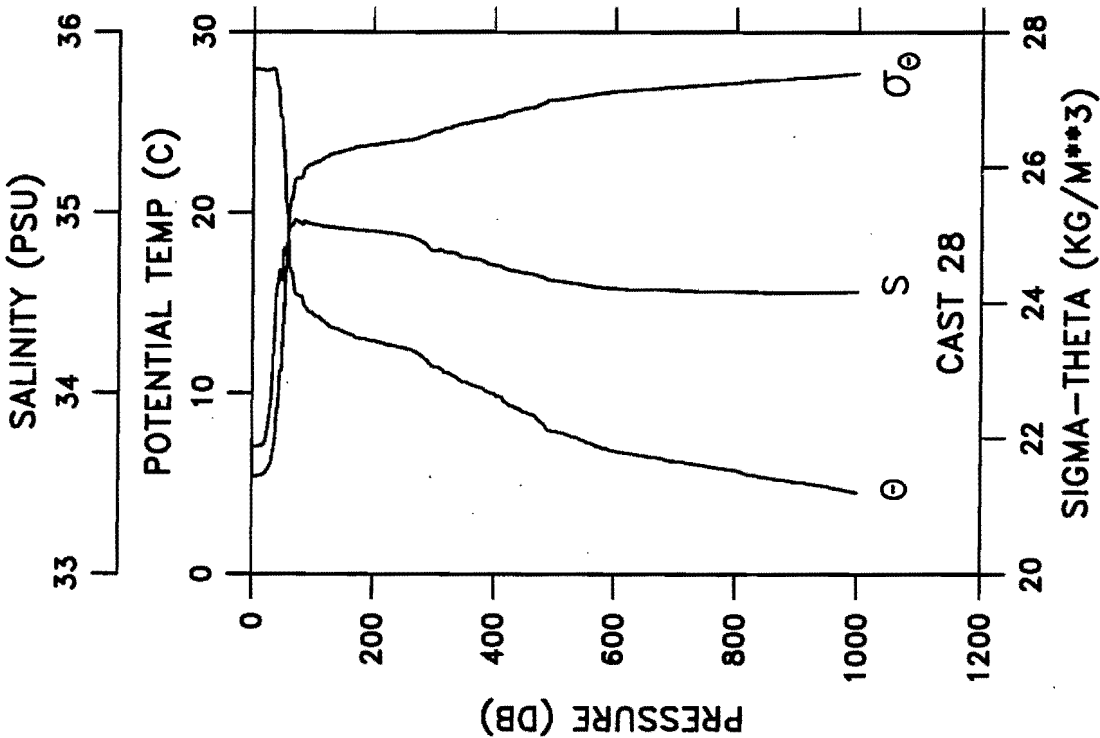
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.075	34.078	22.002	0.000
10	27.068	34.077	22.003	0.058
20	27.011	34.075	22.020	0.116
30	24.821	34.516	23.031	0.171
40	21.345	34.747	24.208	0.215
50	18.059	34.870	25.159	0.247
60	16.491	34.905	25.562	0.273
70	15.117	34.933	25.895	0.296
80	14.648	34.927	25.993	0.317
90	14.224	34.923	26.081	0.336
100	14.016	34.923	26.125	0.356
110	13.661	34.919	26.196	0.375
120	13.528	34.910	26.217	0.393
130	13.399	34.906	26.240	0.411
140	13.184	34.907	26.285	0.429
150	13.056	34.905	26.308	0.446
160	13.035	34.903	26.312	0.464
170	12.862	34.898	26.342	0.481
180	12.796	34.897	26.354	0.498
190	12.751	34.894	26.361	0.515
200	12.724	34.892	26.365	0.533
250	12.383	34.871	26.416	0.617
300	11.484	34.807	26.537	0.699
350	9.608	34.717	26.798	0.769
400	9.004	34.678	26.865	0.834
450	8.564	34.656	26.918	0.896
500	7.898	34.624	26.995	0.955
550	7.440	34.608	27.048	1.011
600	6.827	34.580	27.112	1.065
650	6.325	34.569	27.171	1.115
700	5.992	34.584	27.209	1.164
750	5.864	34.560	27.223	1.211
800	5.458	34.554	27.268	1.257
900	4.941	34.552	27.327	1.344
1000	4.629	34.556	27.366	1.427
1006	4.604	34.557	27.369	1.432

CAST GP1-95-DI -027 DATE 24 FEB 95 TIME 20:30 GMT
 LAT 01 59.5N LONG 110 05.4W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 090 T SPD 11 KT VISIBILITY 9
 CLOUD 8 AMOUNT 3 DRY 28.0 WET 25.0 DEPTH 3852 M



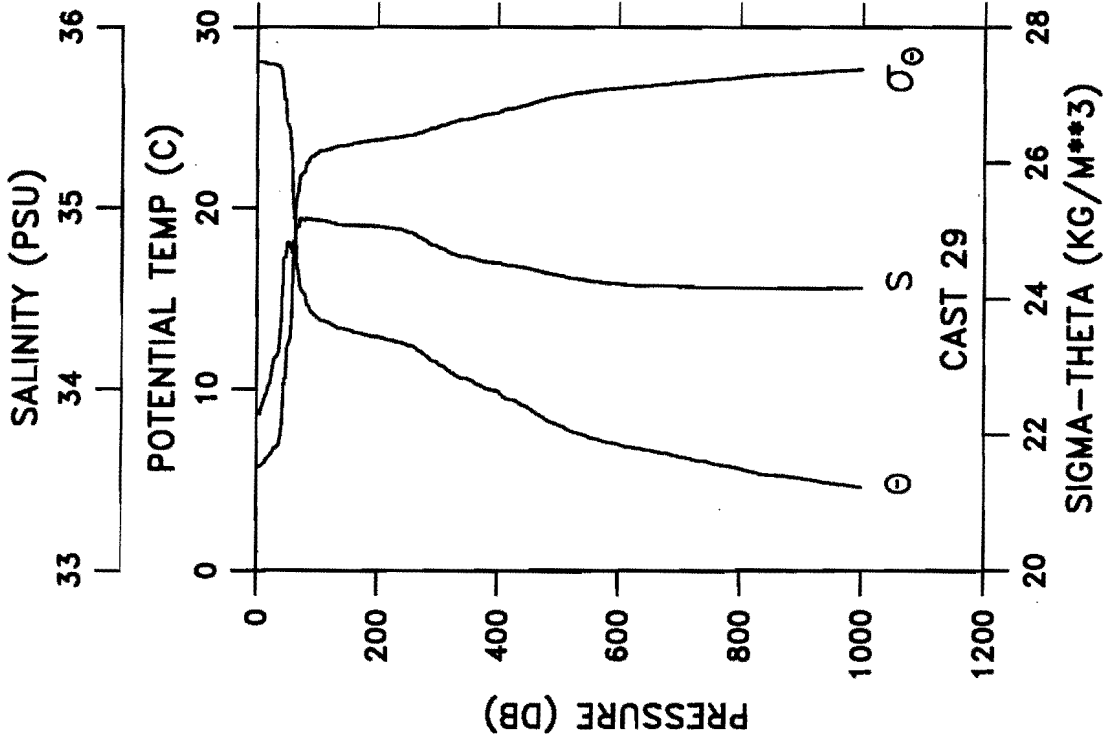
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.948	33.866	21.562	0.000
10	27.802	33.862	21.606	0.062
20	27.774	33.862	21.614	0.124
30	27.330	34.074	21.917	0.185
40	21.810	34.811	24.129	0.229
50	20.010	34.815	24.619	0.264
60	16.453	34.926	25.587	0.294
70	14.829	34.947	25.989	0.316
80	14.395	34.932	26.052	0.336
90	14.192	34.920	26.086	0.356
100	13.917	34.948	26.165	0.375
110	13.838	34.941	26.176	0.393
120	13.540	34.929	26.229	0.412
130	13.371	34.922	26.258	0.430
140	13.347	34.920	26.262	0.448
150	13.211	34.910	26.281	0.466
160	13.014	34.903	26.316	0.483
170	12.925	34.900	26.331	0.501
180	12.895	34.899	26.336	0.518
190	12.801	34.896	26.353	0.535
200	12.756	34.895	26.361	0.552
250	12.570	34.884	26.389	0.637
300	11.940	34.834	26.472	0.720
350	10.961	34.754	26.592	0.798
400	9.854	34.712	26.752	0.872
450	8.967	34.668	26.864	0.938
500	8.174	34.628	26.956	1.000
550	7.351	34.594	27.050	1.057
600	6.971	34.582	27.094	1.111
650	6.697	34.577	27.127	1.163
700	6.316	34.569	27.171	1.213
750	5.966	34.563	27.212	1.262
800	5.644	34.560	27.250	1.308
900	5.108	34.555	27.310	1.398
1000	4.607	34.560	27.371	1.482
1000	4.607	34.560	27.371	1.482

CAST GP1-95-DI -028 DATE 25 FEB 95 TIME 0145 GMT
 LAT 03 00.1N LONG 110 00.1W WEATHER 2 SEA STATE 3
 BAROMETER 09 WIND DIR 090 T SPD 16 KT VISIBILITY 7
 CLOUD 6 AMOUNT 6 DRY 29.4 WET 24.2 DEPTH 3893 M



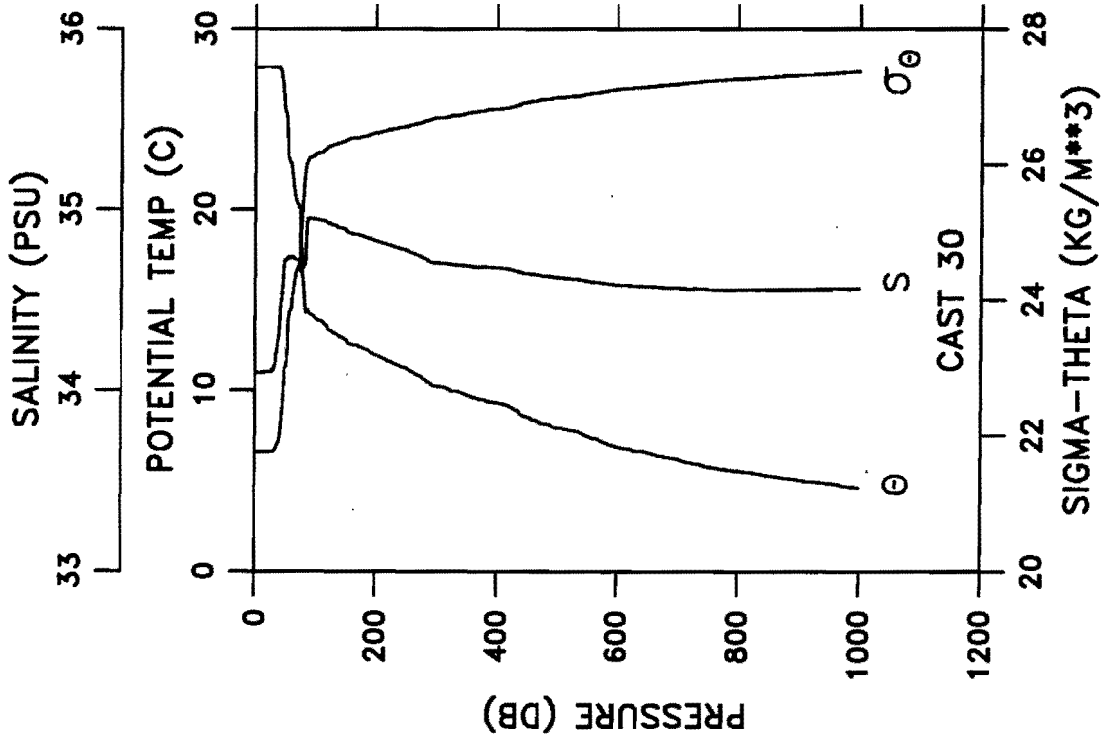
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.945	33.702	21.439	0.000
10	27.916	33.706	21.451	0.063
20	27.884	33.720	21.479	0.127
30	27.914	33.925	21.617	0.189
40	27.125	34.570	22.356	0.249
50	23.707	34.674	23.482	0.299
60	17.837	34.882	25.230	0.335
70	15.535	34.958	25.822	0.359
80	15.359	34.940	25.847	0.381
90	14.603	34.941	26.014	0.402
100	14.345	34.934	26.084	0.422
110	14.204	34.930	26.090	0.441
120	13.894	34.922	26.150	0.461
130	13.642	34.918	26.199	0.479
140	13.547	34.915	26.216	0.498
150	13.388	34.911	26.246	0.516
160	13.276	34.906	26.265	0.534
170	13.080	34.904	26.303	0.552
180	13.025	34.901	26.312	0.569
190	12.949	34.899	26.325	0.587
200	12.889	34.896	26.335	0.604
250	12.497	34.873	26.395	0.690
300	11.462	34.787	26.526	0.772
350	10.611	34.751	26.652	0.848
400	9.960	34.708	26.731	0.919
450	8.949	34.665	26.865	0.985
500	7.884	34.622	26.995	1.046
550	7.334	34.589	27.056	1.102
600	6.787	34.579	27.117	1.155
650	6.518	34.573	27.148	1.206
700	6.229	34.568	27.182	1.256
750	5.982	34.562	27.209	1.304
800	5.726	34.562	27.241	1.351
900	5.072	34.557	27.316	1.440
1000	4.499	34.563	27.385	1.524
1001	4.494	34.563	27.386	1.524

CAST GP1-95-D1-029 DATE 25 FEB 95 TIME 0631 GMT
 LAT 03 59.8N LONG 110 00.8W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 085 T SPD 11 KT VISIBILITY 6
 CLOUD X AMOUNT 9 DRY 28.5 WET 24.8 DEPTH 3880 M



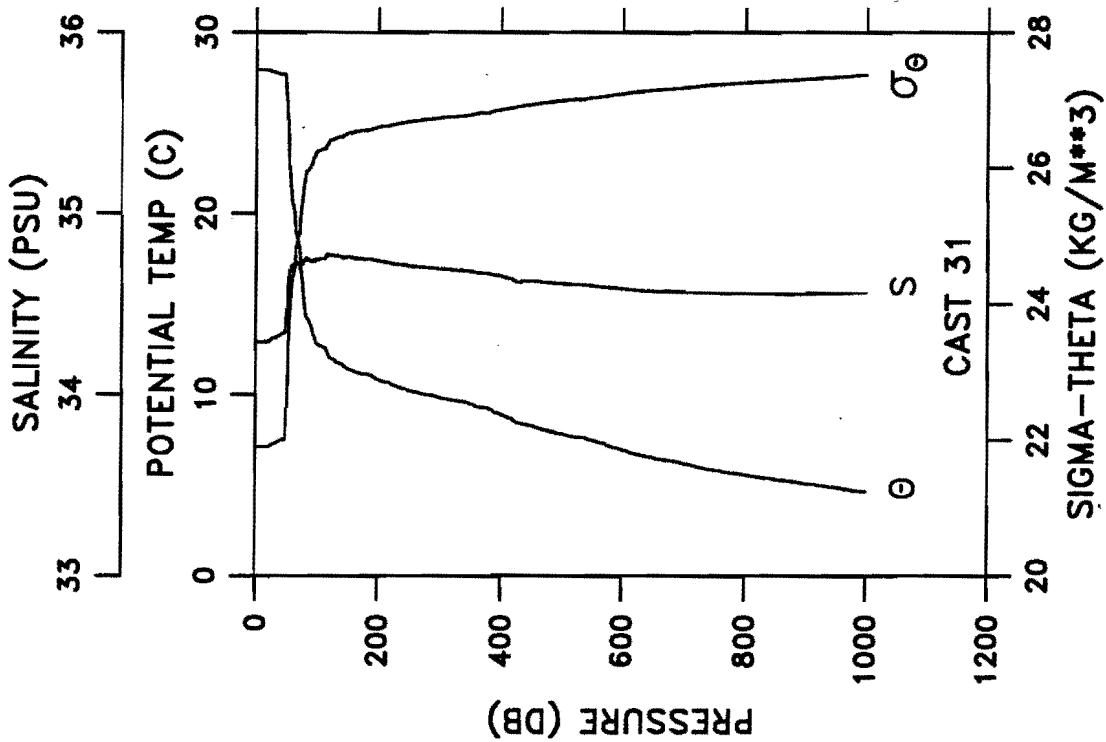
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.054	33.867	21.528	0.000
10	28.076	33.923	21.563	0.063
20	27.967	34.026	21.675	0.124
30	27.925	34.174	21.800	0.185
40	27.605	34.363	22.046	0.245
50	24.734	34.812	23.282	0.297
60	20.151	34.807	24.576	0.340
70	15.856	34.902	25.706	0.367
80	15.125	34.934	25.894	0.389
90	14.248	34.937	26.087	0.409
100	13.960	34.931	26.143	0.428
110	13.774	34.929	26.180	0.447
120	13.647	34.921	26.201	0.466
130	13.483	34.915	26.234	0.484
140	13.347	34.907	26.251	0.502
150	13.277	34.905	26.264	0.520
160	13.138	34.904	26.292	0.538
170	13.083	34.903	26.302	0.555
180	13.000	34.902	26.318	0.573
190	12.922	34.901	26.333	0.590
200	12.891	34.899	26.337	0.608
250	12.417	34.868	26.406	0.693
300	11.438	34.788	26.530	0.775
350	10.572	34.730	26.842	0.850
400	9.886	34.689	26.737	0.921
450	9.010	34.669	26.858	0.988
500	8.061	34.631	26.975	1.048
550	7.377	34.601	27.051	1.104
600	6.960	34.584	27.097	1.158
650	6.630	34.573	27.133	1.210
700	6.257	34.568	27.178	1.260
750	5.933	34.561	27.214	1.309
800	5.593	34.561	27.257	1.355
900	5.063	34.560	27.319	1.443
1000	4.570	34.561	27.376	1.526
1004	4.567	34.561	27.376	1.529

CAST GP1-95-D1 -030 DATE 25 FEB 95 TIME 1312 GMT
 LAT 05 01.2N LONG 110 01.6W WEATHER 2 SEA STATE 4
 BAROMETER 10 WIND DIR 025 T SPD 21 KT VISIBILITY 7
 CLOUD 3 AMOUNT 8 DRY 25.0 WET 23.3 DEPTH 4015 M



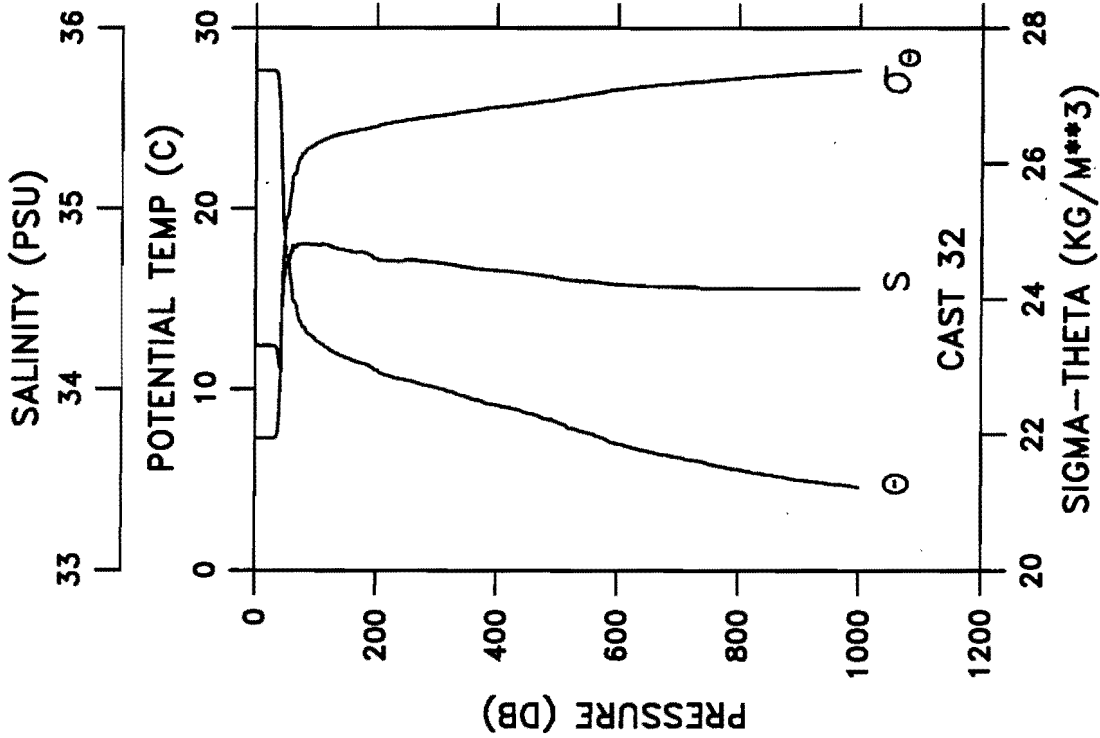
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.882	34.088	21.757	0.000
10	27.879	34.087	21.757	0.060
20	27.887	34.102	21.759	0.121
30	27.885	34.111	21.765	0.182
40	27.836	34.326	21.943	0.241
50	25.404	34.722	23.010	0.296
60	22.471	34.730	23.881	0.339
70	20.331	34.720	24.462	0.376
80	15.885	34.685	25.532	0.407
90	14.235	34.952	26.101	0.428
100	13.981	34.946	26.150	0.447
110	13.829	34.941	26.178	0.466
120	13.454	34.928	26.246	0.484
130	13.178	34.914	26.291	0.502
140	12.959	34.899	26.324	0.519
150	12.802	34.889	26.347	0.537
160	12.513	34.866	26.386	0.553
170	12.475	34.862	26.391	0.570
180	12.311	34.849	26.413	0.587
190	12.137	34.841	26.440	0.603
200	11.947	34.826	26.465	0.619
250	11.236	34.776	26.559	0.698
300	10.220	34.704	26.684	0.771
350	9.732	34.689	26.755	0.841
400	9.315	34.678	26.815	0.908
450	8.520	34.646	26.917	0.971
500	7.941	34.623	26.987	1.030
550	7.475	34.604	27.040	1.087
600	6.867	34.582	27.108	1.141
650	6.558	34.573	27.143	1.192
700	6.198	34.566	27.184	1.242
750	5.763	34.560	27.235	1.290
800	5.546	34.558	27.280	1.336
900	5.038	34.556	27.319	1.424
1000	4.801	34.562	27.373	1.507
1002	4.589	34.561	27.373	1.509

CST GP1-95-D1 -031 DATE 26 FEB 95 TIME 0449 GMT
 LAT 06 00.3N LONG 109 59.6W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 090 T SPD 11 KT VISIBILITY 8
 CLOUD 1 AMOUNT 8 DRY 28.1 WET 25.0 DEPTH 3718 M



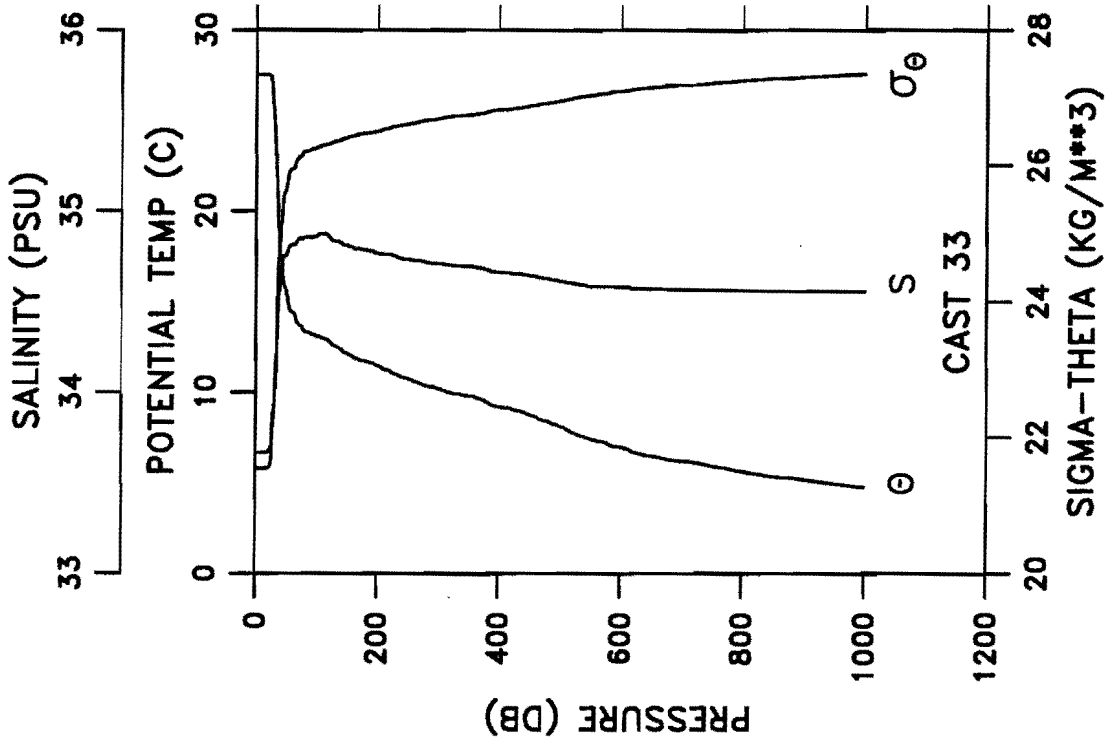
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.919	34.290	21.889	0.000
10	27.917	34.289	21.889	0.059
20	27.913	34.290	21.892	0.118
30	27.801	34.313	21.945	0.177
40	27.698	34.331	21.992	0.236
50	26.516	34.468	22.473	0.294
60	20.490	34.716	24.416	0.336
70	18.187	34.724	25.016	0.369
80	14.752	34.736	25.823	0.395
90	13.785	34.738	26.028	0.415
100	12.763	34.745	26.243	0.434
110	12.604	34.749	26.278	0.452
120	12.045	34.771	26.403	0.469
130	11.878	34.767	26.432	0.485
140	11.690	34.759	26.461	0.501
150	11.421	34.760	26.512	0.517
160	11.285	34.753	26.532	0.532
170	11.170	34.750	26.551	0.548
180	11.117	34.748	26.558	0.563
190	11.031	34.746	26.573	0.578
200	10.821	34.739	26.605	0.593
250	10.209	34.710	26.690	0.665
300	9.827	34.695	26.744	0.734
350	9.492	34.680	26.788	0.801
400	8.915	34.656	26.863	0.866
450	8.301	34.629	26.937	0.927
500	7.838	34.614	26.995	0.986
550	7.476	34.601	27.038	1.042
600	6.945	34.585	27.100	1.096
650	6.514	34.571	27.147	1.148
700	6.166	34.568	27.190	1.197
750	5.816	34.562	27.230	1.245
800	5.561	34.561	27.260	1.291
900	5.069	34.557	27.316	1.379
1000	4.625	34.562	27.370	1.463
1005	4.599	34.563	27.374	1.467

CAST GP1-95-D1 -032 DATE 26 FEB 95 TIME 0928 GMT
 LAT 07 00.0N LONG 110 00.1W WEATHER 0 SEA STATE 3
 BAROMETER 10 WIND DIR 090 T SPD 12 KT VISIBILITY 8
 CLOUD 8 AMOUNT 1 DRY 22.5 WET 25.0 DEPTH 3760 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.635	34.242	21.845	0.000
10	27.634	34.240	21.944	0.058
20	27.632	34.241	21.945	0.117
30	27.638	34.241	21.944	0.176
40	25.782	34.125	22.443	0.234
50	17.503	34.694	25.160	0.274
60	15.579	34.756	25.656	0.300
70	14.099	34.802	26.014	0.322
80	13.425	34.804	26.159	0.341
90	13.001	34.803	26.240	0.359
100	12.663	34.801	26.306	0.377
110	12.483	34.804	26.344	0.394
120	12.281	34.798	26.379	0.411
130	12.016	34.783	26.418	0.427
140	11.854	34.775	26.443	0.444
150	11.738	34.788	26.459	0.460
160	11.598	34.759	26.478	0.476
170	11.477	34.758	26.500	0.491
180	11.412	34.757	26.511	0.507
190	11.238	34.740	26.530	0.523
200	11.071	34.723	26.548	0.538
250	10.493	34.716	26.645	0.612
300	10.087	34.701	26.704	0.683
350	9.573	34.676	26.772	0.751
400	9.126	34.658	26.831	0.817
450	8.701	34.641	26.885	0.881
500	8.202	34.619	26.944	0.942
550	7.603	34.599	27.017	1.000
600	6.965	34.583	27.095	1.055
650	6.565	34.574	27.142	1.107
700	6.233	34.588	27.181	1.156
750	5.879	34.562	27.222	1.205
800	5.580	34.559	27.257	1.251
900	4.994	34.559	27.326	1.339
1000	4.584	34.561	27.374	1.422
1002	4.584	34.560	27.374	1.423

CAST GP1-95-DI -033 DATE 26 FEB 95 TIME 1453 GMT
 LAT 07 59.5N LONG 110 07.5W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 060 T SPD 15 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 27.1 WET 25.2 DEPTH 4220 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.537	33.685	21.543	0.000
10	27.542	33.665	21.541	0.063
20	27.535	33.668	21.546	0.125
30	25.181	33.909	22.464	0.185
40	17.931	34.631	25.007	0.226
50	15.569	34.758	25.660	0.251
60	14.425	34.812	25.952	0.273
70	13.739	34.848	26.125	0.283
80	13.373	34.856	26.206	0.311
90	13.225	34.853	26.234	0.328
100	13.092	34.862	26.268	0.347
110	12.973	34.875	26.302	0.365
120	12.835	34.880	26.318	0.382
130	12.545	34.836	26.356	0.399
140	12.389	34.826	26.390	0.416
150	12.155	34.810	26.413	0.433
160	11.975	34.798	26.437	0.449
170	11.798	34.792	26.467	0.465
180	11.729	34.787	26.475	0.481
190	11.620	34.779	26.490	0.497
200	11.470	34.767	26.509	0.513
250	10.772	34.737	26.612	0.589
300	10.234	34.710	26.685	0.661
350	9.818	34.695	26.745	0.730
400	9.208	34.663	26.821	0.797
450	8.750	34.644	26.880	0.861
500	8.105	34.613	26.955	0.922
550	7.401	34.585	27.036	0.979
600	6.951	34.581	27.086	1.033
650	6.444	34.571	27.157	1.084
700	6.163	34.565	27.189	1.134
750	5.907	34.562	27.219	1.182
800	5.598	34.559	27.255	1.228
900	5.163	34.558	27.304	1.317
1000	4.760	34.558	27.352	1.402
1500	3.208	34.597	27.544	1.766
2000	2.159	34.840	27.671	2.060
2500	1.669	34.665	27.729	2.302
3000	1.514	34.672	27.748	2.538
3500	1.300	34.682	27.769	2.766
4000	1.232	34.685	27.777	2.993
4004	1.232	34.685	27.777	2.995

CAST GP1-95-DI -001 LAT 07 54.2N LONG 094 59.9W CAST GP1-95-DI -004 LAT 05 00.0N LONG 094 55.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	26.645	34.042	26.643	22.105	9.	28.612	30.931	28.610	19.139
76.	15.055	34.788	15.044	25.808	74.	15.260	34.694	15.249	25.676
151.	12.134	34.723	12.114	26.347	148.	13.180	34.910	13.160	26.288
302.	10.889	34.745	10.852	26.598	299.	11.186	34.773	11.149	26.565
503.	8.870	34.656	8.815	26.869	499.	8.361	34.639	8.309	26.937
1009.	4.652	34.572	4.570	27.375	1001.	4.563	34.572	4.483	27.386
1501.	3.104	34.616	2.994	27.569	1501.	3.067	34.618	2.958	27.573
2000.	2.267	34.648	2.126	27.667	1999.	2.266	34.649	2.126	27.670
3001.	1.822	34.675	1.598	27.724	2501.	1.862	34.671	1.684	27.719
3398.	1.840	34.675	1.576	27.724	2999.	1.808	34.677	1.584	27.727
3401.	1.840	34.675	1.576	27.723	3443.	1.828	34.676	1.560	27.726
					3445.	1.828	34.676	1.559	27.726

CAST GP1-95-DI -002 LAT 07 01.1N LONG 095 00.5W CAST GP1-95-DI -005 LAT 04 00.5N LONG 095 00.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	27.517	33.664	27.514	21.549	11.	28.725	31.568	28.723	19.578
76.	14.755	34.893	14.743	25.943	76.	15.203	34.846	15.191	25.813
150.	13.229	34.896	13.208	26.268	151.	13.521	34.917	13.500	26.224
202.	12.723	34.858	12.696	26.337	202.	12.859	34.876	12.831	26.325
294.	11.258	34.762	11.221	26.545	300.	11.458	34.776	11.420	26.520
402.	9.928	34.702	9.881	26.733	400.	10.068	34.714	10.022	26.717
500.	8.562	34.645	8.509	26.910	502.	8.214	34.642	8.162	26.961
572.	7.727	34.610	7.669	27.008	599.	7.380	34.614	7.321	27.063
692.	6.394	34.578	6.331	27.169	697.	6.318	34.577	6.254	27.178
899.	5.115	34.569	5.040	27.320	800.	5.547	34.572	5.478	27.271
993.	4.727	34.571	4.647	27.366	899.	4.959	34.570	4.885	27.338
					985.	4.578	34.570	4.499	27.382

CAST GP1-95-DI -008 LAT 01 30.3N LONG 095 00.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.663	31.798	28.660	19.769	10.	23.265	34.136	23.263	23.222
76.	16.149	34.933	16.137	25.662	74.	15.426	34.934	15.415	25.829
151.	13.743	34.933	13.722	26.190	150.	13.983	34.961	13.961	26.162
200.	13.110	34.901	13.082	26.296	202.	13.832	34.954	13.803	26.188
301.	11.666	34.794	11.628	26.494	300.	11.825	34.833	11.786	26.493
400.	9.432	34.687	9.387	26.805	399.	9.299	34.696	9.254	26.833
500.	8.052	34.631	8.001	26.978	501.	7.910	34.624	7.859	26.993
600.	7.139	34.606	7.081	27.090	602.	7.091	34.606	7.033	27.095
700.	6.217	34.578	6.154	27.191	699.	6.001	34.574	5.939	27.215
800.	5.446	34.568	5.378	27.280	800.	5.534	34.564	5.465	27.267
899.	4.851	34.563	4.777	27.347	900.	5.133	34.561	5.057	27.311
1000.	4.457	34.571	4.378	27.396	1001.	4.472	34.571	4.393	27.395

CAST GP1-95-DI -006 LAT 03 00.0N LONG 095 00.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	25.390	33.410	25.388	22.122	11.	23.386	34.197	23.384	23.223
75.	16.025	34.986	16.013	25.732	76.	17.245	34.906	17.232	25.380
150.	14.309	34.965	14.287	26.093	150.	14.464	34.968	14.442	26.065
299.	11.580	34.819	11.542	26.529	201.	13.428	34.938	13.399	26.257
401.	9.632	34.704	9.586	26.785	301.	11.755	34.829	11.716	26.500
500.	7.765	34.621	7.715	27.011	400.	9.180	34.698	9.136	26.851
1000.	4.395	34.573	4.316	27.405	601.	6.658	34.597	6.602	27.146
1251.	3.848	34.587	3.752	27.474	700.	5.872	34.572	5.810	27.230
1499.	3.121	34.613	3.011	27.564	800.	5.474	34.568	5.405	27.275
1748.	2.525	34.637	2.402	27.638	900.	4.854	34.564	4.780	27.346
2004.	2.228	34.649	2.088	27.672	1000.	4.333	34.575	4.254	27.410
2003.	2.230	34.648	2.089	27.672					

CAST GP1-95-DI -009 LAT 00 59.9N LONG 095 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	25.390	33.410	25.388	22.122	11.	23.386	34.197	23.384	23.223
75.	16.025	34.986	16.013	25.732	76.	17.245	34.906	17.232	25.380
150.	14.309	34.965	14.287	26.093	150.	14.464	34.968	14.442	26.065
299.	11.580	34.819	11.542	26.529	201.	13.428	34.938	13.399	26.257
401.	9.632	34.704	9.586	26.785	301.	11.755	34.829	11.716	26.500
500.	7.765	34.621	7.715	27.011	400.	9.180	34.698	9.136	26.851
1000.	4.395	34.573	4.316	27.405	601.	6.658	34.597	6.602	27.146
1251.	3.848	34.587	3.752	27.474	700.	5.872	34.572	5.810	27.230
1499.	3.121	34.613	3.011	27.564	800.	5.474	34.568	5.405	27.275
1748.	2.525	34.637	2.402	27.638	900.	4.854	34.564	4.780	27.346
2004.	2.228	34.649	2.088	27.672	1000.	4.333	34.575	4.254	27.410
2003.	2.230	34.648	2.089	27.672					

CAST GP1-95-DI -007 LAT 02 00.1N LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	25.390	33.410	25.388	22.122	11.	23.386	34.197	23.384	23.223
75.	16.025	34.986	16.013	25.732	76.	17.245	34.906	17.232	25.380
150.	14.309	34.965	14.287	26.093	150.	14.464	34.968	14.442	26.065
299.	11.580	34.819	11.542	26.529	201.	13.428	34.938	13.399	26.257
401.	9.632	34.704	9.586	26.785	301.	11.755	34.829	11.716	26.500
500.	7.765	34.621	7.715	27.011	400.	9.180	34.698	9.136	26.851
1000.	4.395	34.573	4.316	27.405	601.	6.658	34.597	6.602	27.146
1251.	3.848	34.587	3.752	27.474	700.	5.872	34.572	5.810	27.230
1499.	3.121	34.613	3.011	27.564	800.	5.474	34.568	5.405	27.275
1748.	2.525	34.637	2.402	27.638	900.	4.854	34.564	4.780	27.346
2004.	2.228	34.649	2.088	27.672	1000.	4.333	34.575	4.254	27.410
2003.	2.230	34.648	2.089	27.672					

CST GPI-95-DI -010 LAT 00 00.1N LONG 094 54.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	24.615	34.279	24.612	23.060	11.	27.842	33.308	27.840	21.225
70.	17.120	34.888	17.109	25.394	77.	14.959	35.015	14.948	25.994
149.	14.959	35.029	14.936	26.006	152.	14.181	34.961	14.159	26.122
297.	11.772	34.829	11.734	26.499	301.	11.977	34.862	11.938	26.485
500.	7.806	34.626	7.755	27.010	500.	7.909	34.625	7.858	26.993
1000.	4.438	34.566	4.359	27.395	1001.	4.443	34.566	4.364	27.395
1499.	2.833	34.618	2.727	27.596	1499.	2.964	34.611	2.856	27.578
2000.	2.213	34.651	2.073	27.674	2002.	2.253	34.647	2.112	27.669
2500.	1.860	34.668	1.682	27.717	2491.	1.844	34.669	1.668	27.720
2999.	1.745	34.679	1.523	27.735	2999.	1.755	34.678	1.532	27.734
3000.	1.745	34.680	1.522	27.735	3098.	1.760	34.678	1.528	27.734
3202.	1.767	34.680	1.524	27.733	3099.	1.760	34.679	1.528	27.734

CST GPI-95-DI -012 LAT 02 00.3S LONG 095 01.0W

CST GPI-95-DI -011 LAT 01 00.1S LONG 095 00.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	26.461	34.263	26.458	22.424	9.	27.408	34.387	27.406	22.127
74.	15.399	35.090	15.387	25.959	75.	15.479	35.139	15.468	25.969
151.	14.435	34.998	14.413	26.094	151.	14.350	35.022	14.328	26.131
201.	13.751	34.957	13.723	26.208	200.	13.601	34.957	13.573	26.239
300.	11.571	34.844	11.532	26.548	300.	11.625	34.839	11.587	26.535
499.	7.975	34.633	7.924	26.989	401.	9.133	34.693	9.088	26.858
595.	6.848	34.589	6.792	27.116	501.	8.117	34.641	8.065	26.975
701.	6.114	34.562	6.051	27.192	604.	7.221	34.608	7.163	27.080
800.	5.442	34.556	5.373	27.270	700.	6.234	34.576	6.170	27.188
903.	4.815	34.556	4.742	27.344	792.	5.441	34.559	5.373	27.274
996.	4.348	34.569	4.270	27.406	902.	4.804	34.561	4.730	27.349
					1012.	4.385	34.571	4.306	27.404

CST GPI-95-DI -013 LAT 03 00.6S LONG 095 00.6W

CAST GP1-95-DI -014 LAT 04 00.5S LONG 095 00.3W

CAST GP1-95-DI -016 LAT 05 59.9S LONG 094 59.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.238	34.661	27.236	22.385	11.	26.953	34.911	26.950	22.665
75.	16.014	35.094	16.003	25.817	76.	20.166	35.219	20.151	24.873
150.	13.380	34.965	13.359	26.289	150.	13.180	34.952	13.159	26.319
201.	12.821	34.916	12.793	26.365	200.	12.231	34.895	12.205	26.464
300.	12.105	34.875	12.065	26.473	299.	11.100	34.817	11.063	26.616
399.	10.672	34.785	10.624	26.667	500.	8.243	34.647	8.191	26.960
500.	8.270	34.649	8.218	26.958	601.	6.824	34.582	6.767	27.114
604.	6.903	34.587	6.846	27.107	700.	6.186	34.568	6.122	27.188
691.	6.295	34.571	6.232	27.175	799.	5.469	34.551	5.401	27.264
796.	5.466	34.557	5.398	27.269	901.	4.850	34.547	4.777	27.333
898.	4.770	34.556	4.698	27.350	998.	4.436	34.552	4.357	27.383
993.	4.422	34.563	4.344	27.394					

CAST GP1-95-DI -017 LAT 06 59.9S LONG 095 00.0W

CAST GP1-95-DI -015 LAT 05 00.2S LONG 095 00.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
150.	13.084	34.938	13.063	26.327	9.	26.190	35.199	26.188	23.123
301.	11.807	34.859	11.768	26.517	74.	17.852	35.231	17.839	25.477
500.	8.776	34.678	8.722	26.900	149.	12.911	34.930	12.891	26.358
1502.	2.950	34.613	2.843	27.580	200.	12.390	34.900	12.363	26.435
2000.	2.238	34.649	2.098	27.671	301.	11.269	34.826	11.232	26.591
2500.	1.875	34.672	1.697	27.718	400.	9.725	34.728	9.679	26.786
2998.	1.754	34.682	1.532	27.735	499.	8.300	34.649	8.248	26.953
3500.	1.784	34.682	1.510	27.733	600.	7.175	34.595	7.117	27.076
3701.	1.802	34.682	1.507	27.732	700.	6.349	34.564	6.285	27.163
					800.	5.647	34.547	5.577	27.239
					900.	5.050	34.545	4.975	27.308
					1002.	4.657	34.552	4.576	27.359

CAST GP1-95-DI -018 LAT 07 55.4S LONG 095 01.5W

CAST GP1-95-DI -020 LAT 05 59.9S LONG 109 59.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
8.	25.989	35.191	25.987	23.180	11.	26.584	35.034	26.582	22.878
75.	20.662	35.695	20.648	25.112	74.	25.040	35.421	25.024	23.646
151.	13.444	34.953	13.423	26.268	151.	14.238	35.010	14.216	26.145
301.	11.593	34.848	11.554	26.550	199.	12.325	34.901	12.299	26.452
499.	8.899	34.674	8.845	26.880	299.	11.022	34.813	10.985	26.628
1000.	4.534	34.549	4.454	27.371	400.	9.770	34.735	9.724	26.785
1501.	3.027	34.600	2.919	27.564	498.	8.221	34.646	8.169	26.965
2002.	2.272	34.644	2.131	27.665	599.	7.108	34.595	7.050	27.086
2502.	1.890	34.669	1.711	27.716	700.	6.208	34.563	6.145	27.182
3001.	1.775	34.680	1.552	27.733	800.	5.572	34.551	5.503	27.252
3802.	1.807	34.688	1.501	27.737	901.	5.029	34.547	4.954	27.313
					999.	4.596	34.548	4.516	27.363

CAST GP1-95-DI -019 LAT 08 00.5S LONG 109 53.6W

CAST GP1-95-DI -021 LAT 05 03.0S LONG 109 59.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	26.334	35.174	26.332	23.063	11.	26.555	34.854	26.553	22.751
74.	24.049	35.633	24.033	24.106	73.	23.950	35.413	23.934	23.965
150.	15.183	35.092	15.160	25.994	148.	13.611	35.012	13.590	26.281
299.	10.920	34.807	10.883	26.645	201.	12.310	34.895	12.283	26.452
499.	8.481	34.657	8.428	26.935	298.	11.015	34.811	10.978	26.629
1000.	4.487	34.546	4.408	27.376	399.	9.491	34.718	9.446	26.819
1498.	2.955	34.601	2.848	27.573	500.	8.195	34.646	8.143	26.967
2001.	2.230	34.644	2.089	27.670	599.	7.123	34.593	7.065	27.081
2499.	1.891	34.668	1.713	27.716	700.	6.219	34.562	6.155	27.179
3001.	1.757	34.679	1.534	27.735	797.	5.608	34.552	5.539	27.245
3203.	1.670	34.684	1.429	27.746	899.	5.123	34.543	5.048	27.298
3202.	1.670	34.683	1.430	27.746	1002.	4.665	34.552	4.584	27.358

CAST GP1-95-DI -022 LAT 03 00.0S LONG 110 00.0W

CAST GP1-95-DI -024 LAT 01 00.2S LONG 109 59.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	26.522	34.449	26.520	22.455	10.	25.953	34.581	25.951	22.735
74.	16.104	35.064	16.092	25.775	75.	17.480	35.329	17.468	25.652
149.	13.453	34.938	13.432	26.256	149.	14.042	34.989	14.021	26.170
200.	12.980	34.917	12.953	26.335	200.	12.923	34.903	12.896	26.334
299.	11.859	34.860	11.820	26.509	301.	11.283	34.817	11.245	26.581
401.	9.624	34.720	9.578	26.798	399.	9.488	34.704	9.443	26.808
500.	8.023	34.630	7.972	26.980	500.	7.797	34.615	7.746	27.001
601.	7.081	34.595	7.023	27.089	600.	6.626	34.572	6.570	27.132
700.	6.242	34.574	6.179	27.183	700.	5.862	34.552	5.801	27.215
799.	5.455	34.558	5.386	27.269	799.	5.291	34.550	5.224	27.282
901.	4.801	34.562	4.728	27.345	898.	4.827	34.553	4.753	27.340
1001.	4.413	34.560	4.334	27.390	999.	4.331	34.564	4.253	27.403

CAST GP1-95-DI -023 LAT 02 02.9S LONG 109 59.5W

CAST GP1-95-DI -025 LAT 00 03.0N LONG 110 00.5W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	26.258	34.511	26.256	22.586	8.	25.779	34.627	25.777	22.821
73.	15.081	35.033	15.070	25.980	75.	15.673	34.815	15.661	25.687
151.	13.377	34.937	13.355	26.269	148.	12.953	34.904	12.933	26.329
199.	12.879	34.910	12.852	26.349	201.	12.634	34.884	12.607	26.377
301.	11.946	34.863	11.907	26.493	300.	10.463	34.760	10.427	26.685
401.	9.793	34.732	9.747	26.779	401.	8.705	34.661	8.662	26.900
499.	7.931	34.625	7.880	26.990	502.	7.685	34.613	7.634	27.017
600.	6.735	34.571	6.679	27.118	600.	6.749	34.579	6.693	27.121
701.	5.942	34.554	5.880	27.206	700.	5.911	34.560	5.850	27.215
799.	5.390	34.551	5.322	27.273	800.	5.492	34.553	5.424	27.262
899.	4.794	34.555	4.721	27.345	900.	5.001	34.552	4.926	27.319
1005.	4.431	34.564	4.351	27.391	999.	4.597	34.561	4.516	27.372

CAST GP1-95-DI -026 LAT 00 59.9N LONG 109 59.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.085	34.076	27.082	21.994	10.	27.864	33.707	27.862	21.468
74.	15.015	34.920	15.004	25.906	75.	15.485	34.934	15.473	25.813
150.	13.073	34.902	13.052	26.303	151.	13.385	34.908	13.364	26.243
201.	12.738	34.890	12.711	26.361	201.	12.899	34.895	12.872	26.331
302.	11.129	34.789	11.092	26.583	301.	11.515	34.789	11.477	26.514
399.	9.049	34.677	9.005	26.858	400.	9.892	34.705	9.845	26.738
500.	7.950	34.625	7.899	26.986	502.	7.870	34.620	7.819	26.994
600.	6.894	34.581	6.837	27.102	601.	6.807	34.580	6.750	27.113
700.	6.063	34.566	6.000	27.200	701.	6.287	34.570	6.223	27.174
800.	5.526	34.556	5.457	27.259	799.	5.773	34.567	5.702	27.235
899.	5.032	34.554	4.957	27.316	901.	5.146	34.559	5.070	27.306
1003.	4.698	34.561	4.616	27.358	1000.	4.577	34.567	4.497	27.377

CAST GP1-95-DI -028 LAT 03 00.1N LONG 110 00.1W

CAST GP1-95-DI -027 LAT 01 59.5N LONG 110 05.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.801	33.862	27.799	21.603	10.	28.050	33.881	28.048	21.534
75.	14.614	34.925	14.603	25.999	75.	15.409	34.914	15.398	25.814
148.	13.257	34.908	13.236	26.270	152.	13.290	34.900	13.269	26.259
200.	12.791	34.892	12.764	26.353	199.	12.917	34.896	12.890	26.330
299.	12.043	34.843	12.004	26.460	300.	11.581	34.792	11.542	26.507
399.	9.958	34.710	9.911	26.734	401.	9.946	34.698	9.899	26.726
498.	8.301	34.631	8.249	26.937	499.	8.140	34.631	8.088	26.963
601.	7.013	34.582	6.955	27.087	601.	7.048	34.586	6.990	27.085
700.	6.344	34.570	6.280	27.168	699.	6.346	34.569	6.282	27.168
801.	5.684	34.561	5.615	27.245	800.	5.657	34.563	5.588	27.248
900.	5.160	34.557	5.085	27.303	898.	5.145	34.560	5.070	27.309
993.	4.694	34.562	4.613	27.361	1001.	4.649	34.564	4.568	27.367

CAST GP1-95-DI -029 LAT 03 59.8N LONG 110 00.8W

CAST GP1-95-DI -030 LAT 05 01.2N LONG 110 01.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.862	34.100	27.860	21.763
74.	17.032	34.676	17.020	25.243
151.	12.831	34.882	12.811	26.338
198.	12.079	34.830	12.053	26.444
300.	10.408	34.709	10.372	26.653
400.	9.380	34.681	9.335	26.805
503.	8.007	34.625	7.955	26.977
602.	6.908	34.582	6.851	27.101
702.	6.248	34.568	6.185	27.177
793.	5.661	34.556	5.592	27.243
902.	5.117	34.558	5.042	27.309
1000.	4.681	34.565	4.600	27.364

CAST GP1-95-DI -032 LAT 07 00.0N LONG 110 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	27.640	30.360	27.637	21.943
75.	13.455	34.792	13.444	26.142
149.	11.776	34.760	11.757	26.450
202.	10.938	34.708	10.914	26.562
299.	10.107	34.695	10.072	26.699
401.	9.172	34.654	9.127	26.823
499.	8.218	34.613	8.166	26.939
600.	7.034	34.578	6.976	27.084
699.	6.282	34.565	6.218	27.175
801.	5.608	34.557	5.538	27.253
887.	5.145	34.557	5.071	27.308
1001.	4.665	34.559	4.584	27.365

CAST GP1-95-DI -031 LAT 06 00.3N LONG 109 59.6W

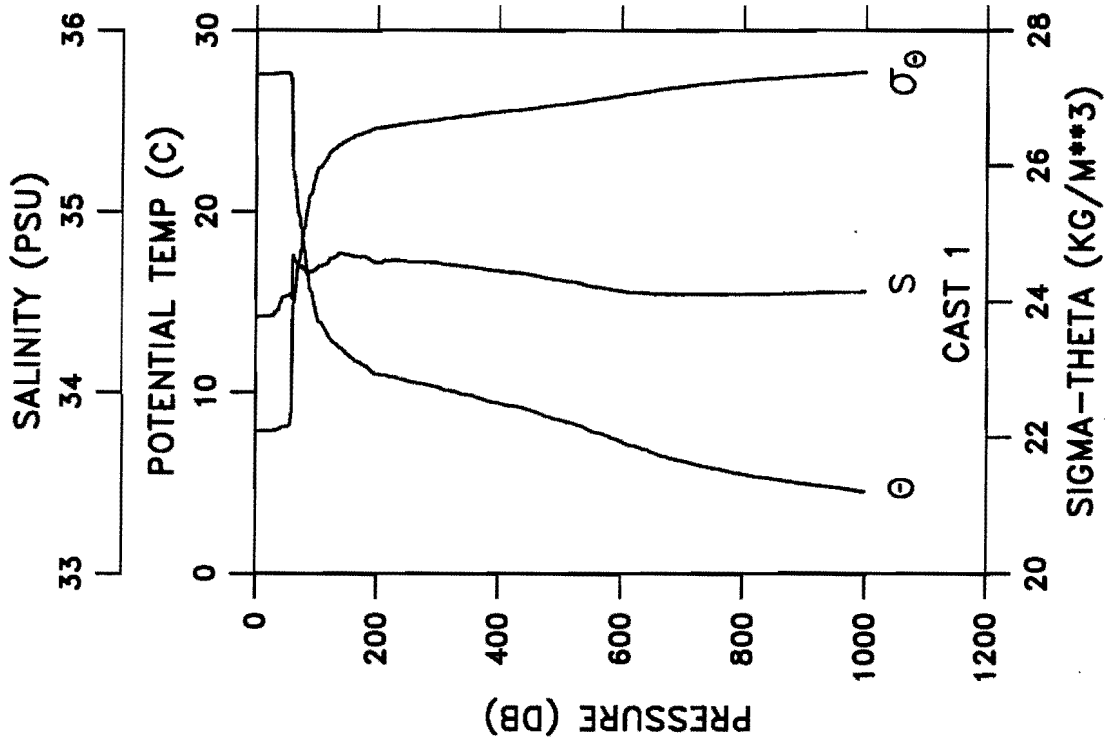
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.913	34.289	27.910	21.891
75.	18.035	34.705	18.022	25.029
150.	11.488	34.753	11.469	26.496
200.	10.804	34.732	10.780	26.604
301.	9.832	34.690	9.798	26.741
400.	8.936	34.650	8.892	26.856
501.	7.864	34.611	7.813	26.990
600.	6.946	34.580	6.889	27.097
700.	6.241	34.566	6.177	27.180
800.	5.594	34.560	5.525	27.256
901.	5.128	34.556	5.053	27.309
1004.	4.682	34.563	4.601	27.365

CAST GP1-95-DI -033 LAT 07 59.5N LONG 110 07.5W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.516	33.683	27.514	21.562
74.	13.560	34.833	13.550	26.155
151.	12.151	34.805	12.131	26.411
299.	10.214	34.706	10.179	26.688
499.	8.237	34.614	8.185	26.937
1000.	4.783	34.557	4.701	27.351
1499.	3.286	34.596	3.175	27.537
1999.	2.307	34.639	2.166	27.658
2499.	1.852	34.664	1.674	27.715
3499.	1.568	34.682	1.300	27.750
3999.	1.553	34.686	1.232	27.753

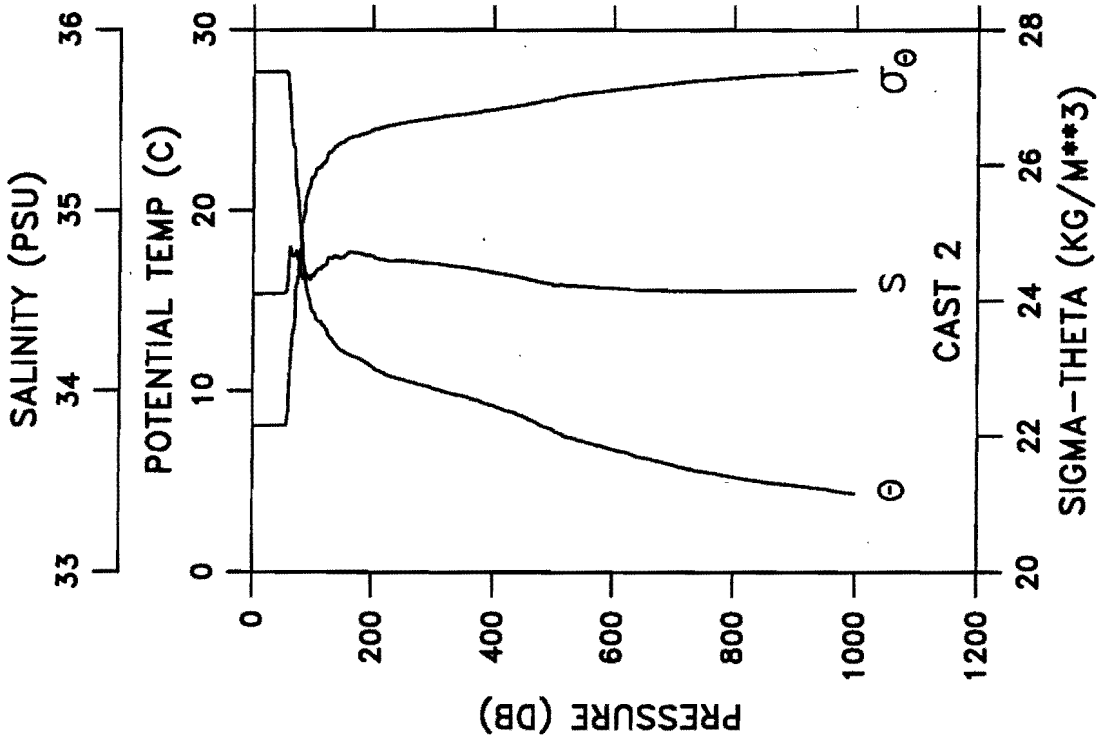
GP2-95-DI
March 7-25, 1995
CTD and Hydrographic Data Summary

CAST GP2-95-DI -001 DATE 12 MAR 95 TIME 0922 GMT
 LAT 08 00.5N LONG 125 00.6W WEATHER 1 SEA STATE 5
 BAROMETER 14 WIND DIR 040 T SPD 21 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 28.0 WET 25.0 DEPTH 4591 M



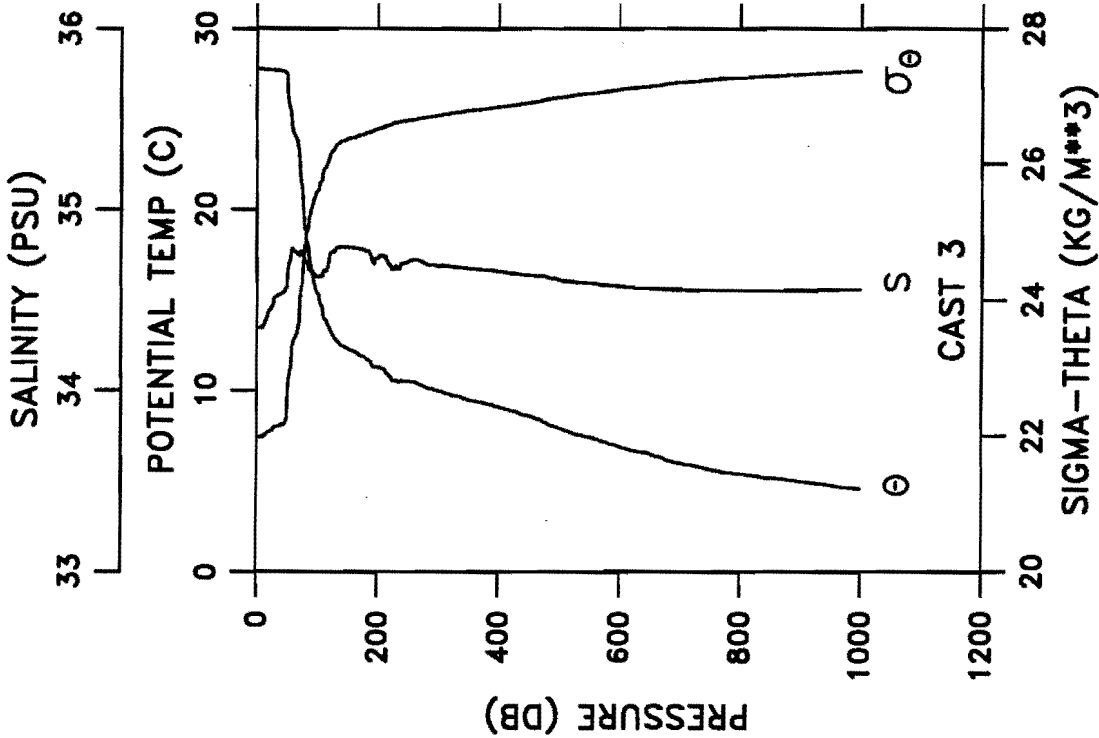
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.579	34.420	22.097	0.000
10	27.575	34.419	22.098	0.057
20	27.578	34.421	22.098	0.114
30	27.600	34.444	22.109	0.172
40	27.629	34.496	22.138	0.229
50	27.633	34.533	22.165	0.286
60	23.430	34.714	23.594	0.341
70	19.842	34.700	24.576	0.378
80	17.741	34.677	25.089	0.410
90	15.598	34.665	25.582	0.436
100	14.245	34.681	25.889	0.459
110	13.709	34.701	26.017	0.479
120	13.059	34.728	26.171	0.499
130	12.709	34.747	26.255	0.517
140	12.445	34.767	26.323	0.535
150	12.129	34.760	26.379	0.552
160	11.863	34.752	26.423	0.568
170	11.641	34.746	26.461	0.584
180	11.467	34.746	26.493	0.600
190	11.183	34.726	26.533	0.616
200	10.988	34.715	26.557	0.631
250	10.842	34.723	26.625	0.706
300	10.288	34.713	26.678	0.778
350	9.851	34.693	26.738	0.848
400	9.412	34.671	26.794	0.915
450	9.043	34.651	26.838	0.981
500	8.488	34.619	26.901	1.044
550	7.878	34.585	26.967	1.105
600	7.282	34.560	27.033	1.163
650	6.662	34.545	27.104	1.217
700	6.196	34.541	27.165	1.268
750	5.802	34.541	27.215	1.316
800	5.485	34.542	27.258	1.363
800	4.951	34.548	27.322	1.451
1000	4.507	34.559	27.381	1.533
1500	2.952	34.602	27.572	1.881
2000	2.069	34.639	27.677	2.164
2500	1.690	34.662	27.725	2.407
3000	1.505	34.671	27.746	2.643
3003	1.504	34.671	27.746	2.644

CAS GP2-85-DJ -002 DATE 12 MAR 85 TIME 1457 GMT
 LAT 07 00.2N LONG 125 00.1W WEATHER 8 SEA STATE 4
 BAROMETER 13 WIND DIR 100 T SPD 16 KT VISIBILITY 3
 CLOUD 9 AMOUNT 8 DRY 26.2 WET 25.0 DEPTH 4660 M



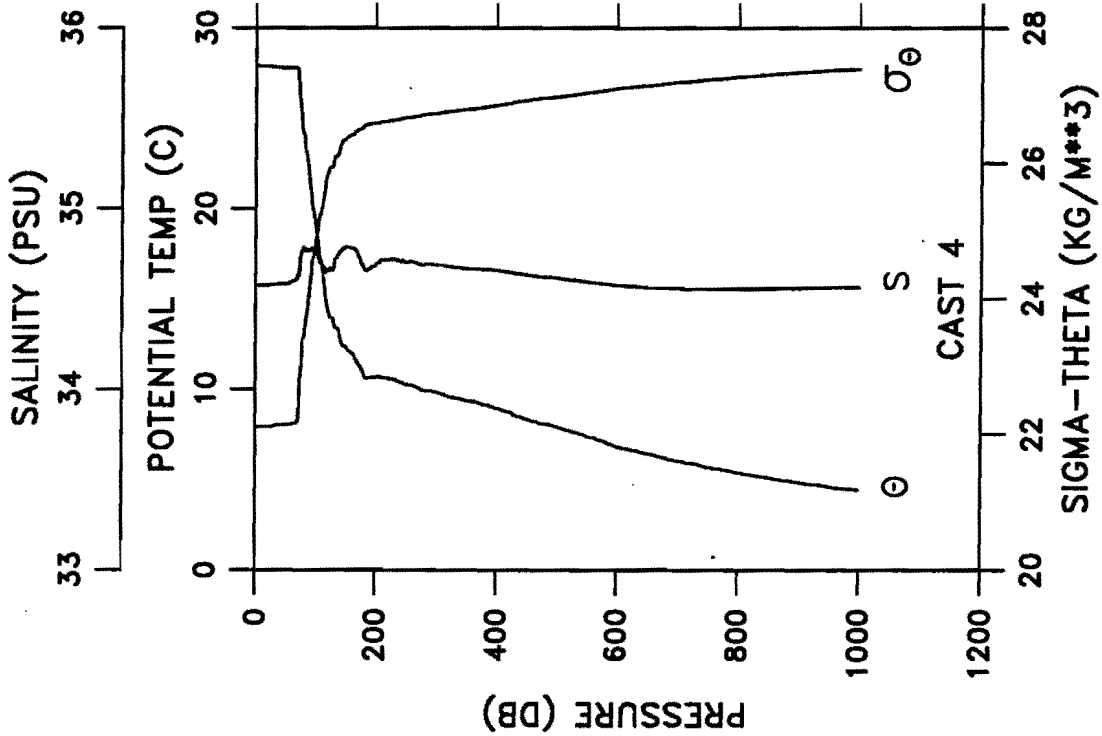
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DTN-M)
0	27.662	34.536	22.157	0.000
10	27.665	34.535	22.156	0.057
20	27.672	34.538	22.156	0.113
30	27.669	34.539	22.157	0.170
40	27.667	34.539	22.158	0.227
50	27.669	34.541	22.159	0.284
60	26.321	34.749	22.745	0.339
70	22.438	34.750	23.906	0.385
80	18.774	34.644	24.807	0.420
90	15.603	34.634	25.557	0.448
100	14.392	34.638	25.825	0.471
110	13.862	34.676	25.966	0.492
120	13.521	34.698	26.054	0.512
130	12.941	34.737	26.201	0.531
140	12.513	34.740	26.289	0.549
150	12.224	34.740	26.345	0.566
160	12.048	34.765	26.398	0.583
170	11.908	34.767	26.426	0.600
180	11.766	34.762	26.449	0.616
190	11.577	34.750	26.475	0.632
200	11.357	34.748	26.515	0.648
250	10.642	34.722	26.623	0.723
300	10.165	34.707	26.695	0.795
350	9.736	34.686	26.752	0.864
400	9.209	34.658	26.817	0.931
450	8.615	34.627	26.887	0.994
500	7.836	34.586	26.974	1.054
550	7.238	34.581	27.056	1.110
600	6.777	34.571	27.112	1.164
650	6.309	34.560	27.165	1.214
700	5.931	34.555	27.210	1.263
750	5.553	34.554	27.256	1.309
800	5.267	34.553	27.290	1.354
900	4.798	34.556	27.346	1.438
1000	4.342	34.561	27.401	1.518
1003	4.326	34.562	27.403	1.521

CAST GP2-95-DI -003 DATE 12 MAR 95 TIME 2018 GMT
 LAT 06 00.6N LONG 125 00.2W WEATHER 8 SEA STATE 4
 BAROMETER 13 WIND DIR 040 T SPD 20 KT VISIBILITY 7
 CLOUD 6 AMOUNT 7 DRY 26.7 WET 24.7 DEPTH 4455 M



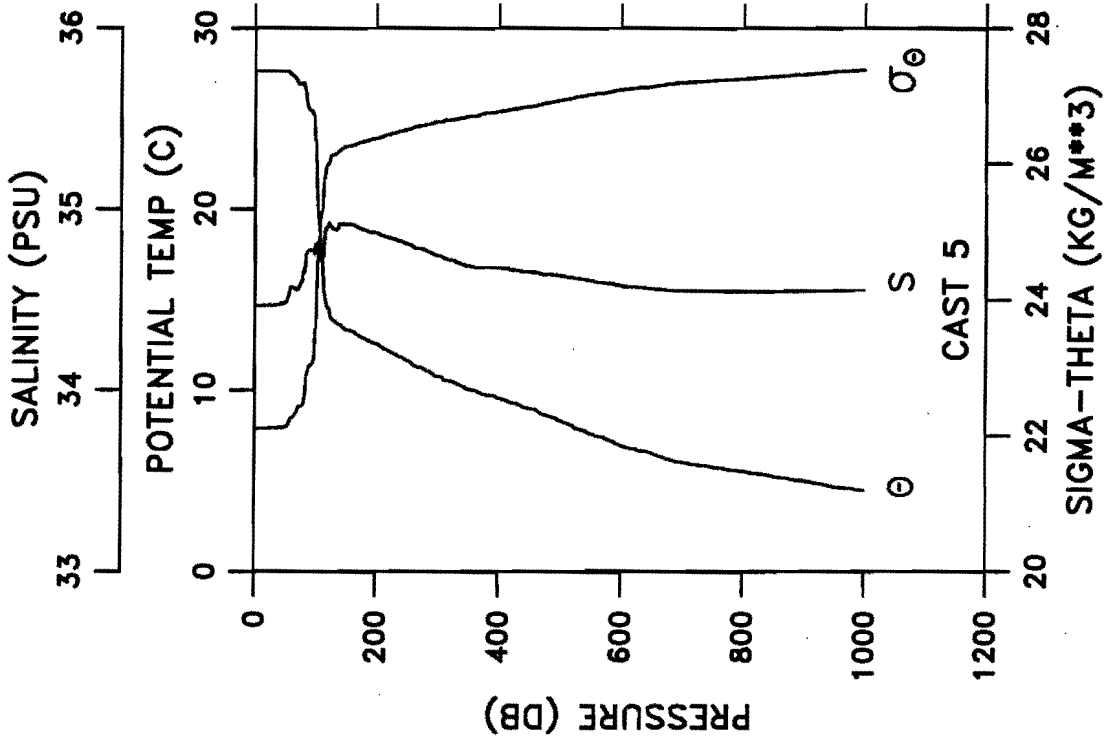
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.784	34.346	21.975	0.000
10	27.764	34.350	21.984	0.058
20	27.731	34.438	22.062	0.116
30	27.698	34.516	22.131	0.174
40	27.666	34.537	22.157	0.231
50	27.434	34.574	22.260	0.287
60	24.272	34.776	23.393	0.336
70	22.750	34.744	23.813	0.380
80	18.750	34.707	24.861	0.416
90	16.816	34.657	25.342	0.445
100	15.389	34.628	25.600	0.470
110	14.102	34.664	25.907	0.493
120	13.472	34.734	26.092	0.513
130	12.841	34.780	26.255	0.532
140	12.484	34.793	26.335	0.549
150	12.320	34.791	26.366	0.566
160	12.193	34.788	26.388	0.583
170	11.973	34.783	26.426	0.600
180	11.762	34.769	26.456	0.616
190	11.453	34.725	26.479	0.632
200	11.266	34.732	26.519	0.648
250	10.483	34.706	26.639	0.722
300	9.962	34.686	26.714	0.793
350	9.480	34.674	26.785	0.861
400	9.080	34.658	26.838	0.926
450	8.603	34.637	26.897	0.990
500	7.931	34.611	26.979	1.049
550	7.432	34.595	27.039	1.106
600	6.910	34.578	27.099	1.160
650	6.529	34.565	27.140	1.211
700	5.989	34.558	27.205	1.260
750	5.643	34.554	27.245	1.307
800	5.397	34.552	27.274	1.353
900	4.980	34.555	27.325	1.440
1000	4.576	34.560	27.374	1.522
1003	4.552	34.560	27.378	1.525

CAST GP2-95-DI -004 DATE 13 MAR 95 TIME 0332 GMT
 LAT 05 01.2N LONG 124 59.4W WEATHER 2 SEA STATE 4
 BAROMETER 12 WIND DIR 060 T SPD 12 KT VISIBILITY 9
 CLOUD 6 AMOUNT 2 DRY 27.2 WET 25.4 DEPTH 4312 M



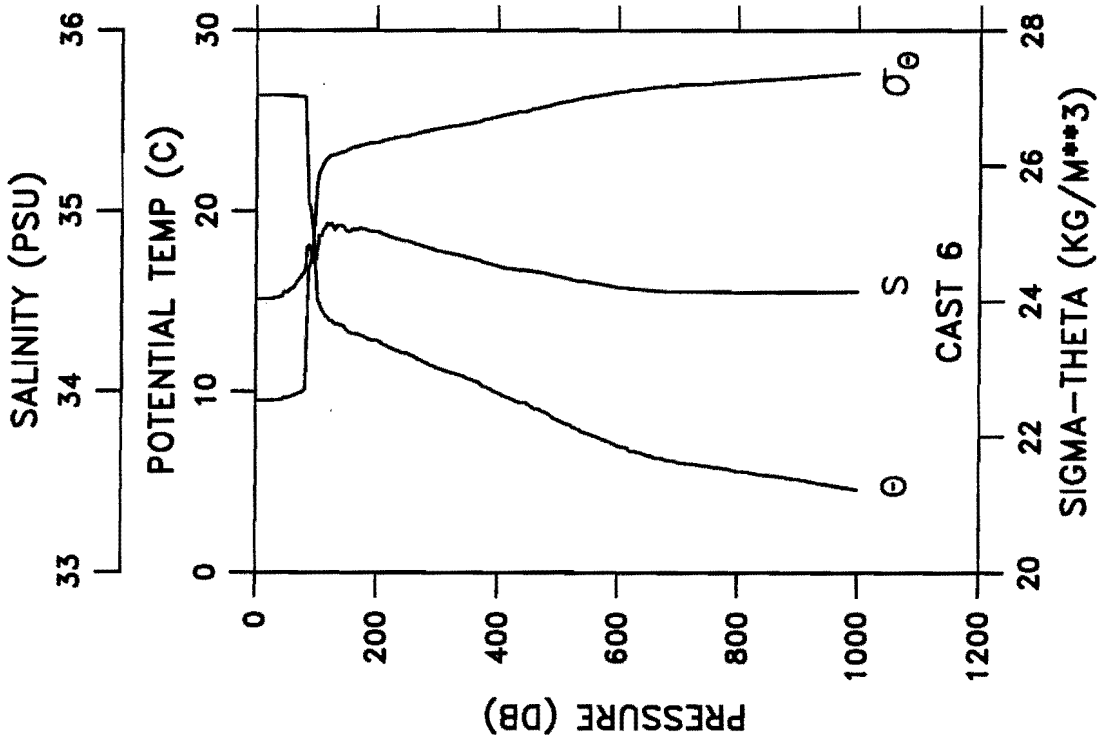
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.906	34.577	22.109	0.000
10	27.887	34.576	22.114	0.057
20	27.892	34.578	22.113	0.114
30	27.861	34.578	22.125	0.171
40	27.811	34.581	22.143	0.228
50	27.807	34.582	22.145	0.285
60	27.810	34.596	22.155	0.342
70	27.756	34.616	22.188	0.399
80	24.212	34.785	23.417	0.450
90	21.882	34.789	24.077	0.492
100	19.332	34.755	24.750	0.527
110	17.087	34.692	25.263	0.557
120	14.495	34.661	25.821	0.581
130	13.803	34.663	25.968	0.602
140	13.098	34.759	26.187	0.622
150	12.363	34.789	26.356	0.639
160	12.012	34.784	26.419	0.656
170	11.485	34.746	26.489	0.672
180	10.874	34.672	26.544	0.688
190	10.844	34.666	26.580	0.703
200	10.676	34.687	26.590	0.717
250	10.259	34.702	26.675	0.790
300	9.849	34.688	26.734	0.859
350	9.370	34.669	26.799	0.926
400	8.951	34.657	26.858	0.991
450	8.343	34.632	26.933	1.053
500	7.918	34.616	26.984	1.112
550	7.394	34.593	27.045	1.168
600	6.797	34.574	27.111	1.222
650	6.436	34.564	27.152	1.273
700	6.038	34.556	27.197	1.322
750	5.683	34.555	27.241	1.370
800	5.387	34.555	27.277	1.415
900	4.846	34.557	27.342	1.501
1000	4.415	34.562	27.394	1.581
1004	4.401	34.562	27.395	1.585

CAST GP2-95-DI -005 DATE 13 MAR 95 TIME 0841 GMT
 LAT 04 00.1N LONG 124 59.9W WEATHER 1 SEA STATE 4
 BAROMETER 13 WIND DIR 110 T SPD 13 KT VISIBILITY 8
 CLOUD 5 AMOUNT 6 DRY 27.0 WET 24.8 DEPTH 4500 M



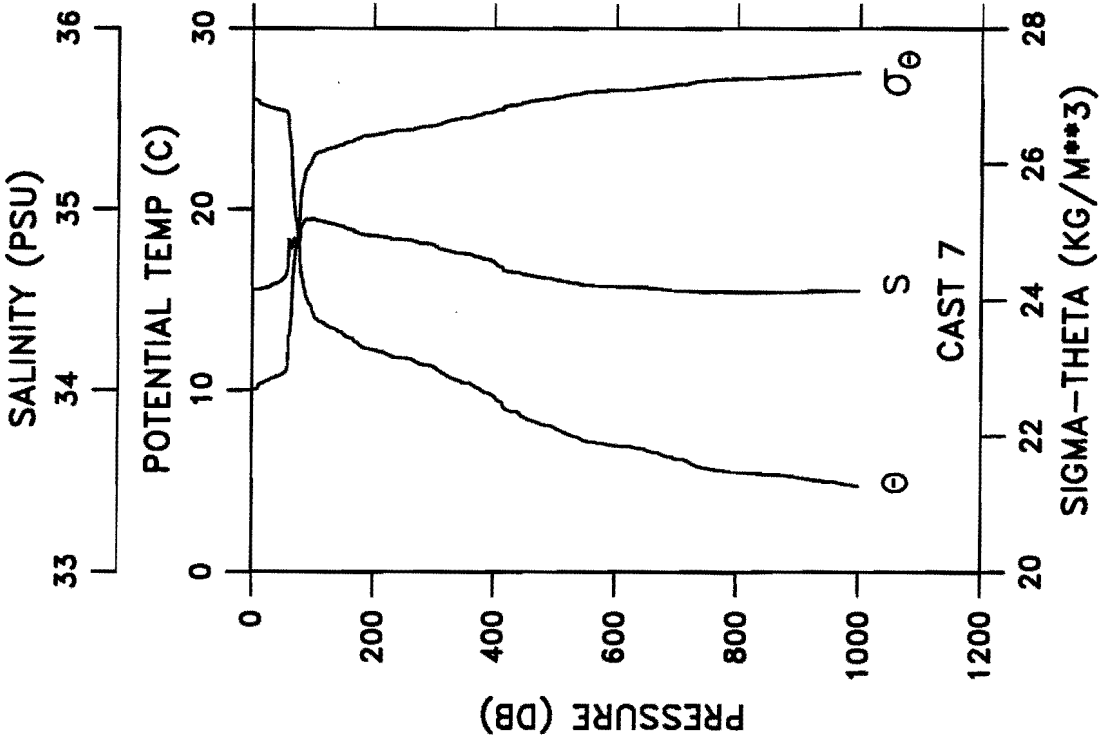
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.657	34.471	22.110	0.000
10	27.649	34.469	22.112	0.057
20	27.647	34.471	22.114	0.114
30	27.645	34.470	22.113	0.171
40	27.646	34.476	22.118	0.228
50	27.638	34.484	22.126	0.286
60	27.436	34.574	22.259	0.342
70	27.093	34.556	22.356	0.398
80	26.968	34.848	22.465	0.452
90	25.499	34.775	23.021	0.504
100	23.818	34.805	23.549	0.551
110	17.283	34.761	25.264	0.586
120	14.565	34.887	25.988	0.610
130	13.851	34.892	26.136	0.629
140	13.653	34.919	26.188	0.648
150	13.349	34.918	26.259	0.666
160	13.255	34.913	26.275	0.684
170	13.034	34.898	26.308	0.702
180	12.882	34.887	26.330	0.719
190	12.682	34.871	26.357	0.737
200	12.567	34.869	26.378	0.754
250	11.658	34.812	26.508	0.835
300	10.774	34.745	26.618	0.912
350	10.054	34.688	26.699	0.985
400	9.579	34.677	26.771	1.054
450	9.009	34.655	26.847	1.120
500	8.338	34.635	26.936	1.182
550	7.609	34.607	27.023	1.241
600	6.953	34.578	27.093	1.295
650	6.542	34.564	27.138	1.347
700	6.015	34.553	27.197	1.396
750	5.762	34.549	27.226	1.444
800	5.538	34.547	27.252	1.490
900	5.000	34.549	27.318	1.579
1000	4.488	34.556	27.383	1.661
1004	4.455	34.556	27.385	1.664

CAST GP2-95-D1 -008 DATE 13 MAR 95 TIME 1341 GMT
 LAT 03 00.2N LONG 124 59.9W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 100 T SPD 17 KT VISIBILITY 8
 CLOUD 2 AMOUNT 8 DRY 27.2 WET 23.9 DEPTH 4551 M



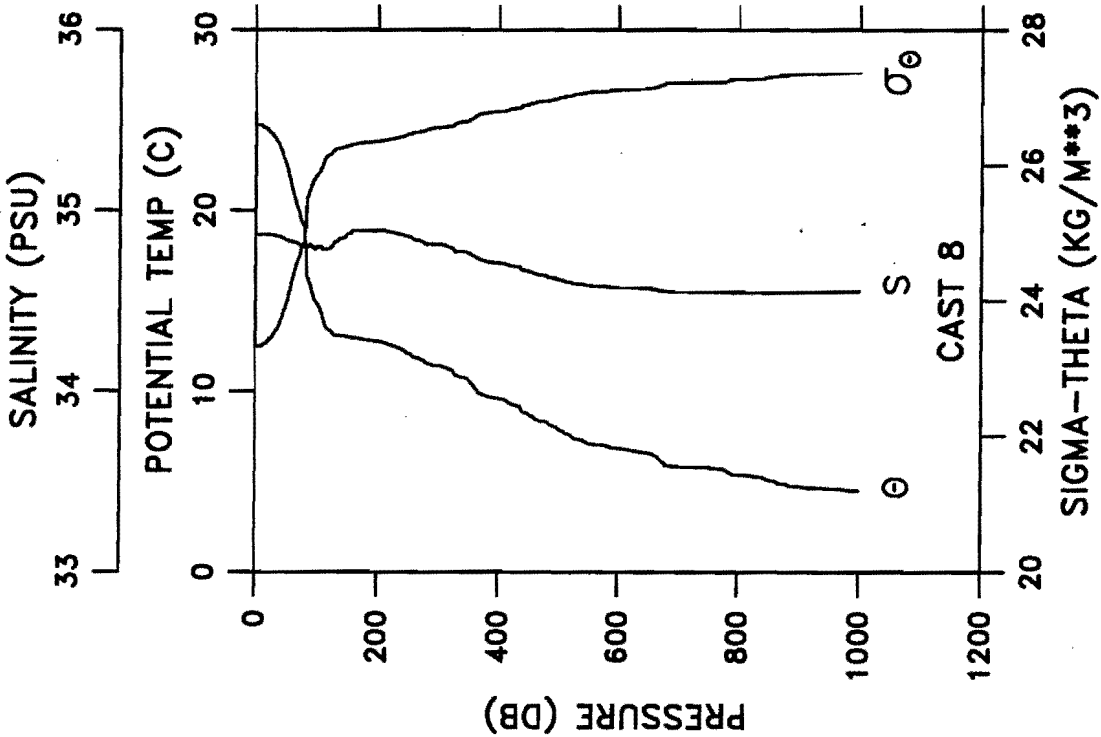
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.421	34.512	22.535	0.000
10	26.420	34.511	22.535	0.053
20	26.418	34.511	22.536	0.108
30	26.416	34.518	22.542	0.159
40	26.408	34.524	22.549	0.212
50	26.371	34.550	22.580	0.265
60	26.354	34.570	22.600	0.318
70	26.334	34.614	22.640	0.370
80	26.304	34.660	22.684	0.423
90	20.194	34.789	24.551	0.464
100	16.072	34.729	25.523	0.484
110	14.425	34.880	26.005	0.516
120	13.970	34.923	26.135	0.535
130	13.735	34.897	26.164	0.554
140	13.682	34.919	26.195	0.573
150	13.367	34.889	26.233	0.591
160	13.199	34.899	26.275	0.609
170	13.144	34.904	26.290	0.627
180	13.008	34.898	26.313	0.645
190	12.863	34.890	26.336	0.662
200	12.839	34.888	26.339	0.679
250	12.120	34.834	26.438	0.763
300	11.297	34.778	26.549	0.843
350	10.726	34.741	26.624	0.919
400	9.928	34.694	26.726	0.992
450	9.303	34.670	26.811	1.058
500	8.419	34.638	26.926	1.123
550	7.670	34.607	27.014	1.182
600	6.991	34.576	27.086	1.237
650	6.457	34.561	27.147	1.289
700	6.088	34.551	27.187	1.338
750	5.872	34.551	27.215	1.386
800	5.601	34.548	27.245	1.433
900	5.174	34.549	27.297	1.523
1000	4.591	34.554	27.368	1.608
1008	4.576	34.553	27.369	1.614

CAST 092-95-DI -007 DATE 14 MAR 95 TIME 0832 GMT
 LAT 01 54.2N LONG 125 04.6W WEATHER 0 SEA STATE 4
 BAROMETER 14 WIND DIR 070 T SPD 12 KT VISIBILITY 8
 CLOUD 1 AMOUNT 3 DRY 25.9 WET 23.3 DEPTH 4726 M



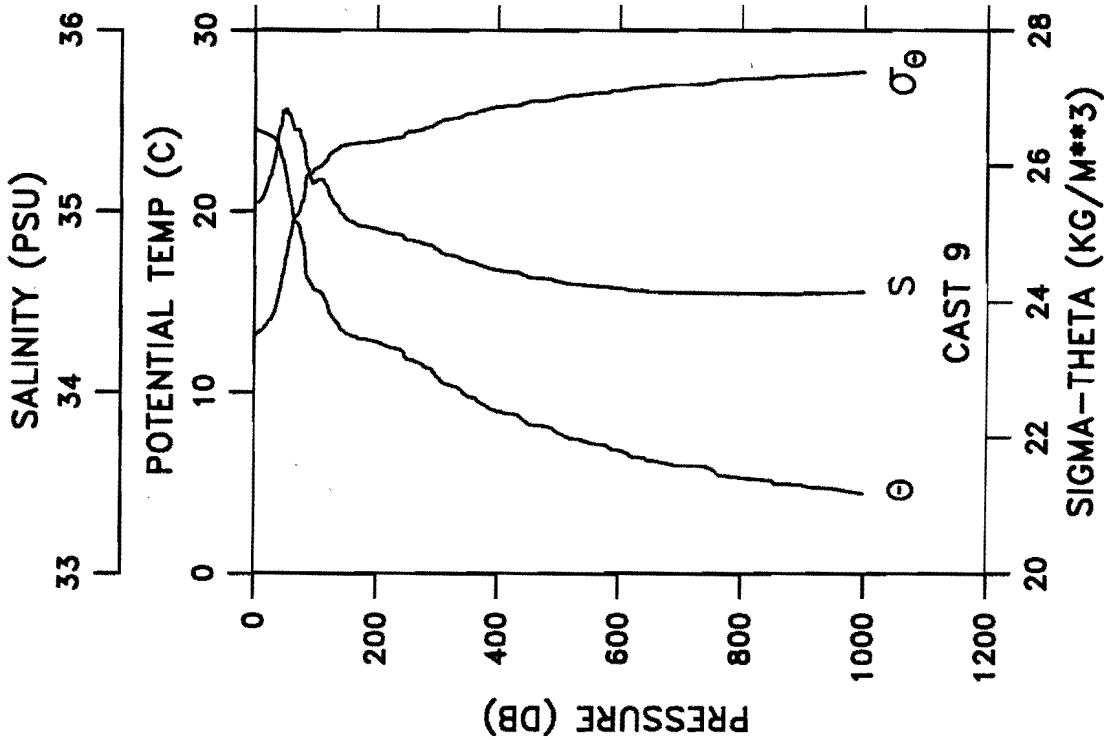
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.065	34.580	22.683	0.000
10	25.953	34.559	22.717	0.052
20	25.739	34.586	22.789	0.102
30	25.632	34.577	22.830	0.153
40	25.539	34.592	22.870	0.203
50	25.462	34.615	22.911	0.253
60	24.297	34.835	23.430	0.302
70	19.962	34.822	24.637	0.341
80	16.534	34.905	25.552	0.371
90	15.077	34.943	25.912	0.393
100	14.289	34.949	26.088	0.414
110	13.823	34.938	26.177	0.433
120	13.690	34.931	26.199	0.451
130	13.478	34.921	26.236	0.469
140	13.305	34.914	26.265	0.487
150	13.152	34.905	26.289	0.505
160	12.894	34.891	26.330	0.522
170	12.672	34.876	26.363	0.540
180	12.420	34.862	26.402	0.557
190	12.312	34.858	26.419	0.573
200	12.245	34.855	26.430	0.590
250	11.796	34.835	26.500	0.670
300	11.307	34.804	26.567	0.748
350	10.439	34.757	26.896	0.822
400	9.708	34.713	26.778	0.891
450	8.554	34.643	26.909	0.955
500	7.981	34.616	26.975	1.015
550	7.226	34.585	27.060	1.071
600	6.963	34.576	27.090	1.125
650	6.726	34.570	27.117	1.177
700	6.195	34.554	27.176	1.228
750	5.704	34.547	27.232	1.276
800	5.477	34.544	27.258	1.322
850	5.208	34.546	27.291	1.412
900	4.710	34.552	27.353	1.498
1000	3.094	34.595	27.553	1.850
1500	2.231	34.633	27.659	2.144
2000	1.691	34.660	27.724	2.396
2500	1.484	34.670	27.746	2.631
3000	1.186	34.684	27.779	2.854
3500	1.121	34.687	27.786	3.072
4000	1.108	34.687	27.786	3.261
4423				

CAST GP2-95-DI -008 DATE 14 MAR 95 TIME 1356 GMT
 LAT 00 59.7N LONG 124 54.6W WEATHER 1 SEA STATE 4
 BAROMETER 11 WIND DIR 085 T SPD 04 KT VISIBILITY 8
 CLOUD 2 AMOUNT 6 DRY 24.9 WET 23.0 DEPTH 4558 M



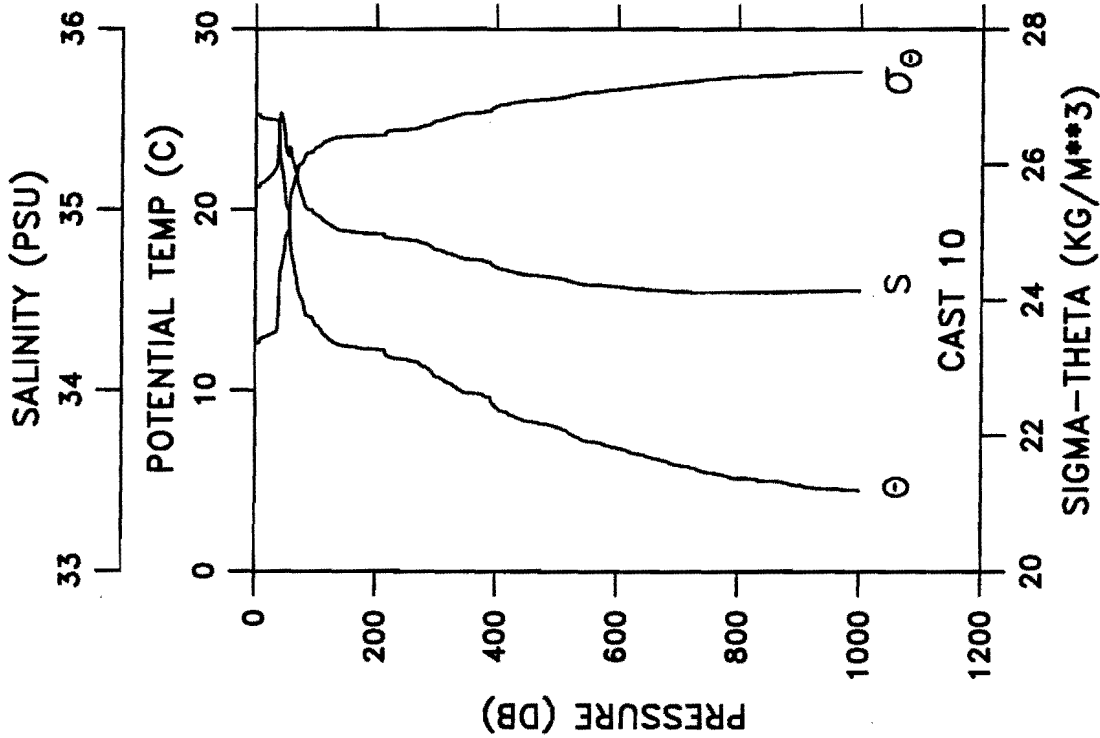
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.735	34.866	23.322	0.000
10	24.682	34.865	23.337	0.045
20	24.482	34.864	23.397	0.091
30	24.091	34.860	23.510	0.135
40	23.481	34.853	23.684	0.178
50	22.524	34.836	23.947	0.219
60	21.179	34.825	24.313	0.257
70	20.005	34.812	24.619	0.292
80	18.505	34.797	24.893	0.324
90	15.756	34.808	25.656	0.350
100	14.838	34.795	25.850	0.372
110	13.984	34.782	26.023	0.393
120	13.378	34.766	26.151	0.412
130	13.063	34.824	26.244	0.431
140	13.049	34.845	26.264	0.449
150	13.012	34.867	26.288	0.468
160	12.955	34.888	26.315	0.484
170	12.906	34.889	26.327	0.501
180	12.841	34.888	26.338	0.519
190	12.804	34.887	26.345	0.536
200	12.753	34.887	26.356	0.553
250	12.085	34.854	26.460	0.637
300	11.407	34.811	26.554	0.716
350	10.644	34.762	26.655	0.792
400	9.586	34.708	26.794	0.860
450	8.726	34.661	26.897	0.925
500	7.871	34.617	26.992	0.984
550	7.100	34.584	27.078	1.040
600	6.814	34.574	27.109	1.093
650	6.565	34.567	27.137	1.144
700	5.839	34.549	27.217	1.193
750	5.763	34.548	27.225	1.240
800	5.374	34.546	27.272	1.286
800	4.734	34.547	27.347	1.372
900	4.498	34.551	27.376	1.454
1000	4.463	34.553	27.381	1.455

CAST GP2-95-DJ -009 DATE 14 MAR 95 TIME 2242 GMT
 LAT 00 16.9S LONG 124 24.7W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 085 T SPD 04 KT VISIBILITY 8
 CLOUD 2 AMOUNT 4 DRY 27.1 WET 24.6 DEPTH 4670 M



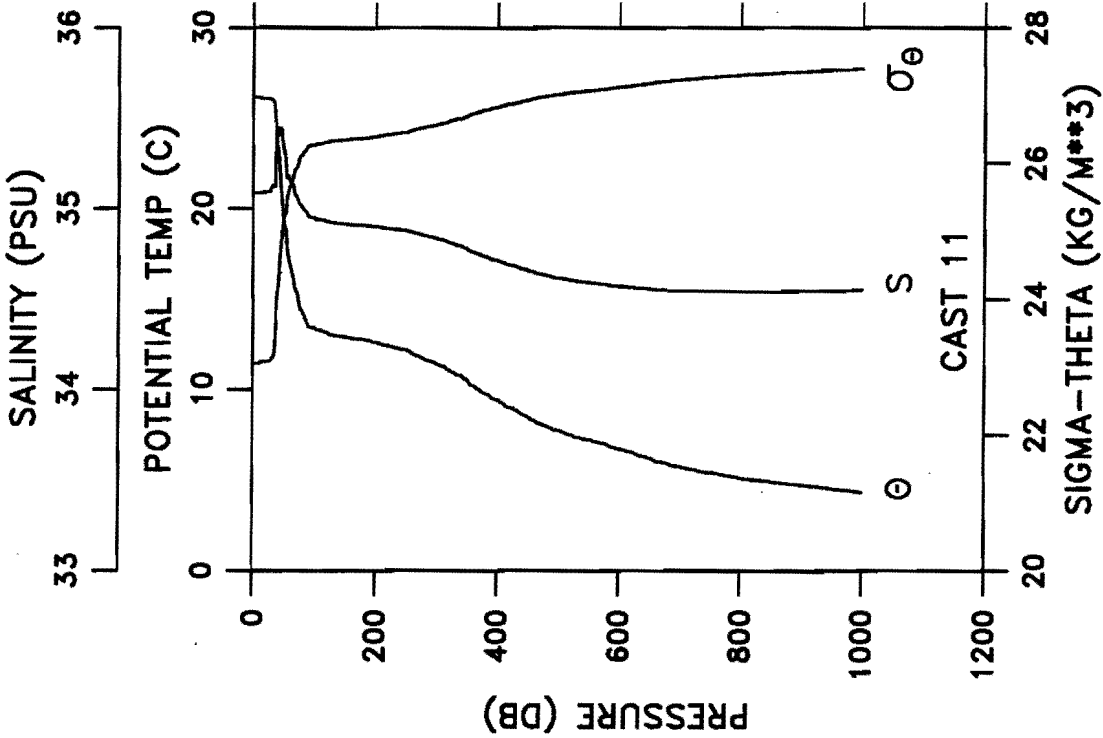
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.588	35.045	23.507	0.000
10	24.391	35.064	23.575	0.043
20	24.252	35.135	23.671	0.086
30	24.072	35.241	23.804	0.128
40	23.535	35.449	24.120	0.168
50	22.291	35.546	24.552	0.204
60	20.431	35.504	25.033	0.235
70	19.336	35.451	25.280	0.263
80	18.196	35.377	25.513	0.289
90	16.111	35.204	25.880	0.311
100	15.626	35.165	25.961	0.332
110	15.431	35.174	26.012	0.353
120	14.737	35.118	26.121	0.373
130	14.030	35.049	26.219	0.391
140	13.487	34.991	26.287	0.409
150	13.248	34.956	26.309	0.427
160	13.114	34.939	26.323	0.444
170	12.977	34.921	26.337	0.462
180	12.939	34.917	26.342	0.479
190	12.867	34.910	26.350	0.496
200	12.773	34.901	26.362	0.513
250	11.814	34.841	26.501	0.597
300	10.864	34.790	26.637	0.674
350	9.787	34.723	26.772	0.745
400	8.943	34.674	26.872	0.810
450	8.288	34.639	26.947	0.871
500	7.759	34.611	27.004	0.930
550	7.199	34.590	27.068	0.985
600	6.779	34.575	27.115	1.038
650	6.201	34.557	27.177	1.088
700	5.942	34.551	27.205	1.136
750	5.770	34.548	27.225	1.184
800	5.253	34.545	27.285	1.229
900	4.857	34.545	27.331	1.315
1000	4.409	34.554	27.388	1.397
1500	2.907	34.600	27.575	1.750
2000	2.146	34.637	27.669	2.032
2500	1.703	34.659	27.721	2.281
3000	1.468	34.670	27.748	2.515
3500	1.242	34.683	27.774	2.741
4000	1.115	34.689	27.788	2.958
4305	1.110	34.689	27.788	3.094

CAST GP2-95-D1 -010 DATE 15 MAR 95 TIME 0334 GMT
 LAT 00 59.8S LONG 124 39.6W WEATHER 6 SEA STATE 4
 BAROMETER 15 WIND DIR 110 T SPD 05 KT VISIBILITY 6
 CLOUD 7 AMOUNT 9 DRY 25.2 WET 24.0 DEPTH 4684 M



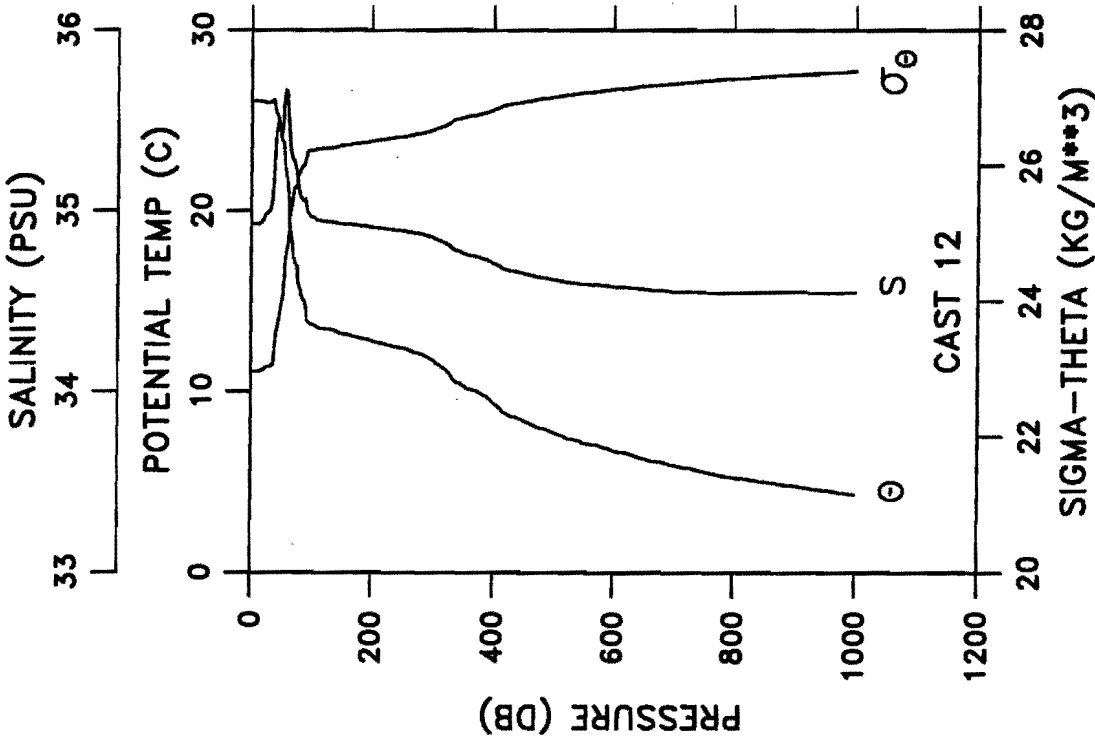
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.264	35.127	23.358	0.000
10	25.063	35.147	23.435	0.045
20	25.005	35.173	23.472	0.089
30	24.985	35.209	23.512	0.133
40	22.835	35.532	24.386	0.175
50	20.294	35.341	24.945	0.208
60	17.407	35.278	25.631	0.236
70	15.488	35.142	25.974	0.258
80	14.555	35.027	26.091	0.278
90	14.049	34.998	26.176	0.297
100	13.574	34.972	26.255	0.315
110	13.209	34.944	26.308	0.332
120	12.887	34.922	26.356	0.350
130	12.620	34.898	26.390	0.366
140	12.492	34.883	26.404	0.383
150	12.439	34.880	26.412	0.399
160	12.402	34.874	26.414	0.416
170	12.345	34.870	26.423	0.432
180	12.308	34.868	26.428	0.449
190	12.303	34.869	26.429	0.465
200	12.276	34.867	26.433	0.482
250	11.723	34.835	26.514	0.561
300	10.767	34.778	26.645	0.638
350	9.869	34.728	26.761	0.709
400	9.051	34.679	26.859	0.775
450	8.320	34.639	26.942	0.837
500	7.972	34.622	26.981	0.896
550	7.189	34.584	27.065	0.951
600	6.824	34.574	27.108	1.005
650	6.324	34.557	27.161	1.056
700	5.870	34.547	27.212	1.104
750	5.486	34.546	27.260	1.151
800	5.150	34.545	27.297	1.195
850	4.774	34.546	27.342	1.280
900	4.482	34.551	27.377	1.361
1000	4.462	34.551	27.380	1.366

CAST GP2-95-D1 -011 DATE 15 MAR 95 TIME 1104 GMT
 LAT 02 08.9S LONG 124 53.0W WEATHER 1 SEA STATE 2
 BAROMETER 11 WIND DIR 060 T SPD 04 KT VISIBILITY 7
 CLOUD 6 AMOUNT 6 DRY 25.5 WET 24.0 DEPTH 4678 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.157	35.087	23.052	0.000
10	26.132	35.086	23.059	0.048
20	26.078	35.091	23.080	0.096
30	26.026	35.111	23.111	0.144
40	23.519	35.416	24.100	0.189
50	19.495	35.342	25.156	0.222
60	16.986	35.161	25.842	0.247
70	15.481	35.071	25.921	0.270
80	14.352	35.008	26.119	0.290
90	13.581	34.982	26.246	0.308
100	13.415	34.947	26.269	0.326
110	13.280	34.937	26.288	0.344
120	13.158	34.929	26.306	0.361
130	13.021	34.921	26.328	0.378
140	12.973	34.917	26.335	0.396
150	12.929	34.915	26.342	0.413
160	12.833	34.909	26.357	0.430
170	12.795	34.907	26.363	0.447
180	12.775	34.906	26.366	0.464
190	12.713	34.903	26.378	0.481
200	12.630	34.900	26.389	0.498
250	12.222	34.880	26.454	0.580
300	11.433	34.835	26.568	0.659
350	10.542	34.779	26.686	0.733
400	9.458	34.714	26.820	0.801
450	8.537	34.660	26.925	0.864
500	7.760	34.618	27.010	0.922
550	7.238	34.593	27.065	0.977
600	6.707	34.571	27.121	1.030
650	6.212	34.557	27.176	1.080
700	5.746	34.547	27.227	1.127
750	5.409	34.543	27.265	1.173
800	5.114	34.543	27.300	1.217
900	4.730	34.544	27.345	1.302
1000	4.343	34.551	27.393	1.382
1003	4.325	34.551	27.395	1.384

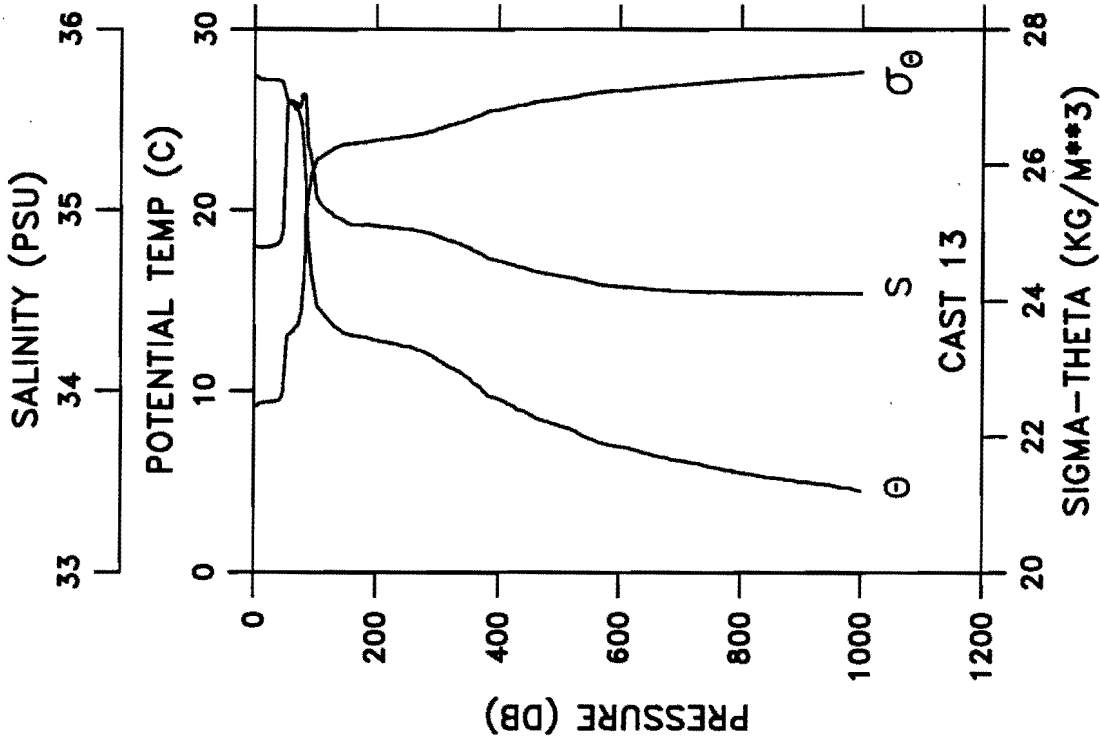
CAST GP2-95-DI -012 DATE 15 MAR 95 TIME 1520 GMT
 LAT 03 00.4S LONG 125 00.5W WEATHER 1 SEA STATE 4
 BAROMETER 20 WIND DIR 090 T SPD 10 KT VISIBILITY 8
 CLOUD 2 AMOUNT 9 DRY 26.2 WET 24.7 DEPTH 4537 M



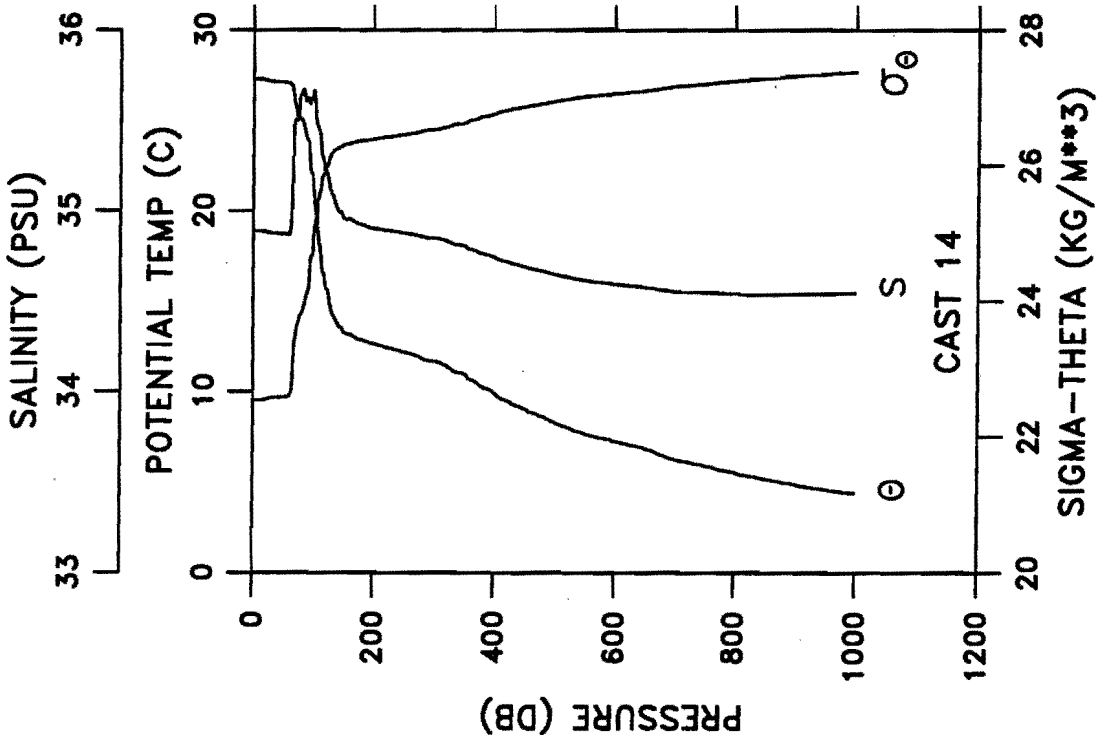
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.067	34.926	22.958	0.000
10	26.069	34.928	22.959	0.049
20	26.037	34.946	22.983	0.098
30	26.002	34.989	23.034	0.146
40	25.570	35.365	23.445	0.194
50	24.010	35.415	23.954	0.236
60	21.597	35.605	24.791	0.272
70	17.472	35.281	25.617	0.299
80	15.743	35.108	25.890	0.322
90	14.758	35.063	26.074	0.342
100	13.699	34.967	26.226	0.361
110	13.537	34.949	26.245	0.379
120	13.463	34.943	26.255	0.397
130	13.426	34.940	26.260	0.415
140	13.332	34.934	26.275	0.433
150	13.190	34.929	26.300	0.450
160	13.154	34.925	26.304	0.468
170	13.050	34.923	26.324	0.485
180	12.981	34.918	26.338	0.503
190	12.900	34.916	26.348	0.520
200	12.800	34.910	26.364	0.537
250	12.401	34.890	26.427	0.621
300	11.738	34.853	26.525	0.702
350	10.362	34.788	26.709	0.777
400	9.363	34.710	26.832	0.845
450	8.407	34.654	26.941	0.906
500	7.754	34.620	27.013	0.964
550	7.155	34.595	27.078	1.019
600	6.711	34.580	27.128	1.071
650	6.293	34.569	27.174	1.122
700	5.927	34.554	27.209	1.170
750	5.569	34.551	27.252	1.216
800	5.242	34.544	27.286	1.261
900	4.802	34.550	27.341	1.347
1000	4.314	34.549	27.394	1.427
1000	4.314	34.549	27.394	1.427

CAST GP2-95-DI -013 DATE 15 MAR 95 TIME 2025 GMT
 LAT 04 00.1S LONG 125 00.9W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 090 T SPD 17 KT VISIBILITY 8
 CLOUD 2 AMOUNT 8 DRY 28.3 WET 25.0 DEPTH 4490 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.388	34.800	22.444	0.000
10	27.231	34.795	22.492	0.054
20	27.199	34.798	22.503	0.107
30	27.182	34.801	22.508	0.161
40	27.165	34.817	22.529	0.214
50	26.828	35.132	22.938	0.266
60	25.867	35.601	23.531	0.311
70	25.538	35.589	23.623	0.355
80	23.897	35.637	24.156	0.396
90	17.750	35.339	25.595	0.427
100	15.339	35.143	26.008	0.448
110	14.445	35.031	26.117	0.468
120	14.048	34.898	26.177	0.487
130	13.634	34.970	26.241	0.505
140	13.396	34.952	26.276	0.523
150	13.176	34.934	26.307	0.541
160	13.080	34.919	26.315	0.558
170	13.004	34.918	26.329	0.576
180	12.983	34.919	26.334	0.593
190	12.907	34.917	26.348	0.610
200	12.795	34.911	26.366	0.627
250	12.448	34.894	26.420	0.712
300	11.721	34.855	26.530	0.793
350	10.741	34.794	26.662	0.889
400	9.555	34.721	26.809	0.938
450	8.757	34.674	26.902	1.001
500	8.106	34.638	26.974	1.061
550	7.408	34.605	27.050	1.118
600	6.953	34.581	27.095	1.172
650	6.539	34.566	27.140	1.223
700	6.181	34.556	27.179	1.273
750	5.828	34.550	27.219	1.322
800	5.496	34.544	27.255	1.368
800	4.998	34.541	27.312	1.457
1000	4.513	34.543	27.368	1.541
1021	4.442	34.543	27.376	1.558

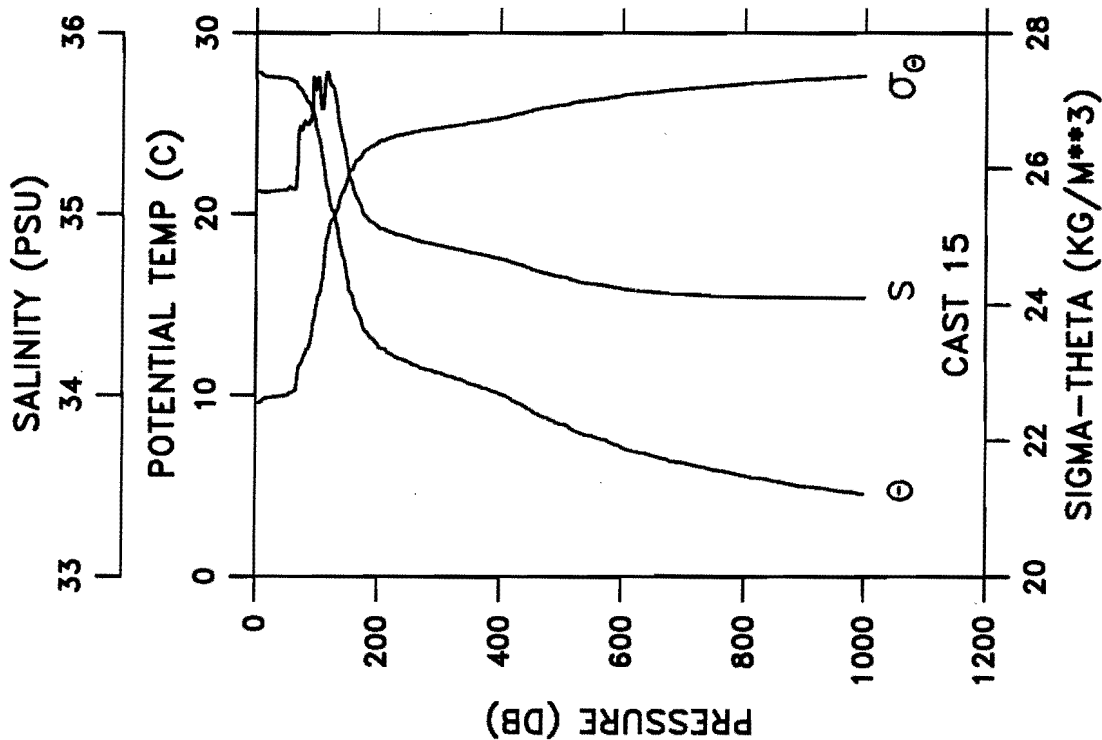


CAST GP2-95-DI -014 DATE 16 MAR 95 TIME 0736 GMT
 LAT 04 59.8S LONG 124 59.2W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 100 T SPD 11 KT VISIBILITY 7
 CLOUD 2 AMOUNT 8 DRY 27.1 WET 23.8 DEPTH 4397 M



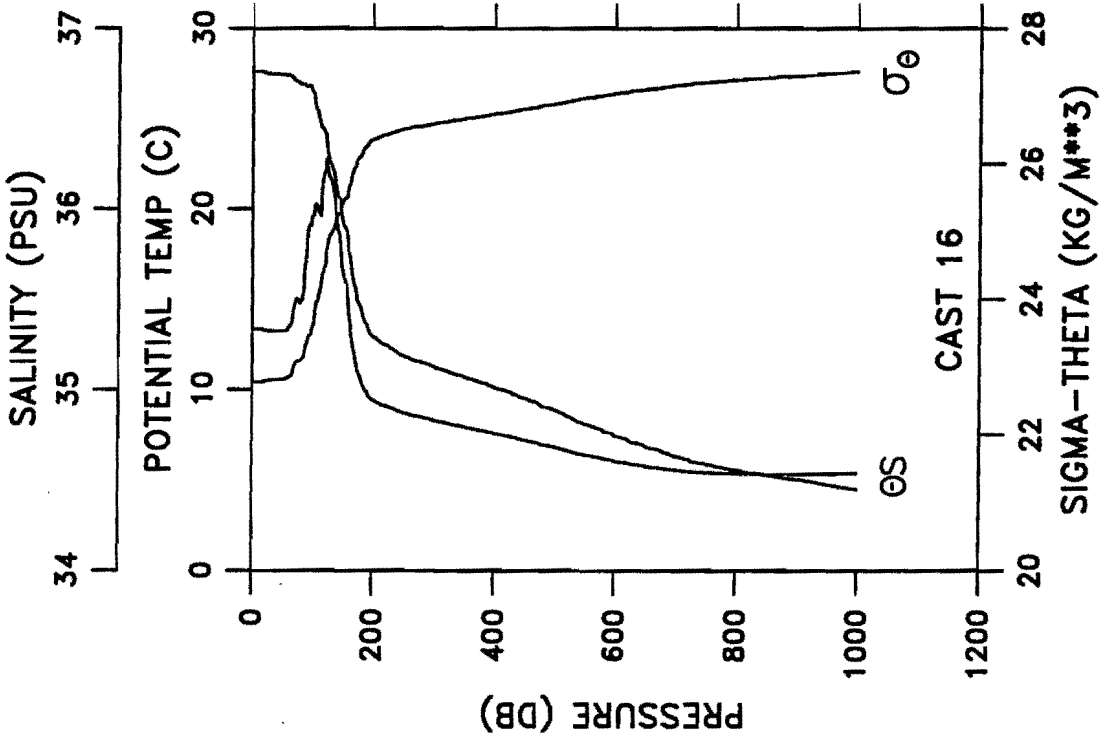
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.291	34.887	22.542	0.000
10	27.287	34.886	22.542	0.053
20	27.270	34.884	22.546	0.106
30	27.152	34.878	22.579	0.159
40	27.137	34.875	22.582	0.211
50	27.117	34.874	22.587	0.264
60	27.061	34.867	22.601	0.317
70	25.798	35.502	23.477	0.366
80	25.063	35.651	23.816	0.408
90	23.926	35.626	24.139	0.448
100	21.146	35.668	24.962	0.483
110	18.064	35.436	25.591	0.510
120	15.718	35.229	25.989	0.532
130	14.365	35.097	26.185	0.552
140	13.736	35.007	26.248	0.570
150	13.271	34.961	26.308	0.588
160	13.161	34.956	26.327	0.605
170	12.957	34.935	26.352	0.622
180	12.838	34.923	26.366	0.639
190	12.737	34.912	26.378	0.656
200	12.838	34.903	26.390	0.673
250	12.179	34.876	26.459	0.756
300	11.679	34.849	26.533	0.836
350	10.980	34.806	26.628	0.912
400	9.937	34.744	26.763	0.983
450	9.063	34.692	26.868	1.049
500	8.323	34.649	26.950	1.110
550	7.673	34.615	27.020	1.168
600	7.239	34.594	27.065	1.224
650	6.840	34.576	27.107	1.278
700	6.258	34.553	27.167	1.328
750	5.903	34.547	27.207	1.377
800	5.538	34.542	27.248	1.424
900	4.877	34.539	27.324	1.513
1000	4.406	34.542	27.379	1.595
1500	2.972	34.594	27.563	1.847
2000	2.172	34.632	27.663	2.233
2500	1.730	34.659	27.720	2.485
3000	1.470	34.673	27.750	2.720
3500	1.246	34.683	27.774	2.945
4000	1.115	34.689	27.788	3.163
4002	1.115	34.689	27.788	3.163

CAST GP2-95-DI -015 DATE 17 MAR 95 TIME 0129 GMT
 LAT 05 59.9S LONG 124 59.7W WEATHER 1 SEA STATE 4
 BAROMETER 07 WIND DIR 090 T SPD 10 KT VISIBILITY 7
 CLOUD 2 AMOUNT 9 DRY 27.9 WET 24.2 DEPTH 4805 M



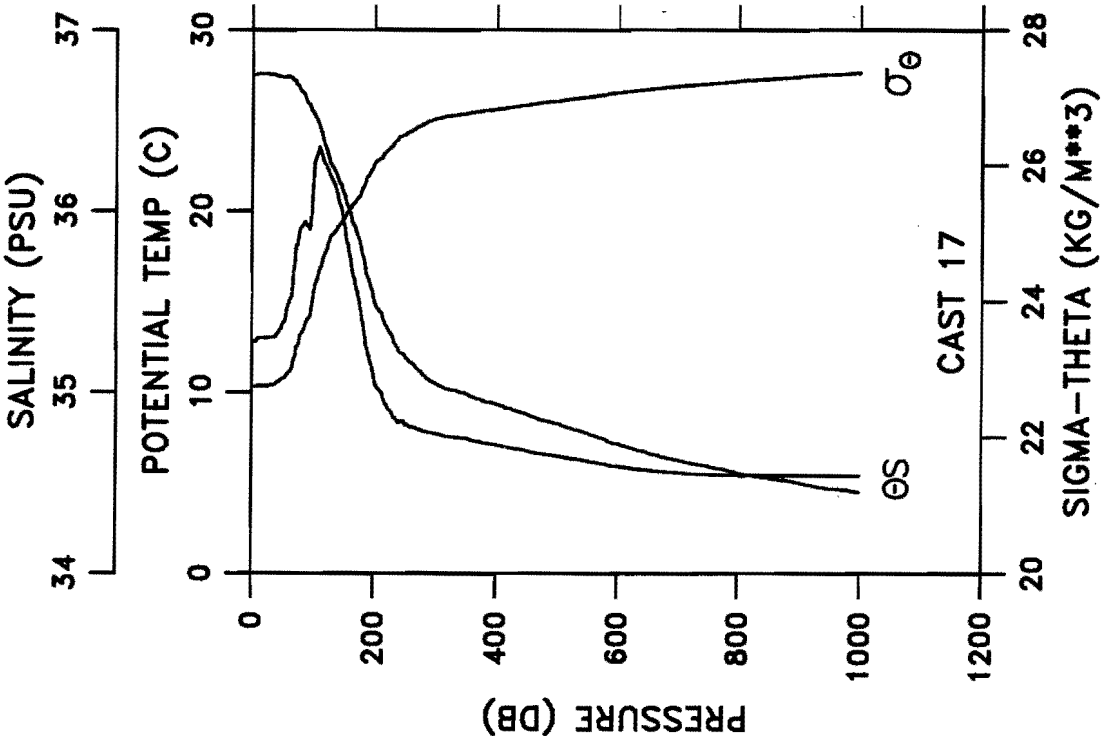
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.828	35.128	22.549	0.000
10	27.747	35.123	22.572	0.053
20	27.579	35.121	22.625	0.105
30	27.545	35.125	22.639	0.157
40	27.517	35.130	22.652	0.209
50	27.493	35.132	22.661	0.261
60	27.354	35.135	22.708	0.313
70	26.931	35.462	23.090	0.364
80	26.512	35.512	23.261	0.411
90	25.911	35.511	23.448	0.457
100	24.628	35.706	23.990	0.499
110	22.934	35.580	24.394	0.536
120	20.750	35.735	25.123	0.568
130	19.654	35.639	25.342	0.595
140	17.944	35.437	25.622	0.621
150	16.386	35.265	25.863	0.644
160	15.233	35.131	26.022	0.665
170	14.371	35.058	26.154	0.684
180	13.526	34.987	26.276	0.703
190	13.146	34.956	26.330	0.720
200	12.788	34.929	26.381	0.738
250	11.834	34.871	26.521	0.818
300	11.230	34.828	26.600	0.895
350	10.636	34.789	26.677	0.969
400	10.079	34.754	26.747	1.039
450	9.222	34.702	26.849	1.106
500	8.425	34.654	26.938	1.168
550	7.784	34.618	27.009	1.226
600	7.096	34.589	27.082	1.282
650	6.646	34.571	27.129	1.334
700	6.261	34.559	27.171	1.385
750	5.853	34.549	27.215	1.433
800	5.533	34.543	27.250	1.480
800	4.950	34.538	27.315	1.569
1000	4.530	34.542	27.365	1.653
1006	4.512	34.542	27.367	1.658

CAST GP2-95-DI -016 DATE 17 MAR 95 TIME 0614 GMT
 LAT 07 00.0S LONG 124 59.9W WEATHER 1 SEA STATE 4
 BAROMETER 11 WIND DIR 090 T SPD 11 KT VISIBILITY 7
 CLOUD 3 AMOUNT 8 DRY 27.2 WET 23.8 DEPTH 4739 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.605	35.333	22.776	0.000
10	27.605	35.333	22.776	0.051
20	27.554	35.327	22.788	0.101
30	27.486	35.323	22.807	0.152
40	27.473	35.323	22.811	0.203
50	27.458	35.322	22.815	0.253
60	27.399	35.347	22.853	0.304
70	27.112	35.461	23.031	0.353
80	26.839	35.484	23.104	0.401
90	26.795	35.741	23.343	0.448
100	26.503	35.959	23.601	0.483
110	25.130	35.982	24.046	0.534
120	24.273	36.200	24.470	0.571
130	22.524	36.166	24.957	0.603
140	21.081	35.944	25.192	0.633
150	19.387	35.664	25.430	0.660
160	17.927	35.439	25.628	0.685
170	15.769	35.183	25.942	0.708
180	14.613	35.061	26.104	0.728
190	13.633	34.989	26.256	0.747
200	12.954	34.944	26.360	0.764
250	11.881	34.873	26.514	0.846
300	11.286	34.832	26.593	0.923
350	10.738	34.795	26.663	0.997
400	10.124	34.757	26.741	1.068
450	9.528	34.720	26.813	1.136
500	8.892	34.682	26.887	1.201
550	8.089	34.638	26.976	1.262
600	7.438	34.604	27.045	1.319
650	6.880	34.576	27.101	1.373
700	6.306	34.555	27.161	1.425
750	5.870	34.540	27.206	1.474
800	5.564	34.536	27.241	1.521
850	5.036	34.533	27.301	1.610
900	4.488	34.536	27.365	1.695
1000	4.479	34.536	27.366	1.697

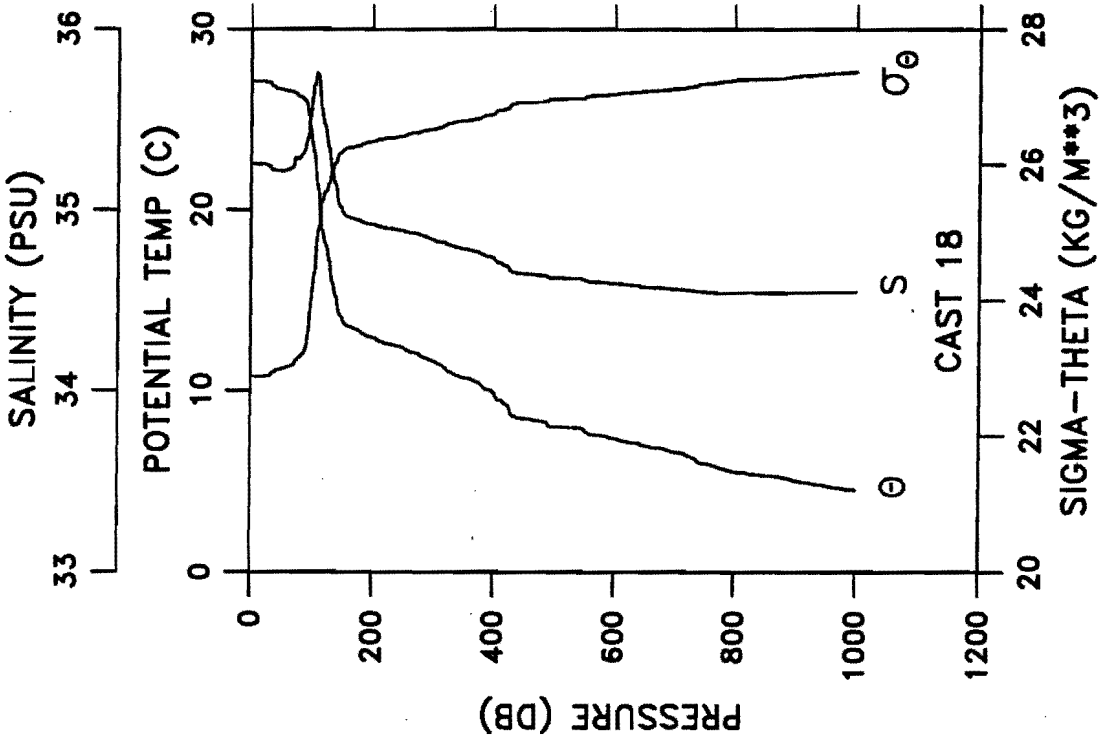
CAST GP2-95-D1 -017 DATE 17 MAR 95 TIME 1151 GMT
 LAT 07 58.7S LONG 124 59.8W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 065 T SPD 12 KT VISIBILITY 7
 CLOUD 2 AMOUNT 8 DRY 28.9 WET 23.5 DEPTH 4529 M



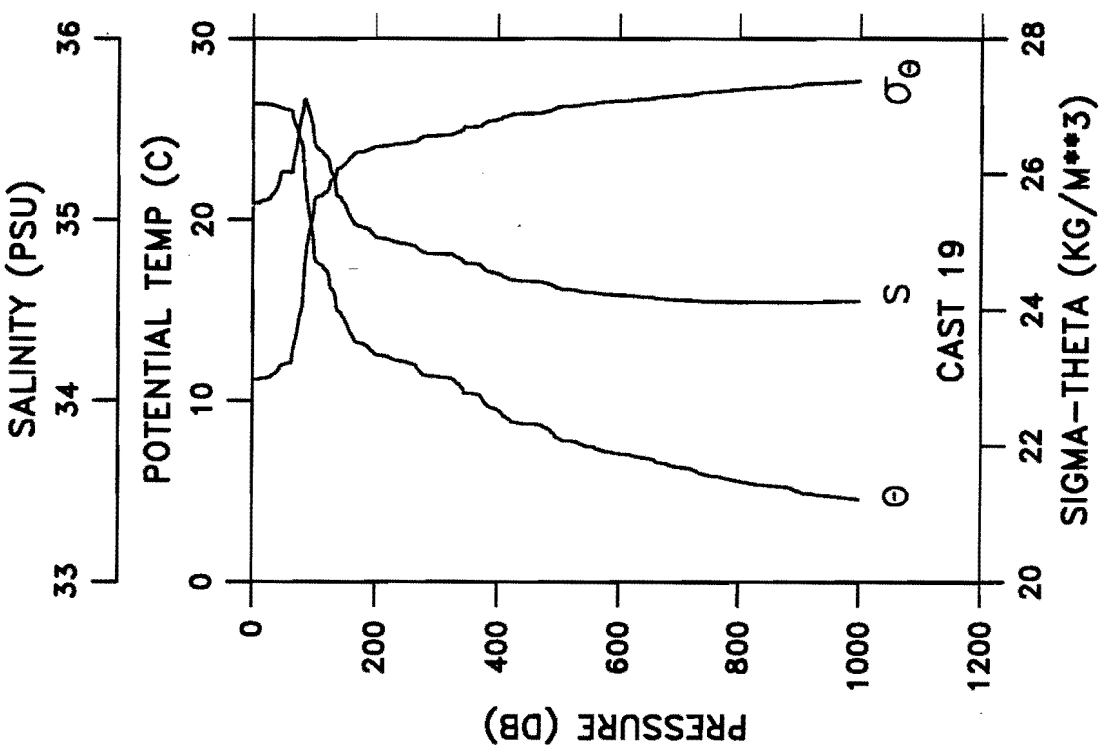
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.551	35.280	22.754	0.000
10	27.571	35.296	22.759	0.051
20	27.576	35.298	22.759	0.102
30	27.554	35.301	22.768	0.153
40	27.484	35.316	22.802	0.204
50	27.409	35.375	22.871	0.254
60	27.414	35.483	22.951	0.304
70	27.204	35.688	23.180	0.352
80	26.660	35.907	23.512	0.398
90	26.031	35.925	23.724	0.441
100	25.519	36.131	24.038	0.482
110	24.736	36.353	24.446	0.519
120	23.617	36.260	24.711	0.553
130	22.522	36.181	24.969	0.584
140	21.853	36.088	25.088	0.614
150	20.987	35.939	25.214	0.643
160	19.959	35.757	25.352	0.670
170	18.947	35.579	25.479	0.696
180	17.733	35.396	25.642	0.721
190	16.255	35.211	25.852	0.744
200	15.055	35.070	26.015	0.766
250	11.995	34.825	26.455	0.857
300	10.478	34.770	26.690	0.932
350	9.922	34.743	26.765	1.001
400	9.354	34.707	26.832	1.067
450	8.788	34.673	26.896	1.130
500	8.260	34.645	26.956	1.191
550	7.726	34.617	27.014	1.249
600	7.131	34.588	27.076	1.304
650	6.609	34.567	27.131	1.356
700	6.222	34.554	27.172	1.407
750	5.883	34.545	27.208	1.455
800	5.493	34.537	27.250	1.502
900	4.958	34.536	27.312	1.592
1000	4.478	34.539	27.369	1.675
1500	2.875	34.592	27.571	2.027
2000	2.164	34.634	27.685	2.311
2500	1.732	34.661	27.721	2.562
3000	1.524	34.673	27.746	2.798
3500	1.288	34.682	27.770	3.026
4000	1.107	34.690	27.789	3.247
4303	1.086	34.690	27.790	3.390

CAST GP2-95-DI -018 DATE 20 MAR 95 TIME 1324 GMT
 LAT 02 01.9S LONG 139 58.4W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 045 T SPD 13 KT VISIBILITY 9
 CLOUD 4 AMOUNT 7 DRY 26.9 WET 24.5 DEPTH 4274 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.122	35.257	22.874	0.000
10	27.124	35.255	22.873	0.050
20	27.120	35.256	22.875	0.100
30	27.058	35.245	22.886	0.149
40	26.788	35.220	22.959	0.199
50	26.672	35.216	22.987	0.248
60	26.593	35.222	23.016	0.297
70	26.526	35.243	23.053	0.345
80	26.280	35.286	23.160	0.393
90	26.019	35.349	23.293	0.440
100	23.885	35.601	24.132	0.483
110	21.233	35.749	25.002	0.517
120	18.419	35.480	25.537	0.544
130	16.877	35.296	25.772	0.568
140	15.161	35.130	26.037	0.589
150	13.959	34.896	26.193	0.608
160	13.548	34.960	26.251	0.626
170	13.408	34.950	26.272	0.644
180	13.247	34.937	26.295	0.662
190	13.019	34.924	26.331	0.679
200	12.919	34.918	26.346	0.697
250	12.386	34.885	26.426	0.781
300	11.627	34.834	26.531	0.862
350	10.740	34.786	26.656	0.937
400	9.928	34.735	26.758	1.008
450	8.482	34.649	26.824	1.071
500	8.038	34.626	26.975	1.131
550	7.862	34.615	26.992	1.189
600	7.364	34.594	27.046	1.246
650	6.973	34.574	27.088	1.300
700	6.616	34.563	27.127	1.353
750	5.974	34.547	27.198	1.403
800	5.524	34.542	27.250	1.451
800	5.041	34.540	27.306	1.541
1000	4.501	34.547	27.373	1.624
1003	4.469	34.548	27.377	1.627



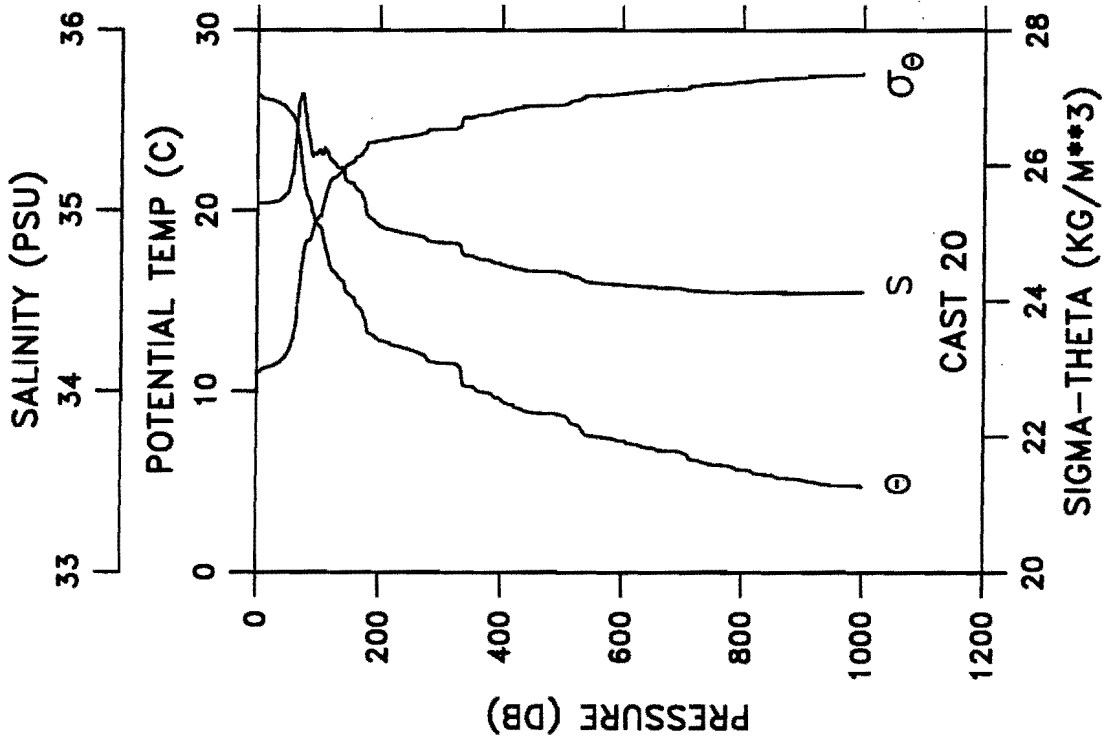
CAST GP2-95-DI -019 DATE 20 MAR 95 TIME 1931 GMT
 LAT 01 01.25 LONG 140 00.2W WEATHER 2 SEA STATE 4
 BAROMETER 14 WIND DIR 060 T SPD 17 KT VISIBILITY 9
 CLOUD 4 AMOUNT 0 DRY 27.2 WET 24.8 DEPTH 4275 M



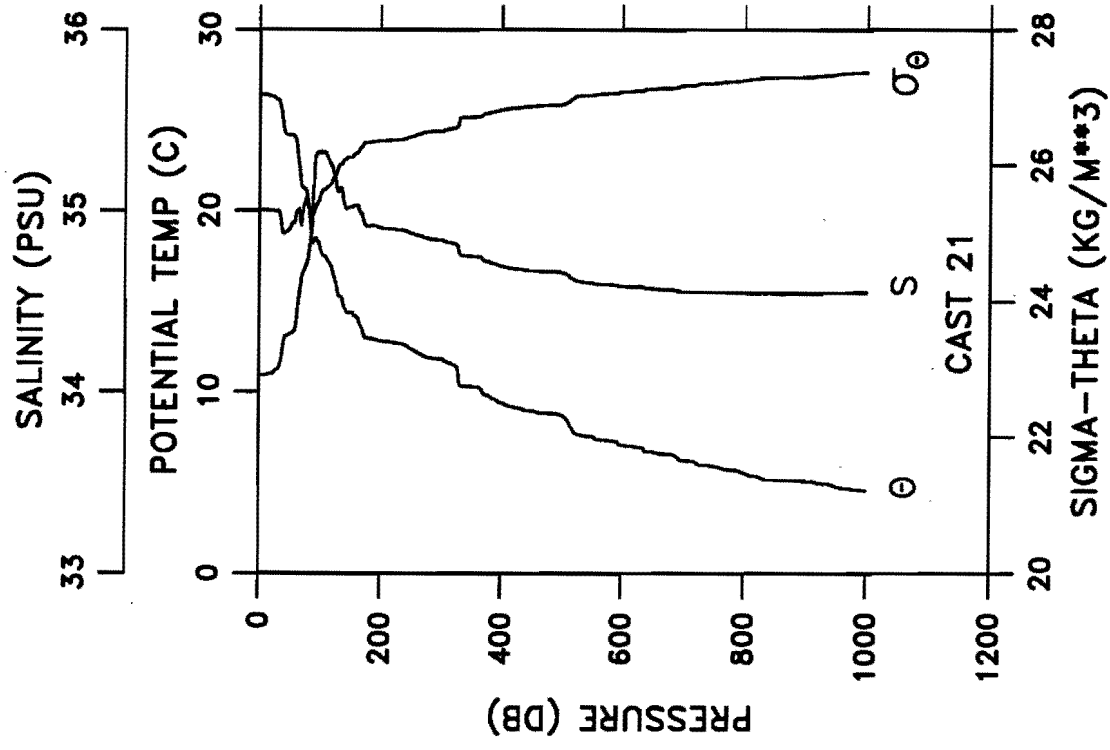
PRES (DB)	POT TEMP (C)	SAL (FSU)	SIG-TH	DELTA-D (DYN-M)
0	26.412	35.093	22.976	0.000
10	26.391	35.097	22.986	0.049
20	26.374	35.106	22.998	0.097
30	26.322	35.134	23.036	0.146
40	26.242	35.180	23.095	0.194
50	26.112	35.266	23.201	0.241
60	26.035	35.261	23.221	0.288
70	25.107	35.388	23.604	0.333
80	24.099	35.587	24.058	0.374
90	20.529	35.605	25.084	0.407
100	17.886	35.425	25.827	0.434
110	17.507	35.379	25.984	0.457
120	17.149	35.346	25.745	0.481
130	16.056	35.246	25.925	0.502
140	14.928	35.129	26.088	0.523
150	14.454	35.082	26.155	0.542
160	13.689	35.005	26.256	0.560
170	13.212	34.985	26.324	0.578
180	13.155	34.957	26.329	0.595
190	12.911	34.942	26.367	0.613
200	12.564	34.905	26.406	0.629
250	12.162	34.866	26.455	0.712
300	11.330	34.811	26.568	0.791
350	10.391	34.759	26.696	0.866
400	9.492	34.701	26.804	0.935
450	8.737	34.660	26.894	0.998
500	7.924	34.622	26.988	1.059
550	7.475	34.589	27.036	1.115
600	7.074	34.582	27.080	1.170
650	6.796	34.572	27.110	1.223
700	6.515	34.556	27.161	1.274
750	5.863	34.546	27.211	1.323
800	5.549	34.544	27.249	1.370
900	4.996	34.542	27.313	1.459
1000	4.533	34.551	27.373	1.542
1032	4.368	34.554	27.393	1.567

CAST GP2-95-DI -020 DATE 20 MAR 95 TIME 2217 GMT
 LAT 00 30.2S LONG 139 59.5W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 090 T SPD 13 KT VISIBILITY 8
 CLOUD 3 AMOUNT 3 DRY 29.0 WET 25.0 DEPTH 4280 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-D (DYN-M)
0	26.381	35.040	22.947	0.000
10	26.220	35.040	22.997	0.049
20	26.145	35.043	23.022	0.097
30	26.030	35.048	23.063	0.146
40	25.869	35.065	23.125	0.194
50	25.583	35.097	23.238	0.241
60	25.112	35.256	23.502	0.286
70	23.466	35.622	24.271	0.327
80	21.103	35.517	24.861	0.360
90	19.969	35.309	25.007	0.391
100	19.179	35.332	25.230	0.419
110	18.207	35.345	25.486	0.448
120	16.807	35.281	25.777	0.470
130	16.439	35.242	25.833	0.482
140	16.074	35.232	25.910	0.514
150	15.347	35.156	26.016	0.535
160	14.915	35.130	26.092	0.555
170	14.479	35.098	26.161	0.574
180	13.296	34.980	26.319	0.593
190	13.063	34.948	26.340	0.610
200	12.797	34.914	26.367	0.627
250	12.285	34.870	26.434	0.711
300	11.556	34.822	26.535	0.791
350	10.276	34.749	26.709	0.867
400	9.508	34.702	26.802	0.935
450	8.845	34.666	26.882	1.000
500	8.684	34.658	26.900	1.062
550	7.525	34.601	27.031	1.121
600	7.258	34.590	27.060	1.176
650	6.868	34.578	27.105	1.230
700	6.622	34.568	27.129	1.282
750	5.868	34.548	27.200	1.332
800	5.664	34.547	27.237	1.378
900	5.109	34.543	27.301	1.469
1000	4.706	34.548	27.350	1.554
1008	4.656	34.549	27.357	1.560

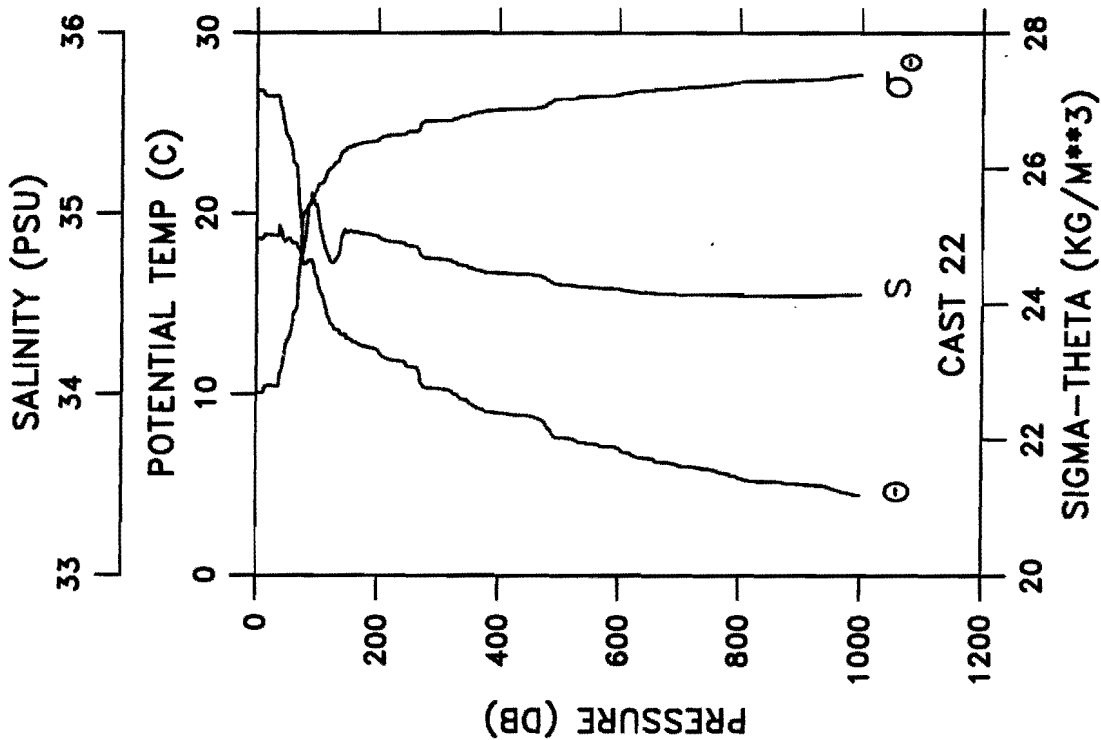


CAST GP2-95-DI -021 DATE 21 MAR 95 TIME 0816 GMT
 LAT 00 00.0N LONG 139 59.0W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 075 T SPD 13 KT VISIBILITY 9
 CLOUD 4 AMOUNT 8 DRY 26.4 WET 24.0 DEPTH 4322 M



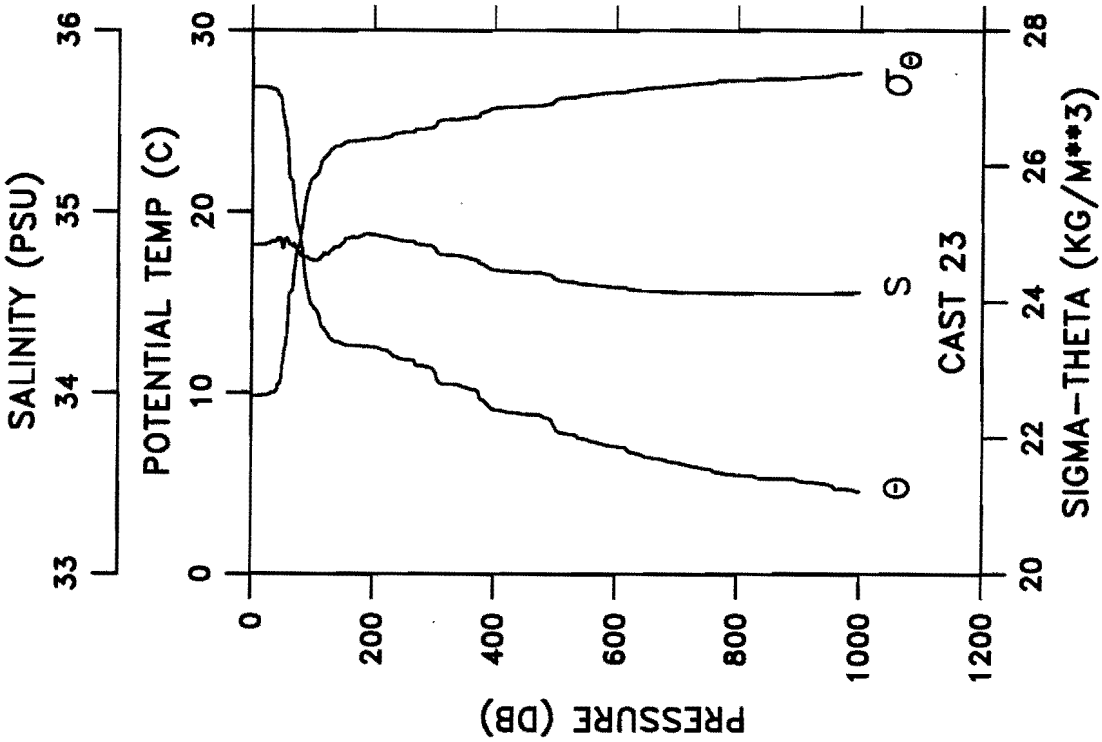
PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-D (DYN-M)
0	26.411	35.005	22.910	0.000
10	26.407	35.004	22.911	0.049
20	26.327	35.002	22.934	0.098
30	26.120	35.000	22.998	0.148
40	24.487	34.874	23.403	0.195
50	24.171	34.901	23.517	0.239
60	23.998	34.967	23.619	0.283
70	21.342	34.952	24.365	0.322
80	20.573	35.015	24.622	0.357
90	18.335	35.141	25.298	0.387
100	17.935	35.316	25.531	0.413
110	17.430	35.313	25.652	0.438
120	16.668	35.247	25.783	0.460
130	15.317	35.102	25.981	0.481
140	14.648	35.035	26.076	0.502
150	14.388	35.019	26.121	0.521
160	14.153	35.029	26.178	0.540
170	13.378	34.983	26.288	0.558
180	12.958	34.912	26.334	0.576
190	12.883	34.915	26.351	0.593
200	12.802	34.904	26.359	0.610
250	12.383	34.876	26.420	0.695
300	11.809	34.838	26.500	0.776
350	10.276	34.749	26.709	0.851
400	9.402	34.695	26.814	0.919
450	8.956	34.670	26.868	0.984
500	8.730	34.659	26.895	1.046
550	7.528	34.603	27.031	1.104
600	7.062	34.584	27.083	1.159
650	6.696	34.571	27.123	1.212
700	6.224	34.556	27.173	1.263
750	5.910	34.551	27.210	1.312
800	5.537	34.548	27.254	1.358
900	5.085	34.544	27.304	1.446
1000	4.545	34.550	27.370	1.530
1500	2.990	34.599	27.566	1.883
2000	2.097	34.640	27.676	2.170
2500	1.702	34.660	27.722	2.416
3000	1.469	34.670	27.748	2.650
3500	1.235	34.684	27.776	2.876
4000	1.085	34.691	27.792	3.082
4106	1.082	34.691	27.792	3.138

CAST GP2-95-D1 -022 DATE 22 MAR 95 TIME 0403 GMT
 LAT 00 30.0N LONG 140 00.0W WEATHER 1 SEA STATE 4
 BAROMETER 11 WIND DIR 065 T SPD 16 KT VISIBILITY 7
 CLOUD 2 AMOUNT 7 DRY 27.2 WET 24.8 DEPTH 4349 M



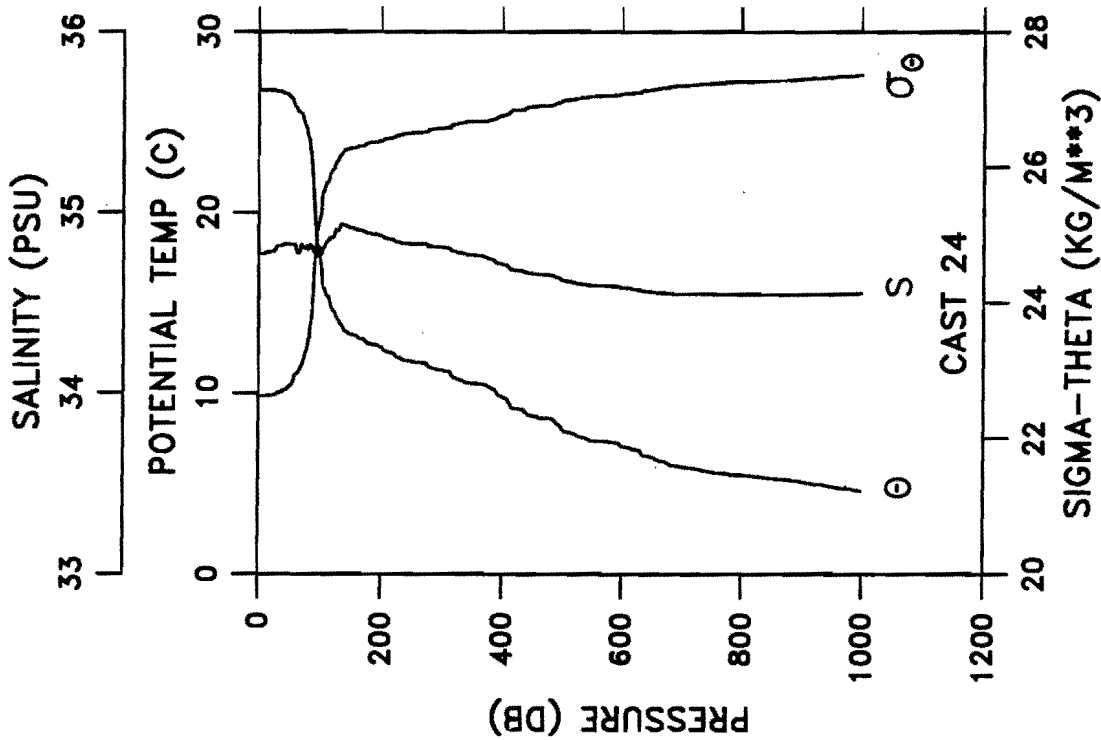
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.798	34.863	22.681	0.000
10	26.782	34.861	22.684	0.052
20	26.474	34.882	22.788	0.102
30	26.497	34.880	22.789	0.153
40	25.866	34.911	23.010	0.203
50	24.284	34.857	23.456	0.250
60	22.934	34.834	23.828	0.283
70	20.717	34.805	24.424	0.332
80	17.204	34.848	25.350	0.362
90	17.434	35.078	25.471	0.388
100	16.421	35.040	25.682	0.412
110	15.276	34.849	25.796	0.435
120	14.062	34.749	25.981	0.456
130	13.557	34.743	26.082	0.476
140	13.294	34.865	26.229	0.495
150	13.057	34.897	26.302	0.513
160	12.882	34.892	26.337	0.531
170	12.729	34.892	26.364	0.548
180	12.643	34.889	26.379	0.565
190	12.552	34.881	26.381	0.581
200	12.429	34.875	26.408	0.598
250	11.525	34.820	26.540	0.678
300	10.325	34.750	26.701	0.751
350	9.602	34.700	26.785	0.820
400	8.985	34.672	26.864	0.884
450	8.829	34.684	26.883	0.946
500	7.585	34.607	27.027	1.006
550	7.272	34.592	27.060	1.061
600	7.011	34.584	27.090	1.115
650	6.452	34.561	27.148	1.166
700	6.083	34.553	27.188	1.216
750	5.861	34.551	27.216	1.264
800	5.391	34.547	27.270	1.310
900	5.039	34.544	27.309	1.398
1000	4.448	34.553	27.383	1.481
1002	4.449	34.552	27.382	1.483

CAST GP2-95-DI -023 DATE 22 MAR 95 TIME 0719 GMT
 LAT 01 00.1N LONG 140 00.0W WEATHER 1 SEA STATE 4
 BAROMETER 14 WIND DIR 080 T SPD 17 KT VISIBILITY 9
 CLOUD 1 AMOUNT 8 DRY 28.7 WET 23.9 DEPTH 4312 M



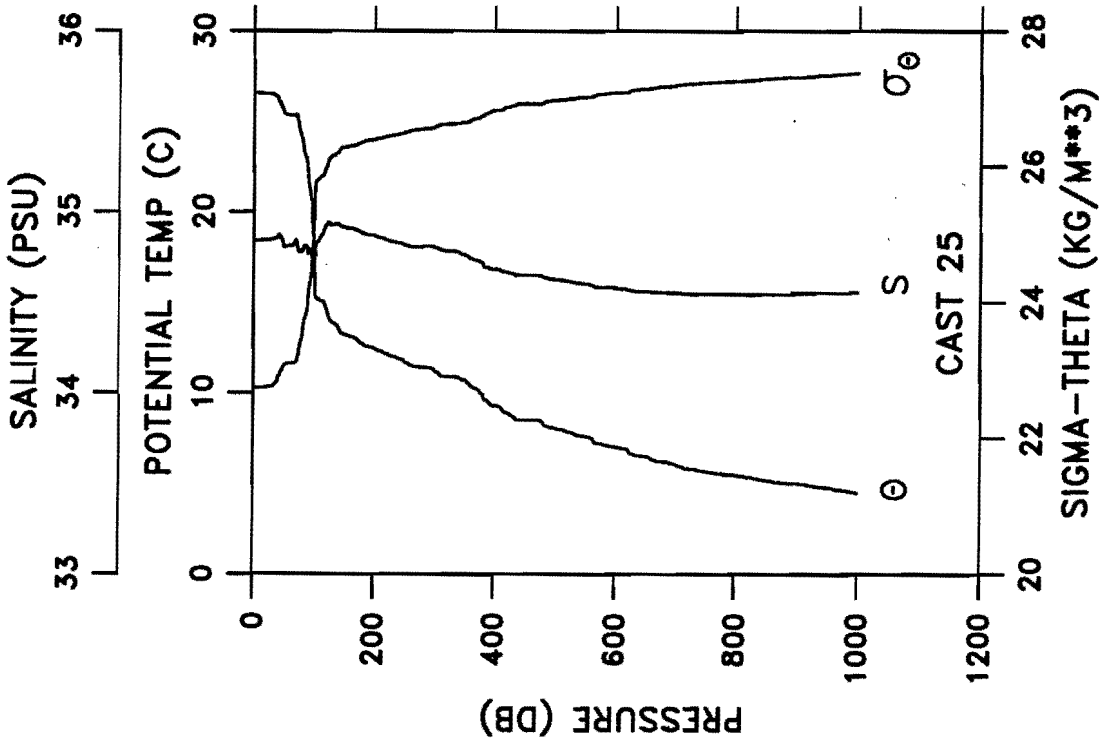
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.865	34.816	22.625	0.000
10	28.862	34.818	22.626	0.052
20	28.860	34.819	22.628	0.104
30	28.819	34.826	22.646	0.156
40	28.674	34.840	22.703	0.208
50	25.466	34.799	23.049	0.259
60	22.920	34.836	23.834	0.304
70	20.535	34.817	24.481	0.342
80	18.467	34.757	24.971	0.374
90	16.074	34.752	25.541	0.401
100	14.783	34.733	25.814	0.424
110	14.263	34.732	25.925	0.446
120	13.450	34.771	26.125	0.466
130	12.947	34.785	26.238	0.484
140	12.785	34.805	26.286	0.502
150	12.676	34.824	26.322	0.520
160	12.598	34.853	26.360	0.537
170	12.584	34.856	26.364	0.554
180	12.552	34.863	26.376	0.571
190	12.532	34.877	26.391	0.588
200	12.490	34.871	26.395	0.604
250	11.825	34.838	26.497	0.686
300	11.225	34.802	26.581	0.764
350	10.321	34.750	26.702	0.836
400	9.063	34.677	26.855	0.904
450	8.824	34.664	26.883	0.967
500	8.085	34.629	26.973	1.029
550	7.438	34.599	27.041	1.085
600	7.017	34.582	27.087	1.139
650	6.422	34.562	27.152	1.191
700	6.143	34.554	27.182	1.241
750	5.784	34.551	27.225	1.289
800	5.449	34.547	27.263	1.335
800	5.129	34.545	27.299	1.424
1000	4.546	34.552	27.372	1.508
1005	4.536	34.552	27.372	1.512

CAST GP2-95-DI -024 DATE 22 MAR 95 TIME 1031 GMT
 LAT 01 30.2N LONG 140 00.2W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 085 T SPD 17 KT VISIBILITY 8
 CLOUD 6 AMOUNT 8 DRY 26.8 WET 24.0 DEPTH 4427 M



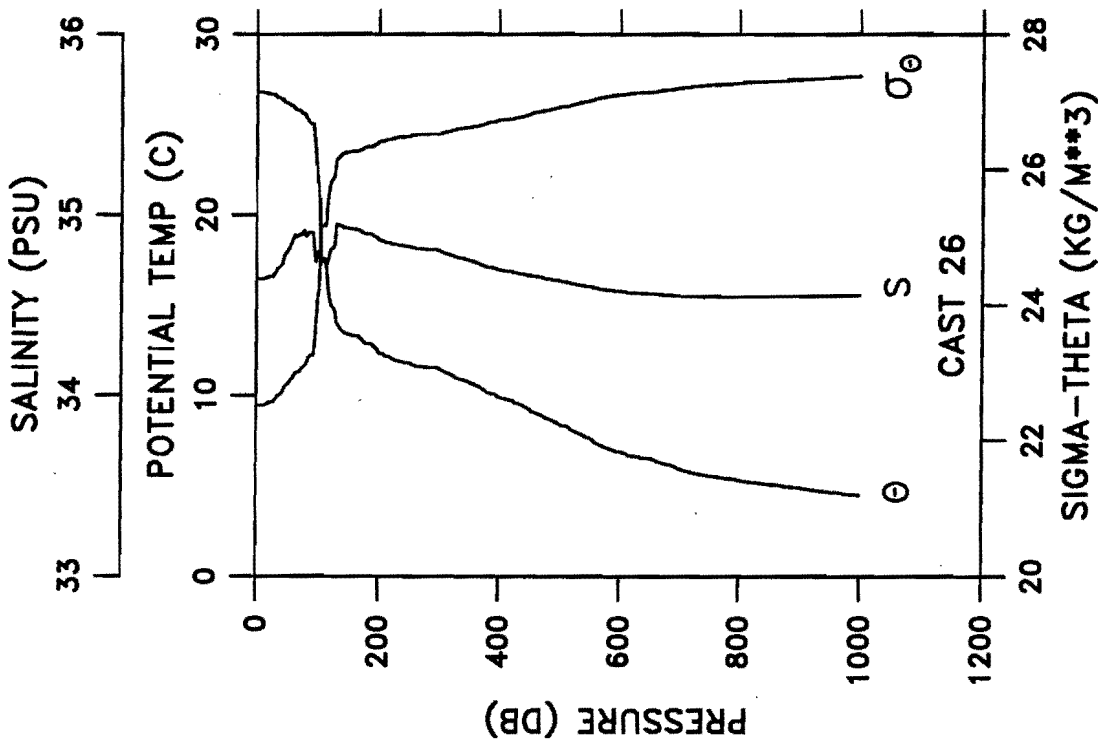
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.767	34.772	22.622	0.000
10	26.763	34.771	22.623	0.052
20	26.761	34.783	22.632	0.104
30	26.705	34.812	22.672	0.156
40	26.619	34.825	22.709	0.208
50	26.433	34.823	22.767	0.260
60	25.822	34.803	22.842	0.310
70	25.414	34.814	23.076	0.359
80	24.173	34.793	23.435	0.405
90	20.293	34.777	24.516	0.446
100	17.377	34.793	25.266	0.476
110	15.378	34.833	25.761	0.501
120	14.574	34.858	25.956	0.523
130	13.931	34.903	26.127	0.543
140	13.426	34.928	26.251	0.561
150	13.234	34.915	26.281	0.579
160	13.120	34.904	26.285	0.579
170	12.992	34.899	26.317	0.614
180	12.718	34.882	26.359	0.631
190	12.650	34.879	26.369	0.648
200	12.534	34.872	26.387	0.665
250	11.748	34.825	26.502	0.747
300	11.271	34.807	26.576	0.825
350	10.544	34.764	26.674	0.898
400	9.804	34.713	26.762	0.970
450	8.751	34.662	26.893	1.034
500	7.970	34.624	26.983	1.085
550	7.363	34.596	27.050	1.152
600	7.052	34.585	27.085	1.206
650	6.452	34.560	27.147	1.258
700	5.929	34.550	27.206	1.307
750	5.649	34.548	27.240	1.354
800	5.465	34.547	27.261	1.400
800	5.112	34.546	27.302	1.489
1000	4.585	34.551	27.366	1.574
1002	4.555	34.551	27.370	1.575

CAST GP2-95-DI -025 DATE 22 MAR 95 TIME 1402 GMT
 LAT 01 54.5N LONG 140 01.0W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 090 T SPD 12 KT VISIBILITY 8
 CLOUD 1 AMOUNT 9 DRY 26.4 WET 23.9 DEPTH 4404 M



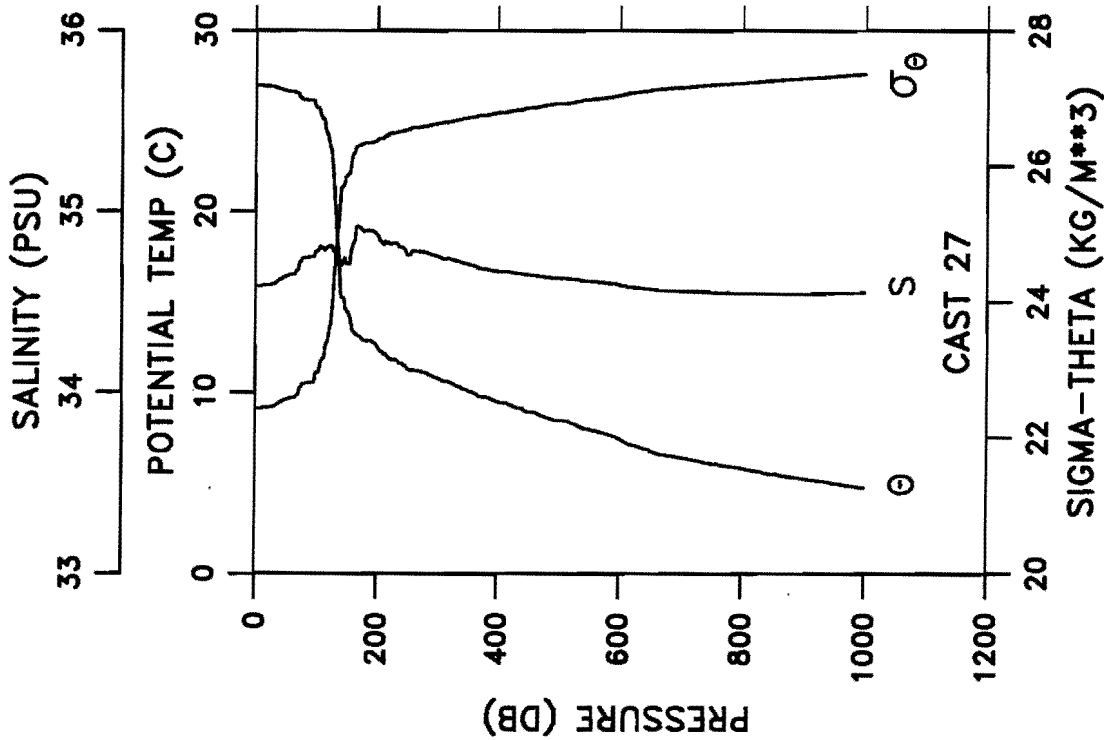
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.564	34.841	22.739	0.000
10	26.553	34.842	22.743	0.051
20	26.531	34.844	22.751	0.102
30	26.503	34.846	22.762	0.153
40	26.093	34.870	22.909	0.204
50	25.426	34.802	23.064	0.253
60	25.330	34.811	23.100	0.301
70	25.353	34.844	23.118	0.348
80	24.016	34.783	23.474	0.395
90	22.177	34.765	23.991	0.437
100	17.820	34.714	25.098	0.472
110	15.099	34.856	25.840	0.495
120	14.671	34.826	25.988	0.516
130	13.902	34.928	26.153	0.536
140	13.681	34.931	26.201	0.554
150	13.246	34.915	26.278	0.572
160	13.104	34.907	26.300	0.590
170	12.984	34.899	26.317	0.607
180	12.724	34.883	26.358	0.625
190	12.550	34.871	26.383	0.642
200	12.481	34.868	26.394	0.658
250	11.734	34.818	26.499	0.740
300	11.288	34.802	26.569	0.818
350	10.710	34.763	26.644	0.892
400	9.291	34.682	26.822	0.962
450	8.511	34.650	26.921	1.024
500	8.064	34.628	26.972	1.084
550	7.604	34.601	27.019	1.142
600	7.005	34.580	27.087	1.196
650	6.492	34.560	27.141	1.248
700	6.048	34.553	27.193	1.298
750	5.682	34.545	27.236	1.345
800	5.463	34.545	27.260	1.390
800	4.986	34.548	27.318	1.478
1000	4.475	34.556	27.382	1.561
1500	2.916	34.605	27.577	1.909
2000	2.157	34.639	27.670	2.190
2500	1.643	34.664	27.730	2.434
3000	1.502	34.671	27.746	2.668
3500	1.205	34.686	27.779	2.893
4000	1.104	34.691	27.790	3.109
4204	1.075	34.691	27.792	3.198

CAST GP2-95-DI -026 DATE 23 MAR 95 TIME 0924 GMT
 LAT 03 00.3N LONG 140 00.4W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 100 T SPD 14 KT VISIBILITY 8
 CLOUD 5 AMOUNT 6 DRY 27.0 WET 24.0 DEPTH 4305 M



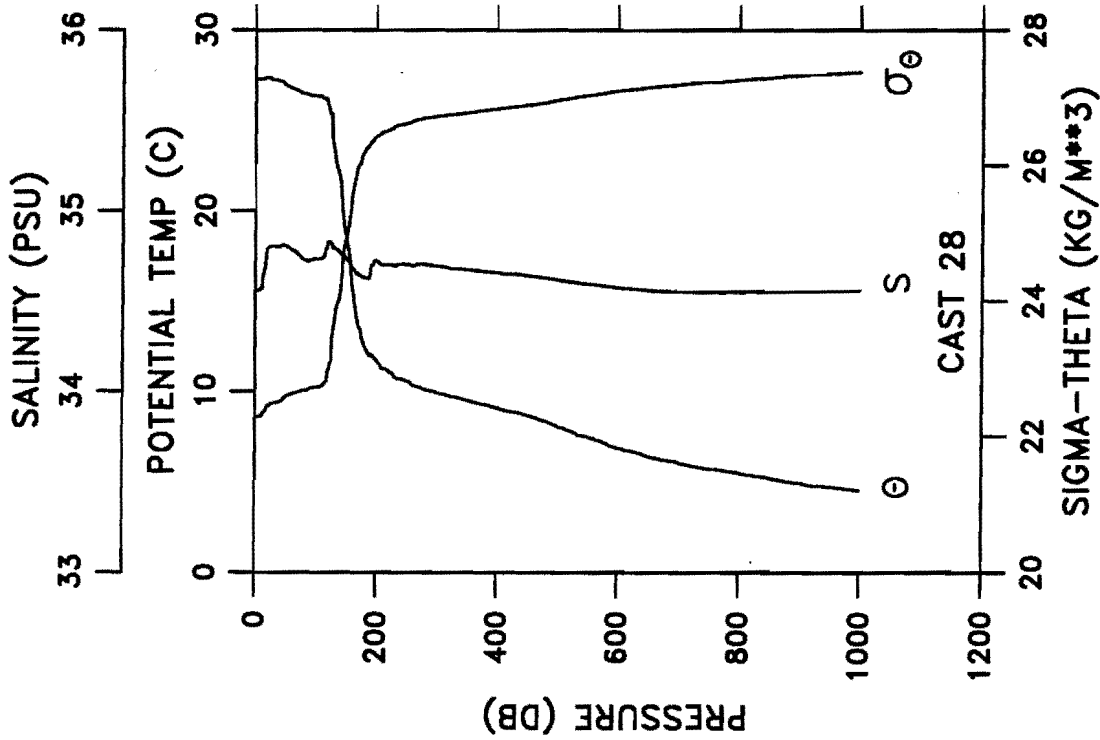
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.784	34.645	22.521	0.000
10	26.783	34.644	22.520	0.053
20	26.686	34.657	22.561	0.106
30	26.583	34.678	22.610	0.159
40	26.406	34.720	22.697	0.211
50	26.160	34.798	22.833	0.262
60	25.969	34.874	22.950	0.312
70	25.765	34.888	23.024	0.361
80	25.439	34.887	23.124	0.409
90	25.030	34.902	23.260	0.456
100	21.792	34.798	24.124	0.499
110	17.985	34.738	25.174	0.530
120	15.157	34.801	25.785	0.556
130	13.990	34.950	26.151	0.577
140	13.542	34.934	26.232	0.596
150	13.375	34.926	26.261	0.614
160	13.289	34.921	26.272	0.632
170	13.145	34.911	26.295	0.649
180	12.876	34.895	26.337	0.667
190	12.793	34.888	26.348	0.684
200	12.343	34.861	26.415	0.701
250	11.794	34.824	26.492	0.782
300	11.481	34.800	26.532	0.861
350	10.760	34.748	26.623	0.937
400	9.906	34.694	26.730	1.009
450	9.257	34.668	26.817	1.078
500	8.398	34.634	26.927	1.141
550	7.637	34.604	27.016	1.200
600	6.880	34.576	27.101	1.254
650	6.508	34.564	27.142	1.305
700	5.933	34.552	27.207	1.355
750	5.583	34.547	27.249	1.401
800	5.314	34.546	27.279	1.446
900	4.908	34.550	27.329	1.533
1000	4.482	34.555	27.381	1.614
1004	4.478	34.555	27.382	1.618

CAST GP2-95-DI -027 DATE 23 MAR 95 TIME 1401 GMT
 LAT 04 00.4N LONG 140 00.2W WEATHER 6 SEA STATE 4
 BAROMETER 10 WIND DIR 070 T SPD 10 KT VISIBILITY 6
 CLOUD 8 AMOUNT 6 DRY 26.5 WET 24.5 DEPTH 4347 M



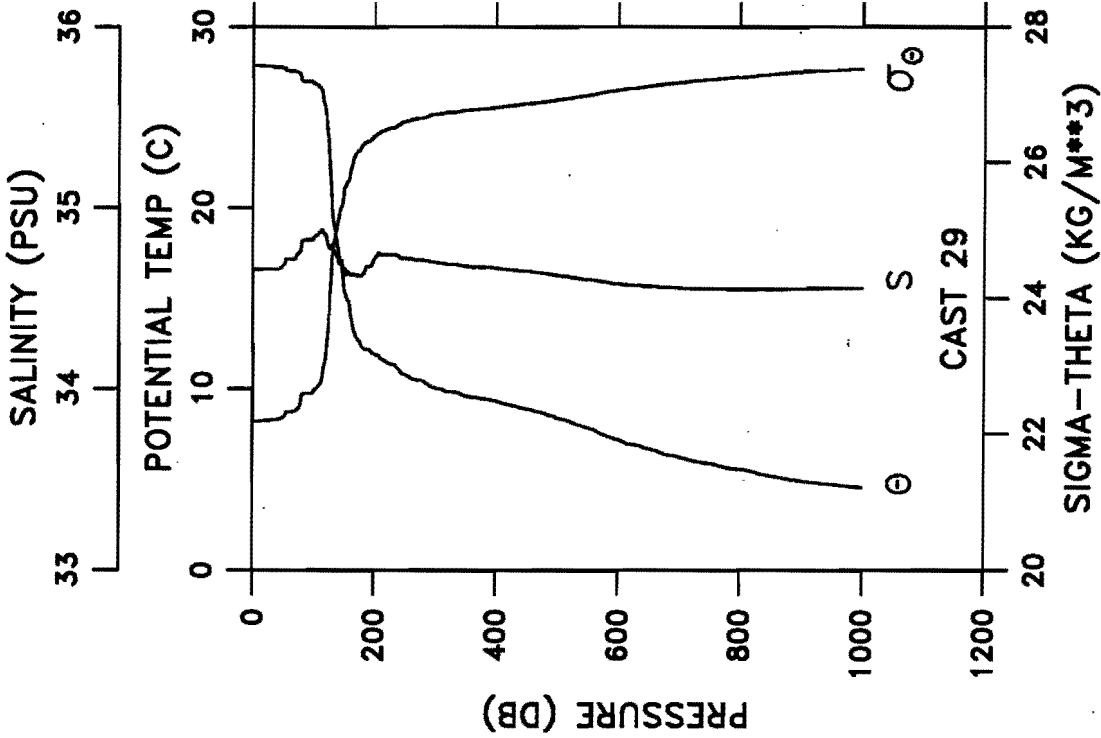
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.936	34.588	22.430	0.000
10	26.936	34.587	22.429	0.054
20	26.897	34.583	22.446	0.108
30	26.866	34.599	22.460	0.162
40	26.738	34.624	22.520	0.215
50	26.652	34.641	22.560	0.269
60	26.592	34.653	22.588	0.322
70	26.499	34.677	22.636	0.374
80	26.148	34.741	22.794	0.425
90	26.115	34.746	22.808	0.476
100	25.709	34.778	22.958	0.527
110	25.113	34.797	23.155	0.575
120	23.970	34.803	23.503	0.621
130	20.415	34.774	24.480	0.662
140	15.307	34.711	25.682	0.692
150	14.492	34.709	25.859	0.714
160	13.366	34.822	26.181	0.735
170	13.102	34.913	26.305	0.753
180	12.841	34.891	26.341	0.770
190	12.836	34.892	26.343	0.788
200	12.545	34.888	26.362	0.805
250	11.292	34.756	26.533	0.885
300	10.773	34.749	26.622	0.961
350	10.094	34.707	26.708	1.033
400	9.479	34.669	26.781	1.102
450	8.931	34.650	26.855	1.168
500	8.453	34.632	26.916	1.230
550	7.978	34.615	26.975	1.291
600	7.429	34.595	27.040	1.348
650	6.788	34.571	27.113	1.402
700	6.384	34.561	27.156	1.453
750	6.062	34.553	27.192	1.503
800	5.808	34.548	27.220	1.551
900	5.232	34.546	27.288	1.643
1000	4.720	34.552	27.352	1.729
1002	4.713	34.552	27.353	1.730

CAST GP2-95-DI -028 DATE 23 MAR 95 TIME 1946 GMT
 LAT 05 02.8N LONG 139 59.9W WEATHER 5 SEA STATE 4
 BAROMETER 12 WIND DIR 060 T SPD 10 KT VISIBILITY 7
 CLOUD 8 AMOUNT 5 DRY 27.2 WET 25.0 DEPTH 4446 M



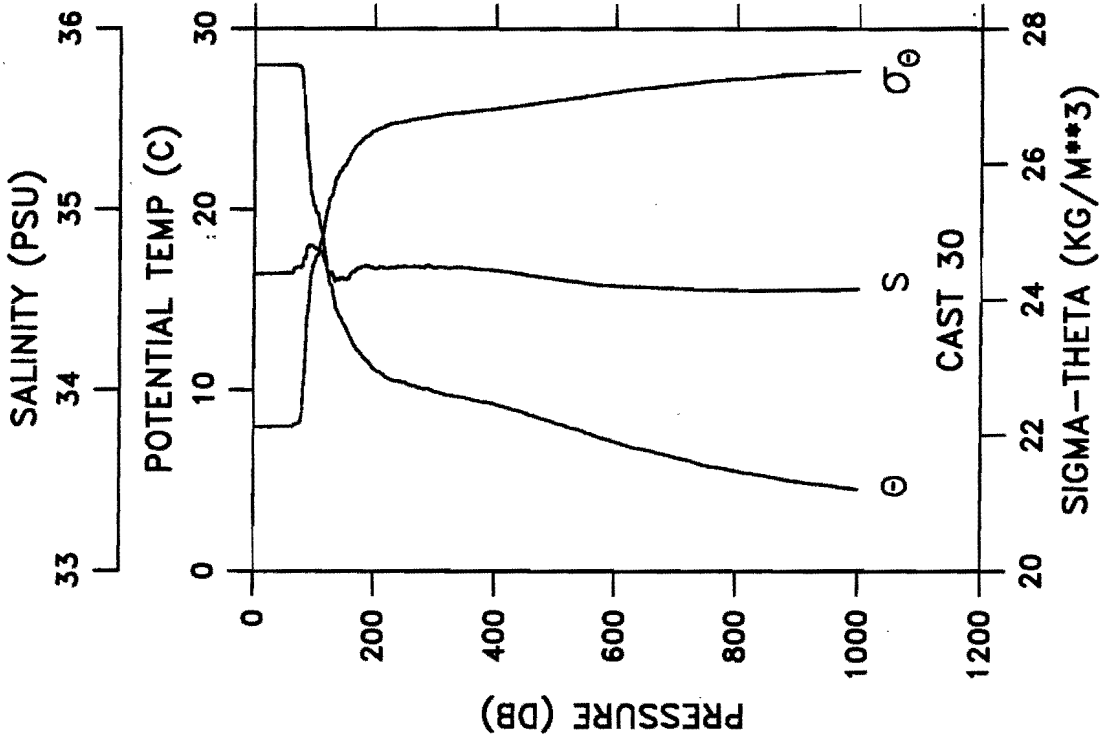
PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-D (DYN-M)
0	27.284	34.557	22.295	0.000
10	27.280	34.566	22.304	0.055
20	27.359	34.789	22.446	0.110
30	27.227	34.801	22.488	0.164
40	27.181	34.800	22.511	0.217
50	26.851	34.806	22.589	0.270
60	26.781	34.784	22.627	0.323
70	26.647	34.764	22.654	0.375
80	26.477	34.729	22.682	0.427
90	26.379	34.724	22.708	0.479
100	26.340	34.732	22.727	0.531
110	26.296	34.733	22.742	0.582
120	25.814	34.826	22.962	0.633
130	23.413	34.789	23.656	0.680
140	21.774	34.759	24.099	0.720
150	18.672	34.734	24.902	0.754
160	15.747	34.673	25.554	0.783
170	13.581	34.642	25.998	0.805
180	12.534	34.629	26.198	0.825
190	11.994	34.672	26.336	0.843
200	11.717	34.720	26.425	0.860
250	10.576	34.701	26.619	0.937
300	9.926	34.692	26.725	1.007
350	9.505	34.671	26.779	1.075
400	9.090	34.656	26.835	1.141
450	8.682	34.640	26.887	1.204
500	8.079	34.615	26.960	1.265
550	7.494	34.594	27.030	1.322
600	6.861	34.573	27.102	1.376
650	6.401	34.559	27.152	1.428
700	6.062	34.552	27.191	1.477
750	5.725	34.548	27.230	1.525
800	5.482	34.549	27.261	1.571
900	4.938	34.553	27.328	1.658
1000	4.521	34.558	27.379	1.741
1500	2.987	34.601	27.568	2.082
2000	2.063	34.641	27.679	2.374
2005	2.060	34.640	27.679	2.376

CAST GP2-95-DI -029 DATE 24 MAR 95 TIME 0126 GMT
 LAT 06 00.2N LONG 139 59.8W WEATHER 1 SEA STATE 4
 BAROMETER 09 WIND DIR 045 T SPD 11 KT VISIBILITY 8
 CLOUD 7 AMOUNT 7 DRY 26.2 WET 25.0 DEPTH 4824 M



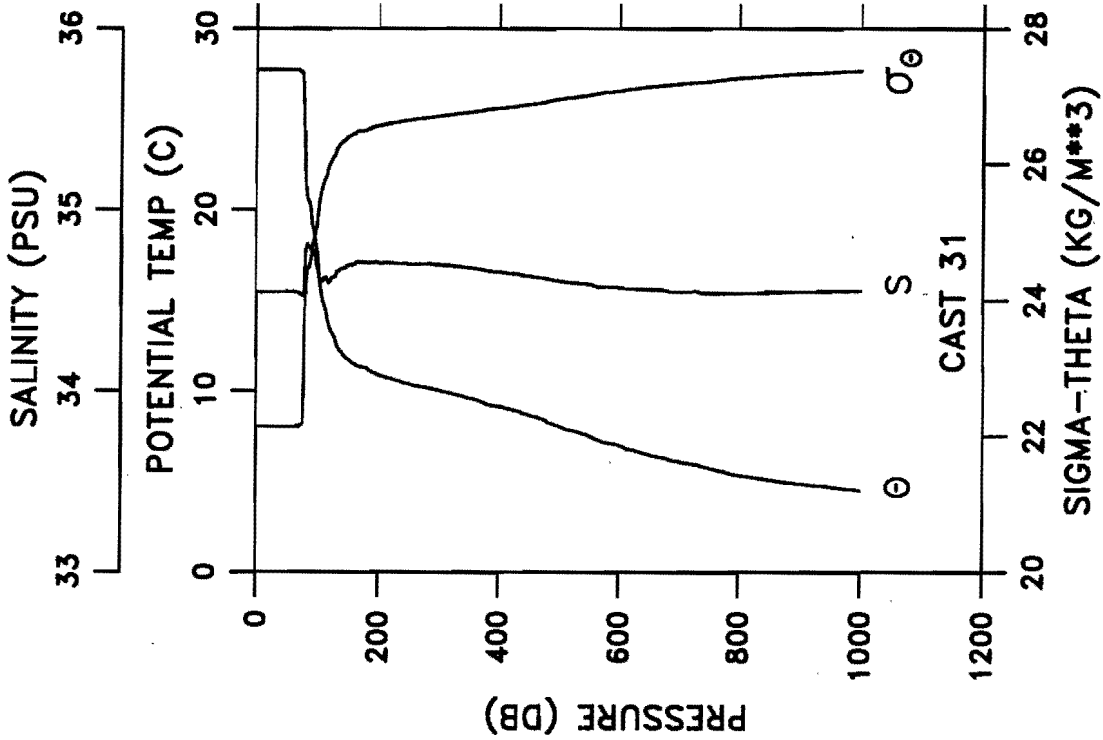
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.849	34.660	22.190	0.000
10	27.846	34.659	22.190	0.056
20	27.824	34.663	22.201	0.113
30	27.811	34.663	22.205	0.169
40	27.784	34.663	22.220	0.225
50	27.713	34.685	22.253	0.281
60	27.556	34.718	22.329	0.337
70	27.520	34.725	22.346	0.392
80	27.015	34.815	22.576	0.447
90	26.970	34.822	22.595	0.499
100	26.859	34.837	22.642	0.552
110	26.619	34.866	22.740	0.604
120	25.139	34.839	23.179	0.654
130	20.116	34.784	24.567	0.696
140	17.694	34.720	25.133	0.727
150	15.463	34.660	25.608	0.753
160	14.228	34.629	25.853	0.776
170	12.871	34.628	26.131	0.797
180	12.281	34.628	26.247	0.815
190	12.154	34.674	26.307	0.833
200	11.911	34.721	26.390	0.850
250	10.787	34.723	26.598	0.929
300	10.050	34.698	26.708	1.002
350	9.601	34.676	26.767	1.070
400	9.326	34.667	26.805	1.137
450	8.889	34.650	26.862	1.202
500	8.381	34.626	26.923	1.264
550	7.843	34.604	26.986	1.324
600	7.199	34.582	27.062	1.380
650	6.681	34.588	27.122	1.433
700	6.226	34.556	27.173	1.484
750	5.870	34.552	27.216	1.532
800	5.557	34.550	27.253	1.578
900	4.916	34.551	27.329	1.666
1000	4.534	34.558	27.377	1.748
1002	4.526	34.558	27.379	1.750

CAST GP2-85-DI --030 DATE 24 MAR 95 TIME 0813 GMT
 LAT 06 59.9N LONG 139 59.8W WEATHER 1 SEA STATE 5
 BAROMETER 11 WIND DIR 050 T SPD 21 KT VISIBILITY 7
 CLOUD 2 AMOUNT 8 DRY 28.2 WET 25.3 DEPTH 4974 M



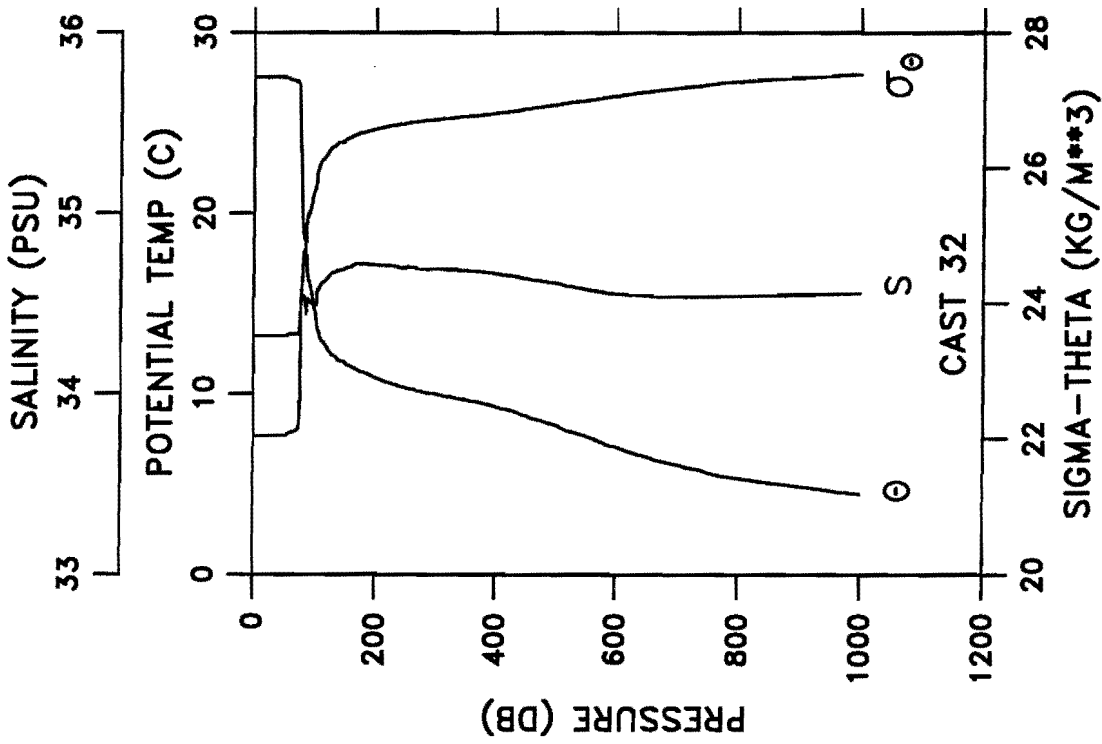
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.007	34.644	22.127	0.000
10	28.007	34.643	22.127	0.057
20	28.002	34.647	22.130	0.114
30	28.005	34.646	22.129	0.171
40	28.004	34.646	22.130	0.228
50	28.001	34.648	22.132	0.285
60	28.001	34.648	22.132	0.342
70	27.977	34.673	22.159	0.399
80	27.404	34.691	22.358	0.456
90	22.736	34.789	23.851	0.504
100	20.198	34.792	24.552	0.540
110	19.128	34.768	24.812	0.573
120	17.163	34.690	25.238	0.603
130	15.766	34.652	25.534	0.629
140	14.251	34.613	25.835	0.652
150	13.608	34.611	25.989	0.673
160	12.808	34.642	26.135	0.693
170	12.286	34.664	26.274	0.712
180	11.874	34.686	26.370	0.729
190	11.547	34.683	26.429	0.746
200	11.146	34.674	26.496	0.762
250	10.423	34.687	26.635	0.837
300	9.919	34.679	26.715	0.908
350	9.587	34.678	26.771	0.976
400	9.218	34.662	26.819	1.042
450	8.743	34.639	26.877	1.108
500	8.188	34.614	26.943	1.167
550	7.632	34.591	27.007	1.226
600	7.127	34.577	27.068	1.281
650	6.685	34.570	27.123	1.334
700	6.266	34.563	27.174	1.385
750	5.821	34.555	27.224	1.433
800	5.518	34.552	27.259	1.479
900	4.940	34.553	27.328	1.567
1000	4.501	34.558	27.381	1.649
1001	4.501	34.558	27.381	1.650

CAS GP2-95-DI -031 DATE 24 MAR 95 TIME 1108 GMT
 LAT 08 00.3N LONG 140 10.2W WEATHER 1 SEA STATE 5
 BAROMETER 18 WIND DIR 030 T SPD 18 KT VISIBILITY 8
 CLOUD 4 AMOUNT 6 DRY 27.5 WET 25.0 DEPTH 5101 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.733	34.549	22.145	0.000
10	27.729	34.547	22.144	0.057
20	27.728	34.546	22.144	0.114
30	27.732	34.548	22.144	0.170
40	27.733	34.548	22.144	0.227
50	27.733	34.548	22.144	0.284
60	27.730	34.548	22.145	0.341
70	27.689	34.540	22.152	0.398
80	21.843	34.779	24.150	0.451
90	19.386	34.792	24.764	0.486
100	16.993	34.660	25.256	0.516
110	14.747	34.626	25.739	0.540
120	13.436	34.608	26.002	0.562
130	12.559	34.651	26.211	0.581
140	12.052	34.674	26.327	0.599
150	11.708	34.694	26.407	0.616
160	11.483	34.701	26.453	0.632
170	11.326	34.711	26.492	0.648
180	11.248	34.708	26.505	0.664
190	11.018	34.710	26.547	0.679
200	10.857	34.708	26.574	0.694
250	10.380	34.701	26.654	0.768
300	10.018	34.696	26.712	0.838
350	9.602	34.680	26.769	0.907
400	9.147	34.657	26.826	0.973
450	8.678	34.634	26.883	1.036
500	8.047	34.608	26.959	1.097
550	7.500	34.589	27.025	1.155
600	6.976	34.572	27.085	1.209
650	6.458	34.561	27.147	1.261
700	6.089	34.549	27.185	1.311
750	5.723	34.539	27.223	1.359
800	5.317	34.541	27.274	1.404
900	4.866	34.548	27.333	1.491
1000	4.476	34.555	27.381	1.573
1002	4.469	34.554	27.382	1.574

CAST GP2-95-D1 -032 DATE 25 MAR 95 TIME 0722 GMT
 LAT 09 03.4N LONG 140 17.9W WEATHER 1 SEA STATE 5
 BAROMETER 11 WIND DIR 060 T SPD 22 KT VISIBILITY 9
 CLOUD 2 AMOUNT 8 DRY 27.4 WET 24.9 DEPTH 4977 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.529	34.317	22.036	0.000
10	27.528	34.318	22.037	0.058
20	27.523	34.318	22.039	0.116
30	27.525	34.318	22.038	0.173
40	27.524	34.318	22.039	0.231
50	27.518	34.319	22.041	0.289
60	27.378	34.330	22.094	0.347
70	27.307	34.328	22.116	0.405
80	20.163	34.524	24.357	0.455
90	16.221	34.520	25.328	0.486
100	14.660	34.493	25.655	0.512
110	13.029	34.593	26.072	0.533
120	12.556	34.635	26.199	0.552
130	12.108	34.669	26.312	0.570
140	11.821	34.682	26.376	0.587
150	11.681	34.692	26.411	0.603
160	11.489	34.701	26.453	0.620
170	11.301	34.718	26.502	0.635
180	11.187	34.720	26.524	0.651
190	11.040	34.714	26.546	0.666
200	10.880	34.713	26.574	0.681
250	10.324	34.697	26.660	0.755
300	9.974	34.690	26.714	0.825
350	9.666	34.681	26.759	0.893
400	9.281	34.663	26.809	0.960
450	8.782	34.638	26.870	1.025
500	8.245	34.611	26.932	1.087
550	7.647	34.576	26.994	1.145
600	7.044	34.551	27.059	1.201
650	6.511	34.543	27.125	1.254
700	6.080	34.536	27.176	1.305
750	5.638	34.537	27.232	1.352
800	5.325	34.539	27.272	1.398
900	4.870	34.545	27.330	1.485
1000	4.450	34.556	27.386	1.566
1500	3.011	34.596	27.562	1.919
2000	2.111	34.633	27.669	2.205
2004	2.102	34.633	27.689	2.207

CAST GP2-95-DI -001 LAT 08 00.5N LONG 125 00.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	27.552	34.409	27.549	22.099
77.	18.277	34.676	18.264	24.947
150.	12.108	34.753	12.088	26.378
301.	10.252	34.707	10.216	26.682
499.	8.473	34.612	8.420	26.900
999.	4.555	34.558	4.475	27.376
1500.	3.058	34.603	2.949	27.563
2001.	2.201	34.640	2.061	27.667
2301.	1.936	34.658	1.775	27.701
2599.	1.841	34.665	1.655	27.715
2799.	1.799	34.668	1.595	27.721
2998.	1.727	34.672	1.505	27.730

CAST GP2-95-DI -003 LAT 06 00.6N LONG 125 00.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.805	34.363	27.803	21.977
74.	21.146	34.750	21.132	24.255
151.	12.229	34.780	12.209	26.377
199.	11.186	34.737	11.161	26.537
301.	9.971	34.682	9.936	26.711
401.	9.022	34.650	8.978	26.843
501.	7.932	34.604	7.881	26.975
601.	6.917	34.574	6.860	27.096
700.	6.044	34.555	5.981	27.197
900.	5.045	34.554	4.970	27.317
1001.	4.646	34.559	4.565	27.367

CAST GP2-95-DI -002 LAT 07 00.2N LONG 125 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.674	34.539	27.672	22.155
74.	21.397	34.750	21.383	24.182
147.	12.175	34.736	12.156	26.355
199.	11.221	34.732	11.196	26.528
300.	10.160	34.701	10.125	26.693
399.	9.195	34.652	9.151	26.816
500.	7.860	34.588	7.809	26.970
600.	6.847	34.569	6.790	27.101
700.	6.000	34.554	5.938	27.201
771.	5.524	34.553	5.458	27.259
897.	4.887	34.555	4.814	27.336
1003.	4.409	34.561	4.330	27.394

CAST GP2-95-DI -004 LAT 05 01.2N LONG 124 59.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.896	34.573	27.893	22.111
75.	25.650	34.724	25.633	22.936
150.	12.439	34.765	12.419	26.325
200.	10.647	34.663	10.623	26.579
301.	9.882	34.686	9.848	26.729
401.	8.999	34.654	8.955	26.849
500.	7.877	34.610	7.826	26.986
598.	6.780	34.570	6.723	27.111
701.	6.062	34.554	5.999	27.193
799.	5.421	34.554	5.353	27.272
1002.	4.487	34.562	4.407	27.386

CAST GP2-95-DI -005 LAT 04 00.1N LONG 124 59.9W CAST GP2-95-DI -007 LAT 01 54.2N LONG 125 04.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.650	34.468	27.648	22.111	10.	26.198	34.548	26.196	22.630
74.	26.935	34.563	26.918	22.408	75.	19.840	34.814	19.827	24.647
149.	13.364	34.907	13.343	26.250	152.	13.059	34.901	13.039	26.302
199.	12.510	34.857	12.484	26.381	301.	11.403	34.809	11.365	26.553
301.	10.778	34.737	10.741	26.613	502.	7.981	34.615	7.930	26.973
400.	9.536	34.672	9.491	26.776	1000.	4.867	34.555	4.785	27.335
499.	8.278	34.627	8.226	26.940	1500.	3.220	34.597	3.109	27.541
598.	6.952	34.574	6.895	27.091	2000.	2.394	34.634	2.251	27.644
701.	6.072	34.550	6.009	27.189	2503.	1.864	34.663	1.686	27.711
799.	5.605	34.547	5.536	27.244	3501.	1.451	34.686	1.186	27.760
901.	5.065	34.551	4.990	27.310	4400.	1.470	34.690	1.108	27.762
1002.	4.544	34.556	4.464	27.375					

CAST GP2-95-DI -006 LAT 03 00.2N LONG 124 59.9W CAST GP2-95-DI -008 LAT 00 59.7N LONG 124 54.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	26.425	34.507	26.423	22.532	9.	24.691	34.866	24.689	23.334
76.	22.359	34.791	22.344	23.938	74.	19.027	34.798	19.014	24.858
151.	13.238	34.889	13.217	26.259	149.	13.086	34.838	13.066	26.252
198.	12.785	34.877	12.758	26.343	199.	12.826	34.884	12.799	26.340
300.	11.230	34.766	11.192	26.555	300.	11.498	34.809	11.460	26.537
397.	9.923	34.688	9.877	26.723	402.	9.689	34.709	9.643	26.779
498.	8.448	34.633	8.395	26.919	501.	8.161	34.625	8.109	26.956
599.	7.070	34.575	7.012	27.075	602.	6.925	34.574	6.868	27.094
800.	5.671	34.547	5.601	27.236	699.	5.907	34.550	5.845	27.208
898.	5.248	34.548	5.172	27.288	797.	5.469	34.547	5.400	27.260
1003.	4.664	34.553	4.583	27.359	900.	4.807	34.549	4.734	27.338
					1002.	4.552	34.554	4.472	27.371

CAST GP2-95-DI -009 LAT 00 16.9S LONG 124 24.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
8.	24.459	35.050	24.458	23.548	12.	26.091	35.089	26.088	23.073
75.	17.413	35.319	17.400	25.654	76.	14.230	34.993	14.219	26.128
148.	13.163	34.939	13.143	26.313	151.	12.883	34.907	12.863	26.347
301.	10.973	34.792	10.936	26.618	202.	12.575	34.893	12.548	26.397
500.	7.692	34.607	7.642	27.010	299.	11.386	34.826	11.349	26.571
1001.	4.486	34.555	4.407	27.380	400.	9.336	34.701	9.291	26.830
1497.	3.016	34.601	2.908	27.565	500.	7.750	34.614	7.700	27.008
1998.	2.288	34.638	2.147	27.657	601.	6.708	34.569	6.652	27.119
2500.	1.881	34.660	1.703	27.708	699.	5.752	34.546	5.691	27.225
3000.	1.685	34.671	1.464	27.732	798.	5.176	34.543	5.110	27.291
3500.	1.508	34.684	1.242	27.755	901.	4.800	34.545	4.727	27.337
4299.	1.462	34.692	1.111	27.764	1001.	4.413	34.552	4.334	27.385

CAST GP2-95-DI -011 LAT 02 08.9S LONG 124 53.0W

CAST GP2-95-DI -010 LAT 00 59.8S LONG 124 39.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	25.062	35.150	25.059	23.438	10.	26.078	34.913	26.075	22.947
75.	14.894	35.056	14.882	26.030	75.	17.676	35.290	17.663	25.550
150.	12.448	34.874	12.428	26.407	152.	13.258	34.927	13.237	26.285
199.	12.302	34.865	12.276	26.427	198.	12.905	34.910	12.878	26.344
301.	10.820	34.779	10.784	26.634	291.	11.975	34.864	11.937	26.489
400.	9.034	34.673	8.990	26.857	401.	9.579	34.717	9.534	26.801
501.	8.012	34.620	7.960	26.974	499.	7.816	34.619	7.765	27.003
600.	6.893	34.575	6.836	27.098	600.	6.738	34.578	6.682	27.122
700.	5.949	34.543	5.887	27.200	698.	5.988	34.553	5.926	27.201
801.	5.215	34.545	5.148	27.289	799.	5.312	34.544	5.245	27.277
1002.	4.557	34.551	4.477	27.369	898.	4.886	34.550	4.812	27.331
					998.	4.396	34.551	4.317	27.385

CAST GP2-95-DI -012 LAT 03 00.4S LONG 125 00.5W

CAST GP2-95-DI -013 LAT 04 00.1S LONG 125 00.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.235	34.792	27.233	22.488	10.	27.601	35.120	27.599	22.616
77.	25.684	35.594	25.667	23.570	75.	26.872	35.485	26.855	23.117
151.	13.232	34.928	13.211	26.292	150.	16.336	35.243	16.312	25.848
200.	12.843	34.907	12.816	26.355	200.	12.613	34.914	12.586	26.403
300.	11.637	34.843	11.598	26.536	299.	11.124	34.817	11.087	26.611
402.	9.561	34.714	9.516	26.804	400.	10.075	34.751	10.028	26.744
501.	8.246	34.640	8.194	26.956	500.	8.458	34.653	8.405	26.931
600.	7.059	34.581	7.001	27.082	600.	7.218	34.593	7.160	27.065
700.	6.249	34.556	6.186	27.170	700.	6.347	34.561	6.283	27.160
802.	5.533	34.543	5.464	27.250	800.	5.620	34.546	5.551	27.239
902.	5.065	34.540	4.990	27.304	900.	5.037	34.540	4.963	27.304
1017.	4.529	34.542	4.448	27.366	1005.	4.594	34.545	4.513	27.358

CAST GP2-95-DI -015 LAT 05 59.9S LONG 124 59.7W

CAST GP2-95-DI -014 LAT 04 59.8S LONG 124 59.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.278	34.882	27.275	22.542	10.	27.587	35.332	27.585	22.780
76.	25.211	35.504	25.194	23.657	77.	27.030	35.484	27.012	23.073
150.	13.791	35.013	13.770	26.244	151.	19.041	35.599	19.014	25.466
300.	11.368	34.824	11.330	26.573	200.	12.950	34.932	12.922	26.351
501.	8.092	34.630	8.040	26.972	300.	11.333	34.830	11.295	26.583
999.	4.563	34.540	4.483	27.361	400.	10.160	34.754	10.112	26.734
1502.	3.074	34.593	2.965	27.554	500.	8.926	34.679	8.871	26.879
1999.	2.313	34.632	2.172	27.652	599.	7.525	34.605	7.465	27.033
2499.	1.916	34.659	1.737	27.705	701.	6.358	34.554	6.293	27.153
3003.	1.690	34.671	1.468	27.733	796.	5.649	34.538	5.580	27.230
3499.	1.515	34.681	1.249	27.754	893.	5.131	34.534	5.057	27.290
4001.	1.432	34.688	1.115	27.765	1001.	4.569	34.538	4.489	27.356

CAST GP2-95-DI -016 LAT 07 00.0S LONG 124 59.9W

CAST GP2-95-DI -017 LAT 07 56.7S LONG 124 59.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.551	35.297	27.548	22.766
75.	26.733	35.868	26.716	23.461
150.	21.103	35.956	21.074	25.185
299.	10.507	34.763	10.471	26.680
499.	8.103	34.631	8.052	26.970
999.	4.502	34.543	4.423	27.368
1500.	2.968	34.594	2.861	27.563
2001.	2.303	34.635	2.162	27.654
2499.	1.905	34.661	1.727	27.708
2999.	1.744	34.674	1.521	27.730
3503.	1.554	34.683	1.286	27.751
4300.	1.446	34.691	1.095	27.766

CAST GP2-95-DI -019 LAT 01 01.2S LONG 140 00.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	26.393	35.097	26.391	22.985
74.	24.425	35.442	24.409	23.905
151.	14.095	35.045	14.073	26.194
199.	12.580	34.900	12.554	26.398
300.	11.379	34.808	11.341	26.559
398.	9.545	34.697	9.500	26.793
501.	7.866	34.614	7.815	26.991
600.	7.120	34.581	7.062	27.073
701.	6.364	34.555	6.300	27.154
800.	5.577	34.544	5.508	27.245
911.	4.918	34.544	4.843	27.324
977.	4.698	34.550	4.618	27.353

CAST GP2-95-DI -018 LAT 02 01.9S LONG 139 58.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.132	35.259	27.130	22.871
75.	26.288	35.285	26.271	23.156
150.	13.531	34.948	13.509	26.246
201.	12.696	34.899	12.669	26.377
299.	11.535	34.820	11.497	26.538
401.	10.005	34.736	9.958	26.744
503.	8.085	34.623	8.033	26.967
600.	7.447	34.594	7.387	27.037
700.	6.702	34.563	6.636	27.115
801.	5.575	34.541	5.506	27.243
899.	5.121	34.541	5.046	27.295
1001.	4.579	34.548	4.498	27.364

CAST GP2-95-DI -020 LAT 00 30.2S LONG 139 59.5W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
8.	26.292	35.035	26.290	22.970
73.	22.530	35.635	22.515	24.545
149.	15.370	35.150	15.347	26.005
200.	12.839	34.912	12.811	26.358
300.	11.613	34.819	11.575	26.524
399.	9.642	34.702	9.597	26.780
500.	8.754	34.656	8.700	26.889
600.	7.319	34.589	7.260	27.051
700.	6.633	34.564	6.568	27.125
801.	5.732	34.547	5.662	27.228
901.	5.146	34.543	5.071	27.296
1005.	4.746	34.548	4.664	27.347

CAST GP2-95-DI -023 LAT 01 00.1N LONG 140 00.0W

CAST GP2-95-DI -021 LAT 00 00.0N LONG 139 59.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	26.355	34.995	26.353	22.921	10.	26.852	34.815	26.850	22.627
74.	23.159	34.977	23.144	23.871	75.	19.869	34.789	19.855	24.631
149.	14.408	35.000	14.386	26.104	150.	12.698	34.819	12.678	26.315
301.	11.620	34.821	11.581	26.524	199.	12.526	34.871	12.499	26.388
493.	8.686	34.653	8.633	26.896	300.	11.225	34.800	11.187	26.575
997.	4.573	34.552	4.494	27.369	400.	9.086	34.673	9.042	26.849
1501.	3.031	34.601	2.923	27.564	501.	7.942	34.619	7.891	26.983
2000.	2.207	34.642	2.067	27.668	600.	7.064	34.581	7.006	27.080
2500.	1.882	34.660	1.704	27.709	800.	5.504	34.548	5.435	27.257
2999.	1.698	34.671	1.477	27.731	900.	5.192	34.545	5.116	27.292
3499.	1.501	34.684	1.235	27.757	1001.	4.627	34.553	4.546	27.362
4104.	1.410	34.692	1.082	27.769					

CAST GP2-95-DI -024 LAT 01 30.2N LONG 140 00.2W

CAST GP2-95-DI -022 LAT 00 30.0N LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	26.637	34.867	26.635	22.736	10.	26.743	34.766	26.740	22.625
72.	21.014	34.824	21.000	24.334	74.	24.584	34.804	24.568	23.307
150.	13.316	34.884	13.295	26.254	151.	13.208	34.904	13.187	26.278
200.	12.490	34.875	12.463	26.397	199.	12.319	34.852	12.292	26.414
300.	10.362	34.748	10.326	26.693	299.	11.249	34.800	11.212	26.576
400.	9.025	34.671	8.981	26.857	399.	9.739	34.703	9.693	26.765
501.	7.625	34.604	7.575	27.019	501.	7.921	34.617	7.870	26.985
600.	6.902	34.577	6.845	27.099	599.	7.112	34.582	7.054	27.075
700.	6.106	34.554	6.044	27.186	799.	5.536	34.547	5.467	27.253
800.	5.436	34.547	5.368	27.264	898.	5.201	34.546	5.125	27.291
901.	5.113	34.545	5.037	27.301	1000.	4.670	34.552	4.589	27.357
1001.	4.528	34.554	4.448	27.374					

CAST GP2-95-DI -025 LAT 01 54.5N LONG 140 01.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
74.	24.413	34.772	24.397	23.331
150.	13.194	34.904	13.173	26.281
299.	11.184	34.796	11.147	26.585
499.	8.167	34.629	8.115	26.958
1000.	4.663	34.554	4.583	27.360
1500.	3.069	34.603	2.960	27.562
1999.	2.310	34.638	2.169	27.657
2499.	1.830	34.664	1.653	27.716
2998.	1.725	34.671	1.503	27.729
3501.	1.467	34.686	1.202	27.760
4203.	1.414	34.691	1.075	27.769

CAST GP2-95-DI -032 LAT 09 03.4N LONG 140 17.9W

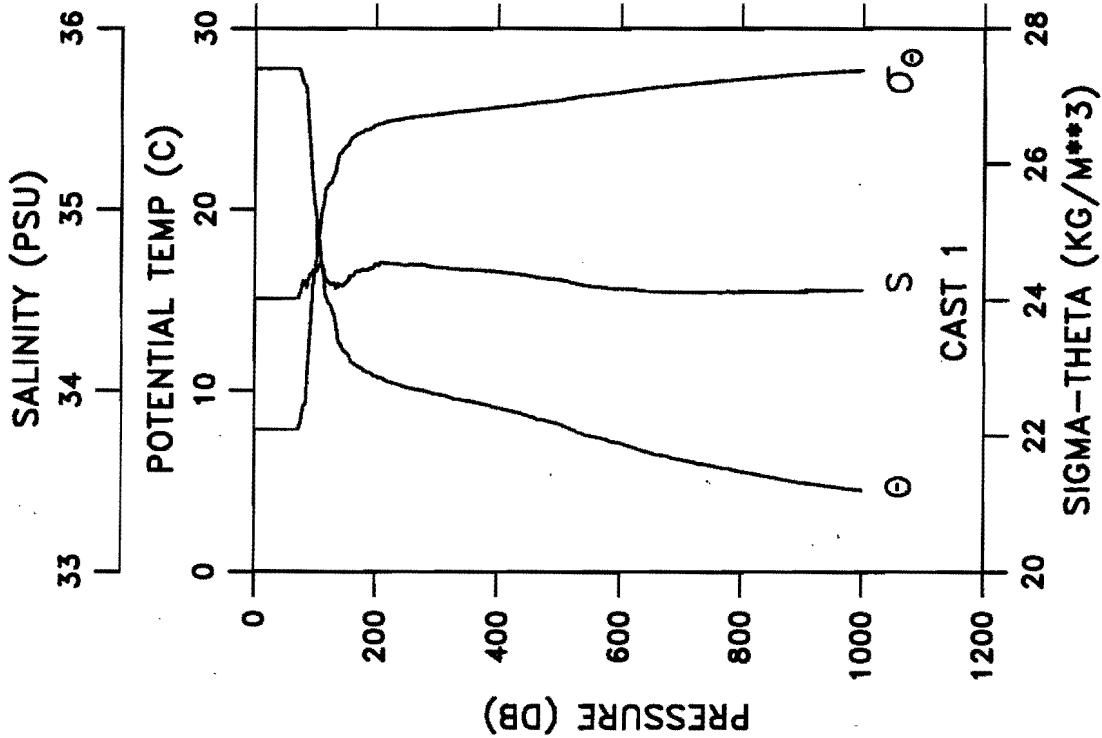
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.522	34.316	27.519	22.038
77.	27.193	34.327	27.175	22.138
151.	11.634	34.688	11.615	26.420
201.	10.840	34.705	10.815	26.576
401.	9.199	34.654	9.155	26.817
601.	6.969	34.545	6.911	27.067
800.	5.349	34.539	5.281	27.270
1001.	4.546	34.556	4.466	27.375
1250.	3.733	34.578	3.638	27.478
1500.	3.102	34.597	2.992	27.554
1749.	2.625	34.615	2.501	27.610
2002.	2.245	34.633	2.104	27.658

CAST GP2-95-DI -031 LAT 08 00.3N LONG 140 10.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	27.723	34.545	27.721	22.144
75.	27.587	34.529	27.569	22.163
152.	11.649	34.692	11.630	26.418
201.	10.894	34.702	10.869	26.565
301.	10.037	34.694	10.002	26.707
398.	9.211	34.658	9.167	26.816
500.	8.165	34.610	8.113	26.943
601.	7.065	34.573	7.007	27.072
699.	6.132	34.575	6.069	27.177
801.	5.388	34.543	5.320	27.265
1000.	4.556	34.557	4.476	27.372

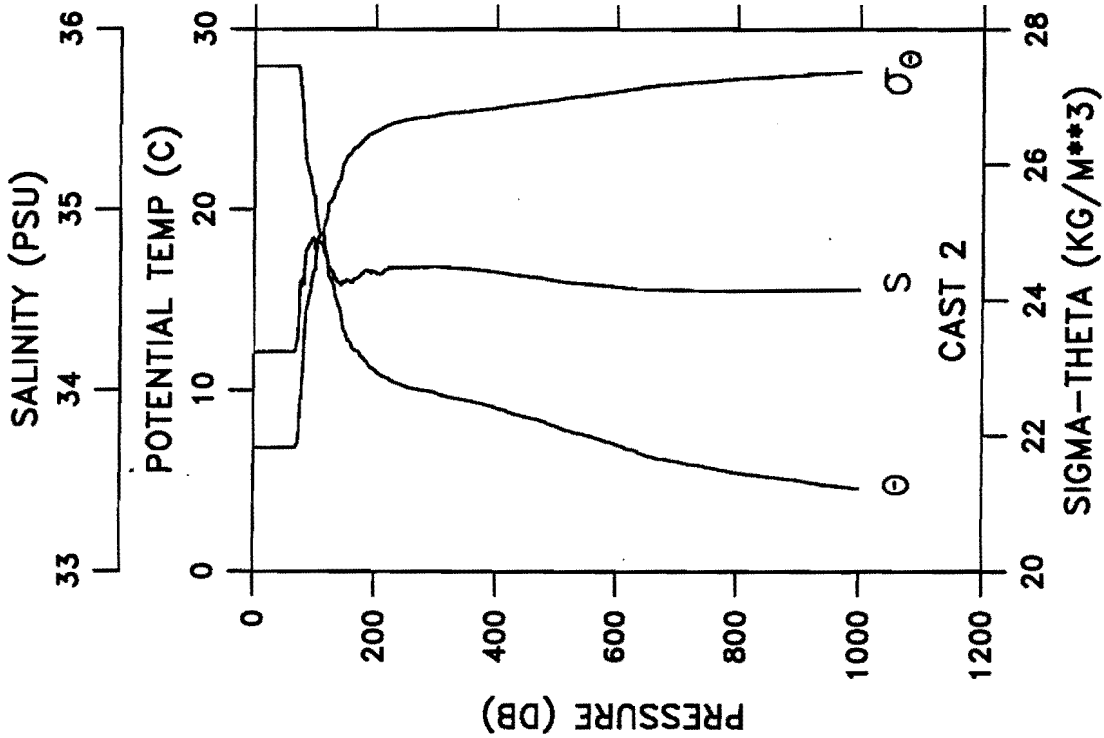
GP3-95-DI
April 3-22, 1995
CTD and Hydrographic Data Summary

CAST GP3-95-DI -001 DATE 06 APR 95 TIME 1313 GMT
 LAT 08 00.8N LONG 155 01.3W WEATHER 5 SEA STATE 4
 BAROMETER 07 WIND DIR 001 T SPD 66 KT VISIBILITY 7
 CLOUD 4 AMOUNT 1 DRY 27.8 WET 25.1 DEPTH 3309 M



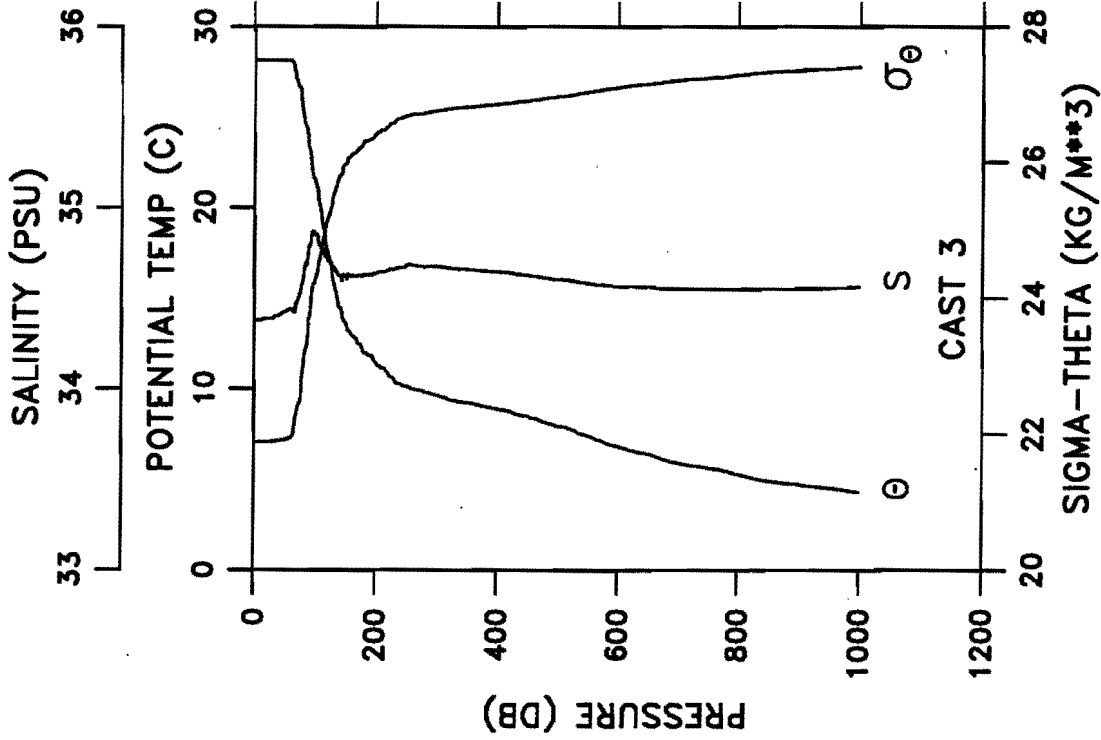
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.787	34.509	22.087	0.000
10	27.787	34.508	22.086	0.057
20	27.786	34.509	22.087	0.114
30	27.786	34.508	22.087	0.172
40	27.786	34.509	22.087	0.229
50	27.786	34.509	22.087	0.287
60	27.787	34.509	22.087	0.344
70	27.786	34.509	22.088	0.401
80	26.989	34.608	22.424	0.458
90	24.242	34.625	23.288	0.510
100	20.236	34.656	24.438	0.550
110	17.259	34.694	25.218	0.581
120	15.008	34.606	25.667	0.607
130	14.226	34.585	25.827	0.629
140	12.584	34.586	26.155	0.650
150	12.102	34.600	26.259	0.668
160	11.558	34.633	26.398	0.686
170	11.328	34.656	26.448	0.702
180	11.123	34.669	26.496	0.718
190	11.004	34.675	26.522	0.734
200	10.790	34.701	26.580	0.749
250	10.169	34.682	26.683	0.821
300	9.802	34.682	26.737	0.891
350	9.442	34.689	26.788	0.958
400	9.056	34.658	26.842	1.023
450	8.610	34.636	26.895	1.086
500	8.164	34.614	26.946	1.147
550	7.498	34.578	27.016	1.205
600	7.101	34.566	27.063	1.260
650	6.545	34.550	27.126	1.313
700	6.181	34.547	27.171	1.364
750	5.832	34.546	27.215	1.412
800	5.501	34.545	27.255	1.459
800	4.907	34.550	27.329	1.547
1000	4.485	34.557	27.382	1.629
1500	2.914	34.605	27.578	1.974
2000	2.040	34.641	27.681	2.253
2500	1.685	34.663	27.726	2.495
3000	1.462	34.674	27.751	2.729
3500	1.251	34.684	27.774	2.953
4000	1.085	34.692	27.782	3.171
4006	1.085	34.692	27.782	3.173

CAST GP3-95-DI -002 DATE 07 APR 95 TIME 1028 GMT
 LAT 07 00.3N LONG 155 00.0W WEATHER 2 SEA STATE 4
 BAROMETER 09 WIND DIR 045 T SPD 10 KT VISIBILITY 7
 CLOUD 6 AMOUNT 7 DRY 27.2 WET 25.1 DEPTH 5391 M



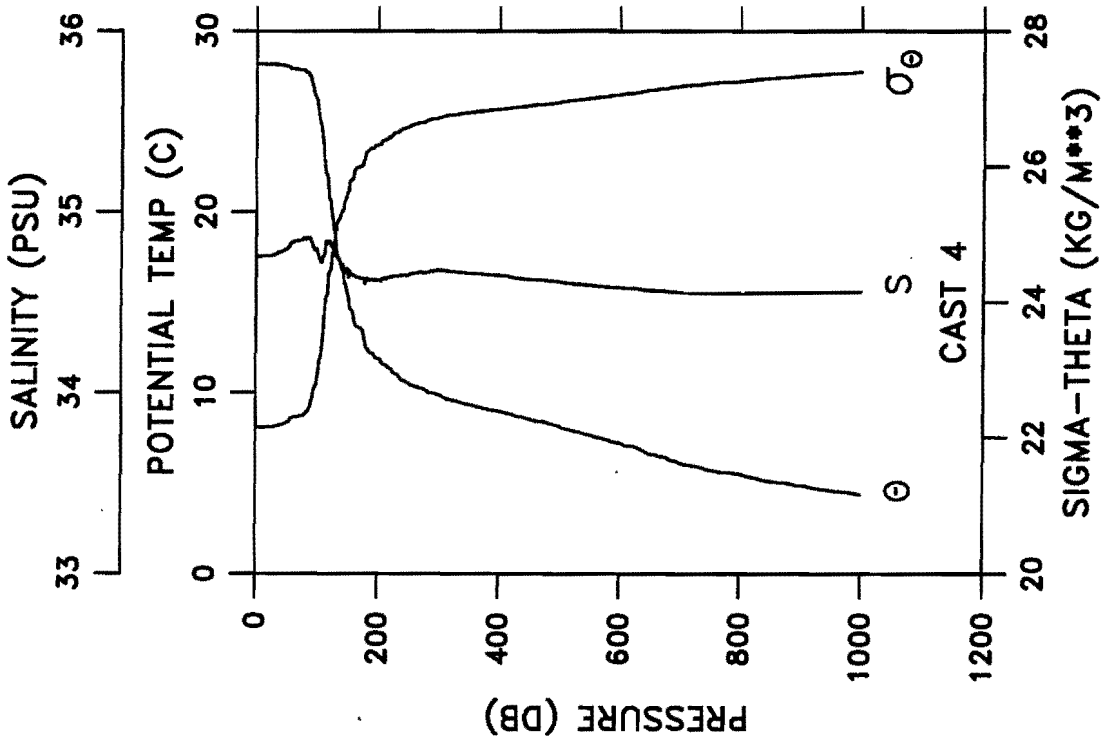
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.950	34.210	21.819	0.000
10	27.956	34.212	21.818	0.060
20	27.957	34.212	21.818	0.120
30	27.957	34.213	21.819	0.180
40	27.957	34.213	21.819	0.240
50	27.956	34.213	21.820	0.300
60	27.957	34.213	21.819	0.360
70	27.927	34.260	21.864	0.420
80	25.337	34.624	22.956	0.476
90	22.083	34.803	24.046	0.518
100	20.586	34.782	24.441	0.555
110	18.657	34.815	24.968	0.586
120	17.198	34.728	25.260	0.615
130	15.858	34.649	25.511	0.641
140	14.560	34.600	25.759	0.665
150	13.183	34.601	26.048	0.686
160	12.478	34.599	26.186	0.705
170	12.161	34.622	26.266	0.723
180	11.790	34.653	26.360	0.741
190	11.358	34.661	26.447	0.757
200	11.128	34.657	26.486	0.773
250	10.221	34.681	26.665	0.848
300	8.880	34.687	26.729	0.918
350	9.462	34.674	26.788	0.985
400	8.043	34.656	26.843	1.050
450	8.534	34.632	26.904	1.113
500	8.032	34.609	26.962	1.173
550	7.516	34.591	27.024	1.231
600	7.021	34.576	27.082	1.286
650	6.411	34.561	27.152	1.337
700	6.085	34.558	27.192	1.387
750	5.763	34.554	27.230	1.434
800	5.441	34.552	27.268	1.480
900	5.036	34.553	27.317	1.568
1000	4.569	34.560	27.375	1.651
1003	4.556	34.560	27.377	1.653

CAST GP3-95-D1 -003 DATE 07 APR 95 TIME 1536 GMT
 LAT 06 00.2N LONG 154 56.6W WEATHER 8 SEA STATE 5
 BAROMETER 07 WIND DIR 070 T SPD 18 KT VISIBILITY 8
 CLOUD 6 AMOUNT 6 DRY 27.3 WET 25.0 DEPTH 1010 M



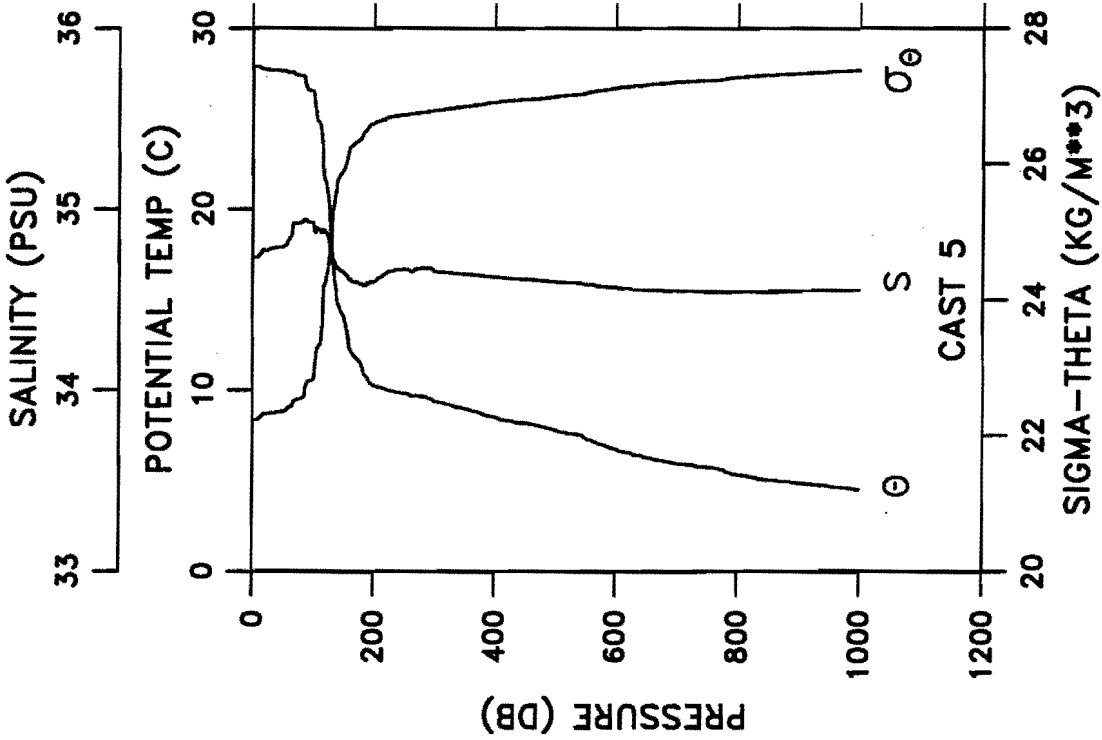
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.146	34.379	21.883	0.000
10	28.142	34.378	21.882	0.059
20	28.153	34.385	21.885	0.119
30	28.153	34.388	21.887	0.178
40	28.155	34.403	21.897	0.237
50	28.145	34.423	21.916	0.296
60	28.088	34.440	21.947	0.356
70	27.001	34.470	22.320	0.413
80	25.186	34.597	22.988	0.466
90	23.226	34.785	23.714	0.512
100	21.474	34.856	24.256	0.551
110	19.621	34.770	24.687	0.586
120	17.539	34.709	25.162	0.616
130	15.846	34.873	25.532	0.643
140	14.460	34.824	25.800	0.667
150	13.622	34.622	25.974	0.688
160	12.937	34.825	26.116	0.708
170	12.554	34.823	26.189	0.727
180	11.985	34.829	26.304	0.745
190	11.826	34.831	26.336	0.763
200	11.444	34.835	26.411	0.780
250	10.146	34.884	26.681	0.856
300	9.664	34.876	26.756	0.925
350	9.249	34.858	26.811	0.990
400	8.898	34.846	26.858	1.055
450	8.504	34.827	26.905	1.117
500	7.953	34.806	26.971	1.177
550	7.386	34.581	27.035	1.234
600	6.809	34.568	27.103	1.288
650	6.391	34.562	27.156	1.339
700	5.893	34.550	27.211	1.388
750	5.625	34.549	27.243	1.434
800	5.279	34.550	27.286	1.479
800	4.737	34.553	27.351	1.563
1000	4.292	34.562	27.407	1.643
1002	4.292	34.561	27.407	1.644

CAST GP3-95-DI -004 DATE 07 APR 95 TIME 2106 GMT
 LAT 05 02.9N LONG 154 58.5W WEATHER 1 SEA STATE 9
 BAROMETER 08 WIND DIR 701 T SPD 55 KT VISIBILITY 0
 CLOUD 8 AMOUNT 3 DRY 29.0 WET 26.3 DEPTH 4692 M



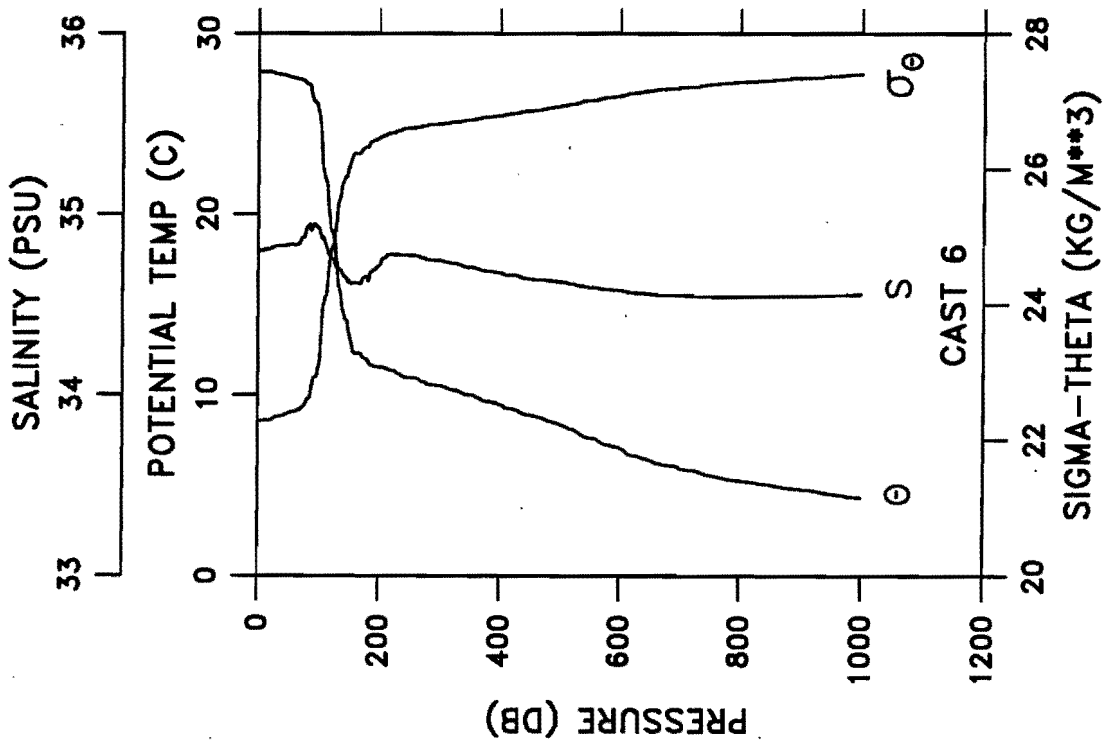
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.197	34.752	22.146	0.000
10	28.172	34.754	22.155	0.057
20	28.165	34.755	22.159	0.113
30	28.155	34.761	22.167	0.170
40	28.129	34.778	22.188	0.227
50	28.065	34.794	22.221	0.283
60	27.918	34.831	22.297	0.339
70	27.877	34.839	22.316	0.394
80	27.789	34.853	22.355	0.450
90	27.268	34.838	22.512	0.504
100	25.952	34.779	22.883	0.556
110	23.638	34.750	23.561	0.603
120	20.706	34.833	24.448	0.642
130	18.242	34.754	25.025	0.675
140	16.795	34.708	25.339	0.703
150	15.386	34.661	25.626	0.728
160	14.066	34.648	25.902	0.751
170	13.570	34.635	25.995	0.771
180	12.462	34.631	26.214	0.791
190	12.159	34.623	26.266	0.809
200	11.871	34.621	26.320	0.827
250	10.545	34.648	26.583	0.908
300	9.870	34.677	26.722	0.979
350	9.346	34.660	26.797	1.046
400	8.965	34.648	26.848	1.111
450	8.553	34.627	26.897	1.174
500	8.144	34.612	26.947	1.234
550	7.648	34.594	27.007	1.293
600	7.204	34.581	27.061	1.348
650	6.587	34.565	27.133	1.401
700	6.077	34.555	27.191	1.452
750	5.708	34.548	27.233	1.499
800	5.504	34.546	27.256	1.545
900	4.853	34.552	27.337	1.632
1000	4.378	34.560	27.396	1.713
1500	2.815	34.608	27.589	2.051
2000	2.048	34.642	27.681	2.325
2500	1.688	34.662	27.725	2.568
3000	1.505	34.670	27.745	2.806
3004	1.505	34.670	27.745	2.808

CAST GP3-95-DI --005 DATE 08 APR 95 TIME 0327 GMT
 LAT 04 00.2N LONG 154 59.9W WEATHER 6 SEA STATE 4
 BAROMETER 06 WIND DIR 090 T SPD 15 KT VISIBILITY 8
 CLOUD 6 AMOUNT 8 DRY 27.0 WET 26.0 DEPTH 1012 M



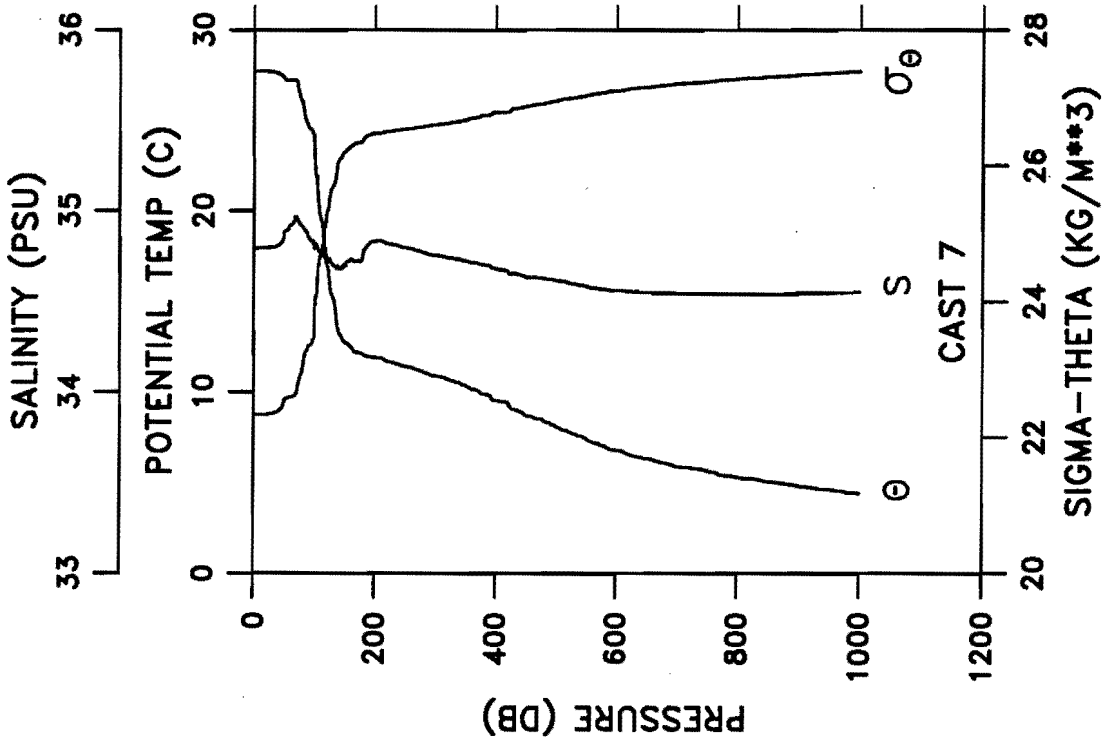
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.893	34.735	22.232	0.000
10	27.865	34.740	22.246	0.056
20	27.724	34.774	22.317	0.111
30	27.694	34.782	22.333	0.166
40	27.675	34.788	22.343	0.221
50	27.648	34.792	22.355	0.276
60	27.549	34.835	22.419	0.331
70	27.434	34.921	22.521	0.385
80	27.369	34.926	22.546	0.439
90	26.601	34.933	22.796	0.491
100	26.458	34.922	22.832	0.542
110	24.765	34.887	23.328	0.589
120	21.552	34.875	24.249	0.631
130	18.089	34.747	25.057	0.665
140	14.766	34.673	25.772	0.691
150	14.078	34.649	25.900	0.713
160	12.283	34.613	26.235	0.733
170	11.766	34.595	26.319	0.750
180	11.291	34.586	26.401	0.767
190	10.586	34.594	26.534	0.783
200	10.247	34.598	26.596	0.798
250	9.825	34.667	26.722	0.869
300	9.380	34.657	26.788	0.936
350	8.888	34.641	26.842	1.001
400	8.509	34.626	26.903	1.063
450	8.182	34.613	26.943	1.123
500	7.806	34.599	26.988	1.182
550	7.396	34.587	27.038	1.238
600	6.734	34.569	27.116	1.292
650	6.282	34.554	27.164	1.342
700	5.938	34.548	27.204	1.391
750	5.745	34.544	27.224	1.438
800	5.326	34.543	27.274	1.484
900	4.885	34.547	27.390	1.570
1000	4.515	34.556	27.378	1.653
1007	4.480	34.557	27.382	1.658

CAST CP3-95-D1 -006 DATE 08 APR 95 TIME 0832 GMT
 LAT 03 00.2N LONG 155 00.1W WEATHER 1 SEA STATE 4
 BAROMETER 09 WIND DIR 120 T SPD 12 KT VISIBILITY 8
 CLOUD 3 AMOUNT 3 DRY 28.0 WET 25.2 DEPTH 4829 M



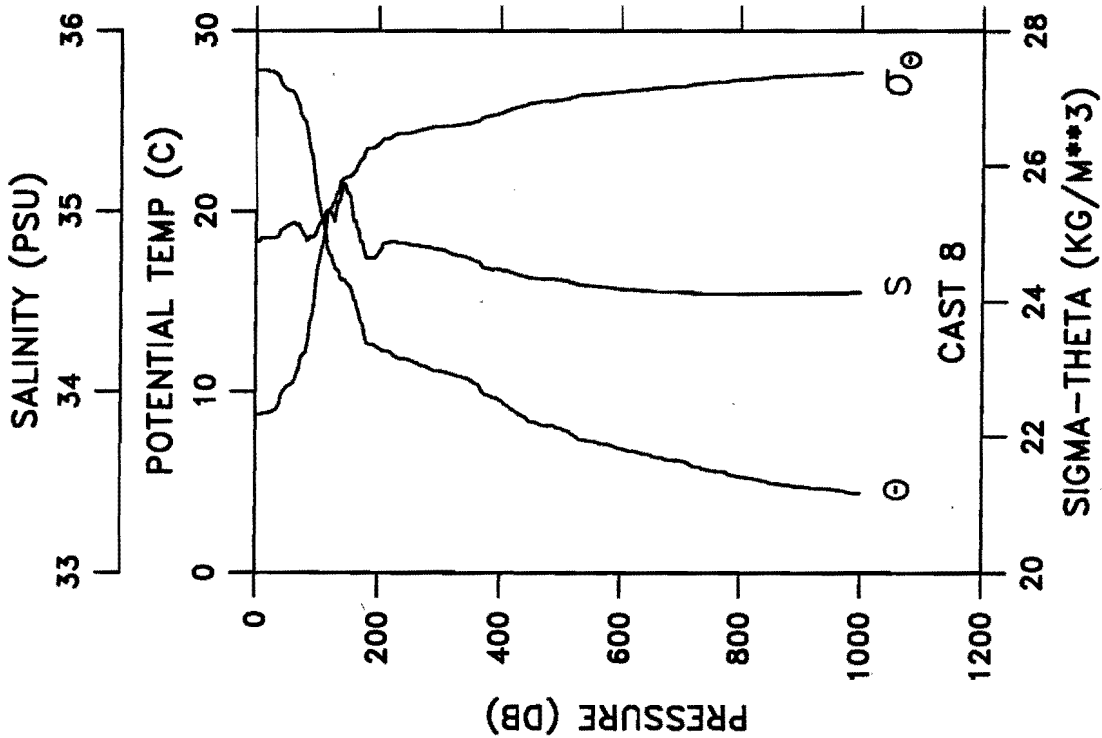
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.879	34.786	22.283	0.000
10	27.882	34.800	22.285	0.055
20	27.878	34.806	22.291	0.111
30	27.755	34.821	22.342	0.166
40	27.711	34.823	22.358	0.221
50	27.602	34.828	22.397	0.276
60	27.520	34.828	22.424	0.330
70	27.463	34.849	22.458	0.384
80	27.213	34.923	22.583	0.438
90	26.346	34.928	22.873	0.490
100	25.590	34.920	23.102	0.539
110	22.065	34.840	24.080	0.582
120	19.177	34.754	24.789	0.618
130	16.992	34.714	25.298	0.648
140	14.613	34.667	25.800	0.672
150	13.409	34.623	26.019	0.694
160	12.306	34.617	26.233	0.712
170	12.206	34.622	26.257	0.731
180	11.988	34.649	26.323	0.748
190	11.602	34.689	26.423	0.765
200	11.533	34.717	26.458	0.781
250	10.956	34.771	26.805	0.858
300	10.514	34.742	26.862	0.931
350	9.996	34.704	26.722	1.002
400	9.465	34.674	26.788	1.070
450	8.887	34.640	26.855	1.135
500	8.360	34.623	26.924	1.198
550	7.613	34.595	27.013	1.256
600	7.051	34.576	27.078	1.312
650	6.388	34.558	27.153	1.363
700	5.936	34.550	27.205	1.412
750	5.561	34.544	27.247	1.459
800	5.267	34.542	27.281	1.504
900	4.792	34.546	27.339	1.590
1000	4.341	34.555	27.386	1.670
1001	4.341	34.555	27.386	1.671

CAST GP3-95-DI -007 DATE 08 APR 95 TIME 1450 GMT
 LAT 02 02.4N LONG 155 00.0W WEATHER 0 SEA STATE 3
 BAROMETER 09 WIND DIR 090 T SPD 14 KT VISIBILITY 8
 CLOUD 8 AMOUNT 1 DRY 27.5 WET 24.5 DEPTH 4438 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.713	34.796	22.337	0.000
10	27.714	34.795	22.336	0.055
20	27.713	34.796	22.337	0.110
30	27.881	34.799	22.349	0.165
40	27.592	34.809	22.386	0.220
50	27.289	34.871	22.530	0.274
60	27.210	34.921	22.593	0.327
70	27.150	34.966	22.646	0.378
80	25.938	34.916	22.991	0.430
90	24.809	34.854	23.351	0.477
100	23.084	34.789	23.757	0.522
110	19.628	34.776	24.689	0.558
120	17.080	34.720	25.281	0.589
130	15.256	34.702	25.687	0.614
140	13.335	34.681	26.078	0.636
150	12.783	34.698	26.202	0.654
160	12.483	34.735	26.288	0.673
170	12.185	34.723	26.337	0.690
180	12.111	34.747	26.372	0.707
190	11.858	34.815	26.454	0.723
200	11.913	34.833	26.477	0.740
250	11.425	34.797	26.540	0.818
300	10.904	34.755	26.603	0.894
350	10.360	34.724	26.675	0.968
400	9.533	34.681	26.782	1.038
450	8.714	34.633	26.876	1.103
500	8.113	34.617	26.956	1.164
550	7.424	34.585	27.033	1.222
600	6.785	34.563	27.104	1.275
650	6.336	34.552	27.155	1.327
700	5.886	34.545	27.208	1.375
750	5.675	34.544	27.233	1.423
800	5.307	34.542	27.276	1.468
900	4.821	34.544	27.335	1.554
1000	4.401	34.553	27.388	1.636
1500	2.907	34.599	27.573	1.982
2000	2.131	34.636	27.670	2.266
2500	1.650	34.660	27.726	2.510
3000	1.479	34.668	27.746	2.744
3500	1.200	34.682	27.777	2.970
4000	1.096	34.688	27.788	3.188
4500	1.001	34.682	27.798	3.406
4504	1.001	34.682	27.798	3.408

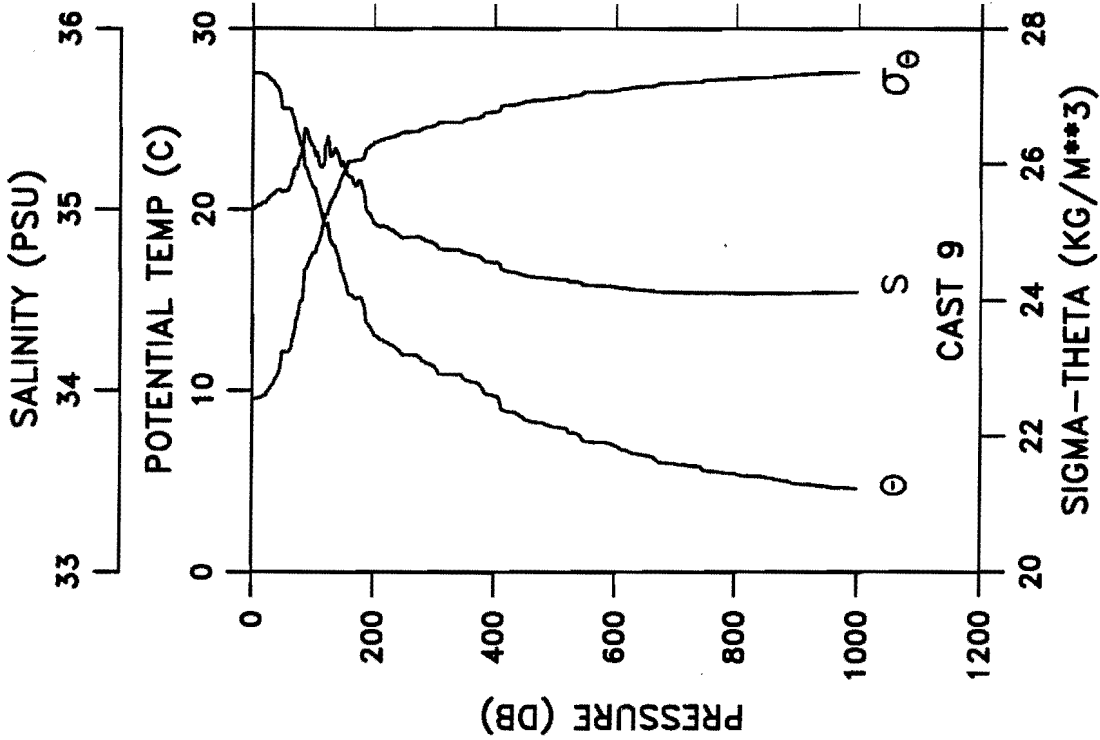
CAST GP3-95-D1 -008 DATE 08 APR 95 TIME 0846 GMT
 LAT 01 00.3N LONG 155 00.2W WEATHER 1 SEA STATE 4
 BAROMETER 11 WIND DIR 060 T SPD 18 KT VISIBILITY 9
 CLOUD 8 AMOUNT 2 DRY 28.0 WET 24.9 DEPTH 4748 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.830	34.831	22.326	0.000
10	27.830	34.851	22.340	0.055
20	27.779	34.852	22.357	0.110
30	27.673	34.854	22.393	0.165
40	27.140	34.892	22.594	0.219
50	26.732	34.918	22.743	0.270
60	26.605	34.936	22.797	0.321
70	25.836	34.927	23.031	0.371
80	24.975	34.858	23.243	0.418
90	23.248	34.858	23.756	0.462
100	20.816	34.903	24.471	0.501
110	19.339	34.969	24.912	0.534
120	17.593	35.001	25.373	0.562
130	16.765	34.993	25.566	0.588
140	16.203	35.116	25.791	0.611
150	15.918	35.100	25.844	0.633
160	15.073	34.942	25.912	0.655
170	13.961	34.840	26.073	0.676
180	12.721	34.738	26.246	0.695
190	12.612	34.740	26.269	0.713
200	12.438	34.767	26.324	0.731
250	11.778	34.817	26.490	0.813
300	11.161	34.790	26.583	0.890
350	10.682	34.740	26.630	0.965
400	9.537	34.679	26.779	1.036
450	8.342	34.631	26.932	1.099
500	7.987	34.621	26.978	1.158
550	7.244	34.587	27.059	1.214
600	6.844	34.568	27.101	1.268
650	6.483	34.559	27.142	1.319
700	6.178	34.551	27.175	1.369
750	5.652	34.543	27.236	1.417
800	5.302	34.541	27.276	1.462
850	4.764	34.544	27.341	1.548
900	4.409	34.550	27.385	1.629
1000	4.403	34.550	27.385	1.632

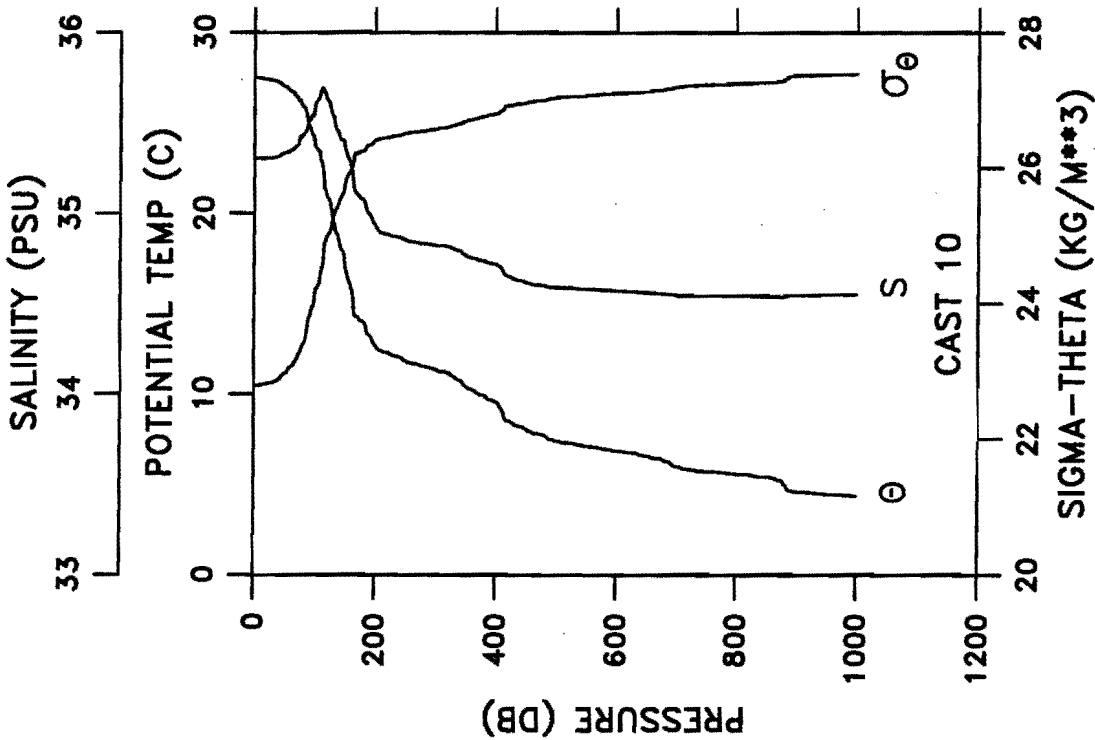
CAST GP3-95-D1 -009 DATE 09 APR 95 TIME 1405 GMT
 LAT 00 04.1N LONG 154 59.9W WEATHER 1 SEA STATE 4
 BAROMETER 09 WIND DIR 035 T SPD 15 KT VISIBILITY 8
 CLOUD 9 AMOUNT 1 DRY 27.5 WET 25.0 DEPTH 3073 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.554	35.005	22.545	0.000
10	27.560	35.024	22.561	0.053
20	27.472	35.041	22.598	0.106
30	27.179	35.074	22.718	0.158
40	26.804	35.101	22.858	0.208
50	25.564	35.088	23.244	0.257
60	25.584	35.114	23.251	0.304
70	24.812	35.223	23.568	0.349
80	23.583	35.296	23.980	0.390
90	22.243	35.436	24.483	0.427
100	21.255	35.348	24.691	0.461
110	20.347	35.254	24.864	0.483
120	19.148	35.352	25.253	0.523
130	18.241	35.291	25.436	0.548
140	17.537	35.308	25.823	0.574
150	16.359	35.252	25.859	0.597
160	15.319	35.181	26.041	0.618
170	15.092	35.126	26.050	0.638
180	15.061	35.135	26.063	0.658
190	13.706	34.984	26.237	0.677
200	13.130	34.923	26.308	0.695
250	11.966	34.845	26.476	0.780
300	11.367	34.814	26.564	0.859
350	10.665	34.761	26.650	0.834
400	9.715	34.705	26.770	1.004
450	8.436	34.638	26.923	1.067
500	7.998	34.618	26.974	1.127
550	7.198	34.585	27.065	1.184
600	6.953	34.575	27.090	1.238
650	6.410	34.557	27.148	1.289
700	5.961	34.545	27.198	1.338
750	5.572	34.544	27.246	1.385
800	5.408	34.540	27.262	1.431
900	4.879	34.541	27.326	1.519
1000	4.569	34.547	27.365	1.602
2000	2.926	34.597	27.570	1.950
2500	2.190	34.631	27.661	2.235
3000	1.701	34.656	27.720	2.486
3000	1.442	34.668	27.748	2.721
3002	1.441	34.668	27.748	2.722

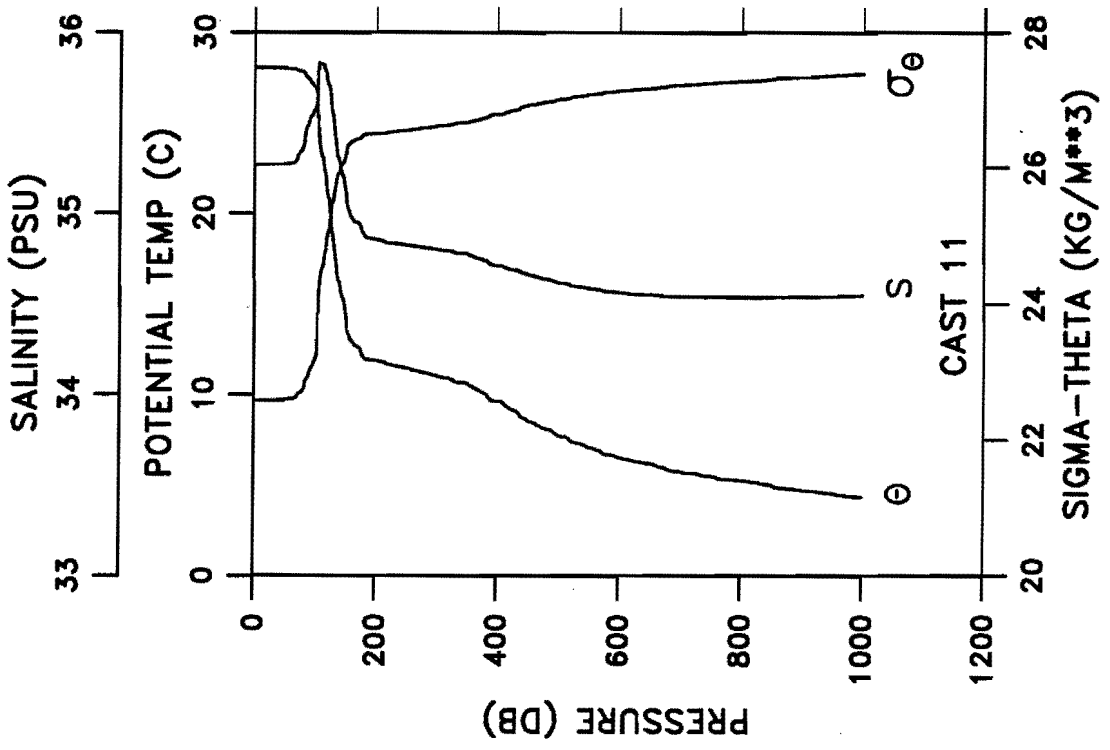


CAST GP3-95-DI -010 DATE 09 APR 95 TIME 2048 GMT
 LAT 00 59.5S LONG 155 00.8W WEATHER 1 SEA STATE 4
 BAROMETER 11 WIND DIR 040 T SPD 14 KT VISIBILITY 9
 CLOUD 8 AMOUNT 3 DRY 25.5 WET 25.0 DEPTH 4745 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.507	35.303	22.785	0.000
10	27.470	35.303	22.787	0.051
20	27.417	35.303	22.814	0.101
30	27.368	35.306	22.832	0.151
40	27.237	35.316	22.882	0.202
50	27.018	35.332	22.984	0.251
60	26.734	35.349	23.088	0.300
70	26.424	35.374	23.184	0.348
80	25.909	35.434	23.391	0.394
90	24.842	35.513	23.779	0.437
100	23.802	35.593	24.151	0.478
110	22.908	35.678	24.476	0.514
120	20.907	35.630	25.000	0.547
130	19.537	35.539	25.286	0.576
140	18.412	35.430	25.500	0.602
150	16.984	35.356	25.792	0.626
160	15.798	35.257	25.993	0.647
170	14.262	35.108	26.215	0.667
180	13.979	35.073	26.249	0.685
190	13.244	34.994	26.339	0.702
200	12.685	34.934	26.405	0.719
250	11.818	34.854	26.511	0.800
300	11.356	34.823	26.573	0.878
350	10.432	34.766	26.695	0.952
400	9.568	34.716	26.803	1.021
450	8.056	34.617	26.965	1.082
500	7.376	34.589	27.042	1.139
550	7.097	34.579	27.074	1.193
600	6.842	34.570	27.102	1.246
650	6.568	34.561	27.132	1.298
700	5.981	34.547	27.197	1.348
750	5.707	34.543	27.229	1.395
800	5.570	34.541	27.244	1.442
900	4.587	34.546	27.361	1.531
1000	4.374	34.550	27.389	1.611
1007	4.369	34.550	27.389	1.616

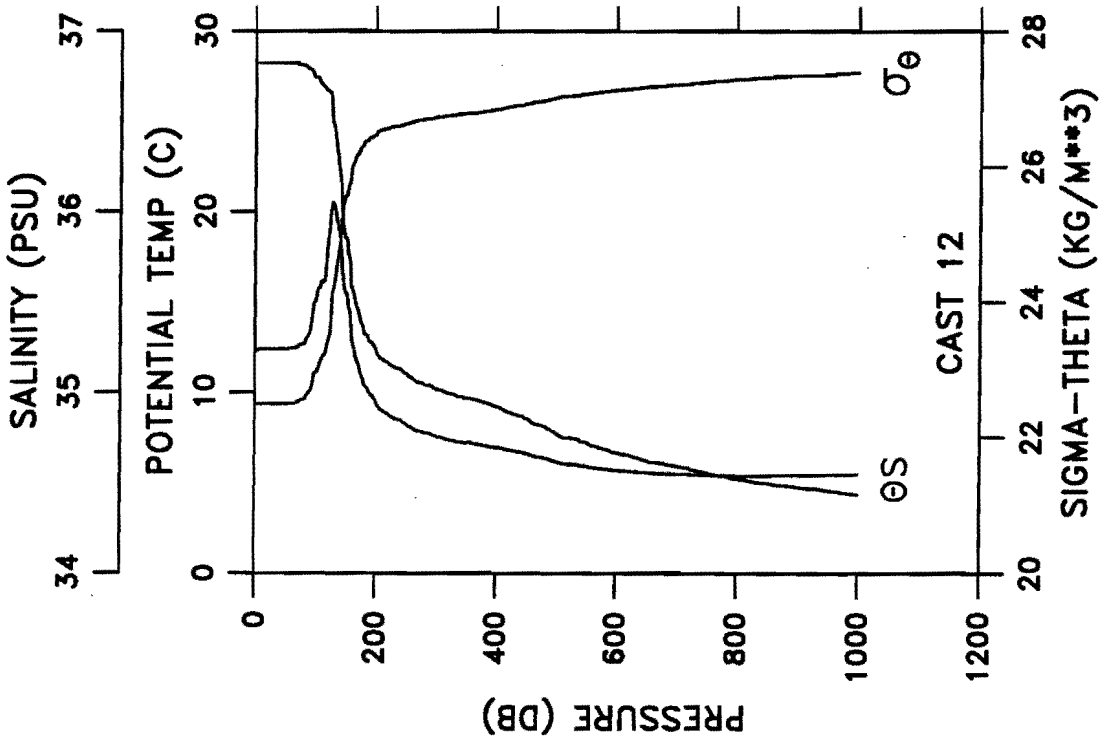


CAST GP3-95-D1 -011 DATE 10 APR 95 TIME 0844 GMT
 LAT 02 00.55 LONG 155 00.1W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 050 T SPD 01 KT VISIBILITY 9
 CLOUD 8 AMOUNT 1 DRY 28.0 WET 24.7 DEPTH 5080 M



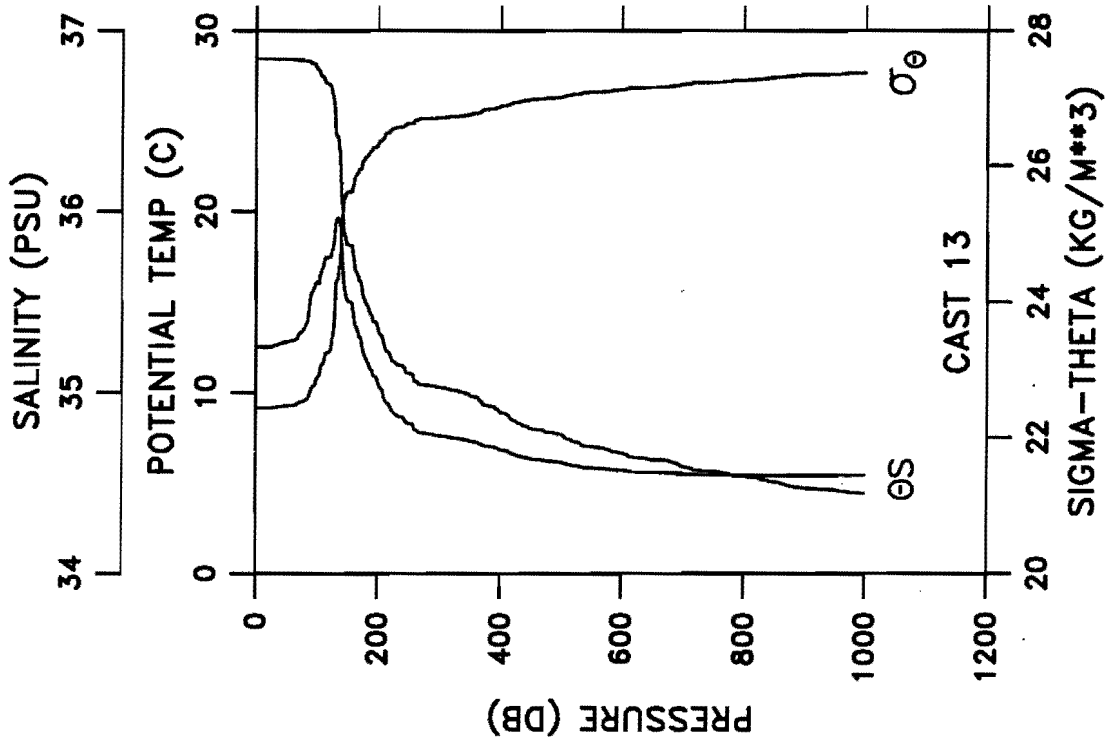
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.059	35.284	22.576	0.000
10	28.059	35.289	22.580	0.053
20	28.056	35.270	22.582	0.105
30	28.049	35.270	22.584	0.158
40	28.048	35.270	22.585	0.211
50	28.012	35.270	22.596	0.263
60	27.985	35.273	22.604	0.316
70	27.931	35.298	22.643	0.369
80	27.802	35.365	22.736	0.420
90	27.374	35.510	22.984	0.471
100	26.908	35.577	23.184	0.519
110	23.247	35.826	24.490	0.559
120	21.194	35.728	24.987	0.592
130	18.668	35.524	25.508	0.620
140	16.161	35.281	25.927	0.643
150	14.514	35.133	26.181	0.662
160	12.931	34.977	26.389	0.680
170	12.636	34.947	26.425	0.696
180	12.062	34.882	26.486	0.712
190	11.906	34.862	26.500	0.728
200	11.875	34.856	26.502	0.744
250	11.457	34.825	26.556	0.822
300	11.055	34.802	26.612	0.897
350	10.638	34.778	26.668	0.971
400	9.630	34.712	26.790	1.040
450	8.563	34.663	26.924	1.104
500	7.742	34.618	27.012	1.163
550	7.072	34.586	27.083	1.218
600	6.512	34.563	27.141	1.269
650	6.192	34.552	27.174	1.319
700	5.745	34.543	27.223	1.367
750	5.474	34.538	27.253	1.413
800	5.240	34.536	27.280	1.457
900	4.694	34.540	27.345	1.543
1000	4.324	34.547	27.391	1.623
1008	4.280	34.547	27.397	1.630

CAST GP3-95-D1 -012 DATE 10 APR 95 TIME 1336 GMT
 LAT 02 59.8S LONG 155 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 030 T SPD 13 KT VISIBILITY 8
 CLOUD 8 AMOUNT 3 DRY 28.0 WET 25.0 DEPTH 5110 M



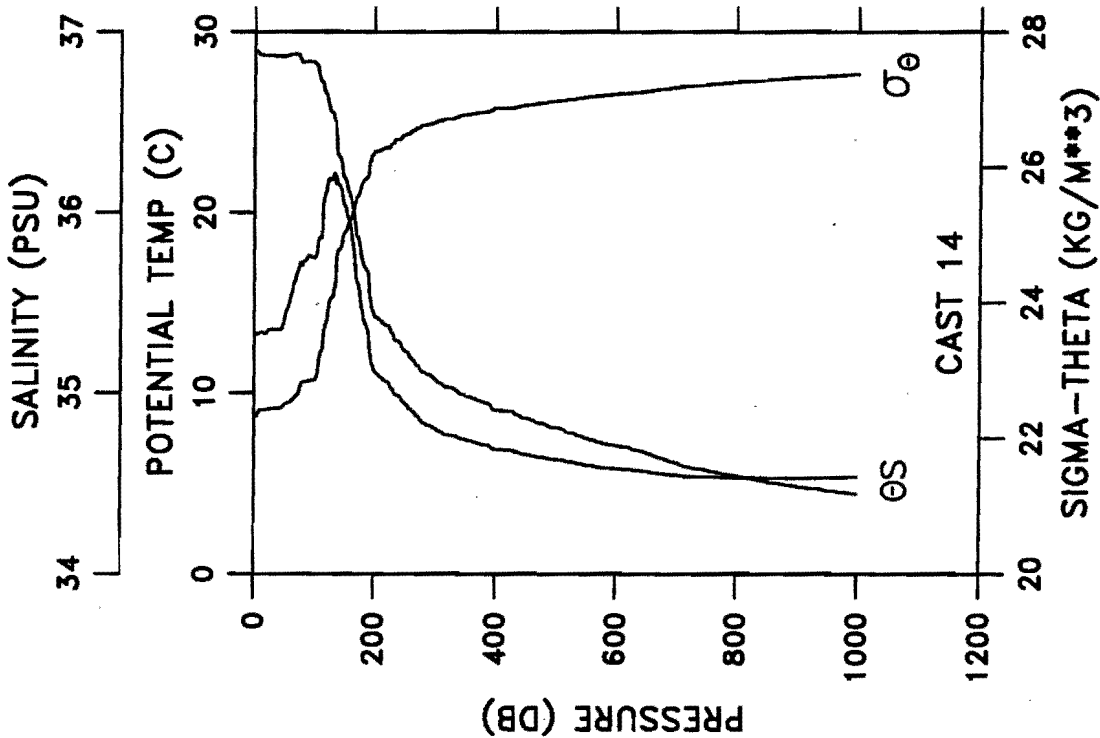
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.240	35.235	22.495	0.000
10	28.235	35.237	22.498	0.053
20	28.233	35.238	22.499	0.107
30	28.234	35.238	22.499	0.160
40	28.232	35.238	22.500	0.214
50	28.230	35.240	22.502	0.267
60	28.224	35.242	22.505	0.321
70	28.180	35.250	22.523	0.374
80	28.104	35.267	22.563	0.428
90	27.868	35.325	22.684	0.480
100	27.433	35.502	22.959	0.531
110	27.032	35.614	23.172	0.578
120	26.713	35.802	23.415	0.626
130	24.776	36.045	24.201	0.668
140	22.268	35.896	24.817	0.703
150	18.539	35.550	25.560	0.730
160	15.929	35.286	25.985	0.754
170	14.638	35.165	26.179	0.773
180	13.382	35.048	26.352	0.791
190	12.805	34.992	26.426	0.808
200	12.386	34.947	26.474	0.824
250	11.040	34.823	26.631	0.900
300	10.181	34.753	26.729	0.970
350	9.685	34.719	26.787	1.038
400	9.225	34.693	26.842	1.104
450	8.551	34.661	26.924	1.166
500	7.712	34.616	27.015	1.224
550	7.224	34.592	27.066	1.278
600	6.644	34.569	27.128	1.332
650	6.226	34.557	27.174	1.382
700	5.917	34.550	27.207	1.430
750	5.549	34.543	27.248	1.477
800	5.212	34.540	27.286	1.522
850	4.754	34.542	27.341	1.607
900	4.359	34.548	27.388	1.688
1000	4.350	34.547	27.389	1.691
1003				

CAST GP3-95-D1 -013 DATE 10 APR 95 TIME 1832 GMT
 LAT 03 59.8S LONG 155 00.5W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 060 T SPD 09 KT VISIBILITY 9
 CLOUD 6 AMOUNT 4 DRY 27.0 WET 25.0 DEPTH 1945 M



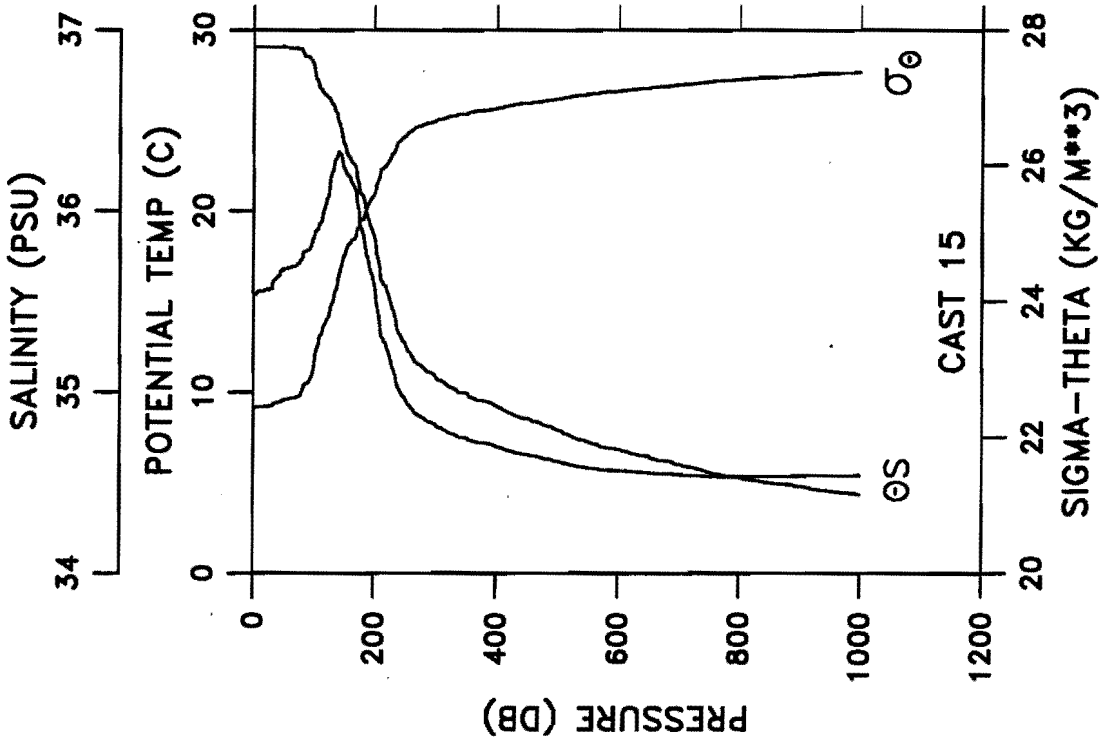
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.444	35.255	22.442	0.000
10	28.442	35.251	22.440	0.054
20	28.442	35.252	22.441	0.108
30	28.433	35.259	22.449	0.162
40	28.425	35.270	22.460	0.216
50	28.417	35.277	22.468	0.270
60	28.406	35.286	22.478	0.324
70	28.357	35.319	22.519	0.377
80	28.341	35.357	22.553	0.431
90	28.228	35.523	22.715	0.483
100	27.901	35.603	22.883	0.534
110	27.434	35.688	23.099	0.583
120	27.039	35.746	23.269	0.630
130	24.987	35.889	24.019	0.675
140	21.430	35.814	24.997	0.711
150	18.178	35.509	25.619	0.736
160	17.561	35.441	25.718	0.760
170	16.155	35.306	25.949	0.782
180	14.986	35.191	26.123	0.802
190	14.292	35.127	26.224	0.821
200	13.605	35.057	26.314	0.839
250	11.091	34.830	26.627	0.918
300	10.307	34.760	26.712	0.988
350	9.896	34.730	26.761	1.057
400	8.909	34.683	26.885	1.122
450	7.991	34.631	26.986	1.182
500	7.679	34.614	27.018	1.239
550	7.003	34.584	27.091	1.292
600	6.652	34.571	27.128	1.344
650	6.272	34.559	27.169	1.394
700	5.908	34.550	27.209	1.443
750	5.647	34.545	27.238	1.490
800	5.378	34.542	27.268	1.535
800	4.722	34.541	27.343	1.622
1000	4.436	34.544	27.377	1.703
1006	4.412	34.544	27.380	1.708

CAST GP3-95-DI-014 DATE 11 APR 95 TIME 0023 GMT
 LAT 05 01.9S LONG 154 58.2W WEATHER 1 SEA STATE 3
 BAROMETER 06 WIND DIR 080 T SPD 13 KT VISIBILITY 9
 CLOUD 6 AMOUNT 4 DRY 30.8 WET 28.9 DEPTH 5155 M



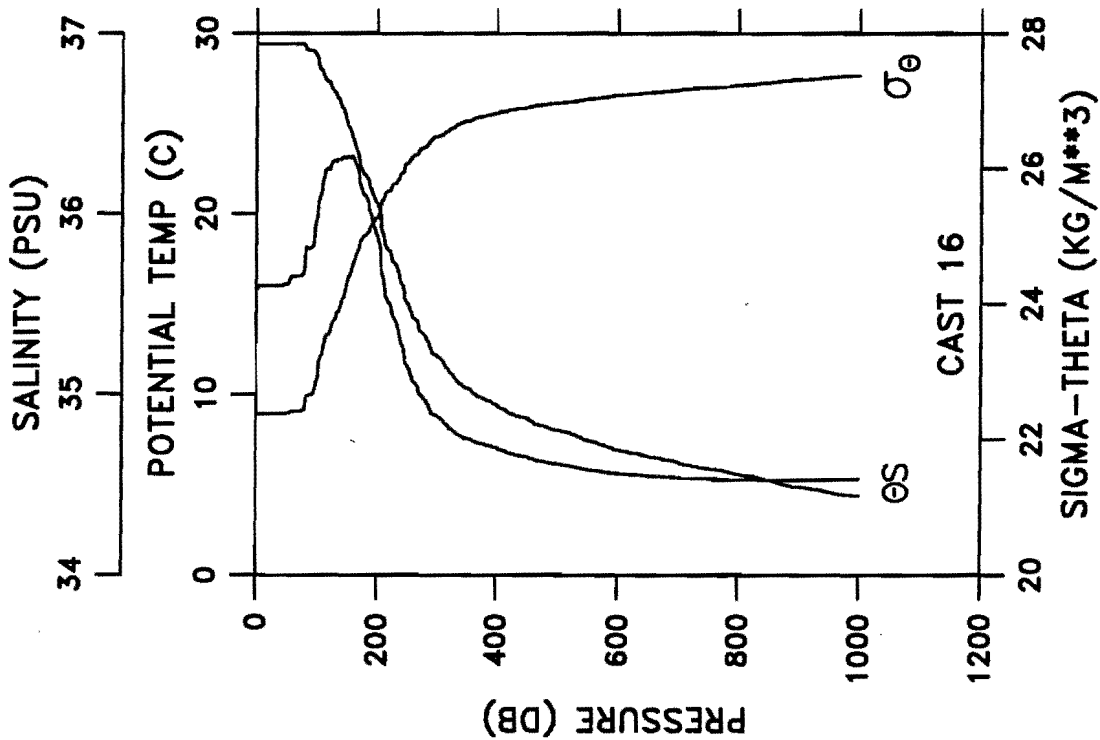
PRES (DB)	POT TEMP (C)	SAL (PSU)	SGK-TH	DELTA-D (DYN-M)
0	28.938	35.325	22.331	0.000
10	28.726	35.333	22.408	0.055
20	28.688	35.331	22.419	0.109
30	28.681	35.351	22.437	0.163
40	28.658	35.350	22.443	0.217
50	28.645	35.412	22.494	0.271
60	28.753	35.526	22.544	0.324
70	28.773	35.648	22.629	0.377
80	28.314	35.705	22.824	0.429
90	28.377	35.759	22.844	0.479
100	28.319	35.747	22.854	0.530
110	27.330	35.859	23.260	0.579
120	26.559	36.116	23.701	0.624
130	25.529	36.185	24.076	0.664
140	23.171	36.157	24.763	0.700
150	21.965	36.050	25.027	0.731
160	20.924	35.929	25.223	0.760
170	18.959	35.638	25.520	0.787
180	17.466	35.455	25.753	0.811
190	16.601	35.333	25.865	0.834
200	14.251	35.119	26.227	0.853
250	12.350	34.944	26.478	0.941
300	10.771	34.803	26.664	1.016
350	9.883	34.742	26.771	1.086
400	9.045	34.689	26.868	1.151
450	8.624	34.661	26.913	1.214
500	8.075	34.634	26.975	1.274
550	7.512	34.603	27.034	1.331
600	7.100	34.584	27.078	1.385
650	6.719	34.569	27.118	1.438
700	6.154	34.549	27.176	1.489
750	5.764	34.538	27.217	1.537
800	5.446	34.534	27.253	1.583
800	4.882	34.533	27.318	1.671
1000	4.424	34.540	27.375	1.754
1005	4.393	34.540	27.379	1.758

CAST GP3-95-DI --015 DATE 11 APR 95 TIME 0657 GMT
 LAT 06 00.0S LONG 155 00.0W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 070 T SPD 14 KT VISIBILITY 9
 CLOUD 8 AMOUNT 2 DRY 29.5 WET 25.8 DEPTH 5214 M



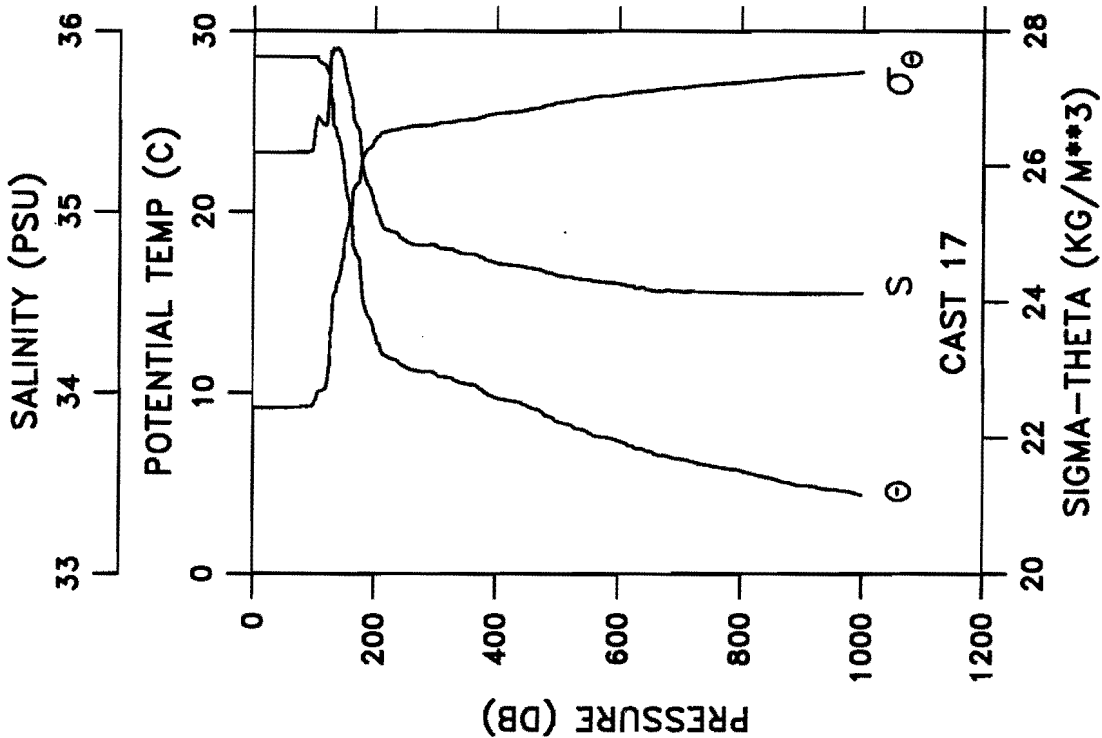
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.079	35.539	22.444	0.000
10	29.087	35.558	22.456	0.054
20	29.087	35.564	22.461	0.108
30	29.087	35.569	22.465	0.161
40	29.076	35.635	22.518	0.215
50	29.075	35.680	22.552	0.268
60	29.026	35.688	22.574	0.321
70	28.988	35.687	22.590	0.374
80	28.828	35.731	22.673	0.427
90	28.543	35.781	22.805	0.478
100	27.995	35.849	23.037	0.528
110	26.757	35.934	23.501	0.574
120	26.402	36.036	23.690	0.617
130	25.893	36.216	23.986	0.659
140	24.971	36.317	24.347	0.697
150	23.728	36.238	24.662	0.732
160	22.907	36.182	24.859	0.764
170	22.308	36.098	24.967	0.795
180	20.883	35.888	25.204	0.824
190	19.549	35.724	25.434	0.852
200	18.589	35.587	25.580	0.877
250	12.729	34.989	26.423	0.976
300	10.875	34.821	26.659	1.052
350	9.951	34.747	26.783	1.122
400	9.242	34.700	26.845	1.187
450	8.559	34.655	26.918	1.250
500	7.935	34.618	26.984	1.309
550	7.247	34.582	27.055	1.365
600	6.848	34.567	27.089	1.418
650	6.458	34.555	27.142	1.470
700	6.009	34.544	27.192	1.519
750	5.588	34.535	27.239	1.567
800	5.278	34.533	27.272	1.612
900	4.792	34.536	27.331	1.698
1000	4.348	34.541	27.384	1.779
1002	4.347	34.540	27.384	1.781

CAST GP3-95-DI -016 DATE 11 APR 95 TIME 1701 GMT
 LAT 08 13.1S LONG 154 52.0W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 070 T SPD 15 KT VISIBILITY 8
 CLOUD 8 AMOUNT 3 DRY 29.5 WET 25.5 DEPTH 5224 M



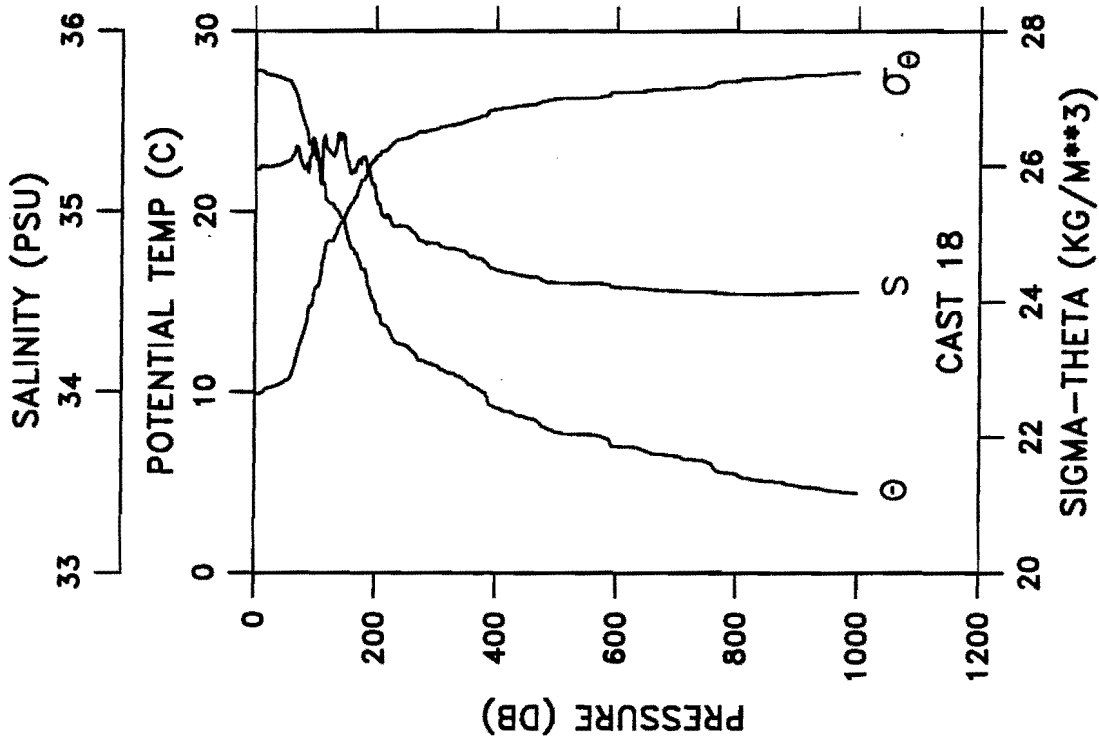
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.407	35.583	22.367	0.000
10	28.409	35.589	22.379	0.055
20	28.418	35.599	22.376	0.109
30	28.417	35.600	22.377	0.164
40	28.417	35.601	22.377	0.218
50	28.427	35.609	22.380	0.273
60	28.410	35.651	22.418	0.328
70	28.404	35.653	22.421	0.382
80	28.342	35.706	22.481	0.437
90	28.042	35.809	22.660	0.489
100	28.737	35.966	22.880	0.541
110	27.758	36.177	23.361	0.588
120	27.312	36.251	23.562	0.632
130	26.712	36.298	23.790	0.675
140	25.935	36.304	24.040	0.715
150	25.010	36.313	24.333	0.754
160	24.137	36.309	24.594	0.789
170	23.047	36.207	24.837	0.822
180	22.158	36.102	25.013	0.852
190	21.359	35.890	25.151	0.882
200	20.589	35.877	25.275	0.910
250	15.110	35.162	26.073	1.027
300	12.151	34.882	26.469	1.118
350	10.345	34.756	26.703	1.193
400	8.444	34.705	26.815	1.261
450	8.698	34.656	26.897	1.324
500	8.027	34.616	26.969	1.384
550	7.449	34.585	27.029	1.442
600	6.928	34.564	27.086	1.496
650	6.586	34.551	27.121	1.549
700	6.285	34.542	27.157	1.600
750	5.920	34.534	27.185	1.649
800	5.579	34.527	27.232	1.697
900	4.891	34.526	27.312	1.787
1000	4.398	34.533	27.373	1.870
1004	4.391	34.533	27.374	1.873

CAST GP3-95-DI -017 DATE 14 APR 95 TIME 0000 GMT
 LAT 02 12.8S LONG 170 01.5W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 040 T SPD 16 KT VISIBILITY 8
 CLOUD 9 AMOUNT 4 DRY 28.0 WET 24.0 DEPTH 0000 M



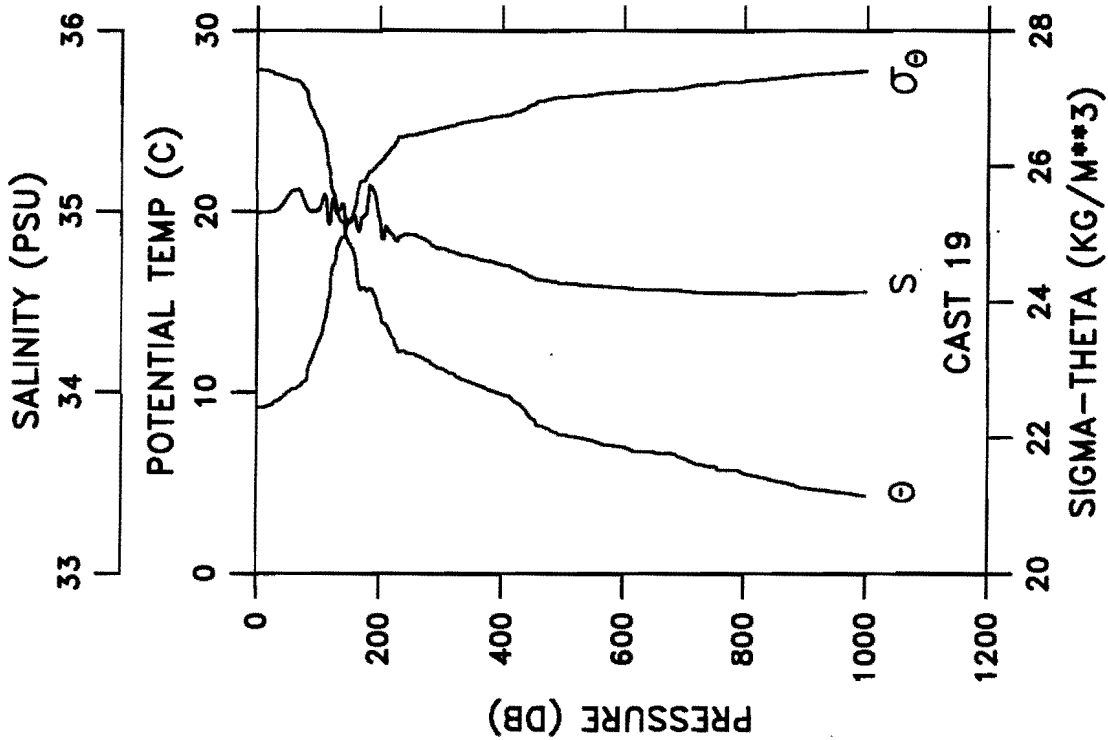
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.601	35.328	22.446	0.000
10	28.597	35.327	22.448	0.054
20	28.604	35.328	22.444	0.108
30	28.599	35.327	22.445	0.162
40	28.591	35.326	22.448	0.216
50	28.594	35.327	22.447	0.270
60	28.597	35.327	22.446	0.324
70	28.568	35.327	22.455	0.378
80	28.549	35.328	22.463	0.432
90	28.551	35.329	22.463	0.486
100	28.568	35.413	22.520	0.540
110	28.258	35.502	22.691	0.593
120	27.950	35.475	22.771	0.645
130	25.251	35.894	23.942	0.692
140	24.047	35.897	24.308	0.730
150	21.760	35.794	24.890	0.764
160	19.837	35.644	25.297	0.794
170	17.591	35.469	25.733	0.818
180	15.145	35.242	26.127	0.840
190	14.162	35.137	26.260	0.859
200	13.230	35.042	26.379	0.876
250	11.459	34.840	26.567	0.955
300	11.058	34.813	26.620	1.030
350	10.519	34.768	26.681	1.103
400	9.730	34.717	26.777	1.173
450	9.289	34.691	26.830	1.239
500	8.405	34.647	26.936	1.302
550	7.825	34.624	27.005	1.361
600	7.336	34.601	27.058	1.417
650	6.760	34.588	27.112	1.471
700	6.341	34.560	27.161	1.522
750	5.976	34.566	27.205	1.571
800	5.684	34.551	27.237	1.618
900	4.862	34.546	27.331	1.706
1000	4.342	34.549	27.391	1.788
1008	4.324	34.549	27.393	1.793

CAST GP3-95-DI -018 DATE 16 APR 95 TIME 1143 GMT
 LAT 00.02.0N LONG 169 34.8W WEATHER 6 SEA STATE 2
 BAROMETER 10 WIND DIR 050 T SPD 08 KT VISIBILITY 7
 CLOUD 7 AMOUNT 8 DRY 26.4 WET 24.9 DEPTH 5339 M



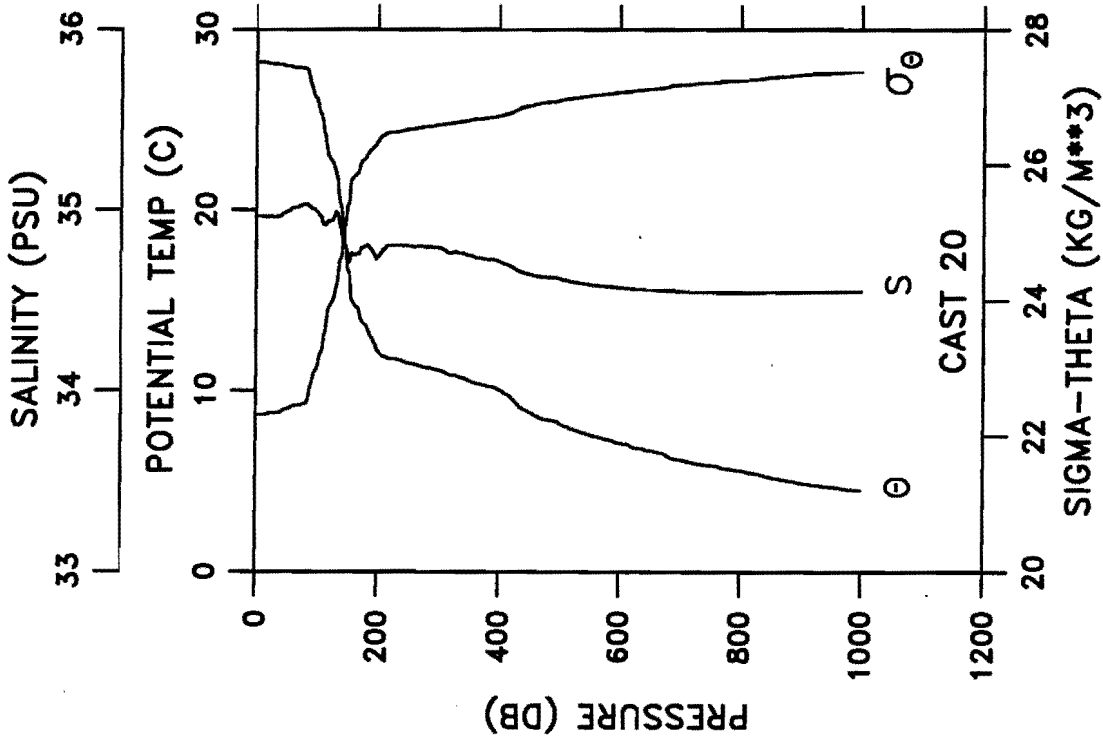
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.798	35.237	22.841	0.000
10	27.791	35.252	22.854	0.052
20	27.576	35.247	22.720	0.104
30	27.511	35.249	22.743	0.155
40	27.423	35.258	22.778	0.206
50	27.285	35.274	22.835	0.256
60	27.043	35.294	22.927	0.307
70	26.176	35.348	23.243	0.355
80	24.967	35.240	23.534	0.400
90	23.800	35.298	23.928	0.442
100	23.034	35.381	24.199	0.481
110	21.562	35.189	24.485	0.518
120	20.560	35.347	24.878	0.550
130	20.325	35.304	24.909	0.581
140	19.798	35.421	25.137	0.611
150	18.981	35.322	25.273	0.639
160	17.937	35.215	25.454	0.666
170	17.418	35.271	25.623	0.691
180	16.776	35.295	25.795	0.714
190	15.578	35.213	26.008	0.735
200	14.606	35.091	26.129	0.755
250	12.571	34.916	26.414	0.844
300	11.472	34.820	26.549	0.925
350	10.857	34.772	26.660	1.000
400	9.151	34.675	26.840	1.068
450	8.576	34.640	26.903	1.131
500	7.772	34.604	26.997	1.191
550	7.639	34.601	27.014	1.247
600	6.987	34.580	27.090	1.303
650	6.719	34.570	27.118	1.356
700	6.474	34.561	27.144	1.407
750	6.158	34.554	27.180	1.457
800	5.485	34.546	27.258	1.504
850	4.839	34.544	27.332	1.591
900	4.403	34.554	27.389	1.672
1000	4.392	34.554	27.390	1.676

CAST GP3-95-DI -019 DATE 16 APR 95 TIME 1638 GMT
 LAT 00 59.1N LONG 170 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 075 T SPD 07 KT VISIBILITY 8
 CLOUD 8 AMOUNT 4 DRY 27.2 WET 25.0 DEPTH 6643 M



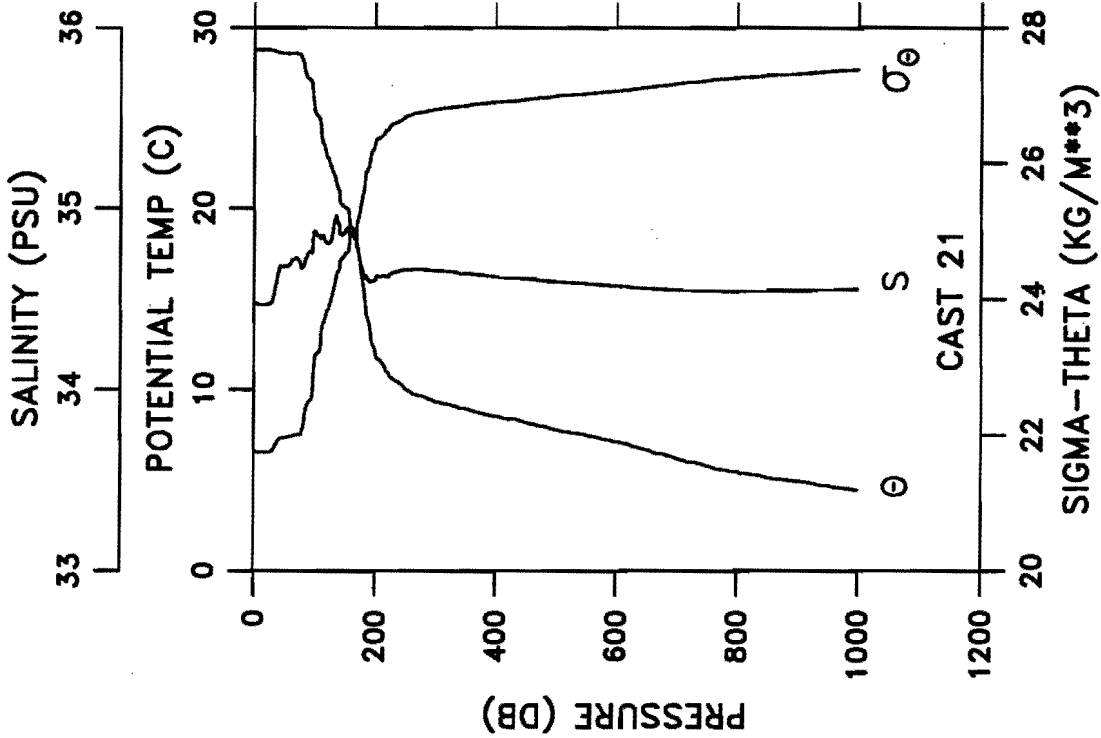
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.831	34.994	22.448	0.000
10	27.825	34.995	22.450	0.054
20	27.749	34.997	22.476	0.108
30	27.570	35.005	22.541	0.161
40	27.496	35.036	22.587	0.214
50	27.354	35.087	22.672	0.266
60	27.261	35.116	22.724	0.318
70	27.126	35.112	22.764	0.369
80	26.696	35.032	22.841	0.420
90	25.608	35.001	23.157	0.469
100	24.820	35.010	23.405	0.515
110	24.014	35.096	23.712	0.559
120	21.631	34.943	24.278	0.599
130	20.010	34.996	24.757	0.633
140	18.416	35.043	24.948	0.665
150	18.200	34.946	25.183	0.694
160	17.431	34.978	25.395	0.722
170	15.721	34.954	25.777	0.746
180	15.614	35.042	25.868	0.788
190	15.439	35.112	25.962	0.790
200	14.518	34.958	26.045	0.810
250	12.159	34.870	26.458	0.899
300	11.332	34.795	26.555	0.979
350	10.535	34.746	26.661	1.054
400	9.881	34.702	26.740	1.125
450	8.543	34.632	26.903	1.191
500	7.642	34.601	27.014	1.249
550	7.319	34.587	27.049	1.305
600	6.974	34.578	27.090	1.358
650	6.716	34.568	27.117	1.410
700	6.356	34.559	27.158	1.462
750	5.906	34.550	27.209	1.511
800	5.531	34.545	27.252	1.557
800	4.750	34.547	27.345	1.645
1000	4.309	34.556	27.401	1.725
1004	4.302	34.556	27.401	1.728

CAST GP3-95-D1 -020 DATE 17 APR 95 TIME 0922 GMT
 LAT 02 02.4N LONG 170 01.8W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 110 T SPD 10 KT VISIBILITY 9
 CLOUD 9 AMOUNT 4 DRY 27.8 WET 25.4 DEPTH 5358 M



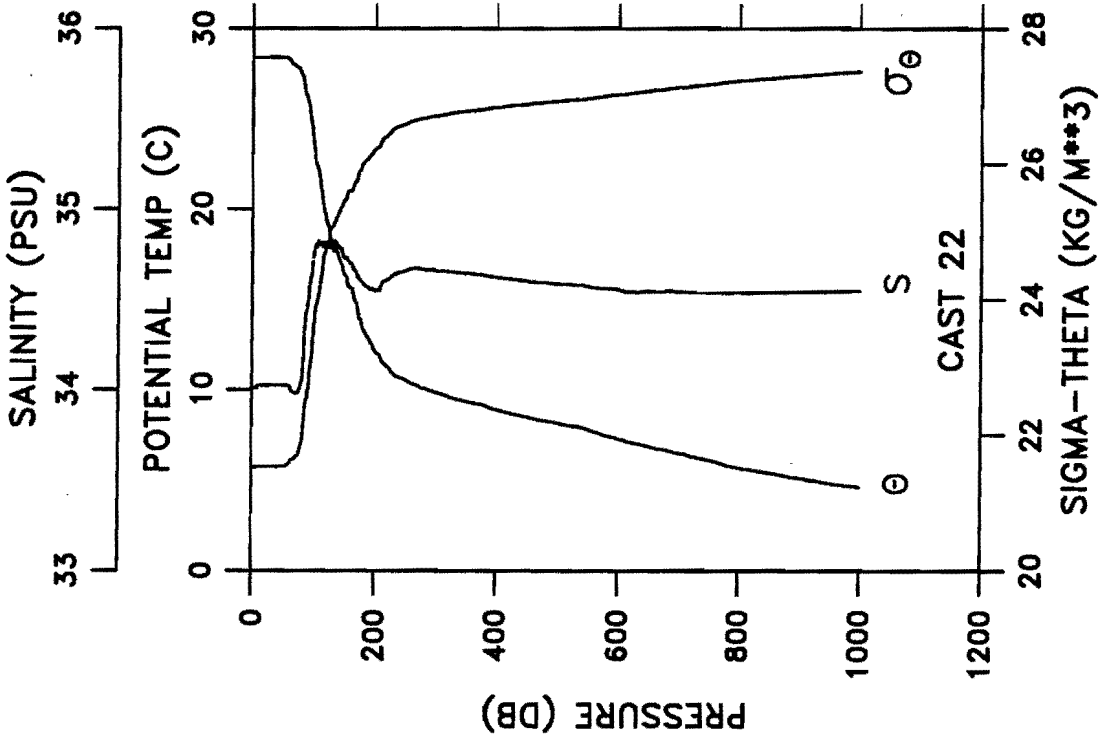
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.189	34.965	22.309	0.000
10	28.185	34.963	22.309	0.055
20	28.115	34.961	22.330	0.110
30	28.086	34.961	22.339	0.165
40	28.084	34.965	22.350	0.220
50	27.977	34.988	22.395	0.275
60	27.890	35.010	22.440	0.330
70	27.878	35.018	22.450	0.394
80	27.830	35.031	22.475	0.438
90	26.932	35.013	22.751	0.491
100	26.052	34.989	23.011	0.541
110	24.822	34.917	23.334	0.588
120	22.945	34.938	23.904	0.631
130	22.189	34.981	24.151	0.670
140	20.162	34.878	24.627	0.706
150	16.801	34.759	25.377	0.736
160	14.834	34.750	25.816	0.760
170	14.189	34.762	25.964	0.782
180	13.653	34.800	26.106	0.802
190	12.939	34.778	26.234	0.821
200	12.193	34.738	26.349	0.839
250	11.525	34.800	26.524	0.919
300	11.134	34.790	26.588	0.996
350	10.558	34.749	26.660	1.070
400	10.050	34.714	26.721	1.142
450	8.806	34.644	26.870	1.209
500	8.172	34.618	26.948	1.270
550	7.554	34.586	27.015	1.328
600	7.084	34.570	27.067	1.384
650	6.685	34.559	27.115	1.437
700	6.181	34.549	27.174	1.488
750	5.886	34.545	27.208	1.536
800	5.588	34.543	27.243	1.583
850	5.288	34.545	27.326	1.672
900	4.988	34.545	27.375	1.754
1000	4.500	34.551	27.379	1.758
1005	4.472	34.551		

CAST GP3-95-DI -021 DATE 18 APR 95 TIME 0943 GMT
 LAT 04 59.8N LONG 169 58.1W WEATHER 2 SEA STATE 3
 BAROMETER 10 WIND DIR 060 T SPD 15 KT VISIBILITY 7
 CLOUD 3 AMOUNT 6 DRY 28.0 WET 25.3 DEPTH 5783 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-D (DYN-M)
0	28.779	34.478	21.748	0.000
10	28.781	34.469	21.740	0.061
20	28.781	34.469	21.740	0.121
30	28.764	34.483	21.756	0.182
40	28.641	34.642	21.917	0.242
50	28.594	34.682	21.962	0.301
60	28.580	34.694	21.976	0.359
70	28.580	34.726	22.000	0.418
80	28.201	34.672	22.084	0.476
90	27.157	34.751	22.482	0.532
100	25.419	34.873	23.119	0.584
110	24.521	34.830	23.359	0.631
120	22.863	34.810	23.830	0.674
130	22.031	34.857	24.102	0.714
140	21.060	34.918	24.416	0.751
150	20.089	34.864	24.636	0.785
160	18.977	34.861	24.922	0.817
170	17.994	34.779	25.105	0.848
180	15.746	34.644	25.532	0.875
190	13.613	34.596	25.956	0.897
200	11.992	34.613	26.291	0.916
250	10.048	34.663	26.681	0.984
300	9.343	34.656	26.793	1.062
350	8.956	34.641	26.844	1.126
400	8.529	34.622	26.897	1.189
450	8.195	34.612	26.940	1.249
500	7.787	34.595	26.988	1.308
550	7.505	34.585	27.021	1.365
600	7.115	34.572	27.066	1.420
650	6.692	34.560	27.114	1.474
700	6.213	34.551	27.171	1.524
750	5.794	34.546	27.220	1.573
800	5.486	34.544	27.256	1.619
900	4.965	34.548	27.321	1.707
1000	4.473	34.556	27.382	1.789
1006	4.446	34.557	27.386	1.794

CAST GP3-95-DI -022 DATE 20 APR 95 TIME 1037 GMT
 LAT 07 59.8N LONG 179 56.2W WEATHER 1 SEA STATE 5
 BAROMETER 09 WIND DIR 050 T SPD 22 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 28.6 WET 25.2 DEPTH 5885 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.396	34.013	21.525	0.000
10	28.393	34.024	21.534	0.063
20	28.392	34.024	21.535	0.125
30	28.397	34.025	21.534	0.188
40	28.397	34.025	21.534	0.251
50	28.380	34.024	21.539	0.314
60	28.261	34.019	21.574	0.376
70	27.914	33.979	21.657	0.438
80	27.419	34.045	21.867	0.499
90	25.957	34.477	22.654	0.555
100	23.459	34.760	23.621	0.603
110	21.456	34.803	24.220	0.643
120	19.376	34.800	24.773	0.677
130	18.133	34.781	25.073	0.708
140	17.314	34.791	25.280	0.736
150	16.319	34.726	25.465	0.763
160	15.613	34.700	25.605	0.787
170	14.634	34.624	25.762	0.811
180	13.296	34.583	26.011	0.832
190	12.736	34.559	26.105	0.852
200	12.084	34.549	26.223	0.871
250	10.531	34.660	26.595	0.953
300	9.840	34.659	26.713	1.024
350	9.359	34.644	26.781	1.082
400	8.914	34.623	26.837	1.157
450	8.521	34.603	26.883	1.221
500	8.154	34.585	26.925	1.282
550	7.807	34.573	26.967	1.342
600	7.273	34.554	27.029	1.398
650	6.869	34.546	27.079	1.455
700	6.484	34.544	27.130	1.507
750	6.100	34.538	27.175	1.558
800	5.664	34.538	27.230	1.606
900	5.103	34.541	27.299	1.697
1000	4.598	34.548	27.363	1.782
1500	3.007	34.594	27.561	2.139
2000	2.124	34.633	27.867	2.425
2500	1.733	34.655	27.716	2.676
3000	1.482	34.667	27.743	2.914
3500	1.284	34.677	27.766	3.144
4000	1.084	34.687	27.789	3.365
4008	1.082	34.688	27.789	3.369

CAST GP3-95-DI -001 LAT 08 00.8N LONG 155 01.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.792	34.503	27.789	22.093	10.	28.140	34.364	28.137	21.873
75.	27.197	34.550	27.180	22.323	10.	28.140	34.367	28.138	21.875
150.	12.027	34.591	12.007	26.265	71.	26.101	34.509	26.086	22.642
504.	8.254	34.612	8.202	26.933	149.	13.641	34.611	13.619	25.961
701.	6.236	34.546	6.172	27.165	202.	11.580	34.628	11.555	26.381
1001.	4.572	34.553	4.492	27.372	298.	9.769	34.674	9.734	26.738
1502.	3.049	34.601	2.940	27.564	399.	8.923	34.643	8.880	26.853
2003.	2.175	34.639	2.035	27.670	500.	7.948	34.600	7.897	26.969
2498.	1.864	34.659	1.686	27.713	702.	5.923	34.550	5.860	27.207
3003.	1.681	34.673	1.460	27.735	800.	5.303	34.548	5.236	27.282
					896.	4.815	34.552	4.742	27.342
					1000.	4.371	34.560	4.292	27.398

CAST GP3-95-DI -003 LAT 06 00.2N LONG 154 56.6W

CAST GP3-95-DI -002 LAT 07 00.3N LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.949	34.208	27.946	21.819	9.	28.242	34.752	28.240	22.130
76.	26.974	34.513	26.956	22.400	73.	27.844	34.835	27.827	22.324
151.	12.257	34.604	12.237	26.235	150.	15.365	34.664	15.342	25.628
188.	11.081	34.648	11.058	26.488	200.	11.847	34.616	11.822	26.319
300.	9.741	34.679	9.706	26.747	301.	9.658	34.668	9.624	26.751
401.	9.003	34.649	8.959	26.845	501.	8.007	34.565	7.955	26.962
500.	7.927	34.600	7.876	26.972	701.	6.079	34.553	6.016	27.189
600.	6.908	34.567	6.851	27.091	1000.	4.415	34.561	4.336	27.392
704.	6.082	34.556	6.019	27.192	1499.	2.892	34.610	2.786	27.583
800.	5.498	34.551	5.430	27.261	1998.	2.180	34.644	2.041	27.671
883.	5.157	34.551	5.083	27.302	2495.	1.868	34.663	1.690	27.711
					3002.	1.727	34.671	1.505	27.728

CAST GP3-95-DI -004 LAT 05 02.9N LONG 154 58.5W

CAST GP3-95-DI -005 LAT 04 00.2N LONG 154 59.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.772	34.753	27.770	22.283
75.	27.414	34.921	27.396	22.525
150.	14.409	34.642	14.387	25.820
201.	10.389	34.586	10.366	26.566
301.	9.386	34.652	9.353	26.782
400.	8.541	34.626	8.498	26.897
500.	7.800	34.598	7.750	26.987
601.	6.718	34.568	6.662	27.115
701.	5.988	34.547	5.925	27.197
799.	5.382	34.546	5.314	27.268
899.	4.928	34.551	4.854	27.325
1004.	4.573	34.559	4.492	27.372

CAST GP3-95-DI -007 LAT 02 02.4N LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.707	34.795	27.704	22.337
75.	27.193	34.961	27.176	22.620
149.	12.647	34.713	12.627	26.239
301.	10.926	34.752	10.889	26.596
500.	8.031	34.612	7.980	26.964
1000.	4.458	34.555	4.379	27.382
1500.	2.946	34.604	2.838	27.572
2000.	2.250	34.640	2.110	27.662
2500.	1.827	34.662	1.650	27.713
3000.	1.713	34.670	1.491	27.728
3502.	1.472	34.684	1.206	27.757
4503.	1.372	34.694	1.001	27.772

CAST GP3-95-DI -006 LAT 03 00.2N LONG 155 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.865	34.812	27.863	22.298
76.	26.422	34.905	26.405	22.834
150.	13.333	34.611	13.312	26.020
200.	11.575	34.703	11.549	26.441
298.	10.545	34.741	10.509	26.655
400.	9.494	34.672	9.449	26.781
501.	8.445	34.625	8.392	26.911
601.	7.081	34.577	7.023	27.073
700.	5.972	34.550	5.910	27.199
800.	5.322	34.548	5.255	27.275
900.	4.878	34.548	4.804	27.329
1000.	4.421	34.558	4.342	27.387

CAST GP3-95-DI -008 LAT 01 00.3N LONG 155 00.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.825	34.849	27.823	22.342
77.	25.095	34.863	25.078	23.211
150.	15.668	35.060	15.645	25.856
201.	12.299	34.809	12.273	26.389
301.	11.141	34.779	11.103	26.581
401.	9.207	34.664	9.162	26.821
500.	7.904	34.611	7.853	26.985
601.	6.827	34.564	6.771	27.101
700.	6.216	34.549	6.152	27.170
800.	5.362	34.540	5.294	27.268
900.	4.837	34.544	4.764	27.332
1003.	4.484	34.549	4.404	27.377

CAST GP3-95-DI -009 LAT 00 04.1N LONG 154 59.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.519	35.032	27.517	22.575
76.	24.076	35.249	24.060	23.807
151.	17.009	35.268	16.984	25.711
200.	14.372	35.057	14.342	26.137
302.	10.994	34.780	10.956	26.607
400.	9.804	34.704	9.758	26.756
500.	8.084	34.616	8.033	26.961
998.	4.620	34.546	4.540	27.359
1493.	3.023	34.596	2.915	27.562
1998.	2.316	34.631	2.175	27.651
2500.	1.877	34.655	1.699	27.706
3000.	1.665	34.667	1.445	27.731

CAST GP3-95-DI -011 LAT 02 00.5S LONG 155 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.055	35.266	28.052	22.580
75.	27.873	35.331	27.855	22.689
151.	14.070	35.047	14.048	26.220
199.	11.891	34.849	11.865	26.495
300.	11.117	34.800	11.080	26.600
401.	9.701	34.708	9.655	26.778
501.	7.813	34.615	7.762	27.001
600.	6.679	34.566	6.623	27.122
700.	5.822	34.542	5.761	27.214
800.	5.311	34.537	5.244	27.271
901.	4.756	34.539	4.683	27.338
1007.	4.375	34.547	4.296	27.386

CAST GP3-95-DI -010 LAT 00 59.5S LONG 155 00.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.469	35.300	27.467	22.795
74.	25.976	35.418	25.959	23.360
149.	16.650	35.323	16.626	25.836
200.	12.404	34.887	12.377	26.426
299.	11.386	34.817	11.349	26.565
399.	9.441	34.702	9.396	26.811
500.	7.405	34.585	7.356	27.037
600.	6.938	34.570	6.881	27.090
700.	6.311	34.550	6.247	27.158
801.	5.662	34.541	5.593	27.233
1002.	4.453	34.549	4.374	27.380

CAST GP3-95-DI -012 LAT 02 59.8S LONG 155 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.228	35.236	28.226	22.499
77.	28.110	35.261	28.092	22.559
151.	17.683	35.488	17.657	25.684
199.	12.498	34.948	12.471	26.450
300.	10.295	34.755	10.259	26.712
400.	9.366	34.692	9.322	26.820
500.	8.026	34.626	7.975	26.978
600.	6.810	34.571	6.753	27.108
701.	6.028	34.549	5.966	27.194
799.	5.323	34.537	5.256	27.272
900.	4.869	34.541	4.796	27.326
1002.	4.433	34.547	4.354	27.380

CAST GP3-95-DI -015 LAT 06 00.0S LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.434	35.264	28.432	22.454	11.	29.088	35.559	29.085	22.456
78.	28.362	35.336	28.344	22.555	76.	28.969	35.715	28.951	22.613
150.	18.161	35.480	18.135	25.600	151.	23.823	36.235	23.791	24.629
201.	13.920	35.077	13.891	26.263	200.	18.604	35.606	18.569	25.565
300.	10.279	34.751	10.243	26.712	301.	10.976	34.824	10.939	26.641
399.	8.916	34.676	8.873	26.879	401.	9.181	34.691	9.136	26.847
500.	7.764	34.614	7.714	27.007	500.	7.952	34.615	7.901	26.979
599.	6.712	34.568	6.656	27.119	600.	6.921	34.567	6.864	27.088
698.	5.975	34.548	5.913	27.199	700.	6.066	34.545	6.004	27.184
800.	5.422	34.541	5.354	27.262	801.	5.350	34.533	5.283	27.264
899.	4.819	34.540	4.746	27.331	899.	4.877	34.536	4.803	27.321
1005.	4.508	34.543	4.428	27.369	1001.	4.427	34.542	4.348	27.375

CAST GP3-95-DI -013 LAT 03 59.8S LONG 155 00.5W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.434	35.264	28.432	22.454
78.	28.362	35.336	28.344	22.555
150.	18.161	35.480	18.135	25.600
201.	13.920	35.077	13.891	26.263
300.	10.279	34.751	10.243	26.712
399.	8.916	34.676	8.873	26.879
500.	7.764	34.614	7.714	27.007
599.	6.712	34.568	6.656	27.119
698.	5.975	34.548	5.913	27.199
800.	5.422	34.541	5.354	27.262
899.	4.819	34.540	4.746	27.331
1005.	4.508	34.543	4.428	27.369

CAST GP3-95-DI -016 LAT 08 13.1S LONG 154 52.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.744	35.325	28.742	22.397
77.	28.452	35.709	28.434	22.776
149.	22.792	36.117	22.761	24.835
200.	14.620	35.133	14.590	26.155
300.	10.911	34.802	10.874	26.639
402.	9.060	34.683	9.016	26.861
499.	7.986	34.624	7.934	26.981
599.	7.065	34.581	7.008	27.079
699.	6.005	34.542	5.943	27.190
800.	5.453	34.534	5.385	27.252
898.	4.955	34.533	4.881	27.309
1002.	4.496	34.541	4.416	27.367

CAST GP3-95-DI -014 LAT 05 01.9S LONG 154 58.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.744	35.325	28.742	22.397
77.	28.452	35.709	28.434	22.776
149.	22.792	36.117	22.761	24.835
200.	14.620	35.133	14.590	26.155
300.	10.911	34.802	10.874	26.639
402.	9.060	34.683	9.016	26.861
499.	7.986	34.624	7.934	26.981
599.	7.065	34.581	7.008	27.079
699.	6.005	34.542	5.943	27.190
800.	5.453	34.534	5.385	27.252
898.	4.955	34.533	4.881	27.309
1002.	4.496	34.541	4.416	27.367

CAST GP3-95-DI -017 LAT 02 12.8S LONG 170 01.5W

CAST GP3-95-DI -019 LAT 00 59.1N LONG 170 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.586	35.323	28.584	22.448	9.	27.823	34.991	27.821	22.448
77.	28.583	35.324	28.564	22.447	75.	26.785	35.039	26.768	22.818
149.	20.706	35.678	20.678	25.092	149.	18.357	34.937	18.331	25.135
199.	13.389	35.036	13.361	26.342	200.	14.602	34.954	14.572	26.025
300.	11.207	34.809	11.169	26.592	301.	11.320	34.788	11.282	26.553
398.	10.033	34.730	9.986	26.737	400.	9.872	34.696	9.825	26.737
498.	8.703	34.656	8.650	26.897	500.	7.689	34.601*	7.639*	27.007*
599.	7.503	34.606	7.444	27.038	599.	7.010	34.577	6.953	27.085
700.	6.419	34.561	6.355	27.152	698.	6.395	34.557	6.331	27.152
801.	5.780	34.552	5.709	27.226	801.	5.562	34.545	5.493	27.248
903.	4.935	34.546	4.860	27.323	899.	4.821	34.546	4.748	27.337
1005.	4.414	34.548	4.334	27.383	1002.	4.384	34.556	4.305	27.392

CAST GP3-95-DI -018 LAT 00 02.0N LONG 169 34.8W

CAST GP3-95-DI -020 LAT 02 02.4N LONG 170 01.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.756	35.250	27.754	22.659	11.	28.160	34.961	28.157	22.315
71.	25.493	35.274	25.477	23.395	72.	27.867	35.026	27.850	22.456
151.	18.716	35.278	18.689	25.299	150.	17.339	34.769	17.314	25.240
201.	14.666	35.122	14.636	26.106	199.	12.684	34.750	12.657	26.257
299.	11.339	34.805	11.301	26.560	298.	11.204	34.785	11.167	26.572
398.	9.144	34.668	9.100	26.836	401.	10.095	34.713	10.048	26.711
500.	7.775	34.604	7.724	26.997	500.	8.186	34.615	8.134	26.944
596.	7.035	34.578	6.978	27.082	598.	7.146	34.570	7.088	27.060
698.	6.537	34.563	6.472	27.137	698.	6.243	34.549	6.179	27.166
794.	5.575	34.547	5.506	27.247	801.	5.648	34.543	5.578	27.236
901.	4.908	34.544	4.834	27.324	901.	4.991	34.546	4.917	27.316
1002.	4.476	34.555	4.397	27.381	1002.	4.563	34.554	4.483	27.369

* Calculated from CTD values

CAST GP3-95-DI -021 LAT 04 59.8N LONG 169 59.1W

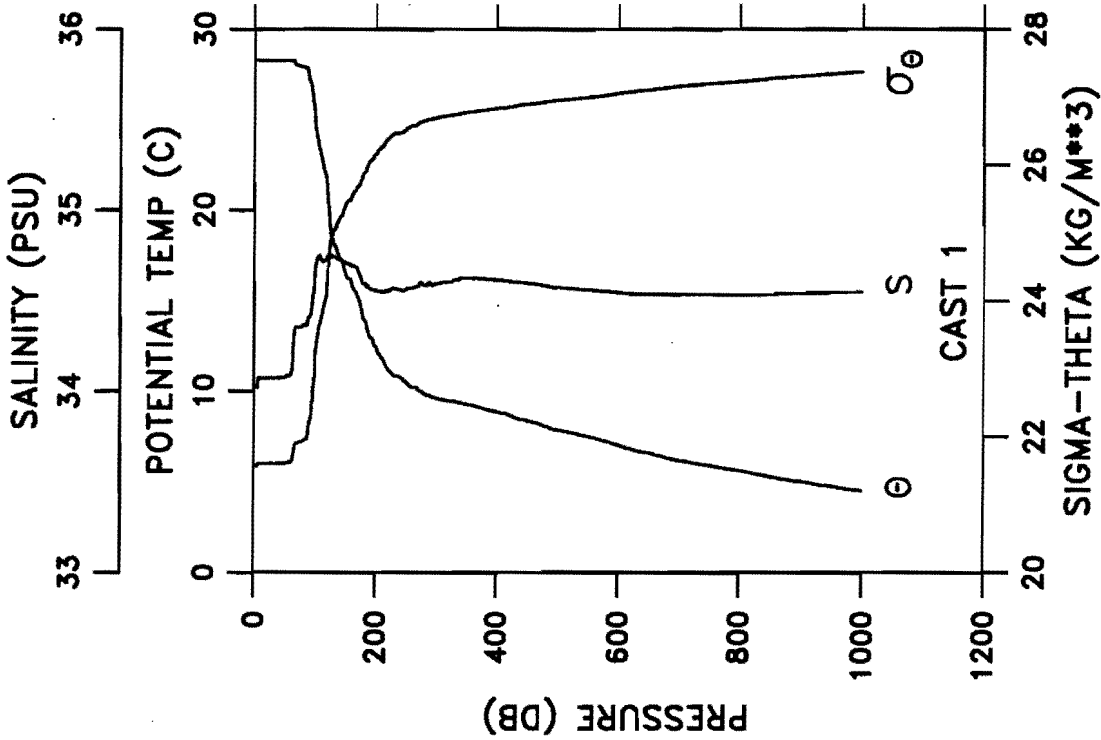
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	28.773	34.468	28.770	21.742
76.	28.567	34.719	28.549	21.994
151.	20.063	34.860	20.035	24.644
200.	11.664	34.610	11.639	26.350
303.	9.349	34.653	9.315	26.791
403.	8.540	34.620	8.498	26.893
500.	7.808	34.595	7.758	26.984
600.	7.173	34.571	7.114	27.057
698.	6.340	34.552	6.276	27.154
801.	5.561	34.545	5.492	27.247
899.	5.051	34.549	4.976	27.310
1004.	4.534	34.557	4.454	27.376

CAST GP3-95-DI -022 LAT 07 59.8N LONG 179 56.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	28.371	34.015	28.368	21.536
75.	27.623	34.000	27.605	21.771
152.	15.710	34.697	15.686	25.578
303.	9.772	34.652	9.738	26.722
501.	8.094	34.580	8.042	26.932
1000.	4.659	34.550	4.578	27.357
1498.	3.111	34.593	3.001	27.551
2000.	2.255	34.632	2.114	27.657
2503.	1.908	34.654	1.729	27.703
2997.	1.714	34.666	1.493	27.727
3500.	1.549	34.677	1.282	27.747
4001.	1.400	34.689	1.084	27.767

GP4-95-DI
April 25-May 15, 1995
CTD and Hydrographic Data Summary

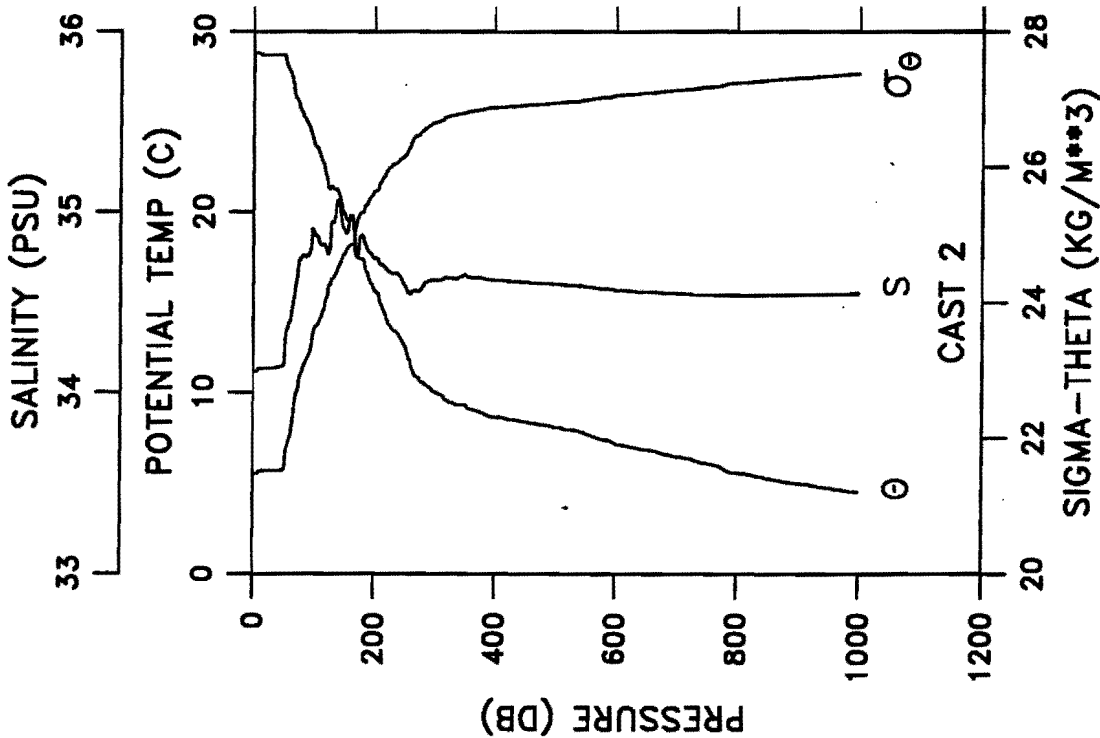
CAST GP4-95-DI -001 DATE 26 APR 95 TIME 0558 GMT
 LAT 08 00.3N LONG 165 00.8E WEATHER 8 SEA STATE 5
 BAROMETER 06 WIND DIR 060 T SPD 20 KT VISIBILITY 7
 CLOUD 6 AMOUNT 8 DRY 27.0 WET 25.0 DEPTH 5189 M



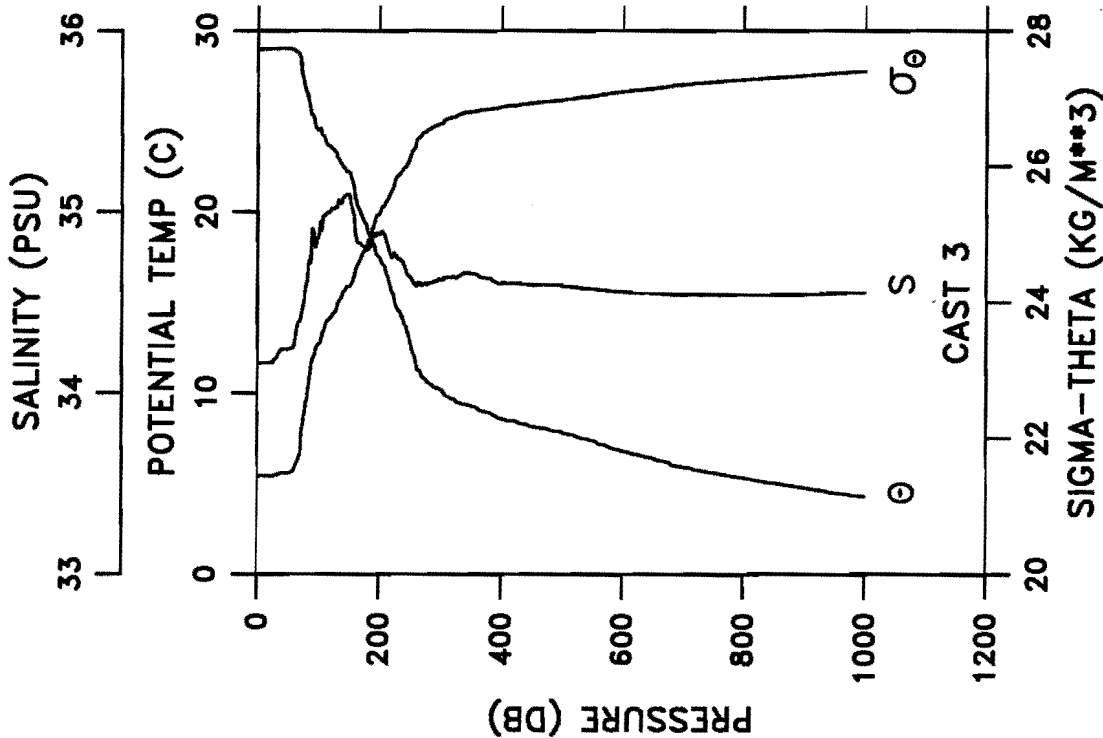
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.281	34.027	21.570	0.000
10	28.287	34.074	21.806	0.062
20	28.292	34.071	21.803	0.124
30	28.289	34.075	21.807	0.186
40	28.290	34.074	21.806	0.248
50	28.291	34.076	21.807	0.310
60	28.287	34.090	21.819	0.372
70	28.028	34.353	21.901	0.433
80	27.945	34.360	21.934	0.492
90	27.309	34.407	22.175	0.551
100	24.981	34.635	23.078	0.605
110	23.049	34.733	23.718	0.649
120	21.446	34.722	24.162	0.690
130	18.238	34.745	25.020	0.722
140	17.405	34.728	25.210	0.751
150	16.598	34.710	25.387	0.778
160	15.972	34.691	25.517	0.804
170	15.230	34.677	25.673	0.828
180	13.977	34.595	25.879	0.851
190	13.002	34.569	26.059	0.872
200	12.447	34.556	26.158	0.892
250	10.474	34.563	26.528	0.976
300	9.812	34.584	26.701	1.049
350	9.294	34.625	26.777	1.117
400	8.875	34.616	26.837	1.183
450	8.385	34.597	26.899	1.245
500	7.866	34.573	26.959	1.308
550	7.504	34.560	27.001	1.364
600	7.030	34.547	27.058	1.420
650	6.591	34.535	27.108	1.473
700	6.167	34.534	27.163	1.524
750	5.894	34.535	27.199	1.574
800	5.602	34.531	27.232	1.621
800	5.013	34.541	27.310	1.711
1000	4.493	34.549	27.375	1.794
1002	4.486	34.549	27.375	1.795

CAST GP4-95-DI -002 DATE 27 APR 95 TIME 0556 GMT
 LAT 05 02.5N LONG 164 58.9E WEATHER 8 SEA STATE 3
 BAROMETER 05 WIND DIR 160 T SPD 04 KT VISIBILITY 6
 CLOUD 6 AMOUNT 8 DRY 25.5 WET 24.5 WET 24.5 DEPTH 4776 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.789	34.115	21.472	0.000
10	28.734	34.133	21.504	0.063
20	28.702	34.134	21.515	0.126
30	28.694	34.135	21.518	0.189
40	28.695	34.139	21.521	0.252
50	28.694	34.152	21.531	0.315
60	27.792	34.391	22.007	0.375
70	26.282	34.599	22.645	0.430
80	25.584	34.748	22.974	0.481
90	24.900	34.760	23.192	0.529
100	23.880	34.893	23.598	0.574
110	23.163	34.826	23.757	0.617
120	22.074	34.806	24.051	0.658
130	21.408	34.945	24.342	0.695
140	21.130	35.068	24.512	0.731
150	19.950	34.906	24.704	0.765
160	19.630	34.972	24.838	0.797
170	17.849	34.750	25.119	0.828
180	17.398	34.872	25.322	0.855
190	16.437	34.781	25.479	0.882
200	15.619	34.747	25.640	0.906
250	12.590	34.584	26.162	1.013
300	10.028	34.622	26.652	1.093
350	9.318	34.654	26.796	1.162
400	8.655	34.623	26.878	1.226
450	8.387	34.611	26.910	1.287
500	8.108	34.601	26.944	1.348
550	7.755	34.588	26.986	1.407
600	7.167	34.567	27.055	1.463
650	6.857	34.559	27.092	1.518
700	6.470	34.551	27.137	1.570
750	6.123	34.544	27.177	1.621
800	5.577	34.539	27.242	1.669
800	4.999	34.543	27.313	1.758
1000	4.517	34.550	27.373	1.841
1003	4.481	34.550	27.376	1.844

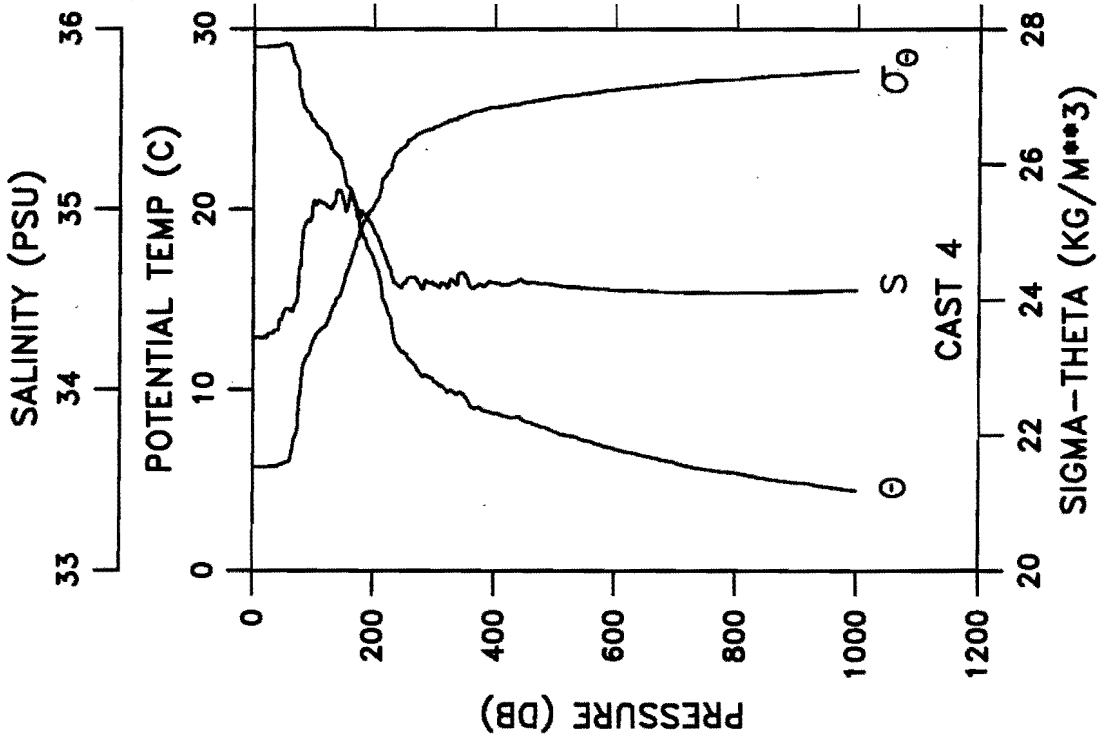


CAST GP4-95-DI -003 DATE 27 APR 95 TIME 1134 GMT
 LAT 04 00.3N LONG 165 00.1E WEATHER 2 SEA STATE 5
 BAROMETER 08 WIND DIR 250 T SPD 16 KT VISIBILITY 7
 CLOUD 7 AMOUNT 8 DRY 28.4 WET 24.8 DEPTH 4489 M



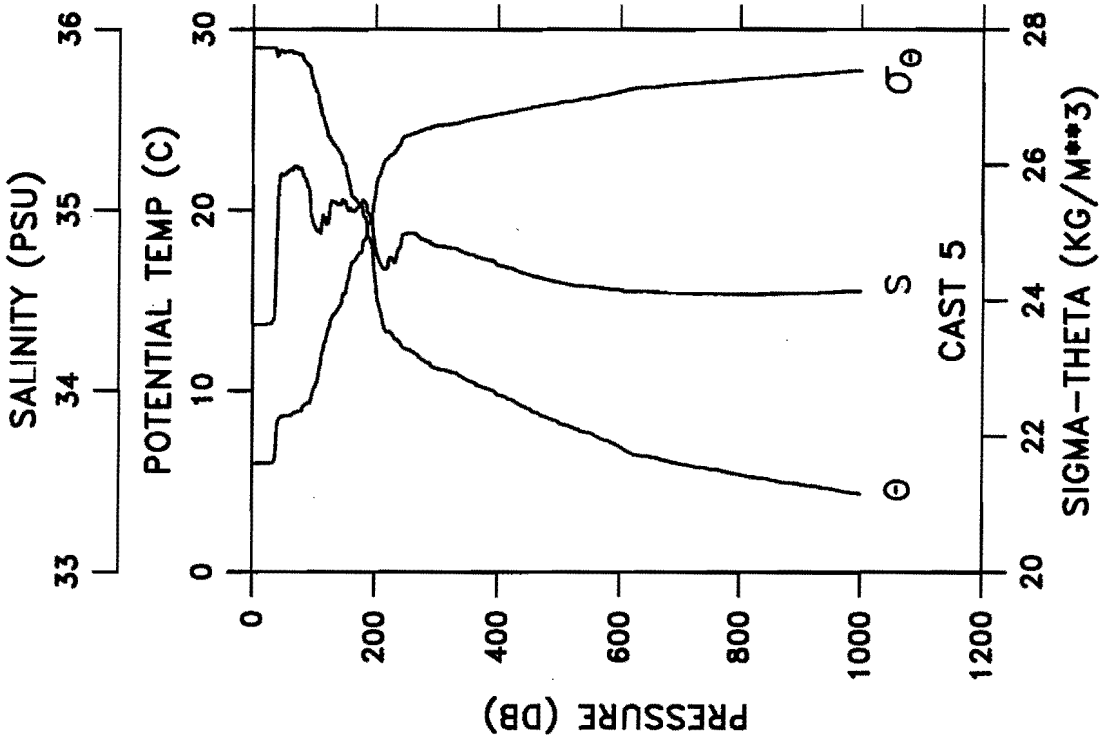
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DTN-M)
0	28.985	34.162	21.443	0.000
10	28.980	34.166	21.443	0.063
20	29.000	34.168	21.442	0.127
30	29.012	34.188	21.452	0.191
40	29.035	34.241	21.485	0.254
50	29.027	34.241	21.488	0.317
60	28.920	34.268	21.544	0.390
70	28.491	34.403	21.787	0.442
80	26.588	34.601	22.550	0.498
90	25.357	34.908	23.164	0.548
100	24.521	34.863	23.384	0.594
110	24.067	34.980	23.608	0.639
120	23.551	35.006	23.780	0.681
130	23.096	35.023	23.925	0.722
140	22.488	35.082	24.144	0.761
150	22.201	35.084	24.235	0.789
160	20.871	34.881	24.440	0.836
170	19.851	34.820	24.665	0.870
180	19.008	34.788	24.859	0.902
190	18.214	34.861	25.114	0.933
200	17.470	34.877	25.308	0.961
250	12.830	34.842	26.150	1.077
300	10.177	34.624	26.629	1.157
350	9.300	34.659	26.803	1.226
400	8.576	34.607	26.878	1.290
450	8.163	34.597	26.933	1.351
500	7.805	34.590	26.981	1.410
550	7.343	34.573	27.035	1.466
600	6.786	34.558	27.100	1.520
650	6.390	34.549	27.146	1.572
700	5.900	34.542	27.203	1.621
750	5.584	34.541	27.242	1.667
800	5.301	34.541	27.276	1.713
850	4.763	34.545	27.342	1.799
900	4.303	34.555	27.400	1.878
1000	4.295	34.555	27.401	1.881

CAST GP4-85-D1 -004 DATE 27 APR 85 TIME 1651 GMT
 LAT 02 59.9N LONG 165 00.0E WEATHER 2 SEA STATE 4
 BAROMETER 49 WIND DIR 230 T SPD 22 KT VISIBILITY 6
 CLOUD 6 AMOUNT 6 DRY 27.8 WET 25.0 DEPTH 4263 M



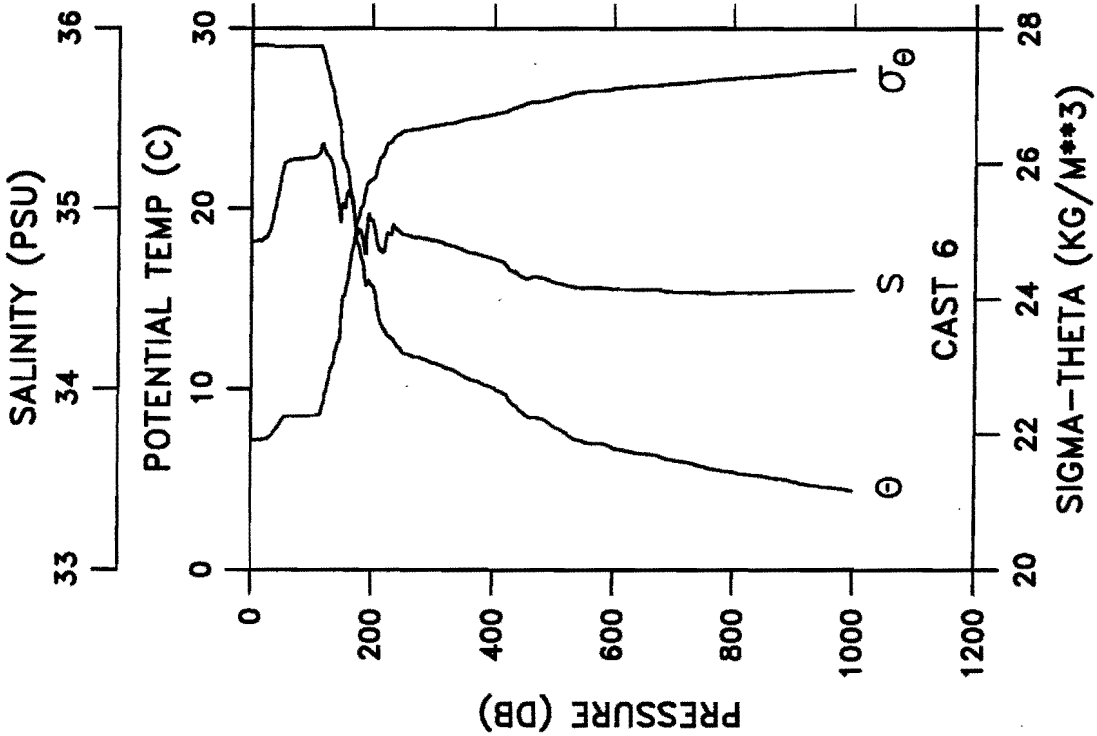
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.014	34.288	21.527	0.000
10	29.008	34.290	21.531	0.063
20	29.010	34.290	21.530	0.125
30	29.043	34.313	21.536	0.188
40	29.063	34.329	21.542	0.251
50	29.146	34.418	21.581	0.313
60	29.121	34.447	21.611	0.376
70	28.088	34.474	21.972	0.436
80	26.355	34.709	22.705	0.492
90	25.436	34.931	23.158	0.541
100	24.949	35.037	23.386	0.587
110	24.498	35.047	23.530	0.632
120	24.205	35.030	23.605	0.675
130	23.389	35.003	23.825	0.718
140	22.975	35.106	24.022	0.758
150	22.182	35.054	24.209	0.797
160	21.158	35.058	24.486	0.833
170	20.180	35.040	24.751	0.867
180	18.847	34.991	25.054	0.898
190	17.846	34.950	25.273	0.927
200	17.254	34.892	25.372	0.954
250	12.077	34.592	26.258	1.063
300	10.437	34.585	26.552	1.145
350	9.681	34.639	26.724	1.218
400	8.707	34.594	26.847	1.284
450	8.289	34.597	26.914	1.347
500	7.690	34.561	26.991	1.406
550	7.203	34.565	27.048	1.462
600	6.741	34.553	27.103	1.516
650	6.347	34.549	27.152	1.567
700	6.005	34.543	27.181	1.616
750	5.614	34.539	27.237	1.663
800	5.423	34.538	27.260	1.709
900	4.875	34.544	27.328	1.796
1000	4.416	34.553	27.386	1.878
1002	4.414	34.552	27.386	1.880

CAST CP4-95-D1 -005 DATE 27 APR 95 TIME 2331 GMT
 LAT 01 56.7N LONG 165 02.7E WEATHER 2 SEA STATE 5
 BAROMETER 08 WIND DIR 230 T SPD 20 KT VISIBILITY 9
 CLOUD 7 AMOUNT 8 DRY 28.0 WET 25.6 DEPTH 4183 M



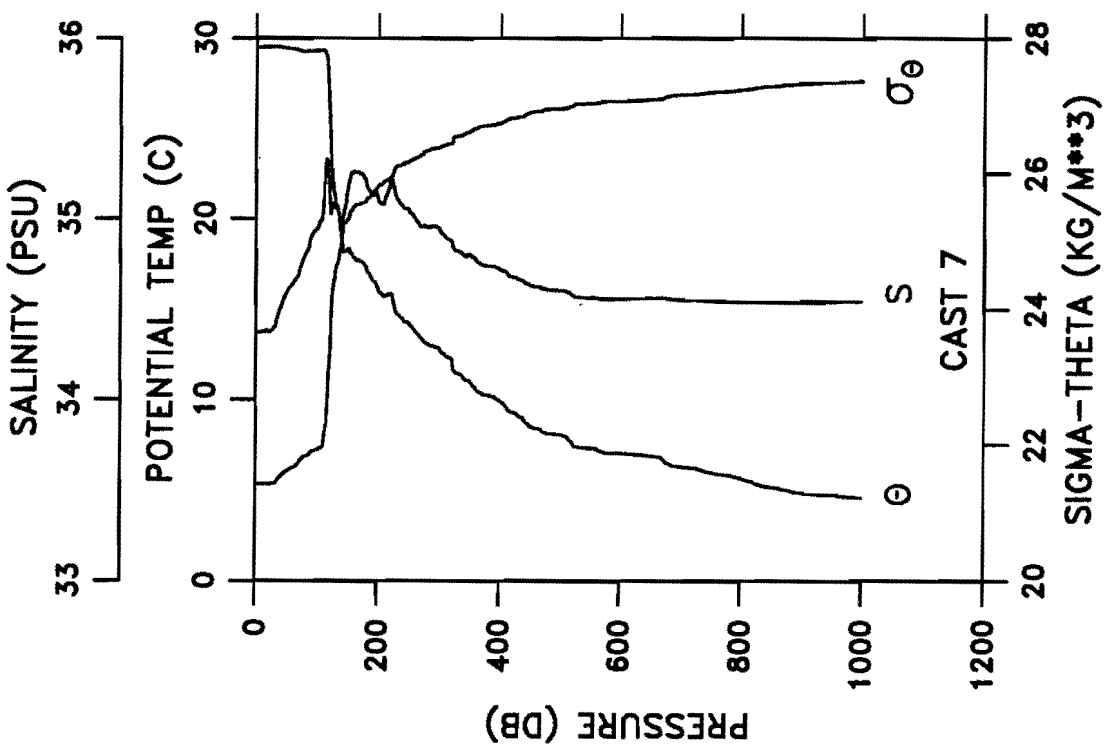
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.990	34.365	21.593	0.000
10	28.988	34.368	21.596	0.062
20	28.978	34.369	21.600	0.124
30	28.978	34.373	21.603	0.186
40	28.509	34.872	22.133	0.247
50	28.752	35.182	22.293	0.303
60	28.791	35.218	22.300	0.359
70	28.704	35.244	22.348	0.414
80	28.616	35.228	22.366	0.469
90	28.009	35.129	22.491	0.523
100	26.859	34.917	22.702	0.577
110	25.762	34.876	23.016	0.627
120	24.528	34.921	23.426	0.674
130	23.721	35.050	23.763	0.717
140	23.249	35.036	23.890	0.758
150	22.568	35.052	24.098	0.798
160	21.048	35.009	24.489	0.835
170	20.493	35.012	24.841	0.869
180	19.789	35.057	24.862	0.902
190	18.483	34.980	25.138	0.933
200	16.186	34.798	25.551	0.960
250	12.323	34.867	26.425	1.058
300	11.257	34.802	26.579	1.137
350	10.613	34.759	26.658	1.212
400	9.795	34.695	26.749	1.283
450	9.041	34.645	26.834	1.350
500	8.285	34.603	26.919	1.413
550	7.695	34.579	26.988	1.472
600	6.932	34.580	27.082	1.528
650	6.368	34.551	27.151	1.579
700	5.958	34.542	27.197	1.628
750	5.689	34.538	27.227	1.676
800	5.381	34.535	27.262	1.722
900	4.856	34.541	27.328	1.809
1000	4.353	34.553	27.393	1.890
1008	4.351	34.552	27.393	1.895

CAST GP4-95-D1-006 DATE 28 APR 85 TIME 0443 GMT
 LAT 01 00.0N LONG 184 59.9E WEATHER 2 SEA STATE 6
 BAROMETER 06 WIND DIR 230 T SPD 28 KT VISIBILITY 7
 CLOUD 6 AMOUNT 8 DRY 27.5 WET 24.5 DEPTH 4328 M



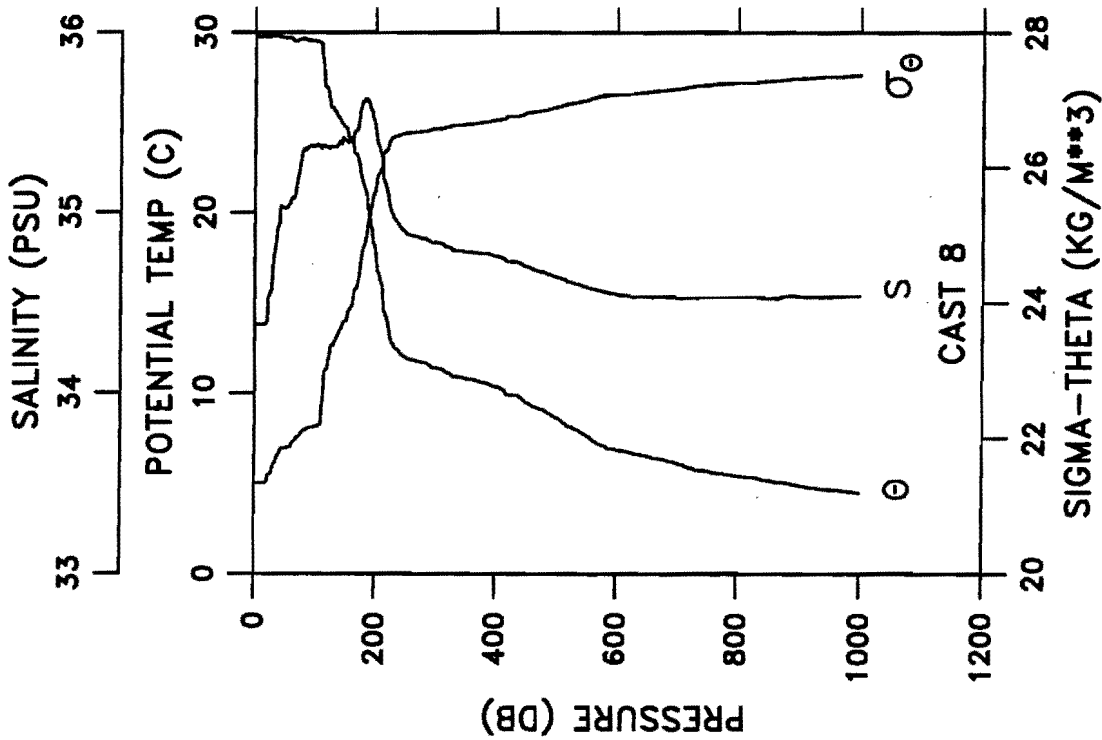
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.056	34.814	21.908	0.000
10	29.059	34.820	21.912	0.059
20	29.057	34.827	21.918	0.118
30	29.050	34.867	21.950	0.177
40	29.025	34.989	22.057	0.235
50	29.007	35.176	22.196	0.292
60	28.990	35.260	22.285	0.348
70	28.985	35.275	22.275	0.404
80	28.985	35.275	22.275	0.460
90	29.001	35.280	22.277	0.516
100	28.996	35.283	22.280	0.572
110	29.004	35.294	22.286	0.628
120	28.988	35.351	22.467	0.683
130	27.128	35.283	22.892	0.735
140	25.671	35.126	23.233	0.784
150	23.318	35.010	23.851	0.830
160	22.107	35.087	24.256	0.868
170	19.922	35.013	24.794	0.903
180	17.639	34.879	25.269	0.932
190	15.723	34.760	25.626	0.958
200	15.706	34.933	25.784	0.981
250	12.030	34.857	26.473	1.075
300	11.453	34.823	26.555	1.154
350	10.749	34.772	26.644	1.230
400	10.077	34.722	26.722	1.302
450	8.679	34.620	26.872	1.369
500	7.833	34.593	26.964	1.430
550	7.099	34.562	27.061	1.486
600	6.712	34.556	27.109	1.540
650	6.430	34.553	27.144	1.591
700	6.089	34.541	27.179	1.641
750	5.730	34.537	27.221	1.689
800	5.435	34.536	27.256	1.735
850	4.885	34.541	27.325	1.823
900	4.377	34.552	27.390	1.905
1000	4.375	34.551	27.389	1.907

CST GP4-95-D1 -007 DATE 01 MAY 95 TIME 1456 GMT
 LAT 00 00.55 LONG 164 59.2E WEATHER 1 SEA STATE 3
 BAROMETER 08 WIND DIR 090 T SPD 08 KT VISIBILITY 8
 CLOUD 6 AMOUNT 4 DRY 28.5 WET 28.1 DEPTH 4380 M



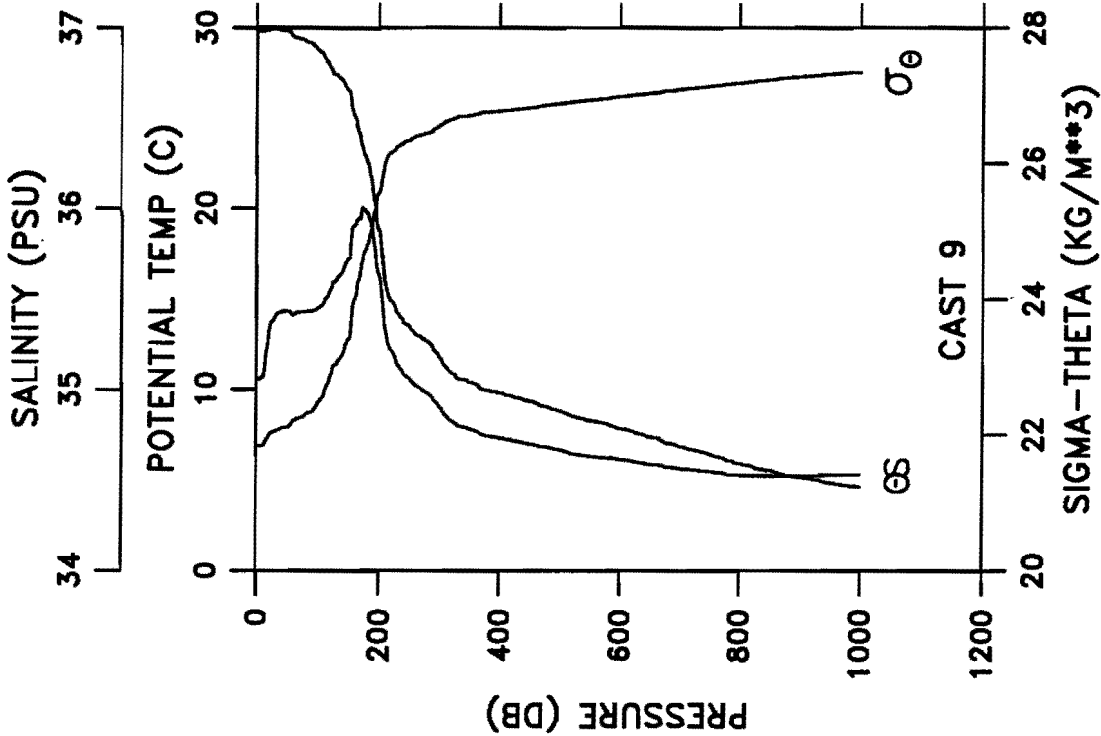
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.500	34.372	21.427	0.000
10	29.514	34.378	21.427	0.064
20	29.508	34.376	21.428	0.127
30	29.537	34.400	21.436	0.191
40	29.492	34.505	21.530	0.254
50	29.446	34.590	21.809	0.317
60	29.408	34.639	21.859	0.379
70	29.322	34.690	21.728	0.440
80	29.255	34.790	21.823	0.501
90	29.290	34.892	21.888	0.561
100	29.300	34.942	21.923	0.620
110	29.330	35.045	21.989	0.679
120	28.056	35.174	23.149	0.734
130	21.025	35.059	24.533	0.773
140	18.980	34.919	24.965	0.806
150	18.302	35.151	25.314	0.834
160	17.855	35.258	25.506	0.860
170	17.677	35.253	25.546	0.885
180	17.375	35.213	25.589	0.909
190	16.697	35.136	25.692	0.933
200	16.147	35.117	25.805	0.957
250	14.261	35.049	26.171	1.060
300	12.856	34.948	26.392	1.149
350	11.028	34.802	26.617	1.229
400	9.938	34.723	26.747	1.301
450	8.532	34.634	26.806	1.366
500	8.057	34.605	26.956	1.426
550	7.312	34.585	27.033	1.483
600	7.034	34.580	27.068	1.537
650	6.885	34.585	27.092	1.591
700	6.294	34.554	27.163	1.643
750	5.971	34.545	27.197	1.692
800	5.654	34.542	27.235	1.740
900	4.887	34.541	27.324	1.828
1000	4.582	34.548	27.364	1.911
1002	4.582	34.547	27.364	1.913

CAST GP4-95-D1 -008 DATE 02 MAY 95 TIME 1300 GMT
 LAT 01 57.55 LONG 184 22.5E WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 070 T SPD 12 KT VISIBILITY 9
 CLOUD 8 AMOUNT 2 DRY 29.2 WET 26.2 DEPTH 4401 M



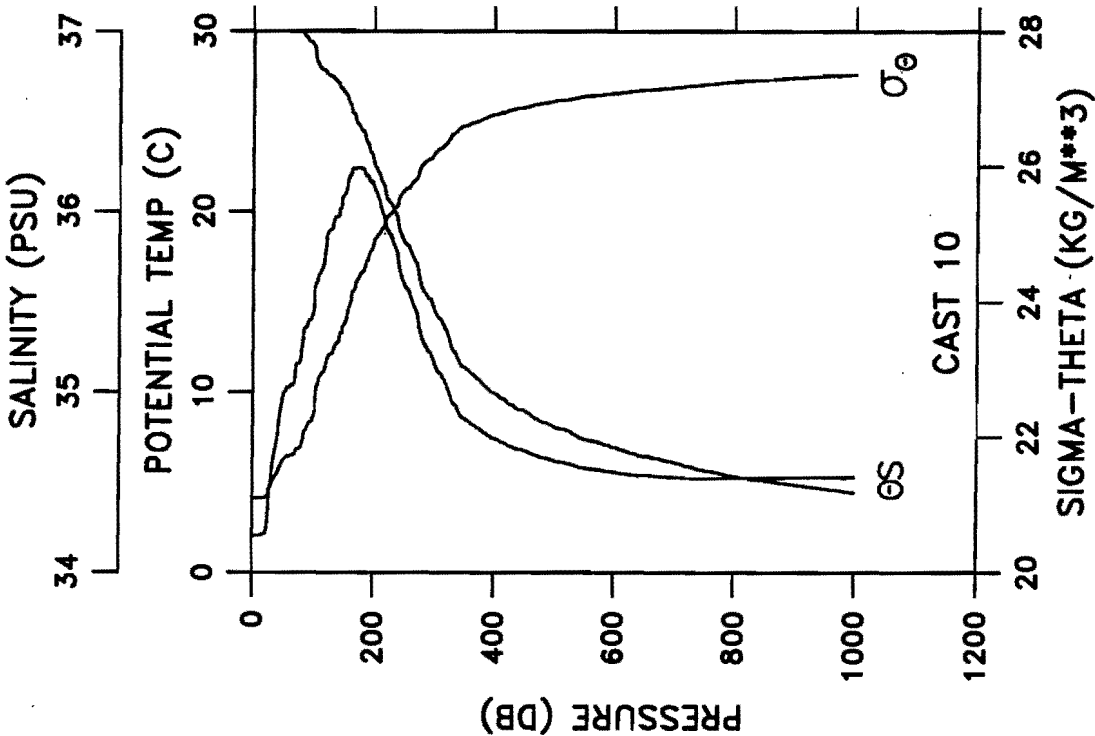
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.764	34.380	21.344	0.000
10	28.764	34.379	21.344	0.064
20	28.766	34.394	21.354	0.129
30	28.783	34.703	21.580	0.192
40	28.753	34.930	21.760	0.254
50	28.688	35.025	21.854	0.314
60	28.683	35.070	21.889	0.373
70	28.553	35.172	22.010	0.432
80	28.660	35.349	22.106	0.490
90	28.544	35.367	22.159	0.547
100	28.502	35.371	22.176	0.604
110	28.146	35.353	22.283	0.661
120	26.862	35.362	23.037	0.712
130	25.790	35.365	23.376	0.758
140	25.204	35.396	23.580	0.803
150	24.718	35.401	23.731	0.846
160	23.975	35.395	23.949	0.887
170	23.124	35.463	24.250	0.926
180	21.570	35.617	24.808	0.960
190	19.812	35.598	25.269	0.990
200	17.902	35.475	25.661	1.016
250	11.986	34.890	26.505	1.106
300	11.402	34.835	26.574	1.184
350	10.806	34.782	26.641	1.259
400	10.363	34.758	26.701	1.332
450	9.478	34.702	26.807	1.401
500	8.647	34.644	26.895	1.466
550	7.682	34.587	26.997	1.525
600	6.851	34.546	27.082	1.580
650	6.510	34.535	27.119	1.633
700	6.132	34.529	27.164	1.684
750	5.714	34.532	27.219	1.732
800	5.420	34.535	27.257	1.778
900	4.890	34.536	27.320	1.867
1000	4.498	34.540	27.367	1.950
1003	4.472	34.541	27.371	1.953

CAST GP4-95-DI -009 DATE 03 MAY 95 TIME 0942 GMT
 LAT 04 57.2S LONG 165 10.0E WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 080 T SPD 10 KT VISIBILITY 8
 CLOUD 6 AMOUNT 3 DRY 29.8 WET 26.4 DEPTH 2529 M



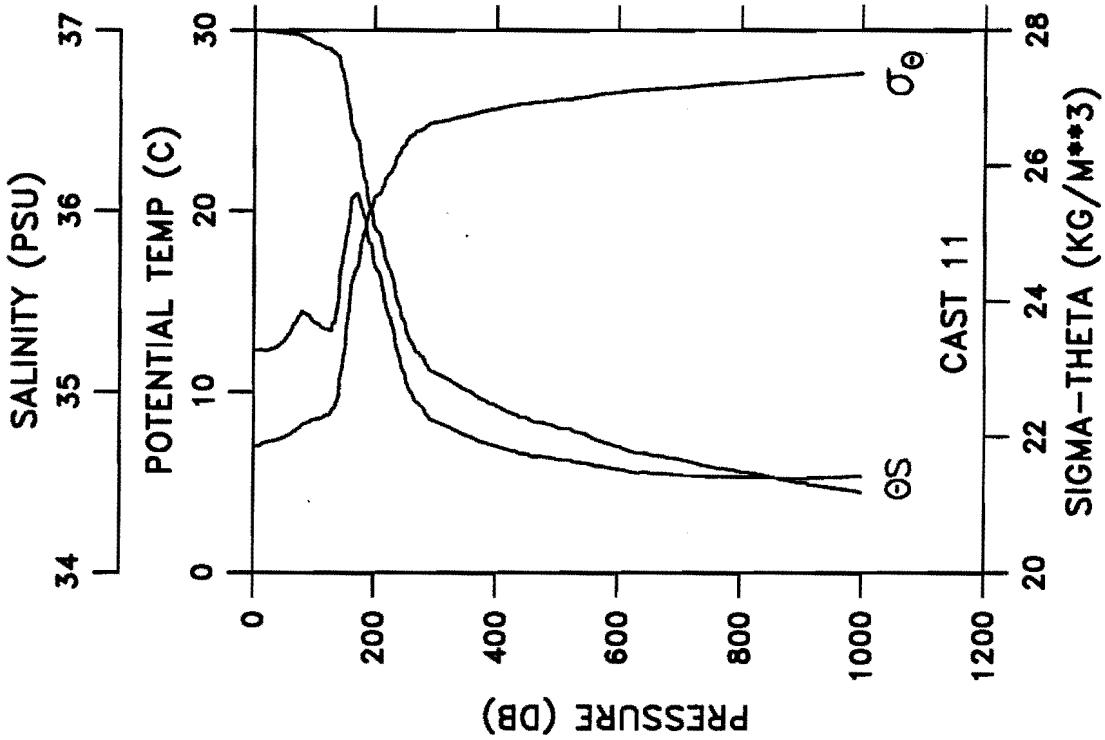
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.817	35.057	21.834	0.000
10	29.819	35.070	21.842	0.080
20	29.920	35.311	21.889	0.119
30	29.934	35.398	22.049	0.177
40	29.866	35.426	22.084	0.234
50	29.830	35.434	22.112	0.292
60	29.506	35.412	22.206	0.349
70	29.405	35.427	22.251	0.405
80	29.284	35.430	22.301	0.461
90	29.161	35.433	22.337	0.516
100	28.783	35.450	22.476	0.571
110	28.444	35.480	22.611	0.625
120	27.821	35.542	22.863	0.676
130	27.414	35.600	23.039	0.726
140	27.102	35.647	23.174	0.774
150	26.545	35.721	23.408	0.820
160	25.122	35.904	23.889	0.863
170	23.746	35.939	24.430	0.901
180	22.657	35.978	24.776	0.934
190	21.005	35.858	25.147	0.965
200	18.818	35.636	25.555	0.992
250	13.481	35.062	26.342	1.089
300	11.739	34.902	26.563	1.172
350	10.411	34.782	26.711	1.245
400	9.803	34.731	26.776	1.313
450	9.369	34.698	26.822	1.380
500	8.824	34.667	26.885	1.444
550	8.295	34.630	26.939	1.506
600	7.865	34.613	26.990	1.566
650	7.364	34.586	27.042	1.623
700	6.862	34.562	27.083	1.678
750	6.413	34.546	27.141	1.731
800	5.912	34.526	27.190	1.781
800	5.145	34.524	27.281	1.875
1000	4.616	34.530	27.347	1.961
1002	4.615	34.530	27.347	1.962

CAST GP4-95-D1 -010 DATE 06 MAY 95 TIME 0818 GMT
 LAT 08 00.4S LONG 179 55.8W WEATHER 0 SEA STATE 3
 BAROMETER 12 WIND DIR 100 T SPD 06 KT VISIBILITY 9
 CLOUD B AMOUNT 2 DRY 29.7 WET 26.8 DEPTH 5534 M



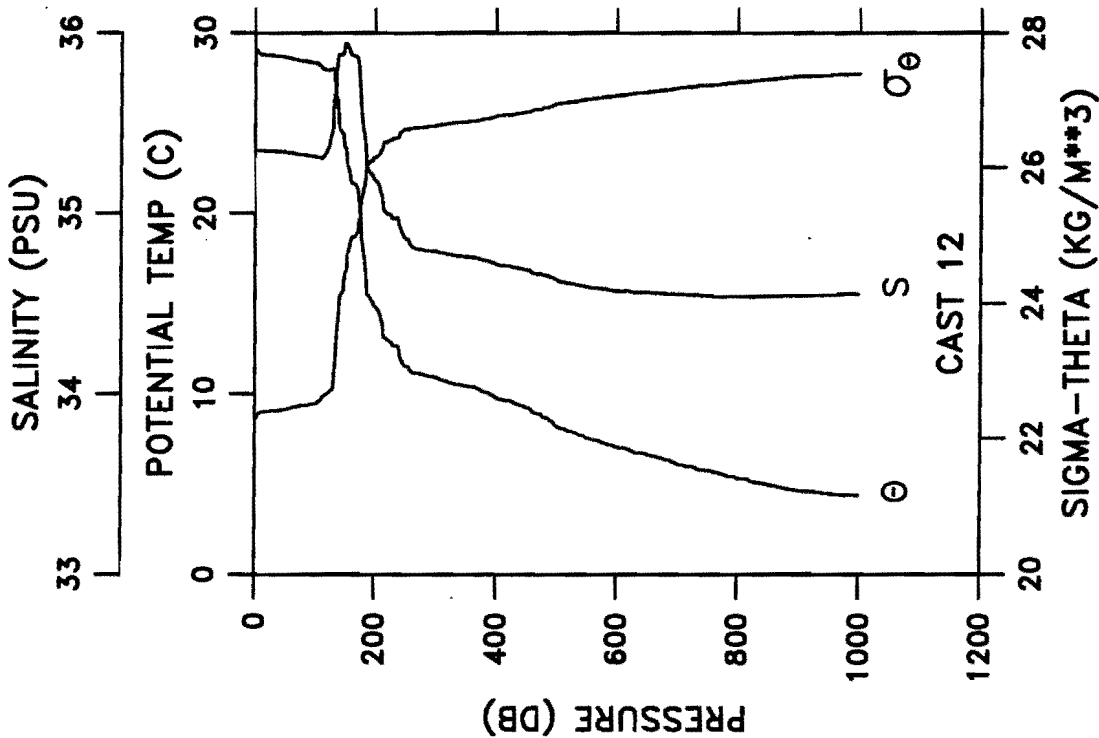
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.113	34.206	21.095	0.000
10	30.109	34.204	21.085	0.067
20	30.100	34.217	21.107	0.134
30	30.226	34.501	21.278	0.200
40	30.193	34.726	21.457	0.264
50	30.178	34.982	21.654	0.327
60	30.099	35.025	21.714	0.388
70	30.104	35.084	21.756	0.449
80	30.057	35.192	21.853	0.509
90	29.568	35.366	22.150	0.567
100	29.250	35.431	22.306	0.624
110	27.997	35.649	22.886	0.676
120	27.766	35.771	23.053	0.726
130	27.518	35.899	23.230	0.773
140	27.148	35.969	23.402	0.819
150	26.639	36.085	23.653	0.864
160	25.971	36.195	23.946	0.906
170	25.045	36.237	24.265	0.944
180	24.490	36.236	24.432	0.981
190	23.764	36.198	24.621	1.016
200	22.712	36.138	24.882	1.048
250	18.400	35.601	25.634	1.188
300	14.678	35.166	26.171	1.297
350	11.382	34.853	26.591	1.383
400	8.938	34.740	26.760	1.455
450	8.992	34.676	26.866	1.521
500	8.096	34.621	26.962	1.582
550	7.358	34.579	27.037	1.639
600	6.924	34.557	27.080	1.694
650	6.429	34.536	27.133	1.746
700	6.081	34.528	27.169	1.796
750	5.681	34.523	27.216	1.845
800	5.353	34.524	27.257	1.891
900	4.880	34.527	27.314	1.979
1000	4.431	34.528	27.365	2.063
1004	4.426	34.528	27.366	2.066

CAST GP4-85-DI -011 DATE 07 MAY 95 TIME 0810 GMT
 LAT 04 59.7S LONG 179 58.0W WEATHER 2 SEA STATE 3
 BAROMETER 10 WIND DIR 085 T SPD 11 KT VISIBILITY 8
 CLOUD 9 AMOUNT 6 DRY 30.1 WET 26.2 DEPTH 5676 M



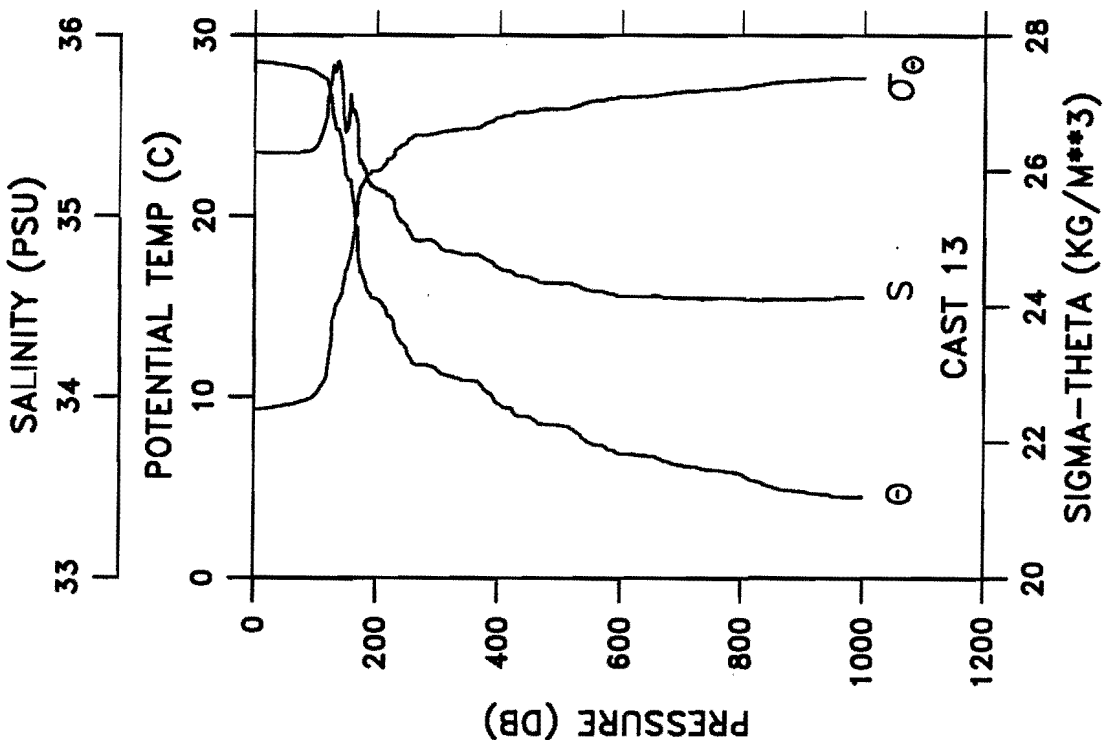
PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-D (DTN-M)
0	30.109	35.233	21.866	0.000
10	30.100	35.231	21.868	0.059
20	29.939	35.229	21.921	0.118
30	29.913	35.237	21.936	0.178
40	29.896	35.255	21.958	0.236
50	29.855	35.279	21.987	0.295
60	29.820	35.324	22.033	0.353
70	29.757	35.380	22.098	0.411
80	29.672	35.445	22.174	0.468
90	29.507	35.423	22.214	0.525
100	29.289	35.384	22.277	0.581
110	29.187	35.364	22.277	0.637
120	29.021	35.347	22.320	0.693
130	28.813	35.368	22.405	0.749
140	28.574	35.499	22.583	0.803
150	27.255	35.770	23.218	0.853
160	25.154	35.961	24.023	0.898
170	24.031	36.091	24.461	0.933
180	22.317	36.011	24.898	0.966
190	20.506	35.844	25.272	0.998
200	19.124	35.708	25.532	1.023
250	13.885	35.104	26.293	1.132
300	11.055	34.838	26.840	1.211
350	10.148	34.760	26.739	1.282
400	9.272	34.699	26.839	1.348
450	8.570	34.654	26.916	1.410
500	8.042	34.627	26.975	1.470
550	7.615	34.604	27.019	1.527
600	6.964	34.572	27.087	1.582
650	6.530	34.553	27.130	1.634
700	6.264	34.541	27.157	1.685
750	5.871	34.533	27.200	1.734
800	5.584	34.528	27.230	1.782
800	4.988	34.523	27.299	1.872
1000	4.448	34.535	27.369	1.956
1004	4.437	34.535	27.370	1.959

CAST GP4-95-DI -012 DATE 08 MAY 95 TIME 0415 GMT
 LAT 01 59.6S LONG 179 53.5W WEATHER 1 SEA STATE 3
 BAROMETER 07 WIND DIR 110 T SPD 10 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 31.0 WET 25.8 DEPTH 5314 M



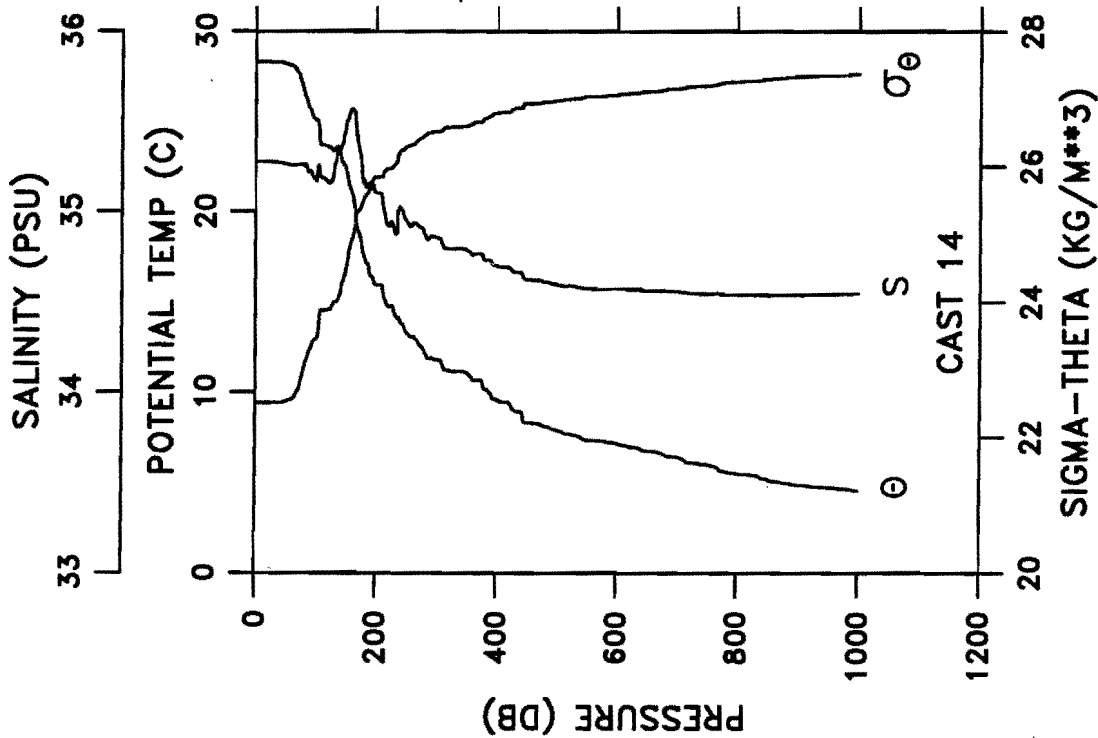
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.040	35.348	22.315	0.000
10	28.805	35.345	22.390	0.055
20	28.769	35.344	22.402	0.109
30	28.744	35.342	22.408	0.164
40	28.712	35.340	22.418	0.218
50	28.680	35.337	22.433	0.272
60	28.586	35.333	22.454	0.326
70	28.507	35.327	22.476	0.380
80	28.443	35.322	22.493	0.434
90	28.404	35.318	22.504	0.488
100	28.338	35.313	22.521	0.541
110	28.174	35.307	22.571	0.595
120	27.955	35.340	22.667	0.648
130	28.011	35.464	22.742	0.700
140	25.407	35.881	23.885	0.746
150	23.733	35.938	24.433	0.784
160	21.862	35.884	24.925	0.817
170	21.445	35.869	25.034	0.848
180	18.236	35.493	25.592	0.875
190	15.393	35.234	26.066	0.897
200	14.811	35.182	26.155	0.916
250	11.530	34.863	26.572	1.001
300	10.937	34.780	26.624	1.076
350	10.446	34.780	26.688	1.148
400	9.791	34.719	26.769	1.218
450	9.256	34.688	26.832	1.285
500	8.224	34.632	26.852	1.348
550	7.558	34.592	27.019	1.406
600	7.034	34.567	27.074	1.461
650	6.626	34.561	27.124	1.514
700	6.117	34.549	27.182	1.564
750	5.739	34.542	27.224	1.612
800	5.311	34.539	27.273	1.658
800	4.631	34.543	27.355	1.743
1000	4.372	34.550	27.389	1.823
1002	4.371	34.550	27.389	1.825

CAST GP4-95-DI -013 DATE 08 MAY 85 TIME 0948 GMT
 LAT 01 00.1S LONG 179 52.2W WEATHER 1 SEA STATE 4
 BAROMETER 09 WIND DIR 120 T SPD 12 KT VISIBILITY 9
 CLOUD 8 AMOUNT 2 DRY 28.8 WET 25.2 DEPTH 5338 M



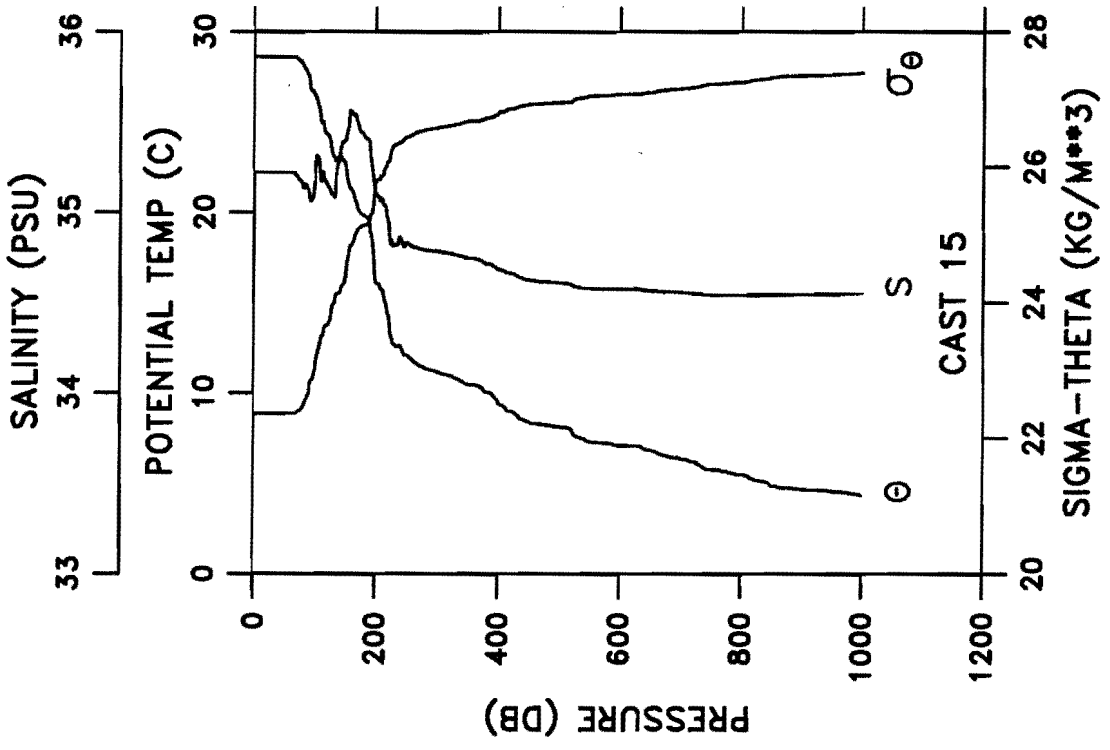
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.531	35.351	22.486	0.000
10	28.521	35.350	22.489	0.053
20	28.490	35.349	22.498	0.107
30	28.456	35.349	22.509	0.160
40	28.396	35.350	22.530	0.214
50	28.359	35.351	22.543	0.267
60	28.313	35.351	22.558	0.320
70	28.245	35.351	22.581	0.373
80	28.175	35.355	22.606	0.426
90	28.107	35.358	22.631	0.478
100	27.950	35.380	22.699	0.531
110	27.719	35.451	22.828	0.582
120	27.321	35.639	23.098	0.632
130	25.337	35.820	23.860	0.677
140	24.506	35.819	24.112	0.716
150	22.211	35.474	24.520	0.753
160	21.255	35.577	24.865	0.786
170	17.993	35.335	25.606	0.815
180	16.448	35.265	25.849	0.838
190	15.577	35.168	25.974	0.859
200	15.396	35.150	26.000	0.880
250	12.431	34.928	26.451	0.972
300	11.471	34.840	26.565	1.051
350	10.929	34.787	26.623	1.126
400	9.634	34.714	26.781	1.198
450	8.904	34.681	26.868	1.263
500	8.430	34.627	26.916	1.324
550	7.449	34.587	27.030	1.384
600	6.856	34.558	27.090	1.438
650	6.700	34.557	27.111	1.491
700	6.208	34.544	27.165	1.542
750	5.954	34.544	27.198	1.591
800	5.999	34.543	27.230	1.639
900	4.802	34.540	27.333	1.726
1000	4.486	34.550	27.377	1.807
1003	4.477	34.550	27.378	1.810

CAST GP4-95-DI -014 DATE 08 MAY 95 TIME 1534 GMT
 LAT 00 04.7N LONG 179 52.3W WEATHER 1 SEA STATE 2
 BAROMETER 07 WIND DIR 170 T SPD 07 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 27.7 WET 24.5 DEPTH 5391 M



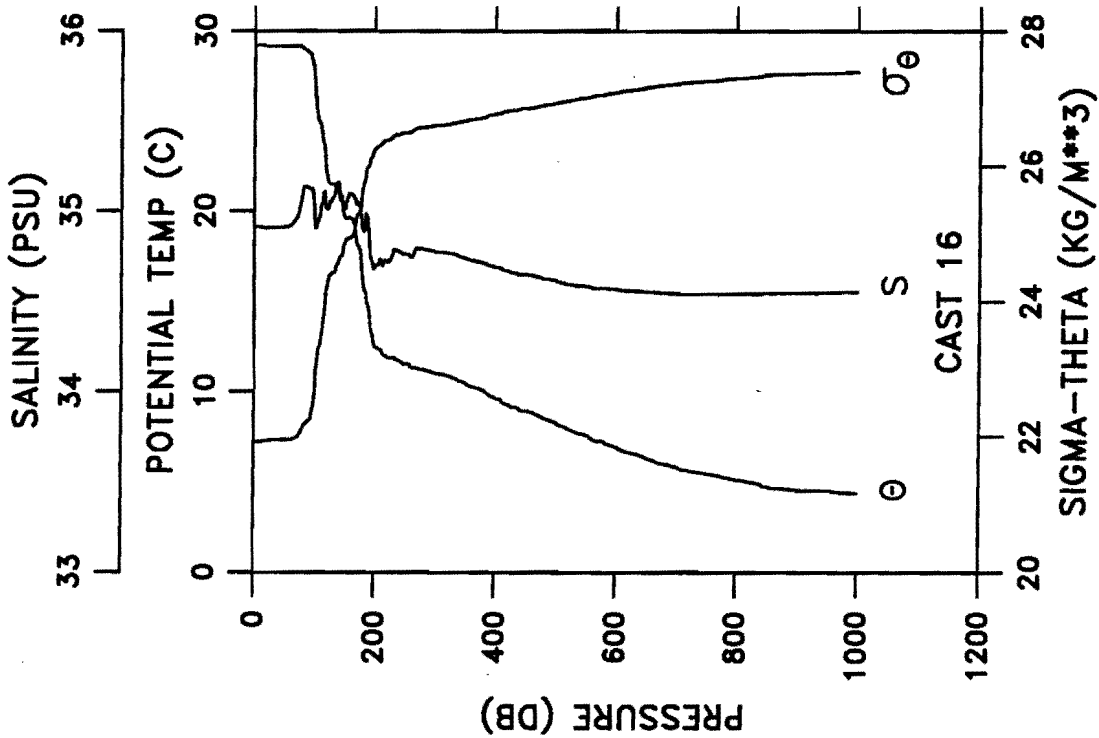
PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-D (DYN-M)
0	28.293	35.279	22.510	0.000
10	28.295	35.277	22.508	0.053
20	28.295	35.276	22.508	0.107
30	28.278	35.272	22.511	0.160
40	28.263	35.271	22.514	0.213
50	28.170	35.262	22.538	0.267
60	28.086	35.258	22.563	0.320
70	27.701	35.259	22.689	0.372
80	26.625	35.255	23.032	0.423
90	25.713	35.226	23.295	0.470
100	25.103	35.175	23.444	0.515
110	23.689	35.186	23.876	0.558
120	23.584	35.180	23.884	0.598
130	23.411	35.238	23.996	0.639
140	23.279	35.346	24.117	0.678
150	22.373	35.474	24.474	0.714
160	21.018	35.568	24.923	0.747
170	18.918	35.379	25.333	0.776
180	17.461	35.171	25.536	0.802
180	16.451	35.123	25.739	0.826
200	15.945	35.105	25.842	0.849
250	13.296	34.951	26.296	0.951
300	11.796	34.857	26.518	1.035
350	11.085	34.789	26.596	1.112
400	9.609	34.701	26.785	1.184
450	8.317	34.626	26.932	1.248
500	7.912	34.598	26.972	1.307
550	7.350	34.576	27.036	1.364
600	7.175	34.576	27.061	1.420
650	6.754	34.564	27.109	1.473
700	6.418	34.559	27.150	1.525
750	6.002	34.546	27.194	1.574
800	5.489	34.541	27.253	1.621
800	4.869	34.540	27.326	1.709
1000	4.558	34.549	27.368	1.792
1003	4.556	34.548	27.388	1.785

CAST GP4-95-D1 -015 DATE 08 MAY 95 TIME 2017 GMT
 LAT 01 00.0N LONG 179 50.7W WEATHER 2 SEA STATE 3
 BAROMETER 09 WIND DIR 120 T SPD 05 KT VISIBILITY 8
 CLOUD 2 AMOUNT 6 DRY 29.8 WET 25.0 DEPTH 5803 M



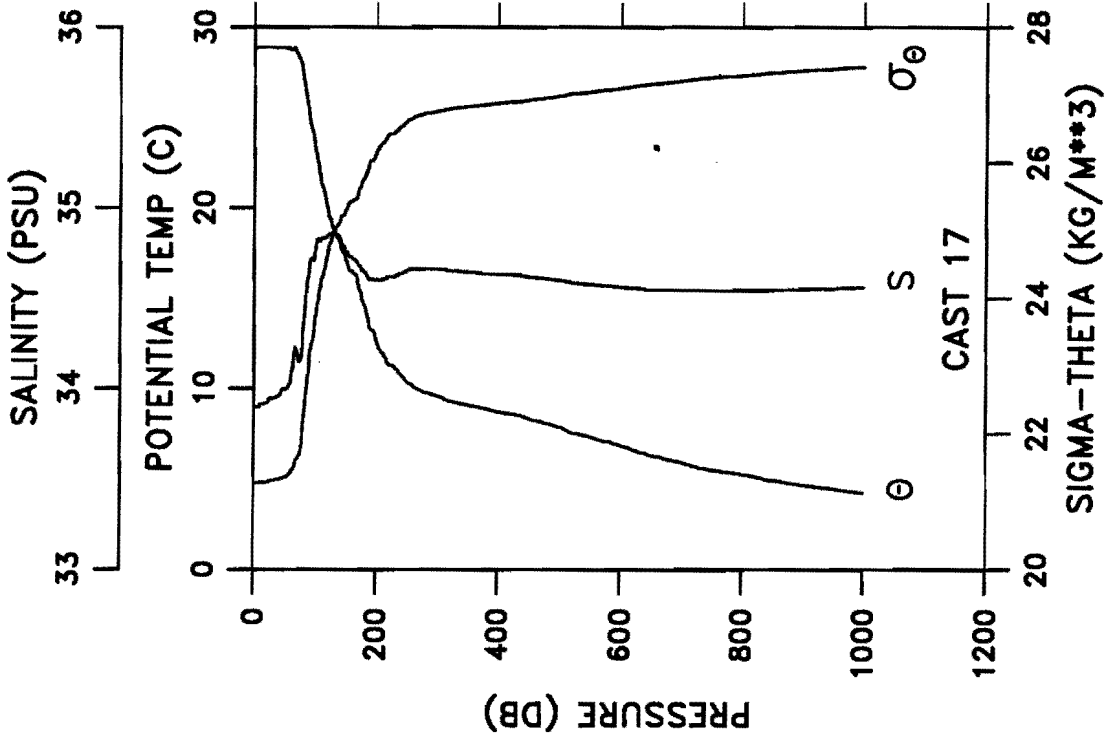
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.623	35.222	22.359	0.000
10	28.615	35.220	22.360	0.055
20	28.614	35.220	22.360	0.109
30	28.612	35.221	22.361	0.164
40	28.611	35.221	22.362	0.219
50	28.610	35.221	22.362	0.274
60	28.602	35.220	22.364	0.329
70	28.528	35.201	22.374	0.384
80	28.215	35.155	22.443	0.438
90	27.579	35.125	22.628	0.492
100	26.526	35.137	22.974	0.542
110	25.132	35.182	23.441	0.589
120	24.333	35.158	23.864	0.633
130	23.178	35.102	23.961	0.675
140	23.072	35.286	24.131	0.713
150	22.659	35.395	24.332	0.751
160	21.268	35.554	24.844	0.784
170	20.274	35.495	25.068	0.815
180	19.823	35.425	25.134	0.844
190	19.269	35.358	25.227	0.873
200	16.093	35.108	25.810	0.899
250	12.111	34.831	26.437	0.995
300	11.184	34.785	26.575	1.073
350	10.471	34.748	26.672	1.148
400	9.409	34.683	26.804	1.218
450	8.382	34.627	26.923	1.281
500	8.123	34.609	26.948	1.341
550	7.291	34.580	27.047	1.399
600	7.076	34.575	27.073	1.453
650	6.819	34.566	27.102	1.507
700	6.362	34.557	27.156	1.559
750	5.758	34.544	27.223	1.607
800	5.487	34.541	27.254	1.654
900	4.681	34.544	27.350	1.739
1000	4.355	34.553	27.383	1.820
1004	4.346	34.553	27.384	1.823

CAST GP4-85-DI -016 DATE 09 MAY 95 TIME 1129 GMT
 LAT 02 02.7N LONG 179 49.0W WEATHER 2 SEA STATE 4
 BAROMETER 08 WIND DIR 160 T SPD 13 KT VISIBILITY 9
 CLOUD 4 AMOUNT 8 DRY 28.2 WET 24.9 DEPTH 5436 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.232	34.913	21.924	0.000
10	29.225	34.912	21.925	0.059
20	29.170	34.906	21.939	0.118
30	29.155	34.908	21.946	0.177
40	29.149	34.909	21.948	0.235
50	29.146	34.911	21.951	0.294
60	29.152	34.919	21.955	0.353
70	29.144	34.958	21.986	0.412
80	29.053	35.088	22.114	0.470
90	28.789	35.129	22.233	0.527
100	27.494	35.018	22.575	0.582
110	24.797	34.987	23.394	0.629
120	22.151	35.018	24.191	0.671
130	21.471	35.089	24.419	0.707
140	21.083	35.161	24.595	0.742
150	19.736	35.011	24.841	0.775
160	19.612	35.100	24.941	0.808
170	18.293	35.037	25.229	0.836
180	16.122	34.900	25.844	0.863
190	14.496	34.901	26.006	0.885
200	12.494	34.688	26.252	0.904
250	11.528	34.763	26.494	0.988
300	11.028	34.775	26.596	1.065
350	10.484	34.741	26.666	1.139
400	9.654	34.690	26.769	1.209
450	8.930	34.650	26.855	1.275
500	8.326	34.619	26.925	1.337
550	7.593	34.585	27.008	1.396
600	6.929	34.568	27.089	1.451
650	6.335	34.554	27.157	1.502
700	5.849	34.546	27.213	1.551
750	5.477	34.541	27.255	1.597
800	5.122	34.542	27.298	1.641
850	4.570	34.547	27.365	1.724
900	4.372	34.551	27.390	1.804
1000	2.857	34.596	27.567	2.154
1500	2.125	34.633	27.668	2.435
2000	1.654	34.658	27.724	2.680
2500	1.430	34.668	27.749	2.913
3000	1.261	34.677	27.768	3.140
3500	1.109	34.686	27.786	3.362
4000	0.902	34.697	27.808	3.576
4500	0.844	34.700	27.814	3.785
5000	0.844	34.700	27.814	3.785
5005	0.844	34.700	27.814	3.788

CAST GP4-95-DI -017 DATE 10 MAY 95 TIME 1701 GMT
 LAT 04 57.8N LONG 179 52.7W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 075 T SPD 08 KT VISIBILITY 8
 CLOUD 9 AMOUNT 5 DRY 28.0 WET 25.5 DEPTH 5624 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.868	33.900	21.284	0.000
10	28.905	33.913	21.282	0.065
20	28.909	33.919	21.285	0.130
30	28.878	33.944	21.314	0.195
40	28.856	33.959	21.333	0.260
50	28.859	33.997	21.361	0.324
60	28.763	34.061	21.441	0.389
70	28.503	34.189	21.629	0.452
80	27.110	34.328	22.179	0.512
90	25.040	34.661	23.075	0.565
100	23.144	34.767	23.717	0.610
110	21.295	34.831	24.286	0.648
120	19.980	34.842	24.648	0.685
130	18.762	34.861	24.977	0.716
140	18.095	34.831	25.121	0.746
150	17.081	34.757	25.309	0.773
160	16.461	34.721	25.428	0.800
170	15.743	34.685	25.584	0.825
180	14.633	34.645	25.779	0.849
190	13.310	34.605	26.025	0.870
200	12.591	34.601	26.165	0.890
250	10.371	34.653	26.617	0.973
300	9.588	34.661	26.757	1.043
350	9.099	34.644	26.826	1.108
400	8.708	34.631	26.876	1.172
450	8.330	34.616	26.923	1.233
500	7.858	34.599	26.981	1.293
550	7.306	34.577	27.043	1.349
600	6.838	34.561	27.096	1.403
650	6.287	34.548	27.158	1.454
700	5.926	34.545	27.202	1.503
750	5.491	34.542	27.254	1.549
800	5.245	34.544	27.285	1.594
900	4.654	34.551	27.358	1.679
1000	4.246	34.559	27.409	1.757
1002	4.245	34.559	27.409	1.759

CAST GP4-95-DI -001 LAT 08 00.3N LONG 165 00.8E
 CAST GP4-95-DI -003 LAT 04 00.3N LONG 165 00.1E

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	28.303	34.077	28.300	21.603	11.	28.996	34.187	28.994	21.458
75.	28.013	34.350	27.995	21.902	75.	26.988	34.494	26.971	22.347
151.	16.430	34.695	16.406	25.415	151.	22.168	35.085	22.138	24.226
205.	11.938	34.540	11.911	26.245	200.	17.645	34.862	17.611	25.257
300.	9.624	34.589	9.590	26.698	294.	10.585	34.592	10.550	26.535
398.	8.890	34.613	8.847	26.833	401.	8.889	34.621	8.846	26.841
500.	7.894	34.571	7.844	26.953	503.	7.962	34.590	7.910	26.960
599.	7.038	34.545	6.981	27.054	599.	6.929	34.558	6.872	27.082
700.	6.216	34.535	6.152	27.157	702.	5.990	34.541	5.928	27.192
801.	5.654	34.532	5.584	27.225	802.	5.377	34.541	5.309	27.266
899.	5.087	34.543	5.012	27.301	899.	4.854	34.544	4.781	27.330
1000.	4.571	34.550	4.491	27.366	1000.	4.380	34.556	4.301	27.392

CAST GP4-95-DI -002 LAT 05 02.5N LONG 164 58.9E
 CAST GP4-95-DI -004 LAT 02 59.9N LONG 165 00.0E

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	28.719	34.134	28.716	21.508	11.	29.015	34.292	29.012	21.530
76.	26.458	34.529	26.441	22.545	75.	25.781	34.817	25.765	22.995
151.	21.283	35.039	21.254	24.453	152.	21.323	34.980	21.294	24.402
199.	15.955	34.767	15.923	25.565	201.	16.890	34.858	16.858	25.424
300.	10.008	34.617	9.973	26.651	300.	10.415	34.573	10.379	26.547
401.	8.691	34.620	8.648	26.871	400.	8.742	34.589	8.699	26.840
501.	8.156	34.600	8.104	26.937	500.	7.718	34.578	7.668	26.985
600.	7.231	34.568	7.172	27.045	601.	6.733	34.550	6.677	27.102
701.	6.533	34.550	6.468	27.128	698.	5.972	34.541	5.910	27.194
800.	5.644	34.540	5.574	27.233	799.	5.462	34.538	5.394	27.255
900.	5.077	34.544	5.002	27.303	899.	4.940	34.543	4.867	27.320
1001.	4.582	34.553	4.501	27.366	1001.	4.496	34.552	4.416	27.378

CAST GP4-95-DI -007 LAT 00 00.5S LONG 164 59.2E

CAST GP4-95-DI -005 LAT 01 56.7N LONG 165 02.7E

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	29.000	34.368	28.998	21.593	10.	29.506	34.372	29.504	21.426
74.	28.666	35.228	28.649	22.347	76.	29.280	34.802	29.261	21.817
148.	23.165	35.023	23.134	23.901	150.	18.205	35.212	18.180	25.374
199.	17.274	34.868	17.241	25.323	199.	16.358	35.141	16.326	25.770
299.	11.233	34.791	11.196	26.574	300.	12.883	34.939	12.842	26.371
402.	9.699	34.683	9.653	26.756	401.	9.854	34.710	9.807	26.750
501.	8.200	34.592	8.148	26.925	500.	8.099	34.602	8.047	26.947
599.	6.814	34.551	6.757	27.092	601.	7.088	34.559	7.030	27.060
699.	5.994	34.541	5.932	27.191	700.	6.355	34.553	6.291	27.154
800.	5.422	34.535	5.354	27.258	799.	5.717	34.542	5.647	27.225
899.	4.925	34.540	4.852	27.319	897.	4.962	34.539	4.888	27.314
1003.	4.432	34.551	4.353	27.384	997.	4.698	34.547	4.617	27.350

CAST GP4-95-DI -008 LAT 01 57.5S LONG 164 22.5E

CAST GP4-95-DI -006 LAT 01 00.0N LONG 164 59.9E

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	29.053	34.820	29.050	21.914	10.	29.779	34.393	29.777	21.350
75.	29.004	35.262	28.986	22.264	9.	29.778	34.391	29.776	21.348
153.	23.466	34.932	23.434	23.780	74.	29.672	35.353	29.654	22.101
201.	15.453	34.883	15.422	25.778	150.	24.239	35.384	24.207	23.856
301.	11.438	34.814	11.400	26.553	200.	16.239	35.316	16.206	25.931
399.	9.948	34.709	9.902	26.736	299.	11.374	34.821	11.336	26.570
500.	7.912	34.585	7.861	26.962	399.	10.288	34.746	10.240	26.706
600.	6.747	34.553	6.690	27.103	499.	8.389	34.623	8.336	26.920
701.	6.133	34.539	6.070	27.172	599.	6.803	34.538	6.747	27.082
800.	5.466	34.535	5.398	27.251	699.	5.992	34.526	5.930	27.180
901.	4.951	34.539	4.877	27.316	900.	4.921	34.534	4.847	27.314
1001.	4.458	34.551	4.379	27.381	1002.	4.574	34.540	4.494	27.359

CAST GP4-95-DI -009 LAT 04 57.2S LONG 165 10.0E

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	29.807	35.080	29.805	21.854	10.	30.067	35.243	30.065	21.870
75.	29.139	35.431	29.121	22.343	75.	29.697	35.425	29.678	22.152
150.	26.573	35.710	26.539	23.392	150.	27.354	35.740	27.319	23.169
200.	21.601	35.902	21.561	25.001	199.	19.166	35.706	19.130	25.505
301.	12.003	34.912	11.964	26.519	301.	11.000	34.823	10.963	26.638
398.	9.848	34.727	9.802	26.767	400.	9.278	34.696	9.234	26.834
500.	8.869	34.661	8.814	26.876	500.	8.095	34.624	8.043	26.965
602.	7.861	34.607	7.799	26.987	600.	7.014	34.570	6.956	27.078
700.	6.868	34.558	6.801	27.090	700.	6.312	34.541	6.248	27.149
800.	5.943	34.525	5.872	27.184	800.	5.630	34.527	5.561	27.224
900.	5.220	34.524	5.144	27.271	900.	5.061	34.523	4.987	27.289
1001.	4.696	34.531	4.615	27.337	1003.	4.519	34.537	4.439	27.361

CAST GP4-95-DI -011 LAT 04 59.7S LONG 179 58.0W

CAST GP4-95-DI -010 LAT 08 00.4S LONG 179 55.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	30.102	34.209	30.100	21.101	10.	28.816	35.343	28.814	22.384
74.	30.131	35.130	30.112	21.779	75.	28.481	35.321	28.463	22.479
151.	26.753	36.037	26.719	23.596	150.	23.145	35.925	23.114	24.592
199.	23.032	36.155	22.991	24.793	200.	14.827	35.163	14.797	26.135
298.	14.560	35.140	14.516	26.174	300.	10.989	34.786	10.952	26.611
400.	9.946	34.731	9.899	26.751	400.	9.740	34.710	9.694	26.771
499.	8.053	34.614	8.001	26.962	500.	8.220	34.625	8.168	26.945
600.	6.979	34.556	6.922	27.072	599.	7.051	34.568	6.993	27.070
700.	6.117	34.527	6.054	27.164	700.	6.109	34.550	6.046	27.182
800.	5.418	34.525	5.350	27.248	801.	5.346	34.540	5.279	27.268
900.	4.957	34.528	4.883	27.305	900.	4.685	34.546	4.613	27.349
1002.	4.509	34.530	4.429	27.357	1001.	4.453	34.553	4.373	27.380

CAST GP4-95-DI -012 LAT 01 59.6S LONG 179 53.5W

CAST GP4-95-DI -013 LAT 01 00.1S LONG 179 52.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	28.552	35.348	28.550	22.476
74.	28.232	35.349	28.215	22.582
148.	22.179	35.462	22.149	24.513
200.	15.371	35.135	15.340	25.994
299.	11.394	34.819	11.356	26.566
399.	9.641	34.704	9.595	26.783
501.	8.454	34.626	8.401	26.912
599.	6.913	34.556	6.857	27.082
698.	6.284	34.543	6.220	27.155
800.	5.825	34.544	5.754	27.213
899.	4.876	34.540	4.803	27.324
1000.	4.564	34.550	4.484	27.368

CAST GP4-95-DI -015 LAT 01 00.0N LONG 179 50.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	28.620	35.216	28.617	22.356
74.	28.409	35.172	28.391	22.392
152.	21.788	35.426	21.758	24.611
199.	16.069	35.075	16.037	25.786
299.	11.278	34.779	11.240	26.555
399.	9.776	34.693	9.731	26.749
503.	8.185	34.607	8.133	26.940
600.	7.132	34.573	7.074	27.066
701.	6.406	34.555	6.341	27.149
799.	5.543	34.541	5.475	27.246
899.	4.754	34.544	4.681	27.342
1002.	4.434	34.553	4.355	27.384

CAST GP4-95-DI -014 LAT 00 04.7N LONG 179 52.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.281	35.275	28.279	22.511
75.	27.208	35.255	27.191	22.837
151.	22.251	35.491	22.221	24.517
201.	15.984	35.096	15.952	25.824
302.	11.823	34.849	11.783	26.507
399.	9.659	34.698	9.613	26.774
500.	7.945	34.596	7.894	26.965
601.	7.165	34.575	7.107	27.062
699.	6.458	34.557	6.393	27.144
799.	5.542	34.539	5.473	27.246
892.	4.980	34.539	4.906	27.312
1001.	4.638	34.549	4.557	27.359

CAST GP4-95-DI -016 LAT 02 02.7N LONG 179 49.0W

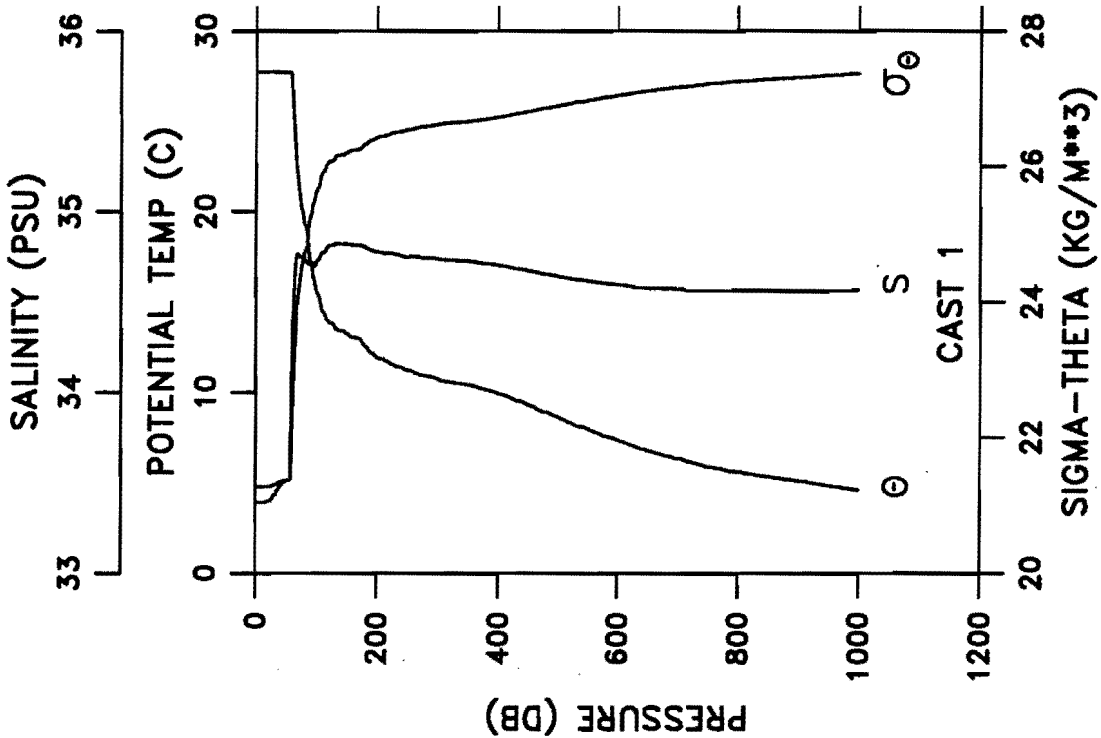
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	29.174	34.907	29.172	21.938
69.	29.172	34.939	29.155	21.970
152.	19.946	35.047	19.918	24.799
299.	11.063	34.769	11.026	26.587
499.	8.406	34.617	8.353	26.913
799.	5.346	34.540	5.278	27.271
1001.	4.460	34.552	4.381	27.381
1499.	3.077	34.596	2.968	27.555
2000.	2.214	34.636	2.075	27.662
2998.	1.631	34.669	1.411	27.735
3996.	1.425	34.686	1.109	27.763
5000.	1.271	34.700	0.845	27.786

CASST GP4-95-DI -017 LAT 04 57.8N LONG 179 52.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	28.888	33.900	28.886	21.278
75.	28.129	34.163	28.111	21.718
155.	16.923	34.738	16.897	25.328
201.	12.120	34.586	12.094	26.248
302.	9.453	34.649	9.419	26.773
400.	8.679	34.626	8.636	26.879
502.	7.721	34.588	7.671	26.993
600.	6.836	34.555	6.779	27.093
704.	5.970	34.543	5.907	27.197
801.	5.311	34.542	5.243	27.276
899.	4.737	34.552	4.665	27.348
1000.	4.324	34.559	4.246	27.401

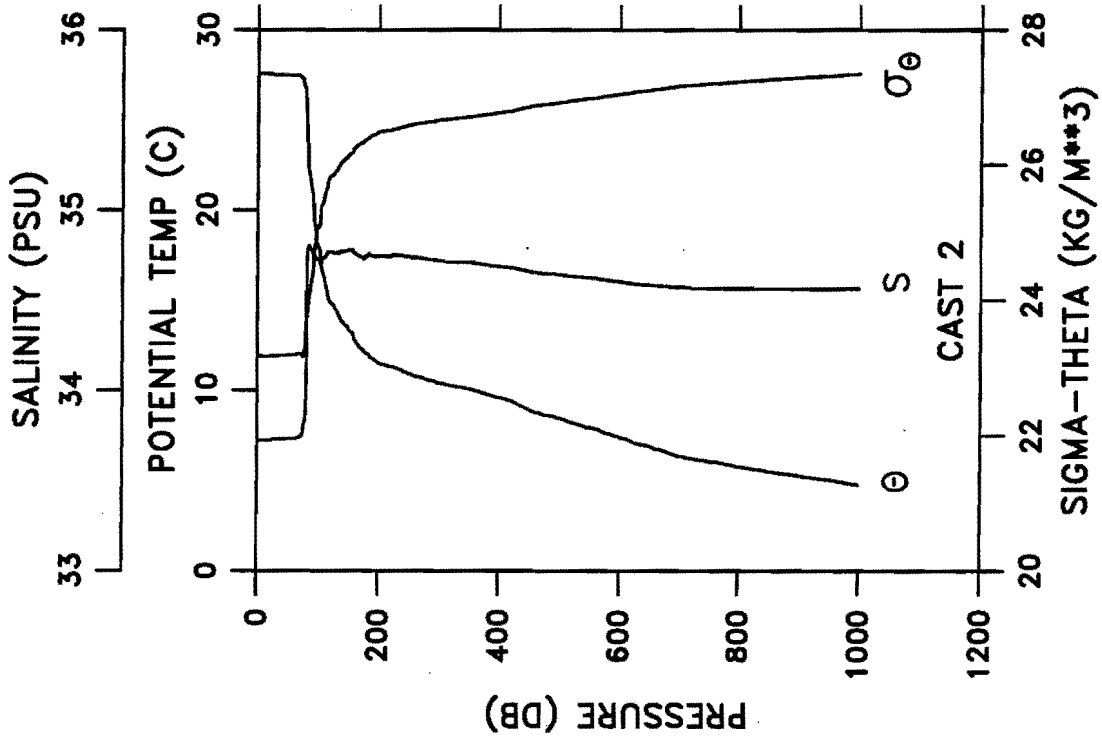
GP5-95-DI
August 2-24, 1995
CTD and Hydrographic Data Summary

CAST GPS-95-DI-001 DATE 08 AUG 95 TIME 0925 GMT
 LAT 08 03.6N LONG 110 03.7W WEATHER 2 SEA STATE 2
 BAROMETER 11 WIND DIR 180 T SPD 13 KT VISIBILITY 8
 CLOUD 6 AMOUNT 8 DRY 27.4 WET 24.3 DEPTH 4059 M



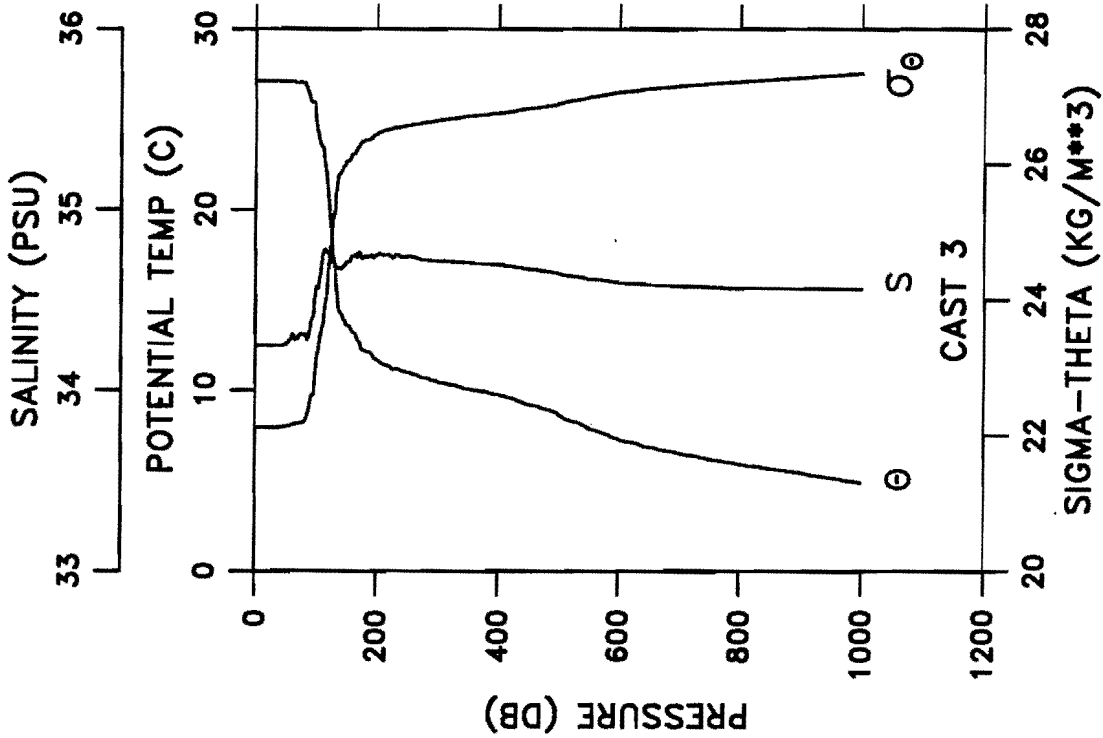
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.721	33.393	21.279	0.000
10	27.730	33.391	21.275	0.065
20	27.743	33.399	21.277	0.130
30	27.737	33.431	21.303	0.185
40	27.721	33.480	21.345	0.260
50	27.712	33.512	21.371	0.324
60	26.738	34.298	22.274	0.387
70	21.742	34.761	24.109	0.432
80	19.324	34.732	24.735	0.467
90	17.186	34.716	25.253	0.498
100	15.556	34.724	25.637	0.523
110	14.453	34.774	25.917	0.546
120	13.925	34.809	26.056	0.567
130	13.638	34.820	26.124	0.586
140	13.416	34.820	26.170	0.605
150	13.267	34.819	26.200	0.624
160	13.049	34.816	26.241	0.642
170	13.000	34.814	26.249	0.660
180	12.577	34.803	26.325	0.678
190	12.193	34.785	26.386	0.695
200	11.933	34.777	26.429	0.712
250	11.238	34.746	26.535	0.791
300	10.751	34.738	26.617	0.867
350	10.429	34.725	26.663	0.940
400	9.946	34.703	26.729	1.012
450	9.314	34.673	26.811	1.080
500	8.657	34.642	26.893	1.144
550	7.978	34.617	26.976	1.204
600	7.376	34.596	27.048	1.261
650	6.764	34.577	27.118	1.315
700	6.328	34.570	27.171	1.366
750	5.860	34.561	27.223	1.414
800	5.593	34.561	27.257	1.460
900	5.089	34.560	27.316	1.549
1000	4.586	34.565	27.377	1.632
1500	2.996	34.607	27.572	1.981
2000	2.083	34.647	27.681	2.261
2500	1.652	34.670	27.734	2.497
3000	1.500	34.677	27.751	2.729
3500	1.281	34.687	27.775	2.954
3853	1.237	34.689	27.779	3.112

CAST GP5-95-D1 -002 DATE 08 AUG 95 TIME 0126 GMT
 LAT 07 00.0N LONG 110 00.1W WEATHER 2 SEA STATE 5
 BAROMETER 11 WIND DIR 175 T SPD 12 KT VISIBILITY 8
 CLOUD 6 AMOUNT 6 DRY 27.5 WET 24.0 DEPTH 3751 M



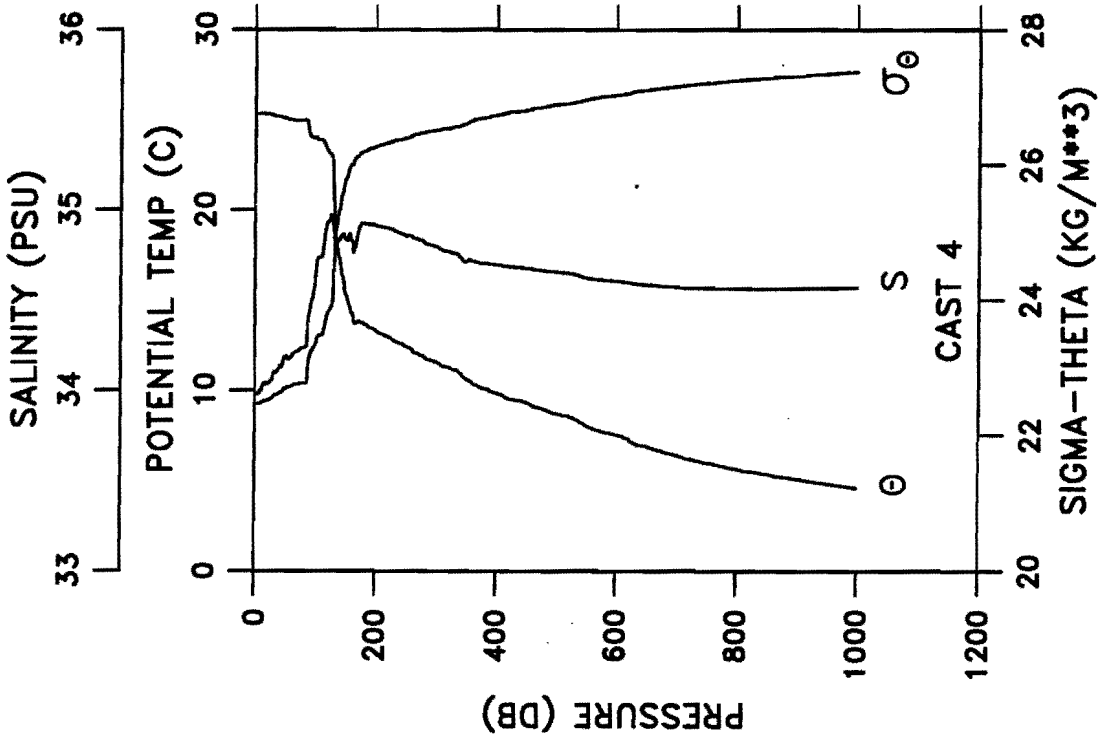
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.572	34.193	21.929	0.000
10	27.571	34.191	21.928	0.059
20	27.575	34.190	21.928	0.118
30	27.508	34.192	21.948	0.177
40	27.503	34.183	21.951	0.235
50	27.498	34.194	21.954	0.294
60	27.495	34.197	21.956	0.353
70	27.423	34.202	21.983	0.412
80	26.550	34.292	22.330	0.469
90	21.086	34.776	24.301	0.510
100	17.960	34.727	25.074	0.543
110	16.255	34.731	25.483	0.570
120	14.880	34.787	25.819	0.593
130	14.443	34.782	25.910	0.615
140	13.744	34.770	26.063	0.635
150	13.382	34.777	26.143	0.655
160	12.800	34.763	26.250	0.673
170	12.354	34.741	26.320	0.691
180	12.025	34.738	26.381	0.708
190	11.736	34.743	26.440	0.725
200	11.508	34.741	26.481	0.741
250	10.929	34.740	26.586	0.818
300	10.414	34.717	26.660	0.892
350	10.089	34.709	26.710	0.963
400	9.600	34.686	26.774	1.032
450	8.963	34.659	26.857	1.088
500	8.468	34.641	26.921	1.160
550	7.956	34.624	26.985	1.220
600	7.411	34.601	27.047	1.277
650	6.896	34.583	27.105	1.331
700	6.371	34.573	27.167	1.382
750	6.067	34.565	27.201	1.431
800	5.784	34.563	27.235	1.479
900	5.296	34.561	27.282	1.570
1000	4.770	34.563	27.356	1.656
1003	4.757	34.562	27.356	1.658

CAST GP5-95-DI -003 DATE 08 AUG 95 TIME 0627 GMT
 LAT 06 00.1N LONG 110 00.1W WEATHER 2 SEA STATE 4
 BAROMETER 14 WIND DIR 160 T SPD 14 KT VISIBILITY 8
 CLOUD 8 AMOUNT 6 DRY 26.2 WET 23.5 DEPTH 3702 M



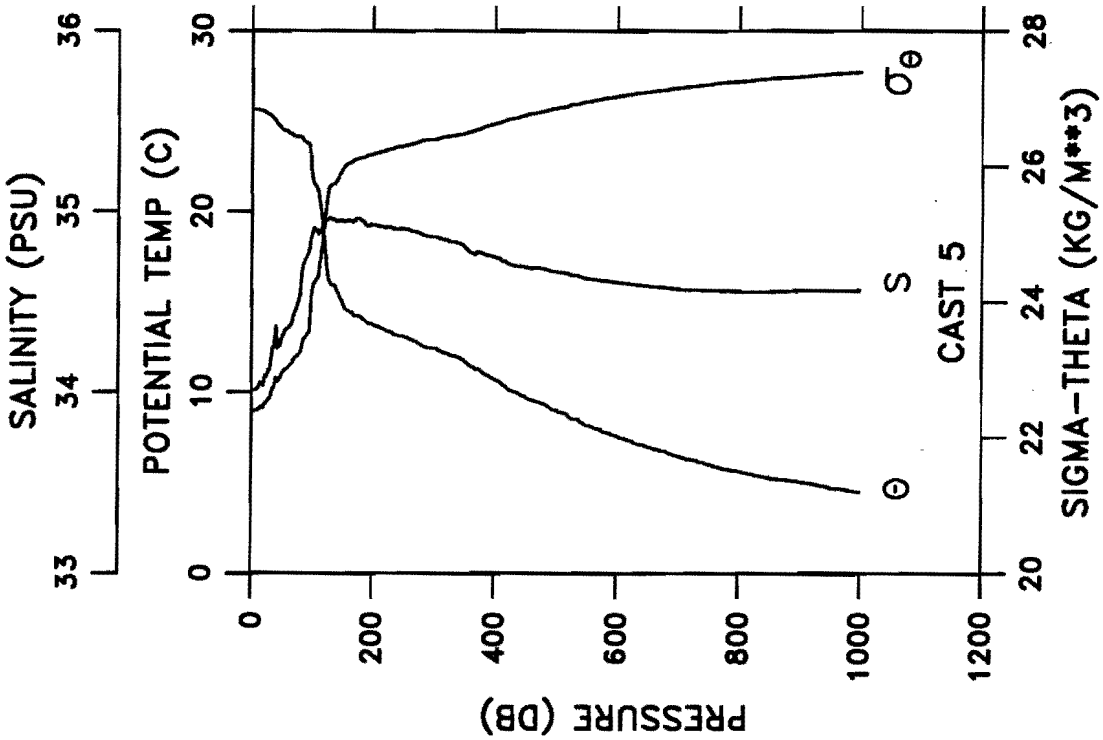
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.101	34.248	22.122	0.000
10	27.108	34.248	22.119	0.057
20	27.110	34.248	22.119	0.114
30	27.109	34.248	22.119	0.171
40	27.107	34.248	22.119	0.228
50	27.083	34.252	22.130	0.285
60	27.110	34.298	22.156	0.342
70	27.009	34.286	22.179	0.399
80	27.014	34.310	22.196	0.456
90	26.147	34.333	22.486	0.512
100	24.919	34.555	23.031	0.564
110	23.476	34.711	23.578	0.609
120	20.878	34.759	24.345	0.650
130	17.165	34.711	25.254	0.681
140	14.322	34.671	25.866	0.705
150	13.635	34.708	26.038	0.726
160	13.223	34.745	26.151	0.746
170	12.739	34.758	26.258	0.765
180	12.190	34.738	26.350	0.782
190	12.051	34.744	26.381	0.799
200	11.710	34.748	26.449	0.816
250	10.988	34.739	26.573	0.893
300	10.467	34.715	26.649	0.968
350	10.061	34.706	26.712	1.038
400	9.758	34.694	26.754	1.108
450	9.205	34.670	26.827	1.176
500	8.633	34.644	26.898	1.240
550	7.895	34.616	26.988	1.300
600	7.277	34.596	27.062	1.356
650	6.832	34.584	27.114	1.410
700	6.467	34.576	27.155	1.461
750	6.168	34.570	27.192	1.511
800	5.900	34.563	27.220	1.560
800	5.428	34.562	27.278	1.652
1000	4.876	34.561	27.342	1.739
1002	4.871	34.560	27.342	1.741

CAST GPS-85-DI -004 DATE 09 AUG 85 TIME 1756 GMT
 LAT 04 55.6N LONG 109 56.7W WEATHER 2 SEA STATE 4
 BAROMETER 14 WIND DIR 155 T SPD 12 KT VISIBILITY 8
 CLOUD 0 AMOUNT 6 DRY 26.6 WET 23.2 DEPTH 4012 M



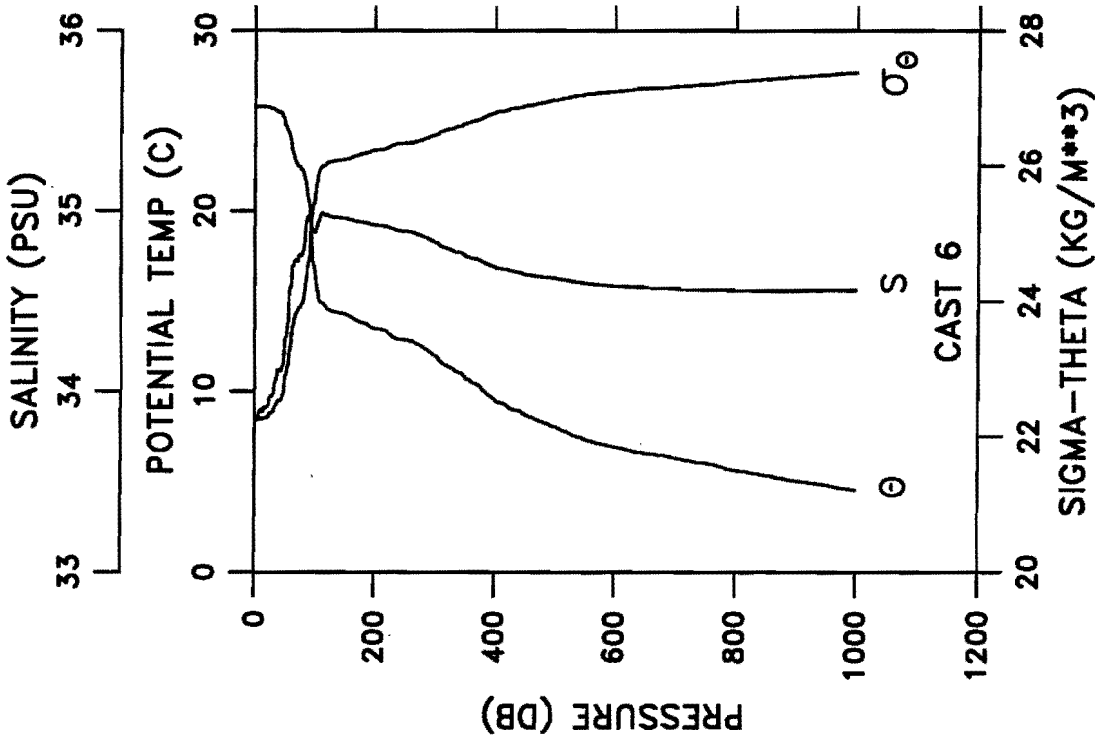
PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-D (DTN-M)
0	25.349	33.983	22.489	0.000
10	25.350	33.999	22.481	0.054
20	25.314	34.043	22.525	0.107
30	25.242	34.083	22.577	0.160
40	25.173	34.122	22.627	0.213
50	25.084	34.180	22.688	0.265
60	24.993	34.184	22.729	0.316
70	24.956	34.214	22.763	0.367
80	24.974	34.235	22.773	0.418
90	24.184	34.426	23.154	0.468
100	24.027	34.629	23.354	0.515
110	23.877	34.739	23.482	0.560
120	23.318	34.929	23.789	0.603
130	21.311	34.906	24.339	0.643
140	17.277	34.838	25.325	0.673
150	15.294	34.838	25.783	0.698
160	14.251	34.832	26.005	0.719
170	13.790	34.861	26.124	0.739
180	13.687	34.924	26.194	0.758
190	13.484	34.921	26.238	0.777
200	13.301	34.914	26.266	0.795
250	12.420	34.855	26.396	0.882
300	11.570	34.795	26.512	0.963
350	10.649	34.714	26.616	1.041
400	9.859	34.695	26.738	1.112
450	9.325	34.676	26.812	1.180
500	8.722	34.655	26.892	1.244
550	8.058	34.622	26.989	1.306
600	7.536	34.603	27.031	1.363
650	6.905	34.585	27.105	1.417
700	6.398	34.571	27.163	1.469
750	5.980	34.565	27.212	1.517
800	5.629	34.562	27.253	1.564
850	5.087	34.562	27.318	1.653
900	4.592	34.567	27.378	1.736
1000	2.993	34.610	27.574	2.084
2000	2.145	34.644	27.675	2.367
2500	1.695	34.667	27.728	2.612
3000	1.528	34.675	27.748	2.847
3500	1.255	34.687	27.777	3.071
3804	1.174	34.690	27.785	3.204

CAST GP5-95-DI -005 DATE 09 AUG 95 TIME 2344 GMT
 LAT 03 59.9N LONG 110 00.5W WEATHER 1 SEA STATE 5
 BAROMETER 11 WIND DIR 165 T SPD 20 KT VISIBILITY 8
 CLOUD 8 AMOUNT 5 DRY 25.5 WET 22.0 DEPTH 3859 M

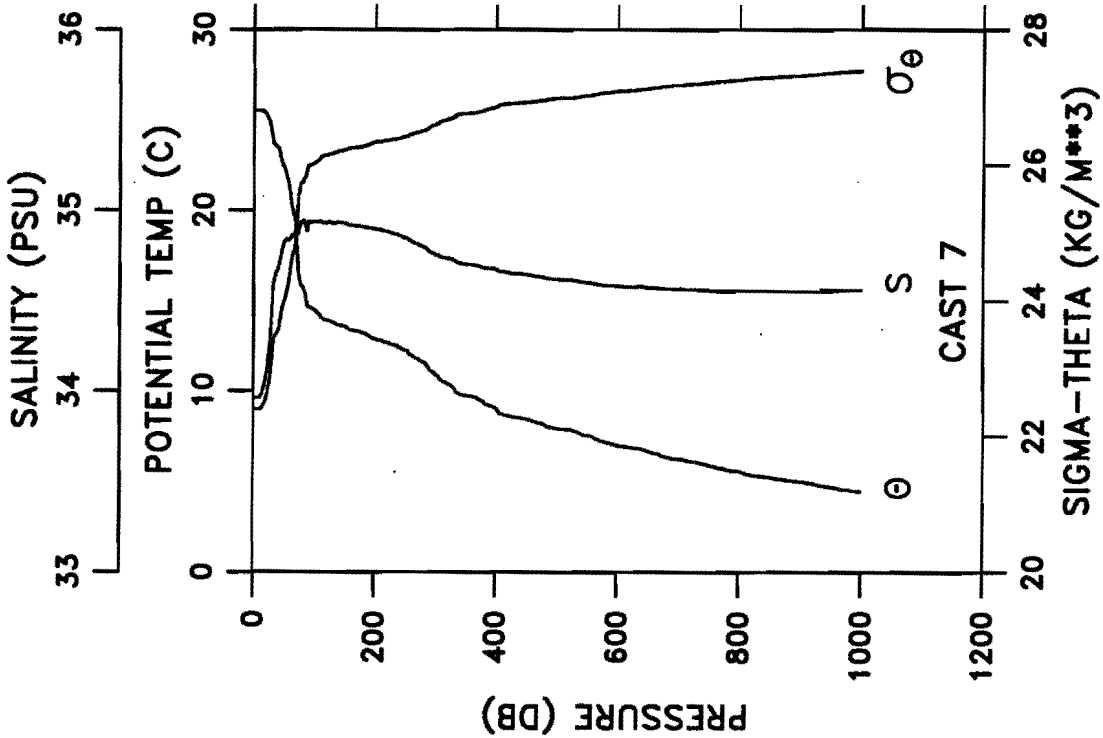


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.652	34.013	22.398	0.000
10	25.642	34.024	22.410	0.054
20	25.542	34.053	22.462	0.108
30	25.350	34.123	22.574	0.161
40	24.936	34.366	22.883	0.213
50	24.558	34.302	22.949	0.263
60	24.396	34.354	23.037	0.312
70	24.169	34.437	23.167	0.360
80	24.139	34.559	23.268	0.406
90	23.817	34.745	23.504	0.451
100	21.898	34.878	24.156	0.493
110	21.033	34.872	24.369	0.530
120	18.318	34.918	25.131	0.582
130	15.995	34.962	25.720	0.587
140	15.625	34.943	25.780	0.610
150	14.860	34.942	25.959	0.631
160	14.479	34.951	26.048	0.651
170	14.189	34.847	26.104	0.671
180	14.136	34.953	26.123	0.691
190	13.862	34.923	26.157	0.710
200	13.754	34.928	26.182	0.729
250	13.093	34.903	26.300	0.820
300	12.429	34.860	26.398	0.907
350	11.725	34.804	26.489	0.990
400	10.725	34.748	26.630	1.088
450	9.749	34.693	26.755	1.140
500	9.018	34.667	26.855	1.207
550	8.174	34.630	26.957	1.269
600	7.563	34.607	27.030	1.327
650	7.000	34.588	27.094	1.382
700	6.458	34.570	27.154	1.434
750	6.014	34.564	27.207	1.483
800	5.623	34.557	27.250	1.530
900	5.050	34.562	27.322	1.618
1000	4.483	34.565	27.369	1.700
1001	4.481	34.565	27.369	1.701

CAST GP5-95-D1 -006 DATE 10 AUG 95 TIME 0450 GMT
 LAT 02 59.9N LONG 110 00.3W WEATHER 1 SEA STATE 4
 BAROMETER 14 WIND DIR 150 T SPD 13 KT VISIBILITY 8
 CLOUD 6 AMOUNT 3 DRY 25.1 WET 21.0 DEPTH 3890 M

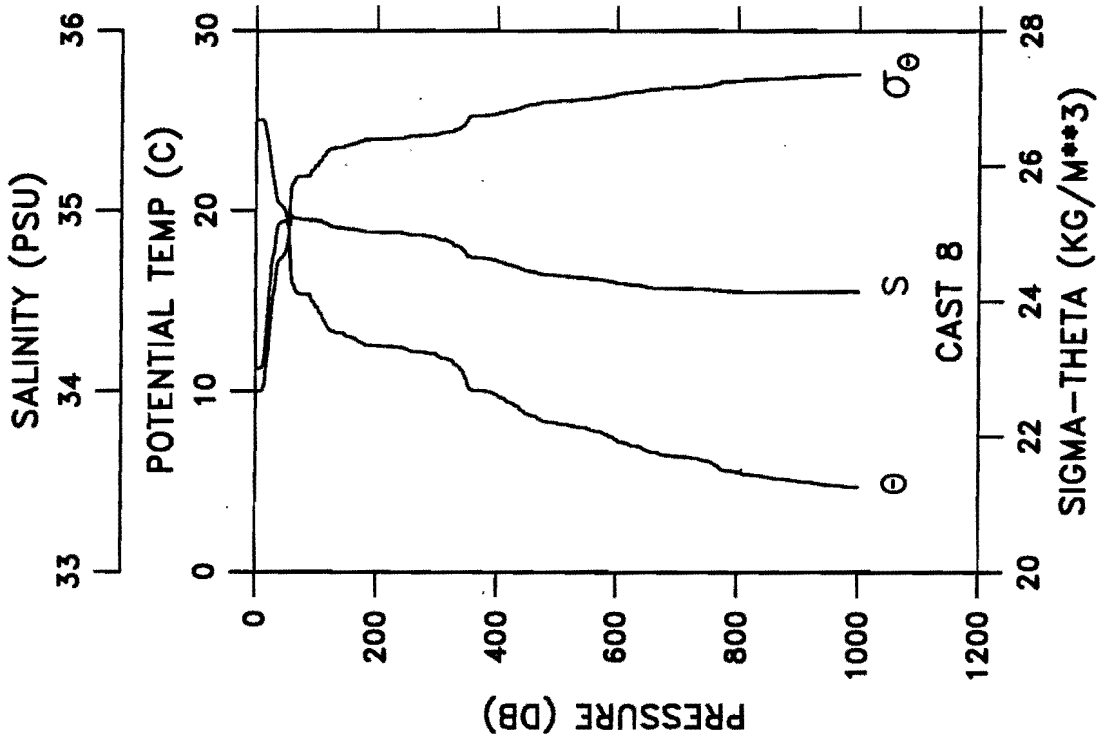


CAST GP5-95-DI -007 DATE 10 AUG 95 TIME 1028 GMT
 LAT 02 06.8N LONG 110 18.1W WEATHER 2 SEA STATE 3
 BAROMETER 13 WIND DIR 145 T SPD 14 KT VISIBILITY 8
 CLOUD 8 AMOUNT 6 DRY 24.0 WET 20.5 DEPTH 3814 M



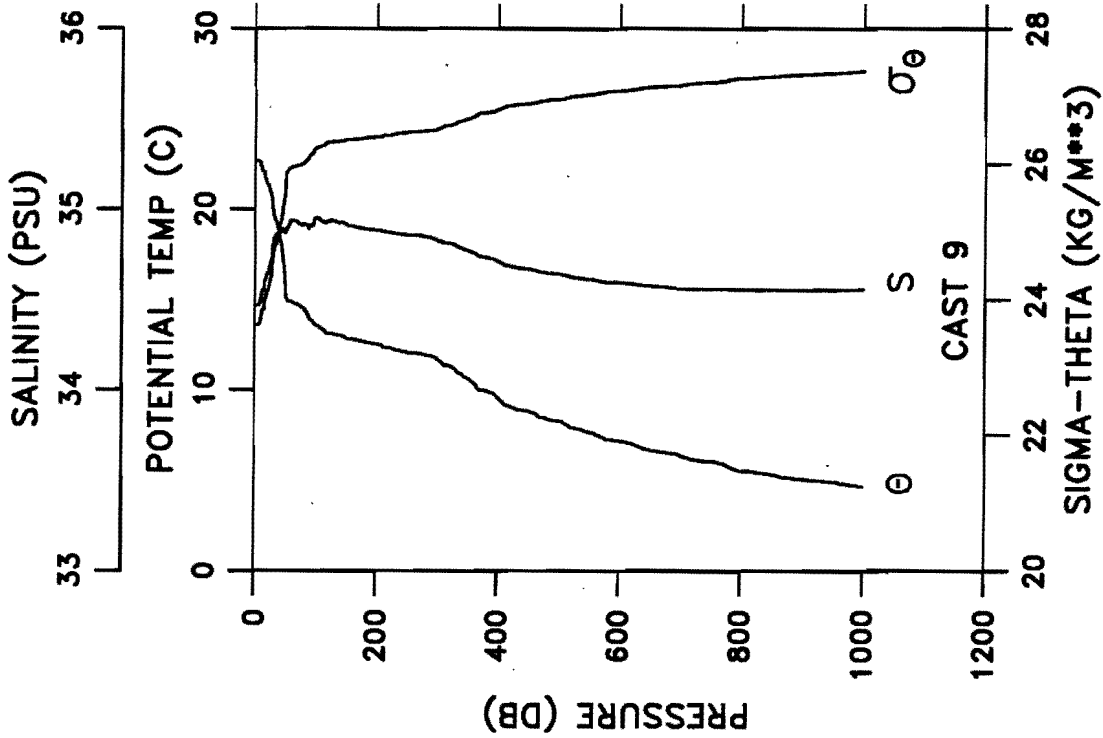
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.525	33.985	22.401	0.000
10	25.521	33.984	22.402	0.054
20	25.321	34.073	22.545	0.108
30	24.215	34.424	23.143	0.159
40	23.472	34.670	23.549	0.203
50	22.337	34.826	23.983	0.244
60	20.887	34.842	24.460	0.282
70	18.226	34.878	25.125	0.314
80	15.792	34.932	25.743	0.338
90	14.674	34.937	25.998	0.360
100	14.474	34.935	26.037	0.380
110	14.106	34.937	26.117	0.400
120	13.923	34.931	26.151	0.419
130	13.789	34.930	26.176	0.437
140	13.643	34.932	26.209	0.456
150	13.571	34.927	26.221	0.474
160	13.371	34.916	26.253	0.482
170	13.314	34.913	26.262	0.510
180	13.218	34.908	26.278	0.528
190	13.062	34.901	26.304	0.548
200	12.874	34.895	26.338	0.564
250	12.249	34.846	26.422	0.649
300	10.928	34.752	26.596	0.728
350	9.751	34.701	26.761	0.799
400	9.040	34.671	26.854	0.865
450	8.473	34.648	26.924	0.927
500	7.938	34.619	26.984	0.986
550	7.566	34.601	27.025	1.043
600	6.991	34.590	27.089	1.097
650	6.663	34.574	27.129	1.150
700	6.244	34.565	27.178	1.200
750	5.887	34.557	27.217	1.248
800	5.585	34.553	27.254	1.295
900	4.982	34.551	27.321	1.383
1000	4.447	34.561	27.369	1.465
1500	3.022	34.604	27.567	1.812
2000	2.192	34.640	27.668	2.093
2500	1.821	34.669	27.735	2.339
3000	1.476	34.675	27.751	2.568
3500	1.231	34.688	27.779	2.793
3806	1.191	34.689	27.782	2.839

CAST GP5-95-DI -008 DATE 11 AUG 95 TIME 1013 GMT
 LAT 00 59.6N LONG 110 00.4W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 120 T SPD 17 KT VISIBILITY 8
 CLOUD 9 AMOUNT 6 DRY 23.0 WET 20.0 DEPTH 3822 M



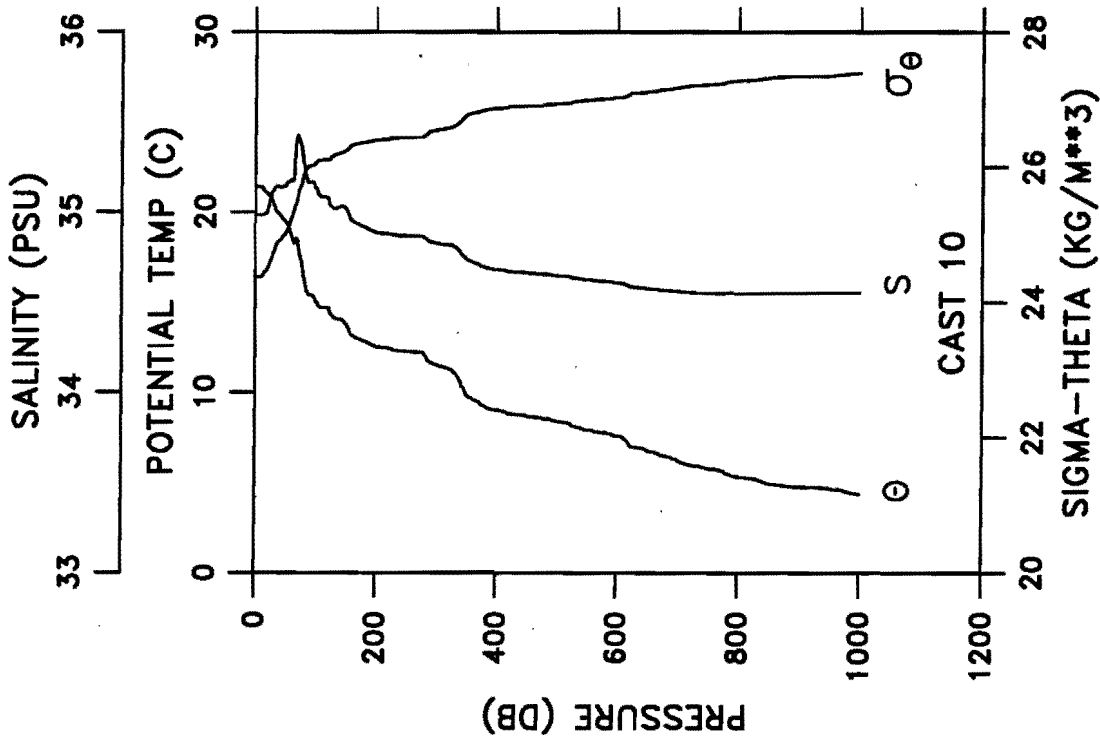
PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-D (DYN-M)
0	25.050	34.126	22.667	0.000
10	25.037	34.132	22.676	0.052
20	23.881	34.447	23.260	0.101
30	21.629	34.764	24.143	0.143
40	20.353	34.930	24.616	0.178
50	19.886	34.942	24.749	0.210
60	15.986	34.964	25.724	0.238
70	15.418	34.958	25.846	0.260
80	15.379	34.952	25.851	0.282
90	15.226	34.943	25.879	0.304
100	14.669	34.947	26.004	0.324
110	14.026	34.937	26.133	0.344
120	13.490	34.924	26.235	0.363
130	13.281	34.908	26.286	0.380
140	13.217	34.905	26.276	0.398
150	13.051	34.901	26.307	0.416
160	12.961	34.897	26.322	0.433
170	12.758	34.892	26.358	0.451
180	12.593	34.886	26.386	0.468
190	12.543	34.882	26.393	0.484
200	12.522	34.882	26.397	0.501
250	12.329	34.872	26.427	0.585
300	12.028	34.849	26.467	0.667
350	10.497	34.747	26.689	0.746
400	9.805	34.724	26.770	0.815
450	8.763	34.668	26.896	0.860
500	8.254	34.642	26.955	0.940
550	7.970	34.628	26.986	0.999
600	7.334	34.602	27.058	1.055
650	6.736	34.579	27.124	1.108
700	6.411	34.571	27.161	1.159
750	6.165	34.568	27.190	1.209
800	5.546	34.556	27.258	1.256
900	5.056	34.554	27.315	1.344
1000	4.716	34.555	27.355	1.428
1004	4.709	34.555	27.355	1.432

CAST GP5-95-D1 -009 DATE 12 AUG 95 TIME 1024 GMT
 LAT 00 03.5N LONG 109 59.6W WEATHER 2 SEA STATE 3
 BAROMETER 14 WIND DIR 125 T SPD 15 KT VISIBILITY 8
 CLOUD 6 AMOUNT 6 DRY 22.5 WET 20.5 DEPTH 3824 M



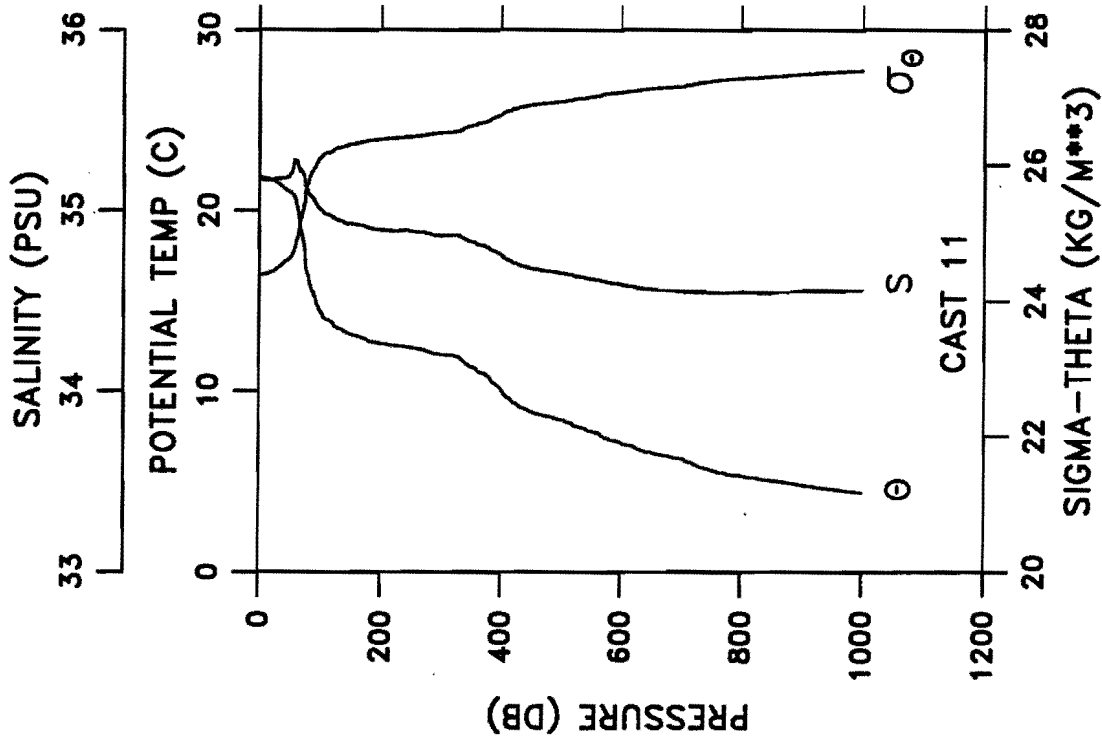
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.694	34.471	23.621	0.000
10	22.390	34.509	23.739	0.042
20	21.418	34.644	24.111	0.062
30	19.917	34.809	24.639	0.119
40	18.500	34.863	25.044	0.150
50	15.714	34.867	25.711	0.176
60	14.880	34.939	25.952	0.197
70	14.725	34.927	25.977	0.216
80	14.510	34.918	26.016	0.238
90	13.913	34.913	26.139	0.258
100	13.592	34.951	26.235	0.276
110	13.374	34.933	26.266	0.294
120	13.109	34.933	26.320	0.312
130	13.064	34.934	26.330	0.329
140	12.999	34.924	26.335	0.346
150	12.844	34.913	26.358	0.363
160	12.802	34.907	26.361	0.380
170	12.727	34.897	26.368	0.397
180	12.646	34.891	26.380	0.414
190	12.569	34.886	26.391	0.431
200	12.522	34.883	26.398	0.448
250	12.051	34.857	26.469	0.530
300	11.689	34.825	26.513	0.611
350	10.638	34.772	26.664	0.687
400	9.544	34.712	26.804	0.756
450	8.840	34.670	26.886	0.819
500	8.288	34.642	26.950	0.890
550	7.647	34.612	27.021	0.938
600	7.171	34.595	27.076	0.993
650	6.692	34.579	27.129	1.045
700	6.383	34.583	27.158	1.096
750	6.039	34.559	27.199	1.145
800	5.521	34.556	27.262	1.192
900	5.052	34.553	27.315	1.281
1000	4.638	34.558	27.366	1.365
1500	2.907	34.607	27.580	1.715
2000	2.060	34.648	27.685	1.990
2500	1.700	34.665	27.727	2.234
3000	1.475	34.677	27.753	2.464
3500	1.227	34.691	27.782	2.687
3804	1.192	34.692	27.785	2.731

CAST GP5-95-D1 -010 DATE 13 AUG 95 TIME 0339 GMT
 LAT 01 00.0S LONG 110 00.0W WEATHER 2 SEA STATE 3
 BAROMETER 14 WIND DIR 110 T SPD 09 KT VISIBILITY 8
 CLOUD 7 AMOUNT 8 DRY 22.3 WET 20.1 DEPTH 0984 M



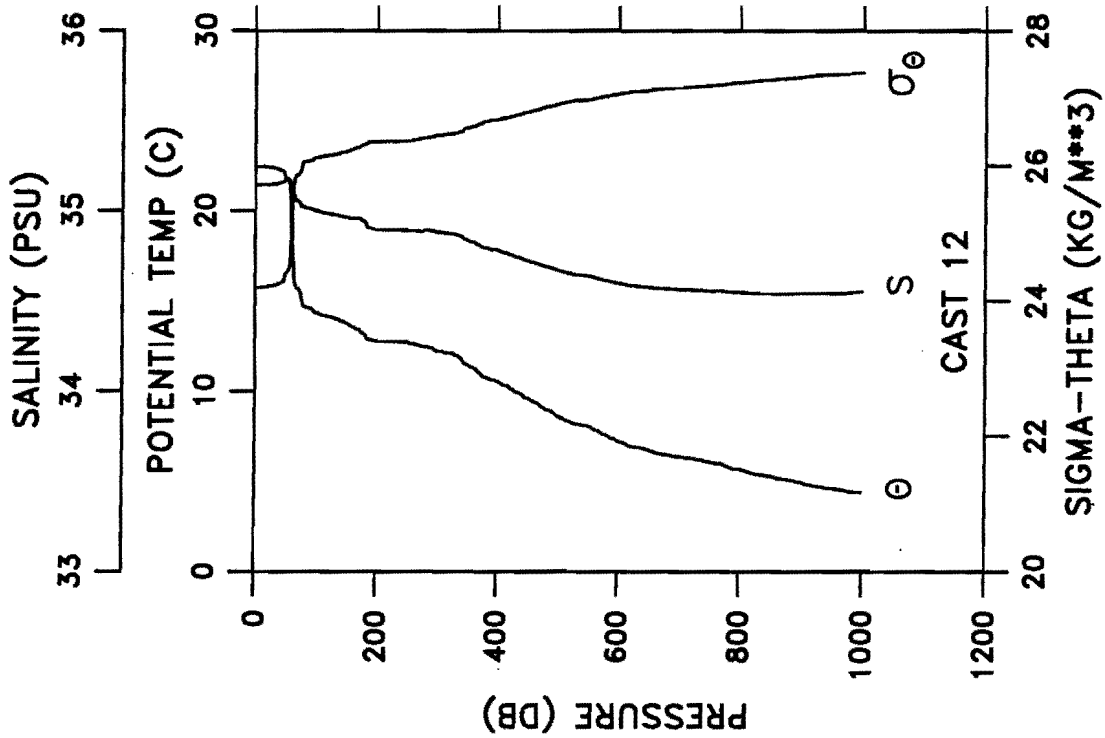
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.424	34.986	24.369	0.000
10	21.374	34.984	24.381	0.038
20	21.014	35.008	24.488	0.070
30	20.487	35.120	24.725	0.104
40	19.875	35.139	24.902	0.135
50	19.439	35.148	25.023	0.165
60	18.633	35.174	25.249	0.193
70	18.263	35.425	25.533	0.219
80	18.261	35.264	25.891	0.242
90	15.387	35.165	26.014	0.263
100	15.016	35.128	26.068	0.283
110	14.699	35.082	26.102	0.302
120	14.679	35.080	26.104	0.322
130	14.138	35.020	26.174	0.341
140	14.033	35.028	26.203	0.359
150	13.769	35.017	26.250	0.377
160	13.152	34.952	26.326	0.395
170	12.981	34.932	26.345	0.412
180	12.830	34.915	26.362	0.430
190	12.678	34.899	26.379	0.446
200	12.519	34.884	26.399	0.463
250	12.257	34.867	26.437	0.546
300	11.537	34.827	26.543	0.628
350	9.890	34.739	26.768	0.702
400	9.024	34.681	26.865	0.767
450	8.728	34.664	26.898	0.829
500	8.413	34.648	26.935	0.890
550	7.933	34.625	26.990	0.950
600	7.598	34.609	27.026	1.007
650	6.782	34.577	27.116	1.061
700	6.214	34.580	27.178	1.112
750	5.792	34.551	27.225	1.160
800	5.326	34.548	27.279	1.206
900	4.780	34.552	27.345	1.291
1000	4.375	34.557	27.384	1.373
1004	4.371	34.557	27.394	1.376

CAST GP5-95-DI -011 DATE 13 AUG 95 TIME 0914 GMT
 LAT 01 56.7S LONG 109 59.3W WEATHER 5 SEA STATE 4
 BAROMETER 14 WIND DIR 125 T SPD 17 KT VISIBILITY 7
 CLOUD 7 AMOUNT 8 DRY 22.2 WET 20.8 DEPTH 3920 M



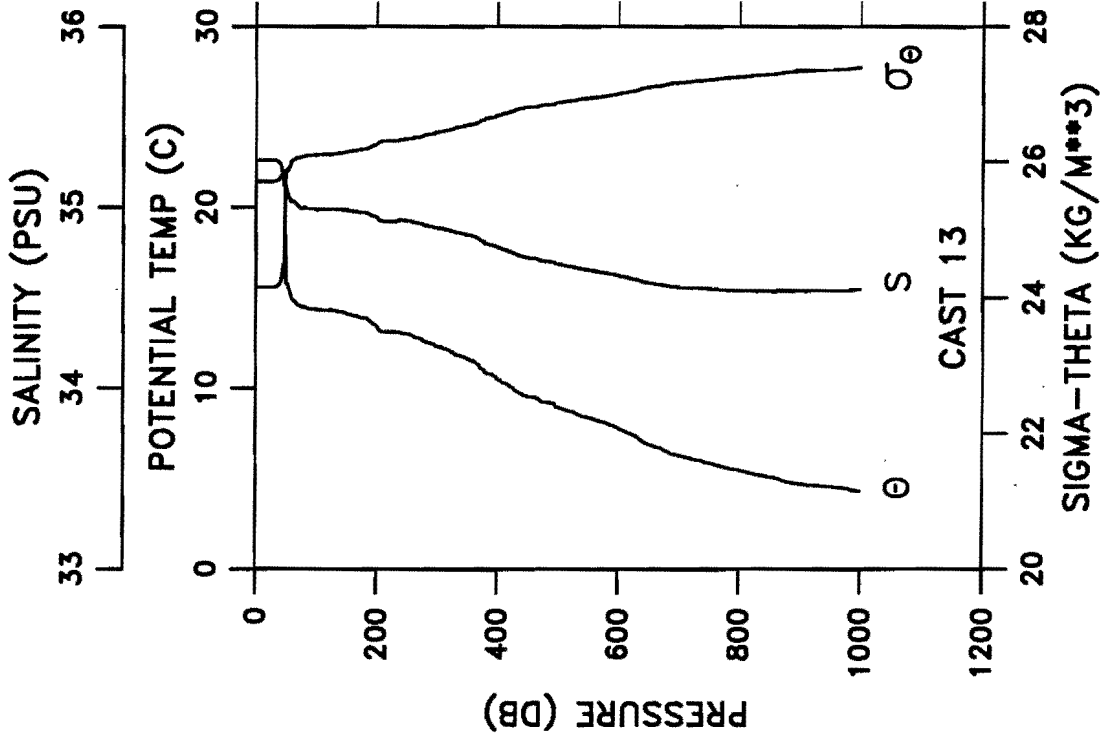
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.845	35.171	24.393	0.000
10	21.820	35.170	24.399	0.035
20	21.692	35.174	24.437	0.070
30	21.487	35.177	24.493	0.105
40	21.244	35.179	24.565	0.139
50	21.025	35.200	24.641	0.173
60	20.377	35.272	24.671	0.205
70	18.530	35.212	25.303	0.234
80	18.410	35.088	25.730	0.258
90	15.267	35.055	25.957	0.280
100	14.411	35.008	26.107	0.300
110	13.943	34.979	26.183	0.319
120	13.779	34.959	26.202	0.337
130	13.443	34.945	26.261	0.355
140	13.272	34.931	26.285	0.373
150	13.129	34.927	26.311	0.390
160	13.032	34.922	26.326	0.408
170	12.928	34.915	26.342	0.425
180	12.744	34.902	26.369	0.442
190	12.692	34.896	26.374	0.459
200	12.620	34.892	26.385	0.476
250	12.405	34.883	26.421	0.560
300	12.015	34.860	26.478	0.642
350	11.335	34.828	26.581	0.722
400	10.127	34.758	26.742	0.795
450	8.866	34.681	26.890	0.860
500	8.430	34.656	26.939	0.921
550	7.785	34.622	27.009	0.980
600	7.146	34.593	27.078	1.035
650	6.627	34.569	27.130	1.088
700	6.287	34.557	27.166	1.138
750	5.637	34.549	27.242	1.186
800	5.312	34.550	27.282	1.231
900	4.820	34.555	27.343	1.317
1000	4.363	34.561	27.399	1.397
1500	2.955	34.604	27.573	1.739
2000	2.078	34.649	27.684	2.021
2500	1.663	34.666	27.729	2.263
3000	1.395	34.679	27.760	2.492
3500	1.189	34.692	27.785	2.711
3707	1.161	34.693	27.788	2.800

CAST GPS-95-DI -012 DATE 14 AUG 95 TIME 0455 GMT
 LAT 03 00.0S LONG 110 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 16 WIND DIR 120 T SPD 10 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 23.0 WET 21.5 DEPTH 0994 M



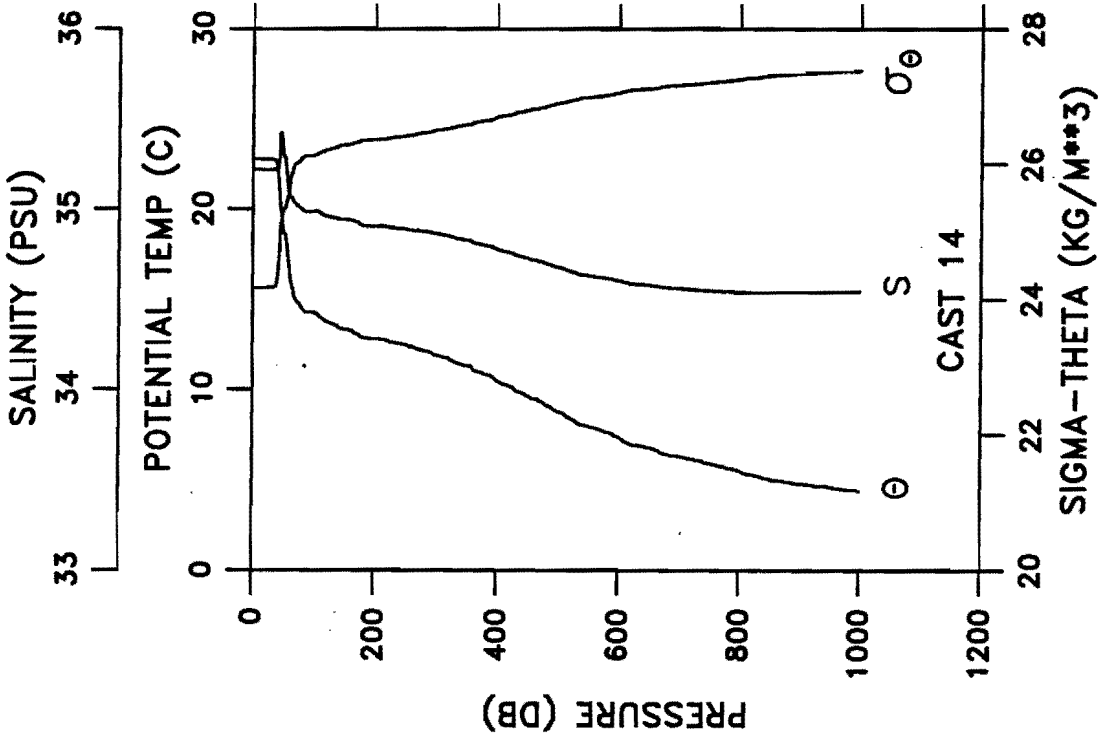
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.465	35.145	24.198	0.000
10	22.453	35.144	24.201	0.037
20	22.434	35.144	24.206	0.074
30	22.376	35.147	24.225	0.111
40	22.277	35.155	24.259	0.148
50	21.805	35.179	24.409	0.184
60	19.133	35.132	25.089	0.218
70	15.691	35.055	25.861	0.241
80	14.882	35.023	26.060	0.262
90	14.578	35.012	26.074	0.282
100	14.318	35.000	26.120	0.301
110	14.198	34.980	26.139	0.320
120	14.114	34.984	26.152	0.339
130	14.030	34.978	26.164	0.358
140	13.871	34.971	26.192	0.377
150	13.754	34.965	26.212	0.395
160	13.576	34.958	26.244	0.413
170	13.443	34.958	26.271	0.431
180	13.125	34.939	26.321	0.449
190	12.848	34.904	26.348	0.466
200	12.786	34.897	26.356	0.483
250	12.696	34.891	26.370	0.569
300	12.223	34.882	26.455	0.653
350	11.490	34.839	26.560	0.735
400	10.566	34.782	26.684	0.809
450	9.638	34.725	26.799	0.879
500	8.657	34.672	26.916	0.943
550	8.081	34.640	26.979	1.003
600	7.230	34.597	27.069	1.059
650	6.753	34.577	27.120	1.112
700	6.373	34.584	27.160	1.163
750	6.092	34.556	27.190	1.212
800	5.691	34.548	27.234	1.260
900	4.984	34.544	27.316	1.350
1000	4.413	34.552	27.386	1.432
1003	4.411	34.551	27.385	1.434

CAST GP5-95-DI --013 DATE 14 AUG 95 TIME 1014 GMT
 LAT 03 59.9S LONG 110 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 115 T SPD 14 KT VISIBILITY 8
 CLOUD 9 AMOUNT 1 DRY 23.0 WET 21.0 DEPTH 3782 M



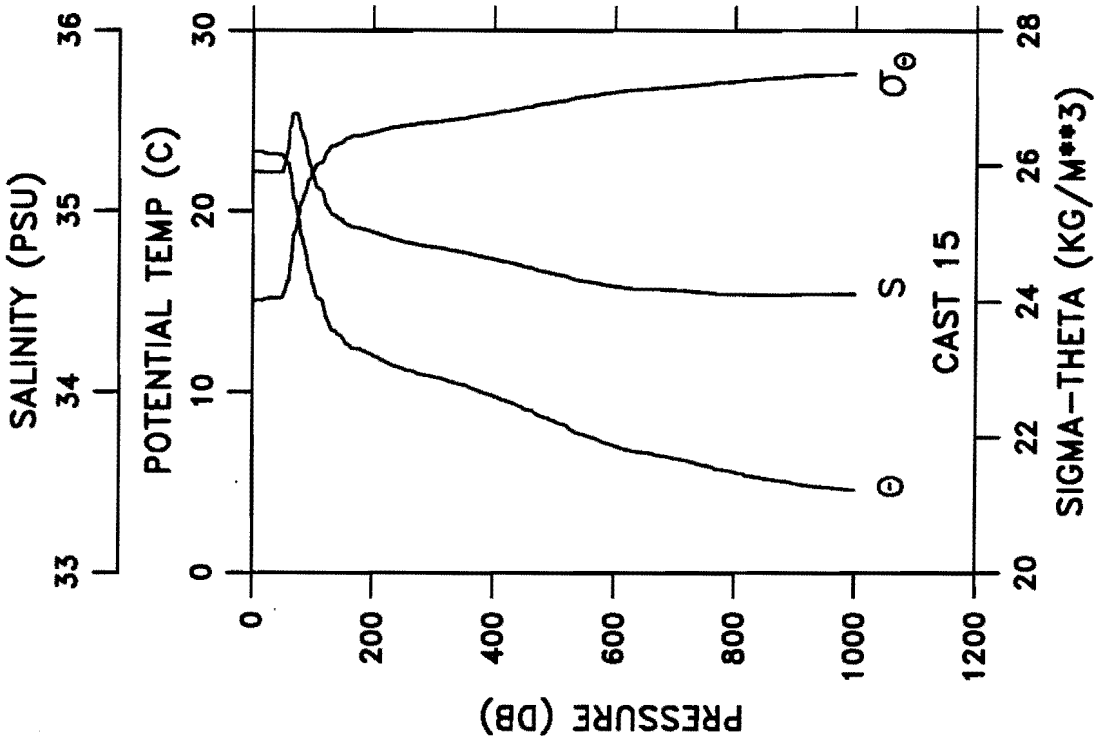
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.603	35.143	24.158	0.000
10	22.604	35.143	24.157	0.038
20	22.603	35.143	24.157	0.075
30	22.600	35.144	24.159	0.113
40	22.433	35.163	24.221	0.150
50	15.781	35.113	25.885	0.183
60	14.939	35.040	26.017	0.204
70	14.585	35.007	26.066	0.224
80	14.506	35.001	26.081	0.243
90	14.380	34.993	26.102	0.263
100	14.351	34.989	26.105	0.282
110	14.314	34.987	26.111	0.301
120	14.314	34.989	26.113	0.321
130	14.287	34.980	26.120	0.340
140	14.215	34.987	26.133	0.359
150	14.115	34.983	26.150	0.378
160	14.028	34.978	26.165	0.397
170	13.920	34.973	26.184	0.416
180	13.870	34.970	26.182	0.435
190	13.857	34.956	26.229	0.453
200	13.395	34.943	26.270	0.471
250	12.980	34.926	26.340	0.559
300	12.305	34.885	26.442	0.645
350	11.603	34.848	26.547	0.726
400	10.529	34.782	26.690	0.801
450	9.557	34.723	26.811	0.870
500	8.986	34.688	26.879	0.935
550	8.392	34.656	26.844	0.997
600	7.803	34.625	27.009	1.056
650	6.879	34.584	27.108	1.111
700	6.288	34.580	27.171	1.162
750	5.854	34.550	27.216	1.211
800	5.459	34.543	27.259	1.257
800	4.894	34.539	27.345	1.344
1000	4.281	34.547	27.396	1.425
1002	4.284	34.546	27.395	1.426

CAST GP5-95-DI -014 DATE 14 AUG 95 TIME 1734 GMT
 LAT 05 01.2S LONG 109 58.8W WEATHER 2 SEA STATE 4
 BAROMETER 16 WIND DIR 100 T SPD 15 KT VISIBILITY 8
 CLOUD 7 AMOUNT 8 DRY 24.5 WET 21.1 DEPTH 3488 M



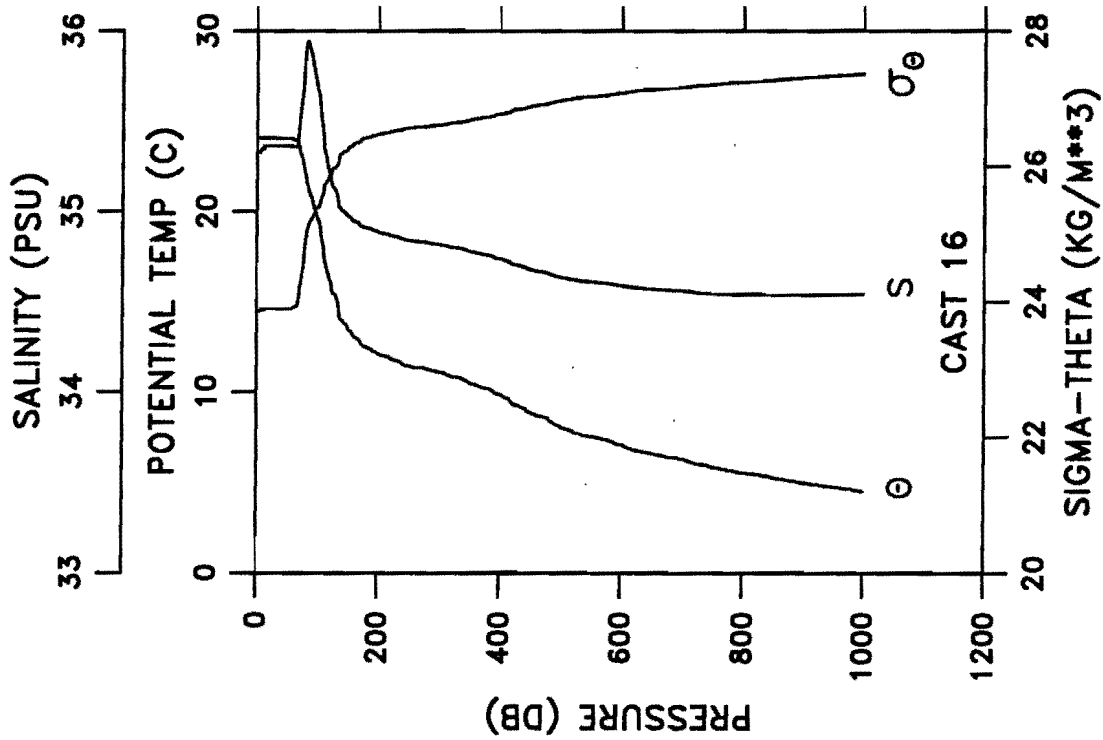
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.779	35.219	24.185	0.000
10	22.773	35.217	24.165	0.037
20	22.753	35.217	24.171	0.075
30	22.751	35.217	24.172	0.112
40	22.403	35.221	24.274	0.150
50	18.896	35.322	25.285	0.181
60	16.897	35.088	25.607	0.207
70	15.006	35.030	25.995	0.228
80	14.553	35.002	26.071	0.248
90	14.270	34.984	26.118	0.267
100	14.261	34.986	26.121	0.287
110	14.031	34.981	26.166	0.306
120	13.781	34.981	26.204	0.324
130	13.643	34.955	26.227	0.342
140	13.449	34.944	26.259	0.361
150	13.343	34.943	26.280	0.378
160	13.262	34.939	26.293	0.396
170	13.086	34.929	26.321	0.414
180	12.877	34.910	26.349	0.431
190	12.826	34.906	26.355	0.448
200	12.800	34.904	26.359	0.465
250	12.475	34.890	26.412	0.550
300	11.901	34.864	26.503	0.632
350	11.303	34.828	26.587	0.710
400	10.482	34.778	26.689	0.784
450	9.657	34.729	26.798	0.854
500	8.780	34.678	26.901	0.919
550	7.985	34.633	26.988	0.979
600	7.362	34.604	27.056	1.035
650	6.786	34.580	27.117	1.088
700	6.283	34.561	27.169	1.139
750	5.901	34.549	27.209	1.188
800	5.494	34.541	27.253	1.235
850	4.778	34.540	27.336	1.321
900	4.352	34.545	27.387	1.403
1000	2.847	34.603	27.582	1.745
1500	2.086	34.646	27.681	2.019
2000	1.735	34.662	27.722	2.267
2500	1.474	34.677	27.753	2.489
3000	1.328	34.684	27.769	2.637

CAST GPS-95-DI -015 DATE 14 AUG 95 TIME 2309 GMT
 LAT 05 59.9S LONG 110 00.0W WEATHER 1 SEA STATE 5
 BAROMETER 12 WIND DIR 115 T SPD 20 KT VISIBILITY 8
 CLOUD 9 AMOUNT 2 DRY 25.0 WET 21.0 DEPTH 3728 M



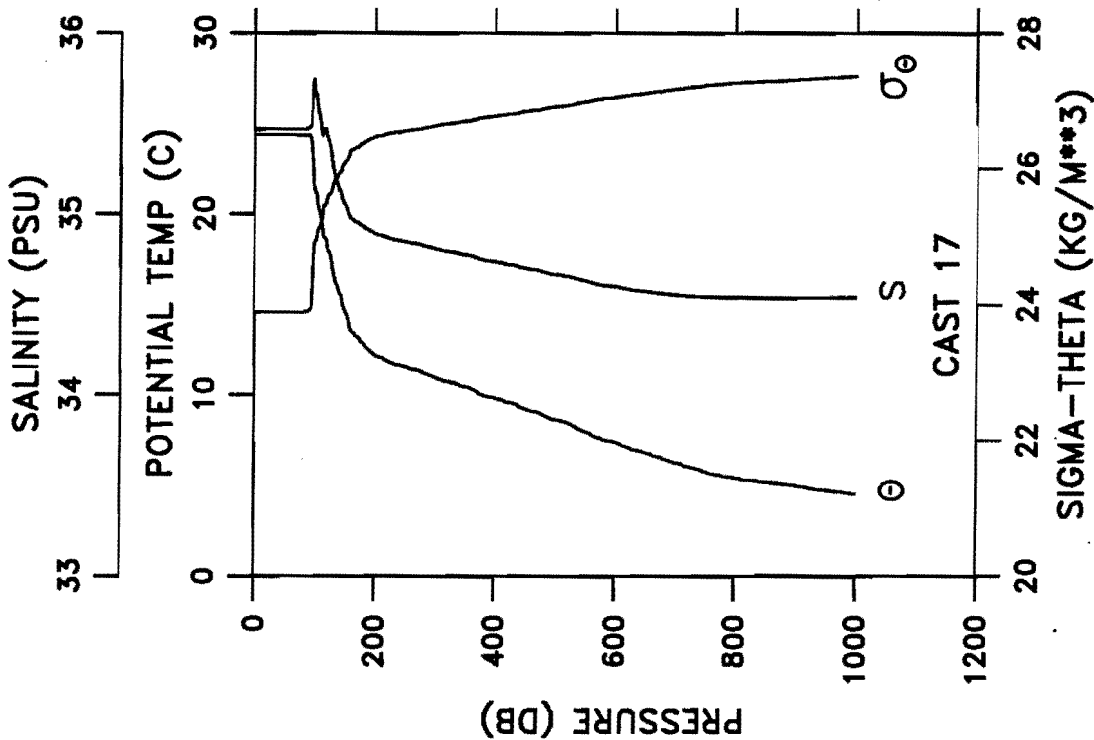
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.287	35.220	24.019	0.000
10	23.285	35.216	24.017	0.039
20	23.210	35.214	24.037	0.078
30	23.154	35.214	24.053	0.116
40	23.140	35.213	24.057	0.155
50	23.058	35.218	24.084	0.194
60	22.608	35.365	24.325	0.231
70	20.559	35.538	25.024	0.263
80	18.659	35.444	25.449	0.291
90	17.233	35.309	25.696	0.315
100	15.937	35.198	25.915	0.337
110	15.157	35.122	26.032	0.358
120	14.351	35.049	26.151	0.377
130	13.484	34.987	26.285	0.396
140	13.216	34.962	26.320	0.413
150	12.933	34.943	26.363	0.430
160	12.591	34.921	26.414	0.447
170	12.397	34.909	26.442	0.463
180	12.353	34.904	26.447	0.480
190	12.178	34.895	26.474	0.496
200	12.028	34.885	26.495	0.512
250	11.297	34.832	26.591	0.598
300	10.856	34.802	26.648	0.662
350	10.399	34.774	26.707	0.734
400	9.788	34.736	26.782	0.802
450	9.078	34.694	26.866	0.868
500	8.426	34.656	26.939	0.930
550	7.637	34.614	27.025	0.988
600	7.026	34.586	27.089	1.043
650	6.641	34.573	27.132	1.095
700	6.332	34.564	27.166	1.145
750	5.935	34.552	27.207	1.194
800	5.552	34.543	27.248	1.241
900	4.929	34.541	27.319	1.330
1000	4.585	34.544	27.361	1.413
1007	4.582	34.545	27.362	1.419

CAST GP5-95-DI -016 DATE 15 AUG 95 TIME 0405 GMT
 LAT 07 00.0S LONG 110 00.0W WEATHER 1 SEA STATE 4
 BAROMETER 15 WIND DIR 100 T SPD 21 KT VISIBILITY 8
 CLOUD 0 AMOUNT 3 DRY 24.1 WET 20.9 DEPTH 3489 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.090	35.330	23.866	0.000
10	24.072	35.353	23.889	0.040
20	24.073	35.365	23.898	0.080
30	24.073	35.365	23.898	0.120
40	24.084	35.364	23.899	0.161
50	24.057	35.363	23.901	0.201
60	24.001	35.361	23.916	0.241
70	23.515	35.478	24.148	0.280
80	22.093	35.890	24.862	0.315
90	20.793	35.868	25.213	0.344
100	19.599	35.678	25.386	0.371
110	17.816	35.399	25.624	0.397
120	16.227	35.216	25.862	0.419
130	15.351	35.118	25.986	0.440
140	13.998	35.006	26.193	0.459
150	13.532	34.974	26.265	0.478
160	13.079	34.945	26.335	0.495
170	12.820	34.926	26.372	0.512
180	12.482	34.910	26.425	0.529
190	12.281	34.897	26.456	0.545
200	12.111	34.885	26.479	0.561
250	11.446	34.840	26.570	0.639
300	11.111	34.817	26.614	0.715
350	10.548	34.779	26.685	0.788
400	9.858	34.738	26.772	0.857
450	8.884	34.679	26.886	0.922
500	8.082	34.636	26.976	0.983
550	7.561	34.612	27.034	1.040
600	7.092	34.591	27.084	1.094
650	6.618	34.572	27.134	1.147
700	6.284	34.561	27.170	1.197
750	5.852	34.545	27.212	1.245
800	5.526	34.540	27.248	1.292
900	4.989	34.537	27.309	1.382
1000	4.522	34.542	27.366	1.466
1006	4.500	34.542	27.369	1.471

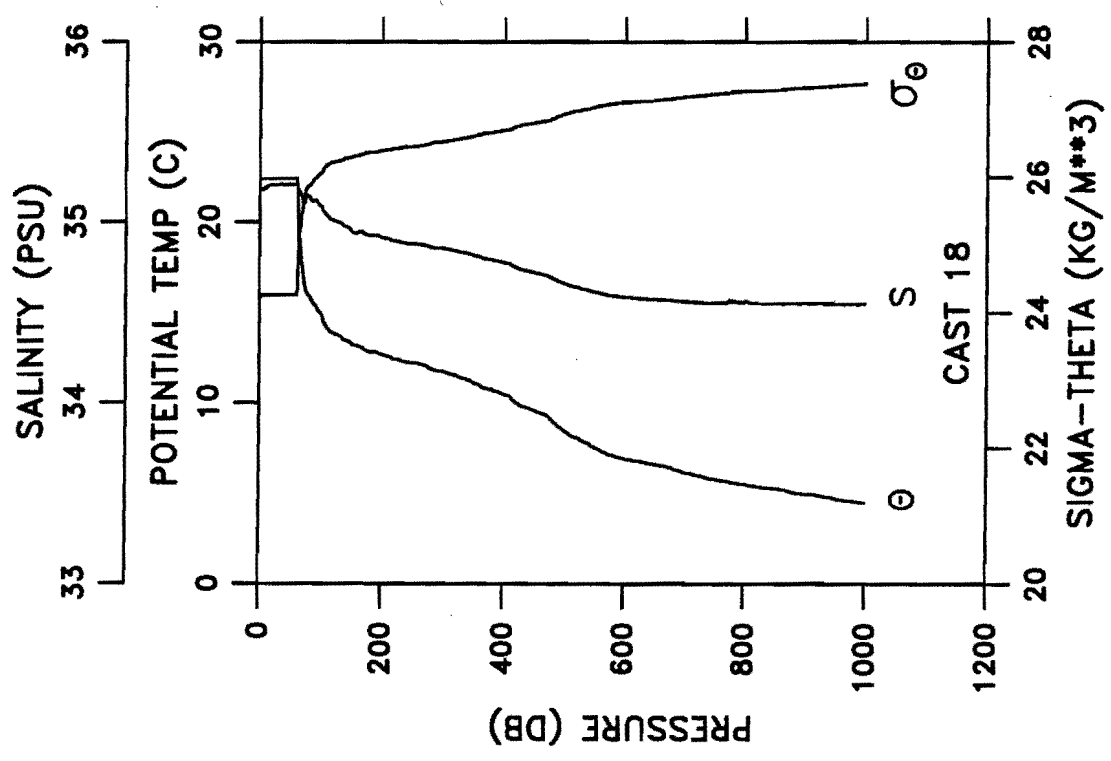
CAST GP5-95-DI -017 DATE 15 AUG 95 TIME 0952 GMT
 LAT 07 59.9S LONG 109 55.8W WEATHER 1 SEA STATE 6
 BAROMETER 14 WIND DIR 090 T SPD 17 KT VISIBILITY 8
 CLOUD 9 AMOUNT 1 DRY 25.5 WET 20.0 DEPTH 3398 M



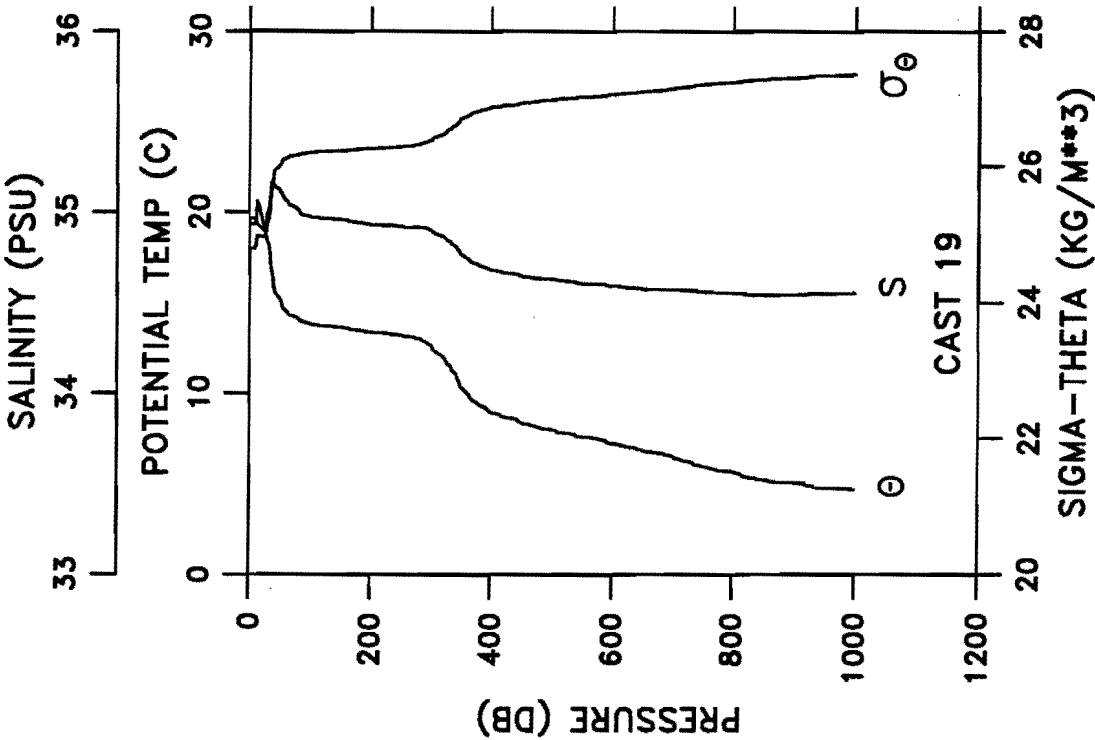
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.373	35.468	23.885	0.000
10	24.366	35.467	23.888	0.040
20	24.368	35.468	23.888	0.080
30	24.368	35.468	23.887	0.120
40	24.367	35.468	23.888	0.161
50	24.368	35.468	23.888	0.201
60	24.367	35.468	23.888	0.241
70	24.366	35.468	23.888	0.282
80	24.359	35.469	23.891	0.322
90	24.319	35.475	23.908	0.362
100	21.248	35.675	24.841	0.399
110	19.729	35.489	25.207	0.428
120	18.161	35.427	25.560	0.454
130	16.663	35.252	25.788	0.477
140	15.614	35.128	25.934	0.499
150	14.619	35.051	26.095	0.520
160	13.501	34.974	26.272	0.538
170	13.215	34.953	26.314	0.556
180	12.832	34.932	26.374	0.573
190	12.484	34.910	26.426	0.590
200	12.170	34.890	26.471	0.606
250	11.567	34.848	26.553	0.684
300	10.997	34.810	26.629	0.760
350	10.454	34.775	26.698	0.832
400	9.840	34.737	26.774	0.901
450	9.236	34.700	26.845	0.967
500	8.632	34.666	26.915	1.031
550	7.980	34.632	26.988	1.091
600	7.375	34.600	27.051	1.147
650	6.806	34.573	27.109	1.201
700	6.239	34.555	27.170	1.252
750	5.727	34.544	27.227	1.300
800	5.399	34.539	27.263	1.346
850	5.014	34.537	27.307	1.435
900	4.531	34.541	27.365	1.518
1000	2.904	34.594	27.570	1.872
1500	2.085	34.640	27.676	2.154
2000	1.885	34.665	27.728	2.398
2500	1.511	34.675	27.749	2.631
3000	1.402	34.680	27.761	2.725
3204				

CAST GPS-95-DI -018 DATE 18 AUG 95 TIME 0607 GMT
 LAT 04 55.7S LONG 085 11.4W WEATHER 2 SEA STATE 3
 BAROMETER 15 WIND DIR 130 T SPD 15 KT VISIBILITY 8
 CLOUD 7 AMOUNT 8 DRY 21.7 WET 19.6 DEPTH 3852 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.428	35.183	24.238	0.000
10	22.428	35.188	24.241	0.037
20	22.427	35.205	24.255	0.073
30	22.425	35.208	24.257	0.110
40	22.428	35.209	24.257	0.147
50	22.428	35.209	24.257	0.184
60	22.412	35.208	24.261	0.220
70	17.469	35.126	25.500	0.250
80	15.937	35.143	25.873	0.273
90	15.393	35.120	25.978	0.294
100	14.930	35.089	26.057	0.314
110	14.136	35.036	26.187	0.333
120	13.865	35.011	26.225	0.351
130	13.719	34.998	26.245	0.369
140	13.468	34.976	26.280	0.387
150	13.273	34.949	26.299	0.405
160	13.144	34.940	26.318	0.422
170	13.006	34.941	26.347	0.440
180	12.821	34.925	26.372	0.457
190	12.795	34.924	26.375	0.474
200	12.668	34.914	26.393	0.490
250	12.207	34.879	26.456	0.573
300	11.743	34.854	26.525	0.653
350	11.119	34.817	26.612	0.730
400	10.468	34.776	26.696	0.804
450	9.611	34.722	26.801	0.873
500	8.477	34.660	26.934	0.937
550	7.546	34.613	27.037	0.995
600	6.924	34.586	27.103	1.049
650	6.605	34.573	27.136	1.100
700	6.180	34.561	27.185	1.150
750	5.804	34.554	27.225	1.198
800	5.517	34.561	27.266	1.244
900	4.971	34.551	27.323	1.332
1000	4.469	34.550	27.378	1.415
1004	4.453	34.547	27.377	1.418



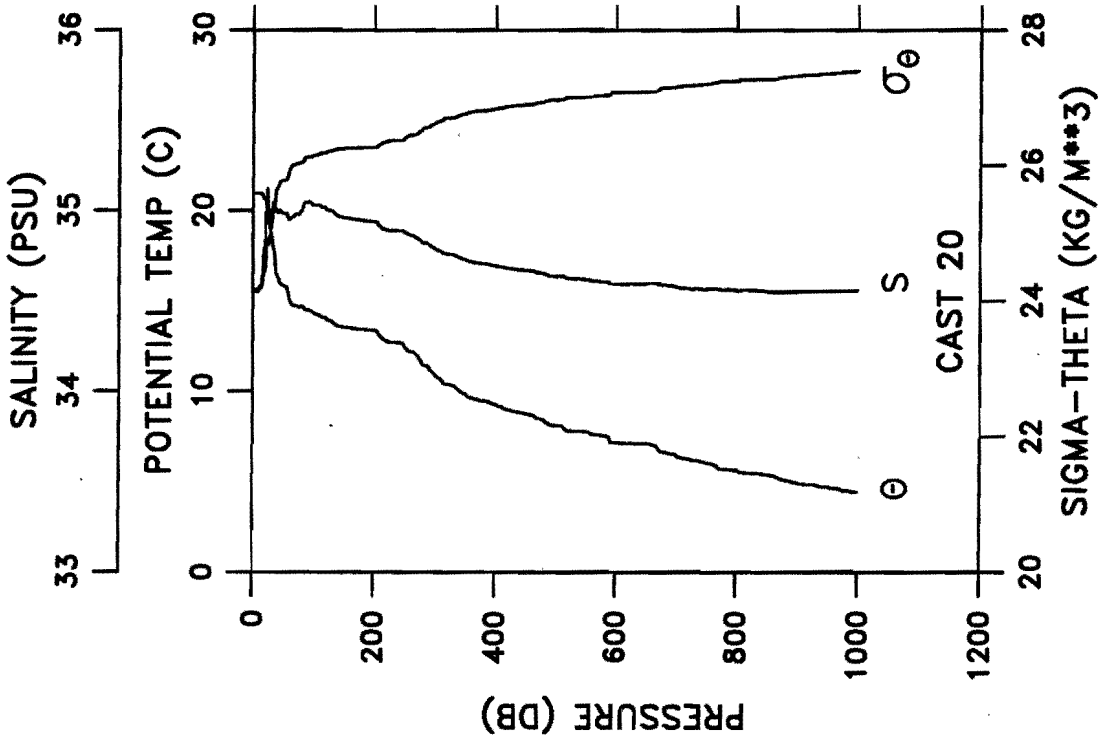
CAST GP5-85-DI -019 DATE 19 AUG 95 TIME 0402 GMT
 LAT 01 59.7S LONG 095 01.7W WEATHER 1 SEA STATE 3
 BAROMETER 15 WIND DIR 140 T SPD 08 KT VISIBILITY 8
 CLOUD 0 AMOUNT 1 DRY 20.0 WET 19.0 DEPTH 3362 M



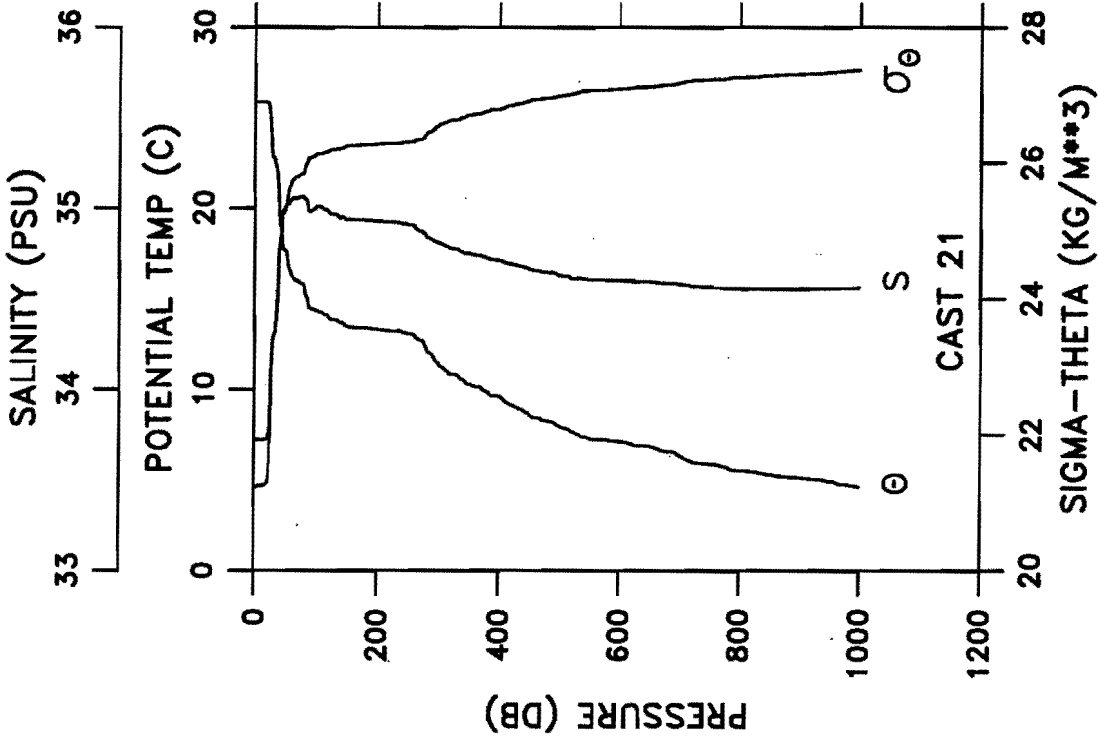
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.677	34.937	24.789	0.000
10	19.568	34.940	24.830	0.031
20	18.108	34.976	24.976	0.061
30	18.361	34.995	25.180	0.091
40	15.928	35.147	25.878	0.116
50	15.202	35.120	26.021	0.136
60	14.557	35.067	26.121	0.155
70	14.274	35.034	26.156	0.174
80	14.139	35.014	26.169	0.193
90	13.911	34.982	26.193	0.211
100	13.831	34.976	26.205	0.230
110	13.755	34.971	26.217	0.248
120	13.709	34.965	26.222	0.266
130	13.689	34.963	26.224	0.284
140	13.660	34.961	26.229	0.303
150	13.629	34.958	26.232	0.321
160	13.586	34.955	26.237	0.339
170	13.495	34.945	26.250	0.357
180	13.466	34.943	26.255	0.375
190	13.391	34.935	26.264	0.393
200	13.350	34.930	26.269	0.411
250	13.204	34.922	26.292	0.501
300	12.626	34.899	26.390	0.589
350	10.333	34.767	26.713	0.668
400	8.938	34.680	26.878	0.734
450	8.386	34.648	26.939	0.786
500	7.976	34.631	26.988	0.854
550	7.566	34.607	27.029	0.911
600	7.213	34.594	27.070	0.966
650	6.827	34.577	27.110	1.020
700	6.525	34.574	27.148	1.072
750	5.940	34.562	27.214	1.121
800	5.836	34.555	27.247	1.167
900	5.049	34.545	27.309	1.256
1000	4.647	34.554	27.362	1.340
1008	4.632	34.553	27.363	1.347

CAST GPS-95-DI -020 DATE 19 AUG 95 TIME 1250 GMT
 LAT 00 17.4S LONG 094 56.3W WEATHER 2 SEA STATE 3
 BAROMETER 13 WIND DIR 190 T SPD 13 KT VISIBILITY 8
 CLOUD 6 AMOUNT 8 DRY 20.5 WET 19.0 DEPTH 3158 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.954	34.553	24.167	0.000
10	20.954	34.570	24.181	0.037
20	20.595	34.804	24.456	0.074
30	18.699	34.976	25.080	0.105
40	16.334	34.990	25.664	0.131
50	15.613	34.985	25.779	0.153
60	15.010	34.952	25.934	0.175
70	14.712	34.979	26.019	0.195
80	14.678	35.001	26.044	0.215
90	14.466	35.044	26.123	0.235
100	14.293	35.029	26.148	0.254
110	14.159	35.027	26.175	0.272
120	14.044	35.013	26.188	0.291
130	13.853	34.998	26.217	0.309
140	13.609	34.969	26.246	0.328
150	13.550	34.961	26.251	0.346
160	13.505	34.955	26.256	0.364
170	13.460	34.950	26.261	0.382
180	13.426	34.946	26.265	0.400
190	13.399	34.942	26.268	0.418
200	13.373	34.938	26.270	0.436
250	12.469	34.879	26.405	0.522
300	10.950	34.790	26.621	0.602
350	9.873	34.729	26.762	0.672
400	9.272	34.693	26.834	0.738
450	8.761	34.667	26.896	0.801
500	8.119	34.634	26.969	0.861
550	7.761	34.616	27.008	0.919
600	7.150	34.592	27.077	0.974
650	7.110	34.595	27.085	1.028
700	6.458	34.577	27.159	1.080
750	6.038	34.584	27.204	1.129
800	5.644	34.557	27.247	1.176
900	4.943	34.547	27.323	1.265
1000	4.421	34.559	27.391	1.347
1003	4.406	34.561	27.394	1.349

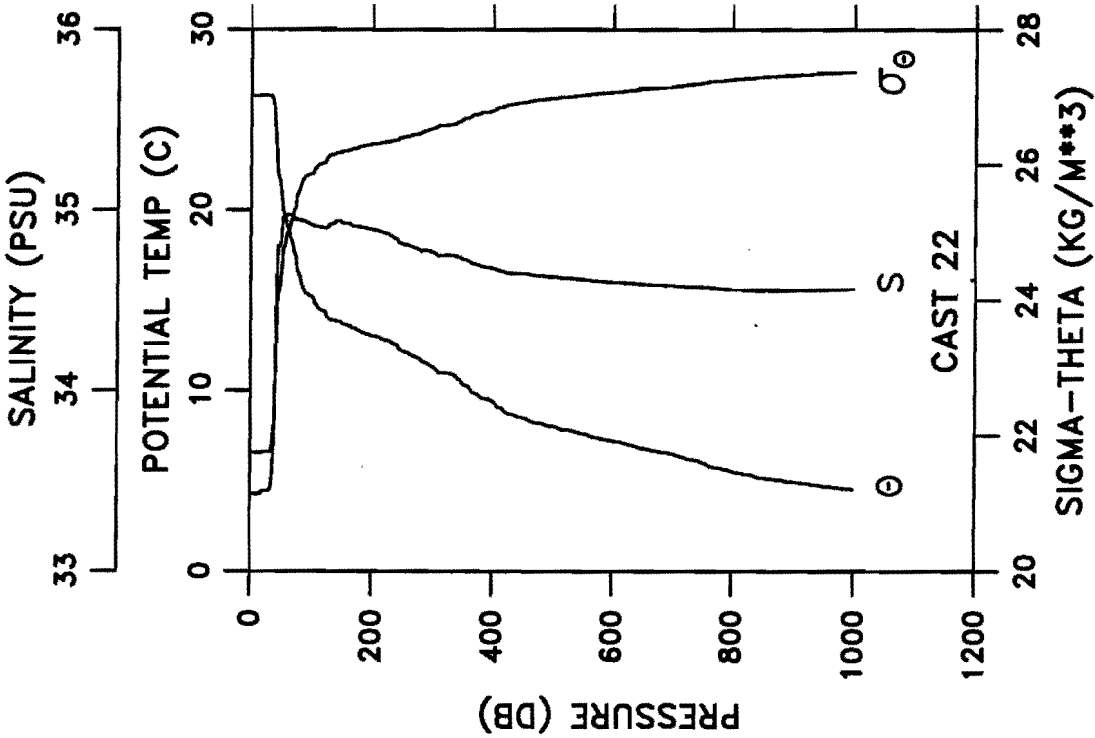


CAST GP5-95-DI -021 DATE 20 AUG 95 TIME 0818 GMT
 LAT 02 01.4N LONG 094 59.9W WEATHER 2 SEA STATE 2
 BAROMETER 12 WIND DIR 150 T SPD 08 KT VISIBILITY 8
 CLOUD 7 AMOUNT 8 DRY 23.7 WET 20.5 DEPTH 3036 M



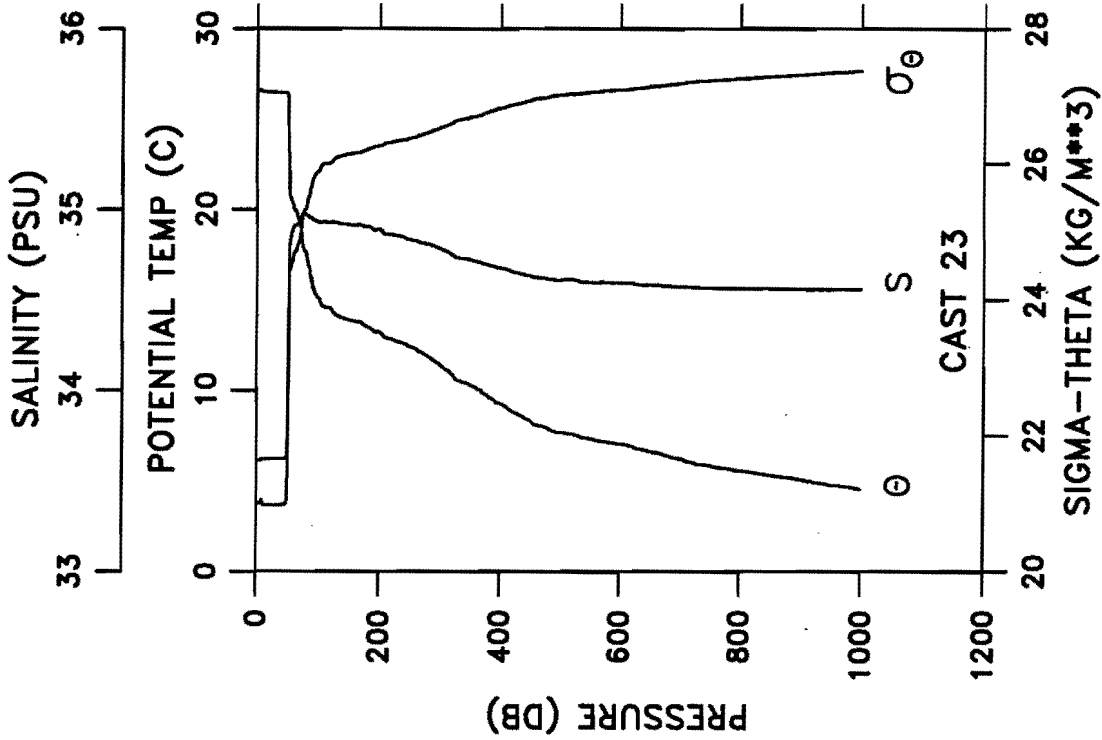
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.864	33.460	21.916	0.000
10	25.865	33.467	21.921	0.059
20	25.857	33.479	21.932	0.118
30	22.875	34.281	23.426	0.171
40	19.843	34.757	24.619	0.212
50	17.649	34.994	25.354	0.241
60	16.319	35.051	25.714	0.266
70	15.989	35.053	25.792	0.288
80	15.763	35.061	25.850	0.310
90	14.468	34.979	26.073	0.330
100	14.340	35.005	26.119	0.350
110	14.222	35.001	26.142	0.368
120	14.009	34.979	26.169	0.387
130	13.835	34.966	26.186	0.406
140	13.675	34.945	26.213	0.424
150	13.468	34.938	26.251	0.443
160	13.414	34.937	26.260	0.461
170	13.398	34.934	26.262	0.479
180	13.389	34.934	26.264	0.497
190	13.354	34.932	26.269	0.515
200	13.306	34.927	26.275	0.533
250	13.069	34.910	26.309	0.622
300	11.435	34.811	26.549	0.706
350	10.302	34.749	26.705	0.780
400	9.635	34.714	26.780	0.849
450	8.625	34.664	26.915	0.912
500	7.958	34.628	26.988	0.972
550	7.254	34.606	27.073	1.028
600	7.110	34.600	27.089	1.081
650	6.834	34.593	27.121	1.134
700	6.298	34.578	27.181	1.184
750	5.857	34.564	27.227	1.232
800	5.494	34.555	27.264	1.278
900	5.105	34.554	27.309	1.367
1000	4.591	34.560	27.373	1.451
1500	2.894	34.611	27.584	1.795
2000	2.091	34.842	27.677	2.070
2500	1.759	34.661	27.719	2.318
2802	1.617	34.868	27.735	2.461

CAST GP5-95-D1 -022 DATE 20 AUG 95 TIME 1323 GMT
 LAT 03 00.5N LONG 095 00.2W WEATHER 2 SEA STATE 2
 BAROMETER 13 WIND DIR 210 T SPD 12 KT VISIBILITY 8
 CLOUD 6 AMOUNT 8 DRY 24.5 WET 21.2 DEPTH 3083 M



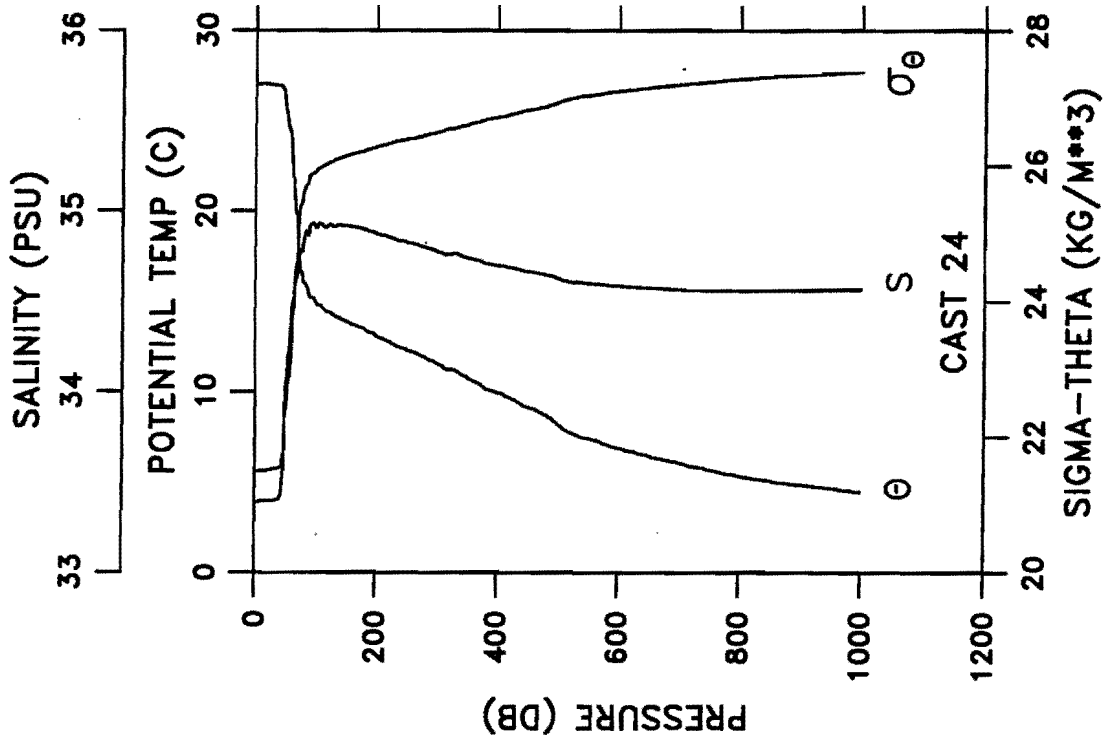
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.325	33.430	21.751	0.000
10	26.334	33.425	21.743	0.061
20	26.340	33.445	21.757	0.121
30	26.335	33.448	21.760	0.182
40	24.892	33.959	22.589	0.241
50	21.253	34.825	24.293	0.282
60	19.067	34.974	24.985	0.314
70	17.860	34.963	25.279	0.343
80	16.346	34.944	25.828	0.368
90	15.385	34.935	25.837	0.391
100	15.183	34.916	25.868	0.412
110	14.590	34.906	25.990	0.433
120	14.399	34.901	26.027	0.453
130	13.920	34.920	26.143	0.473
140	13.846	34.940	26.174	0.492
150	13.700	34.929	26.195	0.511
160	13.589	34.924	26.215	0.529
170	13.428	34.908	26.236	0.547
180	13.257	34.906	26.268	0.566
190	13.138	34.898	26.287	0.583
200	13.024	34.890	26.304	0.601
250	12.187	34.810	26.406	0.688
300	11.295	34.764	26.539	0.769
350	10.363	34.725	26.675	0.845
400	9.410	34.675	26.798	0.914
450	8.497	34.647	26.921	0.976
500	8.010	34.630	26.982	1.035
550	7.594	34.613	27.030	1.092
600	7.207	34.599	27.074	1.147
650	6.798	34.588	27.122	1.200
700	6.494	34.580	27.157	1.251
750	6.005	34.571	27.213	1.300
800	5.522	34.560	27.264	1.347
900	4.983	34.554	27.324	1.434
1000	4.549	34.562	27.379	1.517
1005	4.507	34.563	27.385	1.521

CAST GP5-95-DJ -023 DATE 20 AUG 95 TIME 1814 GMT
 LAT 03 59.8N LONG 094 59.9W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 170 T SPD 07 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 27.3 WET 22.0 DEPTH 3349 M



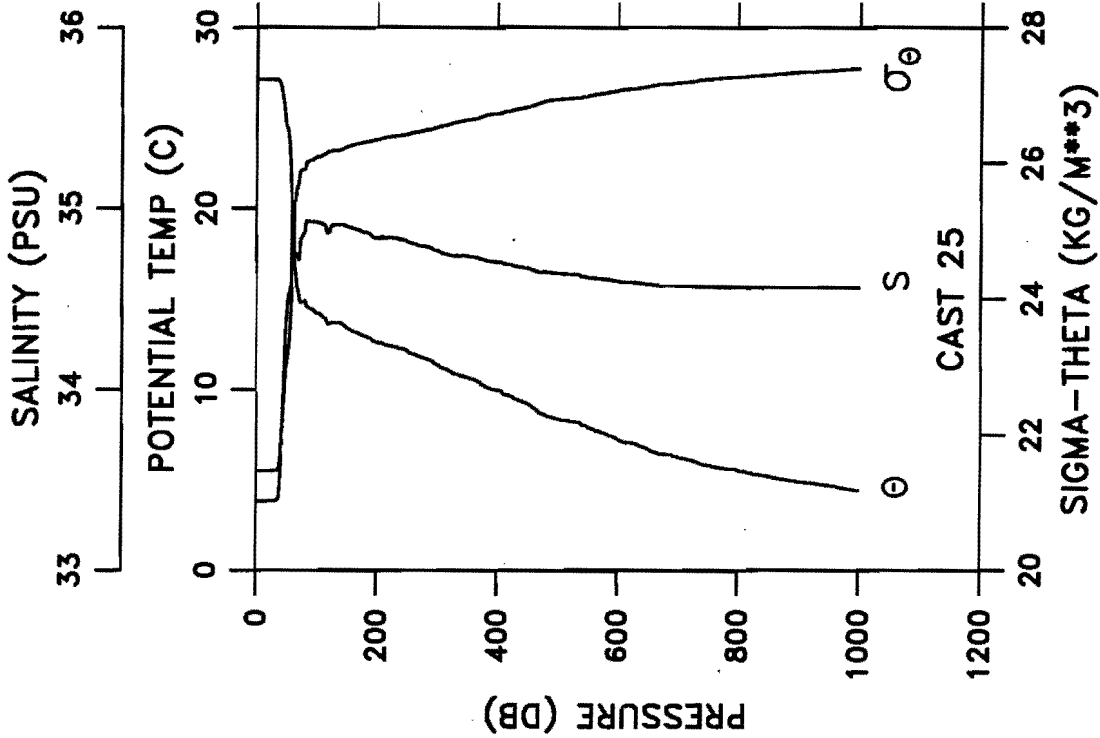
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.584	33.380	21.632	0.000
10	26.526	33.379	21.649	0.062
20	26.480	33.367	21.654	0.123
30	26.472	33.367	21.657	0.185
40	26.468	33.368	21.659	0.246
50	26.285	33.438	21.766	0.308
60	20.158	34.901	24.645	0.347
70	19.302	34.931	24.892	0.379
80	17.628	34.973	25.344	0.407
90	15.988	34.948	25.711	0.432
100	15.117	34.930	25.893	0.453
110	14.600	34.931	26.007	0.474
120	14.549	34.929	26.016	0.494
130	14.146	34.928	26.101	0.514
140	14.011	34.919	26.123	0.533
150	13.888	34.916	26.146	0.553
160	13.821	34.913	26.158	0.572
170	13.759	34.914	26.172	0.590
180	13.514	34.904	26.215	0.609
190	13.309	34.890	26.246	0.627
200	13.227	34.892	26.264	0.645
250	12.442	34.834	26.376	0.733
300	11.406	34.722	26.533	0.815
350	10.299	34.784	26.684	0.890
400	9.284	34.676	26.819	0.958
450	8.326	34.633	26.936	1.021
500	7.839	34.609	27.020	1.078
550	7.304	34.597	27.059	1.134
600	7.012	34.593	27.097	1.187
650	6.807	34.583	27.144	1.239
700	6.201	34.572	27.189	1.289
750	5.829	34.566	27.232	1.336
800	5.554	34.562	27.262	1.382
900	5.086	34.560	27.316	1.471
1000	4.552	34.558	27.376	1.554
1002	4.544	34.558	27.376	1.556

CAST GP5-95-D1 -024 DATE 21 AUG 95 TIME 0221 GMT
 LAT 05 25.8N LONG 094 51.6W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 210 T SPD 10 KT VISIBILITY 8
 CLOUD 6 AMOUNT 3 DRY 26.2 WET 23.0 DEPTH 3630 M



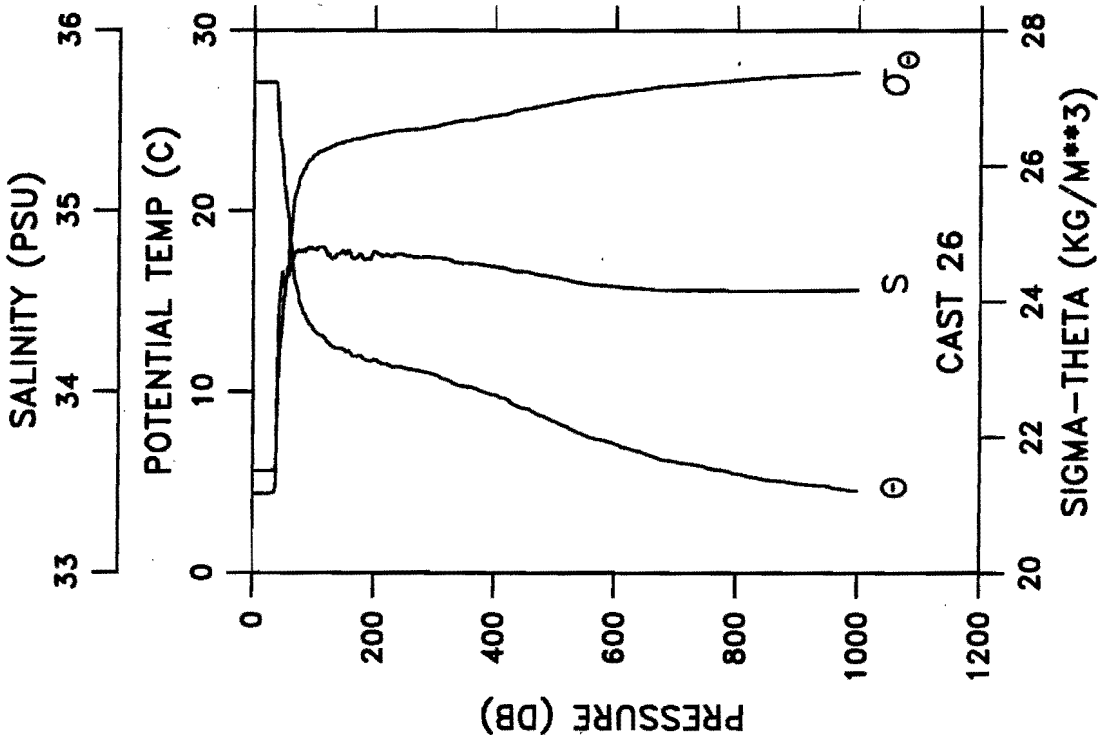
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.044	33.389	21.493	0.000
10	27.049	33.391	21.493	0.063
20	27.043	33.396	21.498	0.128
30	26.973	33.397	21.522	0.189
40	26.942	33.408	21.540	0.252
50	25.591	34.028	22.429	0.312
60	23.359	34.462	23.424	0.362
70	18.891	34.674	24.801	0.400
80	15.983	34.832	25.623	0.426
90	15.191	34.917	25.867	0.449
100	14.930	34.909	25.918	0.470
110	14.676	34.926	25.986	0.491
120	14.397	34.917	26.040	0.511
130	14.183	34.913	26.082	0.531
140	14.040	34.921	26.119	0.550
150	13.878	34.917	26.149	0.569
160	13.709	34.913	26.181	0.588
170	13.591	34.908	26.202	0.607
180	13.458	34.900	26.223	0.625
190	13.261	34.887	26.254	0.644
200	13.070	34.876	26.283	0.662
250	12.340	34.830	26.392	0.749
300	11.573	34.778	26.498	0.831
350	10.802	34.742	26.611	0.909
400	9.951	34.699	26.726	0.981
450	9.177	34.666	26.829	1.049
500	8.210	34.627	26.950	1.112
550	7.421	34.600	27.044	1.169
600	6.863	34.587	27.109	1.222
650	6.467	34.575	27.157	1.273
700	6.055	34.566	27.203	1.322
750	5.682	34.559	27.244	1.369
800	5.337	34.558	27.286	1.414
900	4.856	34.559	27.342	1.499
1000	4.461	34.568	27.392	1.580
1500	2.927	34.608	27.579	1.928
2000	2.183	34.639	27.668	2.210
2500	1.686	34.662	27.725	2.459
3000	1.582	34.667	27.737	2.696
3405	1.554	34.668	27.740	2.893

CAST GP5-95-D1 -025 DATE 21 AUG 95 TIME 0621 GMT
 LAT 05 59.9N LONG 095 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 15 WIND DIR 210 T SPD 08 KT VISIBILITY 8
 CLOUD 7 AMOUNT 8 DRY 26.5 WET 23.2 DEPTH 3257 M



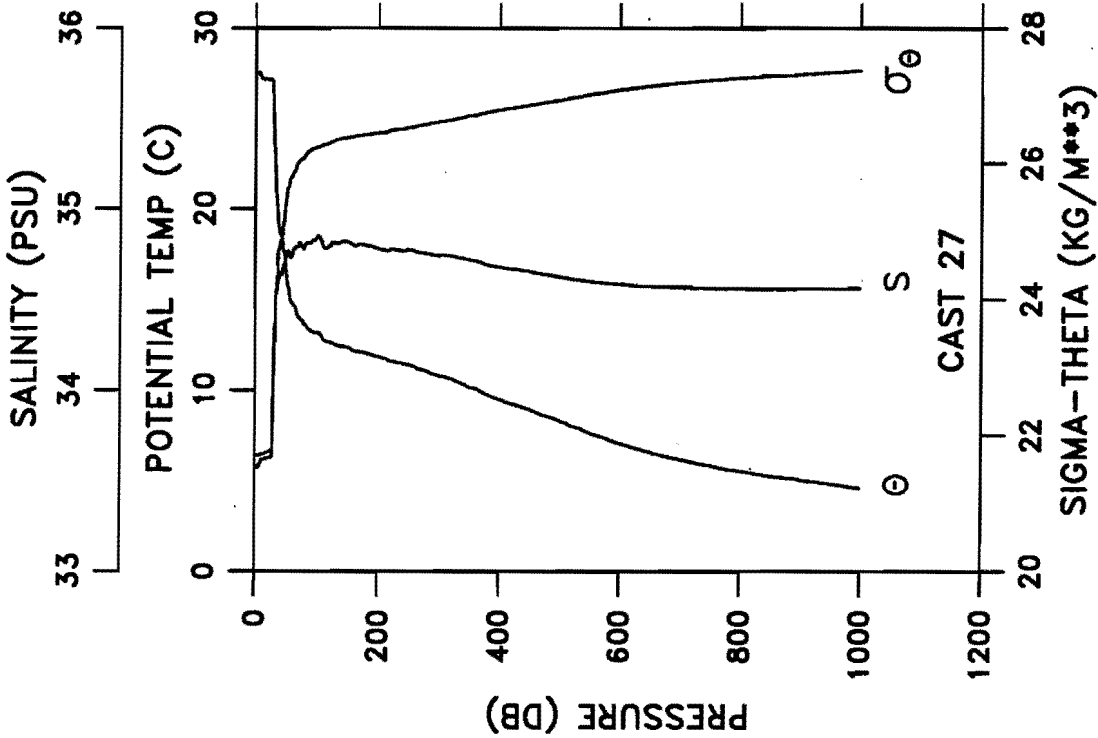
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.116	33.385	21.467	0.000
10	27.120	33.384	21.465	0.063
20	27.116	33.384	21.467	0.127
30	27.107	33.386	21.471	0.190
40	26.719	33.560	21.724	0.253
50	24.490	34.433	23.068	0.307
60	18.511	34.722	24.933	0.348
70	15.005	34.724	25.759	0.374
80	14.871	34.877	25.906	0.395
90	14.448	34.928	26.037	0.415
100	14.197	34.924	26.087	0.435
110	14.011	34.915	26.120	0.454
120	13.830	34.872	26.166	0.473
130	13.682	34.910	26.185	0.492
140	13.650	34.912	26.193	0.510
150	13.593	34.900	26.236	0.529
160	13.211	34.889	26.265	0.547
170	13.070	34.879	26.286	0.564
180	12.942	34.870	26.304	0.582
190	12.781	34.851	26.322	0.600
200	12.604	34.833	26.343	0.617
250	12.152	34.819	26.420	0.702
300	11.368	34.766	26.526	0.783
350	10.666	34.735	26.630	0.859
400	9.963	34.703	26.727	0.931
450	9.229	34.669	26.822	0.998
500	8.379	34.640	26.934	1.061
550	7.899	34.617	26.988	1.121
600	7.243	34.587	27.068	1.177
650	6.729	34.581	27.126	1.230
700	6.257	34.571	27.181	1.280
750	5.825	34.567	27.232	1.328
800	5.546	34.563	27.264	1.374
900	4.920	34.563	27.338	1.461
1000	4.426	34.563	27.393	1.542
1005	4.410	34.563	27.395	1.546

CAST GP5-95-DI -026 DATE 21 AUG 95 TIME 1122 GMT
 LAT 07 00.1N LONG 094 59.8W WEATHER 1 SEA STATE 4
 BAROMETER 13 WIND DIR 225 T SPD 10 KT VISIBILITY 8
 CLOUD 6 AMOUNT 6 DRY 26.5 WET 23.3 DEPTH 3686 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.136	33.437	21.500	0.000
10	27.138	33.437	21.499	0.063
20	27.137	33.437	21.500	0.126
30	27.132	33.439	21.503	0.189
40	25.731	34.083	22.427	0.251
50	21.873	34.613	23.961	0.296
60	18.730	34.681	24.832	0.332
70	15.908	34.772	25.594	0.360
80	14.661	34.772	25.871	0.382
90	13.899	34.792	26.048	0.403
100	13.412	34.787	26.145	0.422
110	13.129	34.800	26.213	0.441
120	12.851	34.777	26.251	0.459
130	12.481	34.735	26.291	0.476
140	12.377	34.762	26.333	0.484
150	12.334	34.773	26.349	0.511
160	12.156	34.767	26.378	0.528
170	11.926	34.739	26.401	0.544
180	11.894	34.745	26.411	0.561
190	11.706	34.735	26.439	0.577
200	11.777	34.775	26.457	0.594
250	11.305	34.754	26.529	0.673
300	10.955	34.740	26.582	0.750
350	10.312	34.712	26.674	0.823
400	9.839	34.693	26.740	0.894
450	9.105	34.668	26.840	0.961
500	8.376	34.635	26.930	1.024
550	7.613	34.598	27.016	1.083
600	7.135	34.584	27.073	1.138
650	6.562	34.570	27.140	1.190
700	6.142	34.562	27.189	1.240
750	5.841	34.560	27.225	1.288
800	5.480	34.560	27.270	1.334
900	4.941	34.559	27.333	1.420
1000	4.526	34.563	27.382	1.502
1003	4.508	34.562	27.384	1.505

CAST GP5-95-D1 -027 DATE 21 AUG 95 TIME 2356 GMT
 LAT 08 06.2N LONG 094 57.3W WEATHER 1 SEA STATE 2
 BAROMETER 13 WIND DIR 210 T SPD 07 KT VISIBILITY 8
 CLOUD 9 AMOUNT 5 DRY 26.5 WET 25.5 DEPTH 3638 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.539	33.638	21.522	0.000
10	27.200	33.645	21.636	0.062
20	27.152	33.655	21.659	0.124
30	24.521	34.159	22.851	0.185
40	18.776	34.626	24.793	0.223
50	16.514	34.738	25.428	0.252
60	14.863	34.739	25.802	0.275
70	14.054	34.791	26.015	0.296
80	13.607	34.792	26.109	0.316
90	13.252	34.811	26.196	0.334
100	13.162	34.838	26.236	0.353
110	12.774	34.792	26.277	0.370
120	12.664	34.796	26.302	0.388
130	12.495	34.808	26.345	0.405
140	12.407	34.816	26.368	0.422
150	12.351	34.817	26.380	0.439
160	12.177	34.798	26.399	0.456
170	12.116	34.802	26.414	0.472
180	12.050	34.799	26.424	0.489
190	11.949	34.791	26.437	0.505
200	11.852	34.780	26.447	0.521
250	11.395	34.773	26.527	0.601
300	10.787	34.738	26.611	0.677
350	10.155	34.716	26.704	0.750
400	9.482	34.677	26.787	0.819
450	8.923	34.654	26.860	0.884
500	8.307	34.623	26.932	0.946
550	7.602	34.598	27.017	1.005
600	7.025	34.583	27.087	1.060
650	6.558	34.573	27.143	1.112
700	6.159	34.568	27.190	1.162
750	5.831	34.561	27.227	1.209
800	5.519	34.559	27.264	1.255
900	5.044	34.557	27.319	1.343
1000	4.587	34.562	27.375	1.426
1500	3.078	34.801	27.559	1.781
2000	2.195	34.634	27.662	2.071
2500	1.688	34.660	27.725	2.318
3000	1.598	34.684	27.734	2.557
3407	1.576	34.665	27.736	2.757

CAST GP5-95-DI -001 LAT 08 03.6N LONG 110 03.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	27.719	33.408	27.717	21.287
75.	19.070	34.720	19.056	24.770
150.	12.691	34.807	12.671	26.302
298.	10.632	34.729	10.596	26.632
500.	8.543	34.635	8.490	26.904
1000.	4.625	34.564	4.545	27.373
1499.	3.104	34.612	2.995	27.562
1999.	2.209	34.648	2.070	27.673
2499.	1.831	34.673	1.654	27.721
3002.	1.726	34.686	1.504	27.734
3849.	1.541	34.689	1.237	27.757

CAST GP5-95-DI -003 LAT 06 00.1N LONG 110 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.116	34.251	27.114	22.118
74.	27.087	34.310	27.070	22.172
151.	13.636	34.691	13.614	26.024
200.	11.467	34.744	11.441	26.492
301.	10.417	34.711	10.381	26.656
400.	9.667	34.685	9.621	26.764
501.	8.546	34.638	8.493	26.906
599.	7.366	34.594	7.307	27.049
699.	6.567	34.576	6.502	27.144
801.	5.980	34.563	5.908	27.210
900.	5.515	34.562	5.437	27.266
1001.	4.957	34.560	4.874	27.332

CAST GP5-95-DI -002 LAT 07 00.0N LONG 110 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.560	34.189	27.558	21.929
75.	24.705	34.552	24.689	23.055
145.	13.565	34.763	13.545	26.094
201.	11.487	34.739	11.461	26.483
300.	10.396	34.714	10.360	26.661
400.	9.566	34.682	9.520	26.776
500.	8.418	34.635	8.365	26.924
601.	7.463	34.601	7.403	27.039
699.	6.470	34.572	6.406	27.152
796.	5.855	34.564	5.785	27.225
899.	5.372	34.568	5.295	27.283
999.	4.867	34.564	4.785	27.343

CAST GP5-95-DI -004 LAT 04 55.6N LONG 109 56.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	25.398	34.027	25.396	22.486
11.	25.398	34.238	25.396	22.486
151.	14.978	34.812	14.955	25.833
294.	11.810	34.803	11.772	26.477
505.	8.787	34.654	8.732	26.882
999.	4.631	34.567	4.550	27.374
1498.	3.113	34.610	3.004	27.563
1999.	2.306	34.642	2.165	27.661
2500.	1.873	34.666	1.695	27.715
2998.	1.749	34.676	1.527	27.731
3498.	1.522	34.687	1.255	27.758
3785.	1.470	34.690	1.175	27.764

CAST GP5-95-DI -005 LAT 03 59.9N LONG 110 00.5W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	25.613	34.010	25.611	22.407
75.	24.167	34.481	24.151	23.200
150.	14.992	34.941	14.969	25.927
196.	13.786	34.926	13.758	26.173
298.	12.463	34.856	12.423	26.389
400.	10.772	34.745	10.723	26.619
500.	9.073	34.664	9.017	26.845
599.	7.631	34.605	7.571	27.019
898.	5.127	34.561	5.051	27.313
1000.	4.562	34.564	4.482	27.380

CAST GP5-95-DI -007 LAT 02 06.8N LONG 110 18.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	25.517	33.969	25.514	22.407
73.	18.990	34.884	18.977	24.921
150.	13.734	34.924	13.713	26.185
300.	11.318	34.772	11.280	26.539
500.	8.003	34.617	7.951	26.975
999.	4.576	34.558	4.496	27.375
1502.	3.112	34.574	3.003	27.560
2000.	2.335	34.638	2.193	27.656
2498.	1.796	34.668	1.619	27.722
2999.	1.697	34.674	1.475	27.735
3502.	1.497	34.688	1.231	27.760
3603.	1.468	34.688	1.192	27.763

CAST GP5-95-DI -006 LAT 02 59.9N LONG 110 00.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	25.786	33.937	25.784	22.299
75.	22.422	34.745	22.407	23.903
150.	14.308	34.956	14.286	26.089
200.	13.516	34.920	13.488	26.226
298.	12.172	34.838	12.133	26.428
399.	9.686	34.691	9.640	26.764
500.	8.116	34.627	8.064	26.964
599.	6.988	34.588	6.931	27.093
701.	6.370	34.568	6.306	27.164
799.	5.688	34.558	5.618	27.243
889.	5.177	34.563	5.102	27.303
1001.	4.600	34.565	4.520	27.372

CAST GP5-95-DI -008 LAT 00 59.6N LONG 110 00.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
8.	24.997	34.136	24.996	22.694
74.	15.401	34.943	15.390	25.844
150.	13.059	34.892	13.038	26.304
198.	12.546	34.876	12.519	26.393
298.	11.951	34.836	11.913	26.477
399.	9.689	34.708	9.644	26.781
500.	8.232	34.633	8.180	26.956
600.	7.222	34.592	7.164	27.071
700.	6.470	34.567	6.405	27.154
801.	5.589	34.551	5.519	27.252
899.	5.096	34.548	5.022	27.310
1001.	4.797	34.551	4.714	27.346

CAST GP5-95-DI -009 LAT 00 03.5N LONG 109 59.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	22.481	34.560	22.479	23.693
76.	14.604	34.921	14.593	25.997
149.	12.881	34.913	12.861	26.352
299.	11.768	34.827	11.730	26.501
499.	8.358	34.641	8.306	26.941
1001.	4.565	34.558	4.484	27.378
1499.	2.998	34.608	2.890	27.573
2001.	2.188	34.646	2.049	27.676
2499.	1.881	34.664	1.703	27.714
3003.	1.687	34.674	1.466	27.738
3499.	1.493	34.688	1.227	27.762
3604.	1.468	34.690	1.192	27.766

CAST GP5-95-DI -011 LAT 01 56.7S LONG 109 59.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	21.824	35.144	21.823	24.400
73.	18.877	35.189	18.864	25.209
151.	13.160	34.897	13.139	26.305
298.	12.034	34.832	11.995	26.477
500.	8.238	34.615	8.186	26.958
1000.	4.422	34.532	4.343	27.393
1497.	3.055	34.575	2.947	27.565
1996.	2.208	34.621	2.069	27.676
2501.	1.858	34.639	1.680	27.716
3000.	1.615	34.651	1.396	27.744
3500.	1.454	34.664	1.189	27.767
3702.	1.448	34.667	1.162	27.768

CAST GP5-95-DI -010 LAT 01 00.0S LONG 110 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
76.	16.772	35.339	16.760	25.804
150.	13.751	35.017	13.729	26.248
301.	11.586	34.827	11.548	26.534
400.	9.072	34.681	9.028	26.857
501.	8.464	34.649	8.410	26.928
600.	7.653	34.610	7.593	27.018
799.	5.451	34.558	5.383	27.264
899.	4.856	34.550	4.782	27.336
1002.	4.452	34.558	4.372	27.386

CAST GP5-95-DI -012 LAT 03 00.0S LONG 110 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	22.475	35.115	22.473	24.195
75.	15.575	35.008	15.563	25.870
151.	13.748	34.934	13.727	26.211
201.	12.802	34.867	12.775	26.353
300.	12.244	34.851	12.204	26.450
401.	10.268	34.729	10.221	26.717
501.	8.432	34.627	8.379	26.938
600.	7.124	34.561	7.066	27.079
700.	6.399	34.533	6.335	27.156
800.	5.701	34.517	5.631	27.232
900.	4.965	34.517	4.891	27.316
1001.	4.490	34.525	4.411	27.377

CAST GP5-95-DI -013 LAT 03 59.9S LONG 110 00.1W
 CAST GP5-95-DI -015 LAT 05 59.9S LONG 110 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	22.590	35.113	22.588	24.160	11.	23.284	35.188	23.281	24.015
75.	14.487	34.958	14.476	26.078	75.	18.700	35.425	18.687	25.425
150.	14.025	34.946	14.003	26.165	148.	12.524	34.891	12.504	26.420
200.	13.140	34.891	13.112	26.306	200.	11.868	34.844	11.842	26.514
300.	12.315	34.852	12.275	26.439	300.	10.845	34.772	10.808	26.648
402.	10.721	34.758	10.672	26.660	401.	9.736	34.702	9.690	26.787
498.	9.144	34.665	9.088	26.855	500.	8.481	34.628	8.428	26.930
599.	7.995	34.603	7.933	26.984	599.	7.080	34.560	7.022	27.081
700.	6.379	34.531	6.315	27.157	700.	6.378	34.537	6.314	27.159
801.	5.549	34.515	5.480	27.248	801.	5.628	34.517	5.559	27.238
899.	4.775	34.509	4.702	27.335	801.	5.627	34.517	5.557	27.238
999.	4.380	34.516	4.301	27.384	1001.	4.661	34.519	4.581	27.352

CAST GP5-95-DI -014 LAT 05 01.2S LONG 109 58.8W
 CAST GP5-95-DI -016 LAT 07 00.0S LONG 110 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	22.772	35.192	22.769	24.166	10.	24.060	35.342	24.058	23.902
74.	14.489	34.972	14.479	26.078	76.	22.912	35.568	22.896	24.442
150.	13.394	34.915	13.373	26.269	151.	13.659	34.952	13.637	26.237
201.	12.842	34.877	12.814	26.352	200.	12.209	34.868	12.182	26.464
302.	12.004	34.840	11.964	26.485	301.	11.136	34.791	11.098	26.608
502.	8.910	34.658	8.856	26.884	401.	9.813	34.699	9.766	26.774
1000.	4.392	34.521	4.313	27.384	500.	8.044	34.606	7.993	26.978
1499.	2.947	34.578	2.840	27.574	600.	7.044	34.565	6.987	27.087
2001.	2.219	34.620	2.079	27.672	701.	6.338	34.536	6.274	27.162
2501.	1.905	34.636	1.726	27.709	801.	5.594	34.514	5.524	27.240
2998.	1.690	34.650	1.469	27.737	900.	5.062	34.513	4.987	27.300
3305.	1.577	34.658	1.329	27.751	1001.	4.600	34.519	4.519	27.358

CAST GP5-95-DI -017 LAT 07 59.9S LONG 109 55.8W
 CAST GP5-95-DI -019 LAT 01 59.7S LONG 095 01.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	24.351	35.450	24.350	23.898	11.	19.232	34.819	19.230	24.844
76.	24.348	35.451	24.332	23.895	76.	14.035	34.980	14.024	26.178
151.	13.800	34.952	13.778	26.211	150.	13.571	34.932	13.550	26.240
199.	12.189	34.864	12.163	26.466	200.	13.362	34.912	13.334	26.266
299.	11.068	34.787	11.031	26.618	301.	12.151	34.852	12.111	26.458
501.	8.687	34.639	8.633	26.907	400.	8.924	34.659	8.880	26.877
998.	4.489	34.518	4.410	27.372	498.	8.006	34.614	7.955	26.983
1499.	2.968	34.572	2.860	27.566	600.	7.225	34.580	7.166	27.067
2001.	2.226	34.613	2.086	27.665	700.	6.481	34.558	6.416	27.152
2500.	1.869	34.639	1.691	27.714	800.	5.649	34.541	5.580	27.244
3000.	1.732	34.648	1.510	27.732	900.	5.122	34.533	5.047	27.300
3201.	1.646	34.654	1.406	27.743	1004.	4.721	34.544	4.639	27.353

CAST GP5-95-DI -018 LAT 04 55.7S LONG 095 11.4W
 CAST GP5-95-DI -020 LAT 00 17.4S LONG 094 58.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	22.423	35.204	22.421	24.050	9.	20.909	34.605	20.907	24.218
75.	17.162	35.126	17.149	24.708	75.	14.621	35.036	14.610	26.082
150.	13.108	34.942	13.088	26.117	148.	13.521	34.952	13.500	26.254
199.	12.532	34.911	12.506	26.106	202.	13.095	34.911	13.067	26.305
300.	11.541	34.852	11.503	25.537	299.	10.972	34.788	10.935	26.614
400.	10.053	34.776	10.007	25.566	402.	9.324	34.690	9.279	26.826
501.	8.118	34.657	8.067	26.161	500.	8.172	34.632	8.120	26.961
601.	6.820	34.587	6.764	26.686	600.	7.203	34.589	7.145	27.070
701.	6.000	34.567	5.938	26.864	700.	6.493	34.574	6.428	27.153
802.	5.407	34.553	5.339	27.019	802.	5.709	34.554	5.639	27.238
901.	4.995	34.552	4.921	27.107	903.	4.983	34.545	4.909	27.318
1000.	4.553	34.552	4.473	27.362	1001.	4.496	34.566	4.416	27.383

CAST GP5-95-DI -021 LAT 02 01.4N LONG 094 59.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	25.834	33.489	25.832	21.930	9.	26.510	33.349	26.508	21.645
74.	15.854	35.065	15.842	25.824	74.	17.469	34.939	17.457	25.363
150.	13.460	34.944	13.439	26.253	148.	13.929	34.895	13.908	26.137
200.	13.339	34.931	13.311	26.271	199.	13.153	34.864	13.125	26.269
299.	11.293	34.801	11.256	26.567	300.	11.229	34.750	11.192	26.553
402.	9.625	34.714	9.579	26.789	399.	9.248	34.656	9.203	26.821
500.	8.076	34.636	8.024	26.975	500.	7.662	34.595	7.613	27.020
1000.	4.625	34.562	4.545	27.372	600.	7.064	34.578	7.007	27.090
1500.	2.896	34.616	2.789	27.588	700.	6.283	34.559	6.220	27.178
1999.	2.221	34.641	2.081	27.668	798.	5.622	34.550	5.553	27.254
2499.	1.930	34.660	1.751	27.706	899.	5.164	34.551	5.088	27.306
2801.	1.821	34.667	1.617	27.720	1001.	4.628	34.548	4.548	27.367

CAST GP5-95-DI -023 LAT 03 59.8N LONG 094 59.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	26.326	33.438	26.323	21.761	11.	27.045	33.378	27.043	21.496
76.	16.401	34.924	16.389	25.602	75.	16.103	34.739	16.091	25.570
151.	13.677	34.917	13.656	26.197	200.	13.313	34.870	13.285	26.244
200.	13.030	34.882	13.002	26.302	300.	11.722	34.765	11.683	26.476
300.	11.240	34.750	11.202	26.540	500.	8.442	34.612	8.389	26.920
399.	9.385	34.674	9.340	26.801	1001.	4.620	34.542	4.539	27.375
501.	8.070	34.634	8.019	26.974	1501.	3.119	34.585	3.010	27.560
599.	7.261	34.599	7.202	27.067	2000.	2.325	34.622	2.184	27.657
698.	6.554	34.590	6.489	27.149	2501.	1.863	34.639	1.685	27.712
					3000.	1.805	34.645	1.581	27.720
					3199.	1.812	34.646	1.568	27.720
					3403.	1.818	34.653	1.554	27.720

CAST GP5-95-DI -022 LAT 03 00.5N LONG 095 00.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	26.326	33.438	26.323	21.761	11.	27.045	33.378	27.043	21.496
76.	16.401	34.924	16.389	25.602	75.	16.103	34.739	16.091	25.570
151.	13.677	34.917	13.656	26.197	200.	13.313	34.870	13.285	26.244
200.	13.030	34.882	13.002	26.302	300.	11.722	34.765	11.683	26.476
300.	11.240	34.750	11.202	26.540	500.	8.442	34.612	8.389	26.920
399.	9.385	34.674	9.340	26.801	1001.	4.620	34.542	4.539	27.375
501.	8.070	34.634	8.019	26.974	1501.	3.119	34.585	3.010	27.560
599.	7.261	34.599	7.202	27.067	2000.	2.325	34.622	2.184	27.657
698.	6.554	34.590	6.489	27.149	2501.	1.863	34.639	1.685	27.712
					3000.	1.805	34.645	1.581	27.720
					3199.	1.812	34.646	1.568	27.720
					3403.	1.818	34.653	1.554	27.720

CAST GP5-95-DI -024 LAT 05 25.8N LONG 094 51.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	26.326	33.438	26.323	21.761	11.	27.045	33.378	27.043	21.496
76.	16.401	34.924	16.389	25.602	75.	16.103	34.739	16.091	25.570
151.	13.677	34.917	13.656	26.197	200.	13.313	34.870	13.285	26.244
200.	13.030	34.882	13.002	26.302	300.	11.722	34.765	11.683	26.476
300.	11.240	34.750	11.202	26.540	500.	8.442	34.612	8.389	26.920
399.	9.385	34.674	9.340	26.801	1001.	4.620	34.542	4.539	27.375
501.	8.070	34.634	8.019	26.974	1501.	3.119	34.585	3.010	27.560
599.	7.261	34.599	7.202	27.067	2000.	2.325	34.622	2.184	27.657
698.	6.554	34.590	6.489	27.149	2501.	1.863	34.639	1.685	27.712
					3000.	1.805	34.645	1.581	27.720
					3199.	1.812	34.646	1.568	27.720
					3403.	1.818	34.653	1.554	27.720

CST GP5-95-DI -025 LAT 05 59.9N LONG 095 00.0W

CST GP5-95-DI -027 LAT 08 06.2N LONG 094 57.3W

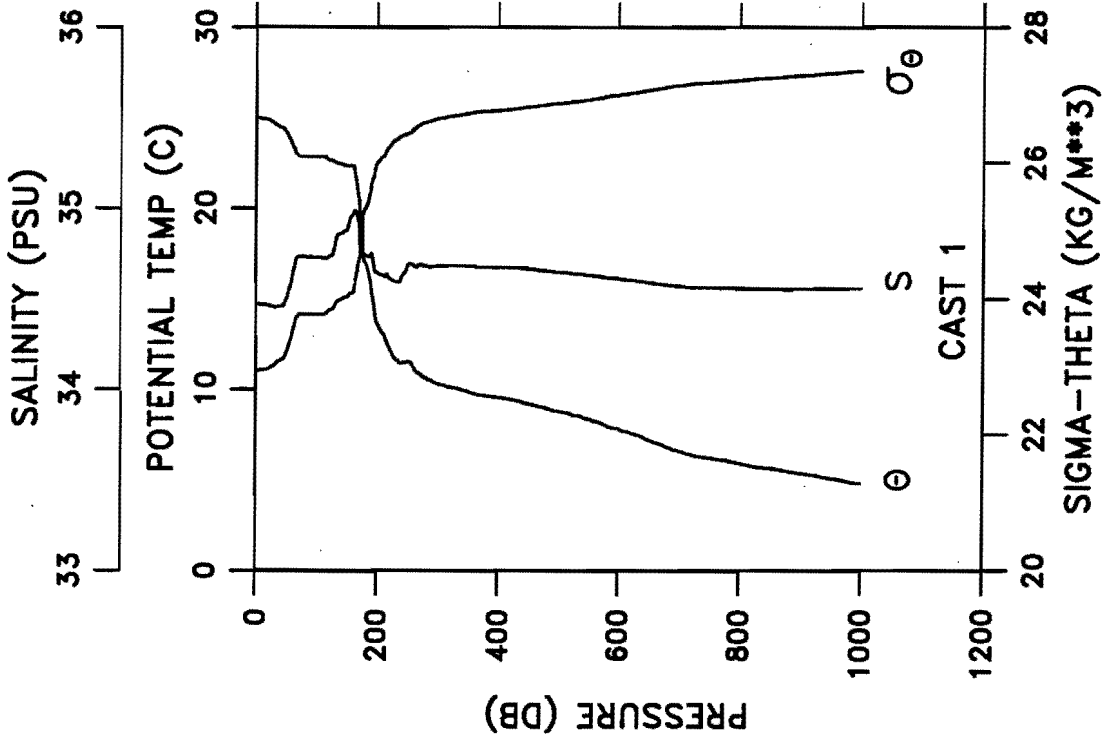
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.131	33.365	27.129	21.459	11.	27.208	33.658	27.205	21.635
74.	14.817	34.799	14.806	25.878	74.	13.644	34.780	13.634	26.087
149.	13.541	34.888	13.520	26.210	149.	12.275	34.811	12.255	26.386
200.	12.688	34.817	12.661	26.329	300.	10.829	34.743	10.793	26.604
299.	11.599	34.755	11.560	26.491	499.	8.080	34.610	8.029	26.957
401.	10.057	34.683	10.010	26.712	999.	4.621	34.568	4.540	27.372
500.	8.427	34.617	8.374	26.927	1500.	3.153	34.612	3.044	27.554
600.	7.200	34.572	7.142	27.071	1998.	2.331	34.639	2.190	27.652
699.	6.277	34.548	6.214	27.178	2501.	1.844	34.665	1.666	27.712
799.	5.572	34.542	5.503	27.260	3001.	1.822	34.699	1.598	27.717
1003.	4.495	34.543	4.416	27.386	3200.	1.831	34.671	1.587	27.717
					3405.	1.840	34.687	1.575	27.716

CST GP5-95-DI -026 LAT 07 00.1N LONG 094 59.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.127	33.436	27.124	21.504
75.	15.096	34.763	15.085	25.766
151.	12.314	34.769	12.294	26.349
202.	11.750	34.763	11.724	26.458
301.	11.003	34.730	10.966	26.573
399.	9.884	34.681	9.838	26.732
501.	8.366	34.620	8.314	26.928
600.	7.111	34.567	7.053	27.073
701.	6.164	34.548	6.101	27.186
799.	5.518	34.543	5.449	27.264
901.	5.007	34.546	4.932	27.325
1001.	4.602	34.547	4.522	27.374

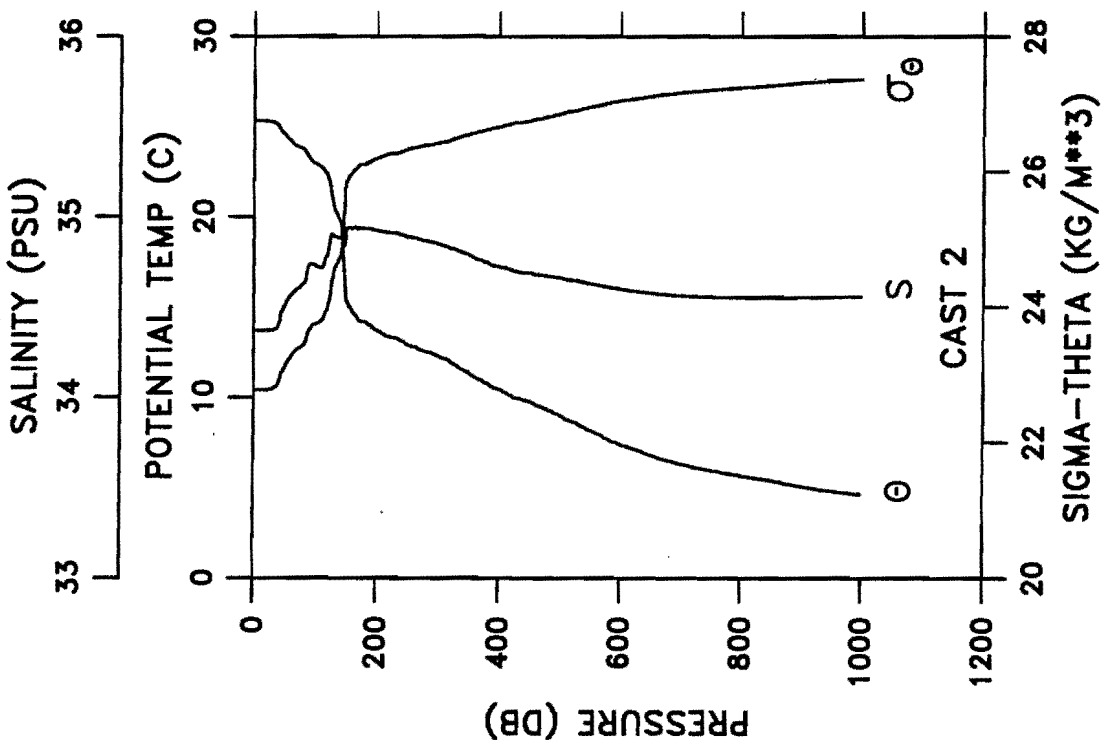
GP6-95-DI
August 27-September 21, 1995
CTD and Hydrographic Data Summary

CAST GP6-95-DI -001 DATE 02 SEP 95 TIME 0153 GMT
 LAT 05 11.0N LONG 124 53.8W WEATHER 2 SEA STATE 3
 BAROMETER 10 WIND DIR 170 T SPD 11 KT VISIBILITY 8
 CLOUD 7 AMOUNT 8 DRY 25.5 WET 22.3 DEPTH 4416 M



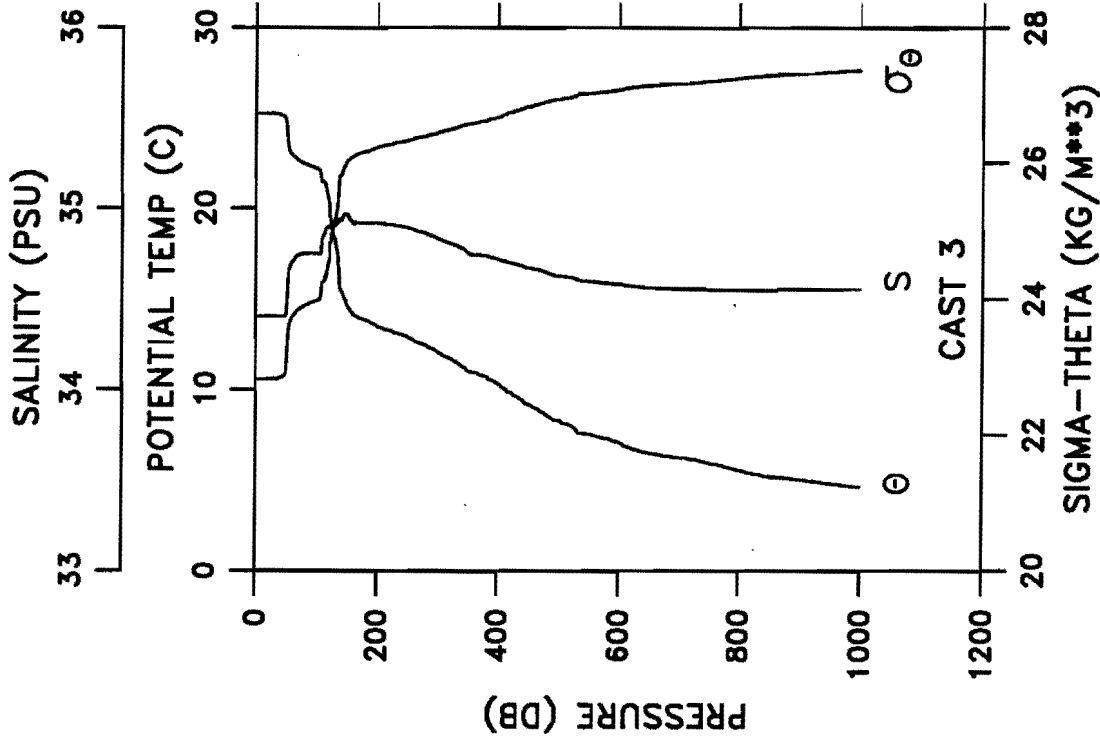
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-0 (DYN-M)
0	24.990	34.473	22.948	0.000
10	24.959	34.468	22.954	0.049
20	24.904	34.465	22.968	0.098
30	24.677	34.454	23.028	0.147
40	24.473	34.459	23.093	0.195
50	24.181	34.500	23.211	0.242
60	23.531	34.630	23.501	0.288
70	22.913	34.732	23.757	0.330
80	22.870	34.731	23.769	0.372
90	22.858	34.728	23.770	0.414
100	22.845	34.726	23.772	0.455
110	22.832	34.724	23.774	0.497
120	22.688	34.733	23.827	0.538
130	22.548	34.795	23.909	0.579
140	22.441	34.859	23.988	0.619
150	22.356	34.878	24.027	0.659
160	22.362	34.966	24.082	0.698
170	20.477	34.908	24.567	0.734
180	16.993	34.739	25.316	0.764
190	15.557	34.751	25.657	0.790
200	13.610	34.645	25.994	0.812
250	11.535	34.686	26.434	0.903
300	10.315	34.684	26.651	0.979
350	9.865	34.679	26.725	1.050
400	9.552	34.672	26.771	1.118
450	9.214	34.665	26.822	1.185
500	8.781	34.646	26.876	1.249
550	8.362	34.630	26.929	1.312
600	7.842	34.612	26.983	1.371
650	7.179	34.589	27.070	1.428
700	6.582	34.571	27.138	1.481
750	6.198	34.561	27.181	1.531
800	5.907	34.557	27.215	1.580
900	5.333	34.555	27.284	1.672
1000	4.783	34.559	27.350	1.759
1002	4.764	34.559	27.353	1.760

CAST GP6-95-01-002 DATE 02 SEP 95 TIME 0925 GMT
 LAT 04 00.7N LONG 125 00.4W WEATHER 1 SEA STATE 2
 BAROMETER 11 WIND DIR 130 T SPD 12 KT VISIBILITY 9
 CLOUD 6 AMOUNT 3 DRY 24.7 WET 22.4 DEPTH 4469 M



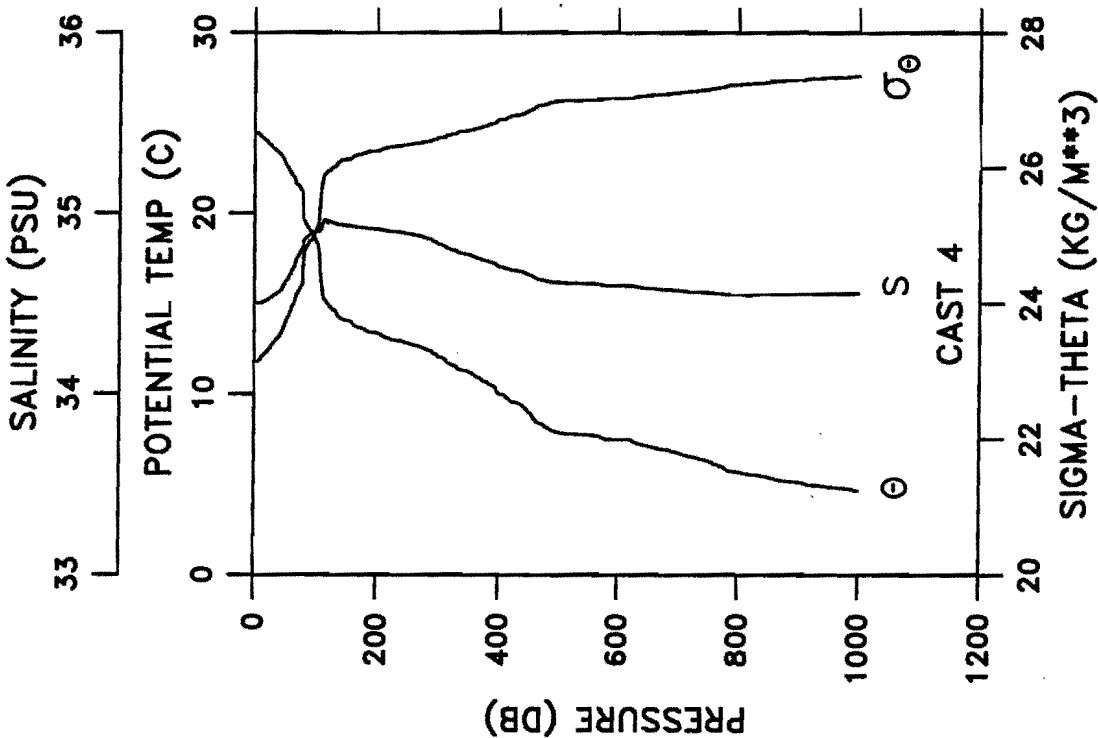
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.308	34.368	22.772	0.000
10	25.311	34.367	22.770	0.051
20	25.298	34.369	22.776	0.102
30	25.241	34.370	22.794	0.152
40	25.016	34.399	22.884	0.203
50	24.575	34.501	23.084	0.251
60	24.177	34.563	23.260	0.298
70	23.907	34.599	23.367	0.344
80	23.759	34.628	23.432	0.389
90	23.292	34.731	23.847	0.433
100	22.969	34.732	23.741	0.475
110	22.715	34.717	23.802	0.517
120	22.286	34.787	23.977	0.558
130	20.632	34.896	24.516	0.595
140	19.803	34.883	24.725	0.629
150	15.361	34.934	25.842	0.657
160	14.728	34.935	25.982	0.679
170	14.275	34.931	26.076	0.699
180	14.168	34.936	26.103	0.718
190	13.969	34.933	26.142	0.738
200	13.700	34.924	26.192	0.757
250	12.896	34.889	26.328	0.847
300	12.290	34.851	26.418	0.933
350	11.391	34.792	26.543	1.015
400	10.458	34.722	26.656	1.090
450	9.777	34.888	26.748	1.161
500	9.014	34.662	26.851	1.228
550	8.178	34.630	26.956	1.291
600	7.383	34.599	27.049	1.348
650	6.788	34.577	27.115	1.402
700	6.294	34.561	27.169	1.453
750	5.937	34.555	27.209	1.502
800	5.633	34.551	27.244	1.549
900	5.053	34.552	27.314	1.639
1000	4.625	34.556	27.366	1.722
1007	4.598	34.556	27.369	1.728

CAST GP6-95-DI --003 DATE 02 SEP 95 TIME 1517 GMT
 LAT 03 03.0N LONG 125 00.3W WEATHER 1 SEA STATE 4
 BAROMETER 11 WIND DIR 135 T SPD 17 KT VISIBILITY 8
 CLOUD 8 AMOUNT 4 DRY 24.5 WET 22.0 DEPTH 4586 M



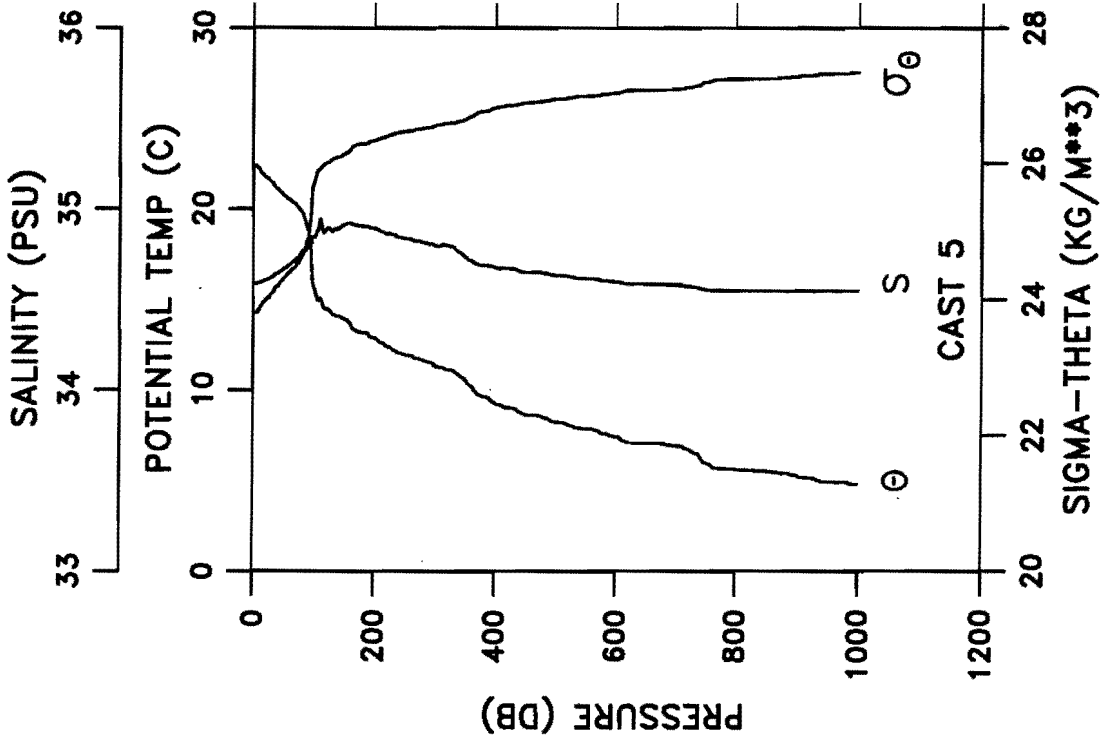
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.233	34.405	22.822	0.000
10	25.234	34.403	22.821	0.050
20	25.229	34.404	22.823	0.101
30	25.227	34.403	22.823	0.151
40	25.164	34.403	22.842	0.201
50	24.739	34.422	22.985	0.251
60	22.920	34.709	23.738	0.295
70	22.639	34.745	23.845	0.336
80	22.436	34.750	23.907	0.377
90	22.288	34.751	23.947	0.417
100	22.193	34.750	23.975	0.457
110	21.445	34.843	24.254	0.495
120	20.457	34.899	24.565	0.531
130	18.207	34.905	25.149	0.562
140	15.460	34.936	25.821	0.587
150	14.845	34.964	26.023	0.608
160	14.144	34.913	26.091	0.628
170	13.926	34.919	26.141	0.647
180	13.815	34.918	26.164	0.666
190	13.649	34.917	26.198	0.685
200	13.484	34.917	26.235	0.704
250	12.884	34.893	26.332	0.793
300	12.049	34.834	26.451	0.879
350	11.070	34.758	26.575	0.958
400	10.335	34.719	26.675	1.034
450	9.202	34.674	26.830	1.102
500	8.298	34.629	26.938	1.165
550	7.543	34.599	27.027	1.223
600	7.077	34.583	27.080	1.278
650	6.485	34.563	27.145	1.329
700	6.228	34.557	27.173	1.379
750	5.918	34.552	27.210	1.428
800	5.531	34.548	27.255	1.475
900	5.007	34.550	27.318	1.563
1000	4.608	34.557	27.368	1.646
1001	4.608	34.557	27.368	1.647

CAST GP6-95-D1 -004 DATE 02 SEP 95 TIME 2125 GMT
 LAT 01 55.3N LONG 125 05.8W WEATHER 1 SEA STATE 2
 BAROMETER 11 WIND DIR 135 T SPD 19 KT VISIBILITY 9
 CLOUD 8 AMOUNT 2 DRY 25.2 WET 22.4 DEPTH 4676 M



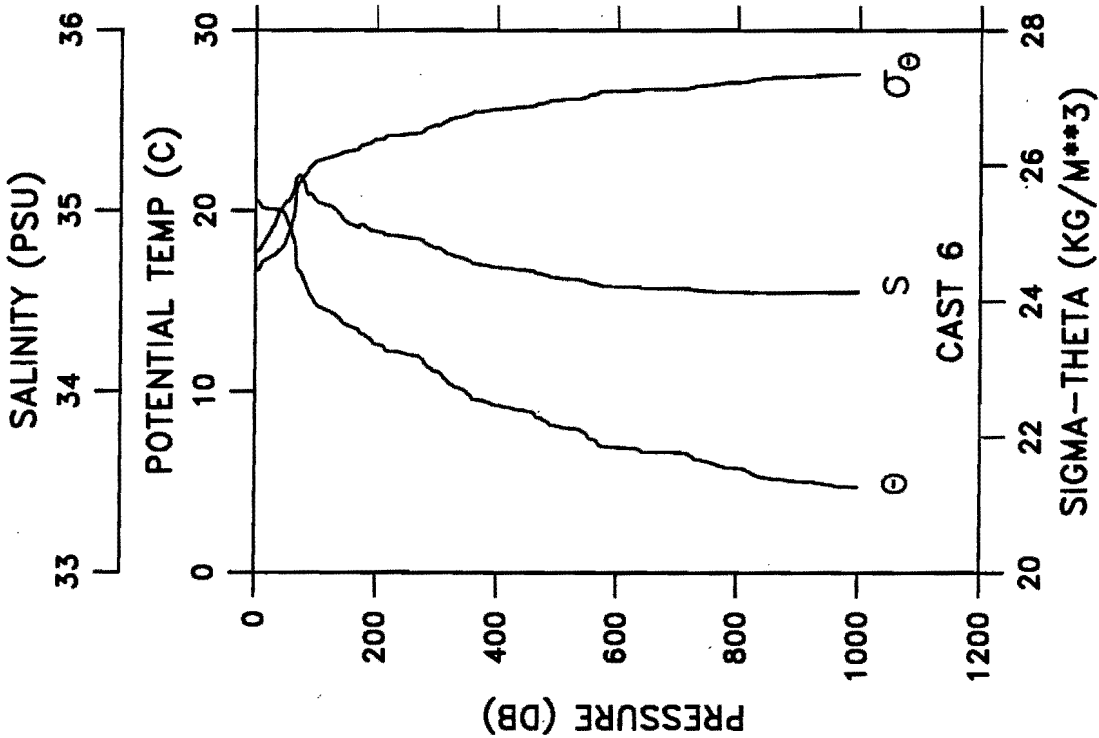
PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-0 (DYN-M)
0	24.427	34.501	23.138	0.000
10	24.276	34.502	23.184	0.047
20	23.984	34.517	23.282	0.094
30	23.619	34.542	23.408	0.139
40	23.339	34.563	23.506	0.183
50	22.758	34.619	23.716	0.226
60	22.160	34.677	23.929	0.267
70	21.582	34.757	24.151	0.306
80	19.761	34.846	24.708	0.343
90	19.044	34.883	24.922	0.374
100	18.464	34.899	25.081	0.404
110	15.878	34.927	25.720	0.431
120	14.921	34.955	25.955	0.452
130	14.615	34.944	26.014	0.473
140	14.137	34.934	26.108	0.493
150	14.051	34.931	26.123	0.512
160	13.885	34.927	26.160	0.531
170	13.667	34.922	26.197	0.550
180	13.538	34.918	26.220	0.568
190	13.395	34.913	26.246	0.587
200	13.361	34.912	26.252	0.605
250	12.793	34.886	26.346	0.693
300	12.087	34.832	26.443	0.779
350	11.230	34.770	26.555	0.859
400	10.019	34.706	26.719	0.933
450	8.991	34.660	26.854	1.001
500	7.870	34.617	26.983	1.061
550	7.730	34.610	27.008	1.118
600	7.471	34.599	27.037	1.175
650	7.124	34.586	27.075	1.230
700	6.742	34.572	27.117	1.283
750	6.304	34.560	27.166	1.335
800	5.678	34.548	27.236	1.383
900	5.121	34.552	27.306	1.473
1000	4.638	34.556	27.384	1.557
1003	4.636	34.555	27.364	1.560

CAST GP6-95-D1-005 DATE 03 SEP 95 TIME 0227 GMT
 LAT 01 00.0N LONG 125 00.2W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 110 T SPD 11 KT VISIBILITY 8
 CLOUD 0 AMOUNT 2 DRY 23.0 WET 21.0 DEPTH 4562 M



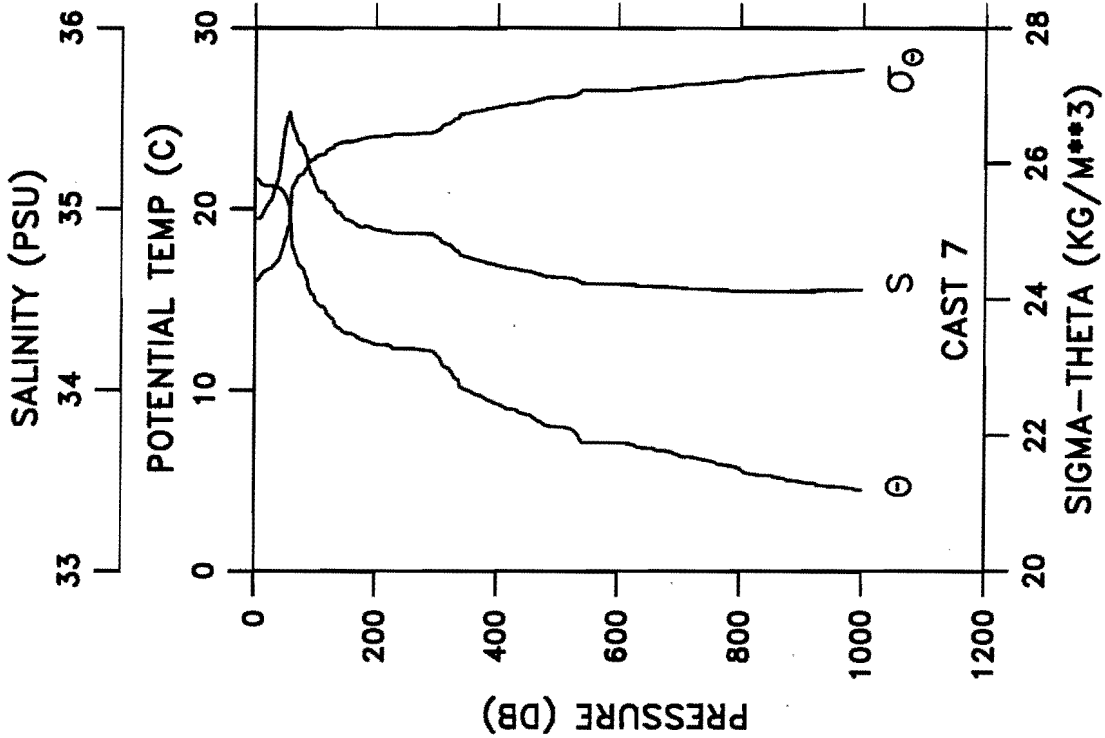
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-O (DYN-M)
0	22.376	34.590	23.802	0.000
10	22.196	34.592	23.854	0.041
20	21.748	34.608	23.992	0.081
30	21.471	34.622	24.079	0.119
40	21.092	34.645	24.200	0.157
50	20.761	34.669	24.308	0.194
60	20.502	34.691	24.395	0.230
70	20.261	34.717	24.478	0.265
80	19.855	34.761	24.618	0.298
90	18.942	34.783	24.871	0.331
100	15.729	34.841	25.688	0.359
110	15.048	34.935	25.912	0.381
120	14.459	34.878	25.996	0.401
130	14.194	34.875	26.051	0.422
140	14.048	34.888	26.091	0.441
150	13.914	34.911	26.137	0.461
160	13.673	34.920	26.195	0.479
170	13.254	34.908	26.271	0.488
180	13.157	34.903	26.287	0.515
190	13.091	34.901	26.298	0.533
200	12.867	34.892	26.337	0.551
250	11.951	34.836	26.472	0.634
300	11.342	34.798	26.556	0.714
350	10.584	34.737	26.646	0.789
400	9.276	34.677	26.821	0.858
450	8.649	34.650	26.900	0.921
500	8.230	34.633	26.952	0.962
550	7.849	34.616	26.985	1.041
600	7.410	34.597	27.044	1.098
650	7.065	34.586	27.084	1.152
700	6.908	34.579	27.101	1.206
750	5.958	34.554	27.206	1.257
800	5.609	34.548	27.245	1.304
900	5.280	34.549	27.285	1.395
1000	4.773	34.549	27.344	1.481
1002	4.759	34.549	27.345	1.483

CAST GP8-95-D1 -008 DATE 03 SEP 95 TIME 0943 GMT
 LAT 00 11.4S LONG 124 22.1W WEATHER 4 SEA STATE 2
 BAROMETER 13 WIND DIR 070 T SPD 05 KT VISIBILITY 2
 CLOUD AMOUNT 0 DRY 21.0 WET 20.2 DEPTH 5534 M



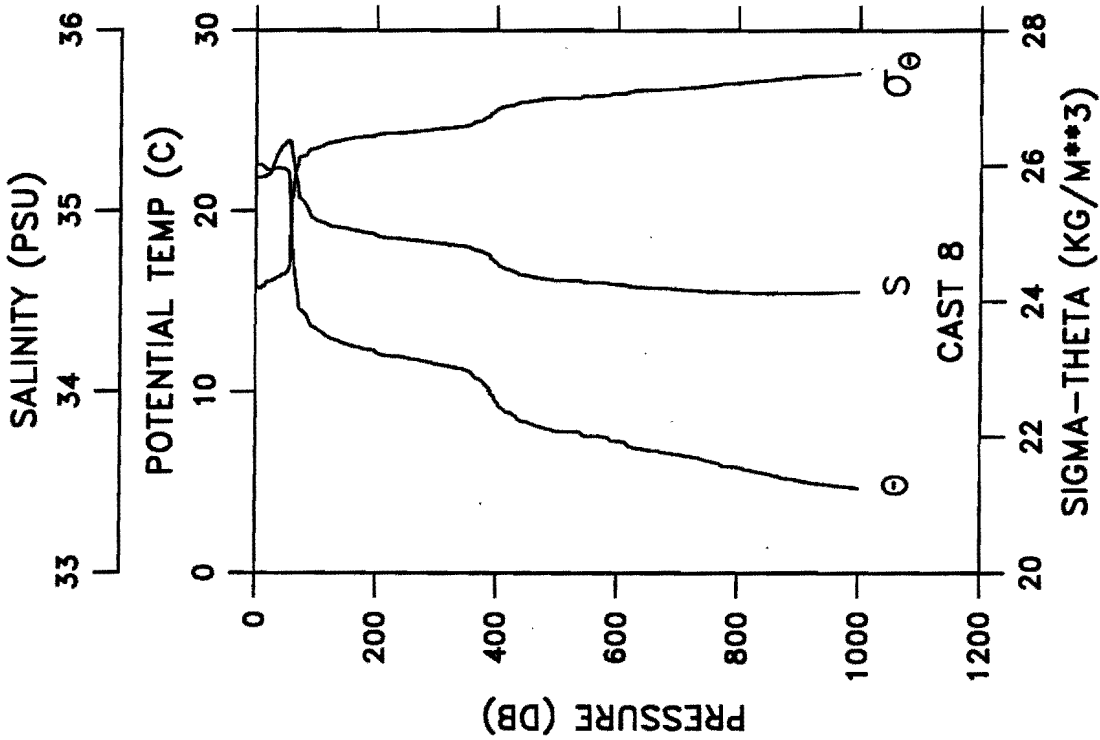
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.523	34.779	24.456	0.000
10	20.216	34.802	24.555	0.034
20	20.099	34.858	24.628	0.068
30	20.081	34.914	24.676	0.101
40	20.024	35.001	24.757	0.133
50	19.677	35.046	24.863	0.165
60	18.776	35.084	25.143	0.184
70	16.762	35.190	25.717	0.220
80	16.144	35.157	25.836	0.242
90	15.330	35.094	25.972	0.264
100	14.796	35.055	26.060	0.284
110	14.614	35.040	26.088	0.303
120	14.449	35.028	26.114	0.323
130	14.260	35.012	26.142	0.342
140	13.987	34.977	26.173	0.361
150	13.682	34.939	26.207	0.379
160	13.543	34.922	26.223	0.398
170	13.415	34.909	26.238	0.416
180	13.114	34.919	26.308	0.434
190	12.882	34.892	26.333	0.451
200	12.593	34.885	26.385	0.468
250	12.052	34.853	26.465	0.550
300	11.110	34.795	26.597	0.629
350	9.860	34.728	26.747	0.701
400	9.255	34.688	26.833	0.767
450	8.917	34.671	26.874	0.830
500	8.109	34.630	26.967	0.891
550	7.623	34.608	27.022	0.949
600	6.906	34.582	27.103	1.003
650	6.647	34.572	27.130	1.055
700	6.615	34.571	27.133	1.108
750	6.125	34.556	27.186	1.157
800	5.745	34.550	27.228	1.205
900	5.010	34.548	27.316	1.294
1000	4.716	34.552	27.352	1.378
1500	3.020	34.599	27.563	1.739
2000	2.196	34.638	27.666	2.023
2500	1.676	34.663	27.727	2.270
3000	1.437	34.674	27.753	2.502
3500	1.229	34.687	27.778	2.725
4000	1.111	34.692	27.791	2.940
4003	1.112	34.692	27.790	2.941

CAST GP6-95-DI --007 DATE 04 SEP 95 TIME 0551 GMT
 LAT 01 00.25 LONG 124 35.6W WEATHER 4 SEA STATE 2
 BAROMETER 15 WIND DIR 085 T SPD 08 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 22.1 WET 21.1 DEPTH 4657 M



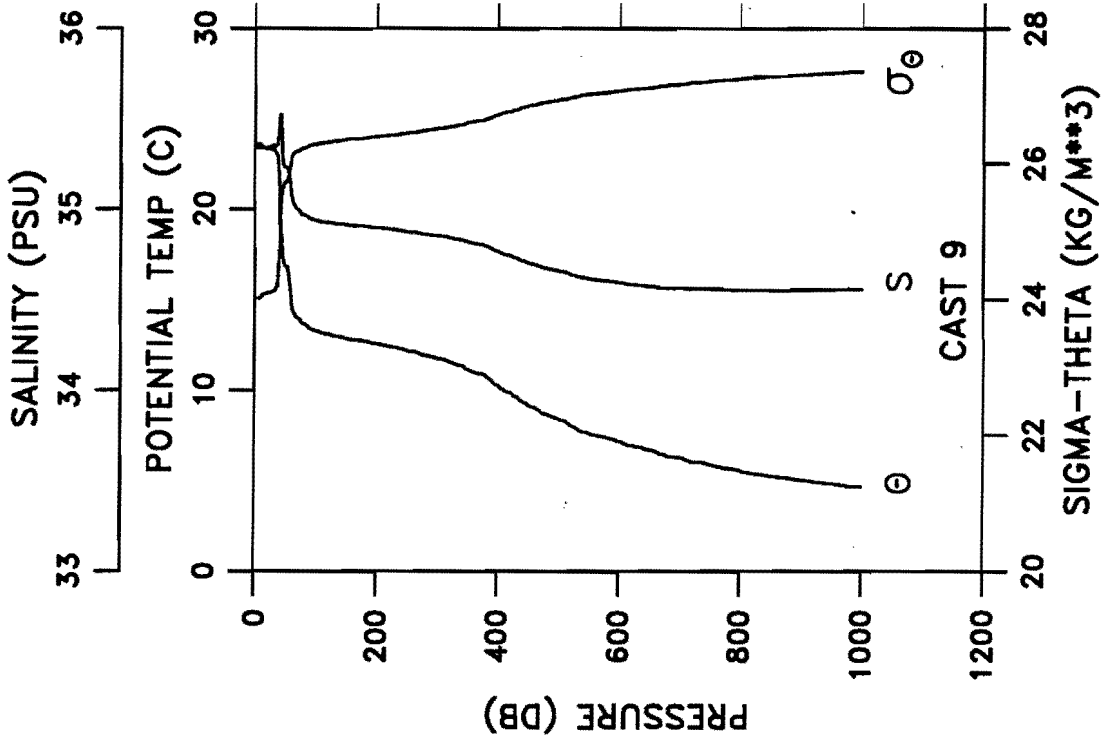
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.635	34.947	24.281	0.000
10	21.371	34.957	24.361	0.036
20	21.269	35.018	24.436	0.071
30	21.238	35.077	24.489	0.106
40	21.144	35.188	24.589	0.140
50	20.769	35.444	24.896	0.172
60	18.552	35.484	25.506	0.201
70	17.118	35.383	25.781	0.224
80	16.691	35.340	25.849	0.246
90	15.580	35.218	26.016	0.267
100	14.925	35.133	26.092	0.287
110	14.617	35.090	26.126	0.306
120	14.179	35.050	26.189	0.325
130	13.874	35.022	26.232	0.343
140	13.398	34.978	26.296	0.361
150	13.154	34.942	26.318	0.378
160	13.100	34.931	26.320	0.396
170	12.909	34.908	26.341	0.413
180	12.735	34.900	26.369	0.430
190	12.647	34.900	26.386	0.447
200	12.524	34.885	26.399	0.464
250	12.273	34.864	26.432	0.547
300	11.935	34.845	26.481	0.630
350	10.022	34.735	26.742	0.704
400	9.256	34.689	26.834	0.771
450	8.671	34.657	26.902	0.834
500	7.966	34.622	26.982	0.893
550	7.098	34.589	27.081	0.949
600	7.077	34.585	27.082	1.002
650	6.781	34.573	27.112	1.055
700	6.402	34.564	27.158	1.107
750	6.085	34.555	27.190	1.157
800	5.674	34.545	27.235	1.204
800	4.936	34.545	27.322	1.293
1000	4.468	34.554	27.382	1.375
1004	4.462	34.554	27.382	1.378

CAST GP6-95-D1 -008 DATE 04 SEP 95 TIME 1130 GMT
 LAT 02.02.9S LONG 124.51.3W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 090 T SPD 05 KT VISIBILITY 7
 CLOUD 2 AMOUNT 9 DRY 23.2 WET 22.0 DEPTH 4684 M



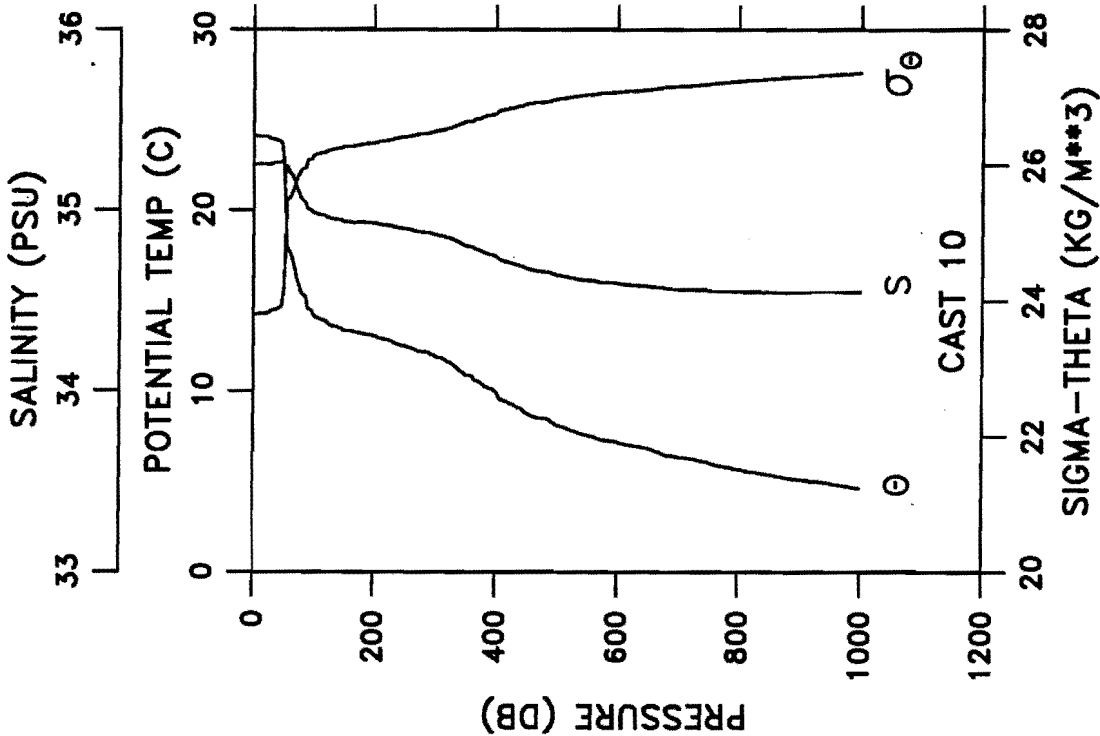
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.573	35.187	24.200	0.000
10	22.560	35.187	24.203	0.037
20	22.290	35.200	24.290	0.074
30	22.336	35.264	24.325	0.110
40	22.361	35.338	24.374	0.146
50	22.291	35.377	24.424	0.181
60	17.985	35.322	25.528	0.214
70	15.140	35.123	26.037	0.236
80	14.350	35.047	26.150	0.254
90	13.724	34.983	26.232	0.273
100	13.476	34.949	26.257	0.291
110	13.253	34.938	26.294	0.309
120	13.005	34.923	26.333	0.326
130	12.852	34.912	26.355	0.343
140	12.733	34.908	26.376	0.360
150	12.631	34.904	26.392	0.377
160	12.512	34.895	26.409	0.393
170	12.442	34.890	26.419	0.410
180	12.328	34.881	26.434	0.426
190	12.303	34.878	26.437	0.442
200	12.137	34.865	26.459	0.459
250	11.858	34.842	26.494	0.539
300	11.505	34.822	26.545	0.618
350	11.148	34.802	26.595	0.695
400	9.427	34.713	26.824	0.766
450	8.348	34.644	26.941	0.828
500	7.808	34.616	27.001	0.886
550	7.546	34.605	27.031	0.943
600	7.247	34.592	27.063	0.988
650	6.775	34.576	27.116	1.052
700	6.522	34.567	27.143	1.103
750	6.182	34.554	27.177	1.154
800	5.825	34.550	27.220	1.202
900	5.107	34.547	27.304	1.293
1000	4.638	34.553	27.362	1.377
1500	3.148	34.594	27.547	1.737
2000	2.204	34.638	27.666	2.031
2500	1.727	34.663	27.723	2.283
3000	1.433	34.676	27.755	2.515
3002	1.433	34.675	27.755	2.516

CAST GP6-95-D1 -009 DATE 05 SEP 95 TIME 0420 GMT
 LAT 03 00.1S LONG 125 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 100 T SPD 14 KT VISIBILITY 8
 CLOUD 8 AMOUNT 1 DRY 24.0 WET 22.5 DEPTH 4541 M



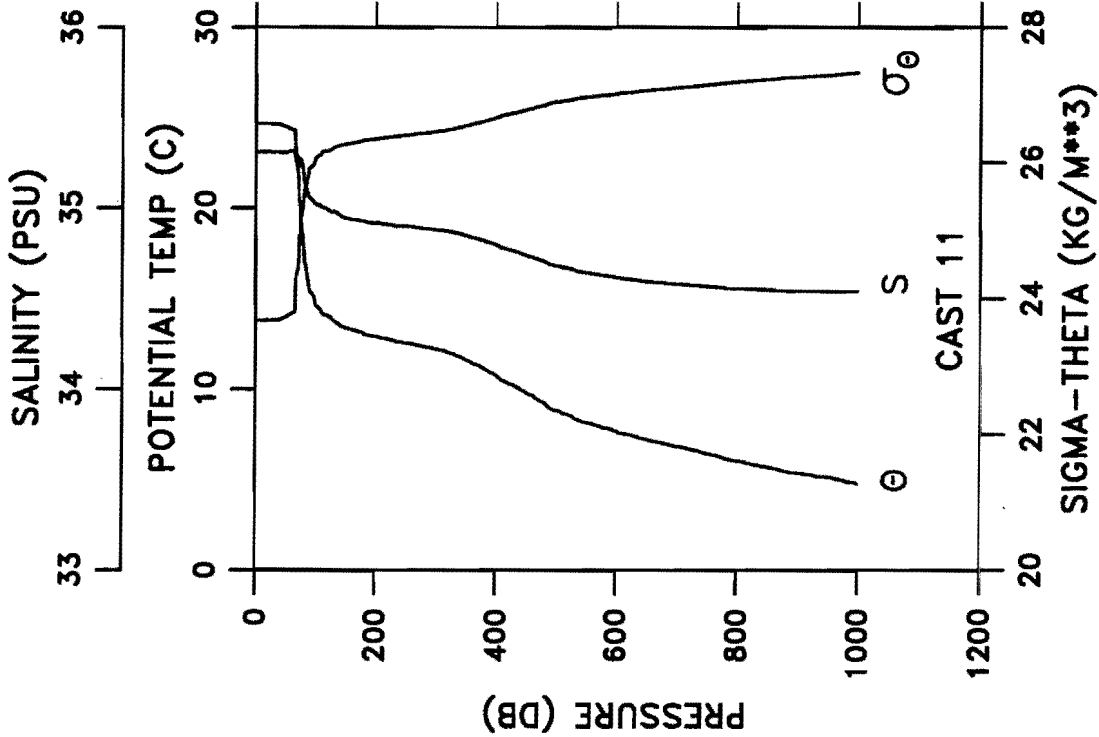
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-0 (DYN-M)
0	23.600	35.339	24.018	0.000
10	23.558	35.337	24.028	0.039
20	23.341	35.339	24.094	0.077
30	23.279	35.352	24.122	0.115
40	21.743	35.461	24.642	0.152
50	16.832	35.232	25.733	0.177
60	14.811	35.080	26.075	0.199
70	13.993	34.999	26.189	0.218
80	13.667	34.969	26.233	0.236
90	13.394	34.948	26.273	0.254
100	13.276	34.938	26.290	0.271
110	13.165	34.929	26.305	0.289
120	13.092	34.927	26.318	0.306
130	12.988	34.920	26.334	0.323
140	12.934	34.917	26.343	0.341
150	12.843	34.913	26.357	0.358
160	12.774	34.910	26.369	0.375
170	12.757	34.909	26.371	0.392
180	12.682	34.905	26.381	0.408
190	12.615	34.901	26.393	0.425
200	12.560	34.898	26.402	0.442
250	12.163	34.874	26.457	0.525
300	11.763	34.854	26.521	0.605
350	11.148	34.820	26.609	0.683
400	10.286	34.767	26.721	0.756
450	9.183	34.703	26.856	0.823
500	8.430	34.659	26.941	0.885
550	7.623	34.616	27.028	0.943
600	7.160	34.594	27.077	0.998
650	6.695	34.573	27.126	1.051
700	6.254	34.562	27.174	1.101
750	5.892	34.558	27.219	1.150
800	5.559	34.553	27.255	1.196
900	5.043	34.552	27.315	1.284
1000	4.678	34.557	27.360	1.368
1003	4.664	34.556	27.362	1.371

CAST GP8-95-D1 --010 DATE 05 SEP 95 TIME 0916 GMT
 LAT 04 00.0S LONG 125 00.0W WEATHER 2 SEA STATE 2
 BAROMETER 14 WIND DIR 100 T SPD 13 KT VISIBILITY 9
 CLOUD 6 AMOUNT 7 DRY 24.2 WET 22.2 DEPTH 4429 M



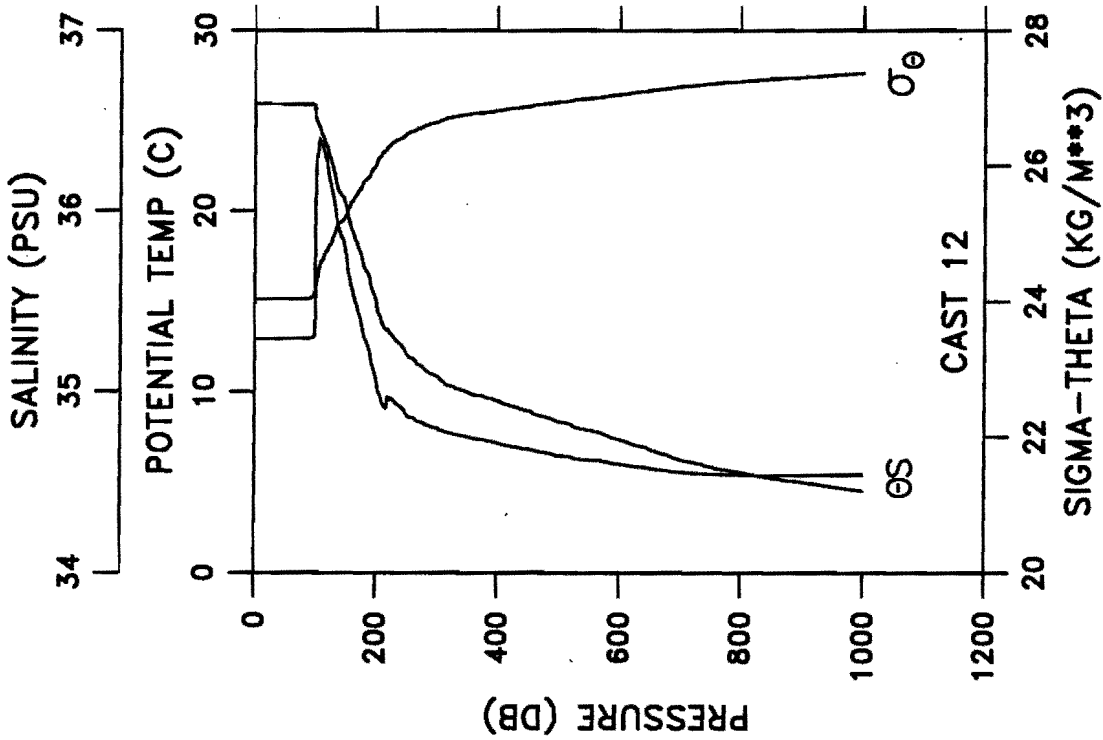
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.131	35.254	23.797	0.000
10	24.100	35.257	23.808	0.041
20	24.082	35.258	23.812	0.082
30	23.947	35.257	23.853	0.123
40	23.863	35.263	23.883	0.163
50	22.784	35.288	24.200	0.203
60	17.647	35.208	25.519	0.231
70	16.318	35.137	25.781	0.254
80	15.360	35.060	25.939	0.276
90	14.554	35.006	26.074	0.296
100	14.136	34.983	26.146	0.316
110	13.962	34.974	26.176	0.334
120	13.832	34.965	26.196	0.353
130	13.601	34.951	26.233	0.371
140	13.512	34.948	26.249	0.389
150	13.342	34.935	26.274	0.407
160	13.335	34.934	26.275	0.425
170	13.234	34.933	26.284	0.443
180	13.176	34.935	26.308	0.461
190	13.107	34.932	26.319	0.478
200	13.029	34.927	26.331	0.496
250	12.488	34.888	26.416	0.581
300	11.940	34.866	26.487	0.663
350	10.914	34.805	26.640	0.740
400	9.951	34.746	26.763	0.811
450	8.782	34.679	26.902	0.876
500	8.115	34.641	26.975	0.936
550	7.555	34.614	27.036	0.993
600	7.171	34.597	27.078	1.048
650	6.846	34.582	27.111	1.101
700	6.363	34.564	27.162	1.152
750	6.065	34.558	27.195	1.201
800	5.673	34.551	27.239	1.248
900	5.102	34.548	27.305	1.339
1000	4.619	34.550	27.362	1.423
1005	4.604	34.549	27.363	1.427

CAST GP6-85-DJ -011 DATE 05 SEP 95 TIME 1407 GMT
 LAT 04 54.6S LONG 124 58.4W WEATHER 1 SEA STATE 4
 BAROMETER 14 WIND DIR 100 T SPD 17 KT VISIBILITY 8
 CLOUD 8 AMOUNT 3 DRY 25.1 WET 22.0 DEPTH 4476 M



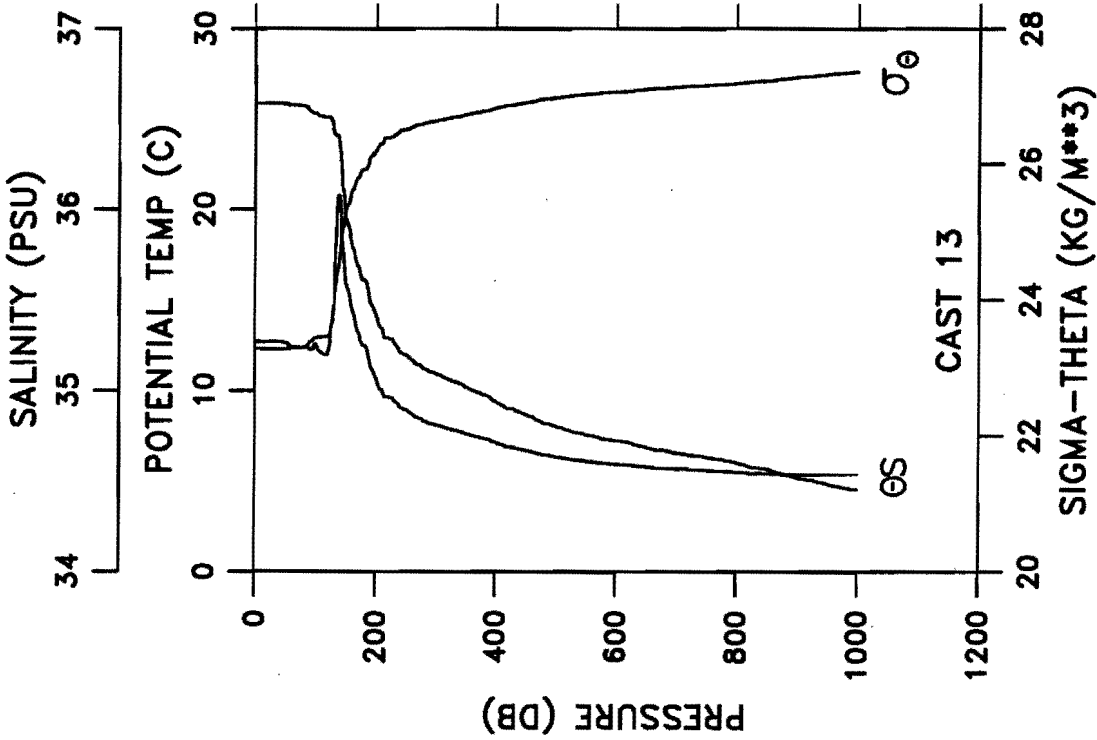
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.656	35.311	23.682	0.000
10	24.660	35.310	23.680	0.042
20	24.659	35.310	23.681	0.084
30	24.644	35.309	23.685	0.128
40	24.606	35.307	23.694	0.168
50	24.477	35.307	23.733	0.210
60	24.329	35.315	23.784	0.252
70	22.044	35.285	24.424	0.291
80	17.961	35.188	25.427	0.321
90	15.457	35.060	25.917	0.344
100	14.650	35.024	26.067	0.365
110	14.282	35.008	26.134	0.384
120	14.051	34.992	26.171	0.403
130	13.788	34.974	26.212	0.422
140	13.560	34.963	26.251	0.440
150	13.392	34.944	26.271	0.458
160	13.290	34.936	26.285	0.475
170	13.197	34.934	26.302	0.493
180	13.060	34.927	26.325	0.511
190	12.859	34.919	26.339	0.528
200	12.898	34.915	26.348	0.545
250	12.554	34.900	26.405	0.630
300	12.207	34.879	26.456	0.714
350	11.609	34.848	26.545	0.794
400	10.780	34.797	26.658	0.871
450	9.833	34.740	26.778	0.941
500	8.827	34.682	26.897	1.006
550	8.159	34.643	26.970	1.067
600	7.685	34.619	27.021	1.125
650	7.219	34.585	27.069	1.181
700	6.827	34.581	27.112	1.235
750	6.445	34.568	27.154	1.287
800	6.034	34.557	27.199	1.336
900	5.355	34.544	27.272	1.431
1000	4.741	34.542	27.342	1.519
1003	4.722	34.541	27.343	1.521

CAST GP8-95-D1 -012 DATE 08 SEP 95 TIME 0454 GMT
 LAT 08 00.7S LONG 125 00.4W WEATHER 1 SEA STATE 5
 BAROMETER 74 WIND DIR 095 T SPD 15 KT VISIBILITY 7
 CLOUD 6 AMOUNT 6 DRY 26.0 WET 23.0 DEPTH 4826 M



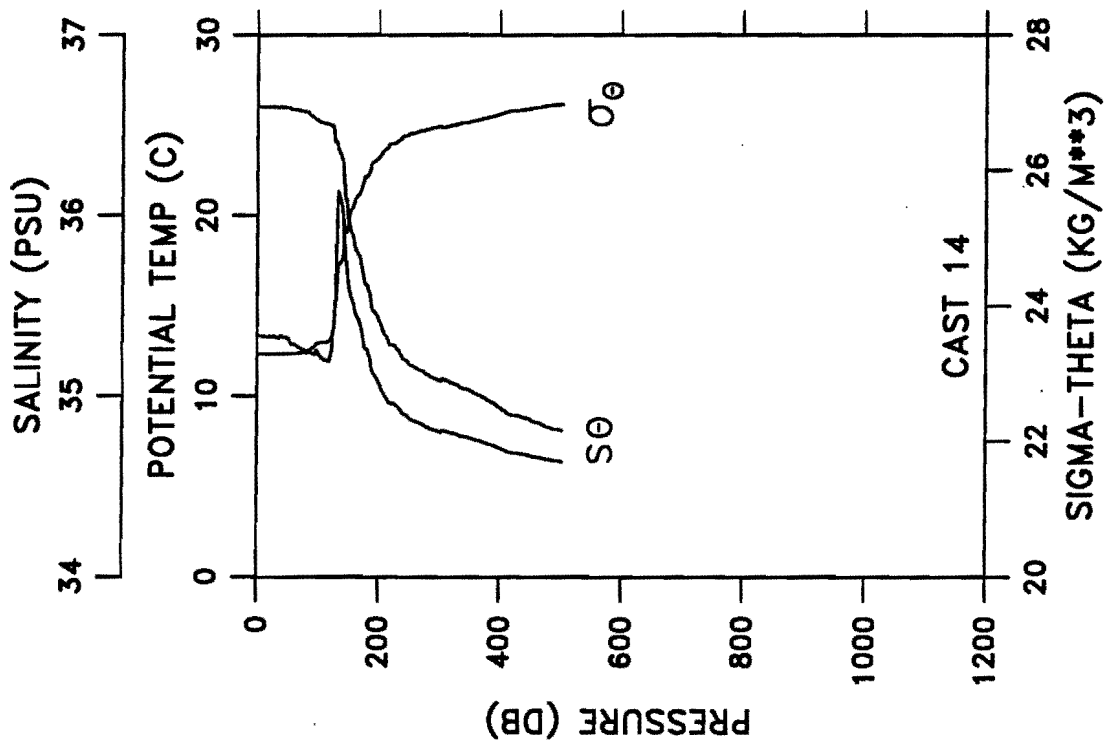
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.937	35.516	23.444	0.000
10	25.940	35.514	23.442	0.044
20	25.942	35.514	23.441	0.089
30	25.937	35.514	23.443	0.133
40	25.931	35.514	23.444	0.178
50	25.904	35.513	23.452	0.222
60	25.901	35.514	23.454	0.267
70	25.899	35.513	23.454	0.311
80	25.897	35.514	23.455	0.356
90	25.896	35.516	23.458	0.400
100	25.125	36.061	24.107	0.444
110	24.258	36.369	24.603	0.480
120	23.376	36.239	24.765	0.513
130	22.172	36.059	24.976	0.544
140	21.021	35.882	25.161	0.573
150	20.332	35.768	25.260	0.601
160	18.945	35.573	25.474	0.628
170	18.022	35.452	25.614	0.653
180	16.886	35.303	25.775	0.676
190	16.202	35.207	25.861	0.699
200	15.025	35.064	26.017	0.720
250	12.114	34.873	26.469	0.808
300	10.879	34.801	26.643	0.885
350	10.006	34.752	26.758	0.955
400	9.504	34.717	26.815	1.022
450	8.962	34.683	26.876	1.086
500	8.365	34.647	26.942	1.147
550	7.890	34.623	26.995	1.206
600	7.368	34.600	27.052	1.263
650	6.810	34.576	27.111	1.317
700	6.240	34.556	27.171	1.368
750	5.850	34.546	27.213	1.416
800	5.554	34.541	27.245	1.463
900	4.997	34.537	27.309	1.552
1000	4.501	34.541	27.367	1.636
1004	4.482	34.540	27.369	1.639

CAST GP8-95-D1-013 DATE 08 SEP 95 TIME 1240 GMT
 LAT 04 59.0S LONG 139 57.9W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 130 T SPD 11 KT VISIBILITY 8
 CLOUD 1 AMOUNT 6 DRY 26.7 WET 23.4 DEPTH 4283 M



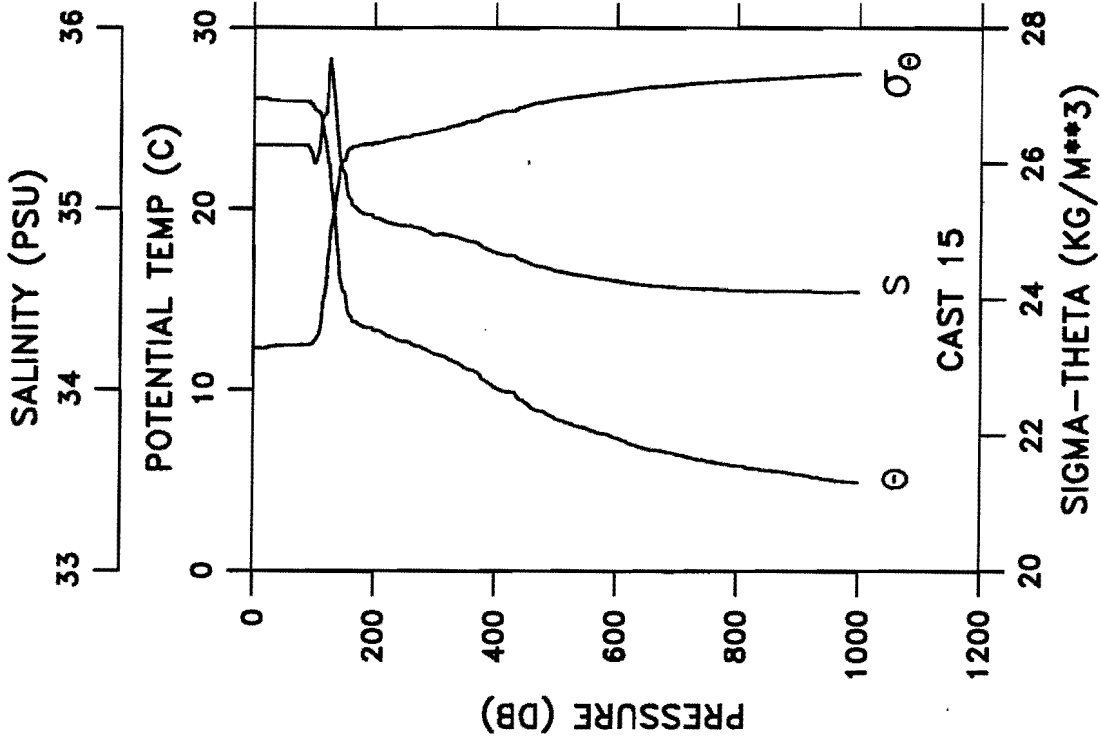
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.861	35.273	23.284	0.000
10	25.864	35.271	23.282	0.046
20	25.864	35.269	23.281	0.092
30	25.871	35.272	23.281	0.138
40	25.867	35.271	23.281	0.184
50	25.843	35.264	23.284	0.230
60	25.760	35.242	23.292	0.276
70	25.751	35.241	23.294	0.322
80	25.719	35.239	23.303	0.368
90	25.463	35.231	23.376	0.414
100	25.306	35.259	23.445	0.459
110	25.140	35.209	23.458	0.504
120	25.100	35.206	23.468	0.548
130	24.237	35.436	23.902	0.592
140	23.410	36.071	24.628	0.628
150	19.606	35.592	25.318	0.659
160	18.129	35.452	25.587	0.684
170	16.875	35.327	25.796	0.708
180	16.088	35.248	25.919	0.730
190	14.944	35.146	26.098	0.751
200	14.222	35.070	26.195	0.770
250	11.973	34.896	26.514	0.854
300	10.968	34.812	26.635	0.930
350	10.208	34.764	26.732	1.001
400	9.410	34.714	26.828	1.069
450	8.681	34.669	26.910	1.131
500	8.004	34.633	26.985	1.191
550	7.536	34.609	27.035	1.248
600	7.212	34.593	27.089	1.303
650	6.851	34.578	27.107	1.356
700	6.551	34.568	27.140	1.408
750	6.303	34.558	27.165	1.459
800	6.015	34.550	27.195	1.509
900	5.198	34.536	27.284	1.602
1000	4.526	34.540	27.364	1.687
1500	2.870	34.598	27.576	2.036
2000	2.175	34.635	27.665	2.318
2500	1.738	34.661	27.721	2.571
3000	1.464	34.676	27.753	2.805
3007	1.461	34.676	27.753	2.808

CAST GP8-95-DI -014 DATE 08 SEP 95 TIME 1331 GMT
 LAT 04 58.9S LONG 139 56.4W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 130 T SPD 14 KT VISIBILITY 8
 CLOUD 1 AMOUNT 5 DRY 26.5 WET 23.5 DEPTH 4284 M



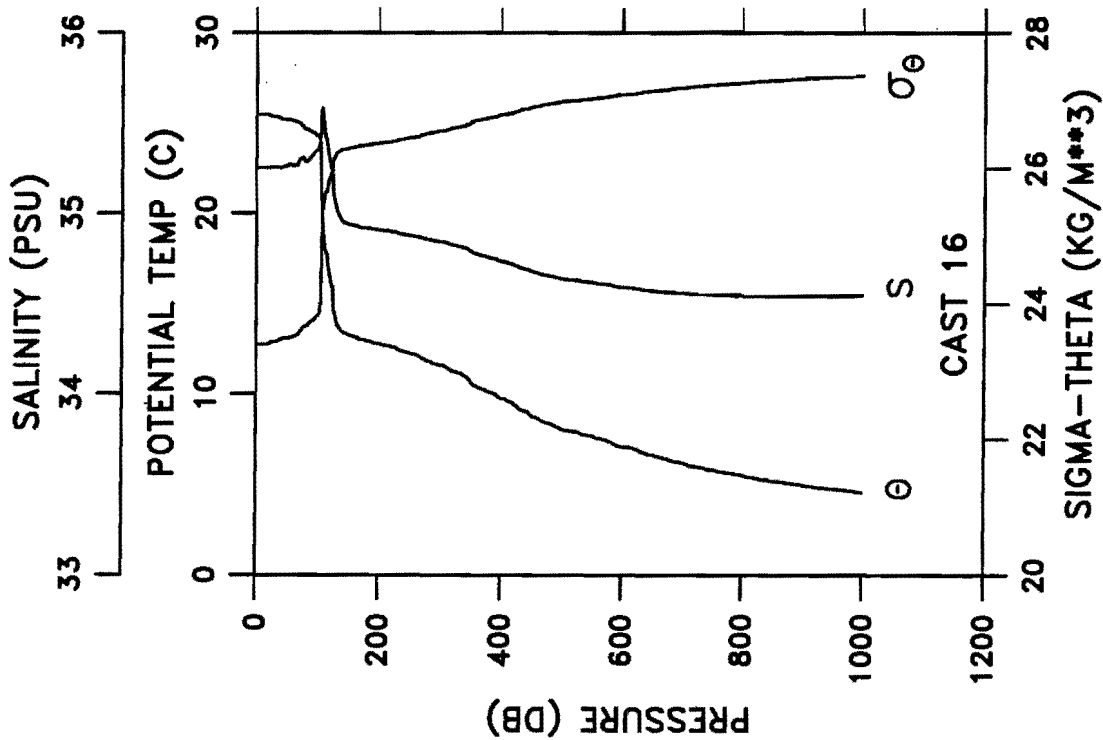
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.005	35.334	23.285	0.000
10	26.000	35.330	23.284	0.046
20	25.989	35.328	23.285	0.092
30	26.001	35.331	23.285	0.138
40	25.980	35.323	23.285	0.184
50	25.875	35.288	23.292	0.230
60	25.801	35.286	23.298	0.276
70	25.737	35.253	23.308	0.322
80	25.485	35.237	23.373	0.368
90	25.232	35.236	23.450	0.414
100	25.106	35.201	23.463	0.459
110	25.012	35.220	23.506	0.503
120	24.115	35.781	24.200	0.548
130	23.088	36.042	24.700	0.590
140	18.844	35.620	25.277	0.624
150	18.341	35.475	25.552	0.654
160	17.531	35.394	25.690	0.680
170	16.161	35.259	25.911	0.704
180	14.781	35.132	26.123	0.727
190	14.226	35.073	26.196	0.747
200	11.801	34.880	26.534	0.766
250	10.864	34.805	26.649	0.851
300	10.354	34.771	26.713	0.928
350	8.399	34.713	26.829	0.998
400	8.714	34.671	26.829	1.065
450	8.143	34.641	26.906	1.128
500	8.081	34.637	26.971	1.187
503			26.977	1.191

CAST GP6-95-D1 -015 DATE 09 SEP 95 TIME 0534 GMT
 LAT 04 00.0S LONG 139 59.9W WEATHER 1 SEA STATE 4
 BAROMETER 13 WIND DIR 095 T SPD 13 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 26.5 WET 24.0 DEPTH 4474 M



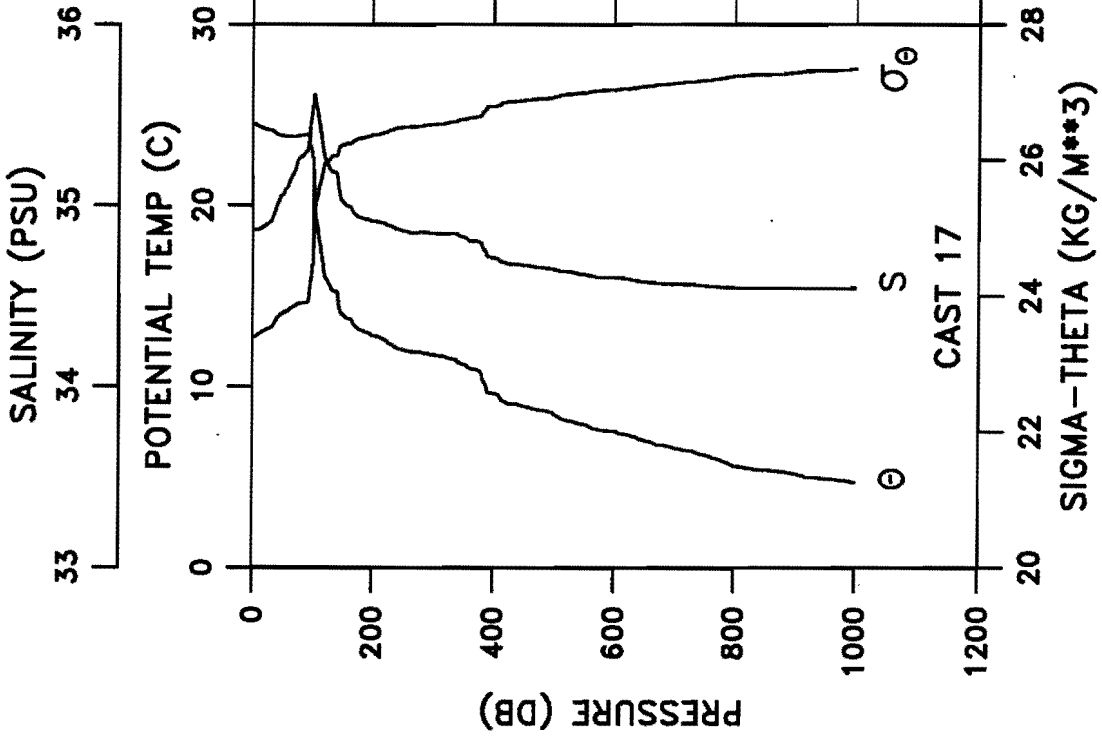
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.063	35.352	23.281	0.000
10	26.061	35.351	23.281	0.046
20	26.063	35.351	23.281	0.082
30	25.980	35.351	23.307	0.138
40	25.950	35.351	23.316	0.183
50	25.939	35.351	23.319	0.228
60	25.932	35.350	23.321	0.275
70	25.924	35.350	23.323	0.321
80	25.916	35.350	23.325	0.366
90	25.882	35.343	23.331	0.412
100	25.467	35.251	23.390	0.458
110	25.209	35.380	23.587	0.503
120	23.413	35.524	24.213	0.543
130	20.646	35.717	25.137	0.575
140	17.340	35.380	25.725	0.601
150	15.402	35.198	26.036	0.622
160	14.051	35.054	26.219	0.641
170	13.739	35.004	26.246	0.659
180	13.505	34.975	26.271	0.677
190	13.438	34.968	26.279	0.695
200	13.276	34.949	26.298	0.713
250	12.671	34.905	26.386	0.800
300	11.985	34.856	26.481	0.883
350	11.216	34.827	26.602	0.962
400	10.128	34.757	26.741	1.035
450	9.287	34.707	26.843	1.102
500	8.416	34.657	26.942	1.165
550	7.898	34.627	26.996	1.224
600	7.355	34.600	27.054	1.280
650	6.752	34.577	27.120	1.333
700	6.425	34.584	27.154	1.385
750	6.069	34.556	27.193	1.434
800	5.805	34.548	27.220	1.482
900	5.346	34.546	27.275	1.575
1000	4.899	34.540	27.322	1.663
1001	4.897	34.540	27.322	1.664

CAST CP8-95-DI -016 DATE 09 SEP 95 TIME 1017 GMT
 LAT 03 00.0S LONG 140 00.0W WEATHER 1 SEA STATE 2
 BAROMETER 12 WIND DIR 105 T SPD 13 KT VISIBILITY 9
 CLOUD 8 AMOUNT 4 DRY 26.0 WET 23.2 DEPTH 4416 M



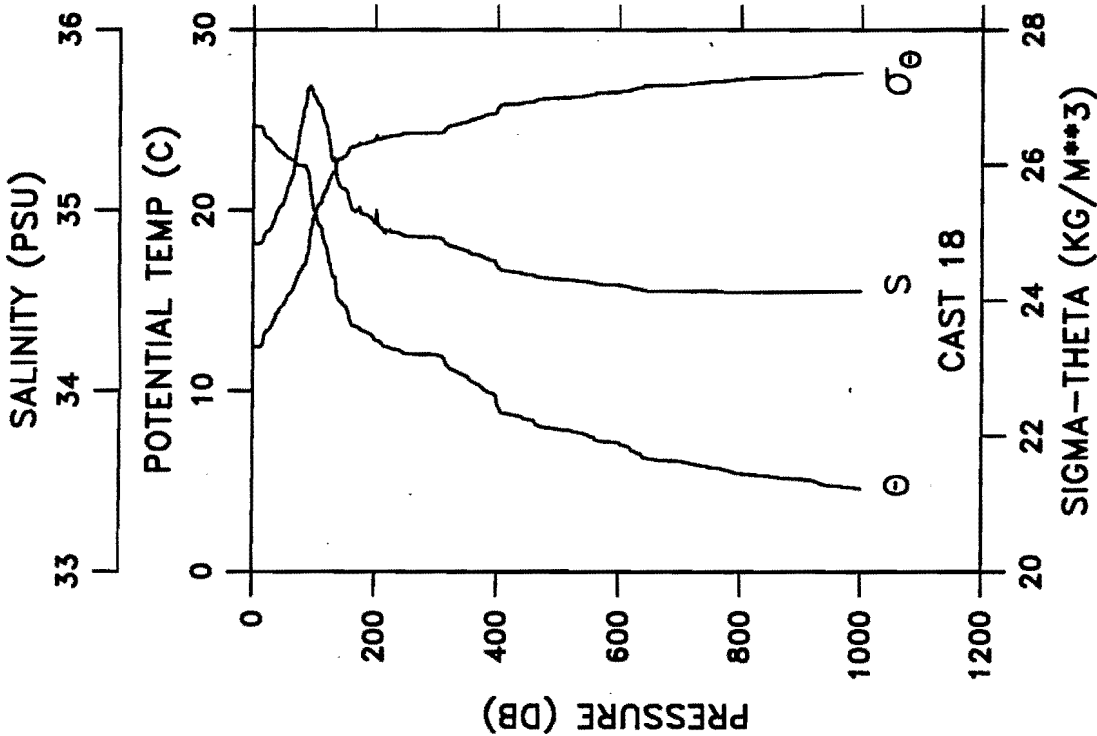
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.455	35.253	23.395	0.000
10	25.452	35.252	23.395	0.045
20	25.449	35.252	23.398	0.090
30	25.345	35.256	23.431	0.134
40	25.229	35.255	23.466	0.178
50	25.180	35.264	23.488	0.223
60	25.108	35.284	23.510	0.267
70	25.000	35.301	23.570	0.311
80	24.864	35.288	23.663	0.354
90	24.492	35.317	23.737	0.398
100	24.309	35.350	23.816	0.437
110	18.547	35.488	25.510	0.472
120	16.456	35.286	25.863	0.495
130	14.036	35.035	26.207	0.515
140	13.411	34.855	26.275	0.533
150	13.256	34.939	26.295	0.551
160	13.156	34.932	26.309	0.568
170	13.016	34.921	26.329	0.586
180	12.940	34.917	26.341	0.603
190	12.835	34.912	26.359	0.620
200	12.777	34.909	26.367	0.637
250	12.260	34.877	26.444	0.721
300	11.580	34.842	26.548	0.801
350	10.674	34.790	26.671	0.877
400	9.751	34.733	26.786	0.946
450	8.806	34.678	26.898	1.011
500	8.031	34.636	26.984	1.071
550	7.702	34.618	27.018	1.128
600	7.085	34.590	27.085	1.183
650	6.628	34.571	27.132	1.236
700	6.186	34.558	27.180	1.286
750	5.812	34.551	27.221	1.334
800	5.527	34.545	27.252	1.380
800	4.979	34.542	27.315	1.469
1000	4.569	34.546	27.365	1.552
1003	4.565	34.546	27.365	1.555

CAST 098-95-DI -017 DATE 10 SEP 95 TIME 0056 GMT
 LAT 01 59.15 LONG 140 00.00 WEATHER 0 SEA STATE 3
 BAROMETER 12 WIND DIR 090 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT 0 DRY 28.5 WET 25.0 DEPTH 4187 M



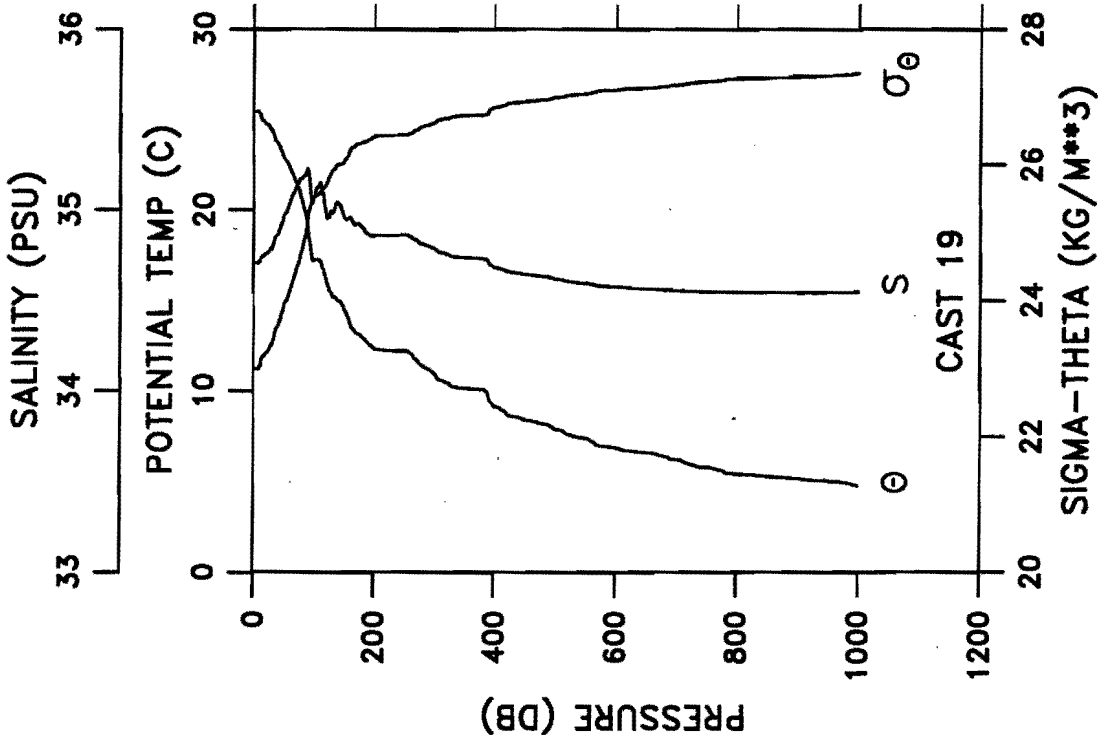
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.479	34.865	23.398	0.000
10	24.342	34.865	23.439	0.045
20	24.213	34.865	23.493	0.089
30	24.132	34.908	23.535	0.133
40	23.918	34.993	23.662	0.176
50	23.819	35.057	23.740	0.218
60	23.794	35.114	23.790	0.259
70	23.777	35.188	23.852	0.300
80	23.844	35.262	23.888	0.341
90	23.891	35.295	23.899	0.381
100	22.646	35.546	24.451	0.420
110	18.430	35.471	25.527	0.448
120	16.163	35.273	25.921	0.471
130	15.482	35.197	26.018	0.492
140	15.225	35.178	26.060	0.512
150	13.942	35.022	26.217	0.531
160	13.734	34.994	26.239	0.549
170	13.371	34.955	26.283	0.567
180	13.116	34.932	26.317	0.585
190	12.974	34.921	26.338	0.602
200	12.803	34.912	26.365	0.619
250	12.024	34.859	26.475	0.702
300	11.749	34.845	26.517	0.783
350	11.236	34.825	26.597	0.861
400	9.620	34.709	26.790	0.933
450	8.896	34.668	26.875	0.997
500	8.479	34.646	26.924	1.060
550	7.909	34.618	26.988	1.119
600	7.532	34.601	27.030	1.175
650	7.033	34.578	27.082	1.231
700	6.607	34.565	27.129	1.283
750	6.221	34.555	27.173	1.334
800	5.582	34.545	27.244	1.383
900	5.190	34.542	27.290	1.473
1000	4.686	34.544	27.349	1.559
2000	2.899	34.600	27.575	1.913
2500	2.144	34.641	27.673	2.195
3000	1.794	34.656	27.712	2.446
3005	1.451	34.671	27.750	2.681
3055	1.449	34.671	27.750	2.683

CAST GP6-95-DI -018 DATE 10 SEP 95 TIME 0655 GMT
 LAT 01 00.7S LONG 140 00.4W WEATHER 0 SEA STATE 4
 BAROMETER 14 WIND DIR 080 T SPD 08 KT VISIBILITY 8
 CLOUD 0 AMOUNT 0 DRY 25.0 WET 23.0 DEPTH 4270 M



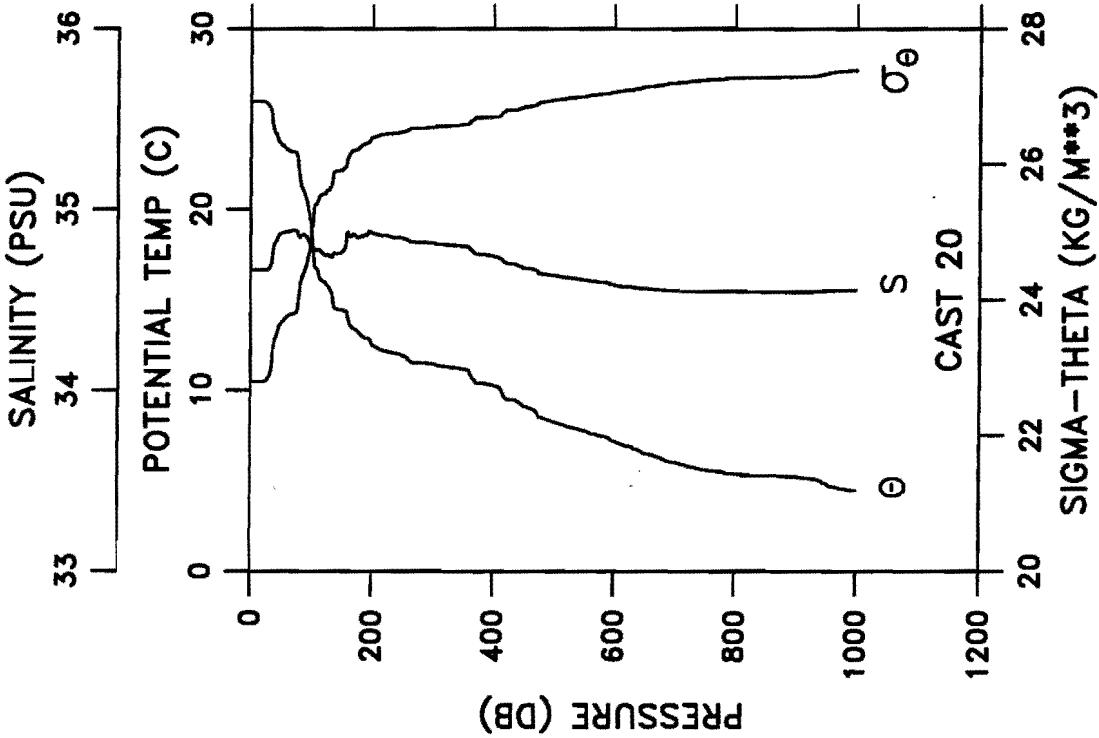
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.635	34.816	23.315	0.000
10	24.637	34.815	23.313	0.046
20	24.080	34.871	23.522	0.091
30	23.833	34.907	23.622	0.134
40	23.376	34.991	23.819	0.176
50	23.110	35.046	23.938	0.216
60	22.843	35.149	24.094	0.255
70	22.572	35.290	24.278	0.293
80	22.450	35.489	24.463	0.328
90	22.155	35.674	24.688	0.362
100	19.991	35.629	25.246	0.392
110	18.135	35.576	25.428	0.419
120	17.953	35.469	25.644	0.443
130	16.382	35.273	25.871	0.466
140	15.050	35.151	26.078	0.487
150	14.718	35.116	26.124	0.506
160	13.767	35.028	26.258	0.525
170	13.542	35.003	26.285	0.543
180	13.308	34.978	26.314	0.560
190	13.150	34.965	26.336	0.578
200	12.816	34.928	26.375	0.595
250	12.057	34.856	26.467	0.678
300	12.000	34.848	26.473	0.759
350	10.801	34.775	26.636	0.836
400	9.270	34.692	26.834	0.907
450	8.424	34.644	26.930	0.968
500	7.894	34.618	26.990	1.026
550	7.531	34.602	27.030	1.083
600	7.107	34.584	27.077	1.138
650	6.233	34.553	27.170	1.189
700	6.112	34.552	27.184	1.238
750	5.746	34.550	27.229	1.286
800	5.413	34.547	27.267	1.332
900	5.123	34.545	27.500	1.420
1000	4.584	34.551	27.366	1.504
1003	4.582	34.550	27.366	1.507

CAST GP6-95-D1 -019 DATE 10 SEP 95 TIME 1300 GMT
 LAT 00 02.0N LONG 140 02.0W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 095 T SPD 17 KT VISIBILITY 8
 CLOUD 8 AMOUNT 7 DRY 25.1 WET 22.0 DEPTH 4314 M



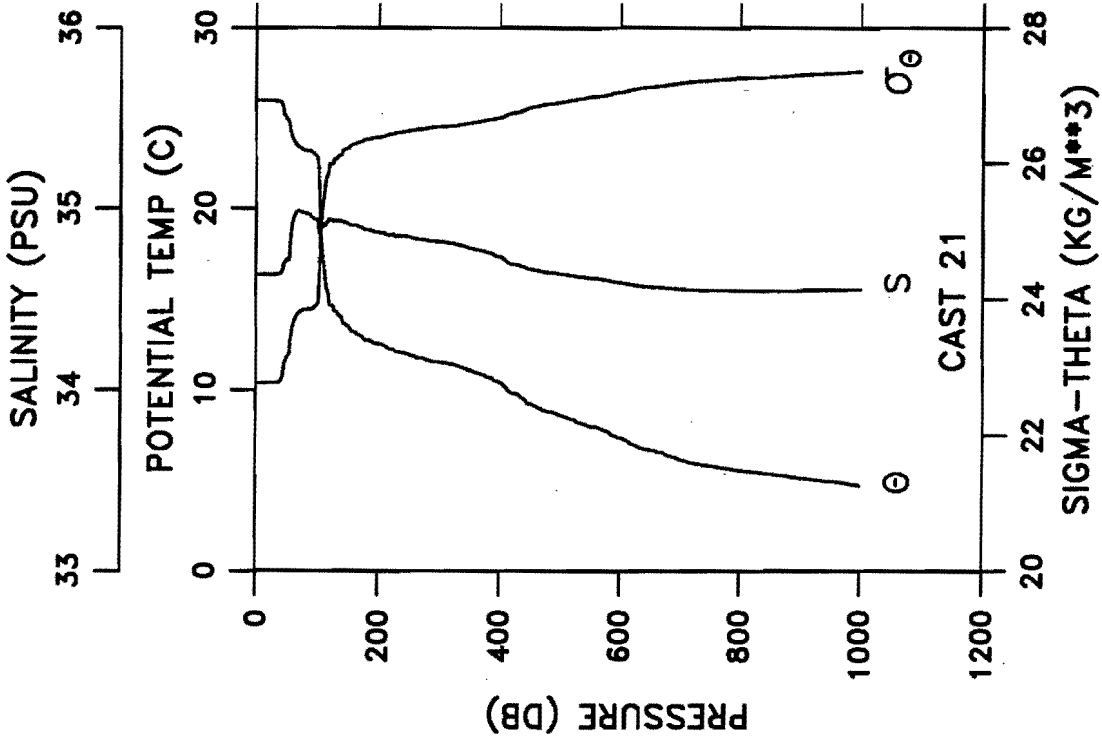
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.420	34.711	22.996	0.000
10	25.336	34.715	23.025	0.049
20	24.760	34.759	23.234	0.098
30	24.468	34.785	23.341	0.142
40	23.698	34.864	23.629	0.185
50	22.866	34.966	23.948	0.227
60	22.335	35.039	24.154	0.266
70	21.551	35.120	24.435	0.302
80	20.585	35.175	24.741	0.336
90	18.981	35.230	25.203	0.366
100	17.221	35.068	25.515	0.392
110	17.204	35.152	25.583	0.417
120	16.166	34.984	25.698	0.441
130	15.248	34.981	25.903	0.463
140	14.991	35.036	26.003	0.484
150	14.463	34.957	26.052	0.504
160	13.681	34.958	26.222	0.523
170	13.198	34.925	26.285	0.541
180	12.973	34.902	26.323	0.559
190	12.850	34.867	26.360	0.576
200	12.358	34.854	26.407	0.593
250	12.230	34.863	26.439	0.676
300	10.994	34.788	26.612	0.754
350	10.162	34.736	26.718	0.825
400	9.164	34.684	26.845	0.894
450	8.433	34.645	26.830	0.956
500	7.897	34.619	26.990	1.015
550	7.410	34.598	27.043	1.072
600	6.886	34.576	27.101	1.125
650	6.611	34.566	27.130	1.177
700	6.228	34.556	27.172	1.227
750	5.781	34.550	27.225	1.275
800	5.417	34.547	27.267	1.321
900	5.167	34.544	27.295	1.410
1000	4.756	34.548	27.345	1.497
1500	3.000	34.599	27.565	1.853
2000	2.189	34.636	27.665	2.136
2500	1.745	34.659	27.718	2.388
3000	1.494	34.671	27.747	2.623
3500	1.250	34.684	27.774	2.850
4000	1.093	34.692	27.792	3.067
4074	1.087	34.692	27.792	3.100

CAST GP8-95-DI -020 DATE 11 SEP 95 TIME 1407 GMT
 LAT 00 59.9N LONG 140 00.1W WEATHER 0 SEA STATE 5
 BAROMETER 29 WIND DIR 115 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.0 WET 21.3 DEPTH 4311 M



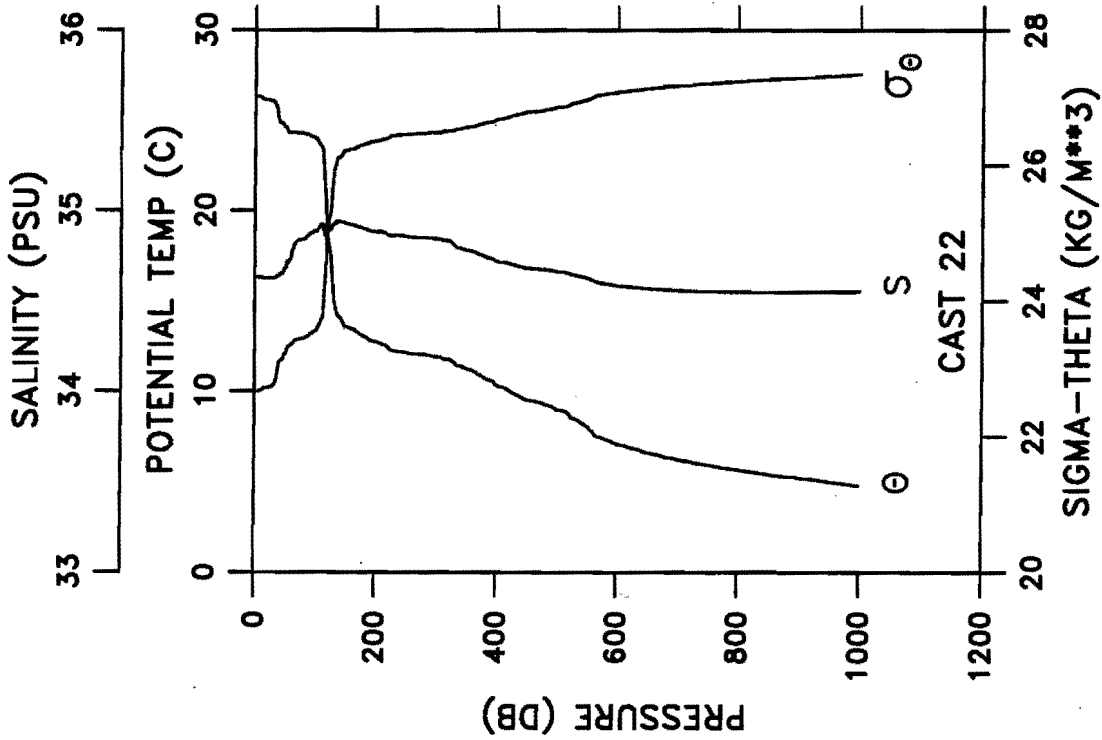
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.976	34.666	22.791	0.000
10	25.867	34.668	22.793	0.051
20	25.963	34.665	22.794	0.101
30	25.725	34.673	22.874	0.152
40	24.253	34.814	23.428	0.199
50	23.616	34.866	23.655	0.243
60	23.287	34.877	23.759	0.285
70	23.195	34.883	23.790	0.326
80	22.134	34.850	24.068	0.367
90	20.722	34.854	24.459	0.403
100	18.674	34.794	24.947	0.436
110	16.674	34.776	25.420	0.464
120	16.002	34.755	25.559	0.488
130	15.593	34.741	25.642	0.513
140	14.483	34.754	25.895	0.535
150	14.423	34.761	25.914	0.557
160	13.992	34.875	26.093	0.577
170	13.403	34.863	26.205	0.598
180	13.115	34.849	26.253	0.615
190	12.868	34.857	26.309	0.632
200	12.493	34.870	26.394	0.650
250	11.904	34.840	26.484	0.732
300	11.464	34.814	26.546	0.810
350	11.164	34.796	26.588	0.887
400	10.276	34.741	26.703	0.960
450	9.146	34.676	26.841	1.027
500	8.277	34.635	26.946	1.089
550	7.771	34.611	27.002	1.148
600	7.180	34.582	27.065	1.204
650	6.516	34.563	27.140	1.257
700	5.999	34.551	27.198	1.306
750	5.596	34.547	27.245	1.353
800	5.365	34.546	27.272	1.398
800	5.199	34.544	27.290	1.487
1000	4.429	34.554	27.386	1.571
1004	4.415	34.554	27.387	1.574

CAST GP6-95-DI -021 DATE 11 SEP 95 TIME 1944 GMT
 LAT 02 02.2N LONG 140 02.0W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 120 T SPD 15 KT VISIBILITY 9
 CLOUD 8 AMOUNT 3 DRY 27.6 WET 23.0 DEPTH 4374 M



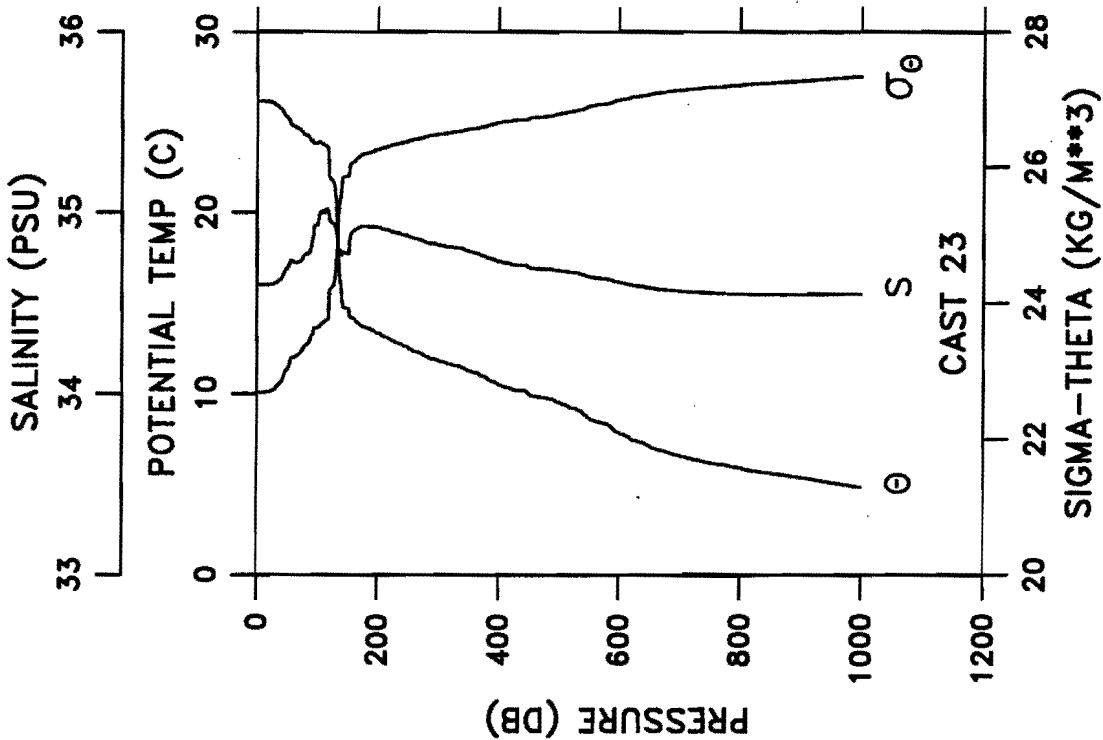
PRES (DB)	POT TEMP (C)	SAL (PSU)	SGK-TH	DELTA-D (DYN-M)
0	25.989	34.639	22.766	0.000
10	25.983	34.637	22.767	0.051
20	25.974	34.638	22.770	0.102
30	25.960	34.638	22.775	0.152
40	25.878	34.645	22.805	0.203
50	24.955	34.723	23.148	0.252
60	23.915	34.925	23.611	0.298
70	23.403	34.989	23.810	0.340
80	23.227	34.976	23.851	0.380
90	23.159	34.859	23.858	0.421
100	22.836	34.939	23.836	0.462
110	16.986	34.909	25.446	0.494
120	14.702	34.942	25.993	0.517
130	14.335	34.936	26.067	0.537
140	13.983	34.929	26.134	0.556
150	13.539	34.918	26.221	0.575
160	13.201	34.909	26.282	0.593
170	12.987	34.898	26.317	0.610
180	12.749	34.883	26.353	0.628
190	12.631	34.876	26.371	0.645
200	12.543	34.869	26.383	0.662
250	11.948	34.844	26.478	0.744
300	11.529	34.818	26.537	0.823
350	11.076	34.784	26.594	0.901
400	10.416	34.733	26.672	0.975
450	9.229	34.666	26.820	1.044
500	8.597	34.639	26.900	1.108
550	7.978	34.615	26.975	1.169
600	7.359	34.592	27.047	1.226
650	6.657	34.568	27.126	1.279
700	6.145	34.556	27.183	1.330
750	5.790	34.549	27.223	1.378
800	5.522	34.546	27.254	1.424
900	5.112	34.547	27.303	1.514
1000	4.679	34.553	27.357	1.598
1500	2.975	34.604	27.571	1.956
2000	2.174	34.639	27.669	2.240
2500	1.669	34.664	27.728	2.485
3000	1.501	34.672	27.747	2.719
3004	1.500	34.672	27.747	2.721

CAST GP8-95-DI -022 DATE 12 SEP 95 TIME 0049 GMT
 LAT 03 00.2N LONG 140 00.2W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 120 T SPD 14 KT VISIBILITY 9
 CLOUD 8 AMOUNT 2 DRY 28.0 WET 22.8 DEPTH 4302 M



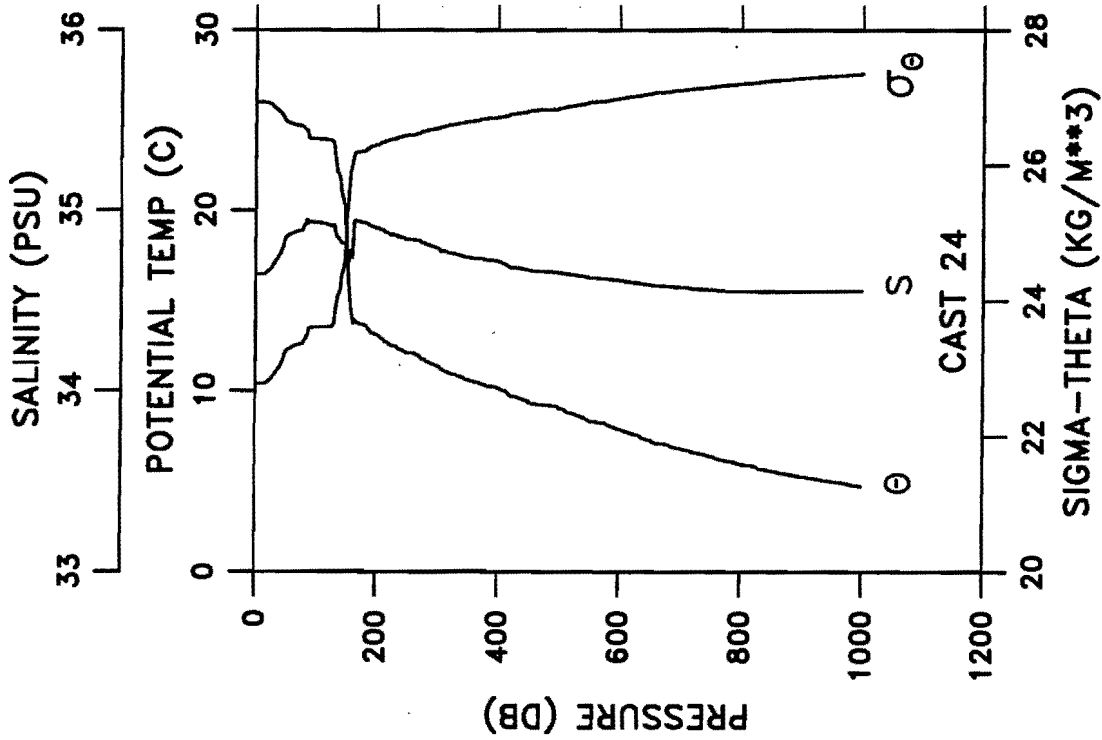
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.308	34.633	22.662	0.000
10	26.240	34.630	22.681	0.052
20	26.111	34.627	22.719	0.103
30	26.008	34.625	22.750	0.154
40	24.897	34.646	23.107	0.204
50	24.602	34.681	23.222	0.252
60	24.327	34.748	23.355	0.287
70	24.289	34.830	23.429	0.342
80	24.248	34.839	23.448	0.387
90	24.141	34.869	23.502	0.432
100	24.001	34.886	23.557	0.476
110	23.529	34.922	23.723	0.518
120	18.589	34.897	25.048	0.556
130	15.314	34.921	25.843	0.582
140	14.096	34.937	26.118	0.602
150	13.604	34.928	26.215	0.621
160	13.457	34.920	26.239	0.639
170	13.259	34.909	26.271	0.657
180	13.030	34.898	26.308	0.675
190	12.836	34.886	26.336	0.693
200	12.732	34.881	26.355	0.710
250	12.143	34.855	26.450	0.793
300	11.911	34.843	26.484	0.874
350	11.259	34.781	26.558	0.954
400	10.341	34.719	26.674	1.029
450	9.514	34.681	26.785	1.100
500	8.983	34.662	26.857	1.166
550	8.074	34.625	26.969	1.228
600	7.084	34.584	27.079	1.284
650	6.613	34.569	27.132	1.337
700	6.254	34.559	27.172	1.387
750	5.949	34.553	27.206	1.436
800	5.675	34.550	27.238	1.483
900	5.219	34.548	27.282	1.574
1000	4.793	34.552	27.344	1.660
1098	4.766	34.552	27.347	1.668

CAST GP8-95-DI -023 DATE 12 SEP 95 TIME 0520 GMT
 LAT 04 00.0N LONG 139 59.9W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 130 T SPD 15 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 26.0 WET 22.5 DEPTH 4349 M



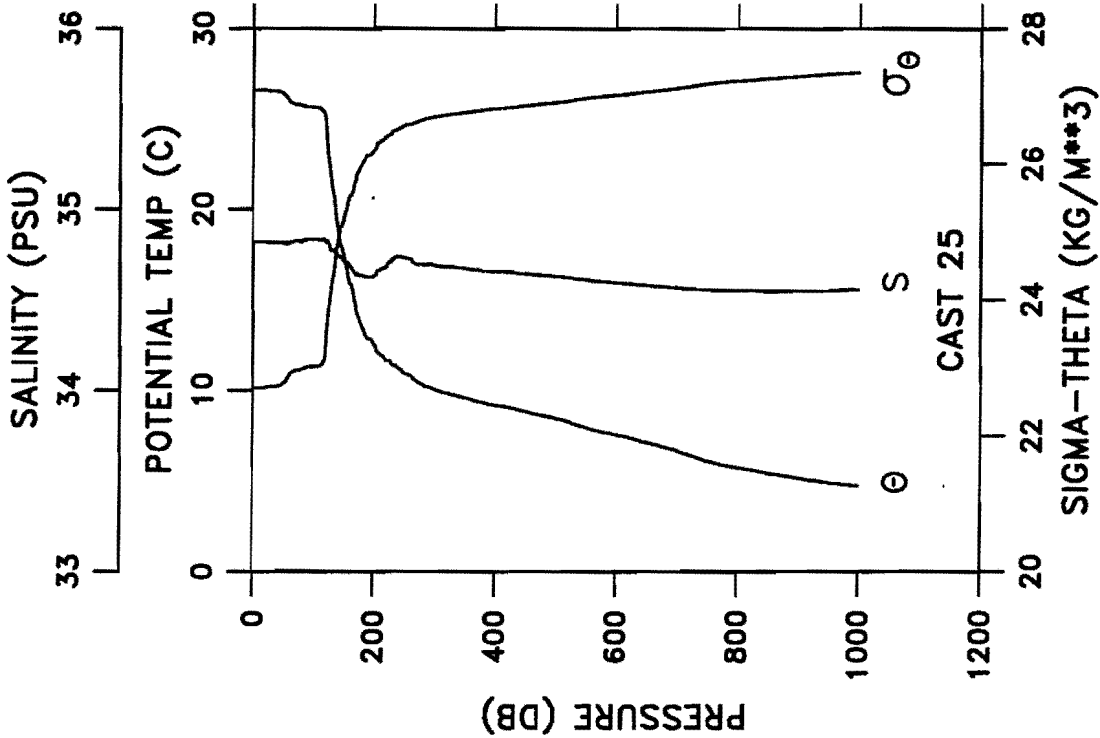
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.149	34.803	22.990	0.000
10	26.143	34.803	22.991	0.052
20	26.137	34.803	22.993	0.103
30	25.983	34.610	22.747	0.154
40	25.731	34.632	22.841	0.205
50	25.277	34.689	23.024	0.254
60	24.782	34.729	23.204	0.302
70	24.604	34.728	23.258	0.349
80	24.289	34.768	23.382	0.395
90	23.941	34.802	23.511	0.439
100	23.834	34.931	23.640	0.483
110	23.775	35.003	23.712	0.525
120	22.053	34.962	24.176	0.567
130	20.955	34.912	24.441	0.604
140	15.466	34.766	25.889	0.632
150	14.709	34.773	25.861	0.654
160	14.157	34.888	26.076	0.675
170	13.838	34.919	26.159	0.694
180	13.649	34.923	26.201	0.713
190	13.525	34.921	26.225	0.731
200	13.337	34.917	26.261	0.749
250	12.560	34.871	26.381	0.837
300	11.800	34.820	26.488	0.920
350	11.265	34.785	26.581	0.999
400	10.503	34.732	26.656	1.075
450	9.999	34.689	26.718	1.148
500	9.538	34.681	26.781	1.217
550	8.657	34.648	26.887	1.283
600	7.865	34.615	26.992	1.344
650	7.155	34.587	27.072	1.401
700	6.591	34.569	27.135	1.453
750	6.171	34.558	27.182	1.504
800	5.910	34.553	27.211	1.553
900	5.361	34.548	27.275	1.646
1000	4.851	34.553	27.338	1.733
1007	4.822	34.554	27.342	1.739

CAST GP8-95-DI-024 DATE 12 SEP 95 TIME 1505 GMT
 LAT 05 00.6N LONG 139 55.2W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 145 T SPD 13 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 26.0 WET 22.9 DEPTH 4469 M



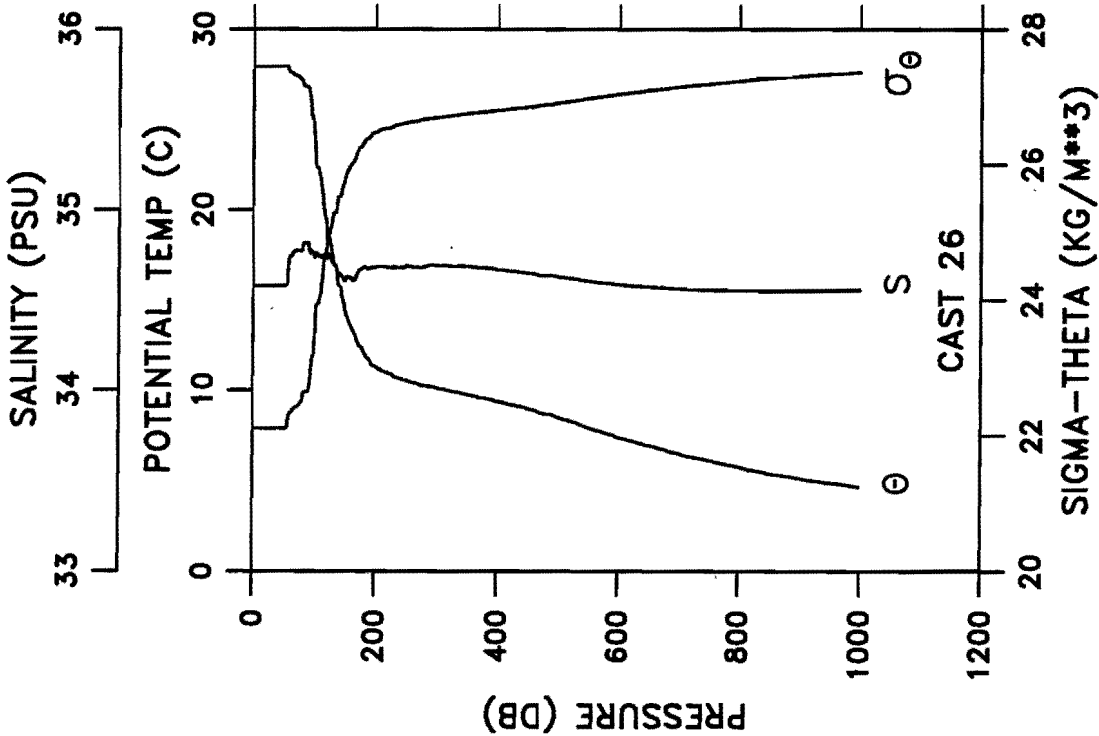
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.989	34.648	22.773	0.000
10	25.979	34.646	22.775	0.051
20	25.925	34.660	22.803	0.101
30	25.711	34.702	22.900	0.152
40	25.439	34.753	23.023	0.201
50	24.918	34.851	23.255	0.248
60	24.775	34.872	23.314	0.294
70	24.690	34.884	23.349	0.340
80	23.976	34.937	23.603	0.385
100	23.951	34.933	23.607	0.430
110	23.935	34.929	23.609	0.516
120	23.891	34.919	23.614	0.559
130	23.618	34.916	23.692	0.602
140	21.682	34.832	24.181	0.642
150	18.665	34.761	24.924	0.677
160	13.994	34.737	25.986	0.701
170	13.762	34.838	26.190	0.720
180	13.638	34.931	26.210	0.738
190	13.259	34.914	26.275	0.757
200	13.097	34.902	26.298	0.774
250	12.116	34.840	26.443	0.860
300	11.383	34.790	26.543	0.840
350	10.632	34.739	26.639	1.015
400	10.161	34.717	26.704	1.088
450	9.379	34.668	26.797	1.157
500	9.052	34.653	26.839	1.223
550	8.338	34.627	26.930	1.286
600	7.903	34.612	26.984	1.347
650	7.299	34.589	27.054	1.404
700	6.832	34.574	27.107	1.458
750	6.396	34.561	27.155	1.510
800	5.965	34.551	27.203	1.559
900	5.289	34.550	27.284	1.652
1000	4.735	34.555	27.353	1.739
1012	4.684	34.555	27.358	1.748

CAST GP6-95-DI -025 DATE 13 SEP 95 TIME 0908 GMT
 LAT 06 00.1N LONG 140 00.0W WEATHER 1 SEA STATE 4
 BAROMETER 13 WIND DIR 140 T SPD 10 KT VISIBILITY 9
 CLOUD 2 AMOUNT 4 DRY 26.3 WET 24.0 DEPTH 4818 M



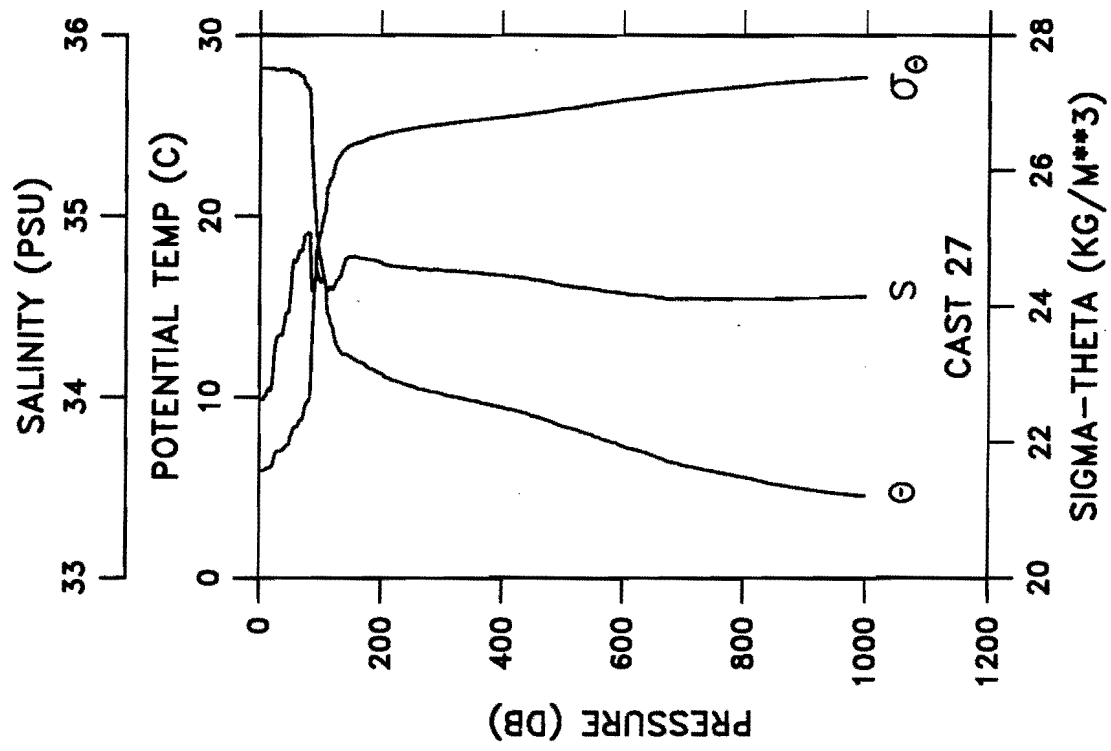
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.611	34.822	22.709	0.000
10	26.617	34.821	22.707	0.051
20	26.596	34.820	22.712	0.103
30	26.544	34.819	22.728	0.154
40	26.524	34.818	22.734	0.205
50	26.365	34.813	22.780	0.257
60	25.980	34.816	22.903	0.307
70	25.810	34.826	22.863	0.356
80	25.752	34.821	22.977	0.406
90	25.667	34.834	23.013	0.455
100	25.643	34.835	23.022	0.503
110	25.806	34.832	23.031	0.552
120	24.952	34.830	23.229	0.600
130	21.615	34.771	24.153	0.642
140	18.973	34.743	24.833	0.677
150	17.589	34.719	25.158	0.707
160	15.921	34.685	25.524	0.733
170	14.678	34.639	25.765	0.757
180	13.562	34.634	25.982	0.779
190	12.865	34.625	26.130	0.799
200	12.574	34.631	26.192	0.818
250	10.983	34.735	26.572	0.901
300	10.083	34.693	26.698	0.973
350	9.623	34.675	26.762	1.042
400	9.202	34.658	26.818	1.109
450	8.863	34.644	26.862	1.173
500	8.471	34.630	26.912	1.236
550	7.980	34.611	26.972	1.296
600	7.558	34.595	27.021	1.354
650	7.137	34.580	27.069	1.409
700	6.697	34.568	27.120	1.463
750	6.096	34.556	27.190	1.513
800	5.741	34.553	27.232	1.561
900	5.160	34.550	27.300	1.652
1000	4.732	34.555	27.353	1.737
1005	4.721	34.556	27.355	1.741

CAST GP8-95-D1 --026 DATE 13 SEP 95 TIME 1415 GMT
 LAT 06 59.6N LONG 139 59.7W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 160 T SPD 07 KT VISIBILITY 8
 CLOUD 7 AMOUNT 6 DRY 27.0 WET 23.0 DEPTH 4958 M



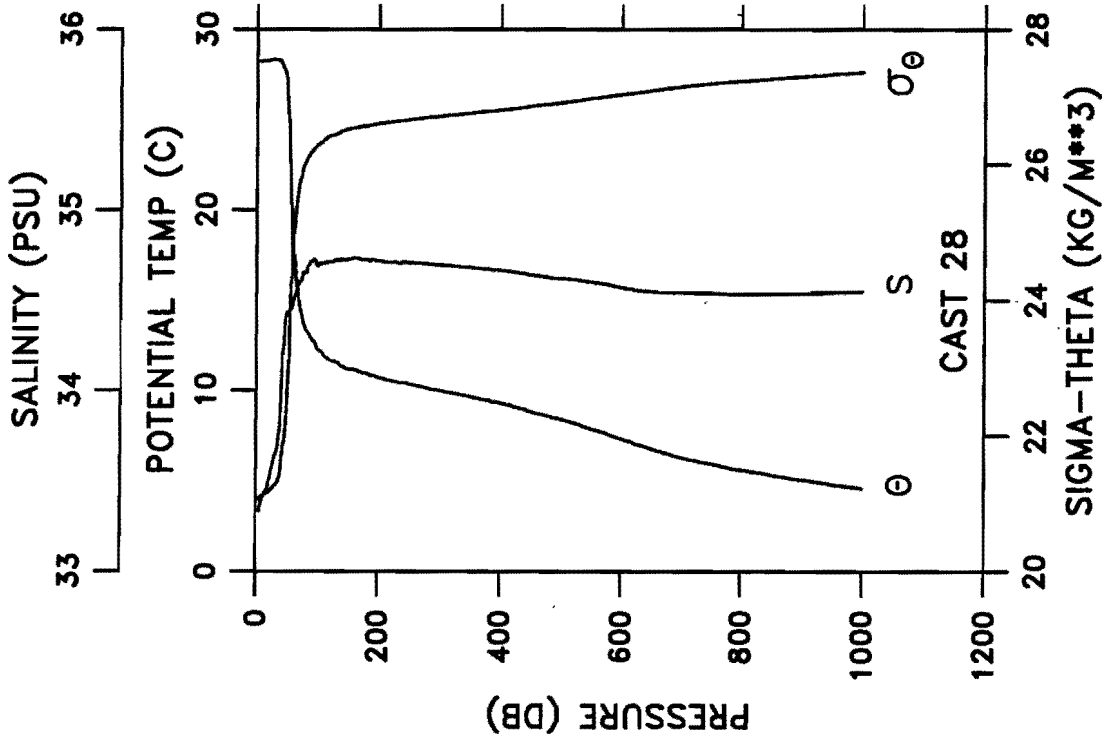
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.917	34.580	22.108	0.000
10	27.930	34.578	22.102	0.057
20	27.929	34.578	22.103	0.114
30	27.929	34.578	22.103	0.172
40	27.925	34.578	22.105	0.229
50	27.926	34.579	22.104	0.286
60	27.609	34.740	22.329	0.343
70	27.400	34.773	22.421	0.398
80	27.120	34.776	22.512	0.452
90	26.752	34.814	22.659	0.504
100	24.264	34.735	23.364	0.554
110	21.851	34.740	24.063	0.594
120	19.258	34.735	24.754	0.629
130	17.339	34.708	25.211	0.659
140	15.804	34.647	25.522	0.686
150	14.452	34.807	25.788	0.710
160	13.533	34.621	25.991	0.731
170	12.743	34.638	26.164	0.751
180	12.176	34.678	26.306	0.769
190	11.694	34.676	26.396	0.786
200	11.319	34.890	26.468	0.802
250	10.537	34.887	26.615	0.879
300	10.133	34.889	26.687	0.951
350	9.763	34.885	26.746	1.021
400	9.382	34.868	26.797	1.088
450	8.986	34.848	26.845	1.153
500	8.500	34.828	26.906	1.217
550	7.938	34.804	26.972	1.277
600	7.389	34.584	27.037	1.335
650	6.941	34.572	27.090	1.389
700	6.506	34.563	27.142	1.442
750	6.138	34.556	27.184	1.492
800	5.771	34.552	27.228	1.540
900	5.134	34.550	27.303	1.630
1000	4.665	34.554	27.360	1.715
1006	4.657	34.554	27.361	1.720

CAST GP6-95-DI -027 DATE 13 SEP 95 TIME 1852 GMT
 LAT 07 59.9N LONG 139 58.7W WEATHER 1 SEA STATE 2
 BAROMETER 14 WIND DIR 180 T SPD 06 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 28.0 WET 25.3 DEPTH 5134 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-D (DTN-M)
0	28.160	33.990	21.585	0.000
10	28.160	34.010	21.600	0.062
20	28.159	34.070	21.646	0.124
30	28.092	34.336	21.867	0.184
40	28.110	34.385	21.899	0.244
50	27.934	34.542	22.074	0.302
60	27.941	34.749	22.227	0.359
70	27.747	34.810	22.336	0.415
80	27.078	34.906	22.624	0.468
90	20.586	34.650	24.340	0.514
100	17.661	34.640	25.080	0.546
110	15.263	34.567	25.581	0.573
120	13.785	34.596	25.920	0.595
130	12.636	34.657	26.200	0.614
140	12.402	34.752	26.320	0.632
150	12.210	34.774	26.374	0.649
160	11.998	34.773	26.414	0.666
170	11.866	34.766	26.433	0.682
180	11.618	34.760	26.476	0.698
180	11.465	34.755	26.500	0.714
200	11.308	34.744	26.521	0.730
250	10.608	34.712	26.622	0.805
300	10.205	34.701	26.683	0.877
350	9.808	34.688	26.742	0.947
400	9.465	34.674	26.788	1.015
450	8.978	34.650	26.848	1.080
500	8.408	34.618	26.912	1.143
550	7.880	34.597	26.975	1.204
600	7.281	34.574	27.044	1.261
650	6.770	34.555	27.100	1.315
700	6.225	34.542	27.162	1.366
750	5.907	34.541	27.202	1.415
800	5.571	34.542	27.244	1.463
800	4.919	34.547	27.326	1.551
1000	4.528	34.555	27.375	1.633
1002	4.519	34.554	27.376	1.635

CAST GP6-95-D1 -028 DATE 14 SEP 95 TIME 0227 GMT
 LAT 09 03.3N LONG 140 15.0W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 010 T SPD 07 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 30.0 WET 25.0 DEPTH 4869 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.237	33.337	21.069	0.000
10	28.251	33.407	21.117	0.067
20	28.293	33.495	21.170	0.133
30	28.321	33.638	21.268	0.199
40	28.176	33.856	21.479	0.264
50	28.637	34.420	22.398	0.323
60	18.330	34.491	24.802	0.366
70	14.842	34.595	25.695	0.393
80	13.488	34.653	26.024	0.414
90	12.906	34.712	26.189	0.433
100	12.301	34.692	26.293	0.451
110	11.961	34.704	26.367	0.469
120	11.698	34.710	26.422	0.485
130	11.588	34.723	26.452	0.501
140	11.354	34.727	26.498	0.517
150	11.191	34.725	26.527	0.533
160	11.154	34.734	26.541	0.548
170	11.012	34.726	26.560	0.563
180	10.958	34.725	26.569	0.578
190	10.832	34.725	26.592	0.593
200	10.709	34.716	26.607	0.608
250	10.334	34.704	26.664	0.680
300	10.006	34.693	26.712	0.750
350	9.665	34.681	26.760	0.819
400	9.302	34.665	26.807	0.886
450	8.825	34.640	26.864	0.950
500	8.412	34.619	26.913	1.013
550	7.872	34.600	26.979	1.073
600	7.315	34.570	27.036	1.130
650	6.776	34.549	27.094	1.185
700	6.286	34.541	27.153	1.237
750	5.949	34.539	27.195	1.286
800	5.608	34.532	27.232	1.334
900	5.071	34.538	27.301	1.424
1000	4.583	34.548	27.364	1.508
1500	2.941	34.597	27.569	1.862
2000	2.042	34.639	27.679	2.140
2500	1.681	34.662	27.726	2.383
3000	1.469	34.672	27.749	2.617
3003	1.468	34.672	27.749	2.618

CAST GP6-95-DI -001 LAT 05 11.0N LONG 124 53.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	25.005	34.476	25.003	22.944	10.	25.192	34.401	25.190	22.833
75.	22.920	34.737	22.905	23.753	75.	22.498	34.749	22.483	23.888
150.	22.391	34.875	22.361	24.015	151.	14.458	34.927	14.436	26.040
199.	13.550	34.628	13.522	25.992	200.	13.449	34.913	13.421	26.237
300.	10.347	34.683	10.311	26.644	300.	12.060	34.828	12.021	26.445
402.	9.581	34.674	9.535	26.768	401.	10.348	34.715	10.300	26.670
500.	8.822	34.646	8.767	26.870	500.	8.344	34.625	8.292	26.929
600.	7.765	34.609	7.704	27.000	590.	7.196	34.585	7.138	27.064
700.	6.598	34.572	6.532	27.134	699.	6.291	34.556	6.227	27.166
800.	5.924	34.558	5.852	27.212	799.	5.581	34.547	5.512	27.248
900.	5.404	34.558	5.327	27.275	901.	5.076	34.551	5.001	27.310
1001.	4.856	34.562	4.773	27.342	1000.	4.690	34.556	4.609	27.359

CAST GP6-95-DI -002 LAT 04 00.7N LONG 125 00.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	25.311	34.369	25.309	22.772	10.	24.183	34.500	24.181	23.212
73.	23.843	34.625	23.828	23.397	74.	20.826	34.810	20.812	24.378
150.	15.243	34.915	15.221	25.852	149.	14.044	34.930	14.023	26.123
198.	13.745	34.919	13.717	26.180	199.	13.373	34.907	13.345	26.248
298.	12.333	34.847	12.294	26.408	300.	12.076	34.825	12.036	26.440
399.	10.537	34.721	10.489	26.642	397.	10.146	34.702	10.099	26.695
498.	9.162	34.660	9.107	26.827	500.	7.910	34.614	7.859	26.986
599.	7.559	34.602	7.499	27.026	599.	7.529	34.598	7.470	27.029
698.	6.416	34.567	6.352	27.153	699.	6.768	34.570	6.702	27.112
					798.	5.734	34.547	5.664	27.229
					893.	5.208	34.551	5.133	27.295
					1003.	4.718	34.555	4.636	27.355

CAST GP6-95-DI -004 LAT 01 55.3N LONG 125 05.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	25.311	34.369	25.309	22.772	10.	24.183	34.500	24.181	23.212
73.	23.843	34.625	23.828	23.397	74.	20.826	34.810	20.812	24.378
150.	15.243	34.915	15.221	25.852	149.	14.044	34.930	14.023	26.123
198.	13.745	34.919	13.717	26.180	199.	13.373	34.907	13.345	26.248
298.	12.333	34.847	12.294	26.408	300.	12.076	34.825	12.036	26.440
399.	10.537	34.721	10.489	26.642	397.	10.146	34.702	10.099	26.695
498.	9.162	34.660	9.107	26.827	500.	7.910	34.614	7.859	26.986
599.	7.559	34.602	7.499	27.026	599.	7.529	34.598	7.470	27.029
698.	6.416	34.567	6.352	27.153	699.	6.768	34.570	6.702	27.112
					798.	5.734	34.547	5.664	27.229
					893.	5.208	34.551	5.133	27.295
					1003.	4.718	34.555	4.636	27.355

CAST GP6-95-DI -005 LAT 01 00.0N LONG 125 00.2W

CAST GP6-95-DI -007 LAT 01 00.2S LONG 124 35.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	22.248	34.593	22.246	23.839	10.	21.402	34.944	21.400	24.348
75.	20.229	34.717	20.215	24.487	76.	16.825	35.346	16.813	25.819
151.	14.030	34.897	14.008	26.103	149.	13.204	34.951	13.183	26.311
200.	12.968	34.893	12.941	26.318	200.	12.547	34.884	12.520	26.394
301.	11.523	34.806	11.485	26.528	302.	11.871	34.838	11.832	26.485
400.	9.285	34.674	9.240	26.816	401.	9.203	34.689	9.158	26.837
596.	7.501	34.597	7.442	27.032	501.	8.010	34.621	7.959	26.975
700.	6.968	34.578	6.901	27.092	602.	7.131	34.586	7.073	27.075
801.	5.665	34.548	5.596	27.238	801.	5.712	34.545	5.642	27.228
900.	5.327	34.499	5.250	27.279	900.	5.003	34.551	4.928	27.314
1001.	4.849	34.549	4.767	27.335	1001.	4.548	34.555	4.468	27.373

CAST GP6-95-DI -006 LAT 00 11.4S LONG 124 22.1W

CAST GP6-95-DI -008 LAT 02 02.9S LONG 124 51.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	20.204	34.805	20.203	24.563	8.	22.489	35.186	22.487	24.223
76.	16.132	35.151	16.120	25.831	73.	14.543	35.056	14.533	26.114
148.	13.699	34.935	13.678	26.201	150.	12.705	34.904	12.684	26.380
300.	11.144	34.792	11.107	26.588	199.	12.281	34.873	12.254	26.438
500.	8.072	34.624	8.021	26.969	300.	11.505	34.816	11.467	26.544
998.	4.804	34.552	4.722	27.343	400.	9.125	34.667	9.081	26.854
1499.	3.098	34.600	2.989	27.557	499.	7.848	34.614	7.798	26.997
1998.	2.336	34.637	2.195	27.654	1000.	4.707	34.553	4.626	27.356
2498.	1.854	34.663	1.676	27.714	1500.	3.250	34.593	3.140	27.539
2998.	1.656	34.673	1.436	27.737	1998.	2.334	34.638	2.193	27.656
3498.	1.493	34.686	1.227	27.759	2497.	1.904	34.662	1.726	27.709
4002.	1.429	34.692	1.111	27.768	3001.	1.654	34.674	1.434	27.738

CAST GP6-95-DI -009 LAT 03 00.1S LONG 125 00.0W CAST GP6-95-DI -011 LAT 04 54.6S LONG 124 58.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	23.604	35.339	23.602	24.016	10.	24.651	35.311	24.649	23.684
150.	12.945	34.914	12.924	26.341	75.	17.033	35.165	17.021	25.585
200.	12.621	34.899	12.594	26.392	148.	13.393	34.937	13.372	26.268
301.	11.907	34.855	11.868	26.497	198.	12.894	34.912	12.867	26.350
400.	10.560	34.778	10.512	26.682	299.	12.225	34.874	12.185	26.452
501.	8.513	34.658	8.460	26.929	403.	10.699	34.788	10.650	26.665
599.	7.224	34.592	7.166	27.068	499.	8.880	34.680	8.825	26.887
701.	6.333	34.560	6.269	27.164	601.	7.632	34.610	7.571	27.024
801.	5.656	34.556	5.587	27.242	701.	6.869	34.577	6.802	27.106
900.	5.123	34.554	5.048	27.306	799.	6.096	34.554	6.024	27.190
1000.	4.760	34.555	4.679	27.351	899.	5.428	34.544	5.351	27.262
					1002.	4.809	34.541	4.727	27.334

CAST GP6-95-DI -010 LAT 04 00.0S LONG 125 00.0W CAST GP6-95-DI -012 LAT 08 00.7S LONG 125 00.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	24.096	35.256	24.094	23.810	10.	25.931	35.514	25.929	23.445
75.	15.818	35.078	15.806	25.849	74.	25.910	35.514	25.894	23.450
150.	13.344	34.929	13.323	26.272	150.	20.206	35.779	20.178	25.269
200.	12.925	34.954	12.897	26.347	201.	14.902	35.055	14.872	26.020
299.	11.807	34.854	11.768	26.514	300.	10.873	34.795	10.836	26.640
401.	9.511	34.715	9.465	26.813	401.	9.456	34.710	9.410	26.817
501.	8.076	34.634	8.025	26.977	500.	8.400	34.645	8.347	26.935
599.	7.151	34.591	7.093	27.078	601.	7.346	34.601	7.287	27.052
699.	6.405	34.562	6.341	27.156	701.	6.258	34.554	6.195	27.167
799.	5.740	34.550	5.670	27.230	801.	5.608	34.540	5.539	27.239
900.	5.179	34.549	5.103	27.295	901.	5.064	34.537	4.990	27.301
1003.	4.694	34.554	4.613	27.353	1001.	4.579	34.540	4.499	27.359

CAST GP6-95-DI -013 LAT 04 59.0S LONG 139 57.9W CAST GP6-95-DI -015 LAT 04 00.0S LONG 139 59.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
8.	25.997	35.328	25.995	23.283	10.	26.060	35.353	26.058	23.281
74.	25.768	35.256	25.751	23.295	75.	25.936	35.353	25.919	23.318
150.	19.944	35.618	19.917	25.235	150.	14.913	35.141	14.890	26.089
199.	14.412	35.075	14.383	26.156	200.	13.234	34.940	13.206	26.298
300.	10.871	34.801	10.834	26.645	301.	11.898	34.860	11.859	26.500
400.	9.424	34.708	9.379	26.823	398.	10.076	34.757	10.029	26.743
499.	8.076	34.635	8.024	26.975	499.	8.382	34.656	8.330	26.941
999.	4.656	34.542	4.576	27.349	596.	7.339	34.605	7.280	27.053
1502.	2.972	34.600	2.865	27.568	701.	6.451	34.567	6.386	27.150
1998.	2.316	34.639	2.175	27.654	800.	5.862	34.549	5.791	27.213
2499.	1.918	34.662	1.739	27.707	901.	5.406	34.548	5.329	27.267
3004.	1.683	34.676	1.462	27.736	1001.	4.981	34.543	4.898	27.313

CAST GP6-95-DI -014 LAT 04 58.9S LONG 139 56.4W CAST GP6-95-DI -016 LAT 03 00.0S LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	26.043	35.350	26.043	23.288	10.	25.448	35.259	25.445	23.396
502.	8.121	34.646	8.069	26.971	77.	24.697	35.288	24.681	23.644
					150.	13.273	34.933	13.252	26.286
					200.	12.822	34.907	12.795	26.358
					300.	11.621	34.842	11.583	26.538
					399.	9.806	34.736	9.760	26.776
					501.	8.068	34.632	8.016	26.977
					602.	7.138	34.589	7.080	27.077
					699.	6.244	34.558	6.181	27.172
					794.	5.627	34.547	5.558	27.240
					902.	5.015	34.543	4.940	27.311
					1001.	4.649	34.548	4.569	27.355

CAST GP6-95-DI -017 LAT 01 59.1S LONG 140 00.0W
 CAST GP6-95-DI -019 LAT 00 02.0N LONG 140 02.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	24.570	34.851	24.568	23.361	9.	24.973	34.725	24.971	23.147
71.	23.780	35.164	23.765	23.836	75.	21.307	35.158	21.292	24.518
150.	13.826	34.998	13.805	26.220	150.	15.033	35.029	15.011	25.987
201.	12.799	34.912	12.771	26.363	300.	11.317	34.799	11.280	26.563
300.	11.771	34.860	11.732	26.513	502.	8.168	34.629	8.116	26.957
401.	9.656	34.707	9.610	26.781	998.	4.824	34.548	4.742	27.338
500.	8.518	34.648	8.465	26.917	1502.	3.108	34.599	2.998	27.556
1000.	4.922	34.544	4.839	27.323	1998.	2.334	34.637	2.192	27.653
1498.	3.128	34.599	3.018	27.551	2499.	1.926	34.661	1.747	27.705
1989.	2.326	34.642	2.185	27.656	3000.	1.716	34.672	1.494	27.731
2498.	1.982	34.659	1.802	27.698	3500.	1.517	34.684	1.250	27.755
3001.	1.675	34.674	1.454	27.733	4072.	1.412	34.692	1.088	27.769

CAST GP6-95-DI -018 LAT 01 00.7S LONG 140 00.4W
 CAST GP6-95-DI -020 LAT 00 59.9N LONG 140 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	24.528	34.824	24.526	23.351	10.	26.004	34.677	26.002	22.790
76.	22.592	35.293	22.576	24.294	74.	23.165	34.883	23.150	23.789
150.	14.715	35.110	14.693	26.115	149.	14.461	34.752	14.439	25.897
200.	12.986	34.944	12.959	26.349	200.	12.704	34.868	12.677	26.352
299.	12.037	34.849	11.998	26.466	300.	11.521	34.815	11.483	26.537
400.	9.665	34.701	9.620	26.772	400.	10.372	34.745	10.325	26.688
500.	7.960	34.622	7.909	26.981	498.	8.385	34.636	8.333	26.929
601.	7.198	34.588	7.139	27.065	603.	7.209	34.583	7.150	27.058
701.	6.180	34.555	6.116	27.176	701.	6.063	34.551	6.001	27.189
800.	5.487	34.549	5.419	27.258	798.	5.430	34.546	5.362	27.264
901.	5.196	34.550	5.121	27.292	901.	5.274	34.546	5.198	27.281
1001.	4.668	34.554	4.587	27.357	1002.	4.508	34.555	4.428	27.377

CAST GP6-95-DI -021 LAT 02 02.2N LONG 140 02.0W

CAST GP6-95-DI -023 LAT 04 00.0N LONG 139 59.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	26.003	34.646	26.001	22.766	11.	26.113	34.606	26.111	22.702
76.	23.291	34.980	23.276	23.836	75.	24.358	34.752	24.342	23.349
150.	14.044	34.920	14.022	26.115	150.	14.695	34.767	14.673	25.853
300.	11.649	34.820	11.611	26.518	200.	13.202	34.905	13.175	26.279
500.	8.755	34.641	8.700	26.878	300.	11.809	34.812	11.771	26.484
1000.	4.813	34.552	4.732	27.341	401.	10.535	34.735	10.486	26.648
1500.	3.122	34.602	3.013	27.557	501.	9.500	34.719	9.443	26.783
1999.	2.316	34.638	2.174	27.657	600.	7.852	34.608	7.791	26.990
2248.	1.998	34.654	1.840	27.696	701.	6.611	34.565	6.545	27.131
2496.	1.845	34.663	1.668	27.715	799.	5.975	34.562	5.903	27.202
2800.	1.769	34.668	1.565	27.725	901.	5.431	34.563	5.354	27.266
3002.	1.722	34.671	1.500	27.730	1001.	4.930	34.552	4.847	27.329

CAST GP6-95-DI -022 LAT 03 00.2N LONG 140 00.2W

CAST GP6-95-DI -024 LAT 05 00.6N LONG 139 55.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	26.236	34.636	26.234	22.684	10.	25.970	34.639	25.968	22.777
76.	24.285	34.840	24.269	23.434	75.	24.727	34.871	24.711	23.334
150.	13.676	34.923	13.655	26.195	151.	20.203	34.797	20.175	24.539
200.	12.806	34.899	12.779	26.340	199.	13.184	34.898	13.157	26.280
300.	11.958	34.839	11.919	26.476	298.	11.404	34.783	11.366	26.536
401.	10.368	34.716	10.320	26.667	399.	10.148	34.720	10.100	26.702
499.	9.050	34.658	8.995	26.845	499.	9.111	34.654	9.055	26.830
599.	7.109	34.583	7.051	27.074	599.	7.959	34.610	7.897	26.975
700.	6.289	34.558	6.225	27.166	699.	6.879	34.571	6.813	27.099
798.	5.734	34.552	5.664	27.230	799.	5.994	34.548	5.923	27.198
900.	5.293	34.551	5.216	27.282	901.	5.364	34.547	5.287	27.275
1007.	4.868	34.553	4.785	27.336	1002.	4.814	34.553	4.732	27.344

CAST GP6-95-DI -025 LAT 06 00.1N LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	26.614	34.820	26.611	22.708
72.	25.811	34.822	25.795	22.960
148.	17.969	34.717	17.944	25.058
200.	12.696	34.621	12.669	26.156
298.	10.125	34.688	10.090	26.690
397.	9.240	34.655	9.195	26.812
498.	8.505	34.628	8.452	26.906
600.	7.612	34.595	7.552	27.013
699.	6.753	34.568	6.687	27.112
797.	5.836	34.553	5.766	27.220
898.	5.241	34.549	5.165	27.290
1003.	4.804	34.555	4.722	27.346

CAST GP6-95-DI -027 LAT 07 59.9N LONG 139 59.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
75.	27.378	34.859	27.361	22.494
299.	10.202	34.738	10.166	26.682
402.	9.434	34.671	9.389	26.790
501.	8.416	34.614	8.363	26.909
602.	7.248	34.571	7.189	27.045
701.	6.233	34.540	6.169	27.160
801.	5.606	34.541	5.537	27.239
900.	4.978	34.547	4.904	27.319
999.	4.609	34.554	4.529	27.366

CAST GP6-95-DI -026 LAT 06 59.6N LONG 139 59.7W

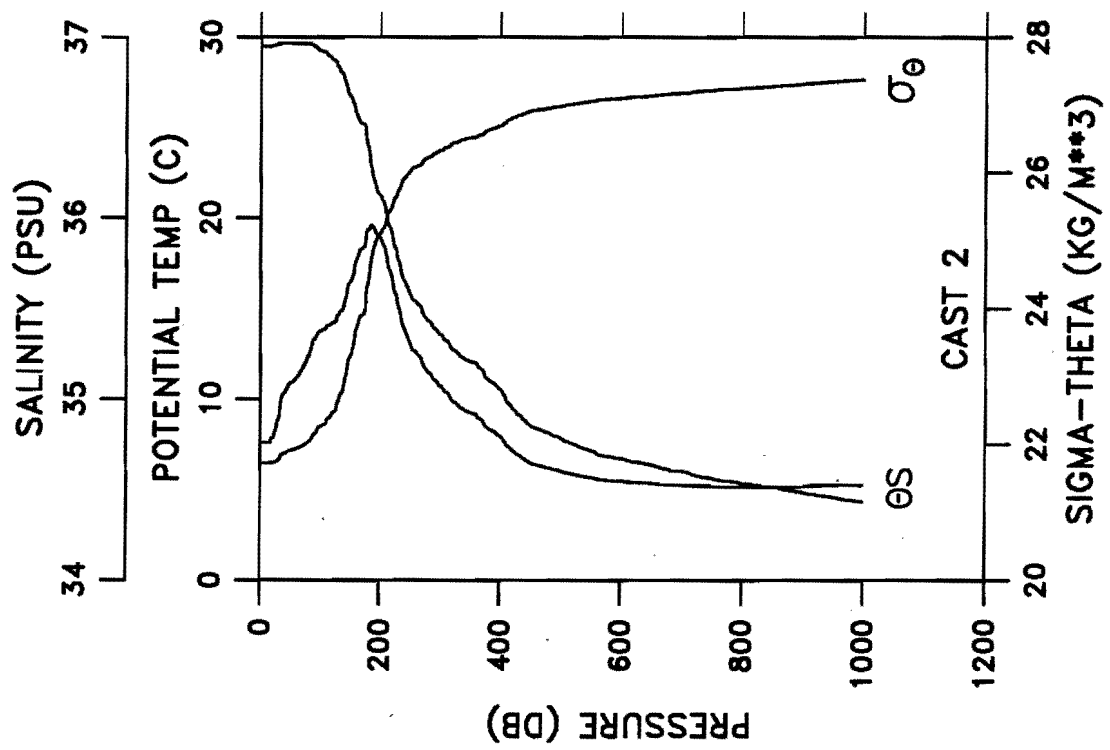
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.932	34.579	27.930	22.101
73.	27.267	34.770	27.250	22.456
148.	15.048	34.616	15.026	25.656
199.	11.317	34.674	11.292	26.466
299.	10.133	34.688	10.098	26.687
399.	9.411	34.664	9.366	26.791
500.	8.498	34.623	8.444	26.904
600.	7.380	34.579	7.321	27.036
702.	6.508	34.560	6.443	27.139
799.	5.831	34.551	5.760	27.219
898.	5.211	34.551	5.135	27.293
1003.	4.742	34.555	4.661	27.351

CAST GP6-95-DI -028 LAT 09 03.3N LONG 140 15.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.152	33.318	28.149	21.077
76.	14.502	34.566	14.491	25.744
150.	11.239	34.728	11.221	26.520
201.	10.704	34.713	10.679	26.605
301.	9.994	34.691	9.959	26.713
401.	9.311	34.662	9.266	26.805
500.	8.454	34.621	8.401	26.908
1001.	4.669	34.548	4.588	27.355
1499.	3.038	34.597	2.930	27.561
2000.	2.170	34.638	2.031	27.670
2501.	1.855	34.662	1.677	27.713
3001.	1.690	34.672	1.469	27.733

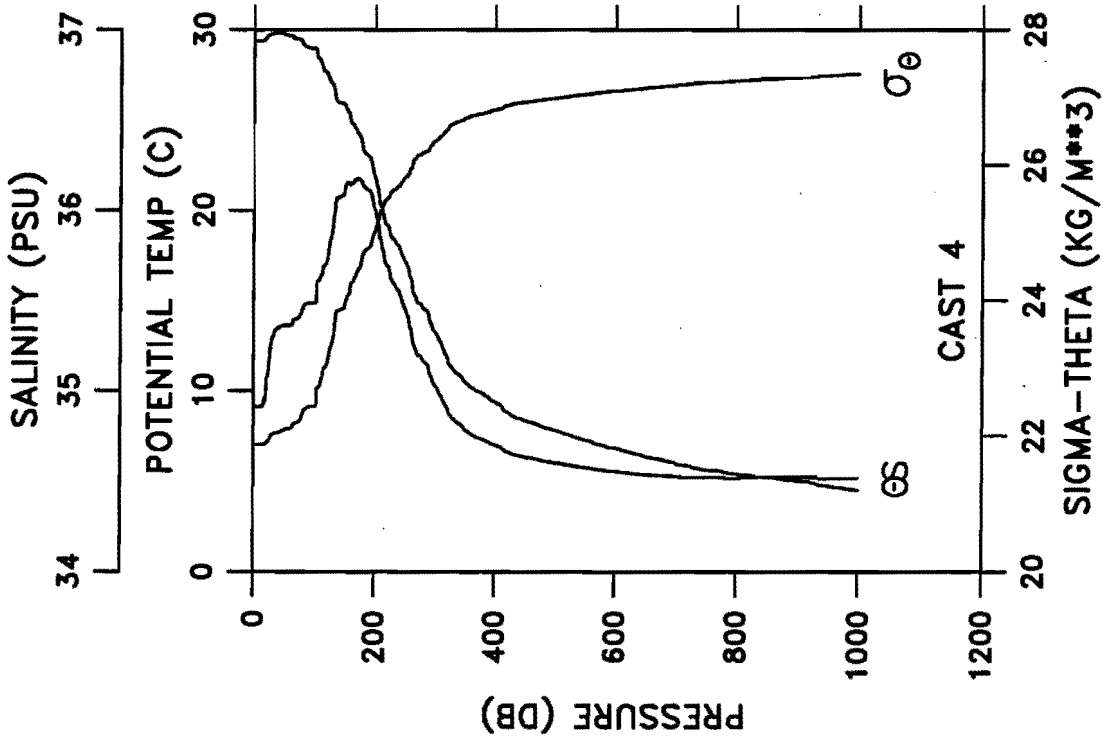
GP7-95-MB
November 21-December 15, 1995
CTD and Hydrographic Data Summary

CAST GP7-95-MB -002 DATE 28 NOV 95 TIME 1334 GMT
 LAT 07 57.9S LONG 164 58.5E WEATHER SEA STATE 1
 BAROMETER 07 WIND DIR 127 T SPD 08 KT VISIBILITY 9
 CLOUD AMOUNT DRY 28.3 WET DEPTH 3892 M



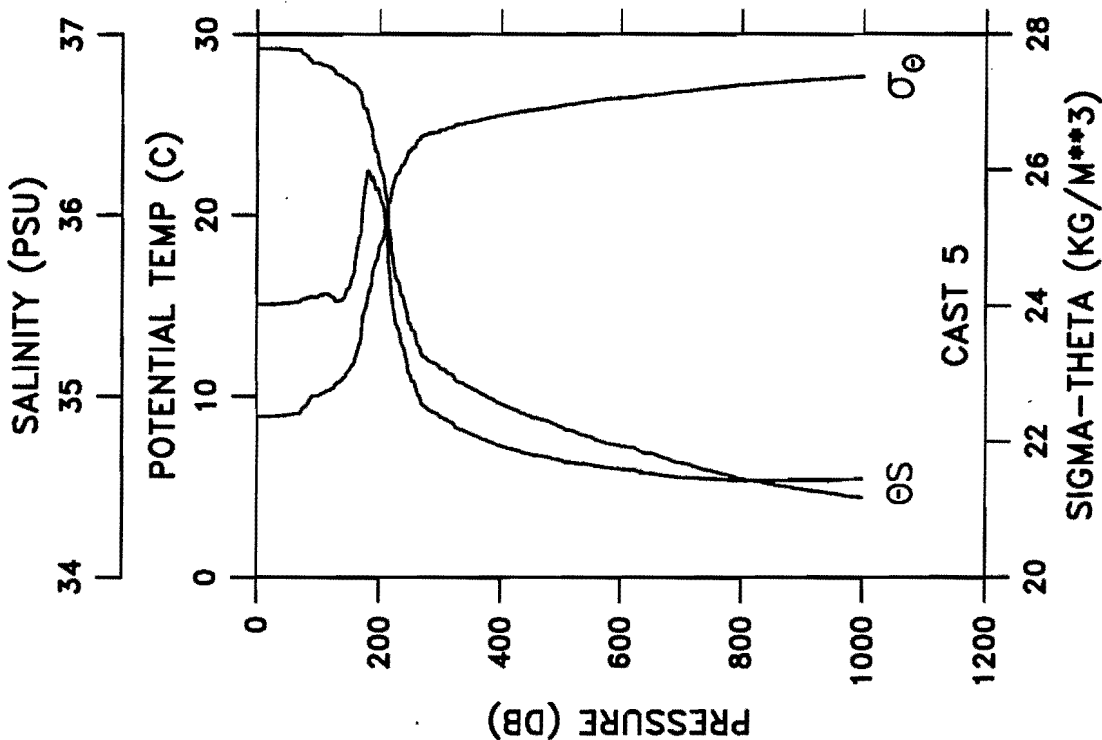
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.491	34.761	21.722	0.000
10	29.483	34.758	21.722	0.061
20	29.527	34.785	21.728	0.122
30	29.653	34.892	21.766	0.182
40	29.668	35.032	21.866	0.242
50	29.668	35.087	21.908	0.302
60	29.653	35.114	21.932	0.361
70	29.649	35.163	21.971	0.420
80	29.626	35.232	22.030	0.478
90	29.491	35.333	22.151	0.536
100	29.246	35.374	22.265	0.593
110	29.148	35.389	22.309	0.649
120	28.770	35.418	22.457	0.704
130	28.347	35.464	22.632	0.757
140	27.712	35.519	22.881	0.809
150	26.757	35.642	23.281	0.857
160	25.789	35.757	23.673	0.902
170	25.219	35.830	23.803	0.944
180	23.944	35.935	24.368	0.983
190	22.100	35.941	24.906	1.017
200	21.280	35.890	25.096	1.047
250	15.805	35.307	26.029	1.170
300	13.572	35.072	26.333	1.265
350	12.079	34.926	26.517	1.349
400	10.560	34.797	26.696	1.425
450	8.568	34.650	26.913	1.490
500	7.889	34.606	26.981	1.550
550	7.167	34.567	27.055	1.606
600	6.722	34.548	27.101	1.659
650	6.389	34.536	27.136	1.710
700	6.040	34.527	27.174	1.760
750	5.641	34.519	27.218	1.808
800	5.348	34.517	27.252	1.855
800	4.855	34.519	27.311	1.944
1000	4.353	34.526	27.372	2.026
1004	4.311	34.528	27.378	2.030

CAST GP7-95-MB -004 DATE 01 DEC 95 TIME 1541 GMT
 LAT 08 00.0S LONG 179 57.8W WEATHER 6 SEA STATE 1
 BAROMETER 04 WIND DIR 283 T SPD 06 KT VISIBILITY
 CLOUD AMOUNT DRY 28.9 WET
 DEPTH 5538 M



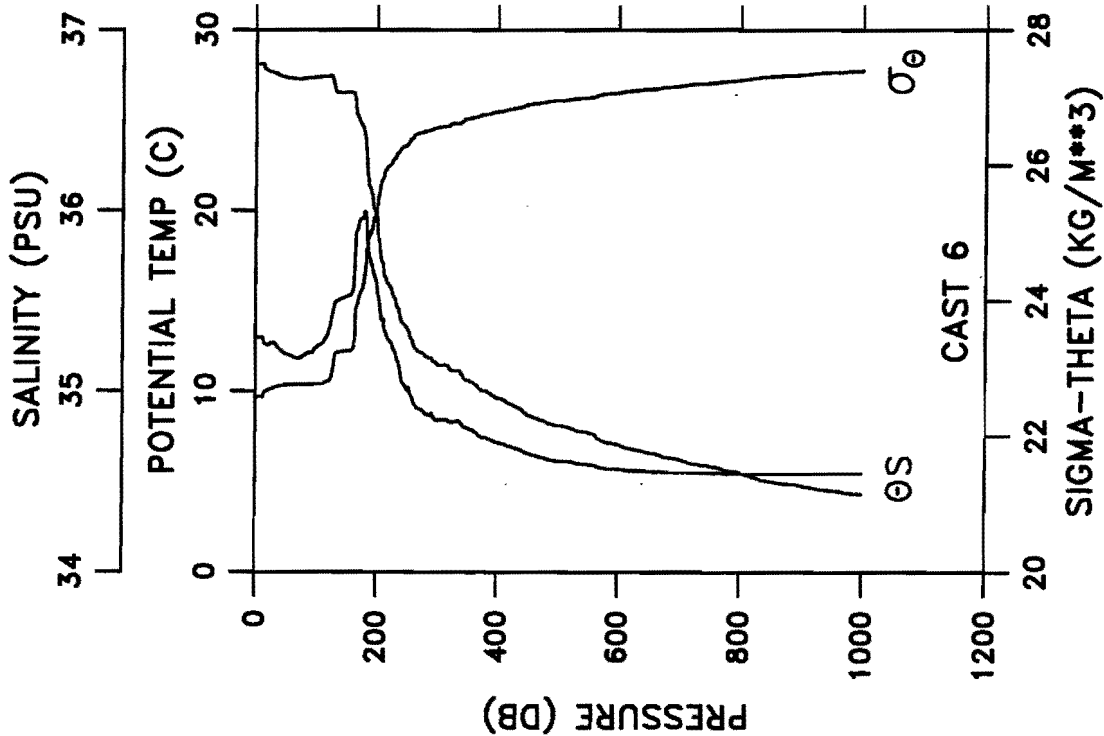
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.383	34.913	21.873	0.000
10	29.381	34.912	21.873	0.059
20	29.521	34.994	21.887	0.119
30	29.759	35.281	22.021	0.178
40	29.814	35.351	22.055	0.235
50	29.736	35.361	22.089	0.293
60	29.673	35.363	22.112	0.351
70	29.503	35.398	22.196	0.407
80	29.238	35.450	22.324	0.464
90	28.996	35.484	22.431	0.518
100	28.969	35.486	22.441	0.573
110	28.233	35.628	22.792	0.625
120	27.609	35.707	23.057	0.675
130	26.946	35.897	23.413	0.722
140	25.968	36.071	23.853	0.764
150	25.848	36.111	23.921	0.805
160	24.883	36.150	24.248	0.844
170	24.381	36.178	24.421	0.881
180	23.407	36.138	24.680	0.916
190	23.001	36.110	24.777	0.948
200	21.833	36.004	25.029	0.980
250	17.161	35.454	25.825	1.107
300	13.263	35.031	26.364	1.205
350	10.501	34.785	26.698	1.283
400	9.408	34.701	26.818	1.351
450	8.365	34.634	26.931	1.413
500	7.826	34.602	26.988	1.472
550	7.265	34.576	27.048	1.528
600	6.831	34.555	27.082	1.582
650	6.373	34.537	27.139	1.634
700	5.994	34.528	27.181	1.683
750	5.640	34.523	27.221	1.731
800	5.422	34.517	27.243	1.778
800	5.044	34.526	27.284	1.868
1000	4.514	34.520	27.350	1.953
1500	2.791	34.591	27.578	2.304
2000	2.042	34.636	27.676	2.580
2500	1.667	34.660	27.725	2.824
3000	1.443	34.673	27.752	3.055
3010	1.440	34.673	27.752	3.060

CAST GP7-95-MB -005 DATE 02 DEC 95 TIME 1652 GMT
 LAT 04 58.4S LONG 179 57.4W WEATHER 6 SEA STATE
 BAROMETER 03 WIND DIR 330 T SPD 10 KT VISIBILITY
 CLOUD AMOUNT DRY 28.4 WET DEPTH 5615 M



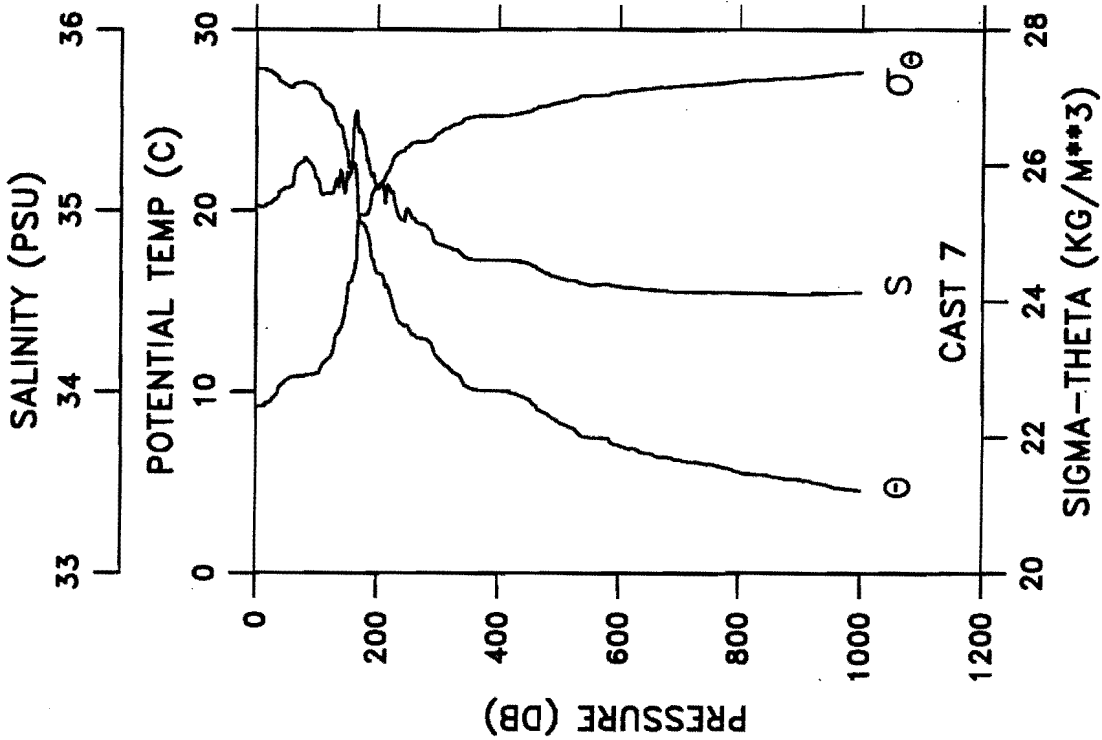
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.218	35.511	22.377	0.000
10	29.221	35.508	22.374	0.055
20	29.222	35.509	22.374	0.109
30	29.214	35.510	22.377	0.184
40	29.198	35.512	22.384	0.218
50	29.172	35.515	22.395	0.273
60	29.148	35.519	22.407	0.328
70	29.116	35.524	22.421	0.382
80	28.832	35.541	22.528	0.436
90	28.432	35.549	22.668	0.489
100	28.405	35.554	22.680	0.541
110	28.281	35.566	22.730	0.593
120	28.143	35.552	22.765	0.644
130	27.798	35.526	22.858	0.695
140	27.580	35.537	22.937	0.746
150	27.383	35.600	23.048	0.795
160	27.163	35.744	23.228	0.843
170	26.454	35.957	23.615	0.889
180	25.524	36.242	24.121	0.929
190	23.960	36.185	24.553	0.966
200	22.845	36.107	24.877	1.000
250	13.978	35.117	26.283	1.117
300	11.526	34.887	26.591	1.198
350	10.500	34.795	26.706	1.271
400	9.807	34.728	26.806	1.339
450	8.912	34.679	26.881	1.403
500	8.327	34.648	26.947	1.465
550	7.759	34.622	27.013	1.523
600	7.268	34.597	27.064	1.578
650	6.846	34.575	27.106	1.632
700	6.316	34.552	27.158	1.683
750	5.876	34.546	27.210	1.732
800	5.447	34.535	27.254	1.779
800	4.878	34.536	27.322	1.867
1000	4.403	34.544	27.381	1.949
1003	4.378	34.539	27.379	1.952

CAST GP7-95-MB -006 DATE 03 DEC 95 TIME 0812 GMT
 LAT 01 59.6S LONG 180 00.0W WEATHER 1 SEA STATE
 BAROMETER WIND DIR 105 T SPD 07 KT VISIBILITY
 CLOUD AMOUNT DRY 28.0 WET 24.8 DEPTH 5308 M



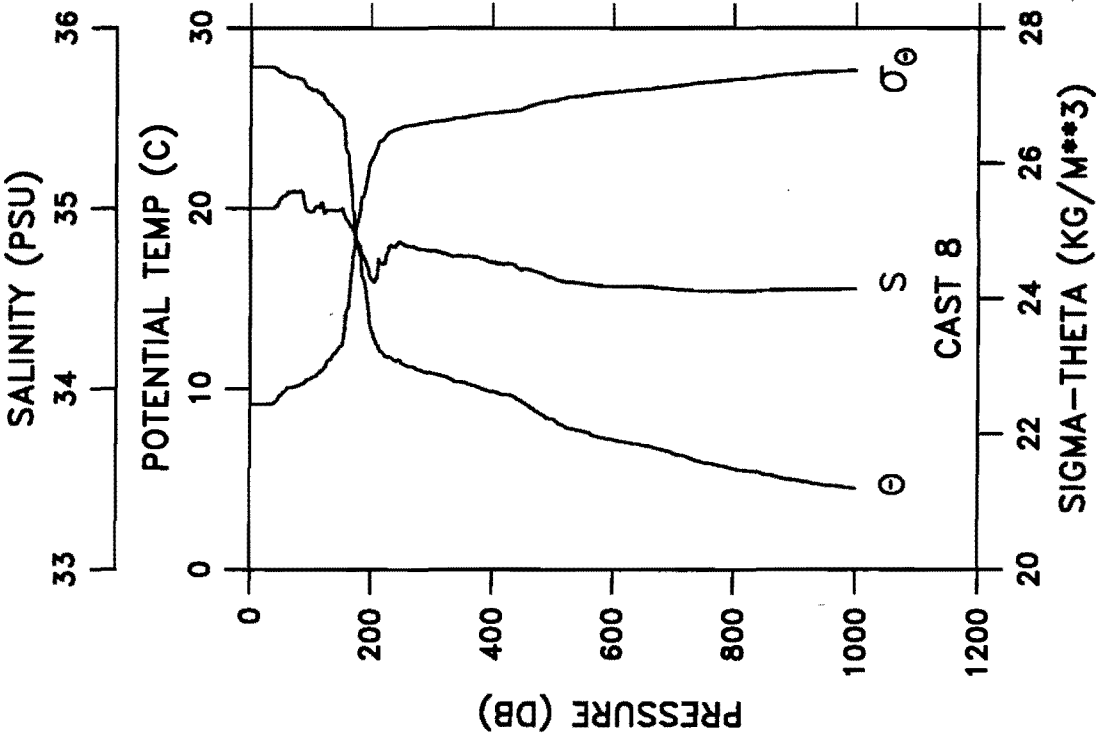
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.111	35.288	22.585	0.000
10	28.131	35.297	22.577	0.053
20	27.743	35.255	22.672	0.105
30	27.644	35.268	22.714	0.158
40	27.476	35.231	22.741	0.208
50	27.374	35.208	22.755	0.259
60	27.327	35.193	22.761	0.310
70	27.289	35.180	22.763	0.361
80	27.316	35.194	22.765	0.412
90	27.353	35.212	22.766	0.463
100	27.386	35.239	22.773	0.515
110	27.424	35.261	22.780	0.566
120	27.446	35.315	22.814	0.617
130	26.875	35.459	23.105	0.667
140	26.545	35.507	23.247	0.714
150	26.545	35.521	23.257	0.761
160	26.527	35.549	23.284	0.808
170	25.072	35.917	24.015	0.850
180	24.190	35.995	24.340	0.889
190	21.192	35.717	24.989	0.921
200	19.670	35.584	25.295	0.950
250	13.484	35.010	26.303	1.053
300	11.512	34.838	26.556	1.134
350	10.604	34.795	26.687	1.209
400	9.628	34.715	26.792	1.278
450	8.680	34.655	26.899	1.343
500	8.105	34.613	26.954	1.403
550	7.715	34.595	26.998	1.462
600	7.052	34.569	27.072	1.517
650	6.594	34.557	27.125	1.570
700	6.216	34.552	27.171	1.620
750	5.874	34.548	27.212	1.669
800	5.489	34.546	27.258	1.715
800	4.788	34.543	27.337	1.801
1000	4.309	34.549	27.395	1.881
1010	4.274	34.551	27.400	1.889

CAST GP7-85-MB -007 DATE 04 DEC 95 TIME 0706 GMT
 LAT 00 00.6N LONG 179 55.2W WEATHER 1 SEA STATE
 BAROMETER 06 WIND DIR 090 T SPD 12 KT VISIBILITY
 CLOUD AMOUNT DRY 28.2 WET DEPTH 5357 M



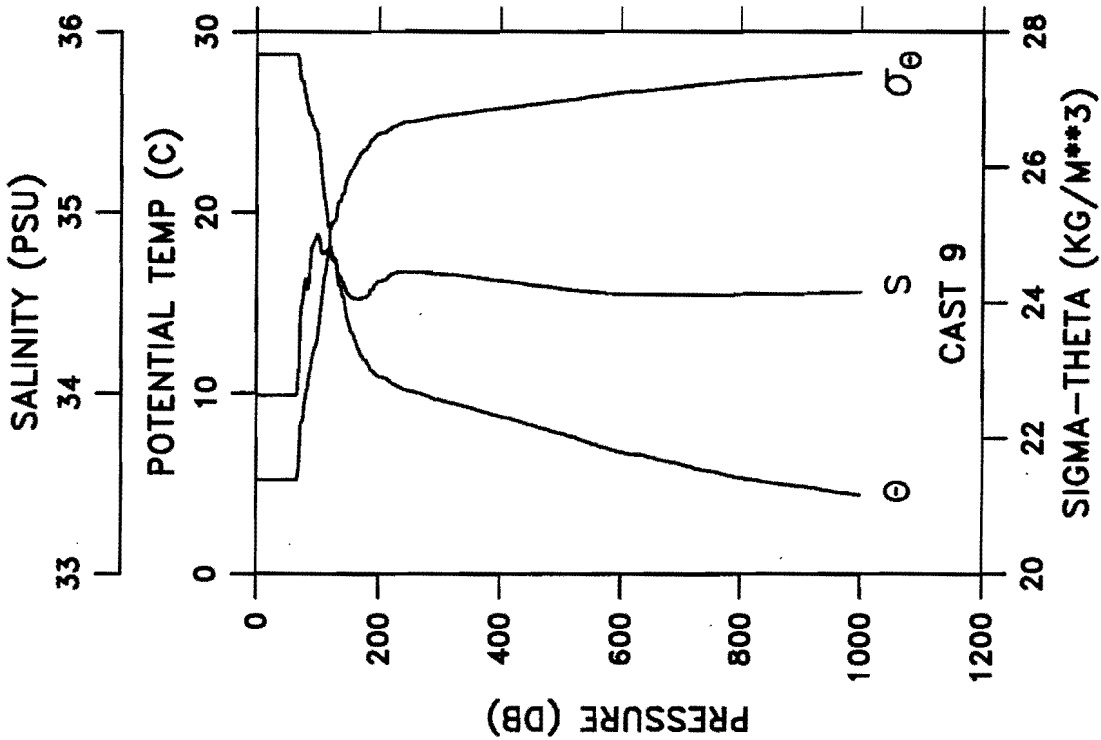
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.871	35.026	22.458	0.000
10	27.863	35.021	22.457	0.054
20	27.738	35.037	22.510	0.107
30	27.534	35.061	22.594	0.160
40	27.151	35.105	22.751	0.212
50	26.941	35.127	22.835	0.263
60	26.834	35.145	22.882	0.313
70	27.089	35.255	22.890	0.363
80	27.121	35.284	22.902	0.413
90	26.987	35.253	22.915	0.463
100	26.743	35.178	22.934	0.513
110	26.090	35.086	23.072	0.562
120	25.842	35.093	23.155	0.610
130	25.041	35.150	23.444	0.656
140	24.646	35.211	23.610	0.701
150	23.265	35.211	24.019	0.742
160	22.483	35.395	24.380	0.778
170	19.446	35.434	25.239	0.812
180	18.105	35.356	25.267	0.840
190	17.451	35.189	25.552	0.867
200	16.537	35.118	25.715	0.891
250	13.646	35.008	26.268	0.993
300	11.874	34.816	26.471	1.080
350	10.255	34.732	26.700	1.156
400	10.052	34.727	26.730	1.226
450	9.589	34.709	26.784	1.295
500	8.330	34.630	26.933	1.358
550	7.486	34.590	27.026	1.416
600	7.055	34.582	27.082	1.471
650	6.596	34.565	27.131	1.524
700	6.238	34.553	27.169	1.574
750	5.990	34.551	27.200	1.623
800	5.583	34.546	27.246	1.670
900	5.151	34.539	27.292	1.760
1000	4.529	34.550	27.372	1.844
1003	4.520	34.550	27.373	1.847

CAST GP7-95-MB-008 DATE 04 DEC 95 TIME 1735 GMT
 LAT 01 58.0N LONG 179 52.7W WEATHER 1 SEA STATE
 BAROMETER 06 WIND DIR 092 T SPD 14 KT VISIBILITY
 CLOUD AMOUNT DRY 27.9 WET DEPTH 5377 M



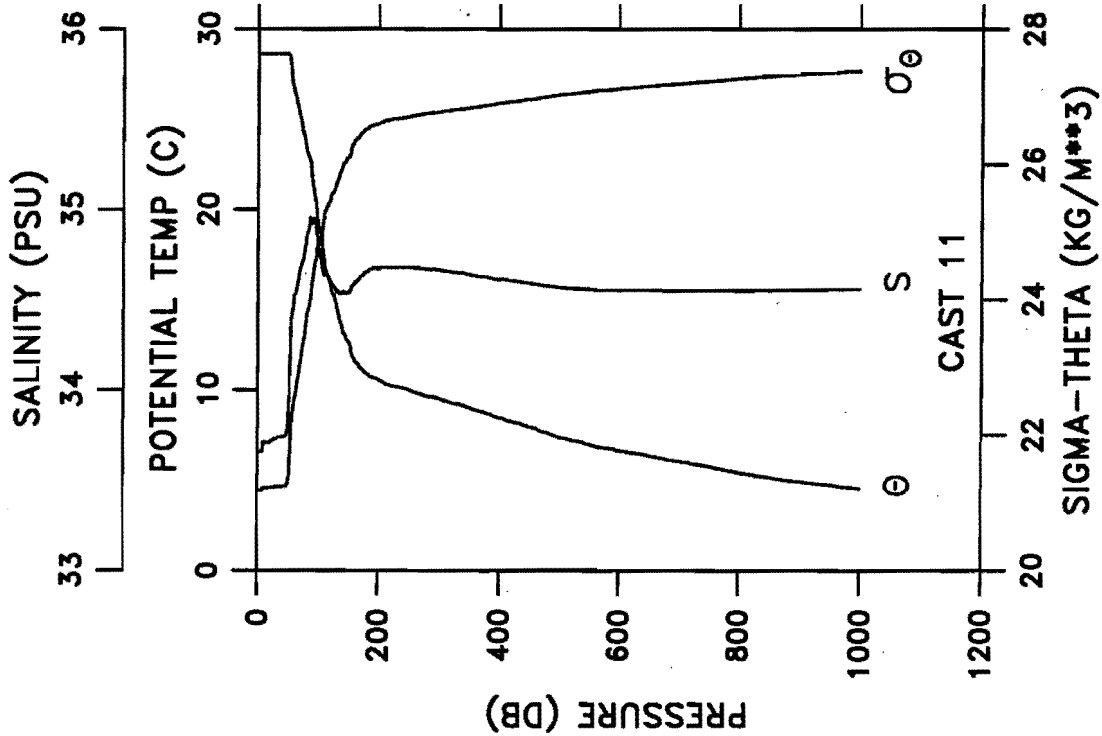
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.866	35.003	22.442	0.000
10	27.868	35.001	22.440	0.054
20	27.868	35.001	22.440	0.108
30	27.862	35.001	22.443	0.162
40	27.781	35.009	22.475	0.216
50	27.559	35.054	22.581	0.269
60	27.359	35.079	22.664	0.322
70	27.298	35.093	22.695	0.374
80	27.223	35.083	22.718	0.425
90	26.933	35.026	22.761	0.477
100	26.646	34.880	22.817	0.528
110	26.546	35.015	22.875	0.578
120	26.359	35.027	22.944	0.628
130	25.784	34.991	23.095	0.677
140	25.462	34.988	23.192	0.725
150	25.141	34.986	23.297	0.772
160	23.162	34.935	23.834	0.816
170	20.180	34.881	24.625	0.854
180	17.687	34.798	25.195	0.885
190	15.749	34.709	25.581	0.911
200	13.314	34.610	26.028	0.933
250	11.463	34.809	26.542	1.018
300	10.873	34.763	26.615	1.094
350	10.364	34.736	26.680	1.167
400	9.846	34.700	26.744	1.237
450	9.286	34.663	26.809	1.305
500	8.342	34.615	26.920	1.368
550	7.651	34.583	26.998	1.427
600	7.183	34.568	27.054	1.483
650	6.857	34.566	27.097	1.537
700	6.428	34.553	27.144	1.589
750	5.921	34.543	27.202	1.639
800	5.573	34.544	27.245	1.686
900	4.956	34.548	27.322	1.775
1000	4.500	34.553	27.377	1.858
1020	4.438	34.554	27.385	1.874

CAST GP7-95-MB -009 DATE 07 DEC 95 TIME 1045 GMT
 LAT 08 00.9N LONG 179 53.9W WEATHER 1 SEA STATE
 BAROMETER 08 WIND DIR 095 T SPD 15 KT VISIBILITY
 CLOUD AMOUNT DRY 29.0 WET DEPTH 5923 M



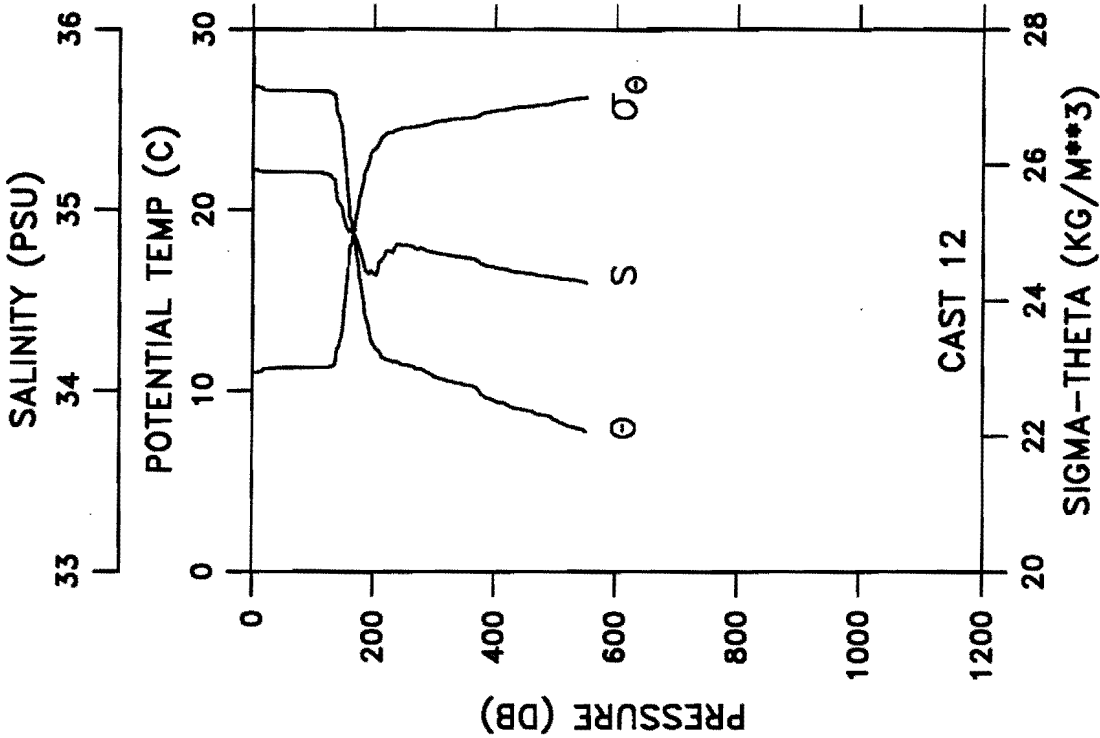
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DTN-M)
0	28.753	33.991	21.391	0.000
10	28.752	33.988	21.389	0.064
20	28.752	33.989	21.390	0.128
30	28.754	33.989	21.389	0.192
40	28.756	33.989	21.389	0.256
50	28.756	33.989	21.389	0.320
60	28.756	33.989	21.389	0.385
70	27.953	34.297	21.884	0.448
80	26.382	34.632	22.638	0.504
90	25.109	34.810	23.166	0.554
100	24.031	34.872	23.537	0.600
110	20.818	34.781	24.378	0.639
120	18.156	34.770	25.058	0.672
130	17.215	34.716	25.246	0.701
140	15.293	34.612	25.609	0.726
150	13.812	34.542	25.873	0.749
160	12.898	34.521	26.043	0.770
170	12.080	34.523	26.204	0.789
180	11.629	34.538	26.301	0.807
190	11.190	34.581	26.415	0.824
200	10.905	34.617	26.495	0.840
250	10.131	34.670	26.672	0.914
300	9.623	34.658	26.749	0.984
350	9.204	34.642	26.805	1.050
400	8.696	34.621	26.870	1.114
450	8.246	34.597	26.921	1.176
500	7.777	34.578	26.976	1.235
550	7.194	34.558	27.042	1.292
600	6.717	34.549	27.102	1.345
650	6.424	34.545	27.139	1.397
700	6.061	34.544	27.184	1.447
750	5.668	34.543	27.233	1.494
800	5.315	34.546	27.278	1.540
800	4.861	34.550	27.335	1.626
1000	4.386	34.559	27.395	1.708
1500	2.951	34.605	27.574	2.052
2000	2.098	34.641	27.677	2.331
2500	1.720	34.663	27.724	2.578
3000	1.484	34.675	27.750	2.812
3500	1.264	34.686	27.775	3.038
3505	1.262	34.686	27.775	3.040

CAST GP7-95-MB -011 DATE 10 DEC 95 TIME 1044 GMT
 LAT 08 02.8N LONG 170 01.4W WEATHER 1 SEA STATE
 BAROMETER 11 WIND DIR 108 T SPD 14 KT VISIBILITY
 CLOUD AMOUNT DRY 29.2 WET DEPTH 5439 M



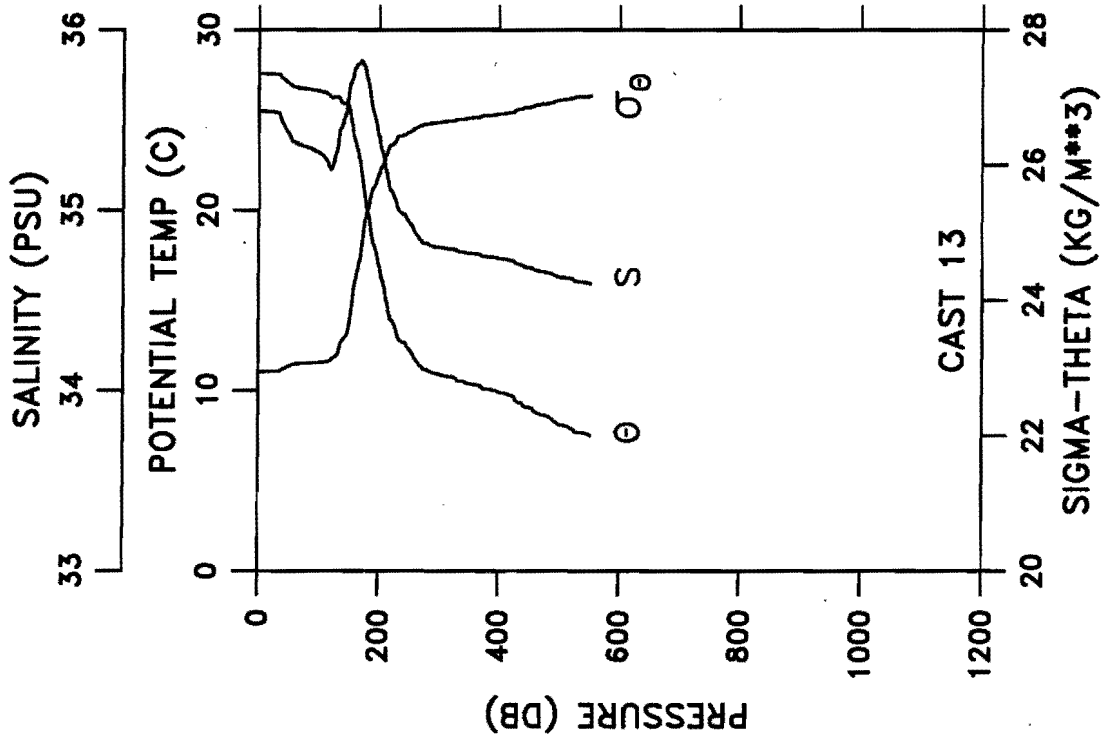
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.631	33.660	21.183	0.000
10	28.628	33.708	21.220	0.066
20	28.624	33.706	21.220	0.132
30	28.633	33.728	21.234	0.197
40	28.638	33.738	21.239	0.263
50	28.609	33.605	21.299	0.328
60	26.508	34.519	22.514	0.387
70	25.083	34.669	23.073	0.438
80	23.401	34.809	23.674	0.484
90	21.724	34.925	24.239	0.524
100	19.157	34.814	24.840	0.558
110	16.979	34.634	25.239	0.588
120	15.890	34.602	25.467	0.614
130	14.868	34.542	25.692	0.639
140	13.326	34.534	25.967	0.660
150	12.876	34.536	26.098	0.680
160	11.667	34.585	26.330	0.699
170	11.222	34.625	26.444	0.715
180	10.920	34.654	26.521	0.731
190	10.680	34.670	26.576	0.746
200	10.567	34.667	26.594	0.761
250	10.026	34.677	26.696	0.832
300	9.524	34.663	26.769	0.900
350	8.032	34.639	26.831	0.966
400	8.458	34.610	26.899	1.028
450	7.965	34.591	26.958	1.088
500	7.348	34.567	27.029	1.145
550	6.976	34.557	27.073	1.200
600	6.632	34.551	27.115	1.252
650	6.348	34.554	27.155	1.303
700	6.052	34.549	27.190	1.352
750	5.770	34.549	27.225	1.400
800	5.425	34.549	27.268	1.446
900	4.940	34.553	27.328	1.533
1000	4.534	34.560	27.379	1.615
1004	4.513	34.560	27.382	1.618

CAST GP7-85-MB --012 DATE 12 DEC 85 TIME 0806 GMT
 LAT 01 59.7N LONG 170 02.3W WEATHER 1 SEA STATE
 BAROMETER 12 WIND DIR 160 T SPD 07 KT VISIBILITY
 CLOUD AMOUNT DRY 27.1 WET DEPTH 5361 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DTN-M)
0	26.834	35.225	22.942	0.000
10	26.782	35.217	22.950	0.049
20	26.637	35.213	22.985	0.098
30	26.614	35.211	23.001	0.147
40	26.611	35.213	23.004	0.195
50	26.601	35.212	23.006	0.244
60	26.596	35.212	23.008	0.293
70	26.595	35.213	23.009	0.342
80	26.582	35.213	23.010	0.390
90	26.584	35.210	23.010	0.439
100	26.574	35.207	23.011	0.488
110	26.571	35.207	23.012	0.537
120	26.546	35.201	23.016	0.586
130	26.444	35.179	23.031	0.635
140	25.268	35.049	23.298	0.683
150	23.601	34.962	23.732	0.728
160	19.679	34.892	24.765	0.766
170	17.825	34.848	25.199	0.797
180	15.650	34.750	25.636	0.823
190	13.756	34.652	25.970	0.845
200	12.533	34.647	26.213	0.864
250	11.425	34.804	26.545	0.947
300	10.781	34.763	26.630	1.023
350	10.349	34.736	26.686	1.095
400	9.451	34.682	26.796	1.165
450	8.952	34.652	26.853	1.230
500	8.409	34.627	26.919	1.293
550	7.755	34.597	26.994	1.352
551	7.753	34.596	26.993	1.353

CAST GP7-95-MB-013 DATE 13 DEC 95 TIME 1408 GMT
 LAT 02 10.35 LONG 170 02.0W WEATHER 1 SEA STATE 1
 BAROMETER 10 WIND DIR 075 T SPD 12 KT VISIBILITY
 CLOUD AMOUNT DRY 27.0 WET DEPTH 4850 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.574	35.548	22.948	0.000
10	27.572	35.547	22.948	0.049
20	27.563	35.545	22.949	0.098
30	27.547	35.540	22.951	0.147
40	27.505	35.481	22.985	0.196
50	27.024	35.422	23.030	0.245
60	26.820	35.376	23.061	0.293
70	26.747	35.357	23.070	0.342
80	26.717	35.349	23.073	0.390
90	26.672	35.335	23.077	0.438
100	26.611	35.319	23.084	0.486
110	26.515	35.289	23.092	0.535
120	26.262	35.225	23.123	0.583
130	26.284	35.334	23.198	0.630
140	25.926	35.486	23.425	0.676
150	25.715	35.668	23.628	0.721
160	23.905	35.789	24.269	0.761
170	22.399	35.828	24.736	0.786
180	19.965	35.729	25.328	0.826
190	18.140	35.548	25.658	0.852
200	16.909	35.412	25.853	0.875
250	12.316	34.939	26.482	0.985
300	10.914	34.783	26.631	1.041
350	10.408	34.759	26.694	1.113
400	9.923	34.731	26.756	1.183
450	9.080	34.681	26.855	1.249
500	8.130	34.628	26.963	1.311
550	7.577	34.594	27.018	1.369
552	7.489	34.589	27.026	1.371

CAST GP7-95-MB -002 LAT 07 57.9S LONG 164 58.5E CAST GP7-95-MB -004 LAT 08 00.0S LONG 179 57.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
4.	29.497	34.775	29.496	21.732	3.	29.421	34.944	29.420	21.887
3.	29.500	34.775	29.499	21.732	3.	29.419	34.944	29.419	21.887
26.	29.658	34.944	29.652	21.810	24.	29.731	35.101	29.725	21.937
25.	29.659	34.943	29.653	21.813	24.	29.703	35.101	29.697	21.926
50.	29.674	35.096	29.661	21.914	50.	29.645	35.358	29.632	22.119
50.	29.673	35.095	29.661	21.914	50.	29.644	35.358	29.632	22.119
75.	29.658	35.203	29.639	22.003	74.	29.087	35.479	29.069	22.399
74.	29.659	35.203	29.641	21.999	75.	29.086	35.478	29.068	22.399
101.	29.208	35.383	29.183	22.286	100.	28.967	35.492	28.943	22.446
100.	29.202	35.383	29.178	22.287	100.	28.968	35.481	28.944	22.445
123.	28.403	35.460	28.374	22.610	122.	27.537	35.698	27.508	23.091
124.	28.396	35.459	28.366	22.613	122.	27.535	35.698	27.506	23.092
150.	26.275	35.696	26.241	23.470	147.	25.483	36.146	25.451	24.062
150.	26.085	35.695	26.051	23.548	147.	25.486	36.146	25.454	24.061
200.	21.367	35.889	21.328	25.070	168.	23.573	36.145	23.538	24.632
244.	17.144	35.430	17.103	25.805	169.	23.535	36.145	23.499	24.640
250.	16.736	35.430	16.695	25.880	235.	18.101	35.556	18.060	25.669
301.	13.910	35.103	13.867	26.281	235.	18.083	35.556	18.042	25.673
301.	13.917	35.102	13.873	26.279	298.	13.189	35.018	13.148	26.370
499.	7.965	34.605	7.913	26.970	300.	13.141	35.018	13.099	26.372
500.	7.948	34.604	7.897	26.972	498.	7.905	34.604	7.854	26.978
1001.	4.429	34.511	4.350	27.363	498.	7.905	34.604	7.854	26.977

CAST GP7-95-MB -006 LAT 01 59.6S LONG 180 00.0W

CAST GP7-95-MB -007 LAT 00 00.6N LONG 179 55.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
3.	28.464	35.322	28.463	22.488	1.	27.817	35.027	27.817	22.473
2.	28.453	35.322	28.452	22.490	2.	27.801	35.027	27.801	22.480
24.	27.705	35.263	27.699	22.690	23.	27.660	35.046	27.654	22.541
24.	27.704	35.263	27.699	22.690	23.	27.651	35.046	27.646	22.544
50.	27.408	35.213	27.397	22.748	24.	27.640	35.131	27.634	22.549
50.	27.403	35.213	27.392	22.749	50.	26.926	35.131	26.915	22.839
74.	27.309	35.182	27.292	22.757	75.	27.117	35.273	27.100	22.885
74.	27.307	35.183	27.290	22.758	74.	27.110	35.274	27.093	22.885
100.	27.414	35.244	27.391	22.765	100.	26.751	35.165	26.729	22.926
101.	27.433	35.244	27.409	22.766	101.	26.725	35.164	26.702	22.927
124.	27.503	35.346	27.474	22.822	124.	25.713	35.094	25.686	23.192
124.	27.487	35.347	27.458	22.826	124.	25.681	35.094	25.654	23.202
151.	26.580	35.513	26.545	23.244	150.	23.391	35.194	23.360	23.942
151.	26.577	35.513	26.542	23.240	150.	23.257	35.192	23.226	24.026
203.	18.868	35.556	18.832	25.457	196.	16.754	35.182	16.722	25.674
202.	18.986	35.556	18.949	25.431	195.	16.873	35.181	16.840	25.653
201.	19.279	35.556	19.243	25.364	247.	13.676	34.999	13.641	26.252
251.	13.288	35.004	13.253	26.334	249.	13.680	34.999	13.645	26.255
297.	11.661	34.849	11.623	26.534	300.	11.848	34.808	11.809	26.470
297.	11.656	34.849	11.618	26.534	300.	11.850	34.808	11.811	26.468
503.	8.242	34.618	8.189	26.938	500.	8.438	34.631	8.385	26.917
503.	8.240	34.618	8.187	26.938	500.	8.433	34.630	8.380	26.916
1007.	4.359	34.551	4.280	27.390	1003.	4.601	34.551	4.521	27.364
1006.	4.370	34.551	4.291	27.388	1002.	4.603	34.551	4.523	27.364

CAST GP7-95-MB -008 LAT 01 58.0N LONG 179 52.7W

CAST GP7-95-MB -009 LAT 08 00.9N LONG 179 53.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	27.854	35.004	27.854	22.446	3.	28.795	34.053	28.795	21.378
2.	27.859	35.001	27.858	22.445	4.	28.767	34.046	28.766	21.388
25.	27.862	35.001	27.856	22.443	101.	23.167	34.843	23.146	23.759
24.	27.862	35.001	27.856	22.443	100.	23.261	34.843	23.240	23.734
50.	27.569	35.054	27.557	22.578	301.	9.476	34.650	9.442	26.770
51.	27.569	35.055	27.558	22.581	300.	9.476	34.649	9.442	26.770
73.	27.302	35.094	27.285	22.693	499.	7.648	34.567	7.598	26.988
73.	27.292	35.094	27.275	22.696	500.	7.646	34.566	7.596	26.988
97.	26.638	34.977	26.616	22.817	582.	6.821	34.547	6.766	27.089
96.	26.637	34.977	26.615	22.816	800.	5.314	34.544	5.247	27.280
119.	26.126	34.983	26.100	22.973	801.	5.312	34.544	5.244	27.280
142.	25.338	34.984	25.306	23.229	1000.	4.461	34.557	4.382	27.387
144.	25.253	34.986	25.221	23.254	1000.	4.461	34.557	4.381	27.388
146.	25.208	34.985	25.176	23.267	1498.	3.102	34.601	2.993	27.560
195.	15.594	34.698	15.564	25.601	2002.	2.275	34.636	2.135	27.661
230.	11.818	34.783	11.788	26.424	2000.	2.278	34.636	2.138	27.661
244.	11.627	34.784	11.595	26.492	2500.	1.909	34.659	1.730	27.709
269.	11.272	34.781	11.238	26.560	2999.	1.706	34.671	1.485	27.734
268.	11.272	34.780	11.238	26.559	3000.	1.706	34.672	1.484	27.734
499.	8.235	34.602	8.183	26.927	3505.	1.530	34.715	1.262	27.756
499.	8.246	34.602	8.194	26.925					
1019.	4.530	34.554	4.449	27.374					

CAST GP7-95-MB -011 LAT 08 02.8N LONG 170 01.4W

CAST GP7-95-MB -012 LAT 01 59.7N LONG 170 02.3W

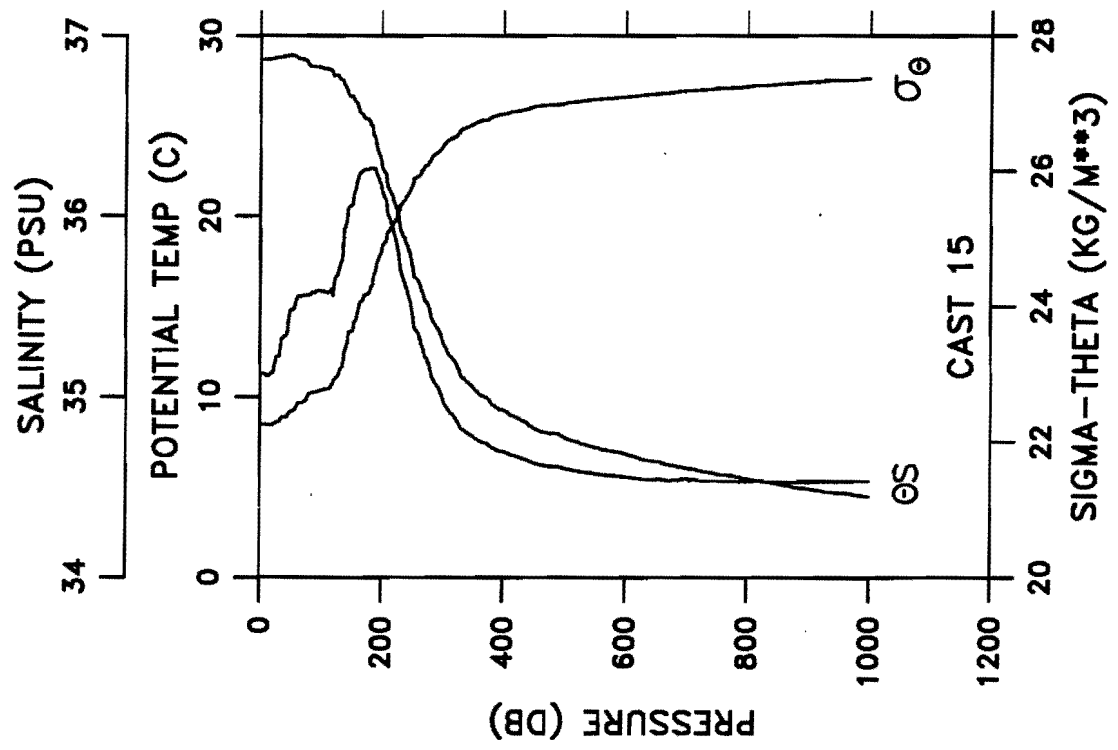
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
3.	28.640	33.711	28.640	21.219	1.	26.786	35.220	26.786	22.954
4.	28.641	33.712	28.640	21.219	2.	26.794	35.220	26.793	22.951
2.	28.640	33.712	28.639	21.220	2.	26.800	35.220	26.800	22.949
24.	28.657	33.713	28.651	21.214	2.	26.800	35.220	26.799	22.949
49.	28.500	33.942	28.488	21.459	100.	26.607	35.209	26.584	23.002
49.	28.513	33.966	28.502	21.451	100.	26.609	35.209	26.586	23.002
73.	24.170	34.714	24.155	23.384	198.	13.234	34.640	13.206	26.067
73.	24.195	34.716	24.180	23.371	199.	13.153	34.640	13.125	26.084
99.	19.106	34.811	19.088	24.838	300.	10.810	34.759	10.773	26.623
99.	19.298	34.811	19.280	24.800	300.	10.807	34.759	10.770	26.623
124.	14.527	34.533	14.509	25.718	400.	9.552	34.682	9.506	26.780
125.	14.451	34.534	14.433	25.732	400.	9.568	34.682	9.523	26.777
150.	11.920	34.569	11.901	26.267	550.	7.811	34.597	7.755	26.984
150.	11.919	34.570	11.900	26.267	550.	7.810	34.596	7.754	26.985
200.	10.510	34.671	10.486	26.610					
199.	10.512	34.671	10.488	26.609					
252.	9.969	34.673	9.940	26.704					
250.	9.998	34.673	9.969	26.699					
295.	9.573	34.658	9.540	26.760					
297.	9.552	34.659	9.518	26.764					
500.	7.399	34.563	7.350	27.021					
500.	7.396	34.564	7.347	27.021					
1003.	4.595	34.558	4.515	27.372					
1004.	4.595	34.559	4.515	27.373					

CAST GP7-95-MB -013 LAT 02 10.3S LONG 170 02.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
3.	27.573	35.548	27.573	22.948
3.	27.587	35.548	27.586	22.944
3.	27.580	35.548	27.580	22.946
99.	26.671	35.329	26.649	23.070
99.	26.671	35.328	26.649	23.071
201.	16.650	35.385	16.617	25.881
200.	16.673	35.387	16.641	25.878
301.	10.926	34.791	10.889	26.625
300.	10.927	34.791	10.889	26.625
300.	10.929	34.790	10.892	26.624

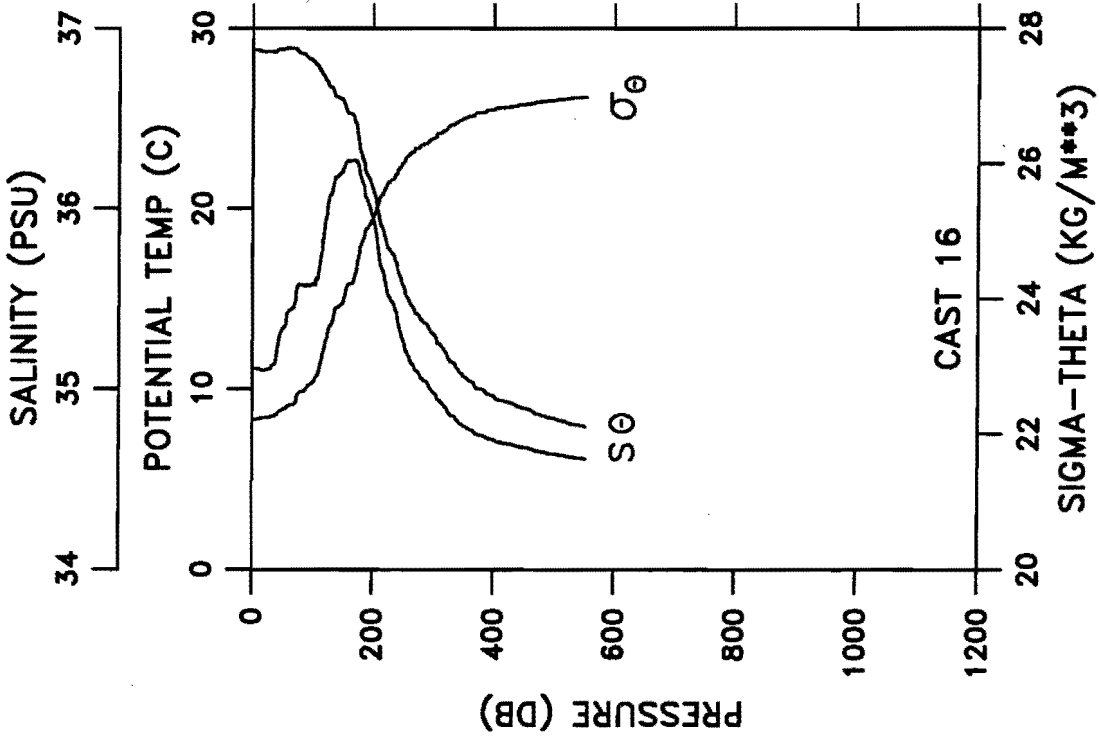
GP8-95-MB
December 19-January 17, 1996
CTD and Hydrographic Data Summary

CAST GP8-95-MB -015 DATE 21 DEC 95 TIME 0948 GMT
 LAT 08 01.2S LONG 170 00.6W WEATHER SEA STATE
 BAROMETER 10 WIND DIR 285 T SPD 09 KT VISIBILITY
 CLOUD AMOUNT DRY 28.4 WET DEPTH 5340 M



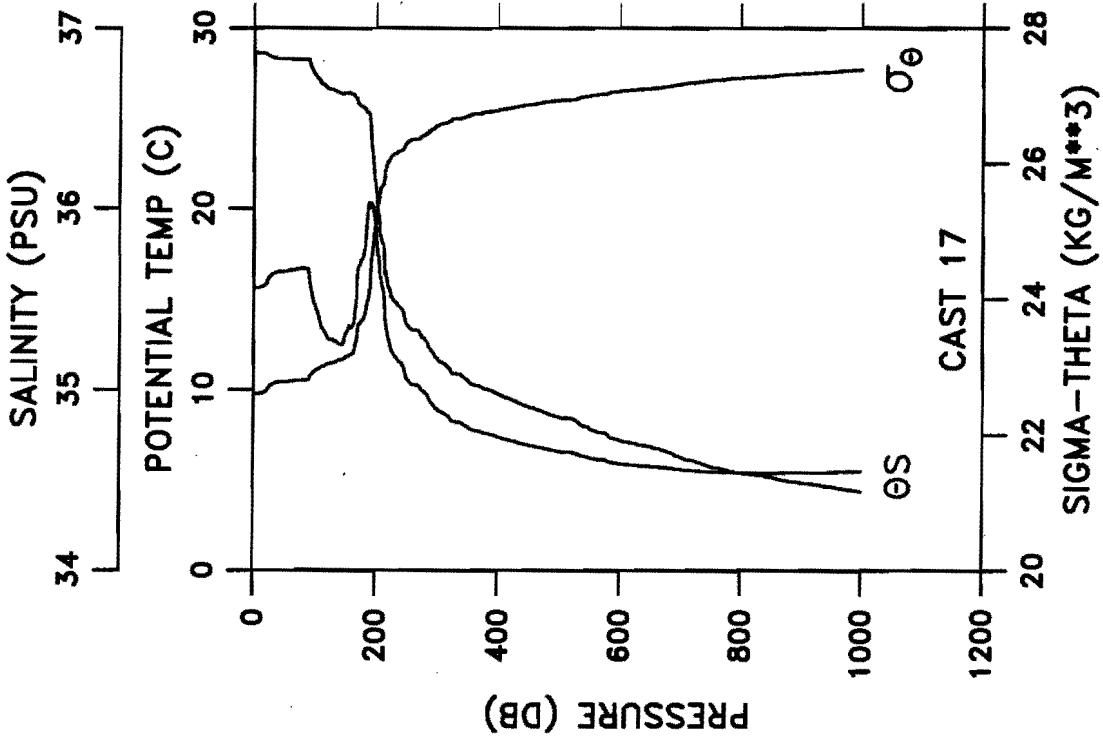
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.696	35.130	22.265	0.000
10	28.698	35.120	22.257	0.058
20	28.729	35.135	22.258	0.111
30	28.805	35.226	22.301	0.167
40	28.856	35.338	22.368	0.222
50	28.933	35.480	22.449	0.276
60	28.704	35.539	22.539	0.330
70	28.787	35.559	22.585	0.383
80	28.338	35.566	22.711	0.436
90	28.286	35.578	22.738	0.487
100	28.221	35.585	22.784	0.538
110	28.148	35.577	22.783	0.590
120	27.772	35.561	22.893	0.641
130	27.638	35.708	23.048	0.690
140	27.154	35.836	23.375	0.738
150	26.627	36.058	23.636	0.782
160	26.118	36.198	23.903	0.824
170	25.494	36.254	24.139	0.863
180	25.235	36.263	24.226	0.901
190	24.222	36.254	24.527	0.937
200	22.957	36.150	24.820	0.971
250	17.278	35.455	25.798	1.107
300	13.169	34.995	26.355	1.207
350	10.582	34.783	26.682	1.285
400	9.271	34.695	26.836	1.352
450	8.272	34.634	26.946	1.414
500	7.771	34.605	26.998	1.473
550	7.180	34.574	27.059	1.528
600	6.849	34.558	27.092	1.582
650	6.435	34.544	27.136	1.633
700	6.085	34.546	27.186	1.683
750	5.740	34.537	27.220	1.731
800	5.487	34.533	27.247	1.778
900	4.917	34.531	27.313	1.867
1000	4.482	34.536	27.365	1.950
1500	2.861	34.591	27.571	2.303
2000	2.101	34.637	27.673	2.583
2500	1.697	34.663	27.725	2.830
3000	1.458	34.677	27.754	3.061
3024	1.450	34.677	27.754	3.072

CAST GP8-95-MB -016 DATE 21 DEC 95 TIME 2349 GMT
 LAT 08 00.8S LONG 170 03.0W WEATHER SEA STATE 1
 BAROMETER 09 WIND DIR 350 T SPD 12 KT VISIBILITY 9
 CLOUD AMOUNT DRY 32.2 WET 26.5 DEPTH 5350 M



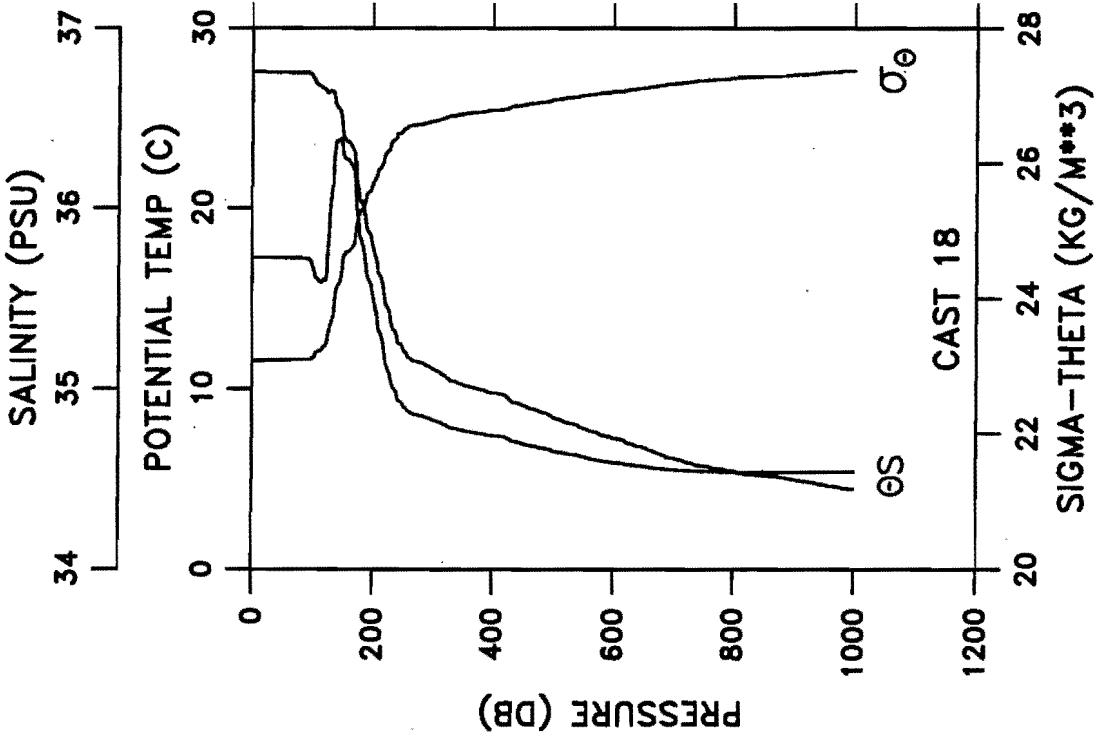
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.803	35.113	22.217	0.000
10	28.770	35.112	22.227	0.056
20	28.700	35.104	22.244	0.112
30	28.895	35.115	22.254	0.168
40	28.758	35.199	22.296	0.224
50	28.850	35.334	22.367	0.279
60	28.897	35.429	22.423	0.333
70	28.886	35.474	22.461	0.388
80	28.618	35.577	22.627	0.441
90	28.428	35.575	22.688	0.483
100	28.211	35.578	22.762	0.545
110	27.753	35.640	22.959	0.595
120	27.245	35.891	23.312	0.643
130	26.737	36.075	23.614	0.688
140	26.184	36.178	23.867	0.730
150	26.051	36.204	23.928	0.770
160	25.282	36.266	24.214	0.809
170	24.820	36.271	24.359	0.846
180	23.126	36.172	24.788	0.881
190	21.921	36.050	25.039	0.912
200	21.098	35.945	25.188	0.941
250	15.761	35.288	26.009	1.062
300	13.045	34.984	26.372	1.155
350	10.721	34.795	26.666	1.234
400	8.624	34.718	26.796	1.303
450	8.945	34.675	26.873	1.368
500	8.378	34.640	26.934	1.428
550	7.934	34.614	26.981	1.489
552	7.900	34.611	26.984	1.491

CAST GP8-95-MB -017 DATE 22 DEC 95 TIME 1510 GMT
 LAT 05 00.4S LONG 170 01.5W WEATHER SEA STATE
 BAROMETER 08 WIND DIR 040 T SPD 09 KT VISIBILITY
 CLOUD AMOUNT DRY 29.3 WET DEPTH 5400 M



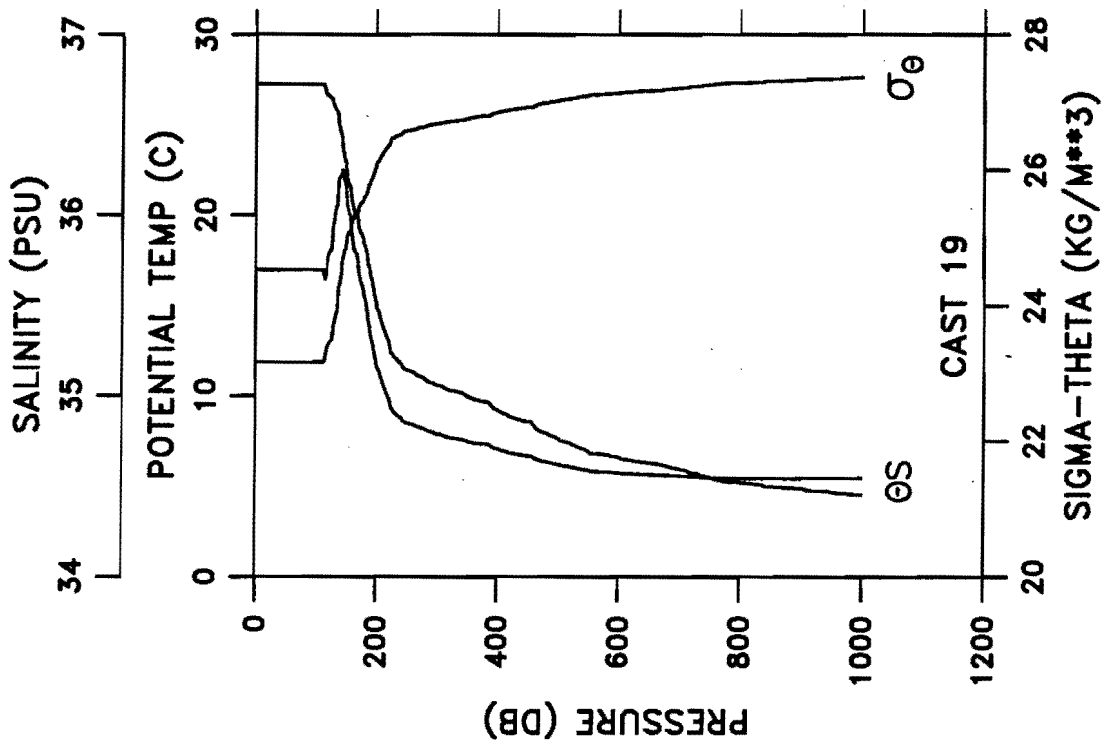
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.635	35.565	22.612	0.000
10	28.634	35.564	22.612	0.052
20	28.599	35.579	22.635	0.105
30	28.401	35.632	22.741	0.156
40	28.329	35.650	22.777	0.207
50	28.320	35.653	22.783	0.258
60	28.313	35.659	22.789	0.309
70	28.297	35.663	22.798	0.360
80	28.289	35.670	22.806	0.410
90	28.284	35.665	22.810	0.461
100	27.426	35.474	22.940	0.511
110	26.991	35.361	22.995	0.561
120	26.700	35.296	23.038	0.610
130	26.580	35.276	23.061	0.658
140	26.416	35.254	23.097	0.707
150	26.389	35.303	23.142	0.755
160	26.333	35.340	23.187	0.803
170	25.912	35.617	23.528	0.849
180	25.618	35.731	23.706	0.892
190	25.004	36.031	24.122	0.933
200	21.309	35.901	25.097	0.966
250	13.634	35.062	26.312	1.072
300	11.751	34.894	26.554	1.156
350	10.547	34.795	26.697	1.230
400	9.758	34.738	26.789	1.298
450	9.084	34.693	26.864	1.363
500	8.501	34.658	26.929	1.425
550	7.861	34.623	26.999	1.485
600	7.186	34.590	27.069	1.541
650	6.851	34.576	27.105	1.594
700	6.270	34.558	27.170	1.646
750	5.744	34.547	27.227	1.694
800	5.408	34.542	27.264	1.740
855	4.855	34.541	27.328	1.827
1000	4.386	34.548	27.388	1.909
1500	2.856	34.803	27.582	2.249
2000	2.101	34.842	27.677	2.523
2500	1.725	34.864	27.724	2.771
2511	1.722	34.864	27.724	2.776

CAST GP8-95-MB -018 DATE 26 DEC 95 TIME 0627 GMT
 LAT 05 00.8S LONG 154 59.4W WEATHER 1 SEA STATE
 BAROMETER 53 WIND DIR 008 T SPD 14 KT VISIBILITY
 CLOUD 2 AMOUNT 2 DRY 26.8 WET 23.1 DEPTH 4882 M



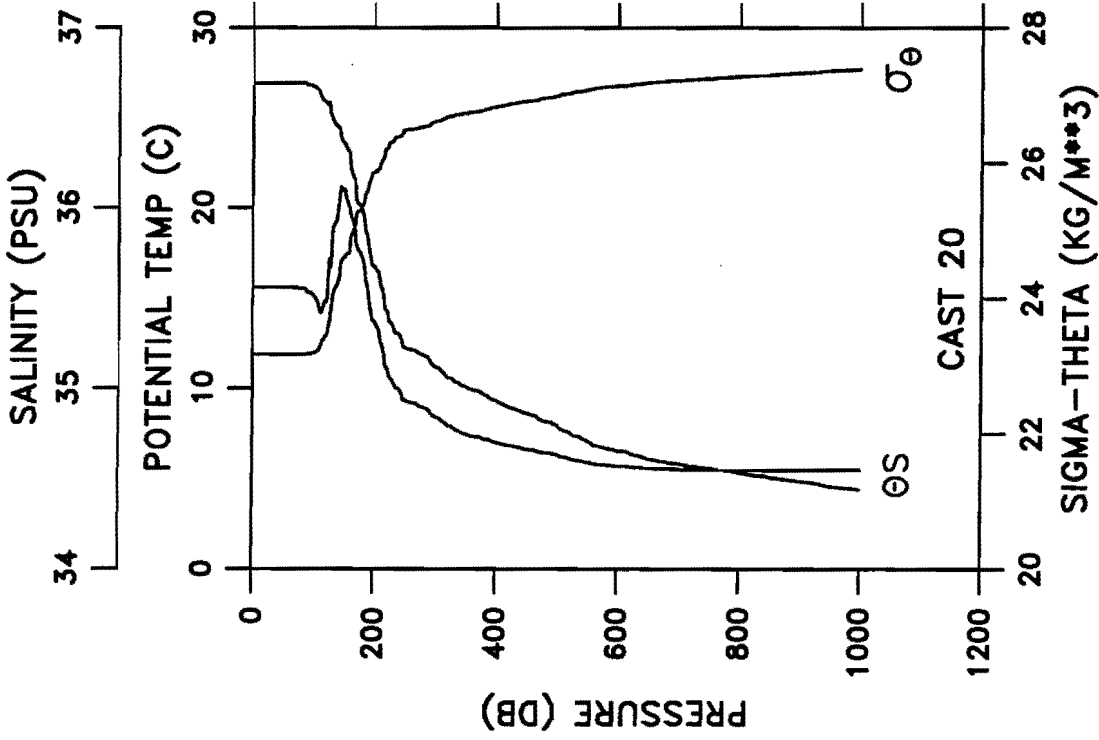
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.595	35.728	23.077	0.000
10	27.588	35.727	23.078	0.048
20	27.587	35.726	23.078	0.096
30	27.544	35.726	23.091	0.144
40	27.539	35.726	23.093	0.191
50	27.534	35.725	23.094	0.239
60	27.530	35.725	23.095	0.287
70	27.525	35.724	23.096	0.335
80	27.522	35.724	23.097	0.383
90	27.509	35.721	23.099	0.431
100	27.334	35.676	23.122	0.479
110	26.835	35.599	23.224	0.527
120	26.637	35.601	23.289	0.573
130	26.529	36.001	23.624	0.618
140	25.700	36.375	24.167	0.659
150	24.374	36.322	24.532	0.696
160	23.670	36.263	24.698	0.730
170	23.091	36.201	24.820	0.762
180	20.376	35.828	25.295	0.791
190	18.882	35.635	25.538	0.818
200	17.898	35.508	25.687	0.843
250	12.221	34.909	26.476	0.939
300	11.108	34.826	26.621	1.015
350	10.258	34.768	26.727	1.087
400	9.786	34.739	26.784	1.155
450	9.090	34.695	26.865	1.221
500	8.398	34.654	26.942	1.283
550	7.799	34.622	27.007	1.342
600	7.239	34.591	27.063	1.397
650	6.728	34.570	27.118	1.451
700	6.155	34.552	27.179	1.501
750	5.731	34.543	27.225	1.549
800	5.433	34.539	27.259	1.595
900	4.974	34.538	27.312	1.684
1000	4.428	34.543	27.377	1.767
1013	4.407	34.542	27.379	1.777

CAST GP8-95-MB -019 DATE 26 DEC 95 TIME 1242 GMT
 LAT 04 00.0S LONG 154 42.5W WEATHER SEA STATE
 BAROMETER 11 WIND DIR 101 T SPD 05 KT VISIBILITY
 CLOUD AMOUNT DRY 27.4 WET DEPTH 4644 M



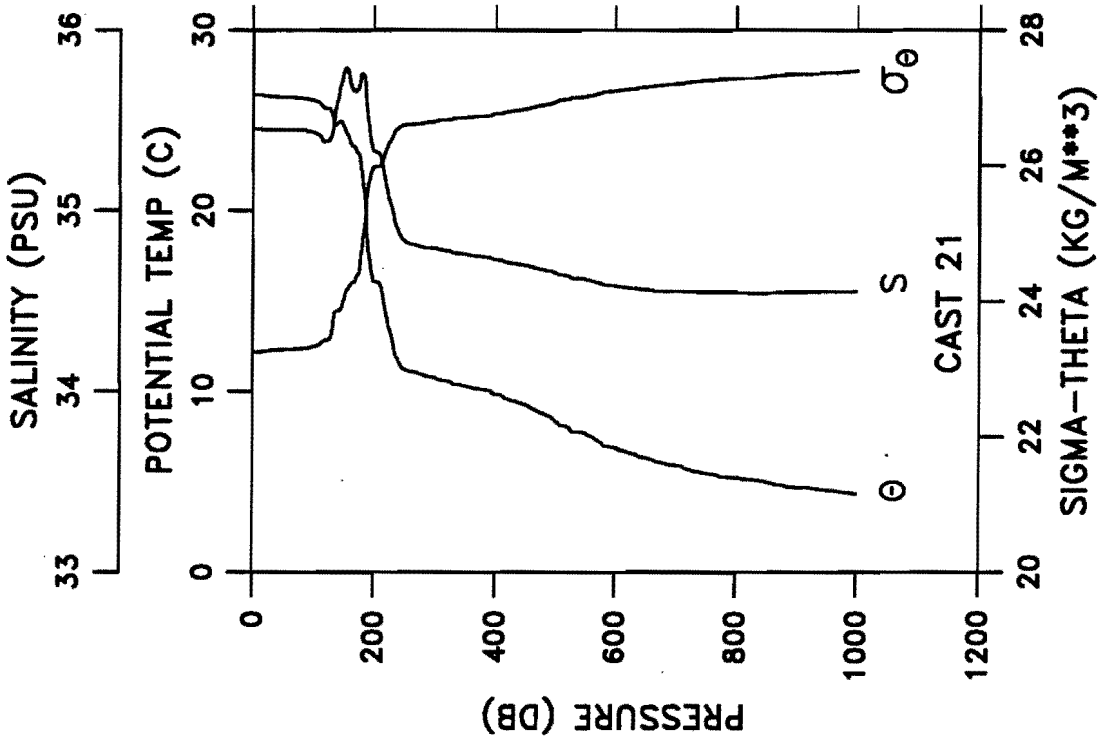
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.263	35.698	23.162	0.000
10	27.261	35.697	23.161	0.047
20	27.264	35.697	23.160	0.084
30	27.262	35.697	23.161	0.141
40	27.263	35.697	23.160	0.188
50	27.262	35.697	23.161	0.236
60	27.263	35.697	23.160	0.283
70	27.253	35.697	23.164	0.330
80	27.263	35.697	23.161	0.378
90	27.250	35.698	23.165	0.425
100	27.237	35.697	23.169	0.472
110	27.221	35.694	23.172	0.520
120	26.614	35.769	23.422	0.568
130	26.049	35.965	23.748	0.610
140	24.647	36.213	24.368	0.650
150	22.639	36.124	24.892	0.683
160	20.681	35.876	25.249	0.712
170	19.710	35.724	25.392	0.739
180	18.368	35.545	25.599	0.765
190	16.818	35.351	25.828	0.788
200	15.103	35.171	26.082	0.809
250	11.449	34.852	26.579	0.893
300	10.588	34.792	26.888	0.967
350	9.995	34.751	26.759	1.036
400	9.238	34.707	26.851	1.103
450	8.589	34.669	26.924	1.164
500	7.675	34.622	27.025	1.222
550	6.904	34.588	27.108	1.276
600	6.608	34.575	27.137	1.327
650	6.296	34.565	27.171	1.377
700	5.961	34.558	27.208	1.425
750	5.497	34.548	27.258	1.472
800	5.226	34.545	27.288	1.516
900	4.885	34.544	27.327	1.602
1000	4.531	34.547	27.369	1.684
1003	4.531	34.547	27.369	1.688

CAST GP8-85-MB -020 DATE 26 DEC 95 TIME 1824 GMT
 LAT 02 59.8S LONG 154 51.2W WEATHER SEA STATE 3
 BAROMETER 15 WIND DIR 095 T SPD 22 KT VISIBILITY
 CLOUD AMOUNT DRY 27.7 WET DEPTH 4900 M



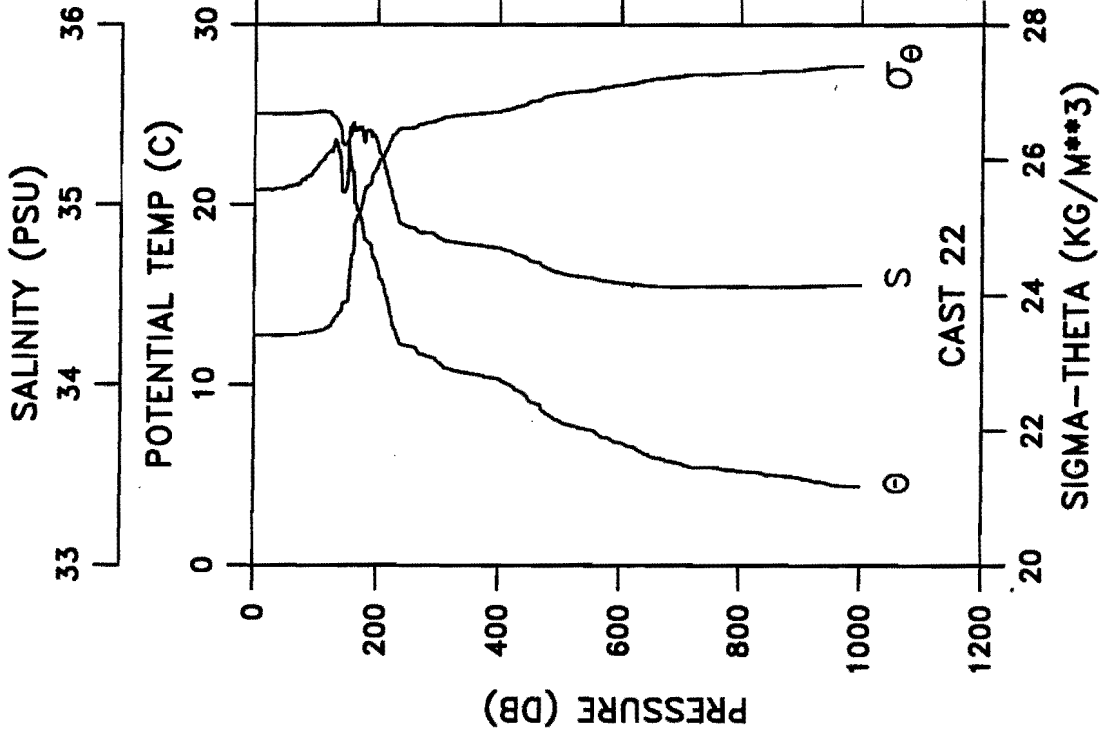
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-0 (DYN-M)
0	26.925	35.562	23.167	0.000
10	26.923	35.560	23.166	0.047
20	26.927	35.560	23.165	0.094
30	26.925	35.559	23.165	0.141
40	26.926	35.560	23.165	0.188
50	26.923	35.559	23.165	0.235
60	26.923	35.559	23.166	0.283
70	26.914	35.557	23.167	0.330
80	26.901	35.553	23.168	0.377
90	26.825	35.532	23.177	0.425
100	26.753	35.517	23.188	0.472
110	26.390	35.443	23.247	0.519
120	25.862	35.484	23.437	0.565
130	25.107	35.725	23.859	0.608
140	24.498	35.961	24.222	0.647
150	23.594	36.101	24.597	0.682
160	23.038	36.001	24.684	0.716
170	20.883	35.808	25.197	0.746
180	19.805	35.726	25.342	0.774
190	18.217	35.535	25.629	0.799
200	16.791	35.371	25.850	0.822
250	12.273	34.934	26.488	0.915
300	11.211	34.844	26.618	0.984
350	10.112	34.748	26.737	1.065
400	9.329	34.701	26.831	1.132
450	8.641	34.665	26.913	1.195
500	7.980	34.635	26.989	1.254
550	7.101	34.592	27.084	1.309
600	6.539	34.570	27.143	1.380
650	6.103	34.559	27.191	1.410
700	5.842	34.553	27.220	1.457
750	5.596	34.549	27.247	1.504
800	5.340	34.548	27.277	1.549
900	4.866	34.546	27.331	1.635
1000	4.397	34.550	27.386	1.716
1015	4.370	34.550	27.389	1.728

CAST GP8-85-MB -021 DATE 27 DEC 95 TIME 0140 GMT
 LAT 01 58.1S LONG 155 01.6W WEATHER SEA STATE 3
 BAROMETER 11 WIND DIR 080 T SPD 16 KT VISIBILITY
 CLOUD AMOUNT DRY 28.8 WET DEPTH 4972 M



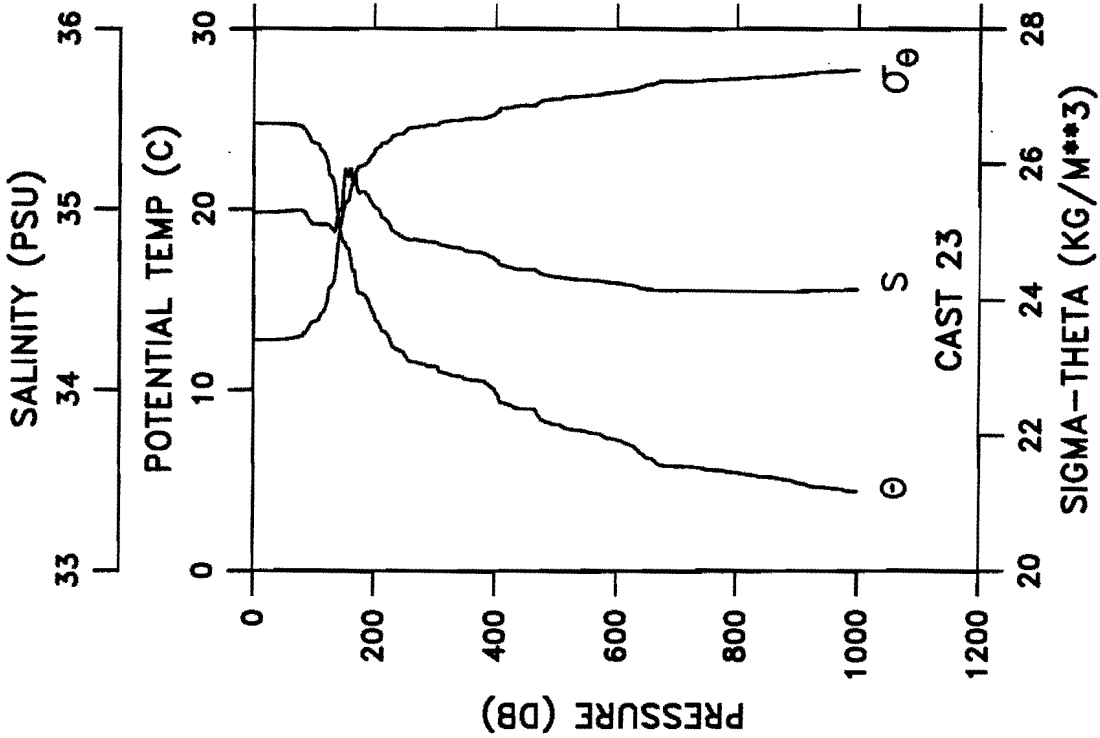
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.431	35.456	23.244	0.000
10	26.428	35.454	23.244	0.046
20	26.366	35.452	23.262	0.092
30	26.329	35.450	23.272	0.139
40	26.307	35.450	23.278	0.185
50	26.284	35.449	23.282	0.231
60	26.286	35.449	23.284	0.277
70	26.267	35.447	23.289	0.323
80	26.239	35.445	23.296	0.369
90	26.188	35.442	23.307	0.415
100	26.115	35.434	23.327	0.461
110	25.975	35.418	23.358	0.507
120	25.896	35.385	23.420	0.552
130	25.461	35.416	23.516	0.597
140	24.853	35.613	23.851	0.639
150	24.693	35.764	24.014	0.680
160	23.903	35.728	24.223	0.718
170	23.394	35.658	24.320	0.755
180	22.188	35.780	24.744	0.790
190	17.870	35.511	25.697	0.819
200	16.096	35.331	25.983	0.841
250	11.241	34.836	26.604	0.929
300	10.777	34.783	26.655	1.003
350	10.315	34.780	26.711	1.074
400	9.850	34.731	26.768	1.143
450	9.272	34.699	26.839	1.210
500	8.381	34.658	26.948	1.272
550	7.706	34.621	27.020	1.330
600	6.917	34.586	27.104	1.384
650	6.349	34.565	27.164	1.434
700	5.924	34.558	27.212	1.483
750	5.484	34.551	27.262	1.529
800	5.227	34.547	27.289	1.573
900	4.697	34.550	27.353	1.658
1000	4.326	34.555	27.398	1.738
1500	2.780	34.609	27.593	2.082
2000	2.093	34.647	27.682	2.355
2500	1.730	34.663	27.723	2.600
3000	1.425	34.676	27.756	2.832
3043	1.403	34.676	27.758	2.851

CAST GP8-95-MB -022 DATE 27 DEC 95 TIME 1026 GMT
 LAT 01 00.3S LONG 154 59.9W WEATHER SEA STATE
 BAROMETER 11 WIND DIR 085 T SPD 18 KT VISIBILITY
 CLOUD AMOUNT DRY 25.6 WET DEPTH 4733 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.025	35.080	23.396	0.000
10	25.030	35.083	23.396	0.045
20	25.031	35.083	23.396	0.080
30	25.028	35.081	23.396	0.135
40	25.033	35.090	23.401	0.179
50	25.036	35.097	23.406	0.224
60	25.039	35.102	23.408	0.269
70	25.042	35.105	23.410	0.314
80	25.088	35.139	23.427	0.359
90	25.089	35.157	23.435	0.404
100	25.142	35.208	23.457	0.449
110	25.169	35.244	23.476	0.493
120	25.135	35.285	23.517	0.538
130	24.890	35.350	23.641	0.581
140	24.292	35.255	23.749	0.624
150	23.376	35.094	23.898	0.665
160	21.872	35.452	24.599	0.702
170	19.581	35.417	25.191	0.732
180	18.048	35.360	25.537	0.759
190	17.756	35.408	25.646	0.783
200	16.531	35.343	25.889	0.808
250	12.158	34.877	26.484	0.896
300	11.284	34.820	26.588	0.975
350	10.655	34.781	26.667	1.049
400	10.340	34.761	26.707	1.120
450	9.133	34.693	26.857	1.188
500	8.024	34.626	26.976	1.249
550	7.540	34.587	27.025	1.306
600	6.819	34.567	27.103	1.360
650	6.065	34.551	27.190	1.411
700	5.667	34.546	27.236	1.458
750	5.455	34.548	27.263	1.503
800	5.240	34.545	27.287	1.547
900	4.883	34.546	27.329	1.634
1000	4.401	34.557	27.391	1.714
1002	4.399	34.557	27.391	1.716

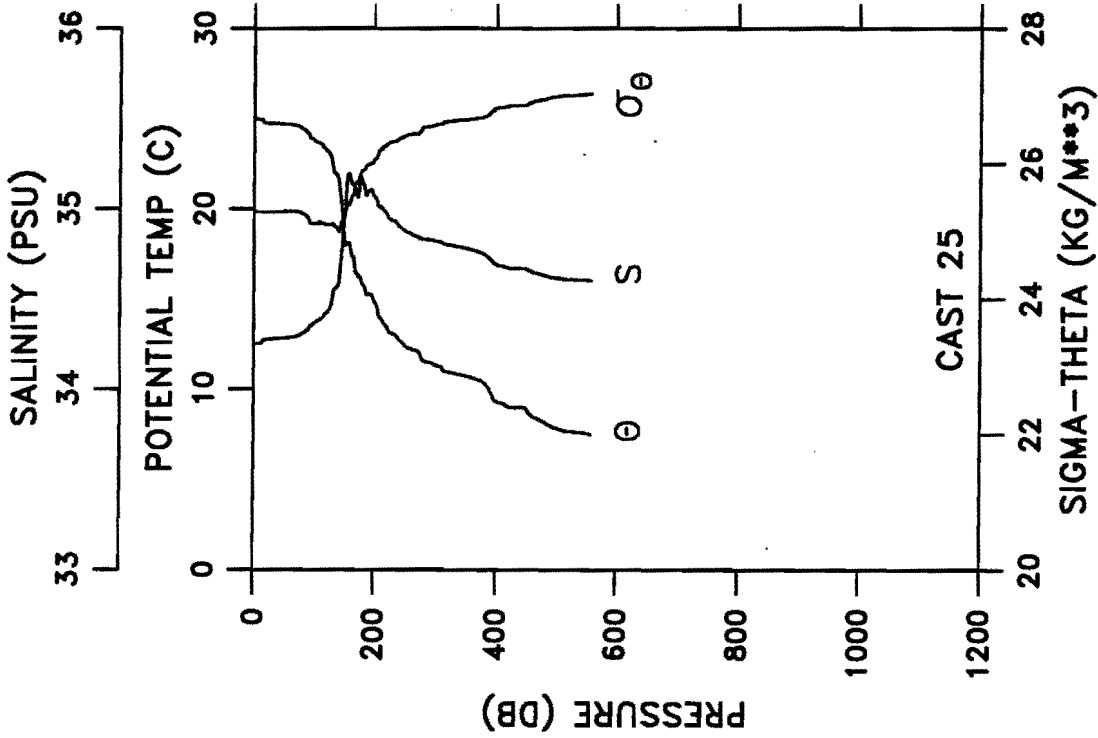
CAST GP8-95-MB -023 DATE 27 DEC 95 TIME 1616 GMT
 LAT 00 01.1N LONG 155 01.2W WEATHER SEA STATE
 BAROMETER 12 WIND DIR 085 T SPD 12 KT VISIBILITY
 CLOUD AMOUNT DRY DIR 25.2 WET DEPTH 4676 M



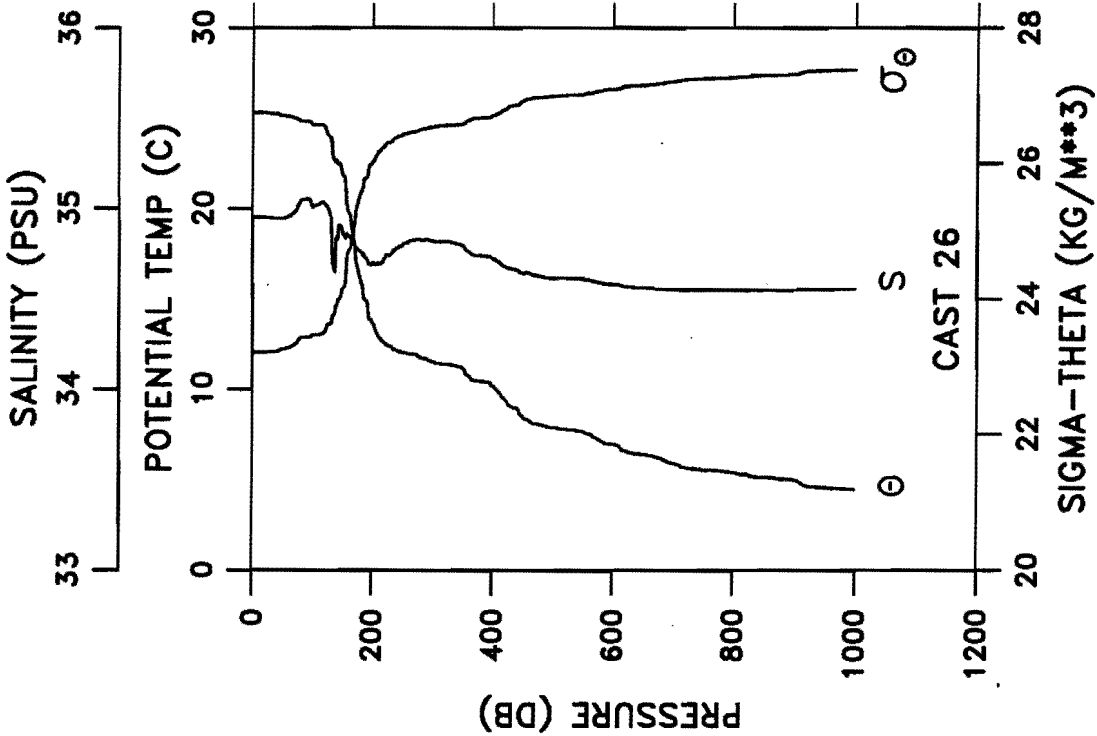
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.762	34.985	23.404	0.000
10	24.761	34.984	23.403	0.045
20	24.760	34.984	23.404	0.089
30	24.760	34.984	23.404	0.134
40	24.754	34.985	23.406	0.179
50	24.738	34.988	23.413	0.224
60	24.706	34.983	23.426	0.269
70	24.661	34.986	23.442	0.313
80	24.600	34.995	23.460	0.358
90	24.158	34.957	23.564	0.402
100	23.690	34.918	23.673	0.445
110	23.403	34.917	23.755	0.487
120	22.874	34.915	23.907	0.529
130	21.731	34.895	24.215	0.567
140	19.628	34.982	24.847	0.603
150	18.157	35.166	25.361	0.632
160	17.431	35.210	25.573	0.657
170	15.981	35.174	25.897	0.681
180	15.333	35.096	25.973	0.702
190	14.987	35.075	26.033	0.722
200	14.191	35.017	26.161	0.742
250	11.838	34.841	26.478	0.828
300	11.300	34.819	26.590	0.905
350	10.622	34.772	26.666	0.979
400	9.910	34.722	26.751	1.051
450	8.985	34.668	26.865	1.115
500	8.108	34.627	26.965	1.177
550	7.704	34.609	27.011	1.234
600	7.253	34.592	27.063	1.290
650	6.263	34.558	27.170	1.343
700	5.778	34.551	27.226	1.390
750	5.608	34.549	27.245	1.436
800	5.446	34.547	27.264	1.482
850	4.882	34.547	27.329	1.570
1000	4.396	34.557	27.392	1.651
1003	4.393	34.557	27.392	1.653

CAST GP8-95-MB -025 DATE 28 DEC 95 TIME 0404 GMT
 LAT 00 00.55 LONG 155 00.3W WEATHER SEA STATE
 BAROMETER 12 WIND DIR 090 T SPD 15 KT VISIBILITY
 CLOUD AMOUNT DRY 25.1 WET DEPTH 4670 M

PRES (DB)	POT TEMP (C)	SAL (FSU)	SIG-TH	DELTA-D (DYN-M)
0	24.970	34.986	23.342	0.000
10	24.955	34.984	23.345	0.045
20	24.780	34.982	23.402	0.090
30	24.735	34.983	23.410	0.135
40	24.714	34.984	23.418	0.180
50	24.691	34.986	23.426	0.225
60	24.675	34.986	23.431	0.269
70	24.621	34.986	23.447	0.314
80	24.435	34.974	23.484	0.358
90	24.166	34.947	23.554	0.402
100	23.783	34.919	23.646	0.446
110	23.601	34.921	23.701	0.488
120	23.254	34.913	23.786	0.530
130	22.589	34.918	23.991	0.571
140	21.691	34.884	24.217	0.609
150	18.289	34.970	25.179	0.643
160	17.907	35.177	25.431	0.689
170	16.413	35.094	25.725	0.694
180	15.821	35.151	25.905	0.716
190	15.265	35.097	25.989	0.738
200	14.862	35.071	26.057	0.758
250	12.446	34.880	26.410	0.848
300	11.345	34.821	26.573	0.928
350	10.736	34.780	26.652	1.002
400	9.336	34.692	26.823	1.073
450	8.941	34.667	26.867	1.137
500	7.855	34.616	26.994	1.196
550	7.550	34.604	27.029	1.253
558	7.496	34.600	27.034	1.262

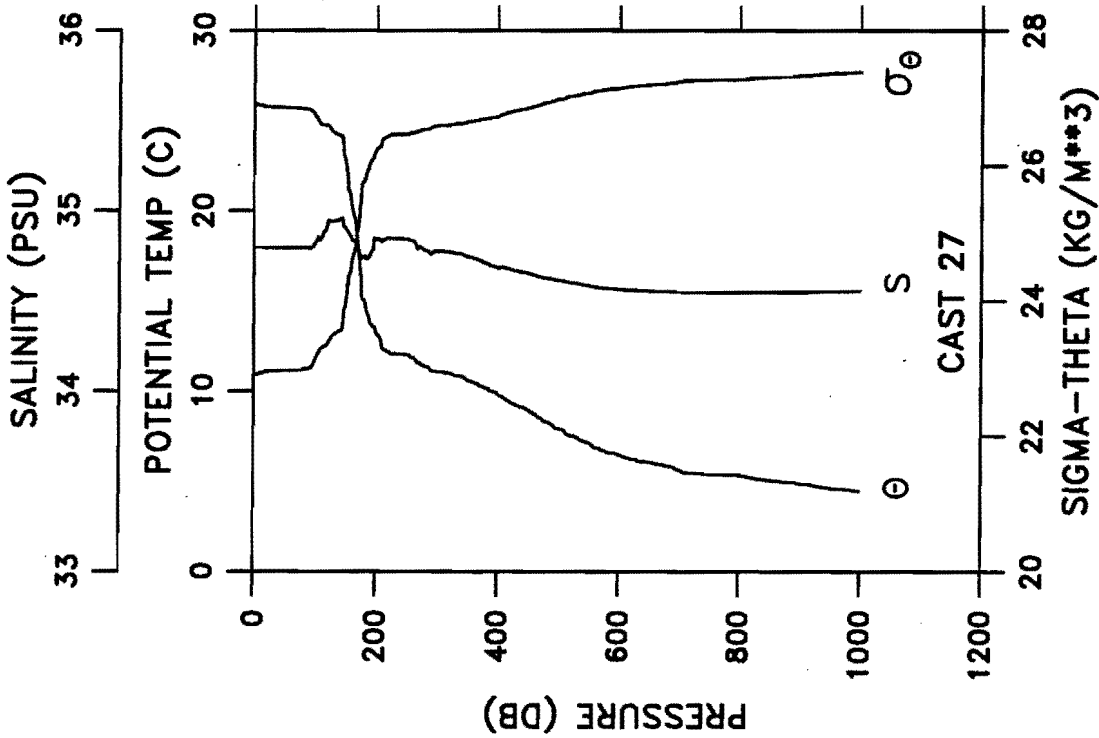


CAST GP8-95-MB -026 DATE 28 DEC 95 TIME 0947 GMT
 LAT 00 59.8N LONG 155 01.9W WEATHER SEA STATE
 BAROMETER 11 WIND DIR 088 T SPD 13 KT VISIBILITY
 CLOUD AMOUNT DRY 25.7 WET DEPTH 4742 M



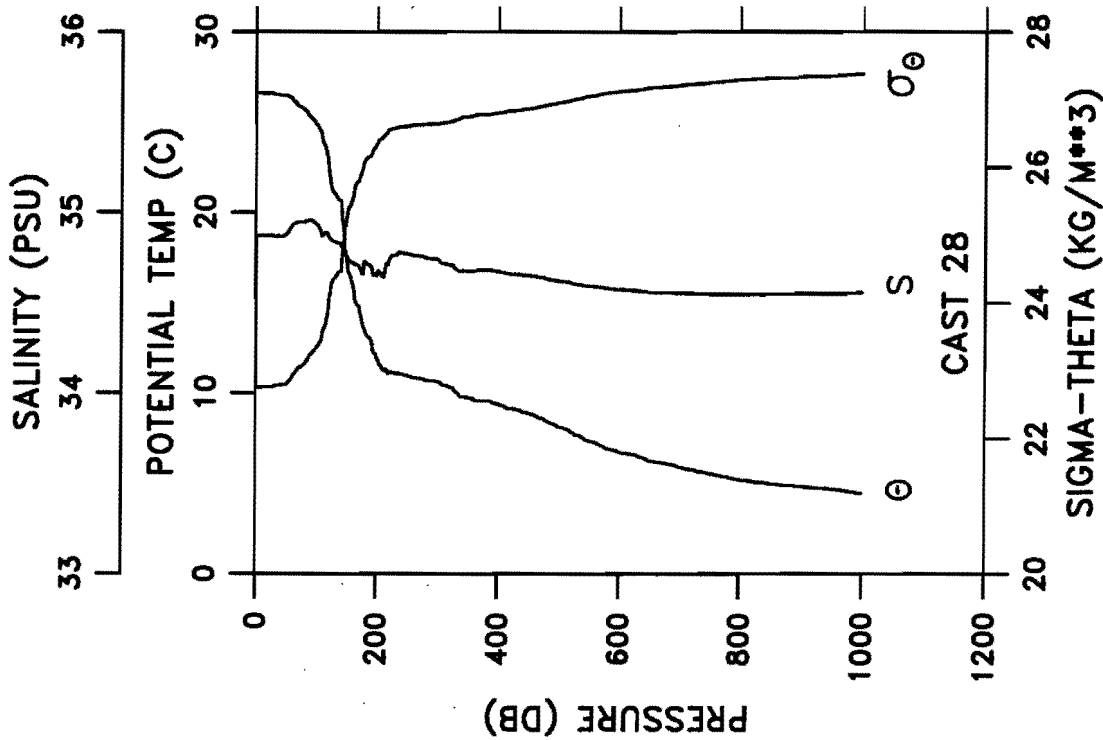
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.289	34.954	23.217	0.000
10	25.303	34.951	23.214	0.047
20	25.302	34.951	23.214	0.093
30	25.261	34.948	23.224	0.140
40	25.243	34.947	23.228	0.186
50	25.132	34.947	23.262	0.233
60	25.088	34.956	23.283	0.279
70	25.002	34.981	23.328	0.325
80	24.832	35.044	23.428	0.370
90	24.825	35.052	23.436	0.415
100	24.609	35.008	23.467	0.460
110	24.643	35.024	23.469	0.504
120	24.525	35.027	23.507	0.549
130	23.912	34.953	23.634	0.592
140	22.688	34.843	23.906	0.634
150	21.876	34.866	24.152	0.673
160	18.764	34.849	24.710	0.709
170	18.078	34.796	25.098	0.740
180	16.019	34.757	25.557	0.767
190	14.862	34.720	25.787	0.790
200	13.676	34.702	26.025	0.811
250	12.060	34.796	26.420	0.902
300	11.548	34.820	26.535	0.982
350	11.188	34.794	26.581	1.060
400	10.191	34.724	26.704	1.133
450	8.498	34.640	26.916	1.199
500	7.865	34.613	26.990	1.257
550	7.858	34.610	27.018	1.314
600	6.959	34.581	27.095	1.369
650	6.398	34.563	27.158	1.419
700	5.911	34.552	27.210	1.468
750	5.531	34.550	27.255	1.514
800	5.393	34.548	27.271	1.560
900	4.980	34.548	27.319	1.647
1000	4.458	34.557	27.385	1.728
1004	4.440	34.556	27.387	1.731

CAST GP8-95-MB -027 DATE 29 DEC 95 TIME 0135 GMT
 LAT 02 02.8N LONG 154 57.0W WEATHER SEA STATE
 BAROMETER 10 WIND DIR 135 T SPD 15 KT VISIBILITY
 CLOUD AMOUNT DRY 29.2 WET DEPTH 4700 M



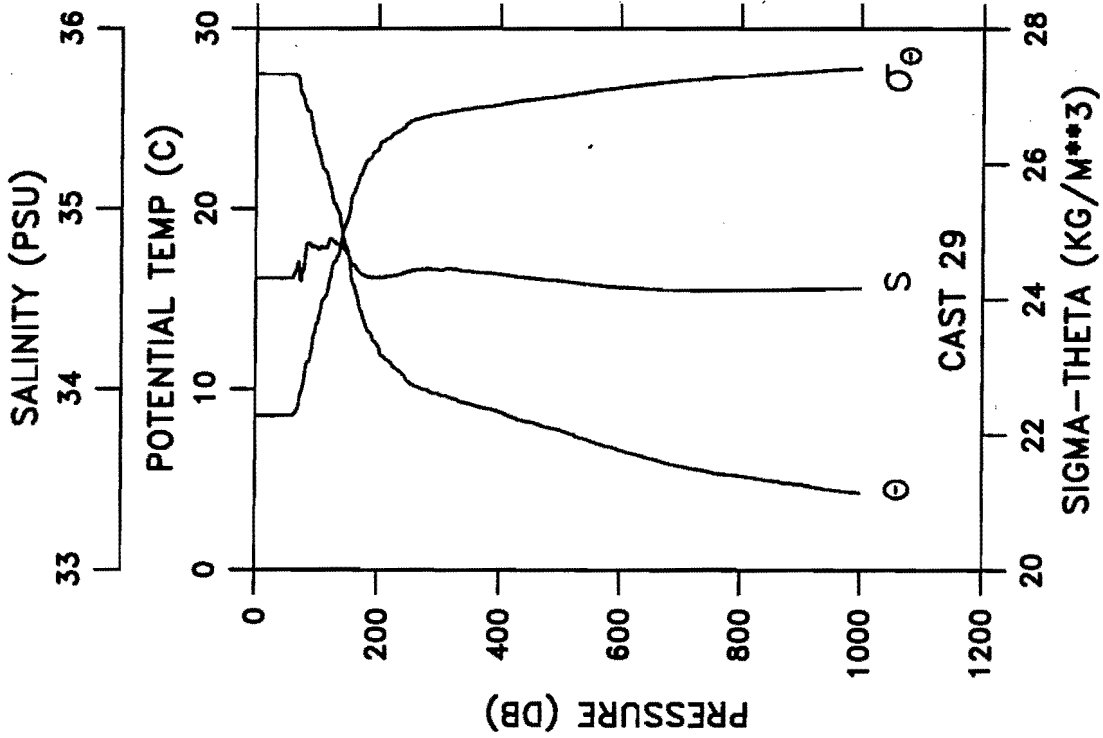
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.890	34.798	22.917	0.000
10	25.828	34.796	22.935	0.049
20	25.762	34.795	22.954	0.098
30	25.746	34.795	22.959	0.148
40	25.735	34.795	22.963	0.197
50	25.721	34.795	22.967	0.246
60	25.703	34.795	22.973	0.295
70	25.685	34.794	22.978	0.344
80	25.650	34.794	22.988	0.393
90	25.597	34.791	23.003	0.442
100	25.236	34.819	23.134	0.491
110	24.772	34.845	23.294	0.537
120	24.743	34.930	23.368	0.583
130	24.345	34.943	23.497	0.628
140	24.168	34.950	23.556	0.672
150	22.683	34.901	23.951	0.715
160	20.240	34.844	24.581	0.751
170	18.113	34.783	25.079	0.783
180	15.044	34.740	25.762	0.809
190	13.732	34.751	26.051	0.830
200	13.164	34.838	26.235	0.849
250	12.015	34.841	26.463	0.933
300	11.076	34.774	26.586	1.011
350	10.596	34.743	26.648	1.086
400	9.831	34.680	26.731	1.158
450	8.956	34.652	26.853	1.224
500	7.915	34.613	26.983	1.285
550	7.129	34.583	27.073	1.341
600	6.479	34.584	27.146	1.392
650	6.068	34.555	27.192	1.441
700	5.633	34.549	27.242	1.488
750	5.405	34.545	27.267	1.533
800	5.336	34.545	27.276	1.578
900	4.876	34.549	27.332	1.664
1000	4.453	34.556	27.385	1.746
1013	4.423	34.556	27.388	1.756

CAST GP8-85-MB -028 DATE 29 DEC 95 TIME 0732 GMT
 LAT 02 59.8N LONG 154 55.4W WEATHER SEA STATE
 BAROMETER 10 WIND DIR 074 T SPD 05 KT VISIBILITY
 CLOUD AMOUNT DRY 27.4 WET DEPTH 4742 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DTN-M)
0	26.600	34.872	22.751	0.000
10	26.582	34.872	22.756	0.051
20	26.581	34.871	22.756	0.102
30	26.539	34.867	22.766	0.153
40	26.469	34.865	22.787	0.204
50	26.460	34.876	22.797	0.254
60	26.259	34.922	22.895	0.305
70	25.868	34.947	23.036	0.354
80	25.667	34.945	23.087	0.402
90	25.245	34.956	23.235	0.450
100	24.847	34.933	23.339	0.496
110	24.006	34.869	23.542	0.541
120	22.721	34.872	23.918	0.583
130	21.058	34.836	24.355	0.621
140	20.649	34.826	24.458	0.656
150	17.389	34.756	25.235	0.688
160	15.966	34.717	25.539	0.714
170	14.782	34.699	25.788	0.737
180	13.427	34.724	26.093	0.758
190	12.920	34.697	26.175	0.777
200	11.870	34.648	26.341	0.795
250	10.983	34.769	26.600	0.873
300	10.649	34.739	26.635	0.946
350	9.750	34.674	26.740	1.018
400	9.391	34.672	26.798	1.085
450	8.882	34.650	26.863	1.150
500	8.147	34.619	26.953	1.211
550	7.345	34.591	27.049	1.269
600	6.750	34.573	27.117	1.322
650	6.249	34.560	27.173	1.373
700	5.820	34.552	27.209	1.421
750	5.541	34.548	27.253	1.468
800	5.219	34.546	27.290	1.512
900	4.851	34.550	27.335	1.568
1000	4.460	34.557	27.385	1.679
1014	4.359	34.559	27.397	1.690

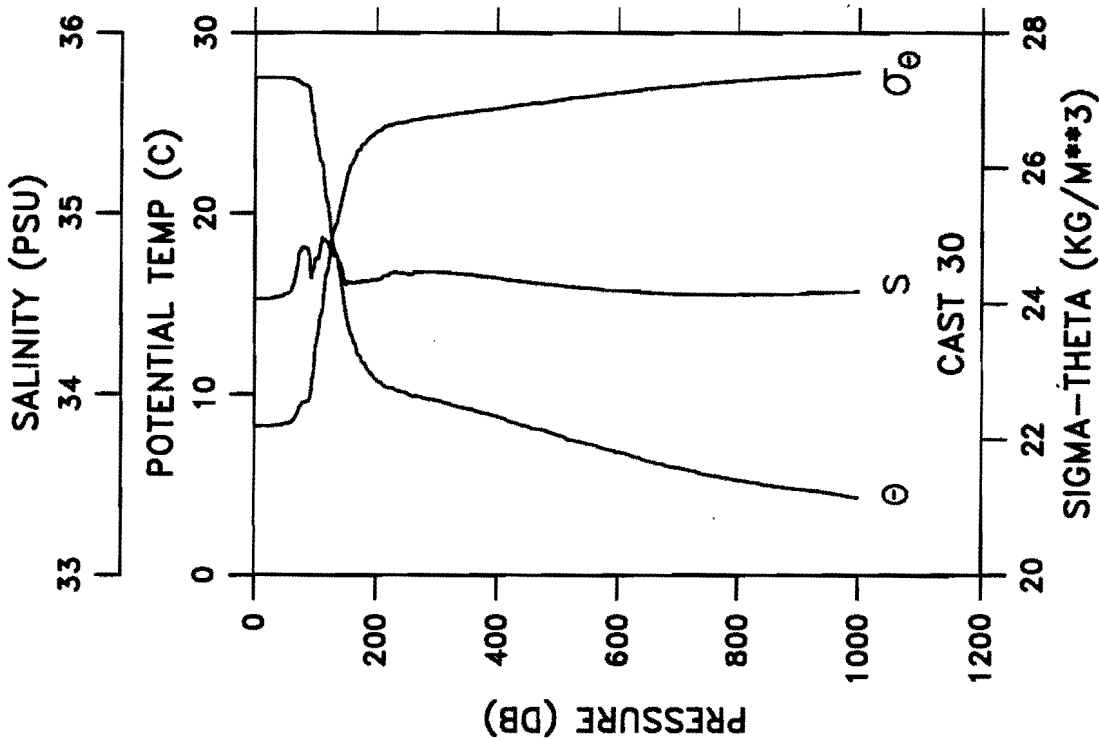
CAST GP8-95-MB -029 DATE 29 DEC 95 TIME 1326 GMT
 LAT 03 59.9N LONG 154 56.2W WEATHER SEA STATE
 BAROMETER 08 WIND DIR 140 T SPD 18 KT VISIBILITY
 CLOUD AMOUNT DRY 27.8 WET DEPTH 4963 M



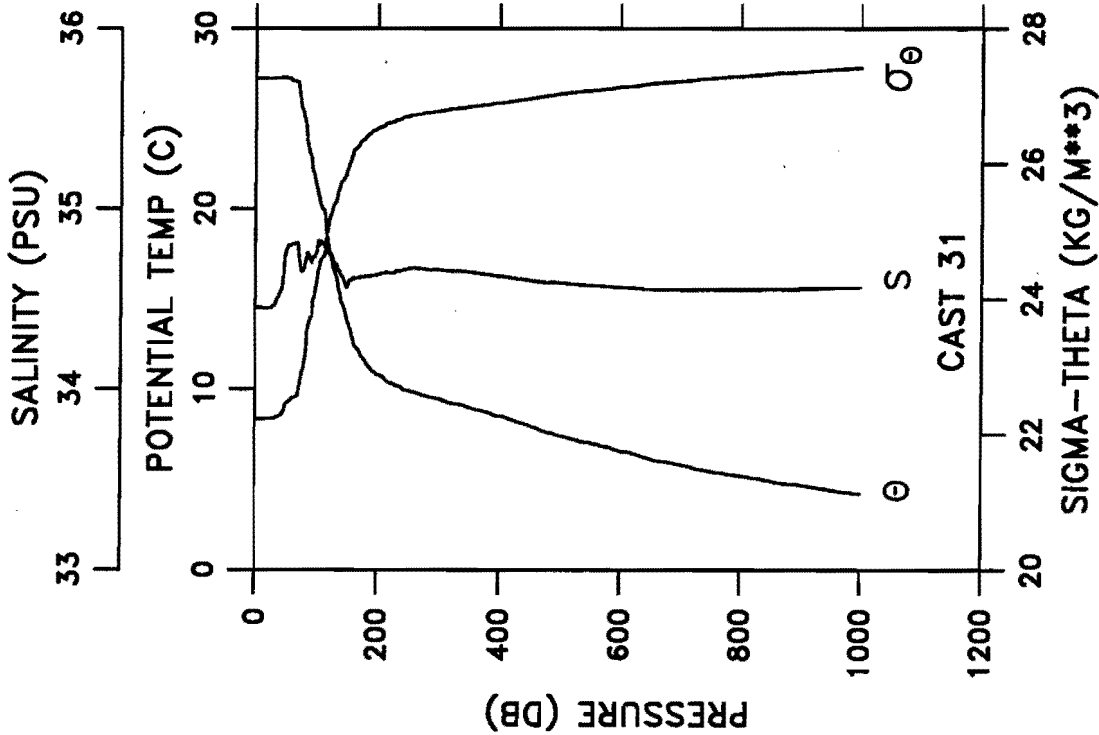
PRES (DB)	POT TEMP (C)	SAL (FSU)	SIG-TH	DELTA-D (DYN-M)
0	27.475	34.616	22.278	0.000
10	27.474	34.615	22.278	0.055
20	27.471	34.616	22.279	0.111
30	27.474	34.616	22.278	0.167
40	27.471	34.616	22.280	0.222
50	27.470	34.616	22.280	0.278
60	27.473	34.616	22.279	0.334
70	27.248	34.705	22.419	0.389
80	25.811	34.690	22.660	0.441
90	24.986	34.802	23.187	0.490
100	23.477	34.785	23.634	0.535
110	22.258	34.785	23.983	0.576
120	21.448	34.819	24.235	0.615
130	20.254	34.815	24.554	0.650
140	19.046	34.799	24.857	0.683
150	17.689	34.751	25.159	0.713
160	15.770	34.689	25.562	0.739
170	14.390	34.845	25.831	0.763
180	13.432	34.627	26.017	0.784
190	12.909	34.614	26.112	0.804
200	12.411	34.618	26.214	0.823
250	10.424	34.652	26.907	0.905
300	9.715	34.661	26.735	0.975
350	9.215	34.654	26.812	1.042
400	8.754	34.638	26.875	1.105
450	8.194	34.617	26.944	1.166
500	7.761	34.601	26.986	1.224
550	7.152	34.581	27.068	1.280
600	6.621	34.565	27.128	1.332
650	6.157	34.556	27.182	1.382
700	5.735	34.550	27.231	1.429
750	5.426	34.548	27.267	1.475
800	5.207	34.550	27.294	1.519
900	4.751	34.555	27.351	1.603
1000	4.278	34.563	27.409	1.682
1001	4.271	34.563	27.410	1.683

CAST GP8-85-MB -030 DATE 30 DEC 85 TIME 0539 GMT
 LAT 05 00.0N LONG 154 55.5W WEATHER SEA STATE
 BAROMETER 11 WIND DIR 083 T SPD 08 KT VISIBILITY
 CLOUD AMOUNT DRY 27.0 WET 23.0 DEPTH 4584 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-D (DYN-M)
0	27.522	34.530	22.198	0.000
10	27.516	34.528	22.199	0.056
20	27.525	34.527	22.195	0.113
30	27.517	34.532	22.201	0.169
40	27.499	34.540	22.213	0.225
50	27.488	34.553	22.233	0.281
60	27.438	34.575	22.259	0.337
70	27.338	34.703	22.388	0.393
80	27.100	34.811	22.546	0.447
90	26.847	34.786	22.592	0.500
100	24.260	34.751	23.378	0.550
110	22.839	34.845	23.864	0.593
120	20.583	34.841	24.487	0.630
130	18.025	34.784	25.086	0.662
140	16.698	34.725	25.375	0.690
150	14.432	34.602	25.789	0.714
160	13.196	34.615	26.056	0.735
170	12.175	34.621	26.262	0.754
180	11.704	34.622	26.352	0.771
190	11.208	34.627	26.448	0.788
200	10.812	34.632	26.523	0.804
250	10.090	34.666	26.676	0.877
300	9.659	34.673	26.755	0.945
350	9.202	34.661	26.821	1.011
400	8.771	34.642	26.874	1.075
450	8.244	34.621	26.939	1.136
500	7.747	34.601	26.998	1.194
550	7.264	34.586	27.056	1.250
600	6.783	34.573	27.113	1.303
650	6.290	34.561	27.169	1.353
700	5.833	34.554	27.208	1.402
750	5.548	34.552	27.255	1.448
800	5.234	34.551	27.292	1.483
800	4.764	34.555	27.350	1.577
1000	4.263	34.588	27.415	1.657
1028	4.168	34.569	27.428	1.678



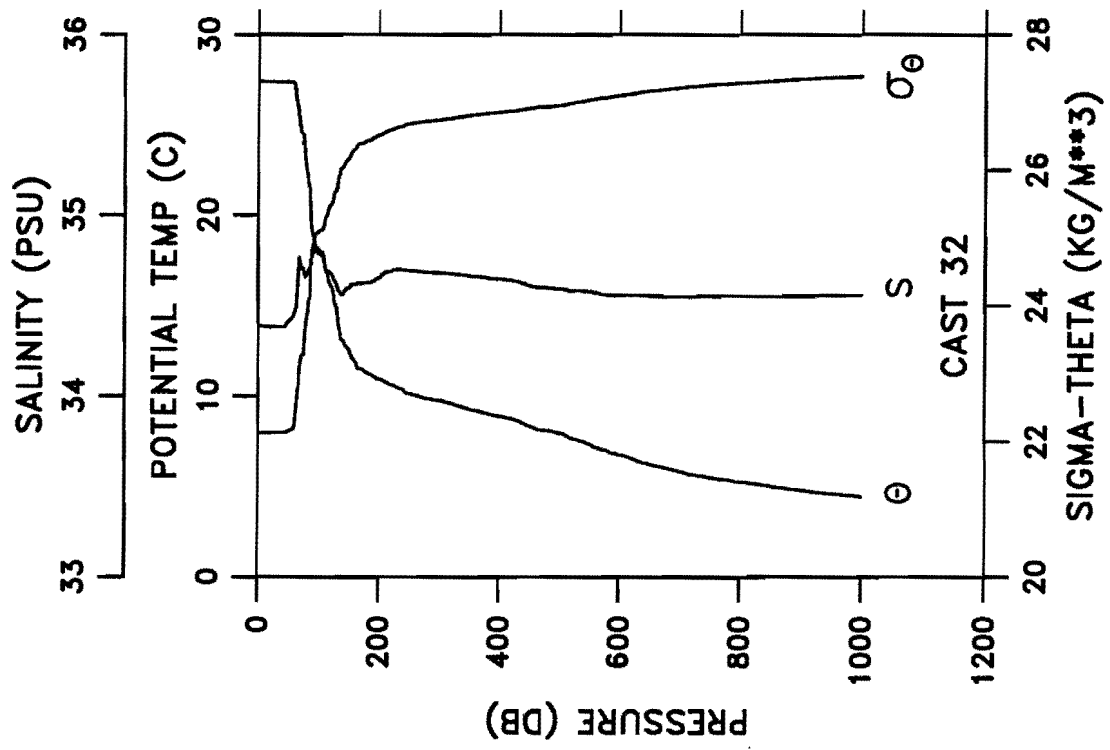
CAST GP8-95-MB -031 DATE 30 DEC 95 TIME 1159 GMT
 LAT 06 00.3N LONG 154 58.1W WEATHER SEA STATE
 BAROMETER 09 WIND DIR 118 T SPD 03 KT VISIBILITY
 CLOUD AMOUNT DRY 27.6 WET DEPTH 4826 M



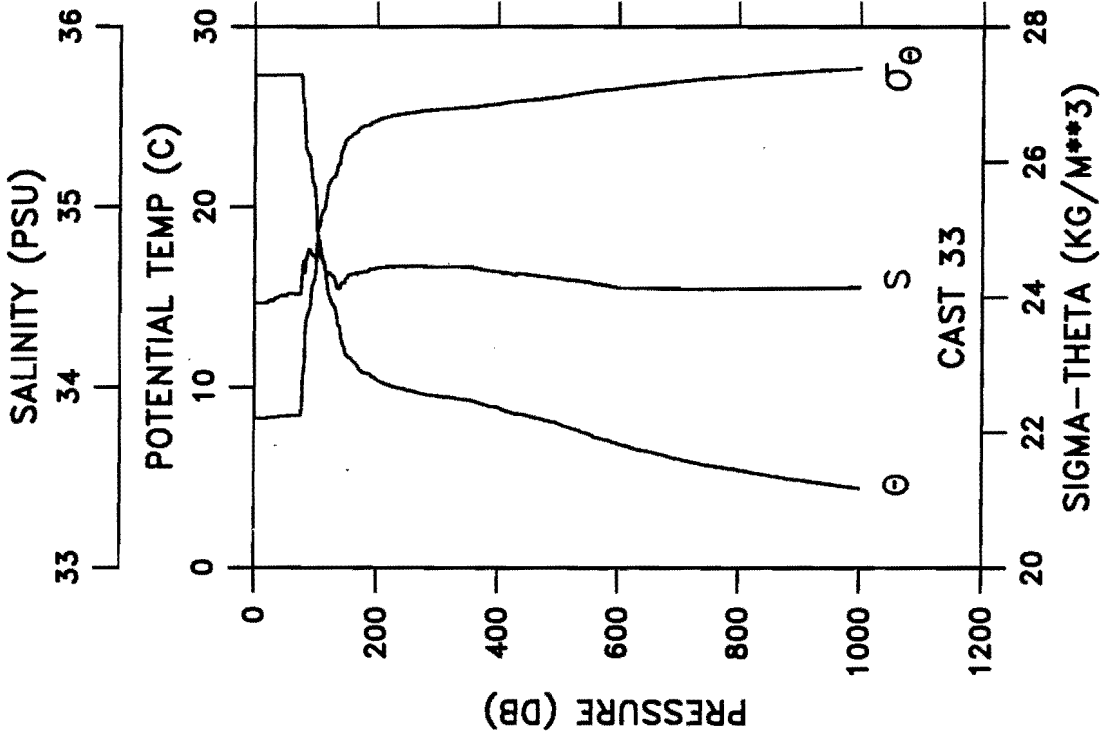
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.246	34.454	22.230	0.000
10	27.240	34.452	22.230	0.056
20	27.230	34.450	22.232	0.112
30	27.242	34.465	22.239	0.168
40	27.271	34.531	22.280	0.224
50	27.269	34.780	22.453	0.279
60	27.092	34.803	22.542	0.332
70	26.711	34.769	22.638	0.385
80	25.014	34.678	23.098	0.436
90	22.989	34.721	23.724	0.480
100	21.253	34.760	24.244	0.519
110	20.018	34.809	24.612	0.554
120	17.915	34.752	25.104	0.586
130	16.454	34.698	25.412	0.613
140	14.826	34.630	25.725	0.638
150	13.784	34.568	25.989	0.660
160	12.680	34.610	26.155	0.680
170	12.082	34.617	26.277	0.698
180	11.535	34.625	26.386	0.716
190	11.072	34.630	26.475	0.732
200	10.788	34.632	26.528	0.748
250	9.939	34.669	26.704	0.821
300	9.486	34.661	26.774	0.888
350	9.000	34.649	26.844	0.953
400	8.531	34.627	26.800	1.015
450	7.985	34.602	26.984	1.075
500	7.423	34.589	27.036	1.132
550	7.025	34.576	27.081	1.186
600	6.561	34.563	27.135	1.238
650	6.122	34.555	27.185	1.288
700	5.824	34.551	27.220	1.335
750	5.459	34.551	27.265	1.381
800	5.213	34.550	27.294	1.425
900	4.715	34.555	27.355	1.508
1000	4.214	34.566	27.418	1.588
1006	4.202	34.566	27.420	1.592

CAST GP8-95-MB -032 DATE 30 DEC 95 TIME 1737 GMT
 LAT 07 00.3N LONG 154 58.8W WEATHER SEA STATE 3
 BAROMETER 11 WIND DIR 016 T SPD 15 KT VISIBILITY
 CLOUD AMOUNT DRY 28.3 WET DEPTH 4961 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.419	34.389	22.126	0.000
10	27.405	34.394	22.126	0.057
20	27.396	34.383	22.128	0.114
30	27.393	34.382	22.129	0.171
40	27.389	34.382	22.130	0.228
50	27.383	34.410	22.153	0.285
60	27.298	34.455	22.214	0.342
70	24.756	34.707	23.196	0.393
80	22.555	34.677	23.817	0.438
90	19.055	34.780	24.840	0.475
100	18.088	34.789	25.090	0.505
110	17.368	34.723	25.215	0.533
120	16.073	34.679	25.485	0.580
130	14.773	34.613	25.724	0.584
140	13.087	34.562	26.037	0.605
150	12.544	34.596	26.171	0.624
160	11.908	34.619	26.311	0.642
170	11.499	34.624	26.392	0.659
180	11.286	34.629	26.435	0.676
190	11.114	34.638	26.474	0.692
200	10.954	34.655	26.515	0.707
250	10.150	34.694	26.688	0.781
300	9.781	34.682	26.741	0.850
350	9.294	34.665	26.809	0.916
400	8.913	34.647	26.856	0.981
450	8.386	34.612	26.914	1.043
500	7.977	34.583	26.958	1.103
550	7.356	34.577	27.036	1.160
600	6.749	34.558	27.105	1.214
650	6.231	34.555	27.171	1.265
700	5.840	34.551	27.218	1.313
750	5.501	34.551	27.260	1.359
800	5.261	34.552	27.289	1.403
900	4.808	34.555	27.344	1.489
1000	4.456	34.560	27.388	1.569
1006	4.437	34.560	27.390	1.574

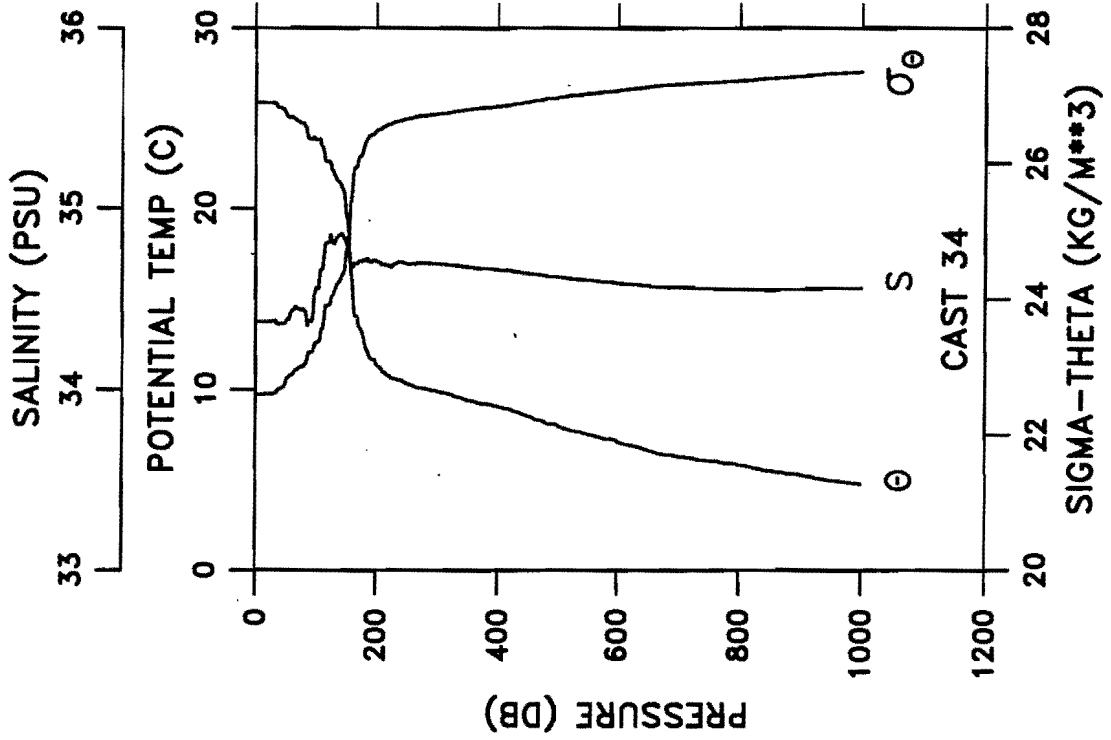


CAST GP8-95-MB -033 DATE 31 DEC 95 TIME 0622 GMT
 LAT 07 58.2N LONG 155 00.1W WEATHER SEA STATE
 BAROMETER 13 WIND DIR 136 T SPD 18 KT VISIBILITY
 CLOUD AMOUNT DRY 26.9 WET 24.0 DEPTH 5210 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.316	34.467	22.218	0.000
10	27.304	34.464	22.219	0.056
20	27.310	34.467	22.220	0.112
30	27.320	34.483	22.228	0.168
40	27.330	34.501	22.238	0.224
50	27.330	34.506	22.242	0.280
60	27.333	34.519	22.251	0.336
70	27.322	34.516	22.252	0.392
80	25.760	34.698	22.882	0.447
90	22.813	34.761	23.808	0.481
100	20.713	34.719	24.359	0.530
110	17.359	34.717	25.212	0.560
120	15.397	34.631	25.601	0.587
130	14.482	34.608	25.780	0.610
140	13.241	34.551	25.997	0.631
150	11.761	34.605	26.328	0.649
160	11.453	34.629	26.405	0.666
170	11.031	34.635	26.486	0.683
180	10.783	34.639	26.534	0.698
190	10.659	34.653	26.567	0.713
200	10.415	34.661	26.616	0.728
250	9.828	34.670	26.724	0.798
300	9.510	34.668	26.775	0.866
350	9.297	34.685	26.808	0.931
400	8.900	34.643	26.855	0.996
450	8.429	34.624	26.914	1.058
500	8.013	34.602	26.959	1.118
550	7.434	34.583	27.030	1.175
600	6.869	34.553	27.084	1.229
650	6.464	34.548	27.137	1.281
700	6.046	34.546	27.188	1.331
750	5.674	34.545	27.234	1.378
800	5.421	34.545	27.265	1.424
900	4.872	34.546	27.330	1.511
1000	4.425	34.555	27.387	1.583
1015	4.383	34.556	27.392	1.605

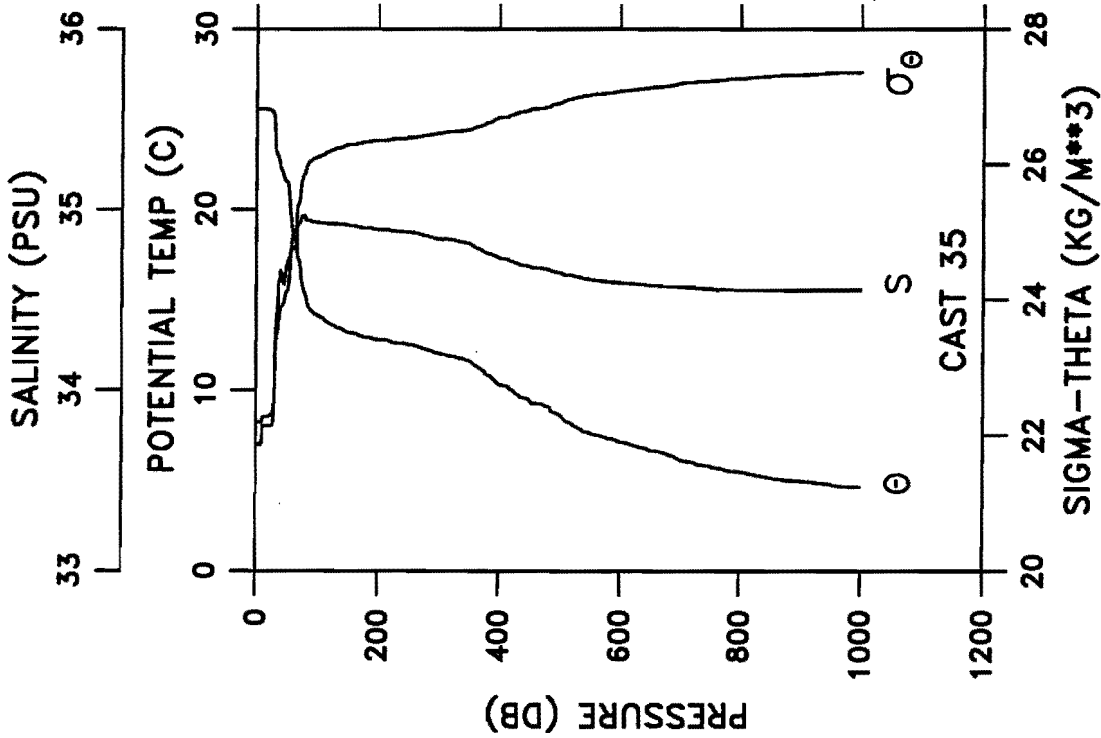
CAST GP8-95-MB -034 DATE 06 JAN 96 TIME 0244 GMT
 LAT 05 19.5N LONG 124 53.4W WEATHER SEA STATE
 BAROMETER WIND DIR T SPD KT VISIBILITY
 CLOUD AMOUNT DRY WET DEPTH 4282 M



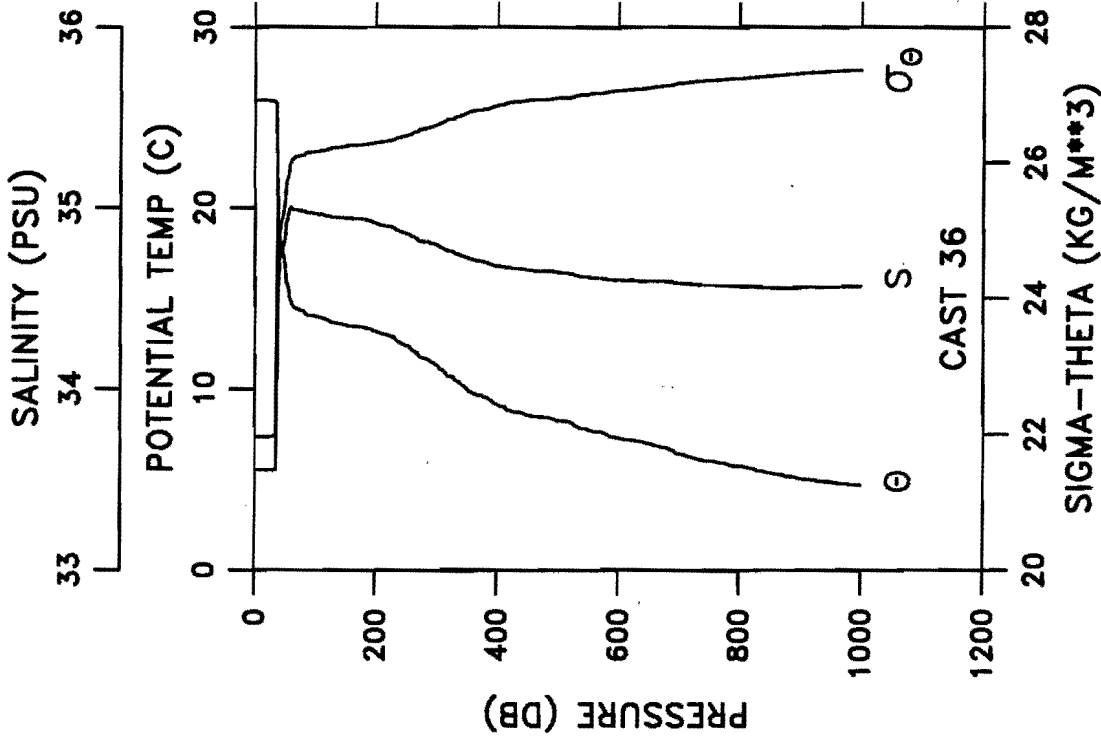
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.894	34.377	22.598	0.000
10	25.884	34.374	22.599	0.052
20	25.870	34.375	22.604	0.105
30	25.852	34.379	22.613	0.157
40	25.585	34.363	22.683	0.209
50	25.275	34.371	22.784	0.261
60	25.098	34.430	22.883	0.311
70	24.854	34.447	22.969	0.361
80	24.700	34.444	23.013	0.410
90	23.868	34.379	23.212	0.457
100	23.817	34.546	23.354	0.504
110	23.455	34.663	23.548	0.549
120	22.602	34.811	23.806	0.591
130	21.940	34.808	24.091	0.630
140	21.428	34.854	24.267	0.668
150	19.834	34.815	24.666	0.704
160	15.946	34.884	25.518	0.734
170	13.715	34.701	26.016	0.755
180	12.662	34.717	26.241	0.775
190	11.743	34.708	26.410	0.792
200	11.392	34.710	26.478	0.808
250	10.340	34.696	26.656	0.883
300	9.917	34.694	26.727	0.953
350	9.417	34.676	26.797	1.020
400	9.061	34.661	26.843	1.085
450	8.584	34.641	26.906	1.148
500	7.998	34.623	26.978	1.208
550	7.527	34.605	27.033	1.265
600	7.104	34.588	27.080	1.319
650	6.635	34.572	27.132	1.372
700	6.272	34.563	27.172	1.422
750	6.041	34.557	27.198	1.471
800	5.806	34.554	27.225	1.519
900	5.275	34.556	27.291	1.611
1000	4.765	34.560	27.354	1.696
1013	4.698	34.560	27.361	1.707

CAST GP8-95-MB -035 DATE 10 JAN 96 TIME 0457 GMT
 LAT 02 02.6N LONG 110 08.2W WEATHER SEA STATE
 BAROMETER WIND DIR 034 T SPD 11 KT VISIBILITY
 CLOUD AMOUNT DRY WET DEPTH 3898 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.547	33.702	22.196	0.000
10	25.551	33.744	22.227	0.056
20	25.528	33.802	22.277	0.112
30	24.774	33.962	22.642	0.167
40	22.289	34.660	23.880	0.211
50	21.534	34.693	24.115	0.250
60	18.533	34.780	24.972	0.285
70	17.146	34.919	25.418	0.313
80	15.318	34.964	25.874	0.336
90	14.380	34.935	26.057	0.357
100	14.123	34.927	26.105	0.376
110	13.955	34.923	26.138	0.395
120	13.673	34.920	26.194	0.414
130	13.491	34.919	26.231	0.432
140	13.381	34.917	26.252	0.450
150	13.178	34.912	26.289	0.468
160	13.132	34.907	26.295	0.486
170	12.994	34.900	26.317	0.503
180	12.908	34.894	26.330	0.521
190	12.844	34.894	26.343	0.538
200	12.778	34.898	26.351	0.555
250	12.515	34.873	26.392	0.641
300	12.029	34.837	26.457	0.724
350	11.642	34.810	26.510	0.805
400	10.298	34.729	26.689	0.882
450	9.435	34.682	26.789	0.951
500	8.612	34.648	26.904	1.016
550	7.614	34.610	27.025	1.074
600	7.138	34.582	27.079	1.130
650	6.657	34.578	27.133	1.182
700	6.127	34.570	27.196	1.233
750	5.808	34.561	27.230	1.280
800	5.478	34.554	27.266	1.326
900	4.982	34.550	27.321	1.413
1000	4.661	34.555	27.361	1.496
1024	4.508	34.558	27.380	1.516

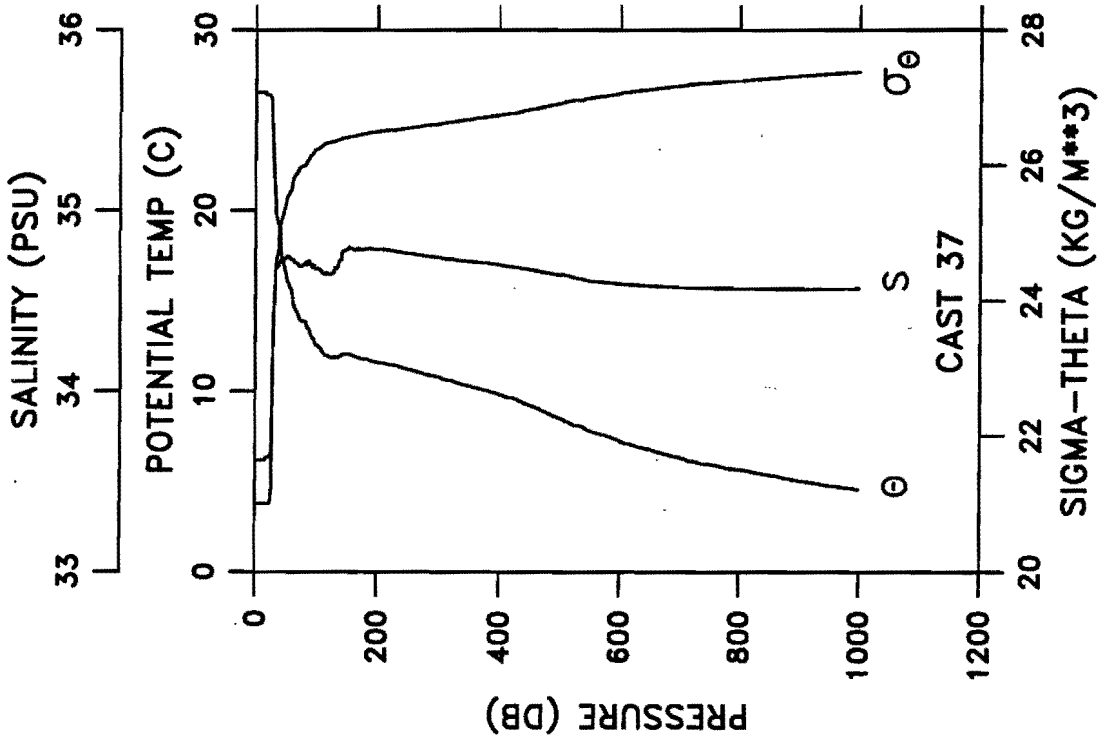


CAST GP8-85-MB -036 DATE 13 JAN 96 TIME 1132 GMT
 LAT 02 05.6N LONG 095 21.6W WEATHER 5 SEA STATE
 BAROMETER 12 WIND DIR 031 T SPD 08 KT VISIBILITY 9
 CLOUD 6 AMOUNT 8 DRY 25.5 WET 23.0 DEPTH 4389 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SGK-TH	DELTA-D (DYN-M)
0	25.947	33.554	21.961	0.000
10	25.952	33.553	21.959	0.059
20	25.949	33.553	21.960	0.117
30	25.907	33.551	21.971	0.176
40	18.847	34.630	24.779	0.226
50	16.778	34.834	25.440	0.254
60	14.815	35.004	26.016	0.276
70	14.401	34.988	26.083	0.295
80	14.293	34.980	26.110	0.314
90	14.068	34.973	26.152	0.333
100	14.004	34.967	26.162	0.352
110	13.915	34.965	26.178	0.371
120	13.805	34.955	26.194	0.389
130	13.653	34.949	26.221	0.408
140	13.596	34.947	26.231	0.426
150	13.526	34.945	26.244	0.444
160	13.459	34.941	26.255	0.462
170	13.435	34.939	26.258	0.480
180	13.387	34.936	26.266	0.498
190	13.293	34.928	26.279	0.516
200	13.177	34.916	26.293	0.534
250	12.406	34.859	26.402	0.621
300	11.341	34.797	26.556	0.701
350	10.019	34.726	26.735	0.775
400	9.156	34.678	26.841	0.841
450	8.556	34.656	26.919	0.903
500	8.255	34.642	26.955	0.964
550	7.739	34.615	27.010	1.022
600	7.297	34.602	27.063	1.078
650	6.979	34.597	27.104	1.132
700	6.402	34.583	27.171	1.183
750	6.013	34.573	27.214	1.232
800	5.731	34.565	27.243	1.279
900	5.049	34.559	27.320	1.368
1000	4.696	34.566	27.366	1.452
1500	3.018	34.612	27.574	1.808
1511	2.967	34.610	27.577	1.815

CAST 98-95-MB -037 DATE 14 JAN 96 TIME 2030 GMT
 LAT 08 03.2N LONG 094 58.6W WEATHER SEA STATE
 BAROMETER 10 WIND DIR 070 T SPD 12 KT VISIBILITY
 CLOUD AMOUNT DRY 28.4 WET DEPTH 3712 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.555	33.380	21.641	0.000
10	26.545	33.380	21.643	0.062
20	26.404	33.378	21.686	0.123
30	22.334	34.448	23.706	0.179
40	18.291	34.711	24.980	0.213
50	16.449	34.737	25.442	0.240
60	15.230	34.727	25.712	0.264
70	14.119	34.691	25.924	0.286
80	13.843	34.701	25.990	0.307
90	13.120	34.697	26.135	0.326
100	12.540	34.675	26.233	0.345
110	12.128	34.650	26.293	0.362
120	11.898	34.647	26.334	0.380
130	11.901	34.683	26.362	0.397
140	11.949	34.725	26.386	0.413
150	12.041	34.783	26.431	0.430
160	11.953	34.784	26.431	0.446
170	11.841	34.785	26.453	0.463
180	11.776	34.788	26.466	0.479
190	11.667	34.787	26.487	0.495
200	11.590	34.784	26.499	0.510
250	11.212	34.762	26.552	0.588
300	10.781	34.738	26.612	0.664
350	10.304	34.718	26.680	0.737
400	9.820	34.698	26.747	0.807
450	9.236	34.673	26.824	0.875
500	8.512	34.642	26.915	0.938
550	7.794	34.609	26.997	0.997
600	7.232	34.592	27.065	1.054
650	6.778	34.582	27.120	1.106
700	6.332	34.574	27.174	1.157
750	5.950	34.569	27.219	1.205
800	5.659	34.566	27.253	1.252
800	5.040	34.564	27.325	1.340
1000	4.563	34.568	27.362	1.423
1004	4.559	34.567	27.382	1.426

CAST GP8-95-MB -016 LAT 08 00.6S LONG 170 03.0W

CAST GP8-95-MB -015 LAT 08 01.2S LONG 170 00.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
3.	28.711	35.141	28.711	22.266	2.	28.845	35.108	28.844	22.199
3.	28.725	35.141	28.724	22.264	2.	28.847	35.107	28.847	22.198
3.	28.730	35.138	28.729	22.262	550.	7.980	34.613	7.923	26.974
3.	28.729	35.138	28.728	22.260	551.	7.941	34.613	7.884	26.978
501.	7.927	34.614	7.876	26.979	550.	7.957	34.619	7.901	26.976
501.	7.921	34.615	7.870	26.979	551.	7.948	34.619	7.891	26.977
999.	4.507	34.537	4.427	27.364					
999.	4.508	34.537	4.428	27.364					
1999.	2.251	34.637	2.110	27.661					
1998.	2.251	34.637	2.111	27.660					
2198.	2.068	34.648	1.914	27.685					
2199.	2.068	34.649	1.913	27.685					
2601.	1.829	34.665	1.643	27.717					
2602.	1.829	34.665	1.642	27.717					
2801.	1.749	34.681	1.546	27.728					
2802.	1.749	34.680	1.545	27.728					
3021.	1.674	34.676	1.451	27.738					

CAST GP8-95-MB -017 LAT 05 00.4S LONG 170 01.5W

CAST GP8-95-MB -018 LAT 05 00.9S LONG 154 59.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
4.	28.533	35.580	28.532	22.659	2.	27.584	35.729	27.584	23.080
3.	28.525	35.580	28.525	22.661	1.	27.587	35.729	27.586	23.079
3.	28.526	35.580	28.525	22.661	1.	27.584	35.729	27.584	23.080
251.	13.401	35.041	13.365	26.338	1.	27.583	35.729	27.583	23.080
251.	13.349	35.041	13.314	26.346	248.	12.250	34.895	12.217	26.462
497.	8.473	34.650	8.420	26.929	248.	12.080	34.894	12.048	26.482
499.	8.469	34.649	8.416	26.929	500.	8.536	34.656	8.483	26.921
750.	5.926	34.546	5.859	27.205	501.	8.532	34.656	8.479	26.921
751.	5.924	34.545	5.857	27.205	600.	7.272	34.589	7.213	27.057
1001.	4.486	34.545	4.407	27.374	598.	7.269	34.589	7.211	27.057
1001.	4.483	34.545	4.404	27.375	700.	6.236	34.553	6.173	27.168
1501.	2.984	34.602	2.877	27.569	699.	6.235	34.553	6.171	27.168
1501.	2.984	34.601	2.876	27.569	798.	5.503	34.540	5.435	27.250
1749.	2.495	34.626	2.372	27.632	799.	5.502	34.542	5.434	27.250
1753.	2.491	34.626	2.368	27.633	1012.	4.488	34.545	4.407	27.370
2001.	2.241	34.641	2.101	27.666	1010.	4.489	34.545	4.409	27.370
2001.	2.242	34.641	2.102	27.666	1012.	4.486	34.545	4.406	27.370
2252.	2.059	34.651	1.900	27.689	1011.	4.487	34.544	4.406	27.370
2251.	2.060	34.652	1.901	27.689					
2509.	1.903	34.662	1.723	27.710					
2508.	1.903	34.661	1.723	27.710					
2508.	1.903	34.668	1.724	27.709					
2509.	1.903	34.666	1.723	27.709					

CAST GP8-95-MB -019 LAT 04 00.0S LONG 154 42.5W

CAST GP8-95-MB -020 LAT 02 59.6S LONG 154 51.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
3.	27.267	35.694	27.266	23.159	4.	26.912	35.555	26.911	23.164
3.	27.265	35.694	27.265	23.159	3.	26.912	35.554	26.911	23.164
3.	27.263	35.694	27.263	23.160	4.	26.912	35.553	26.911	23.164
3.	27.263	35.694	27.262	23.160	3.	26.911	35.554	26.911	23.164
249.	11.572	34.855	11.540	26.558	249.	12.160	34.913	12.127	26.492
252.	11.510	34.855	11.479	26.567	251.	12.143	34.913	12.110	26.494
502.	7.729	34.620	7.679	27.017	500.	8.267	34.644	8.215	26.954
501.	7.736	34.619	7.686	27.016	500.	8.267	34.644	8.215	26.953
600.	6.682	34.574	6.626	27.128	600.	6.823	34.580	6.766	27.111
599.	6.684	34.575	6.628	27.128	600.	6.822	34.580	6.765	27.111
673.	6.197	34.560	6.137	27.181	701.	5.927	34.556	5.865	27.210
673.	6.196	34.560	6.135	27.181	701.	5.927	34.556	5.865	27.210
804.	5.258	34.543	5.191	27.284	790.	5.484	34.549	5.416	27.260
802.	5.261	34.543	5.193	27.284	792.	5.481	34.549	5.414	27.260
901.	4.962	34.545	4.887	27.318	869.	5.098	34.546	5.026	27.304
902.	4.959	34.544	4.885	27.319	869.	5.094	34.547	5.021	27.304
1002.	4.612	34.547	4.531	27.360	1014.	4.451	34.551	4.370	27.380
1001.	4.612	34.546	4.532	27.360	1012.	4.453	34.552	4.373	27.380
1002.	4.611	34.548	4.530	27.360	1014.	4.452	34.552	4.371	27.380
1001.	4.611	34.547	4.530	27.360					

CAST GP8-95-MB -021				LAT 01 58.1S				LONG 155 01.6W						
PRES	TEMP	SAL	POT TEMP	SIG-TH	PRES	TEMP	SAL	POT TEMP	SIG-TH	PRES	TEMP	SAL	POT TEMP	SIG-TH
(DB)	(C)	(PSS-78)	(C)	(KG/M3)	(DB)	(C)	(PSS-78)	(C)	(KG/M3)	(DB)	(C)	(PSS-78)	(C)	(KG/M3)
3.	26.355	35.449	26.354	23.265	3.	25.041	35.077	25.041	23.389					
3.	26.354	35.449	26.354	23.265	2.	25.037	35.077	25.037	23.390					
502.	8.138	34.639	8.086	26.972	4.	25.051	35.077	25.050	23.386					
500.	8.139	34.639	8.087	26.971	3.	25.036	35.077	25.035	23.390					
999.	4.428	34.553	4.349	27.386	199.	16.114	35.294	16.083	25.949					
1000.	4.416	34.553	4.337	27.387	201.	16.046	35.293	16.014	25.959					
1199.	3.775	34.573	3.685	27.469	299.	11.462	34.831	11.424	26.559					
1201.	3.773	34.571	3.683	27.469	300.	11.460	34.830	11.422	26.559					
1399.	3.246	34.592	3.144	27.538	398.	10.402	34.760	10.354	26.697					
1399.	3.246	34.593	3.144	27.538	400.	10.390	34.760	10.342	26.698					
1600.	2.756	34.613	2.643	27.600	498.	8.118	34.624	8.067	26.962					
1599.	2.757	34.613	2.644	27.600	499.	8.114	34.624	8.063	26.962					
1801.	2.392	34.635	2.267	27.649	600.	6.754	34.562	6.698	27.108					
1802.	2.391	34.635	2.265	27.649	601.	6.737	34.562	6.681	27.110					
2000.	2.240	34.645	2.100	27.669	703.	5.617	34.544	5.556	27.243					
1999.	2.240	34.646	2.100	27.669	702.	5.630	34.545	5.569	27.241					
2251.	2.042	34.653	1.884	27.692	801.	5.307	34.545	5.240	27.279					
2252.	2.042	34.653	1.883	27.692	801.	5.307	34.546	5.240	27.279					
2501.	1.920	34.660	1.742	27.707	900.	4.971	34.546	4.897	27.318					
2501.	1.921	34.660	1.742	27.707	901.	4.963	34.546	4.889	27.319					
2500.	1.921	34.660	1.742	27.707	1000.	4.481	34.558	4.401	27.382					
2500.	1.920	34.660	1.741	27.707	1000.	4.481	34.557	4.401	27.382					
2502.	1.919	34.661	1.740	27.707	1001.	4.481	34.558	4.401	27.382					
2500.	1.921	34.661	1.743	27.708										

CAST GP8-95-MB -023 LAT 00 01.1N LONG 155 01.2W

CAST GP8-95-MB -025 LAT 00 00.5S LONG 155 00.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	24.742	34.984	24.742	23.410	1.	24.937	34.983	24.936	23.350
2.	24.751	34.984	24.751	23.407	1.	24.947	34.984	24.947	23.347
2.	24.749	34.984	24.749	23.408	499.	7.898	34.614	7.847	26.985
1.	24.745	34.985	24.745	23.409	500.	7.866	34.615	7.816	26.989
200.	13.961	34.999	13.932	26.198					
201.	13.910	34.999	13.881	26.207					
298.	11.354	34.817	11.317	26.570					
299.	11.354	34.816	11.316	26.570					
399.	9.925	34.715	9.879	26.744					
401.	9.849	34.716	9.803	26.753					
499.	8.119	34.623	8.067	26.961					
500.	8.105	34.624	8.053	26.962					
599.	7.282	34.591	7.223	27.057					
600.	7.267	34.591	7.208	27.059					
673.	5.892	34.552	5.833	27.212					
673.	5.887	34.552	5.828	27.213					
798.	5.515	34.549	5.446	27.256					
800.	5.514	34.548	5.445	27.256					
898.	4.979	34.546	4.905	27.317					
898.	4.967	34.546	4.893	27.318					
1002.	4.474	34.558	4.394	27.383					
1003.	4.473	34.558	4.394	27.383					
1002.	4.473	34.556	4.394	27.383					
1002.	4.474	34.557	4.395	27.383					

CASST GP8-95-MB -026 LAT 00 59.8N LONG 155 01.9W

CASST GP8-95-MB -027 LAT 02 02.8N LONG 154 57.0W

PREST (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PREST (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	25.276	34.947	25.276	23.220	2.	25.886	34.799	25.886	22.918
3.	25.279	34.947	25.279	23.219	1.	25.890	34.799	25.890	22.917
201.	13.045	34.681	13.018	26.142	201.	13.069	34.834	13.041	26.252
300.	11.500	34.810	11.461	26.539	300.	11.104	34.774	11.067	26.582
399.	10.304	34.723	10.256	26.685	400.	9.792	34.683	9.746	26.741
501.	7.924	34.611	7.872	26.982	499.	7.986	34.612	7.935	26.971
601.	7.035	34.579	6.977	27.084	600.	6.513	34.564	6.458	27.140
800.	5.457	34.547	5.389	27.263	700.	5.606	34.547	5.546	27.243
901.	5.028	34.547	4.954	27.313	802.	5.382	34.547	5.314	27.270
1002.	4.535	34.556	4.455	27.376	901.	4.944	34.550	4.870	27.324
1001.	4.536	34.556	4.456	27.376	1011.	4.504	34.557	4.423	27.379

CAST GP8-95-MB -028 LAT 02 59.8N LONG 154 55.4W

CAST GP8-95-MB -029 LAT 03 59.9N LONG 154 56.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	26.570	34.870	26.570	22.758	3.	27.469	34.604	27.469	22.270
2.	26.576	34.870	26.576	22.756	3.	27.466	34.604	27.466	22.269
200.	11.964	34.654	11.938	26.324	200.	12.457	34.615	12.431	26.202
300.	10.712	34.741	10.676	26.627	298.	9.811	34.662	9.776	26.721
401.	9.469	34.672	9.423	26.786	398.	8.926	34.643	8.883	26.850
501.	8.349	34.623	8.296	26.926	501.	7.859	34.604	7.808	26.984
599.	6.746	34.570	6.689	27.116	599.	6.749	34.567	6.693	27.111
701.	5.947	34.551	5.885	27.205	699.	5.820	34.552	5.758	27.220
800.	5.275	34.546	5.208	27.283	800.	5.271	34.550	5.204	27.287
902.	4.906	34.550	4.832	27.330	887.	4.853	34.555	4.781	27.338
1012.	4.460	34.558	4.379	27.386	1001.	4.350	34.564	4.271	27.402
1012.	4.462	34.559	4.381	27.386	1000.	4.365	34.563	4.287	27.400

CAST GP8-95-MB -030 LAT 05 00.0N LONG 154 55.5W CAST GP8-95-MB -031 LAT 06 00.3N LONG 154 58.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	27.503	34.531	27.502	22.206	3.	27.233	34.471	27.233	22.247
3.	27.504	34.532	27.503	22.207	3.	27.234	34.472	27.233	22.246
201.	10.686	34.629	10.662	26.544	201.	10.947	34.632	10.923	26.498
301.	9.655	34.671	9.621	26.754	300.	9.524	34.659	9.490	26.766
400.	8.767	34.639	8.724	26.873	499.	7.548	34.591	7.499	27.019
502.	7.748	34.599	7.698	26.996	602.	6.693	34.564	6.637	27.118
703.	5.935	34.553	5.872	27.208	703.	5.936	34.553	5.874	27.206
702.	5.936	34.552	5.874	27.207	802.	5.306	34.551	5.239	27.283
797.	5.320	34.550	5.253	27.281	802.	5.304	34.550	5.236	27.283
901.	4.815	34.556	4.742	27.344	1003.	4.286	34.567	4.208	27.410
1025.	4.259	34.568	4.179	27.416	1002.	4.286	34.556	4.208	27.411
1023.	4.264	34.568	4.185	27.415					

CAST GP8-95-MB -032 LAT 07 00.3N LONG 154 58.8W

CAST GP8-95-MB -033 LAT 07 58.2N LONG 155 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	27.404	34.373	27.404	22.117	3.	27.336	34.507	27.335	22.242
2.	27.401	34.373	27.400	22.118	2.	27.334	34.507	27.333	22.242
200.	11.025	34.645	11.000	26.496	200.	10.418	34.654	10.394	26.614
397.	9.010	34.650	8.966	26.842	299.	9.541	34.666	9.507	26.770
500.	8.095	34.598	8.043	26.944	401.	8.889	34.639	8.845	26.854
599.	6.918	34.558	6.861	27.082	498.	8.000	34.599	7.949	26.961
699.	5.932	34.551	5.870	27.207	600.	6.930	34.551	6.873	27.076
801.	5.342	34.553	5.274	27.280	700.	6.121	34.547	6.058	27.178
898.	4.894	34.555	4.821	27.335	799.	5.530	34.545	5.461	27.252
1005.	4.522	34.561	4.441	27.380	901.	4.947	34.547	4.873	27.322
1004.	4.521	34.561	4.441	27.380	1013.	4.467	34.556	4.386	27.384

CAST GP8-95-MB -034 LAT 05 19.5N LONG 124 53.4W

CAST GP8-95-MB -035 LAT 02 02.6N LONG 110 08.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	25.911	34.261	25.911	22.506	1.	25.555	33.801	25.555	22.267
2.	25.909	34.261	25.909	22.507	2.	25.559	33.800	25.558	22.266
200.	11.398	34.705	11.372	26.474	200.	12.813	34.887	12.786	26.344
302.	9.908	34.692	9.873	26.727	300.	12.076	34.835	12.037	26.448
402.	9.062	34.658	9.018	26.841	401.	10.359	34.728	10.312	26.677
502.	8.095	34.624	8.043	26.963	500.	8.771	34.650	8.717	26.881
602.	7.224	34.590	7.165	27.064	600.	7.241	34.592	7.182	27.065
701.	6.349	34.563	6.285	27.162	700.	6.214	34.568	6.151	27.184
802.	5.876	34.554	5.805	27.215	798.	5.555	34.551	5.487	27.256
901.	5.351	34.556	5.274	27.281	902.	5.052	34.557	4.977	27.312
1011.	4.794	34.562	4.712	27.351	1014.	4.640	34.557	4.558	27.365
1011.	4.797	34.561	4.714	27.350	1014.	4.640	34.561	4.558	27.365

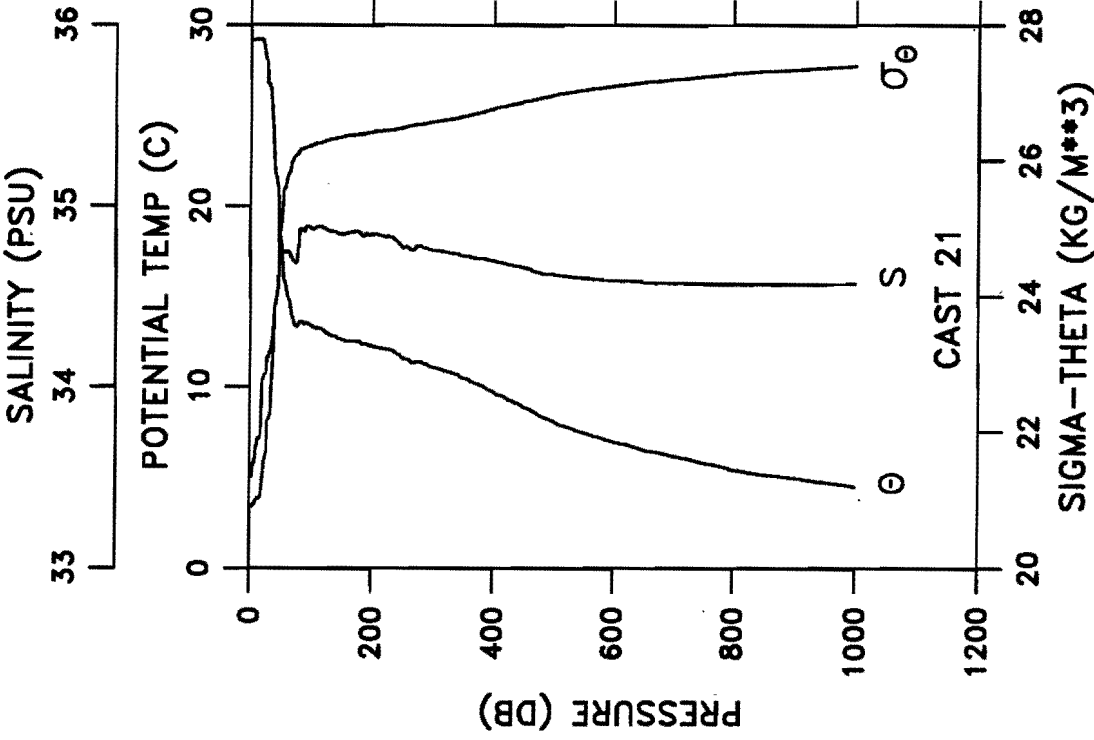
CST GP8-95-MB -037 LAT 08 03.2N LONG 094 58.6W

CST GP8-95-MB -036 LAT 02 05.6N LONG 095 21.6W

PREP (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PREP (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	25.953	33.546	25.952	21.952	2.	26.565	33.378	26.564	21.635
2.	25.954	33.546	25.953	21.953	3.	26.560	33.377	26.560	21.636
500.	8.314	34.643	8.262	26.946	199.	11.644	34.782	11.619	26.489
599.	7.371	34.600	7.312	27.053	293.	10.840	34.738	10.804	26.602
802.	5.822	34.565	5.752	27.232	400.	9.852	34.696	9.806	26.740
998.	4.783	34.566	4.701	27.356	496.	8.563	34.640	8.510	26.906
1103.	4.318	34.576	4.230	27.416	600.	7.206	34.589	7.147	27.067
1196.	4.025	34.579	3.932	27.449	700.	6.333	34.573	6.269	27.172
1299.	3.731	34.588	3.632	27.486	800.	5.713	34.566	5.643	27.246
1388.	3.477	34.600	3.373	27.521	901.	5.099	34.563	5.023	27.317
1510.	3.093	34.611	2.983	27.565	1000.	4.644	34.568	4.563	27.372
1510.	3.083	34.611	2.974	27.566					

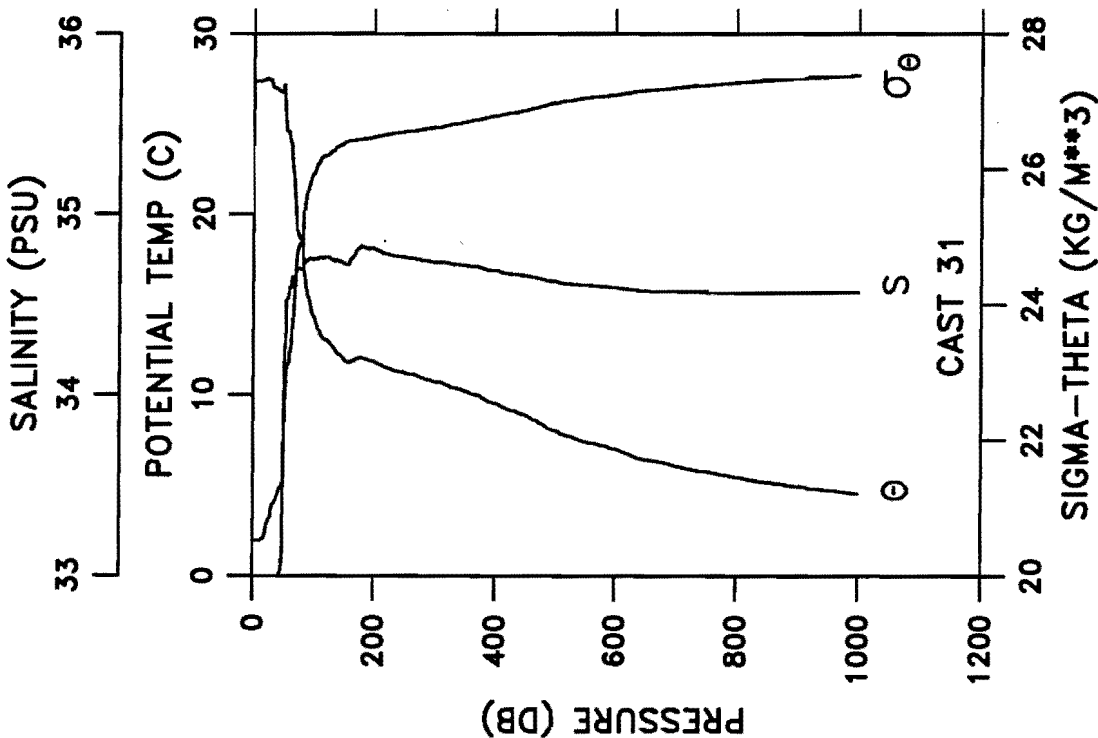
GP1-96-MB
May 3-31, 1996
CTD and Hydrographic Data Summary

CAST GP1-96-MB-0021 DATE 07 MAY 96 TIME 0358 GMT
 LAT 07 00.2N LONG 094 53.5W WEATHER SEA STATE
 BAROMETER 09 WIND DIR 250 T SPD 13 KT VISIBILITY
 CLOUD AMOUNT DRY 28.0 WET DEPTH 3773 M



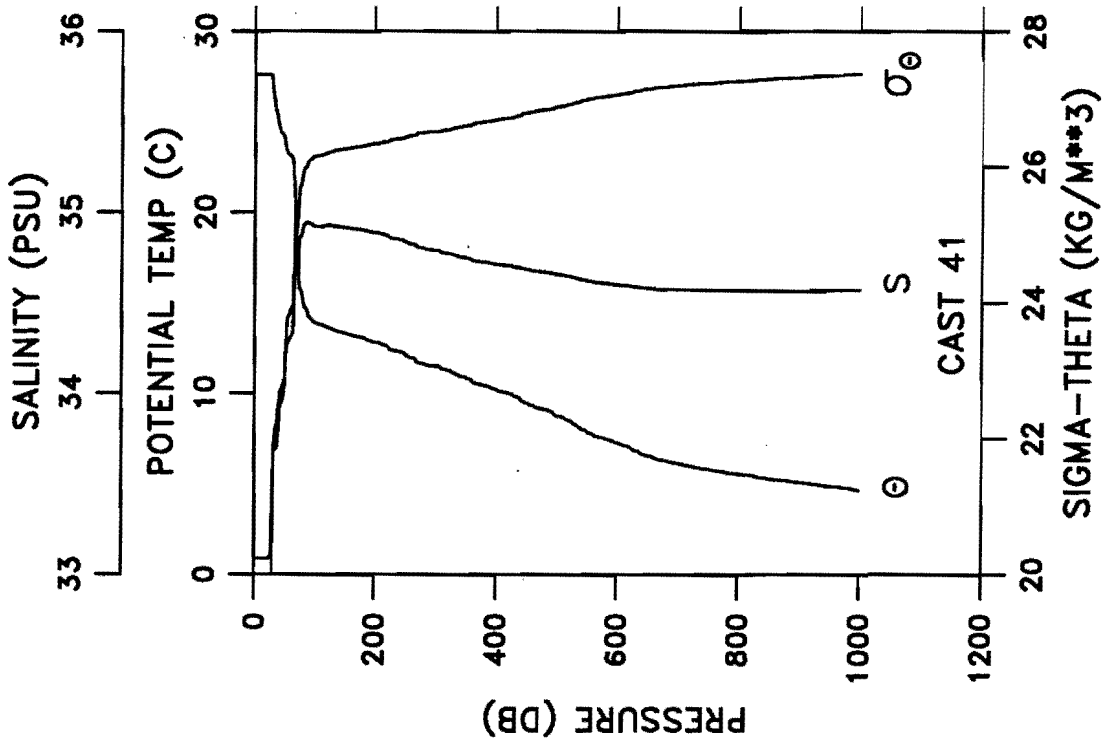
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.147	33.505	20.895	0.000
10	29.205	33.666	20.997	0.068
20	29.121	34.002	21.277	0.136
30	26.711	34.165	22.182	0.197
40	22.164	34.413	23.727	0.248
50	18.228	34.704	24.990	0.285
60	15.268	34.748	25.719	0.311
70	13.808	34.701	25.997	0.332
80	13.466	34.774	26.124	0.352
90	13.467	34.860	26.190	0.371
100	13.381	34.879	26.222	0.389
110	13.243	34.885	26.255	0.407
120	13.111	34.880	26.278	0.425
130	12.879	34.862	26.311	0.442
140	12.793	34.858	26.325	0.459
150	12.612	34.843	26.349	0.477
160	12.525	34.850	26.371	0.494
170	12.527	34.856	26.376	0.510
180	12.483	34.853	26.382	0.527
190	12.363	34.846	26.400	0.544
200	12.267	34.845	26.418	0.561
250	11.602	34.772	26.488	0.642
300	11.089	34.755	26.569	0.721
350	10.506	34.725	26.650	0.796
400	9.741	34.697	26.760	0.867
450	8.893	34.660	26.869	0.933
500	8.085	34.622	26.965	0.994
550	7.460	34.601	27.040	1.051
600	6.855	34.588	27.100	1.105
650	6.516	34.580	27.154	1.156
700	6.167	34.575	27.195	1.206
750	5.783	34.569	27.239	1.253
800	5.396	34.566	27.285	1.298
900	4.944	34.566	27.338	1.384
1000	4.482	34.571	27.394	1.465
1003	4.476	34.571	27.394	1.468

CAST GP1-96-MB-0031 DATE 07 MAY 96 TIME 0957 GMT
 LAT 06 00.4N LONG 084 51.4W WEATHER SEA STATE
 BAROMETER WIND DIR T SPD KT VISIBILITY
 CLOUD AMOUNT WIND DIR WET WET DEPTH 3733 M



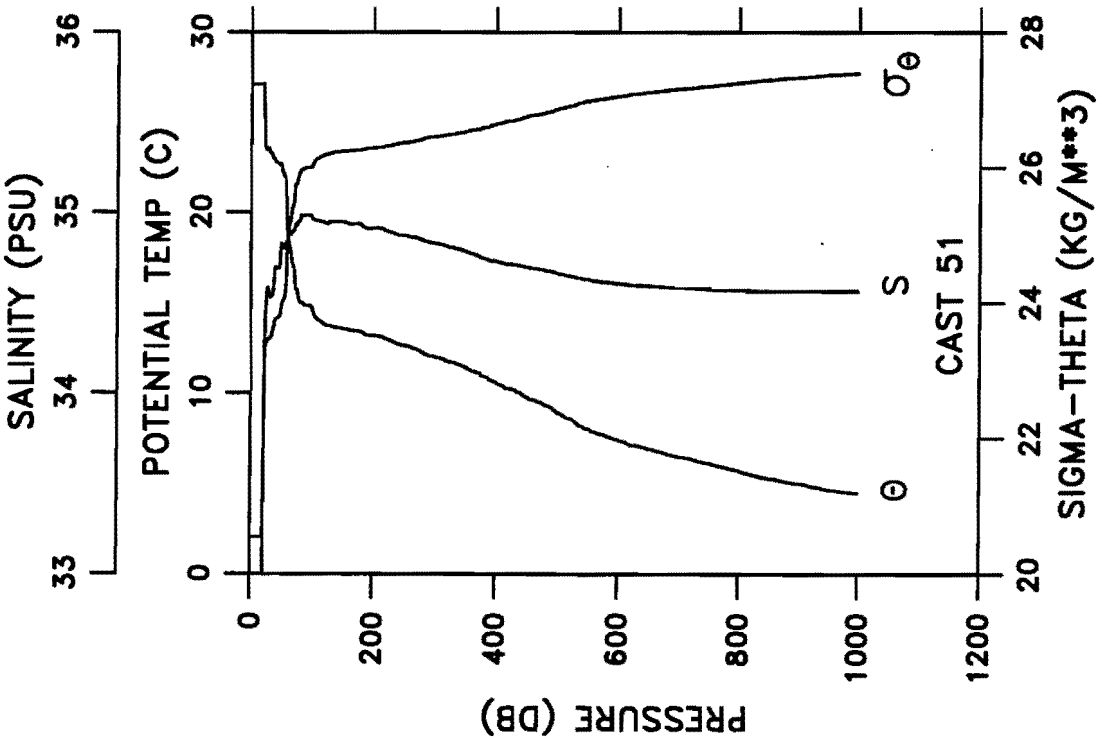
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.361	32.227	20.518	0.000
10	27.369	32.239	20.525	0.072
20	27.461	32.413	20.626	0.144
30	27.207	32.794	20.994	0.214
40	26.896	32.928	21.193	0.281
50	27.155	33.759	21.736	0.346
60	24.204	34.585	23.276	0.397
70	20.429	34.661	24.391	0.439
80	18.541	34.684	24.904	0.471
90	15.474	34.747	25.673	0.497
100	14.307	34.748	25.929	0.519
110	13.522	34.758	26.100	0.539
120	13.041	34.760	26.200	0.558
130	12.706	34.750	26.258	0.576
140	12.262	34.740	26.338	0.594
150	11.993	34.728	26.380	0.611
160	11.793	34.736	26.424	0.627
170	11.986	34.793	26.432	0.644
180	12.040	34.822	26.444	0.660
190	11.919	34.808	26.456	0.676
200	11.825	34.808	26.474	0.692
250	11.218	34.763	26.552	0.770
300	10.715	34.732	26.619	0.846
350	10.201	34.716	26.696	0.918
400	9.540	34.699	26.787	0.987
450	8.904	34.659	26.867	1.052
500	8.040	34.628	26.977	1.113
550	7.418	34.609	27.052	1.169
600	7.017	34.595	27.097	1.223
650	6.429	34.577	27.163	1.274
700	6.084	34.572	27.204	1.323
750	5.792	34.568	27.238	1.370
800	5.453	34.566	27.278	1.416
850	4.950	34.565	27.337	1.502
900	4.534	34.569	27.386	1.584
1000	4.523	34.568	27.387	1.585

CAST GP1-96-MB-0041 DATE 08 MAY 96 TIME 0212 GMT
 LAT 05 05.6N LONG 084 56.0W WEATHER SEA STATE
 BAROMETER 10 WIND DIR 220 T SPD 10 KT VISIBILITY
 CLOUD AMOUNT DRY 27.3 WET DEPTH 3587 M



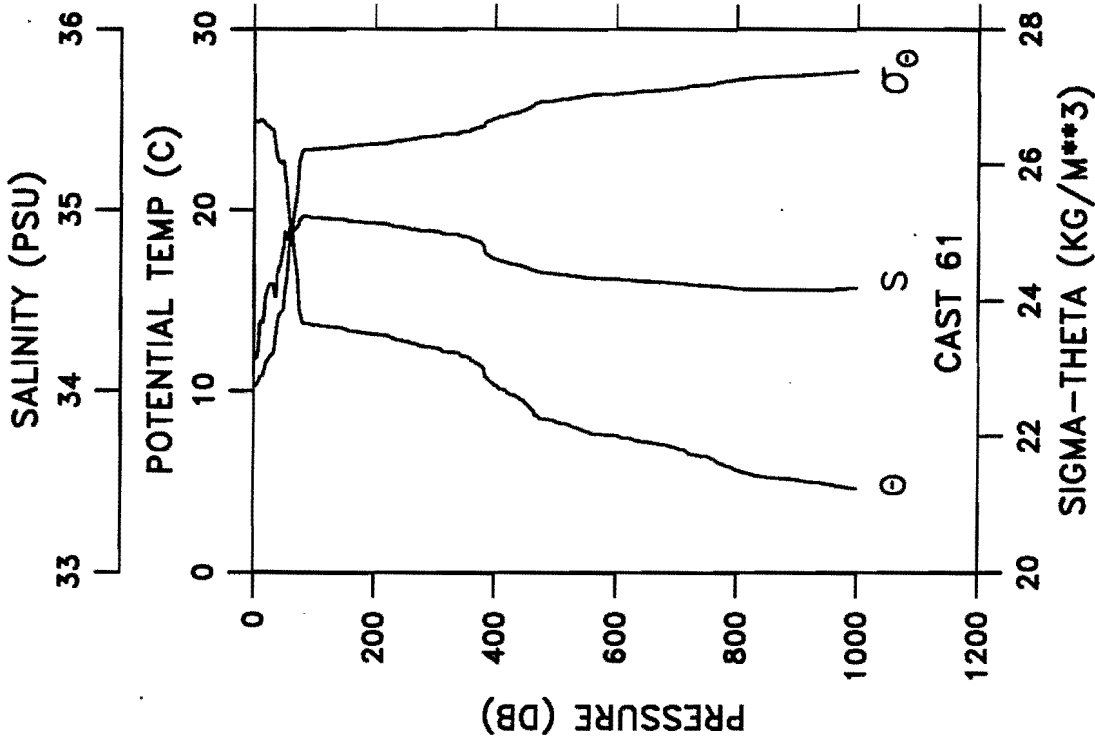
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.600	31.954	20.237	0.000
10	27.608	31.954	20.234	0.075
20	27.600	31.958	20.239	0.150
30	26.883	32.888	21.167	0.224
40	24.902	33.780	22.451	0.282
50	24.047	34.047	22.908	0.333
60	23.102	34.459	23.495	0.379
70	18.066	34.779	25.088	0.418
80	15.190	34.911	25.862	0.442
90	14.238	34.941	26.092	0.462
100	13.897	34.923	26.150	0.481
110	13.787	34.921	26.171	0.500
120	13.686	34.927	26.201	0.519
130	13.525	34.924	26.228	0.537
140	13.402	34.920	26.250	0.555
150	13.312	34.915	26.265	0.573
160	13.224	34.911	26.279	0.591
170	13.143	34.906	26.292	0.608
180	13.065	34.901	26.304	0.626
190	12.918	34.893	26.327	0.644
200	12.808	34.886	26.344	0.661
250	12.134	34.837	26.437	0.746
300	11.503	34.789	26.519	0.826
350	10.885	34.748	26.600	0.903
400	10.209	34.714	26.683	0.977
450	9.465	34.685	26.786	1.046
500	8.753	34.657	26.889	1.112
550	7.850	34.620	26.998	1.172
600	7.262	34.600	27.067	1.228
650	6.550	34.582	27.151	1.280
700	6.138	34.573	27.197	1.330
750	5.808	34.568	27.236	1.377
800	5.537	34.564	27.266	1.423
900	5.084	34.564	27.320	1.510
1000	4.627	34.570	27.377	1.593
1003	4.614	34.570	27.378	1.596

CAST GP1-96-MB-0051 DATE 08 MAY 96 TIME 0927 GMT
 LAT 04 00.8N LONG 095 03.9W WEATHER SEA STATE 3
 BAROMETER WIND DIR 190 T SPD 10 KT VISIBILITY
 CLOUD AMOUNT DRY 25.0 WET 22.8 DEPTH 3474 M



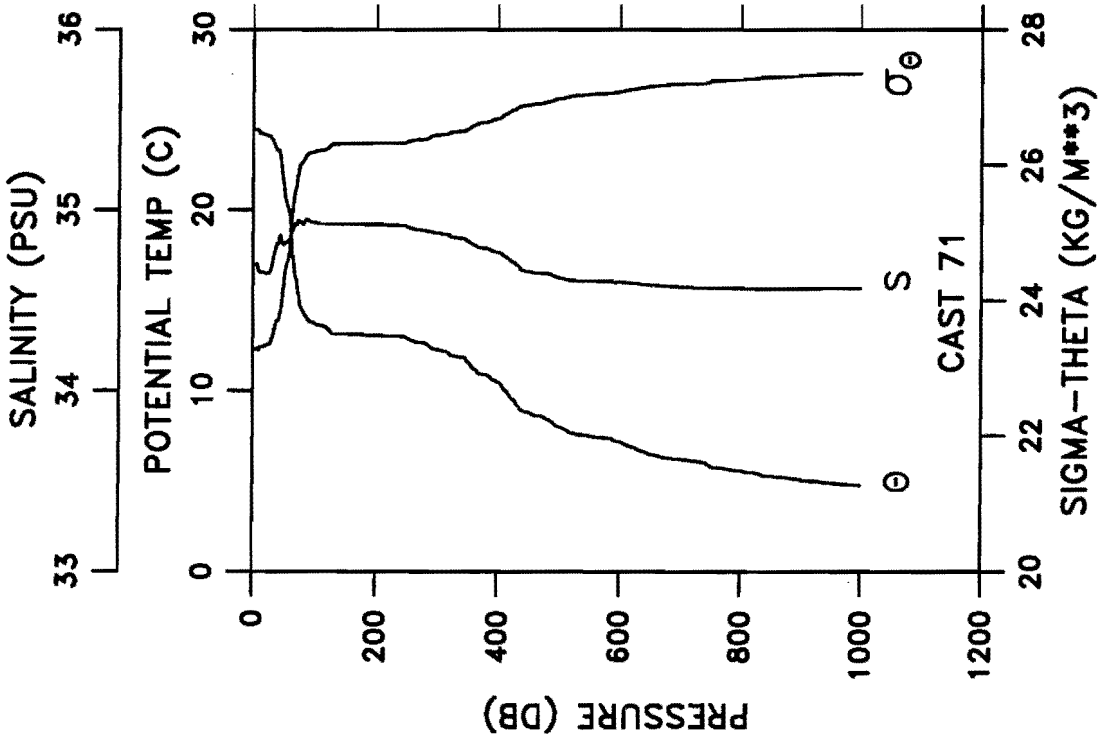
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.088	32.145	20.544	0.000
10	27.092	32.145	20.543	0.072
20	27.126	32.223	20.590	0.144
30	23.472	34.558	23.463	0.194
40	22.835	34.696	23.752	0.238
50	22.562	34.828	23.930	0.278
60	19.036	34.870	24.914	0.316
70	16.884	34.897	25.464	0.343
80	15.070	34.950	25.918	0.366
90	14.832	34.985	25.998	0.387
100	14.667	34.970	26.022	0.407
110	14.051	34.953	26.141	0.428
120	13.803	34.944	26.186	0.445
130	13.711	34.949	26.209	0.463
140	13.617	34.948	26.227	0.482
150	13.556	34.946	26.239	0.500
160	13.487	34.937	26.245	0.518
170	13.435	34.935	26.255	0.536
180	13.386	34.931	26.262	0.554
190	13.190	34.910	26.285	0.572
200	13.176	34.910	26.289	0.580
250	12.634	34.871	26.367	0.678
300	12.021	34.828	26.452	0.762
350	11.453	34.786	26.526	0.843
400	10.586	34.729	26.639	0.920
450	9.784	34.698	26.753	0.992
500	8.956	34.664	26.862	1.059
550	8.040	34.629	26.977	1.120
600	7.408	34.607	27.052	1.177
650	6.916	34.593	27.110	1.231
700	6.485	34.584	27.161	1.282
750	6.150	34.575	27.198	1.331
800	5.722	34.570	27.248	1.379
900	5.033	34.565	27.327	1.467
1000	4.482	34.564	27.388	1.548
1001	4.479	34.564	27.389	1.548

CASST GP1-86-MB-0061 DATE 08 MAY 96 TIME 1631 GMT
 LAT 03 00.3N LONG 095 11.7W WEATHER SEA STATE
 BAROMETER WIND DIR 173 T SPD 11 KT VISIBILITY
 CLOUD AMOUNT DRY 26.2 WET DEPTH 2703 M



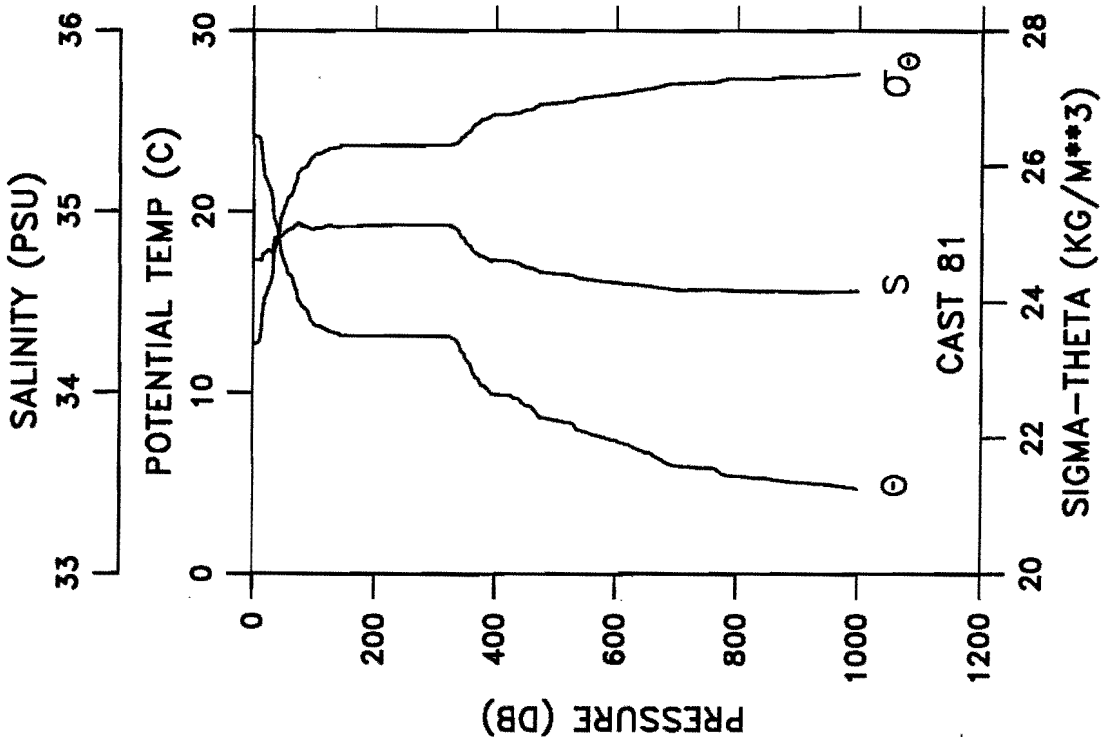
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.871	34.181	22.763	0.000
10	24.896	34.373	22.871	0.051
20	24.657	34.537	23.086	0.100
30	24.415	34.591	23.210	0.147
40	22.725	34.667	23.761	0.191
50	22.302	34.850	24.020	0.232
60	19.259	34.903	24.882	0.267
70	16.622	34.905	25.531	0.295
80	13.802	34.963	26.201	0.315
90	13.707	34.963	26.220	0.333
100	13.637	34.958	26.230	0.352
110	13.601	34.957	26.238	0.370
120	13.568	34.953	26.242	0.388
130	13.540	34.950	26.245	0.406
140	13.511	34.950	26.250	0.424
150	13.431	34.946	26.265	0.442
160	13.325	34.937	26.279	0.459
170	13.278	34.935	26.287	0.477
180	13.221	34.932	26.286	0.495
190	13.176	34.929	26.303	0.513
200	13.157	34.928	26.306	0.530
250	12.767	34.902	26.364	0.618
300	12.390	34.881	26.422	0.702
350	11.931	34.853	26.489	0.785
400	10.347	34.730	26.682	0.863
450	9.371	34.686	26.812	0.932
500	8.327	34.647	26.948	0.994
550	7.774	34.627	27.015	1.052
600	7.537	34.620	27.044	1.108
650	7.188	34.607	27.083	1.163
700	6.863	34.586	27.120	1.216
750	6.393	34.584	27.173	1.267
800	5.644	34.567	27.256	1.315
800	5.125	34.560	27.312	1.403
1000	4.615	34.570	27.378	1.486
1002	4.615	34.569	27.377	1.488

CAST GP1-96-MB-0071 DATE 08 MAY 96 TIME 2215 GMT
 LAT 02 02.5N LONG 095 21.8W WEATHER SEA STATE
 BAROMETER 08 WIND DIR 168 T SPD 10 KT VISIBILITY
 CLOUD AMOUNT DRY 27.4 WET DEPTH 2664 M



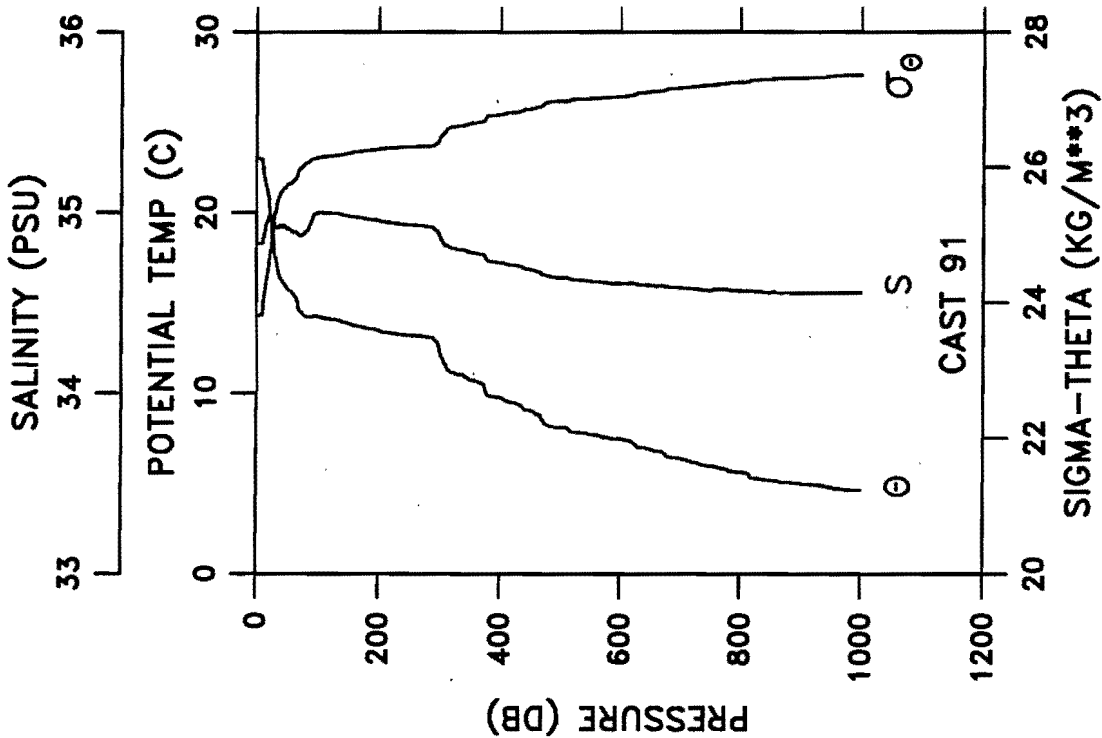
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.451	34.697	23.279	0.000
10	24.333	34.658	23.285	0.046
20	24.158	34.649	23.330	0.092
30	23.942	34.680	23.418	0.137
40	23.320	34.813	23.701	0.180
50	21.496	34.807	24.213	0.220
60	19.464	34.839	24.781	0.254
70	16.116	34.922	25.661	0.281
80	14.435	34.926	26.038	0.302
90	13.871	34.942	26.170	0.321
100	13.726	34.930	26.191	0.340
110	13.599	34.926	26.214	0.358
120	13.463	34.924	26.240	0.376
130	13.152	34.924	26.304	0.394
140	13.121	34.923	26.310	0.411
150	13.113	34.923	26.311	0.429
160	13.101	34.922	26.313	0.446
170	13.098	34.922	26.313	0.464
180	13.081	34.921	26.316	0.481
190	13.062	34.920	26.319	0.498
200	13.048	34.920	26.322	0.516
250	12.912	34.909	26.341	0.604
300	12.267	34.872	26.439	0.689
350	11.612	34.828	26.529	0.771
400	10.483	34.765	26.685	0.846
450	8.817	34.659	26.881	0.912
500	8.019	34.625	26.977	0.973
550	7.494	34.610	27.042	1.029
600	7.161	34.601	27.082	1.084
650	6.476	34.584	27.163	1.136
700	6.198	34.574	27.191	1.185
750	5.827	34.566	27.232	1.233
800	5.587	34.565	27.261	1.279
900	5.079	34.565	27.321	1.367
1000	4.771	34.566	27.358	1.450
1002	4.730	34.566	27.362	1.452

CAST GP1-96-MB-0081 DATE 09 MAY 96 TIME 0403 GMT
 LAT 01 00.2N LONG 095 07.7W WEATHER SEA STATE
 BAROMETER 11 WIND DIR 140 T SPD 09 KT VISIBILITY
 CLOUD AMOUNT DRY 25.0 WET DEPTH 3454 M



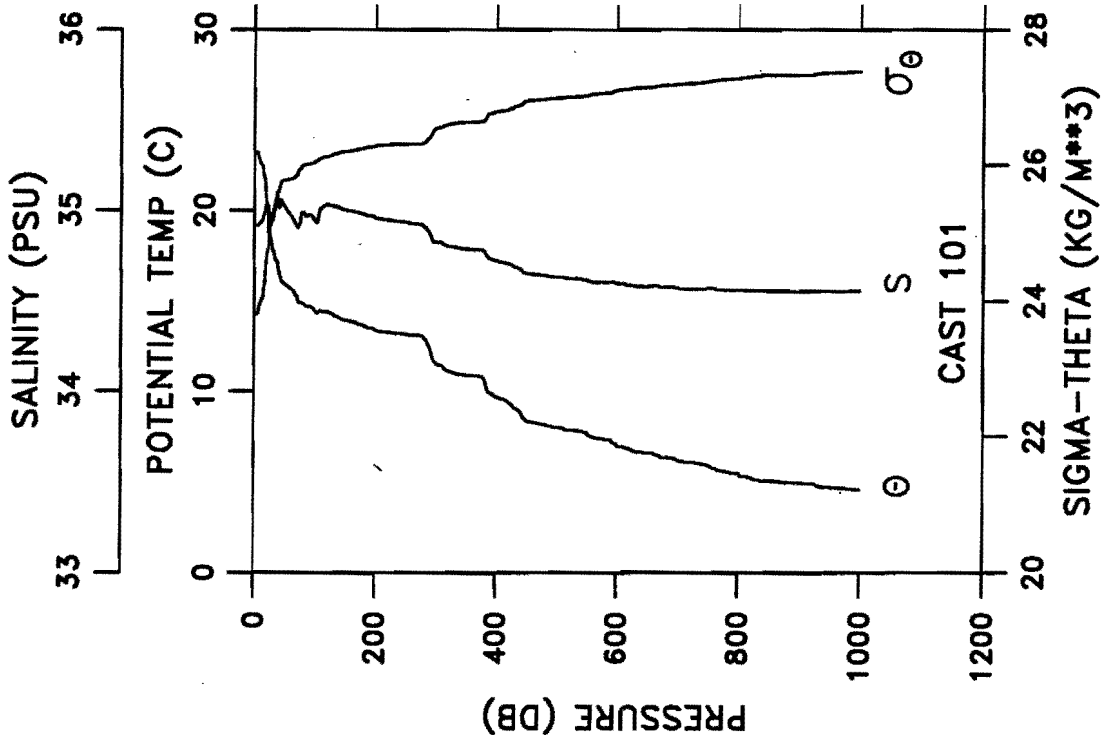
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.168	34.734	23.392	0.000
10	24.071	34.734	23.421	0.045
20	21.880	34.771	24.079	0.086
30	20.963	34.778	24.336	0.123
40	18.984	34.859	24.918	0.156
50	17.321	34.876	25.343	0.184
60	16.498	34.800	25.557	0.209
70	15.689	34.922	25.759	0.233
80	14.752	34.919	25.965	0.254
90	14.418	34.911	26.030	0.274
100	13.782	34.904	26.157	0.294
110	13.653	34.908	26.189	0.312
120	13.467	34.918	26.235	0.330
130	13.330	34.918	26.263	0.348
140	13.248	34.913	26.276	0.366
150	13.138	34.918	26.302	0.384
160	13.131	34.918	26.304	0.401
170	13.129	34.919	26.305	0.419
180	13.130	34.921	26.306	0.436
190	13.131	34.921	26.306	0.454
200	13.132	34.921	26.306	0.472
250	13.137	34.924	26.307	0.580
300	13.117	34.924	26.311	0.649
350	11.850	34.829	26.485	0.737
400	9.900	34.732	26.760	0.811
450	9.300	34.693	26.829	0.879
500	8.479	34.658	26.829	0.941
550	7.836	34.628	27.007	1.000
600	7.366	34.609	27.060	1.056
650	6.888	34.590	27.139	1.109
700	5.951	34.568	27.218	1.158
750	5.834	34.569	27.234	1.205
800	5.378	34.563	27.285	1.250
850	5.053	34.558	27.319	1.337
900	4.885	34.564	27.366	1.421
1000	4.854	34.564	27.369	1.422

CAST GP1-96-MB-0091 DATE 09 MAY 96 TIME 1053 GMT
 LAT 00 08.3N LONG 084 49.8W WEATHER SEA STATE
 BAROMETER WIND DIR T SPD KT VISIBILITY
 CLOUD AMOUNT WIND DIR WET WET DEPTH 3390 M



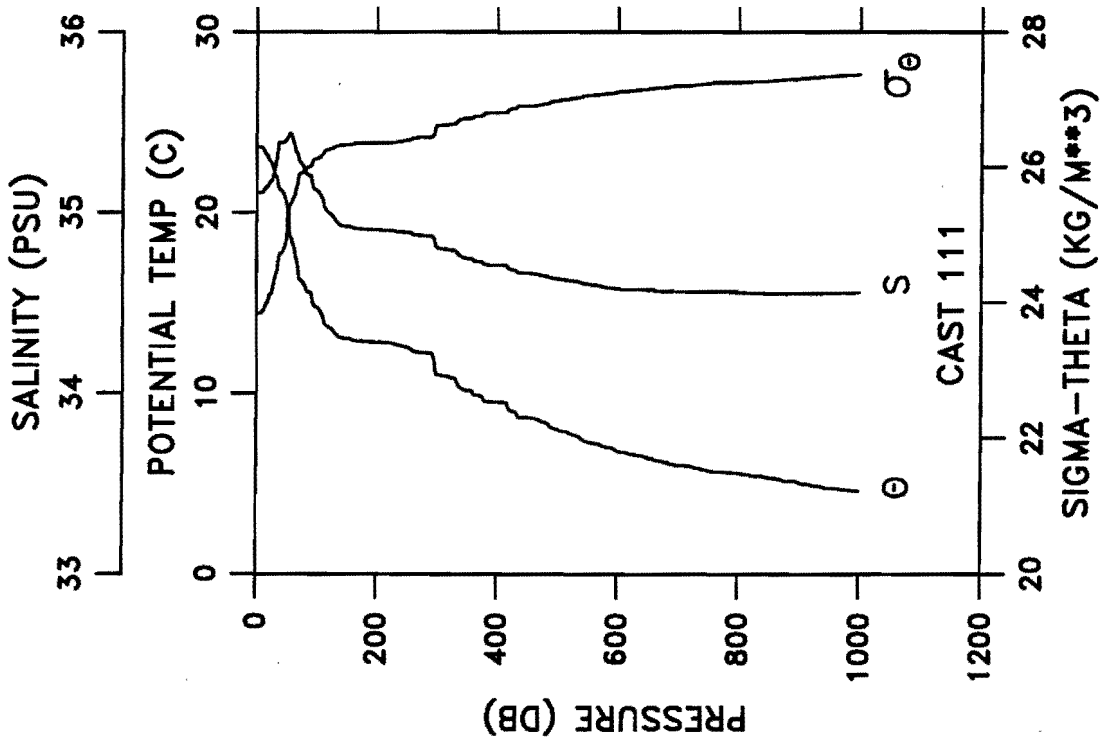
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.011	34.827	23.801	0.000
10	22.852	34.829	23.848	0.041
20	20.844	34.977	24.520	0.078
30	17.554	34.925	25.325	0.108
40	16.280	34.927	25.628	0.133
50	15.749	34.914	25.739	0.156
60	15.453	34.888	25.786	0.178
70	14.541	34.871	25.973	0.200
80	14.229	34.891	26.055	0.220
90	14.171	34.950	26.113	0.239
100	14.221	34.989	26.140	0.258
110	14.125	34.995	26.157	0.277
120	14.086	34.986	26.166	0.296
130	14.045	34.994	26.174	0.315
140	13.937	34.987	26.181	0.334
150	13.851	34.981	26.204	0.352
160	13.723	34.974	26.226	0.370
170	13.669	34.971	26.234	0.389
180	13.573	34.984	26.249	0.407
190	13.524	34.960	26.256	0.425
200	13.442	34.954	26.268	0.443
250	13.181	34.932	26.305	0.532
300	12.237	34.866	26.440	0.621
350	10.736	34.779	26.651	0.697
400	9.745	34.722	26.778	0.767
450	9.027	34.683	26.866	0.833
500	8.076	34.637	26.978	0.893
550	7.705	34.618	27.018	0.950
600	7.451	34.606	27.045	1.006
650	6.891	34.595	27.115	1.060
700	6.383	34.582	27.173	1.111
750	5.970	34.566	27.214	1.160
800	5.626	34.585	27.256	1.206
900	5.005	34.554	27.322	1.283
1000	4.645	34.556	27.364	1.377
1500	2.976	34.607	27.574	1.729
2000	2.130	34.644	27.676	2.013
2500	1.700	34.666	27.727	2.261
3000	1.520	34.676	27.749	2.493
3001	1.521	34.676	27.749	2.493

CAST GP1-96-MB-0101 DATE 09 MAY 96 TIME 2104 GMT
 LAT 00 01.6S LONG 094 57.3W WEATHER SEA STATE
 BAROMETER WIND DIR 123 T SPD 09 KT VISIBILITY
 CLOUD AMOUNT DRY 25.3 WET DEPTH 3375 M



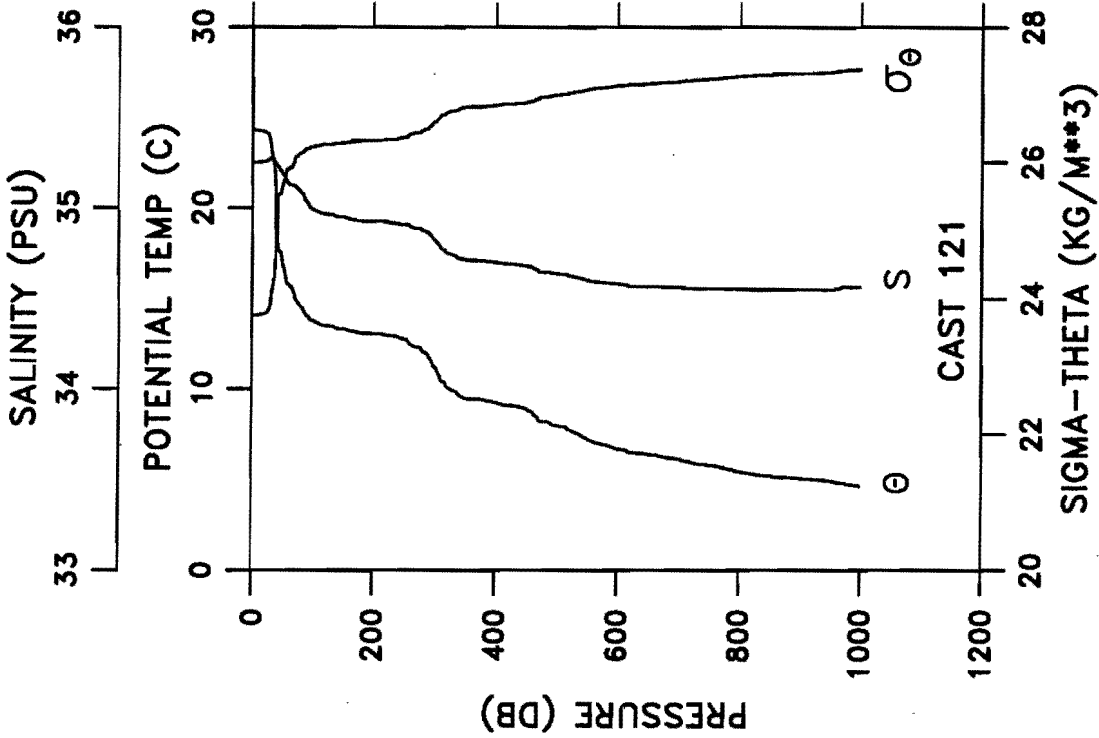
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.213	34.917	23.811	0.000
10	22.653	34.934	23.985	0.040
20	20.495	35.021	24.647	0.078
30	17.848	34.958	25.278	0.107
40	16.710	35.037	25.612	0.133
50	15.940	35.021	25.778	0.155
60	15.706	34.974	25.795	0.178
70	15.257	34.915	25.851	0.199
80	14.860	34.985	25.992	0.220
90	14.704	34.973	26.016	0.240
100	14.477	34.943	26.043	0.260
110	14.457	35.012	26.100	0.280
120	14.399	35.030	26.126	0.299
130	14.258	35.024	26.152	0.318
140	14.075	35.015	26.183	0.337
150	13.940	35.002	26.202	0.356
160	13.876	34.997	26.212	0.374
170	13.766	34.989	26.229	0.393
180	13.647	34.980	26.246	0.411
190	13.508	34.969	26.266	0.429
200	13.387	34.960	26.284	0.447
250	13.170	34.935	26.309	0.536
300	11.551	34.827	26.540	0.622
350	10.900	34.788	26.629	0.698
400	9.703	34.723	26.786	0.770
450	8.378	34.654	26.945	0.834
500	7.990	34.633	26.987	0.883
550	7.707	34.617	27.017	0.950
600	7.048	34.599	27.096	1.005
650	6.600	34.581	27.143	1.056
700	6.205	34.574	27.190	1.106
750	5.917	34.572	27.225	1.154
800	5.489	34.563	27.271	1.200
900	4.963	34.552	27.324	1.266
1000	4.585	34.556	27.371	1.368
1000	4.585	34.556	27.371	1.368

CAST GP1-96-MB-0111 DATE 10 MAY 96 TIME 0949 GMT
 LAT 00 59.6S LONG 085 30.6W WEATHER SEA STATE
 BAROMETER WIND DIR 110 T SPD 09 KT VISIBILITY
 CLOUD AMOUNT DRY DIR 23.1 WET 22.5 DEPTH 3340 M



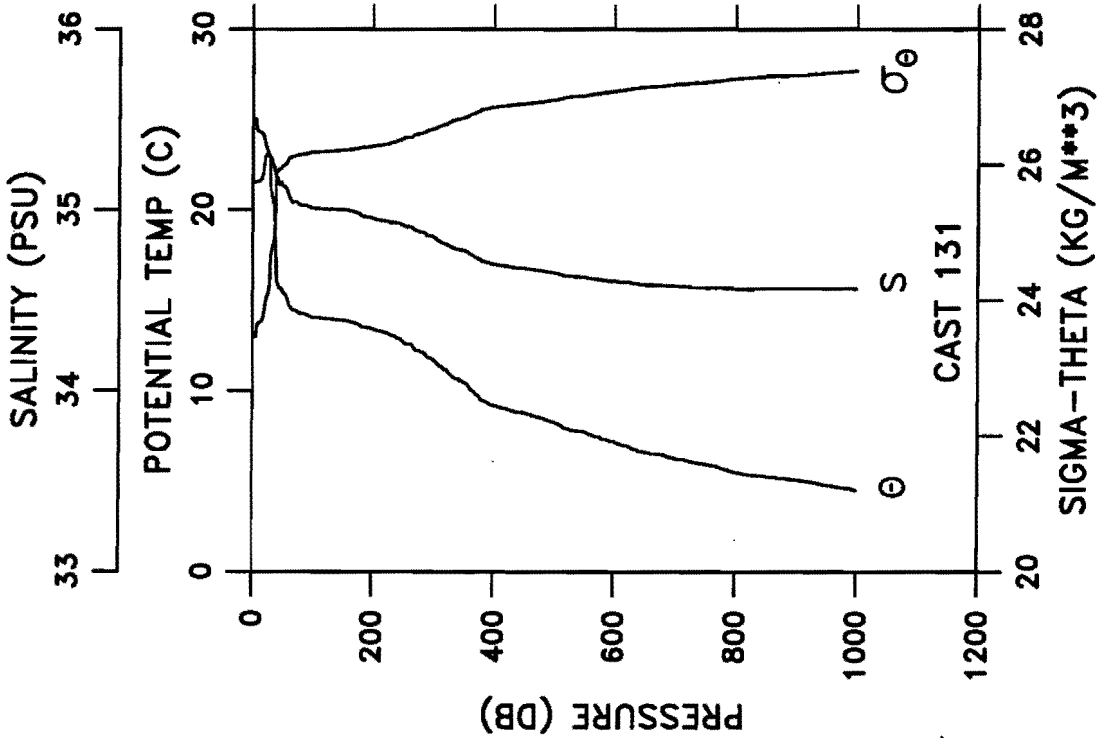
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.631	35.107	23.833	0.000
10	23.543	35.114	23.864	0.041
20	23.002	35.153	24.051	0.080
30	22.188	35.232	24.343	0.118
40	21.242	35.388	24.724	0.152
50	20.516	35.403	24.933	0.183
60	18.291	35.411	25.515	0.210
70	16.479	35.302	25.870	0.233
80	15.944	35.239	25.845	0.254
90	15.557	35.202	26.005	0.275
100	14.751	35.123	26.122	0.284
110	14.309	35.076	26.181	0.313
120	13.647	34.999	26.261	0.331
130	13.347	34.965	26.297	0.349
140	13.072	34.930	26.325	0.366
150	13.013	34.924	26.332	0.384
160	12.934	34.916	26.342	0.401
170	12.869	34.910	26.350	0.418
180	12.839	34.907	26.354	0.435
190	12.828	34.906	26.355	0.452
200	12.806	34.904	26.358	0.469
250	12.537	34.890	26.400	0.555
300	11.018	34.806	26.821	0.637
350	10.164	34.747	26.727	0.709
400	9.522	34.709	26.806	0.777
450	8.673	34.664	26.907	0.840
500	8.014	34.633	26.984	0.900
550	7.320	34.604	27.062	0.956
600	6.791	34.577	27.115	1.010
650	6.425	34.568	27.156	1.061
700	6.014	34.562	27.205	1.109
750	5.714	34.560	27.241	1.157
800	5.587	34.557	27.254	1.203
850	5.068	34.549	27.310	1.282
900	4.589	34.559	27.372	1.375
1000	4.589	34.559	27.372	1.375

CAST GP1-96-MB-0121 DATE 10 MAY 96 TIME 1530 GMT
 LAT 01 58.7S LONG 095 06.4W WEATHER SEA STATE
 BAROMETER WIND DIR 117 T SPD 11 KT VISIBILITY
 CLOUD AMOUNT DRY 25.9 WET DEPTH 3423 M



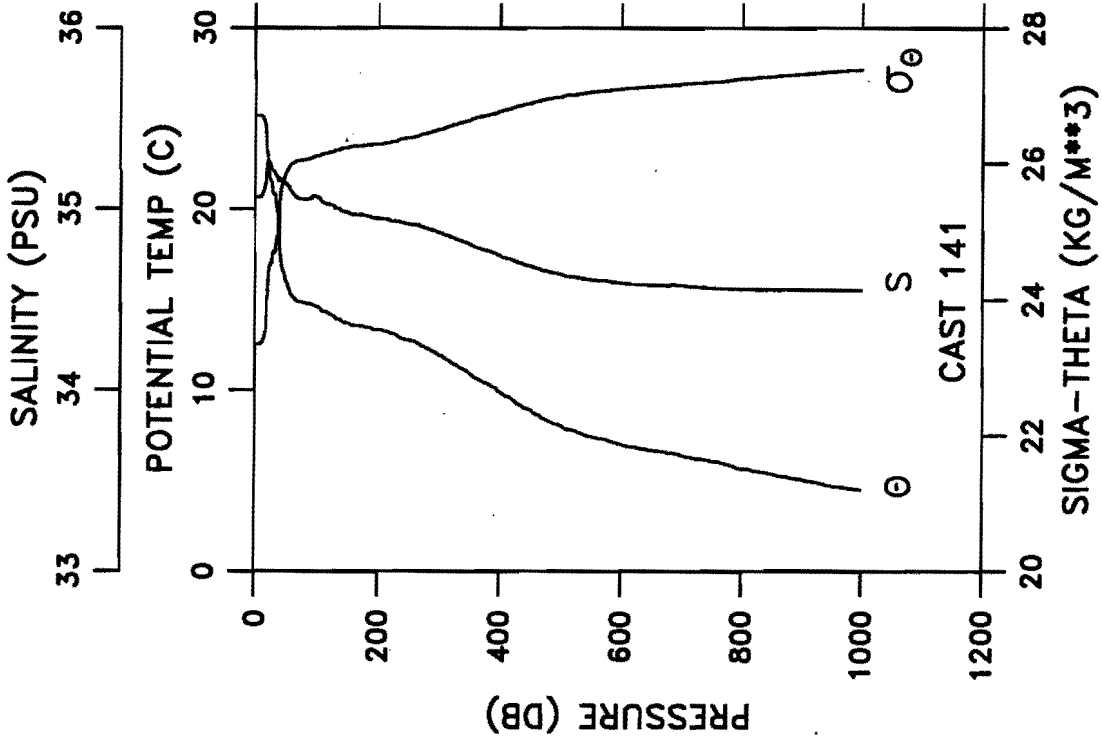
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.284	35.253	23.750	0.000
10	24.265	35.252	23.755	0.041
20	24.212	35.256	23.774	0.083
30	23.765	35.273	23.919	0.124
40	19.704	35.244	25.027	0.160
50	17.019	35.191	25.658	0.185
60	15.775	35.134	25.903	0.207
70	15.258	35.122	26.010	0.228
80	14.578	35.081	26.135	0.247
90	14.084	35.035	26.201	0.266
100	13.779	34.995	26.230	0.284
110	13.635	34.979	26.248	0.302
120	13.490	34.966	26.268	0.320
130	13.476	34.965	26.269	0.337
140	13.352	34.952	26.285	0.355
150	13.325	34.949	26.288	0.373
160	13.235	34.941	26.300	0.391
170	13.161	34.934	26.310	0.408
180	13.090	34.928	26.320	0.426
190	13.067	34.926	26.323	0.443
200	13.055	34.926	26.326	0.460
250	12.773	34.908	26.368	0.547
300	11.223	34.828	26.600	0.629
350	9.485	34.716	26.817	0.698
400	9.277	34.701	26.840	0.763
450	8.911	34.683	26.884	0.826
500	7.976	34.638	26.994	0.888
550	7.262	34.603	27.069	0.941
600	6.693	34.583	27.133	0.994
650	6.398	34.568	27.160	1.044
700	6.126	34.564	27.192	1.093
750	5.778	34.558	27.232	1.141
800	5.430	34.554	27.271	1.186
800	5.065	34.551	27.312	1.274
1000	4.620	34.568	27.376	1.358
1005	4.605	34.568	27.377	1.362

CAST GP1-96-MB-0131 DATE 10 MAY 96 TIME 2201 GMT
 LAT 02 58.7S LONG 095 08.2W WEATHER SEA STATE
 BAROMETER 07 WIND DIR 100 T SPD 09 KT VISIBILITY
 CLOUD AMOUNT DRY 26.1 WET DEPTH 3600 M



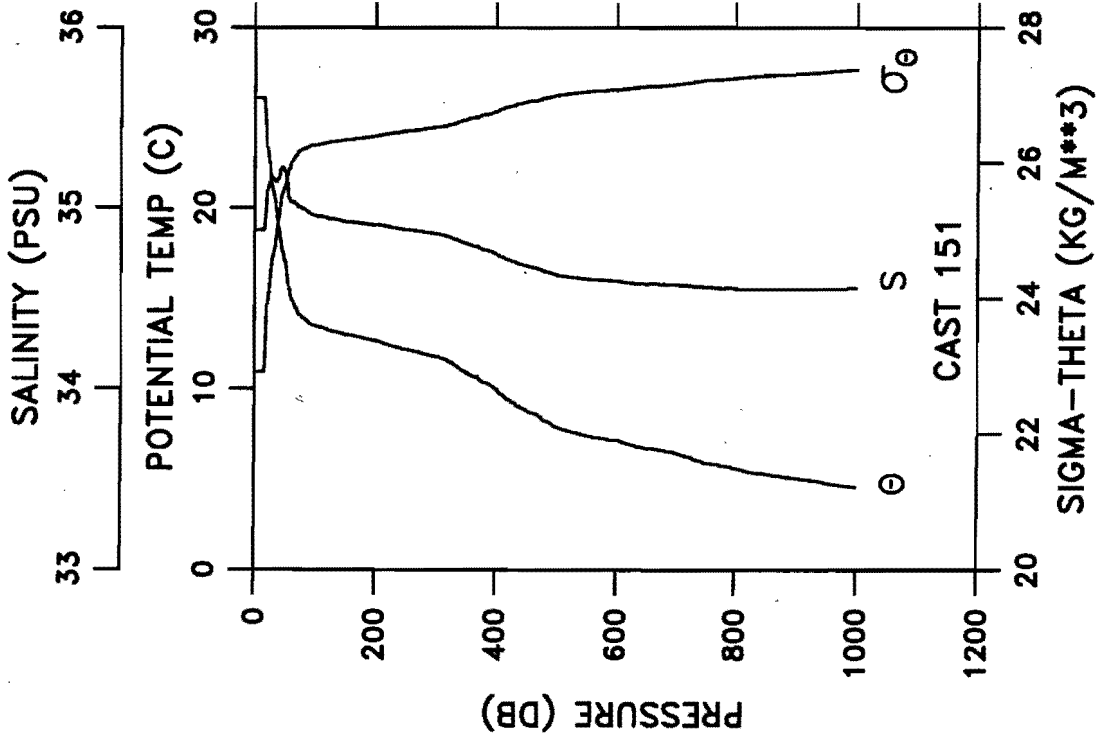
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.014	35.155	23.456	0.000
10	24.355	35.156	23.656	0.044
20	23.816	35.275	23.906	0.085
30	21.372	35.288	24.613	0.123
40	18.084	35.184	25.871	0.153
50	15.449	35.134	25.976	0.174
60	14.757	35.081	26.089	0.194
70	14.437	35.043	26.128	0.213
80	14.258	35.026	26.153	0.231
90	14.190	35.022	26.165	0.250
100	14.036	35.008	26.187	0.269
110	14.020	35.007	26.189	0.287
120	13.981	35.004	26.195	0.306
130	13.954	35.003	26.200	0.324
140	13.910	35.001	26.207	0.343
150	13.877	35.000	26.214	0.361
160	13.828	34.997	26.221	0.379
170	13.743	34.988	26.233	0.398
180	13.578	34.971	26.254	0.416
190	13.482	34.961	26.265	0.434
200	13.408	34.953	26.275	0.452
250	12.733	34.916	26.382	0.540
300	11.708	34.851	26.529	0.622
350	10.477	34.775	26.694	0.697
400	9.203	34.700	26.851	0.763
450	8.785	34.677	26.900	0.826
500	8.275	34.652	26.960	0.886
550	7.750	34.629	27.020	0.944
600	7.188	34.608	27.084	0.999
650	6.610	34.586	27.146	1.051
700	6.261	34.581	27.188	1.100
750	5.948	34.569	27.219	1.149
800	5.491	34.562	27.270	1.195
800	5.073	34.566	27.323	1.282
1000	4.489	34.563	27.387	1.365
1003	4.475	34.563	27.388	1.367

CAST GP1-96-MB-0141 DATE 11 MAY 96 TIME 0329 GMT
 LAT 04 00.15 LONG 095 10.3W WEATHER SEA STATE
 BAROMETER 09 WIND DIR 110 T SPD 15 KT VISIBILITY
 CLOUD AMOUNT DRY 28.6 WET DEPTH 3653 M



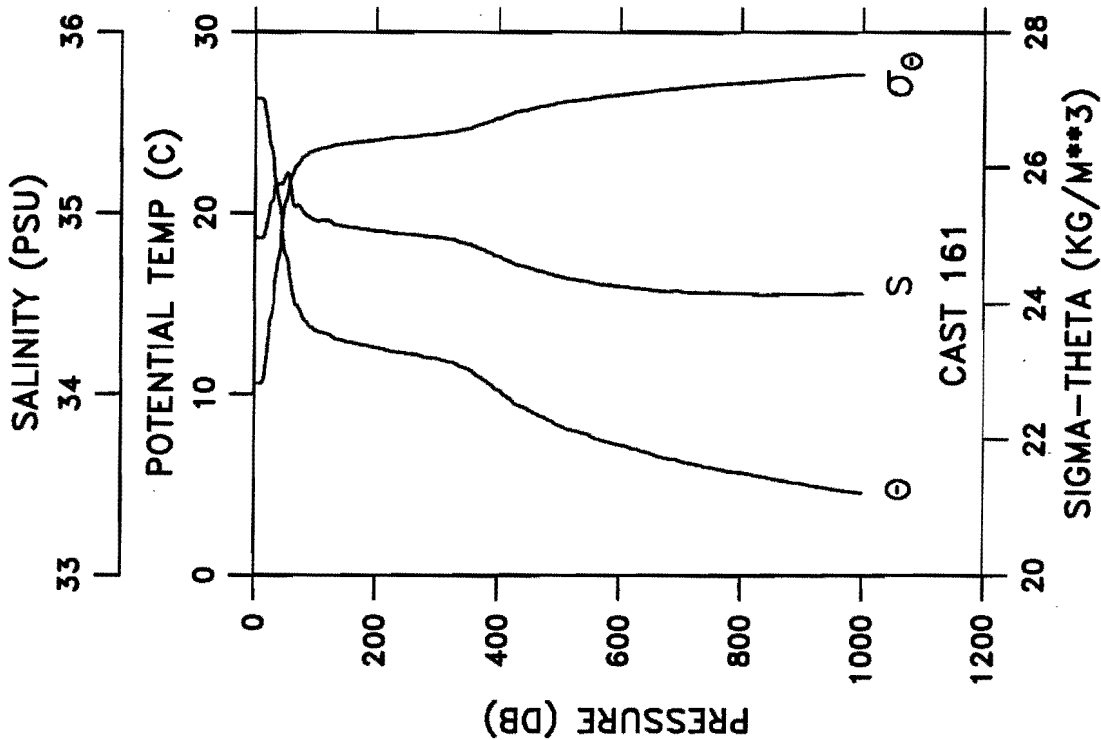
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.166	35.067	23.343	0.000
10	25.158	35.068	23.346	0.045
20	23.153	35.258	24.086	0.089
30	20.805	35.209	24.707	0.123
40	17.891	35.170	25.430	0.154
50	15.980	35.139	25.860	0.177
60	15.208	35.090	25.986	0.197
70	14.895	35.058	26.041	0.217
80	14.816	35.052	26.053	0.237
90	14.727	35.056	26.076	0.257
100	14.600	35.067	26.112	0.276
110	14.350	35.037	26.142	0.295
120	14.226	35.025	26.159	0.314
130	13.935	35.005	26.205	0.333
140	13.809	34.988	26.219	0.351
150	13.701	34.980	26.235	0.370
160	13.557	34.969	26.256	0.388
170	13.526	34.966	26.260	0.406
180	13.457	34.960	26.270	0.424
190	13.355	34.950	26.283	0.442
200	13.336	34.947	26.285	0.459
250	12.744	34.915	26.379	0.547
300	11.900	34.868	26.506	0.630
350	10.911	34.804	26.639	0.707
400	9.894	34.741	26.768	0.778
450	8.944	34.687	26.883	0.843
500	8.051	34.841	26.984	0.902
550	7.425	34.610	27.052	0.959
600	6.981	34.592	27.100	1.012
650	6.660	34.580	27.134	1.064
700	6.365	34.577	27.171	1.115
750	6.056	34.565	27.202	1.164
800	5.638	34.558	27.249	1.211
800	5.043	34.553	27.316	1.300
1000	4.490	34.556	27.381	1.383
1002	4.472	34.556	27.383	1.384

CAST GP1-96-MB-0151 DATE 11 MAY 96 TIME 0931 GMT
 LAT 04 58.35 LONG 095 13.4W WEATHER SEA STATE
 BAROMETER WIND DIR 150 T SPD 13 KT VISIBILITY
 CLOUD AMOUNT DRY 27.0 WET DEPTH 3810 M



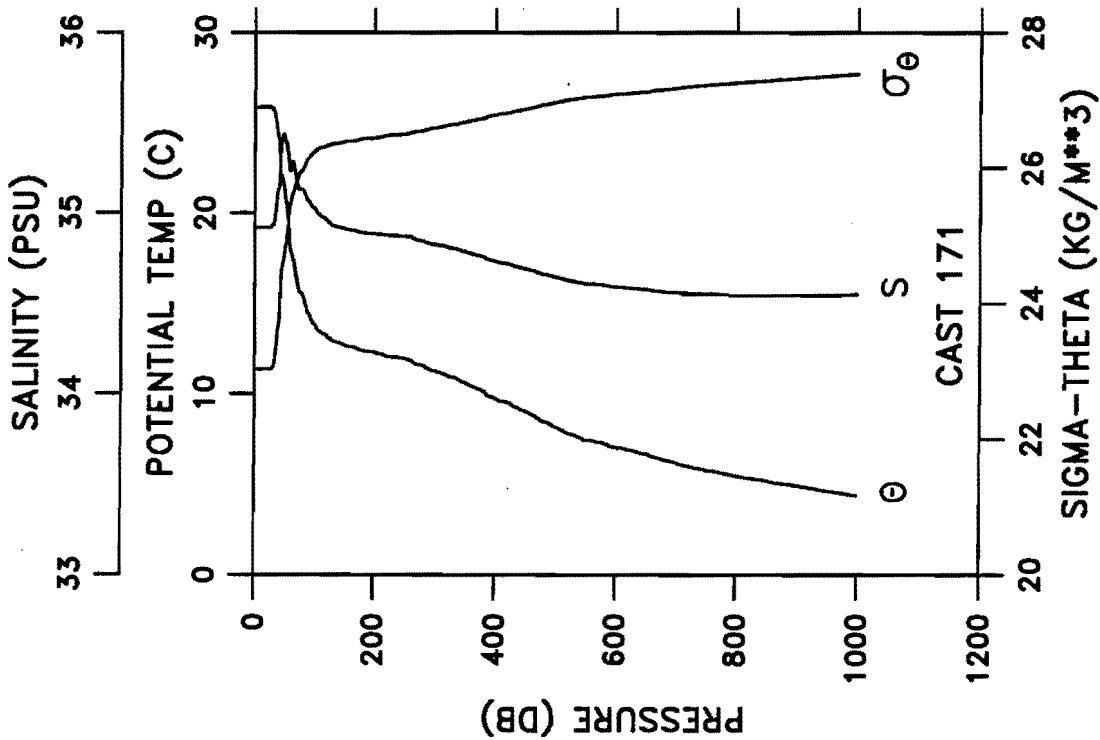
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.087	34.875	22.914	0.000
10	26.087	34.878	22.916	0.049
20	23.385	35.089	23.891	0.097
30	21.016	35.166	24.617	0.134
40	18.873	35.164	25.180	0.165
50	17.084	35.203	25.656	0.190
60	14.993	35.036	26.002	0.212
70	14.339	35.015	26.127	0.231
80	13.903	34.996	26.205	0.250
90	13.614	34.972	26.247	0.268
100	13.462	34.956	26.266	0.286
110	13.381	34.951	26.278	0.303
120	13.253	34.943	26.299	0.321
130	13.153	34.938	26.315	0.338
140	13.087	34.932	26.323	0.356
150	12.976	34.922	26.338	0.373
160	12.949	34.923	26.344	0.390
170	12.859	34.918	26.359	0.407
180	12.792	34.913	26.368	0.424
190	12.708	34.908	26.381	0.441
200	12.651	34.907	26.391	0.458
250	12.150	34.880	26.468	0.541
300	11.767	34.858	26.523	0.621
350	10.946	34.807	26.635	0.698
400	9.987	34.748	26.758	0.769
450	8.840	34.681	26.894	0.834
500	7.887	34.631	27.001	0.893
550	7.414	34.608	27.052	0.949
600	7.160	34.598	27.080	1.003
650	6.700	34.578	27.128	1.058
700	6.444	34.576	27.160	1.107
750	5.886	34.563	27.222	1.158
800	5.588	34.554	27.251	1.203
900	5.060	34.552	27.313	1.291
1000	4.564	34.558	27.374	1.375
1500	2.969	34.604	27.572	1.726
2000	2.101	34.647	27.681	2.004
2500	1.705	34.669	27.729	2.248
3000	1.529	34.677	27.749	2.481
3001	1.530	34.677	27.748	2.481

CAST GP1-96-MB-0161 DATE 12 MAY 96 TIME 0138 GMT
 LAT 05 01.1S LONG 085 05.7W WEATHER SEA STATE
 BAROMETER 11 WIND DIR 150 T SPD 11 KT VISIBILITY
 CLOUD AMOUNT DRY 27.1 WET DEPTH 3812 M



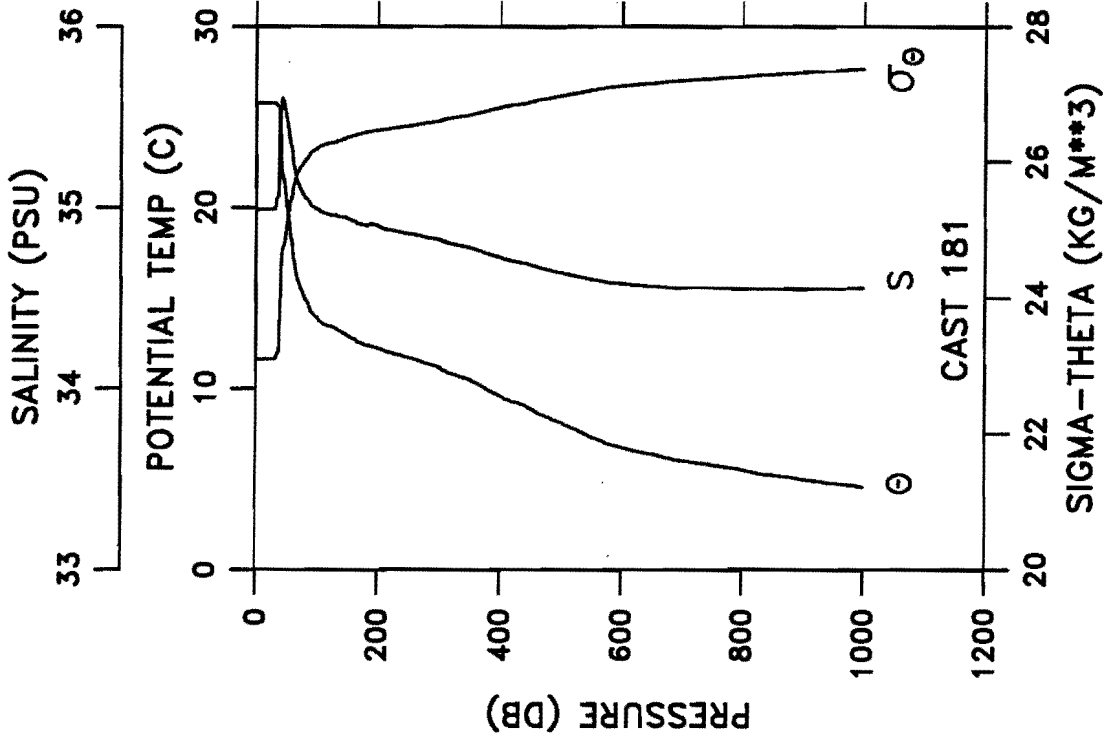
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.333	34.868	22.832	0.000
10	26.333	34.863	22.828	0.050
20	25.141	34.940	23.255	0.099
30	23.294	35.068	23.902	0.142
40	20.722	35.156	24.689	0.177
50	17.773	35.197	25.480	0.206
60	15.993	35.127	25.848	0.229
70	14.886	35.041	26.029	0.250
80	14.192	35.008	26.154	0.268
90	13.748	34.976	26.222	0.288
100	13.519	34.959	26.256	0.306
110	13.385	34.959	26.284	0.324
120	13.310	34.961	26.301	0.341
130	13.116	34.941	26.324	0.358
140	12.994	34.932	26.342	0.376
150	12.895	34.925	26.356	0.393
160	12.843	34.922	26.365	0.410
170	12.768	34.917	26.376	0.427
180	12.693	34.911	26.386	0.443
190	12.628	34.907	26.395	0.460
200	12.556	34.902	26.405	0.477
250	12.226	34.884	26.456	0.559
300	11.950	34.868	26.496	0.640
350	11.383	34.830	26.574	0.719
400	10.232	34.762	26.727	0.793
450	9.134	34.699	26.861	0.859
500	8.284	34.652	26.958	0.921
550	7.752	34.621	27.014	0.979
600	7.177	34.595	27.075	1.034
650	6.719	34.577	27.124	1.087
700	6.287	34.568	27.175	1.137
750	5.923	34.564	27.218	1.185
800	5.643	34.556	27.247	1.232
800	5.031	34.552	27.316	1.321
1000	4.526	34.556	27.377	1.404
1003	4.526	34.555	27.376	1.406

CAST CP1-96-MB-0171 DATE 12 MAY 86 TIME 0933 GMT
 LAT 06 00.1S LONG 095 08.6W WEATHER SEA STATE
 BAROMETER WIND DIR 145 T SPD 10 KT VISIBILITY
 CLOUD AMOUNT DRY 27.0 WET DEPTH 3896 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.838	34.920	23.025	0.000
10	25.849	34.918	23.020	0.048
20	25.848	34.919	23.021	0.097
30	25.759	34.932	23.059	0.145
40	24.149	35.134	23.700	0.191
50	21.135	35.410	24.771	0.226
60	17.879	35.239	25.486	0.255
70	16.292	35.173	25.814	0.278
80	15.416	35.131	25.981	0.299
90	14.420	35.066	26.149	0.319
100	13.820	35.024	26.244	0.337
110	13.397	34.985	26.301	0.355
120	13.191	34.963	26.326	0.372
130	12.917	34.929	26.355	0.389
140	12.821	34.923	26.369	0.406
150	12.686	34.914	26.390	0.423
160	12.604	34.906	26.400	0.440
170	12.536	34.901	26.409	0.456
180	12.379	34.891	26.432	0.473
190	12.333	34.887	26.438	0.489
200	12.298	34.886	26.443	0.505
250	11.952	34.872	26.500	0.585
300	11.267	34.826	26.592	0.663
350	10.622	34.787	26.678	0.737
400	9.755	34.734	26.786	0.806
450	9.051	34.693	26.870	0.871
500	8.179	34.646	26.969	0.932
550	7.448	34.610	27.048	0.989
600	7.065	34.592	27.089	1.044
650	6.713	34.578	27.126	1.096
700	6.215	34.580	27.177	1.146
750	5.821	34.554	27.223	1.194
800	5.493	34.546	27.257	1.241
800	4.931	34.544	27.322	1.329
1000	4.385	34.550	27.388	1.411
1002	4.379	34.550	27.388	1.412

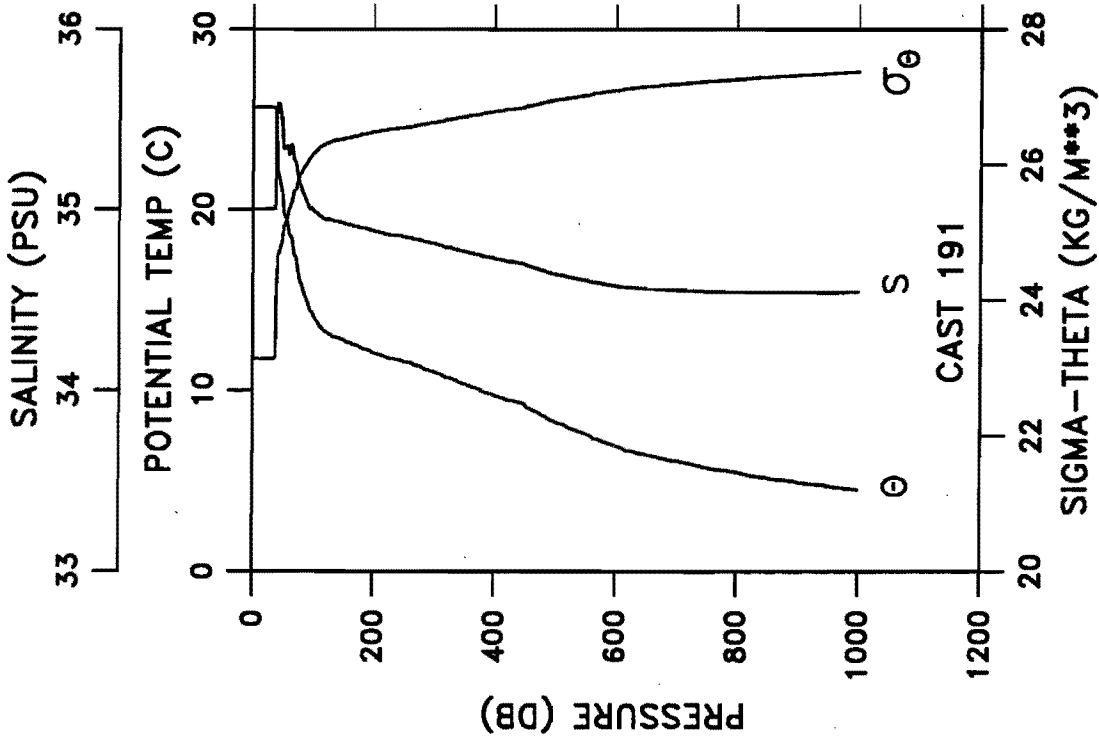
CAST GP1-96-MB-0181 DATE 12 MAY 96 TIME 1257 GMT
 LAT 06 59.9S LONG 095 06.4W WEATHER SEA STATE
 BAROMETER WIND DIR 125 T SPD 05 KT VISIBILITY
 CLOUD AMOUNT DRY 26.8 WET DEPTH 3740 M



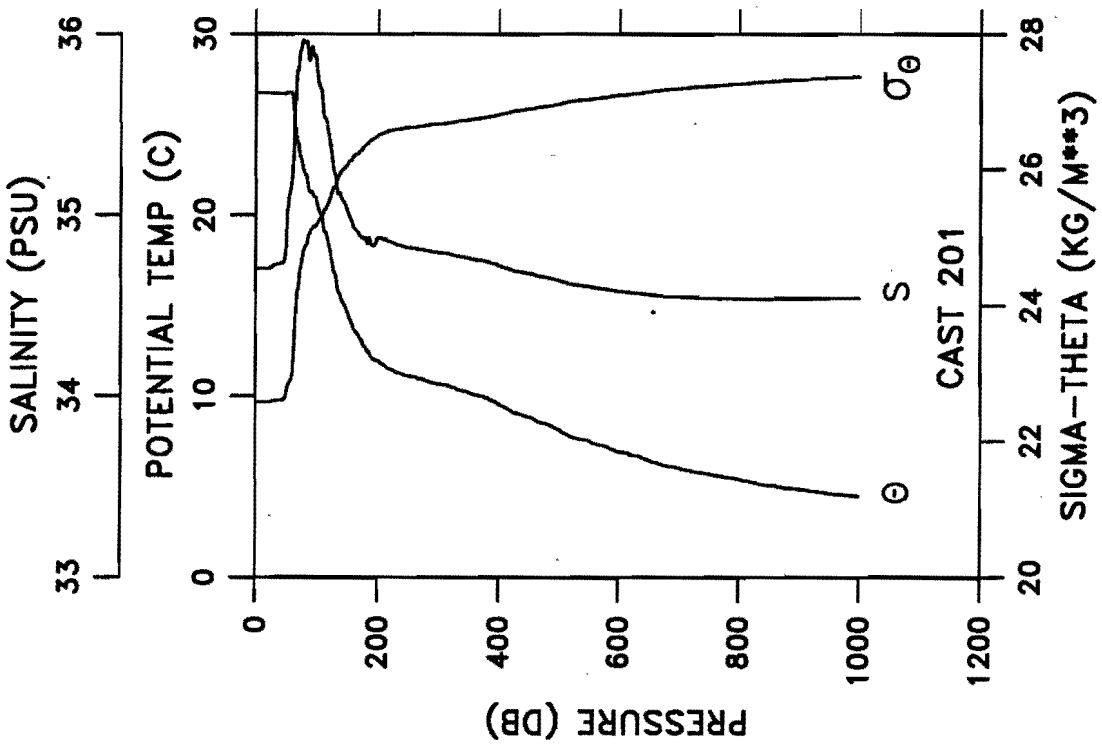
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.774	34.990	23.098	0.000
10	25.766	34.991	23.101	0.048
20	25.775	34.990	23.098	0.095
30	25.771	34.994	23.102	0.143
40	23.381	35.457	24.172	0.189
50	20.288	35.497	25.066	0.221
60	17.519	35.273	25.600	0.247
70	15.838	35.123	25.880	0.270
80	14.965	35.055	26.023	0.291
90	14.222	35.011	26.150	0.310
100	13.929	34.993	26.197	0.329
110	13.588	34.972	26.252	0.347
120	13.439	34.962	26.275	0.365
130	13.343	34.958	26.291	0.382
140	13.129	34.950	26.329	0.400
150	12.923	34.940	26.362	0.417
160	12.742	34.926	26.387	0.434
170	12.531	34.910	26.417	0.450
180	12.401	34.902	26.436	0.467
190	12.329	34.910	26.456	0.483
200	12.234	34.901	26.468	0.498
250	11.712	34.858	26.534	0.578
300	11.215	34.826	26.601	0.654
350	10.503	34.780	26.693	0.727
400	9.600	34.724	26.804	0.796
450	8.890	34.683	26.888	0.860
500	8.133	34.641	26.972	0.920
550	7.314	34.604	27.063	0.977
600	6.736	34.580	27.124	1.029
650	6.384	34.566	27.160	1.080
700	6.010	34.559	27.203	1.128
750	5.760	34.559	27.234	1.176
800	5.517	34.552	27.259	1.222
900	4.986	34.551	27.321	1.310
1000	4.548	34.557	27.375	1.392
1003	4.528	34.556	27.377	1.395

CAST GP1-96-MB-0191 DATE 13 MAY 96 TIME 0532 GMT
 LAT 08 00.3S LONG 095 06.3W WEATHER SEA STATE
 BAROMETER 13 WIND DIR 120 T SPD 15 KT VISIBILITY
 CLOUD AMOUNT DRY 28.4 WET DEPTH 3987 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.675	35.003	23.138	0.000
10	25.681	35.002	23.136	0.047
20	25.679	35.003	23.137	0.095
30	25.674	35.004	23.140	0.142
40	22.933	35.542	24.368	0.187
50	20.211	35.368	24.988	0.219
60	18.646	35.305	25.346	0.247
70	17.392	35.265	25.625	0.272
80	15.803	35.119	25.885	0.294
90	14.847	35.036	26.034	0.315
100	14.087	34.993	26.162	0.334
110	13.533	34.964	26.257	0.352
120	13.245	34.945	26.301	0.370
130	13.027	34.943	26.344	0.387
140	12.919	34.934	26.359	0.404
150	12.792	34.925	26.377	0.421
160	12.645	34.916	26.399	0.438
170	12.507	34.908	26.420	0.454
180	12.347	34.900	26.445	0.471
190	12.241	34.893	26.460	0.487
200	12.081	34.882	26.483	0.503
250	11.595	34.849	26.549	0.581
300	11.045	34.812	26.622	0.657
350	10.373	34.769	26.708	0.729
400	9.730	34.729	26.786	0.798
450	9.206	34.695	26.846	0.864
500	8.288	34.643	26.953	0.926
550	7.623	34.608	27.023	0.983
600	6.940	34.578	27.095	1.038
650	6.450	34.564	27.150	1.089
700	6.115	34.555	27.186	1.139
750	5.734	34.548	27.229	1.187
800	5.486	34.546	27.258	1.233
900	4.933	34.543	27.321	1.321
1000	4.510	34.545	27.370	1.404
1001	4.509	34.545	27.370	1.404

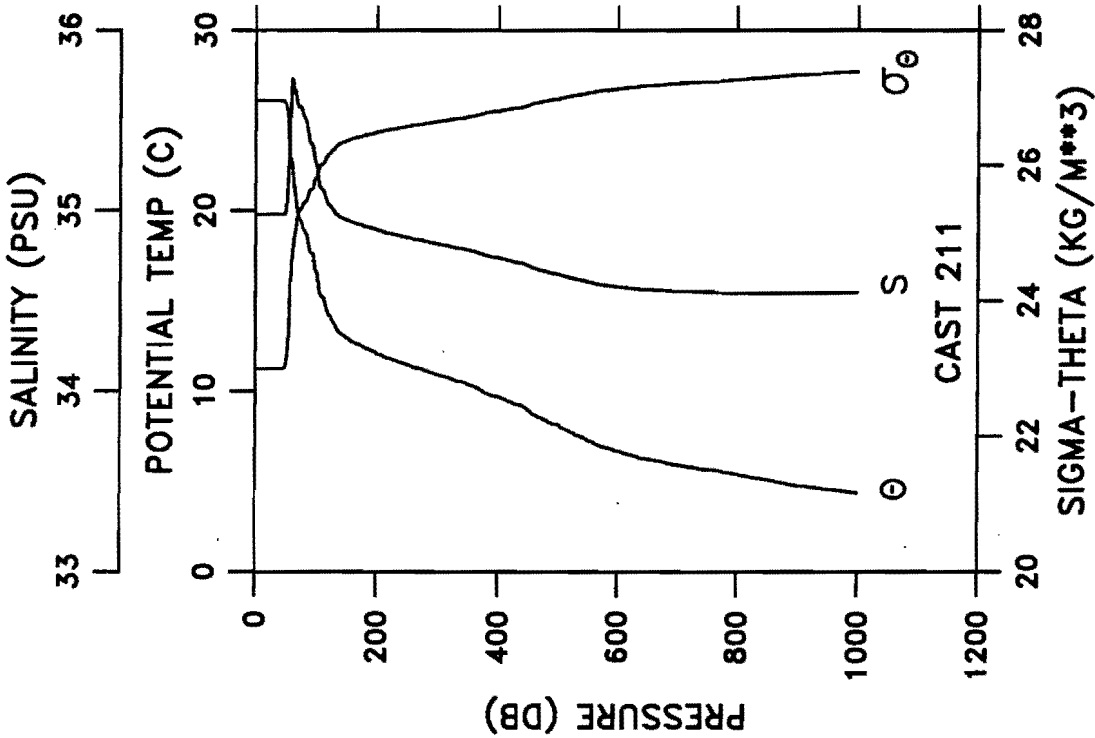


CAST GP1-96-MB-0201 DATE 16 MAY 96 TIME 0644 GMT
 LAT 08 03.55 LONG 109 56.2W WEATHER SEA STATE
 BAROMETER 13 WIND DIR 050 T SPD 08 KT VISIBILITY
 CLOUD AMOUNT DRY 28.0 WET DEPTH 3270 M



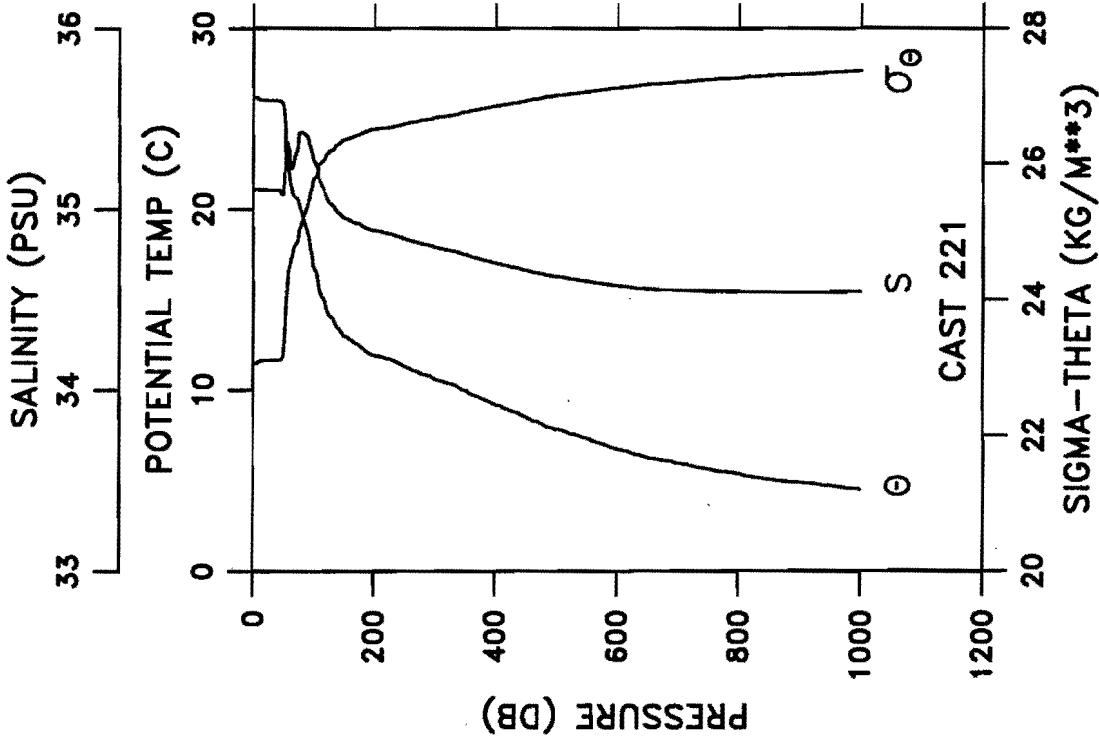
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.741	34.705	22.580	0.000
10	26.747	34.705	22.578	0.053
20	26.746	34.706	22.579	0.105
30	26.726	34.723	22.598	0.158
40	26.721	34.733	22.608	0.210
50	26.740	34.927	22.747	0.263
60	26.597	35.235	23.025	0.313
70	23.693	35.832	24.364	0.354
80	22.264	35.954	24.870	0.387
90	21.284	35.921	25.119	0.417
100	20.628	35.798	25.204	0.445
110	19.484	35.589	25.348	0.472
120	18.191	35.423	25.550	0.498
130	16.654	35.213	25.761	0.521
140	15.289	35.092	25.980	0.543
150	14.610	35.019	26.073	0.563
160	13.678	34.931	26.202	0.582
170	13.183	34.887	26.269	0.600
180	12.601	34.863	26.367	0.618
190	12.099	34.835	26.443	0.634
200	11.947	34.874	26.502	0.650
250	11.105	34.821	26.617	0.726
300	10.688	34.792	26.674	0.799
350	10.199	34.762	26.732	0.869
400	9.545	34.720	26.810	0.937
450	8.833	34.677	26.892	1.001
500	8.171	34.640	26.965	1.061
550	7.536	34.606	27.033	1.118
600	6.896	34.579	27.102	1.172
650	6.414	34.561	27.152	1.224
700	6.002	34.548	27.195	1.273
750	5.680	34.542	27.231	1.320
800	5.394	34.539	27.263	1.366
849	4.849	34.540	27.328	1.452
900	4.453	34.543	27.375	1.534
1000	4.453	34.543	27.375	1.535

CAST GP1-96-MB-0211 DATE 16 MAY 96 TIME 1402 GMT
 LAT 07 00.0S LONG 109 56.8W WEATHER SEA STATE
 BAROMETER 12 WIND DIR 024 T SPD 09 KT VISIBILITY
 CLOUD AMOUNT DRY 26.6 WET DEPTH 3488 M



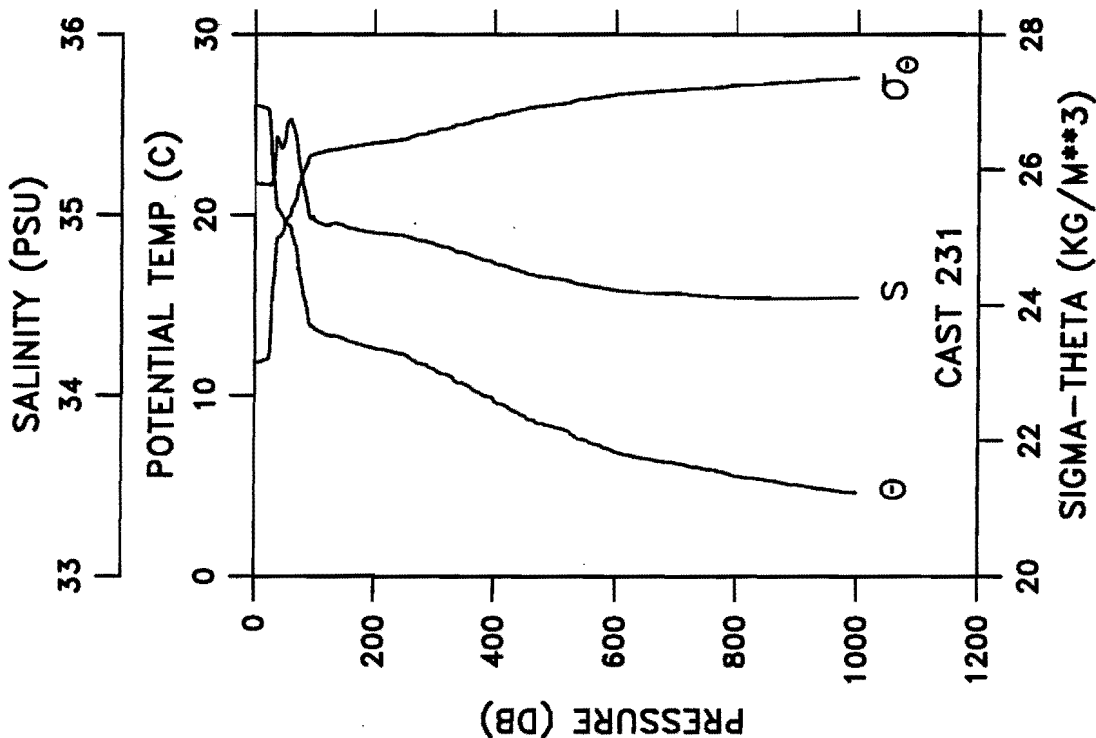
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.074	34.979	22.996	0.000
10	26.074	34.978	22.995	0.049
20	26.075	34.978	22.995	0.097
30	26.074	34.978	22.996	0.146
40	26.065	34.977	22.998	0.195
50	25.860	34.998	23.078	0.243
60	22.547	35.728	24.617	0.285
70	19.696	35.573	25.280	0.314
80	18.897	35.521	25.447	0.341
90	17.678	35.378	25.642	0.365
100	16.580	35.254	25.810	0.388
110	15.194	35.115	26.019	0.409
120	14.232	35.032	26.163	0.429
130	13.685	34.989	26.245	0.447
140	13.185	34.961	26.326	0.465
150	12.940	34.946	26.364	0.482
160	12.711	34.932	26.398	0.498
170	12.580	34.923	26.417	0.515
180	12.396	34.911	26.444	0.532
190	12.262	34.903	26.464	0.548
200	12.065	34.891	26.493	0.564
250	11.470	34.849	26.572	0.641
300	10.909	34.813	26.647	0.716
350	10.382	34.779	26.714	0.787
400	9.711	34.738	26.787	0.855
450	8.945	34.692	26.886	0.920
500	8.128	34.647	26.977	0.980
550	7.246	34.604	27.073	1.036
600	6.678	34.577	27.130	1.088
650	6.244	34.563	27.176	1.138
700	5.936	34.553	27.208	1.186
750	5.670	34.547	27.236	1.233
800	5.414	34.543	27.264	1.279
900	4.769	34.541	27.338	1.366
1000	4.382	34.547	27.385	1.447
1004	4.369	34.546	27.386	1.450

CAST GP1-96-MB-0221 DATE 16 MAY 96 TIME 1929 GMT
 LAT 05 59.7S LONG 109 57.0W WEATHER SEA STATE
 BAROMETER 13 WIND DIR 039 T SPD 08 KT VISIBILITY
 CLOUD AMOUNT DRY 27.5 WET DEPTH 3577 M



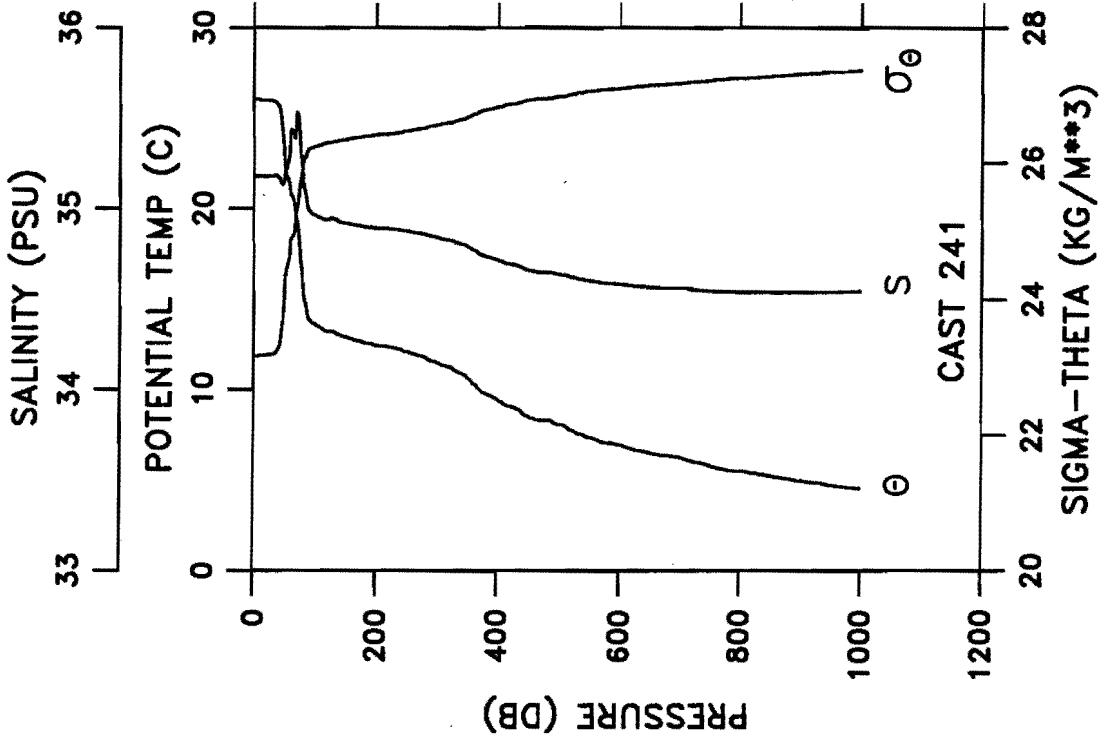
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.174	35.111	23.065	0.000
10	26.085	35.108	23.096	0.048
20	26.028	35.109	23.108	0.096
30	26.011	35.106	23.112	0.143
40	26.002	35.106	23.115	0.191
50	25.464	35.128	23.298	0.238
60	21.664	35.270	24.518	0.277
70	20.638	35.309	24.828	0.310
80	19.741	35.424	25.155	0.340
90	18.605	35.392	25.422	0.367
100	16.730	35.265	25.783	0.391
110	15.380	35.149	26.004	0.412
120	14.512	35.089	26.132	0.432
130	14.011	35.025	26.205	0.451
140	13.429	34.981	26.292	0.469
150	12.996	34.953	26.358	0.486
160	12.802	34.937	26.384	0.503
170	12.566	34.924	26.421	0.519
180	12.345	34.908	26.451	0.536
190	12.089	34.892	26.488	0.552
200	11.936	34.883	26.511	0.567
250	11.335	34.838	26.588	0.645
300	10.638	34.791	26.678	0.718
350	9.981	34.750	26.759	0.787
400	9.202	34.702	26.853	0.853
450	8.512	34.663	26.931	0.915
500	7.829	34.627	27.007	0.973
550	7.321	34.602	27.060	1.029
600	6.732	34.577	27.122	1.082
650	6.253	34.559	27.172	1.132
700	5.975	34.553	27.203	1.181
750	5.638	34.547	27.240	1.228
800	5.382	34.543	27.268	1.273
800	4.900	34.542	27.323	1.360
1000	4.498	34.546	27.372	1.443
1002	4.497	34.545	27.371	1.444

CAST GP1-96-MB-0231 DATE 17 MAY 96 TIME 0513 GMT
 LAT 04 58.95 LONG 109 58.5W WEATHER SEA STATE
 BAROMETER 13 WIND DIR 090 T SPD 06 KT VISIBILITY
 CLOUD AMOUNT DRY 26.3 WET DEPTH 3643 M



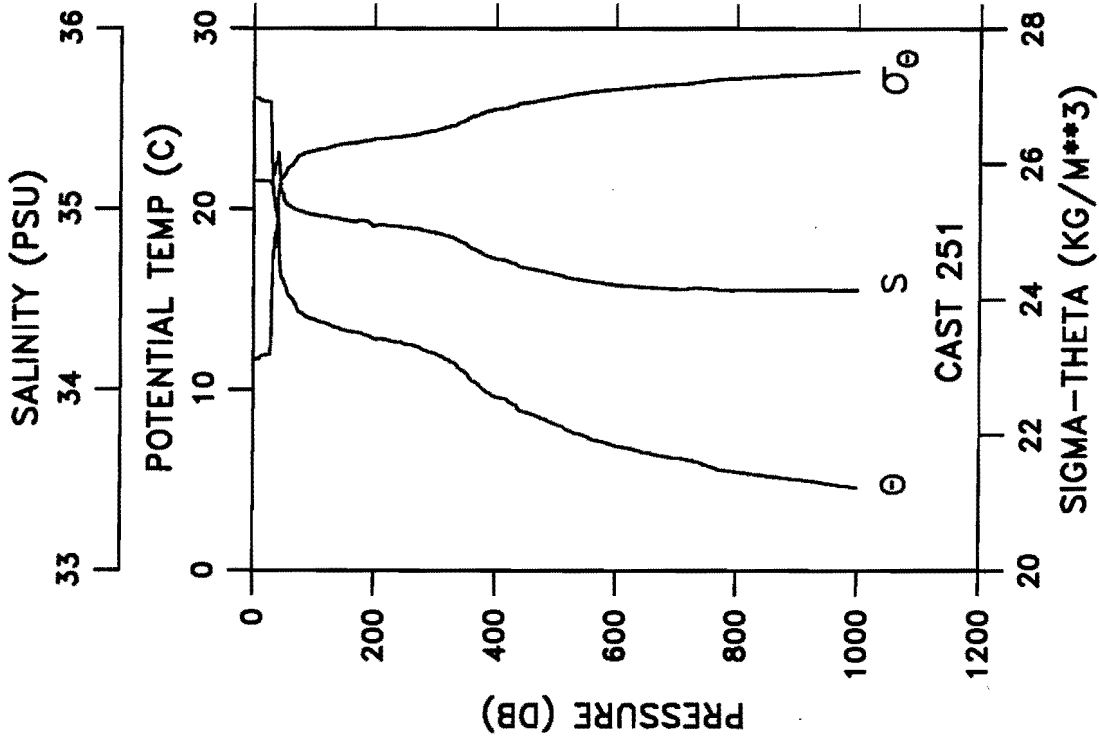
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.019	35.174	23.161	0.000
10	25.986	35.171	23.168	0.047
20	25.870	35.168	23.203	0.094
30	22.390	35.183	24.249	0.137
40	20.249	35.407	25.008	0.170
50	19.555	35.408	25.181	0.198
60	19.287	35.528	25.353	0.228
70	17.959	35.403	25.592	0.251
80	15.751	35.174	25.939	0.273
90	14.093	35.009	26.176	0.293
100	13.687	34.970	26.230	0.311
110	13.526	34.952	26.249	0.329
120	13.356	34.941	26.276	0.347
130	13.308	34.953	26.295	0.365
140	13.252	34.951	26.304	0.382
150	13.128	34.939	26.320	0.400
160	12.984	34.926	26.339	0.417
170	12.882	34.918	26.354	0.434
180	12.803	34.912	26.365	0.451
190	12.708	34.906	26.379	0.468
200	12.619	34.901	26.393	0.485
250	12.295	34.884	26.443	0.568
300	11.481	34.840	26.563	0.647
350	10.681	34.790	26.670	0.722
400	9.718	34.733	26.782	0.791
450	8.862	34.683	26.889	0.856
500	8.233	34.647	26.962	0.916
550	7.537	34.613	27.038	0.973
600	6.874	34.583	27.108	1.027
650	6.522	34.569	27.144	1.078
700	6.260	34.563	27.174	1.128
750	5.925	34.550	27.207	1.177
800	5.549	34.542	27.247	1.224
900	5.080	34.538	27.300	1.314
1000	4.618	34.543	27.356	1.399
1500	2.965	34.600	27.569	1.754
2000	2.105	34.641	27.676	2.034
2500	1.748	34.661	27.720	2.284
3000	1.482	34.677	27.752	2.519
3002	1.482	34.677	27.752	2.520

CAST GP1-96-MB-0241 DATE 17 MAY 96 TIME 1841 GMT
 LAT 04 57.8S LONG 109 57.9W WEATHER SEA STATE
 BAROMETER 13 WIND DIR 092.T SPD 10 KT VISIBILITY
 CLOUD AMOUNT DRY 28.0 WET DEPTH 3727 M



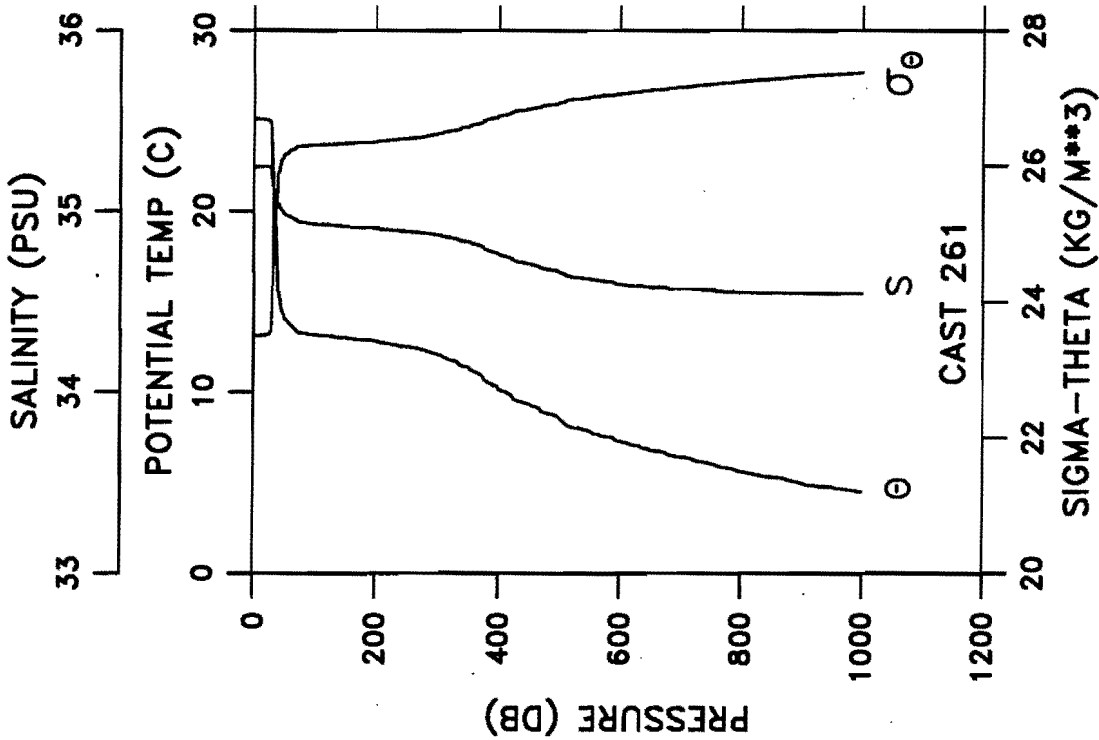
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.011	35.178	23.166	0.000
10	26.000	35.177	23.169	0.047
20	25.989	35.178	23.179	0.094
30	25.936	35.179	23.190	0.141
40	25.681	35.176	23.267	0.188
50	22.879	35.160	24.091	0.231
60	20.835	35.420	24.860	0.266
70	19.365	35.530	25.333	0.295
80	15.775	35.165	25.942	0.319
90	13.898	34.990	26.201	0.339
100	13.604	34.961	26.240	0.357
110	13.400	34.948	26.272	0.375
120	13.231	34.939	26.299	0.392
130	13.194	34.943	26.310	0.410
140	13.011	34.924	26.333	0.427
150	12.929	34.919	26.345	0.444
160	12.805	34.912	26.364	0.461
170	12.710	34.906	26.379	0.478
180	12.616	34.900	26.392	0.495
190	12.555	34.895	26.401	0.512
200	12.455	34.892	26.418	0.528
250	12.111	34.875	26.471	0.610
300	11.508	34.841	26.558	0.689
350	10.708	34.792	26.667	0.765
400	9.456	34.717	26.823	0.833
450	8.525	34.662	26.928	0.896
500	8.066	34.638	26.980	0.955
550	7.342	34.603	27.058	1.011
600	6.936	34.583	27.100	1.065
650	6.485	34.567	27.147	1.116
700	6.243	34.563	27.176	1.166
750	5.784	34.546	27.221	1.214
800	5.490	34.540	27.253	1.260
900	4.962	34.537	27.313	1.349
1000	4.521	34.543	27.367	1.433
1003	4.502	34.543	27.369	1.435

CAST GP1-96-MB-0251 DATE 18 MAY 96 TIME 0009 GMT
 LAT 03 59.9S LONG 109 58.3W WEATHER SEA STATE
 BAROMETER 09 WIND DIR 125 T SPD 14 KT VISIBILITY
 CLOUD AMOUNT DRY 26.9 WET DEPTH 3853 M



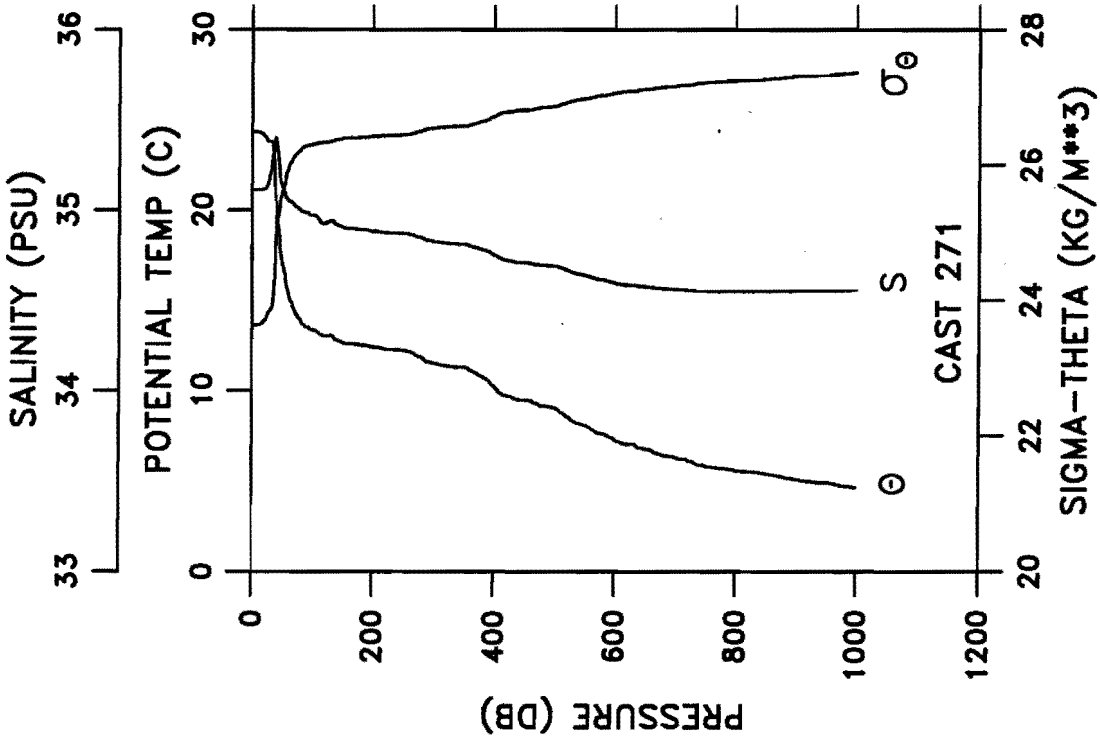
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.124	35.157	23.115	0.000
10	26.086	35.154	23.131	0.047
20	25.923	35.155	23.176	0.084
30	23.387	35.137	23.927	0.141
40	19.273	35.284	25.154	0.172
50	15.920	35.066	25.817	0.195
60	15.109	35.015	25.960	0.216
70	14.670	34.986	26.042	0.237
80	14.213	34.986	26.132	0.256
90	14.000	34.975	26.169	0.275
100	13.883	34.969	26.188	0.293
110	13.738	34.961	26.212	0.311
120	13.678	34.958	26.222	0.330
130	13.509	34.951	26.252	0.348
140	13.411	34.949	26.271	0.366
150	13.284	34.940	26.290	0.383
160	13.203	34.934	26.301	0.401
170	13.153	34.929	26.308	0.419
180	13.098	34.936	26.324	0.436
190	12.974	34.928	26.343	0.453
200	12.805	34.906	26.359	0.471
250	12.523	34.897	26.408	0.555
300	12.023	34.871	26.485	0.638
350	10.947	34.808	26.636	0.716
400	9.606	34.724	26.803	0.785
450	8.764	34.673	26.900	0.849
500	8.098	34.638	26.975	0.910
550	7.425	34.603	27.046	0.966
600	6.891	34.578	27.102	1.020
650	6.520	34.566	27.143	1.071
700	6.223	34.557	27.174	1.121
750	5.846	34.559	27.224	1.170
800	5.459	34.550	27.265	1.216
850	5.052	34.550	27.312	1.304
900	4.582	34.551	27.366	1.386
1000	4.572	34.550	27.367	1.393
1007				

CAST GP1-96-MB-0261 DATE 18 MAY 96 TIME 0548 GMT
 LAT 02 59.9S LONG 109 57.9W WEATHER SEA STATE
 BAROMETER 12 WIND DIR 135 T SPD 14 KT VISIBILITY
 CLOUD AMOUNT DRY 26.3 WET DEPTH 3810 M



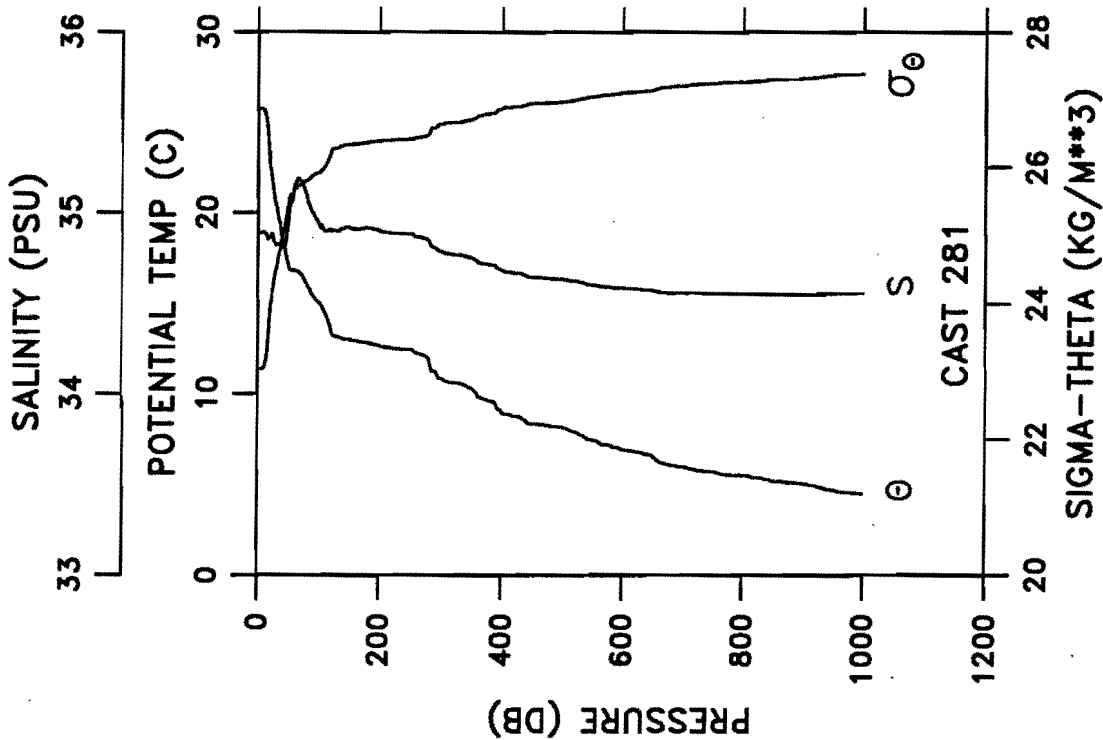
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.084	35.246	23.503	0.000
10	25.081	35.246	23.504	0.044
20	25.043	35.246	23.516	0.088
30	23.948	35.198	23.809	0.131
40	15.654	35.041	25.858	0.161
50	14.079	34.984	26.158	0.181
60	13.721	34.967	26.221	0.199
70	13.418	34.948	26.269	0.217
80	13.265	34.936	26.280	0.234
90	13.205	34.930	26.298	0.252
100	13.174	34.927	26.302	0.269
110	13.142	34.924	26.306	0.286
120	13.116	34.923	26.310	0.304
130	13.081	34.921	26.316	0.321
140	13.036	34.918	26.322	0.339
150	13.005	34.914	26.326	0.356
160	12.961	34.911	26.332	0.373
170	12.921	34.908	26.338	0.390
180	12.889	34.906	26.343	0.408
180	12.884	34.907	26.345	0.425
200	12.839	34.904	26.352	0.442
250	12.529	34.888	26.400	0.527
300	12.112	34.870	26.467	0.610
350	11.392	34.830	26.572	0.690
400	10.171	34.760	26.735	0.763
450	9.347	34.709	26.834	0.830
500	8.568	34.663	26.823	0.893
550	7.835	34.627	27.006	0.952
600	7.300	34.596	27.059	1.008
650	6.798	34.579	27.115	1.061
700	6.415	34.573	27.162	1.113
750	6.085	34.566	27.201	1.162
800	5.627	34.553	27.246	1.209
900	4.989	34.548	27.319	1.298
1000	4.510	34.547	27.372	1.381
1006	4.506	34.547	27.372	1.386

CAST GP1-96-MB-0271 DATE 18 MAY 96 TIME 1158 GMT
 LAT 02 00.8S LONG 109 56.8W WEATHER SEA STATE
 BAROMETER WIND DIR 140 T SPD 09 KT VISIBILITY
 CLOUD AMOUNT DRY 25.4 WET DEPTH 3943 M



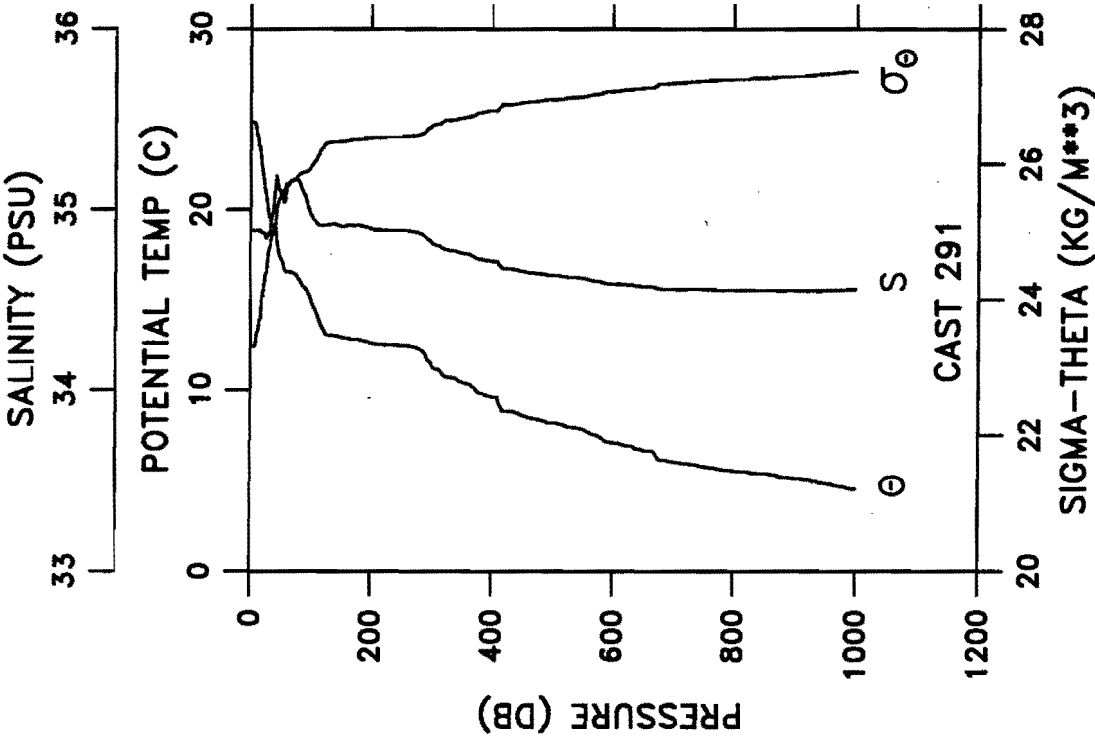
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.329	35.114	23.632	0.000
10	24.312	35.113	23.635	0.043
20	24.100	35.116	23.702	0.085
30	23.775	35.190	23.853	0.126
40	20.505	35.401	24.935	0.164
50	17.262	35.140	25.560	0.191
60	15.409	35.057	25.926	0.213
70	14.482	35.030	26.109	0.233
80	13.951	35.004	26.201	0.252
90	13.508	34.984	26.278	0.270
100	13.357	34.970	26.298	0.287
110	13.199	34.955	26.318	0.304
120	13.013	34.923	26.331	0.322
130	13.036	34.940	26.340	0.339
140	12.792	34.919	26.372	0.356
150	12.650	34.905	26.389	0.373
160	12.592	34.898	26.396	0.389
170	12.586	34.887	26.396	0.406
180	12.530	34.892	26.403	0.423
190	12.493	34.890	26.409	0.439
200	12.406	34.882	26.420	0.456
250	12.233	34.870	26.444	0.538
300	11.531	34.826	26.543	0.618
350	11.308	34.811	26.572	0.695
400	10.245	34.752	26.717	0.770
450	9.493	34.708	26.809	0.837
500	9.058	34.692	26.868	0.903
550	8.096	34.639	26.976	0.963
600	7.284	34.596	27.061	1.020
650	6.767	34.575	27.116	1.073
700	6.313	34.560	27.165	1.124
750	5.827	34.552	27.220	1.173
800	5.586	34.548	27.247	1.220
900	5.076	34.552	27.311	1.310
1000	4.655	34.556	27.363	1.394
1500	2.852	34.608	27.585	1.743
2000	2.149	34.646	27.677	2.020
2500	1.742	34.662	27.721	2.268
3000	1.453	34.676	27.753	2.503
3002	1.449	34.675	27.753	2.504

CAST GP1-96-MB-0281 DATE 19 MAY 96 TIME 0913 GMT
 LAT 00 01.0N LONG 109 55.4W WEATHER SEA STATE
 BAROMETER WIND DIR 060 T SPD 06 KT VISIBILITY
 CLOUD AMOUNT DRY 25.0 WET DEPTH 3817 M



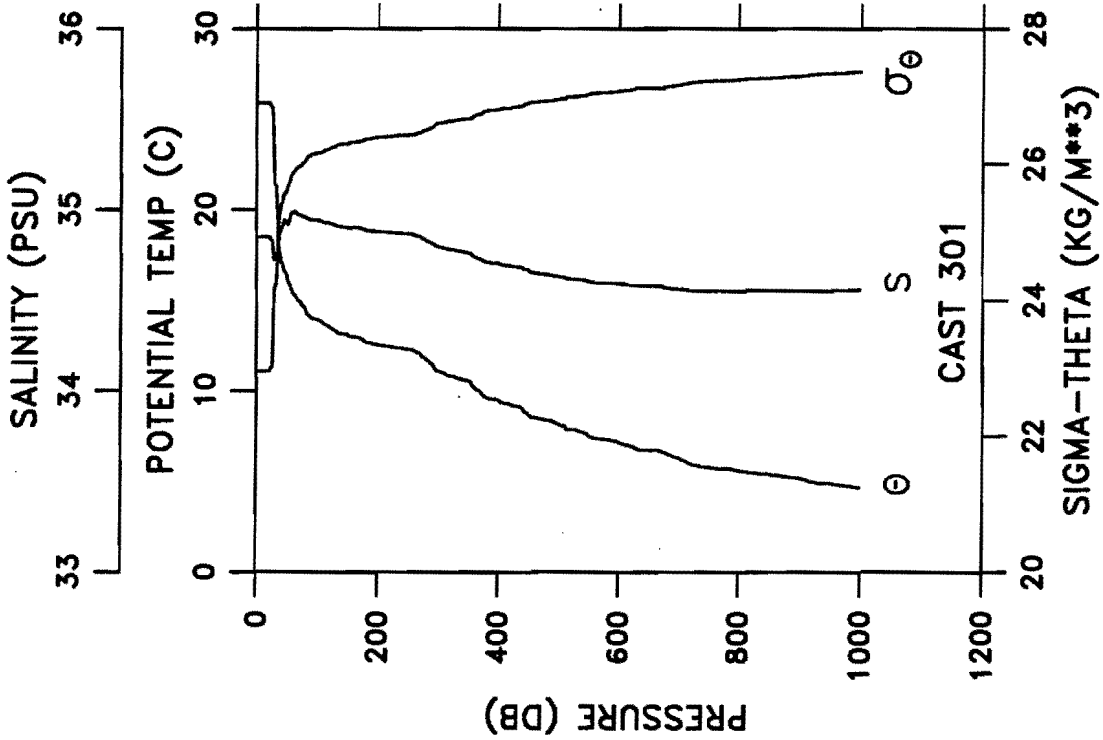
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.742	34.890	23.033	0.000
10	25.669	34.892	23.057	0.048
20	22.504	34.866	23.975	0.093
30	20.438	34.825	24.514	0.130
40	18.520	34.806	24.995	0.162
50	17.090	34.960	25.463	0.190
60	16.813	35.151	25.675	0.214
70	16.619	35.177	25.741	0.237
80	16.071	35.092	25.803	0.259
90	15.423	35.000	25.879	0.281
100	15.033	34.937	25.917	0.302
110	14.478	34.899	26.008	0.323
120	13.534	34.902	26.209	0.342
130	13.154	34.899	26.284	0.360
140	13.022	34.911	26.320	0.377
150	13.000	34.918	26.330	0.395
160	12.922	34.908	26.338	0.412
170	12.848	34.911	26.355	0.429
180	12.823	34.917	26.384	0.446
190	12.729	34.909	26.377	0.463
200	12.635	34.900	26.389	0.480
250	12.445	34.883	26.413	0.564
300	10.846	34.785	26.636	0.843
350	10.322	34.752	26.703	0.715
400	8.984	34.683	26.873	0.782
450	8.350	34.645	26.942	0.843
500	8.162	34.635	26.963	0.903
550	7.436	34.602	27.044	0.960
600	6.823	34.586	27.104	1.014
650	6.591	34.573	27.138	1.065
700	5.973	34.559	27.207	1.114
750	5.710	34.556	27.238	1.161
800	5.501	34.554	27.262	1.206
800	5.041	34.551	27.314	1.284
1000	4.494	34.559	27.383	1.377
1500	2.921	34.606	27.578	1.726
2000	2.171	34.642	27.671	2.007
2500	1.727	34.663	27.723	2.255
3000	1.462	34.676	27.753	2.487
3001	1.461	34.675	27.752	2.487

CAST GP1-98-MB-0291 DATE 20 MAY 96 TIME 0330 GMT
 LAT 00 01.7N LONG 109 54.9W WEATHER SEA STATE
 BAROMETER 12 WIND DIR 090 T SPD 12 KT VISIBILITY
 CLOUD AMOUNT DRY 25.1 WET DEPTH 3786 M



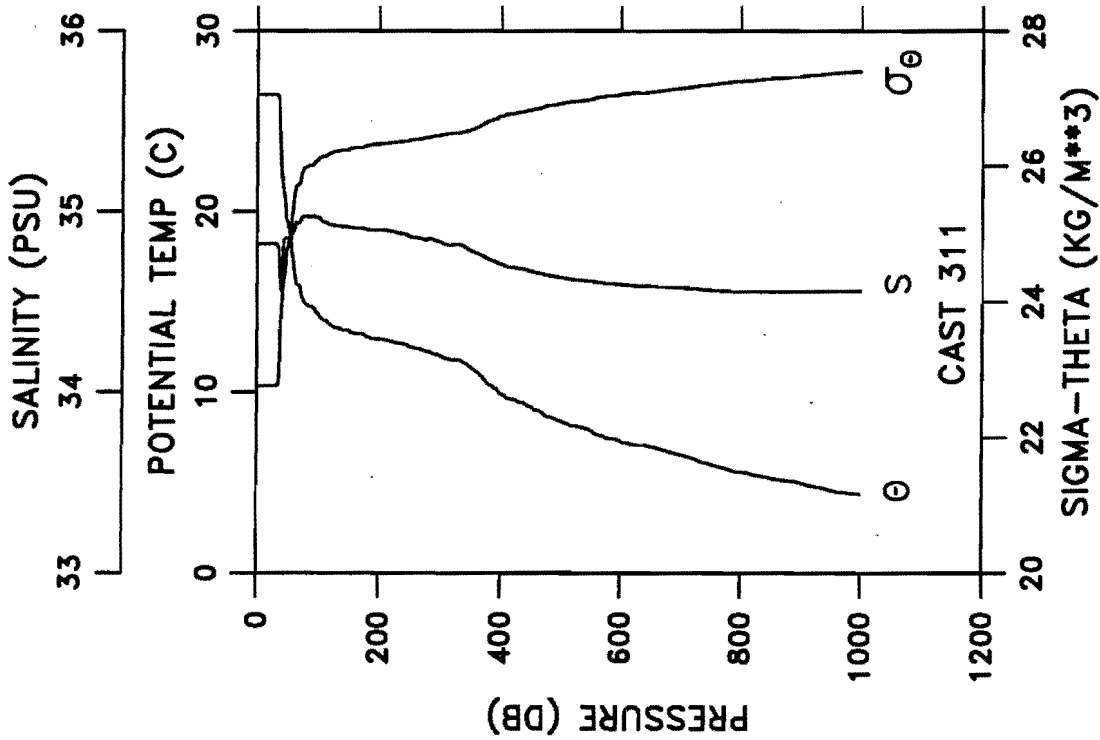
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.844	34.887	23.305	0.000
10	24.184	34.887	23.503	0.045
20	22.029	34.869	24.112	0.087
30	19.745	34.862	24.725	0.122
40	19.039	35.087	25.079	0.152
50	17.282	35.090	25.517	0.179
60	16.548	35.125	25.718	0.203
70	16.504	35.162	25.756	0.225
80	16.130	35.159	25.841	0.248
90	15.683	35.084	25.885	0.269
100	15.024	34.980	25.952	0.290
110	14.248	34.927	26.079	0.310
120	13.391	34.912	26.246	0.329
130	13.026	34.917	26.324	0.346
140	12.998	34.919	26.337	0.364
150	12.931	34.910	26.337	0.381
160	12.866	34.912	26.352	0.398
170	12.800	34.913	26.366	0.415
180	12.783	34.914	26.370	0.432
190	12.678	34.904	26.384	0.449
200	12.593	34.895	26.393	0.466
250	12.468	34.885	26.410	0.550
300	11.385	34.818	26.564	0.632
350	10.449	34.760	26.687	0.706
400	9.648	34.715	26.789	0.775
450	8.609	34.659	26.914	0.838
500	8.196	34.636	26.959	0.898
550	7.844	34.621	26.999	0.957
600	7.103	34.588	27.080	1.012
650	6.664	34.574	27.129	1.065
700	6.028	34.559	27.201	1.114
750	5.758	34.557	27.234	1.162
800	5.534	34.553	27.258	1.208
900	5.109	34.551	27.307	1.297
1000	4.532	34.557	27.377	1.381
1002	4.528	34.557	27.377	1.382

CAST GP1-96-MB-0301 DATE 21 MAY 96 TIME 1029 GMT
 LAT 01 00.3N LONG 110 02.7W WEATHER SEA STATE
 BAROMETER 8 WIND DIR 135 T SPD 14 KT VISIBILITY
 CLOUD AMOUNT DRY 224. WET 022. DEPTH 3815 M



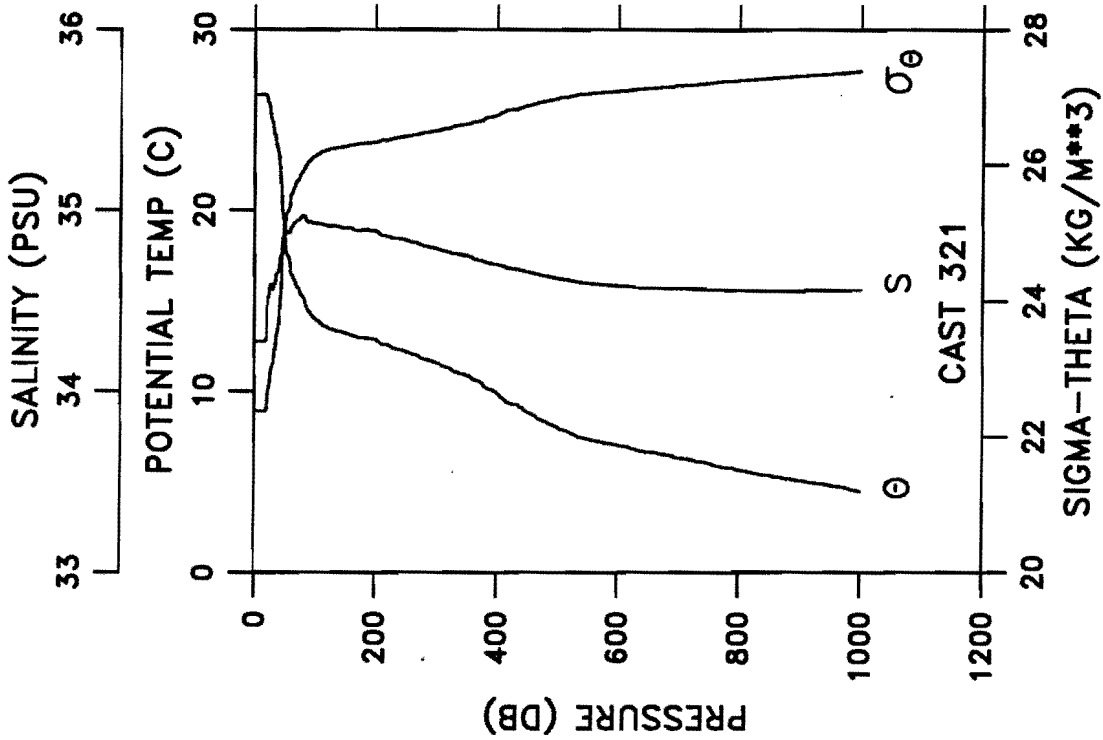
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.892	34.850	22.955	0.000
10	25.890	34.850	22.956	0.049
20	25.889	34.850	22.957	0.098
30	21.465	34.761	24.186	0.144
40	17.156	34.889	25.393	0.176
50	16.250	34.923	25.632	0.200
60	15.358	34.980	25.878	0.223
70	14.936	34.972	25.965	0.244
80	14.520	34.957	26.044	0.264
90	14.003	34.944	26.144	0.283
100	13.905	34.941	26.162	0.302
110	13.724	34.930	26.191	0.320
120	13.506	34.924	26.232	0.339
130	13.283	34.912	26.268	0.357
140	13.132	34.905	26.293	0.374
150	13.076	34.898	26.299	0.392
160	12.960	34.901	26.325	0.409
170	12.890	34.897	26.336	0.427
180	12.882	34.886	26.369	0.444
190	12.590	34.882	26.383	0.461
200	12.515	34.879	26.396	0.477
250	12.295	34.867	26.430	0.561
300	11.090	34.796	26.601	0.641
350	10.562	34.781	26.668	0.714
400	9.497	34.704	26.805	0.782
450	8.683	34.663	26.903	0.847
500	8.178	34.632	26.958	0.907
550	7.471	34.604	27.040	0.965
600	7.145	34.591	27.077	1.019
650	6.704	34.580	27.129	1.072
700	6.299	34.562	27.168	1.123
750	5.780	34.552	27.226	1.171
800	5.582	34.550	27.248	1.217
850	5.188	34.551	27.298	1.307
900	4.632	34.557	27.366	1.391
1000	4.627	34.557	27.366	1.392

CAST GP1-96-MB-0311 DATE 21 MAY 96 TIME 1638 GMT
 LAT 02 03.8N LONG 110 07.4W WEATHER SEA STATE 1
 BAROMETER 12 WIND DIR 148 T SPD 15 KT VISIBILITY
 CLOUD AMOUNT DRY 27.0 WET DEPTH 3780 M

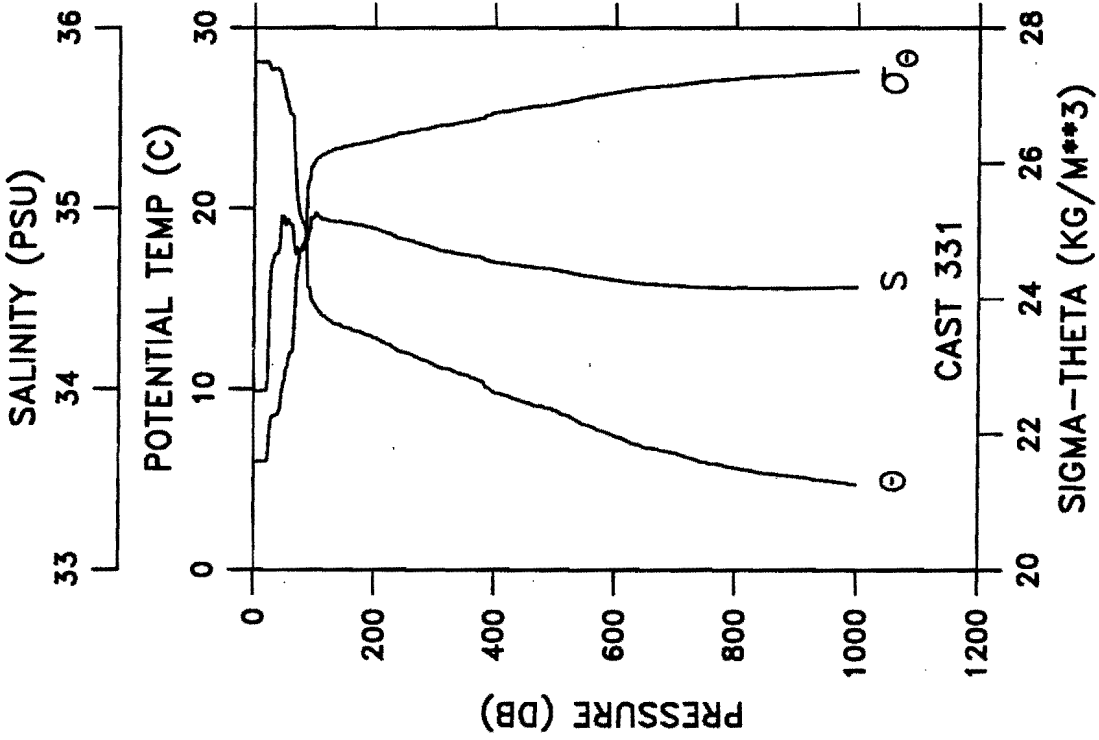


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.470	34.820	22.752	0.000
10	26.460	34.820	22.755	0.051
20	26.459	34.820	22.756	0.102
30	26.459	34.821	22.756	0.153
40	22.203	34.637	23.887	0.201
50	19.410	34.850	24.802	0.236
60	16.833	34.890	25.470	0.265
70	15.778	34.939	25.752	0.289
80	14.853	34.973	25.984	0.310
90	14.703	34.971	26.015	0.330
100	14.282	34.967	26.100	0.350
110	13.969	34.941	26.148	0.369
120	13.724	34.928	26.190	0.387
130	13.551	34.922	26.221	0.406
140	13.443	34.916	26.238	0.424
150	13.407	34.915	26.245	0.442
160	13.245	34.909	26.273	0.460
170	13.219	34.907	26.277	0.478
180	13.060	34.900	26.304	0.495
190	12.943	34.897	26.325	0.513
200	12.926	34.897	26.329	0.530
250	12.502	34.862	26.385	0.617
300	11.993	34.830	26.459	0.700
350	11.381	34.783	26.537	0.781
400	9.908	34.708	26.740	0.855
450	9.194	34.669	26.828	0.922
500	8.392	34.635	26.928	0.985
550	7.898	34.616	26.988	1.044
600	7.300	34.597	27.059	1.101
650	6.971	34.588	27.098	1.154
700	6.532	34.577	27.150	1.206
750	5.994	34.565	27.210	1.256
800	5.575	34.558	27.256	1.302
800	4.969	34.557	27.328	1.391
1000	4.349	34.580	27.399	1.471
1003	4.348	34.580	27.399	1.473

CAST GP1-96-MB-0321 DATE 21 MAY 96 TIME 2205 GMT
 LAT 03 00.1N LONG 110 05.6W WEATHER SEA STATE 1
 BAROMETER 10 WIND DIR 152 T SPD 20 KT VISIBILITY
 CLOUD AMOUNT DRY 26.9 WET DEPTH 3924 M

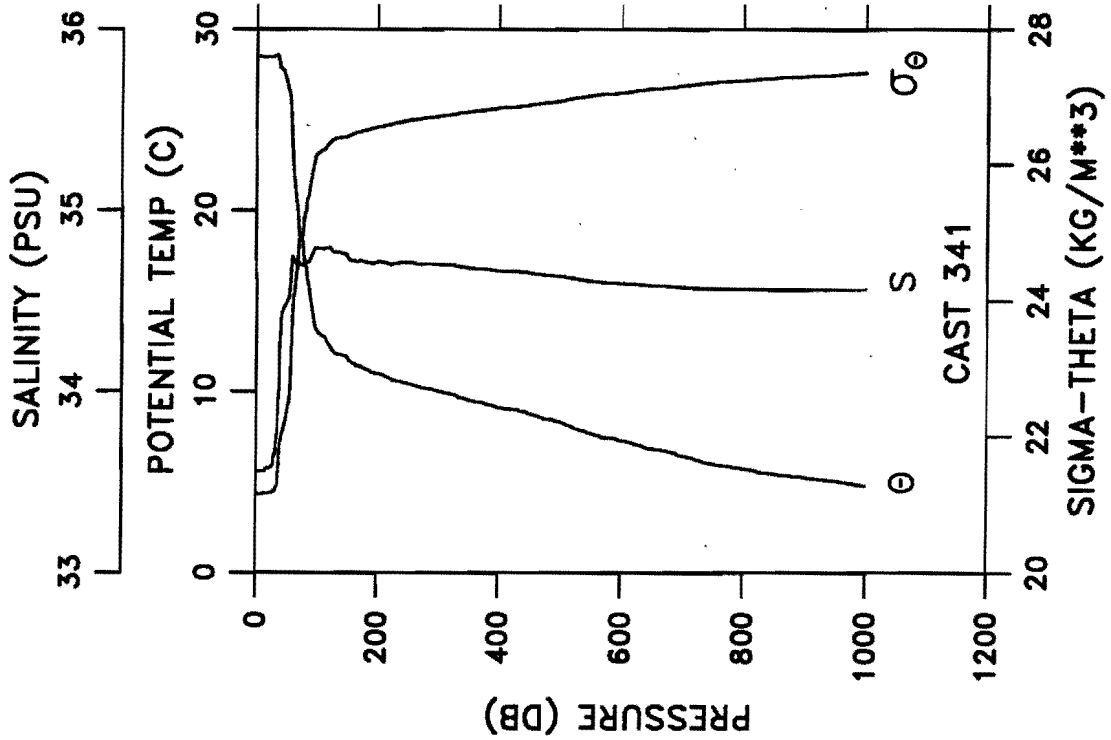


CAST GP1-96-MB-0331 DATE 22 MAY 96 TIME 0924 GMT
 LAT 05 01.9N LONG 109 56.9W WEATHER SEA STATE
 BAROMETER WIND DIR 170 T SPD 14 KT VISIBILITY
 CLOUD AMOUNT DRY 26.0 WET 22.4 DEPTH 3815 M



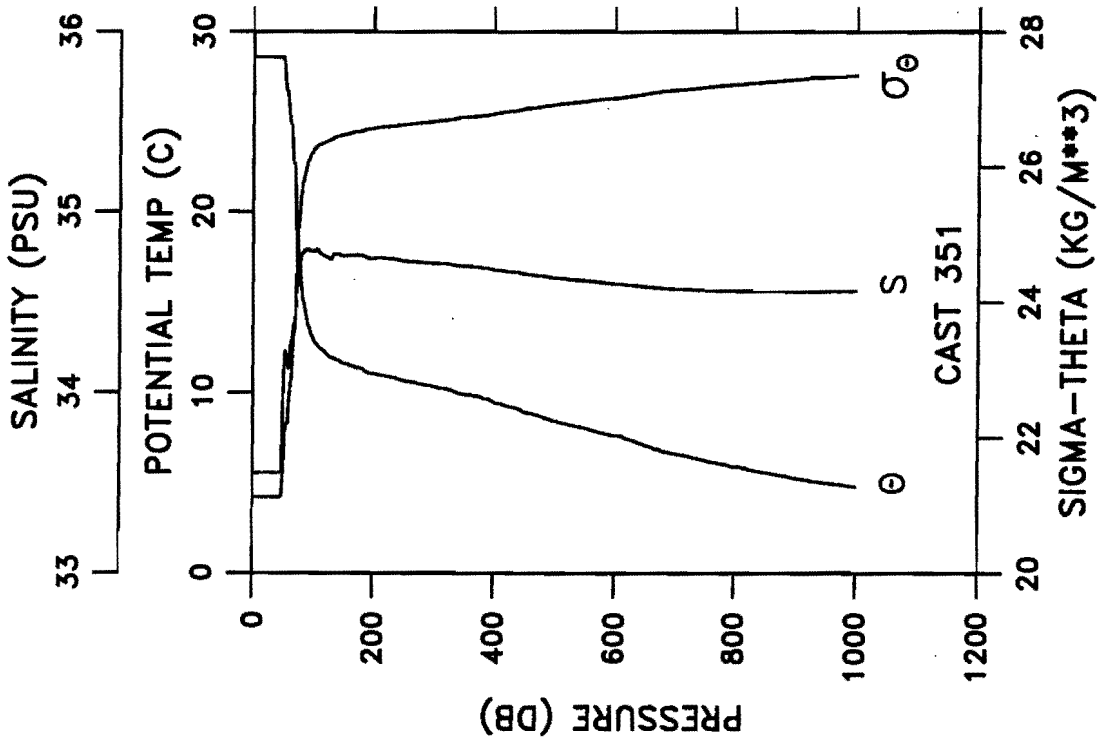
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.121	33.991	21.599	0.000
10	28.110	33.989	21.601	0.062
20	28.113	33.999	21.607	0.124
30	27.701	34.696	22.266	0.182
40	27.638	34.758	22.333	0.238
50	26.814	34.946	22.802	0.291
60	25.243	34.911	23.202	0.339
70	20.792	34.769	24.376	0.382
80	19.227	34.771	24.789	0.416
90	15.625	34.860	25.726	0.445
100	14.839	34.955	26.017	0.468
110	14.173	34.944	26.108	0.485
120	13.904	34.936	26.158	0.504
130	13.650	34.929	26.206	0.523
140	13.557	34.928	26.222	0.541
150	13.388	34.920	26.253	0.560
160	13.328	34.917	26.263	0.578
170	13.181	34.910	26.287	0.595
180	13.068	34.904	26.305	0.613
190	12.971	34.897	26.320	0.631
200	12.838	34.889	26.340	0.648
250	12.012	34.829	26.454	0.732
300	11.317	34.777	26.544	0.812
350	10.790	34.743	26.614	0.888
400	9.805	34.701	26.752	0.961
450	9.279	34.679	26.822	1.028
500	8.825	34.660	26.880	1.092
550	8.043	34.627	26.975	1.153
600	7.393	34.602	27.050	1.211
650	6.761	34.581	27.122	1.264
700	6.472	34.572	27.154	1.316
750	5.967	34.562	27.211	1.365
800	5.658	34.560	27.248	1.412
900	5.173	34.558	27.305	1.501
1000	4.730	34.563	27.359	1.586
1000	4.730	34.563	27.359	1.586

CAST GP1-96-MB-0341 DATE 22 MAY 96 TIME 1433 GMT
 LAT 06 00.3N LONG 109 59.9W WEATHER SEA STATE
 BAROMETER 11 WIND DIR 175 T SPD 20 KT VISIBILITY
 CLOUD AMOUNT DRY 27.0 WET DEPTH 3714 M



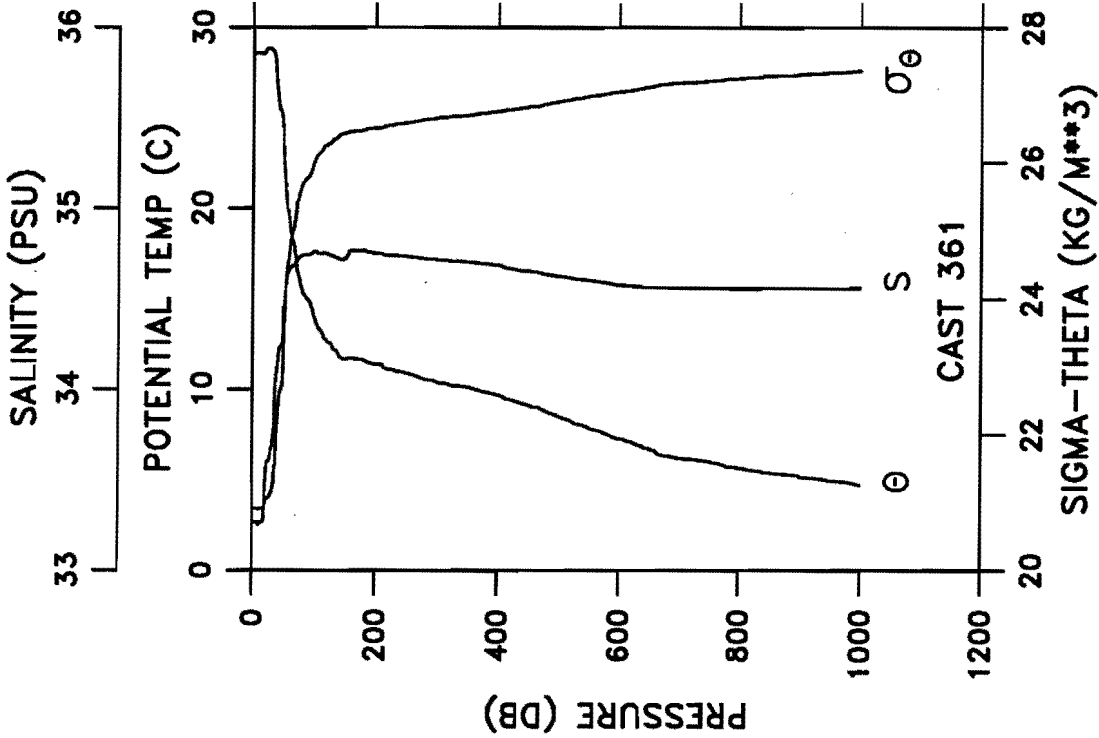
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.485	33.559	21.155	0.000
10	28.481	33.558	21.156	0.066
20	28.484	33.574	21.166	0.132
30	28.538	33.651	21.207	0.199
40	27.905	34.302	21.903	0.262
50	27.044	34.487	22.320	0.319
60	23.013	34.743	23.737	0.370
70	18.794	34.707	24.850	0.407
80	17.013	34.714	25.293	0.437
90	15.012	34.741	25.770	0.461
100	13.345	34.780	26.161	0.482
110	13.038	34.788	26.221	0.500
120	12.543	34.785	26.328	0.518
130	12.103	34.767	26.389	0.535
140	12.017	34.765	26.404	0.551
150	11.862	34.749	26.421	0.568
160	11.533	34.721	26.461	0.584
170	11.393	34.720	26.487	0.600
180	11.228	34.716	26.513	0.615
190	11.042	34.709	26.542	0.631
200	10.973	34.714	26.559	0.646
250	10.432	34.711	26.652	0.720
300	10.020	34.702	26.716	0.790
350	9.537	34.683	26.783	0.858
400	9.116	34.667	26.839	0.924
450	8.769	34.655	26.885	0.988
500	8.329	34.638	26.940	1.049
550	7.882	34.612	27.016	1.107
600	7.258	34.598	27.066	1.162
650	6.804	34.585	27.119	1.216
700	6.407	34.576	27.165	1.267
750	5.969	34.568	27.215	1.316
800	5.707	34.563	27.244	1.363
800	5.225	34.561	27.301	1.453
1000	4.742	34.566	27.361	1.538
1007	4.733	34.565	27.361	1.544

CAST GP1-96-MB-0351 DATE 22 MAY 96 TIME 1954 GMT
 LAT 06 59.9N LONG 110 04.9W WEATHER SEA STATE 1
 BAROMETER 10 WIND DIR 188 T SPD 19 KT VISIBILITY
 CLOUD AMOUNT DRY 29.8 WET DEPTH 3451 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.584	33.555	21.120	0.000
10	28.582	33.555	21.120	0.067
20	28.584	33.556	21.120	0.133
30	28.577	33.556	21.122	0.200
40	28.571	33.555	21.124	0.267
50	28.572	34.036	21.551	0.333
60	25.353	34.185	22.627	0.389
70	21.685	34.425	23.870	0.436
80	15.748	34.763	25.824	0.466
90	13.706	34.793	26.089	0.487
100	12.833	34.782	26.258	0.506
110	12.426	34.772	26.330	0.523
120	12.123	34.749	26.371	0.540
130	11.903	34.742	26.408	0.557
140	11.755	34.784	26.453	0.573
150	11.596	34.755	26.476	0.589
160	11.510	34.757	26.494	0.605
170	11.365	34.759	26.522	0.620
180	11.313	34.757	26.530	0.636
190	11.129	34.745	26.554	0.651
200	11.037	34.742	26.568	0.666
250	10.660	34.727	26.624	0.740
300	10.331	34.715	26.673	0.813
350	9.904	34.699	26.734	0.883
400	9.471	34.679	26.790	0.951
450	8.939	34.656	26.859	1.017
500	8.455	34.635	26.918	1.079
550	8.045	34.619	26.969	1.139
600	7.623	34.601	27.017	1.197
650	7.106	34.586	27.078	1.253
700	6.631	34.574	27.134	1.306
750	6.267	34.567	27.176	1.357
800	5.914	34.563	27.218	1.405
900	5.260	34.558	27.295	1.497
1000	4.797	34.561	27.351	1.583
1002	4.791	34.561	27.351	1.585

CAST GP1-96-MB-0361 DATE 23 MAY 86 TIME 0213 GMT
 LAT 08 04.7N LONG 110 09.3W WEATHER SEA STATE
 BAROMETER 09 WIND DIR 195 T SPD 19 KT VISIBILITY
 CLOUD AMOUNT DRY 28.0 WET DEPTH 4232 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.567	33.266	20.908	0.000
10	28.565	33.251	20.897	0.069
20	28.727	33.433	20.980	0.137
30	28.798	33.671	21.136	0.204
40	26.501	34.132	22.224	0.267
50	22.921	34.448	23.539	0.319
60	19.220	34.663	24.708	0.356
70	17.294	34.701	25.216	0.386
80	15.416	34.738	25.679	0.411
90	14.934	34.744	25.789	0.433
100	13.957	34.760	26.011	0.455
110	13.217	34.749	26.155	0.474
120	12.695	34.749	26.260	0.492
130	12.232	34.737	26.341	0.510
140	11.863	34.721	26.399	0.527
150	11.647	34.721	26.440	0.543
160	11.721	34.767	26.462	0.559
170	11.672	34.765	26.489	0.575
180	11.605	34.786	26.483	0.591
190	11.462	34.758	26.503	0.607
200	11.379	34.752	26.514	0.622
250	10.891	34.735	26.589	0.699
300	10.380	34.717	26.666	0.772
350	10.126	34.705	26.701	0.843
400	9.691	34.686	26.760	0.913
450	9.140	34.655	26.825	0.980
500	8.508	34.626	26.903	1.044
550	7.862	34.602	26.982	1.104
600	7.245	34.577	27.052	1.161
650	6.690	34.564	27.118	1.214
700	6.191	34.561	27.182	1.264
750	6.003	34.560	27.205	1.313
800	5.650	34.555	27.245	1.360
800	5.139	34.558	27.309	1.450
1000	4.706	34.562	27.362	1.535
1003	4.702	34.561	27.361	1.537

CAST GP1-96-MB-0021 LAT 07 00.2N LONG 094 53.5W
 CAST GP1-96-MB-0041 LAT 05 05.6N LONG 094 56.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	29.142	33.449	29.142	20.855	0.	27.581	31.954	27.581	20.242
1.	29.140	33.449	29.140	20.854	0.	27.580	31.953	27.580	20.242
49.	18.367	34.680	18.359	24.929	50.	24.237	34.045	24.227	22.802
100.	13.326	34.870	13.312	26.227	100.	14.031	34.923	14.017	26.123
250.	11.608	34.766	11.576	26.484	244.	12.351	34.846	12.319	26.405
499.	8.102	34.616	8.050	26.959	500.	8.779	34.652	8.725	26.883
650.	6.528	34.577	6.468	27.150	650.	6.560	34.578	6.499	27.147
850.	5.200	34.565	5.129	27.307	851.	5.328	34.564	5.256	27.292
1001.	4.558	34.571	4.478	27.385	1002.	4.696	34.570	4.615	27.369
1001.	4.558	34.571	4.478	27.385	1002.	4.698	34.570	4.616	27.369

CAST GP1-96-MB-0031 LAT 06 00.4N LONG 094 51.4W
 CAST GP1-96-MB-0051 LAT 04 00.8N LONG 095 03.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	27.308	32.190	27.307	20.506	1.	27.101	32.149	27.101	20.541
2.	27.317	32.196	27.317	20.507	1.	27.097	32.148	27.097	20.543
49.	26.806	33.764	26.795	21.350	49.	22.478	34.817	22.468	23.957
99.	14.646	34.741	14.632	25.852	100.	14.382	34.953	14.367	26.074
247.	11.297	34.764	11.266	26.539	249.	12.673	34.870	12.639	26.359
500.	8.086	34.625	8.034	26.969	500.	8.901	34.655	8.846	26.865
650.	6.483	34.577	6.423	27.156	650.	6.970	34.591	6.907	27.102
851.	5.264	34.564	5.192	27.299	850.	5.364	34.573	5.291	27.286
1000.	4.616	34.571	4.535	27.377	1000.	4.561	34.564	4.481	27.380
1000.	4.613	34.570	4.532	27.377	1000.	4.561	34.565	4.481	27.379

CAST GP1-96-MB-0061 LAT 03 00.3N LONG 095 11.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	24.823	34.183	24.823	22.773
0.	24.824	34.175	24.823	22.783
50.	21.524	34.848	21.514	24.238
100.	13.647	34.952	13.633	26.227
251.	12.865	34.904	12.831	26.348
501.	8.382	34.643	8.329	26.939
650.	7.244	34.602	7.180	27.076
852.	5.317	34.557	5.244	27.290
1001.	4.696	34.568	4.615	27.369
1001.	4.696	34.568	4.615	27.368

CAST GP1-96-MB-0081 LAT 01 00.2N LONG 095 07.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
0.	24.000	34.735	24.000	23.441
1.	24.010	34.734	24.010	23.438
51.	17.015	34.878	17.007	25.417
100.	13.727	34.904	13.712	26.171
251.	13.169	34.925	13.134	26.301
500.	8.518	34.659	8.464	26.926
651.	6.708	34.589	6.647	27.134
849.	5.333	34.562	5.261	27.288
1000.	4.751	34.566	4.669	27.357
1001.	4.735	34.564	4.654	27.360

CAST GP1-96-MB-0071 LAT 02 02.5N LONG 095 21.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
0.	24.498	34.660	24.498	23.239
0.	24.523	34.661	24.523	23.231
50.	19.840	34.825	19.830	24.662
102.	13.643	34.922	13.629	26.204
248.	13.005	34.912	12.971	26.326
500.	8.073	34.626	8.022	26.967
651.	6.466	34.585	6.406	27.162
848.	5.325	34.567	5.253	27.291
1002.	4.814	34.571	4.732	27.353
1002.	4.818	34.570	4.736	27.352

CAST GP1-96-MB-0091 LAT 00 08.3N LONG 094 49.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	22.693	34.844	22.693	23.906
100.	14.217	34.998	14.202	26.141
200.	13.456	34.953	13.428	26.265
400.	9.817	34.721	9.771	26.767
600.	7.505	34.606	7.445	27.037
805.	5.660	34.567	5.590	27.252
994.	4.733	34.557	4.652	27.354
1500.	3.090	34.608	2.981	27.563
2001.	2.262	34.646	2.122	27.666
3001.	1.743	34.678	1.520	27.732

CAST GP1-96-MB-0101 LAT 00 01.6S LONG 094 57.3W

CAST GP1-96-MB-0121 LAT 01 58.7S LONG 095 06.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	23.253	34.916	23.253	23.799	1.	24.322	35.249	24.322	23.735
1.	23.416	34.915	23.415	23.749	2.	24.312	35.244	24.312	23.738
2.	23.482	34.914	23.481	23.730	51.	15.818	35.145	15.810	25.896
101.	14.531	34.951	14.516	26.036	101.	13.834	35.002	13.819	26.223
254.	13.182	34.931	13.147	26.305	251.	12.824	34.908	12.790	26.358
501.	8.030	34.634	7.978	26.981	502.	7.981	34.633	7.929	26.991
654.	6.657	34.583	6.595	27.137	651.	6.442	34.566	6.382	27.154
849.	5.129	34.556	5.058	27.308	849.	5.299	34.551	5.227	27.284
996.	4.671	34.558	4.591	27.361	1003.	4.691	34.568	4.610	27.367
997.	4.671	34.558	4.590	27.361	1004.	4.689	34.567	4.608	27.368

CAST GP1-96-MB-0111 LAT 00 59.6S LONG 095 30.6W

CAST GP1-96-MB-0131 LAT 02 59.7S LONG 095 08.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	23.577	35.110	23.577	23.851	0.	24.847	35.151	24.847	23.504
1.	23.584	35.110	23.584	23.849	1.	24.764	35.153	24.764	23.529
50.	20.961	35.389	20.952	24.797	51.	15.277	35.116	15.269	25.995
100.	14.929	35.131	14.913	26.093	100.	14.078	35.009	14.064	26.179
250.	12.674	34.894	12.640	26.377	251.	12.902	34.920	12.867	26.353
496.	8.096	34.634	8.045	26.972	499.	8.369	34.654	8.317	26.946
650.	6.432	34.569	6.373	27.155	651.	6.655	34.586	6.594	27.140
850.	5.391	34.551	5.319	27.271	850.	5.371	34.566	5.298	27.288
999.	4.673	34.561	4.592	27.362	1000.	4.566	34.564	4.486	27.378
999.	4.673	34.559	4.593	27.362	1000.	4.565	34.563	4.484	27.378

CAST GP1-96-MB-0141 LAT 04 00.1S LONG 095 10.3W
 CAST GP1-96-MB-0161 LAT 05 01.1S LONG 095 05.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	25.255	35.055	25.255	23.306	2.	26.331	34.862	26.331	22.826
1.	25.254	35.054	25.254	23.306	1.	26.334	34.865	26.334	22.827
46.	16.218	35.128	16.211	25.798	50.	17.763	35.159	17.754	25.462
101.	14.559	35.055	14.545	26.112	100.	13.509	34.954	13.495	26.257
251.	12.760	34.911	12.726	26.374	249.	12.251	34.881	12.218	26.451
500.	8.140	34.641	8.088	26.972	500.	8.260	34.646	8.207	26.957
649.	6.731	34.583	6.670	27.127	650.	6.760	34.577	6.698	27.118
850.	5.456	34.556	5.383	27.269	849.	5.385	34.548	5.313	27.272
1001.	4.559	34.557	4.479	27.373	1001.	4.607	34.556	4.527	27.368
1000.	4.567	34.556	4.487	27.372	1001.	4.607	34.557	4.526	27.368

CAST GP1-96-MB-0151 LAT 04 58.3S LONG 095 13.4W
 CAST GP1-96-MB-0171 LAT 06 00.1S LONG 095 08.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	26.007	34.883	26.006	22.946	1.	25.860	34.920	25.860	23.017
100.	13.620	34.969	13.606	26.243	1.	25.875	34.920	25.875	23.005
199.	12.756	34.908	12.729	26.372	50.	21.207	35.427	21.197	24.744
400.	10.101	34.748	10.054	26.739	100.	13.529	35.011	13.515	26.280
600.	7.207	34.596	7.148	27.073	251.	12.011	34.874	11.978	26.490
800.	5.738	34.559	5.668	27.236	500.	8.303	34.650	8.251	26.953
1001.	4.680	34.559	4.599	27.362	651.	6.742	34.578	6.680	27.121
1500.	3.082	34.605	2.973	27.561	851.	5.286	34.547	5.214	27.281
2000.	2.228	34.648	2.088	27.671	1000.	4.463	34.552	4.384	27.379
2999.	1.753	34.677	1.530	27.732	1000.	4.463	34.552	4.384	27.379

CAST GP1-96-MB-0181 LAT 06 59.9S LONG 095 06.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
0.	25.777	34.987	25.777	23.097
1.	25.774	34.987	25.774	23.098
50.	20.906	35.515	20.896	24.911
100.	13.954	34.986	13.940	26.190
249.	11.653	34.848	11.621	26.541
500.	7.965	34.628	7.914	26.988
650.	6.414	34.565	6.354	27.156
850.	5.289	34.551	5.218	27.285
1001.	4.617	34.556	4.537	27.367
1001.	4.619	34.557	4.538	27.367

CAST GP1-96-MB-0201 LAT 08 03.5S LONG 109 56.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	26.743	34.706	26.743	22.581
1.	26.745	34.707	26.745	22.580
50.	26.778	35.032	26.767	22.808
100.	20.910	35.796	20.891	25.164
250.	11.100	34.817	11.069	26.616
500.	8.251	34.639	8.198	26.954
650.	6.563	34.565	6.503	27.135
850.	5.122	34.539	5.051	27.293
1000.	4.533	34.547	4.453	27.366
1000.	4.534	34.548	4.454	27.365

CAST GP1-96-MB-0191 LAT 08 00.3S LONG 095 06.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	25.652	35.008	25.651	23.149
1.	25.677	35.007	25.677	23.139
50.	19.713	35.336	19.704	25.086
100.	13.635	34.974	13.621	26.238
250.	11.564	34.841	11.533	26.550
500.	8.285	34.640	8.232	26.948
650.	6.498	34.564	6.438	27.143
850.	5.214	34.543	5.143	27.287
999.	4.592	34.546	4.512	27.361
1000.	4.590	34.546	4.509	27.361

CAST GP1-96-MB-0211 LAT 07 00.0S LONG 109 56.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
0.	26.066	34.968	26.066	22.997
1.	26.085	34.968	26.084	22.991
49.	25.829	35.049	25.818	23.086
100.	16.459	35.234	16.443	25.822
250.	11.485	34.840	11.453	26.568
651.	6.302	34.559	6.243	27.169
850.	5.168	34.537	5.097	27.291
1003.	4.451	34.543	4.372	27.377
1001.	4.459	34.543	4.380	27.376

CAST GP1-96-MB-0221 LAT 05 59.7S LONG 109 57.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	26.153	35.111	26.152	23.073	1.	26.217	35.183	26.216	23.105
1.	26.191	35.111	26.191	23.062	1.	26.249	35.183	26.248	23.094
49.	23.369	35.330	23.358	24.094	48.	21.121	35.315	21.111	24.707
100.	15.493	35.150	15.477	25.981	100.	13.408	34.945	13.394	26.267
251.	11.488	34.843	11.456	26.566	500.	8.204	34.642	8.152	26.962
500.	7.903	34.627	7.852	26.997	652.	6.558	34.569	6.498	27.139
650.	6.303	34.559	6.244	27.165	852.	5.323	34.540	5.251	27.271
852.	5.146	34.542	5.075	27.295	1002.	4.585	34.544	4.505	27.360
1001.	4.577	34.546	4.497	27.363	1003.	4.583	34.548	4.503	27.360
1001.	4.578	34.546	4.498	27.363					

CAST GP1-96-MB-0221 LAT 05 59.7S LONG 109 57.0W

CAST GP1-96-MB-0251 LAT 03 59.9S LONG 109 58.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	26.049	35.177	26.049	23.153	1.	26.105	35.157	26.105	23.121
93.	13.816	34.968	13.802	26.203	1.	26.114	35.158	26.113	23.118
201.	12.600	34.897	12.573	26.395	48.	15.817	35.032	15.810	25.816
400.	9.568	34.720	9.522	26.807	101.	13.747	34.959	13.733	26.210
698.	6.325	34.565	6.261	27.167	250.	12.524	34.894	12.490	26.407
1001.	4.682	34.546	4.601	27.351	500.	8.089	34.633	8.037	26.973
1500.	3.104	34.599	2.995	27.555	650.	6.560	34.565	6.499	27.137
2000.	2.260	34.642	2.120	27.663	852.	5.277	34.550	5.205	27.286
3001.	1.703	34.678	1.482	27.736	1006.	4.654	34.551	4.572	27.358
3002.	1.702	34.678	1.481	27.736	1005.	4.654	34.552	4.573	27.358

CAST GP1-96-MB-0231 LAT 04 58.9S LONG 109 58.5W

CAST GPI-96-MB-0261 LAT 02 59.9S LONG 109 57.9W
 CAST GPI-96-MB-0281 LAT 00 01.0N LONG 109 55.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	25.022	35.245	25.022	23.522	1.	25.740	34.886	25.740	23.031
1.	25.029	35.245	25.029	23.518	100.	14.992	34.922	14.977	25.919
51.	14.002	34.966	13.994	26.162	200.	12.712	34.902	12.684	26.377
100.	13.180	34.924	13.166	26.300	400.	9.253	34.689	9.208	26.836
250.	12.563	34.887	12.530	26.394	601.	6.971	34.583	6.914	27.097
497.	8.587	34.657	8.534	26.918	800.	5.565	34.554	5.496	27.255
651.	6.832	34.577	6.771	27.110	1000.	4.601	34.557	4.520	27.371
774.	5.902	34.556	5.833	27.215	1500.	3.033	34.605	2.925	27.568
1006.	4.587	34.548	4.506	27.363	2000.	2.311	34.640	2.170	27.660
1006.	4.586	34.548	4.505	27.364	3001.	1.682	34.675	1.461	27.736

CAST GPI-96-MB-0271 LAT 02 00.8S LONG 109 56.8W
 CAST GPI-96-MB-0291 LAT 00 01.7N LONG 109 54.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	24.294	35.107	24.294	23.640	2.	24.815	34.888	24.814	23.313
100.	13.497	34.977	13.483	26.277	2.	24.818	34.887	24.818	23.311
198.	12.422	34.878	12.396	26.416	45.	18.219	35.200	18.212	25.356
400.	9.889	34.724	9.842	26.758	99.	15.332	35.016	15.317	25.909
601.	7.107	34.583	7.049	27.077	250.	12.502	34.884	12.468	26.404
800.	5.632	34.548	5.563	27.243	501.	8.245	34.636	8.193	26.951
1001.	4.725	34.555	4.643	27.355	650.	6.715	34.575	6.655	27.122
1500.	2.906	34.609	2.799	27.583	850.	5.445	34.552	5.372	27.267
1999.	2.284	34.645	2.143	27.665	1000.	4.612	34.558	4.531	27.368
3000.	1.674	34.674	1.454	27.736	1001.	4.612	34.558	4.531	27.368

CAST GP1-96-MB-0301 LAT 01 00.3N LONG 110 02.7W CAST GP1-96-MB-0321 LAT 03 00.1N LONG 110 05.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
0.	25.879	34.853	25.879	22.959	1.	26.376	34.285	26.376	22.378
1.	25.882	34.853	25.882	22.958	2.	26.378	34.286	26.378	22.377
50.	16.124	34.921	16.116	25.647	50.	18.313	34.849	18.304	25.077
100.	13.968	34.942	13.954	26.151	100.	14.073	34.926	14.058	26.116
249.	12.383	34.872	12.350	26.416	250.	12.280	34.839	12.247	26.410
650.	6.764	34.582	6.703	27.121	501.	7.919	34.617	7.868	26.986
849.	5.444	34.555	5.371	27.267	851.	5.376	34.556	5.304	27.279
1000.	4.714	34.560	4.633	27.357	1001.	4.550	34.564	4.470	27.379
1000.	4.713	34.560	4.632	27.357	1001.	4.550	34.564	4.470	27.379

CAST GP1-96-MB-0311 LAT 02 03.8N LONG 110 07.4W CAST GP1-96-MB-0331 LAT 05 01.9N LONG 109 56.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	26.491	34.820	26.491	22.746	2.	28.080	33.998	28.080	21.619
1.	26.483	34.820	26.482	22.747	1.	28.091	33.996	28.091	21.614
50.	19.302	34.843	19.293	24.814	51.	26.626	34.930	26.614	22.788
100.	14.376	34.963	14.361	26.080	100.	14.669	34.947	14.654	25.998
251.	12.490	34.857	12.457	26.385	250.	12.113	34.830	12.080	26.438
500.	8.384	34.630	8.331	26.926	650.	6.909	34.581	6.847	27.103
652.	6.982	34.587	6.920	27.095	851.	5.446	34.557	5.373	27.272
854.	5.271	34.556	5.198	27.291	999.	4.817	34.563	4.735	27.350
1001.	4.428	34.562	4.348	27.390	1000.	4.812	34.563	4.730	27.350
1002.	4.427	34.561	4.348	27.391					

CAST GP1-96-MB-0341 LAT 06 00.3N LONG 109 59.9W

CAST GP1-96-MB-0361 LAT 08 04.7N LONG 110 09.3W

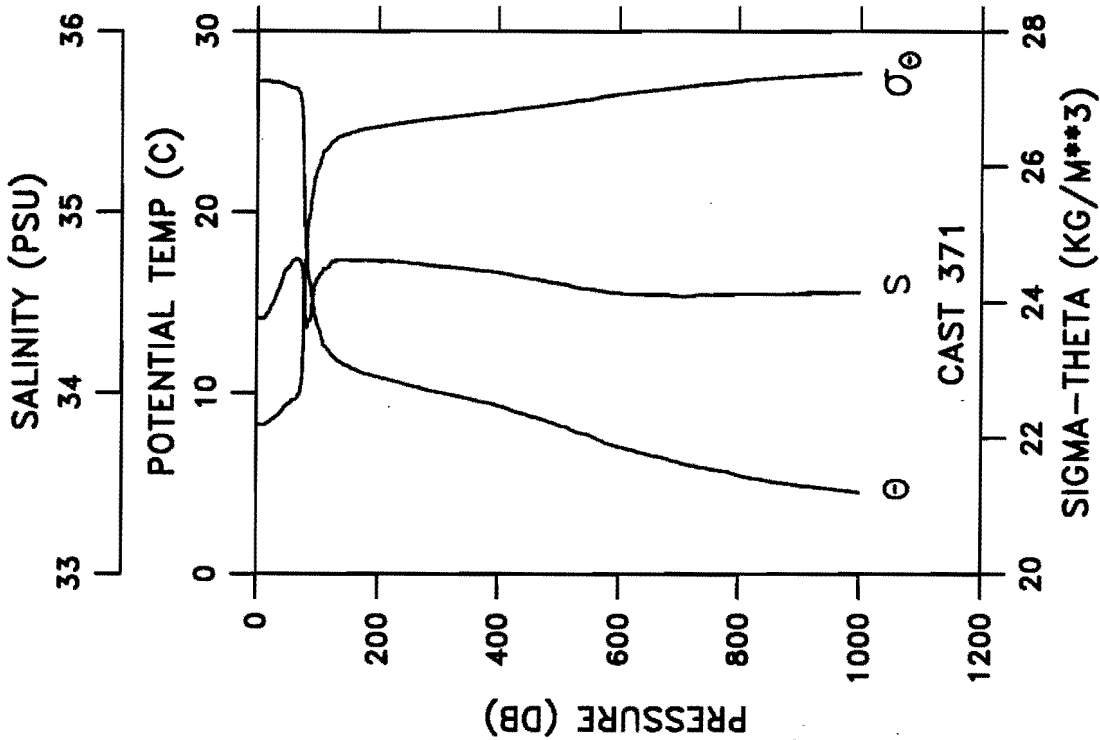
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	28.469	33.568	28.469	21.170	1.	28.595	33.312	28.595	20.931
1.	28.466	33.566	28.466	21.169	1.	28.597	33.309	28.597	20.928
49.	27.180	34.462	27.168	22.260	50.	20.962	34.528	20.952	24.153
100.	13.416	34.776	13.402	26.138	96.	14.837	34.739	14.822	25.805
251.	10.374	34.707	10.345	26.661	251.	10.950	34.735	10.920	26.579
652.	6.889	34.582	6.827	27.108	490.	8.875	34.635	8.821	26.853
850.	5.514	34.558	5.440	27.266	650.	6.788	34.564	6.726	27.105
1003.	4.817	34.563	4.735	27.352	851.	5.448	34.555	5.375	27.270
1002.	4.818	34.563	4.736	27.352	1002.	4.784	34.563	4.702	27.352
					1002.	4.785	34.562	4.703	27.352

CAST GP1-96-MB-0351 LAT 06 59.9N LONG 110 04.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	28.615	33.560	28.614	21.114
0.	28.612	33.560	28.612	21.113
51.	28.601	33.681	28.588	21.136
101.	13.421	34.775	13.407	26.134
250.	10.768	34.732	10.737	26.610
500.	8.417	34.631	8.364	26.921
651.	7.013	34.583	6.950	27.088
851.	5.649	34.558	5.575	27.248
1000.	4.880	34.565	4.797	27.341
999.	4.881	34.563	4.798	27.341

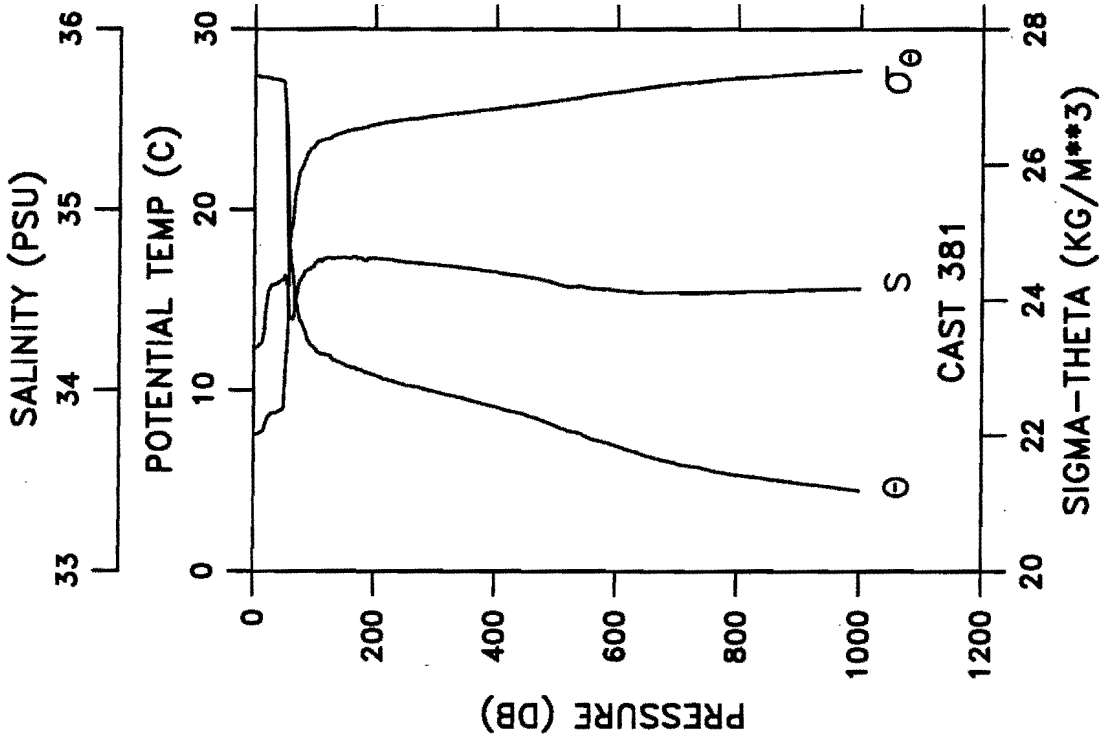
GP2-96-MB
June 6-July 5, 1996
CTD and Hydrographic Data Summary

CAST GP2-96-MB-0371 DATE 11 JUN 96 TIME 0715 GMT
 LAT 08 58.9N LONG 140 17.2W WEATHER SEA STATE
 BAROMETER 11 WIND DIR 107 T SPD 07 KT VISIBILITY
 CLOUD AMOUNT DRY 27.5 WET DEPTH 4848 M



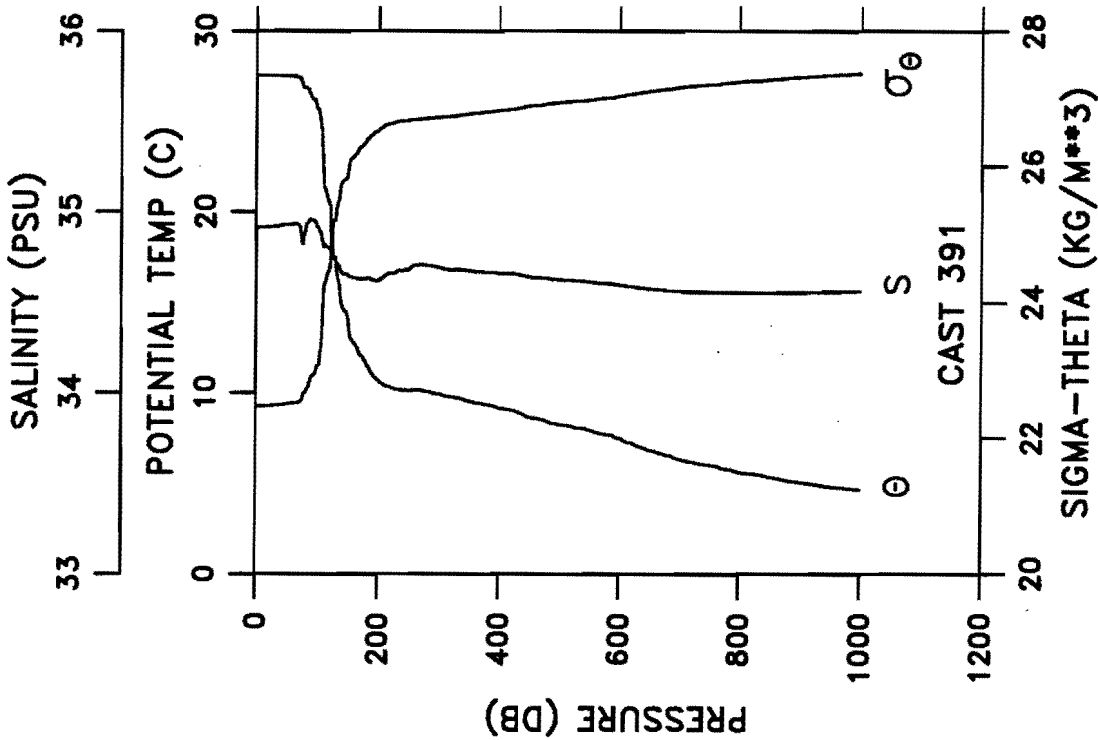
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.242	34.416	22.202	0.000
10	27.248	34.415	22.200	0.058
20	27.209	34.450	22.239	0.112
30	27.159	34.519	22.307	0.168
40	27.116	34.608	22.388	0.223
50	26.960	34.686	22.496	0.277
60	26.843	34.730	22.567	0.330
70	26.534	34.733	22.667	0.383
80	18.678	34.413	24.655	0.428
90	15.301	34.481	25.514	0.457
100	13.684	34.631	25.966	0.479
110	12.597	34.686	26.230	0.488
120	12.233	34.704	26.315	0.516
130	11.890	34.725	26.397	0.533
140	11.638	34.735	26.452	0.549
150	11.499	34.732	26.476	0.565
160	11.312	34.730	26.509	0.581
170	11.159	34.733	26.539	0.596
180	11.036	34.730	26.559	0.611
190	10.958	34.728	26.572	0.627
200	10.886	34.726	26.583	0.642
250	10.437	34.717	26.656	0.715
300	10.028	34.698	26.712	0.785
350	9.679	34.682	26.758	0.854
400	9.278	34.663	26.810	0.921
450	8.750	34.633	26.871	0.985
500	8.222	34.605	26.930	1.047
550	7.690	34.574	26.985	1.106
600	6.999	34.551	27.065	1.162
650	6.564	34.542	27.118	1.215
700	6.146	34.535	27.167	1.266
750	5.789	34.542	27.218	1.314
800	5.448	34.545	27.262	1.361
850	4.892	34.549	27.331	1.448
900	4.501	34.557	27.381	1.530
1000	4.494	34.557	27.381	1.531

CAST GP2-96-MB-0381 DATE 11 JUN 96 TIME 1357 GMT
 LAT 08 00.2N LONG 140 10.0W WEATHER SEA STATE
 BAROMETER 09 WIND DIR 050 T SPD 06 KT VISIBILITY
 CLOUD AMOUNT DRY 27.3 WET DEPTH 5130 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.399	34.235	22.016	0.000
10	27.353	34.253	22.044	0.058
20	27.322	34.457	22.208	0.115
30	27.239	34.585	22.331	0.171
40	27.190	34.585	22.354	0.226
50	26.488	34.629	22.602	0.280
60	17.486	34.397	24.934	0.323
70	14.809	34.521	25.845	0.350
80	13.642	34.627	25.974	0.371
90	12.708	34.869	26.195	0.391
100	12.320	34.695	26.291	0.409
110	12.059	34.722	26.363	0.426
120	11.971	34.731	26.386	0.443
130	11.757	34.728	26.424	0.459
140	11.582	34.734	26.462	0.475
150	11.422	34.737	26.484	0.491
160	11.258	34.729	26.518	0.506
170	11.203	34.735	26.533	0.522
180	11.078	34.728	26.550	0.537
190	10.949	34.728	26.573	0.552
200	10.846	34.732	26.595	0.567
250	10.322	34.711	26.671	0.639
300	9.936	34.696	26.726	0.708
350	9.530	34.678	26.780	0.777
400	9.117	34.656	26.830	0.843
450	8.688	34.631	26.882	0.908
500	8.047	34.592	26.947	0.967
550	7.434	34.569	27.018	1.025
600	6.935	34.555	27.077	1.080
650	6.373	34.542	27.142	1.133
700	5.941	34.540	27.197	1.182
750	5.638	34.540	27.235	1.228
800	5.325	34.546	27.277	1.274
900	4.874	34.556	27.338	1.361
1000	4.458	34.563	27.390	1.442
1013	4.412	34.563	27.395	1.452

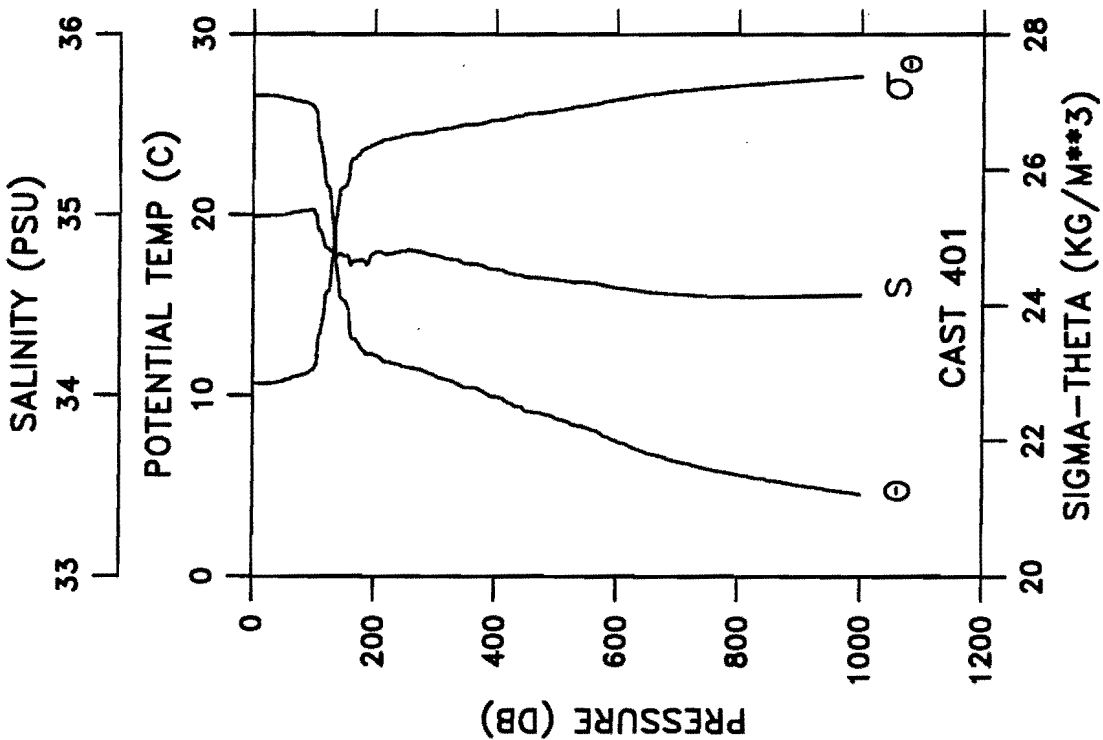
CAST GP2-96-MB-0391 DATE 12 JUN 96 TIME 0802 GMT
 LAT 04 56.1N LONG 139 50.0W WEATHER SEA STATE
 BAROMETER WIND DIR 097 T SPD 10 KT VISIBILITY
 CLOUD AMOUNT DRY 28.0 WET DEPTH 4485 M



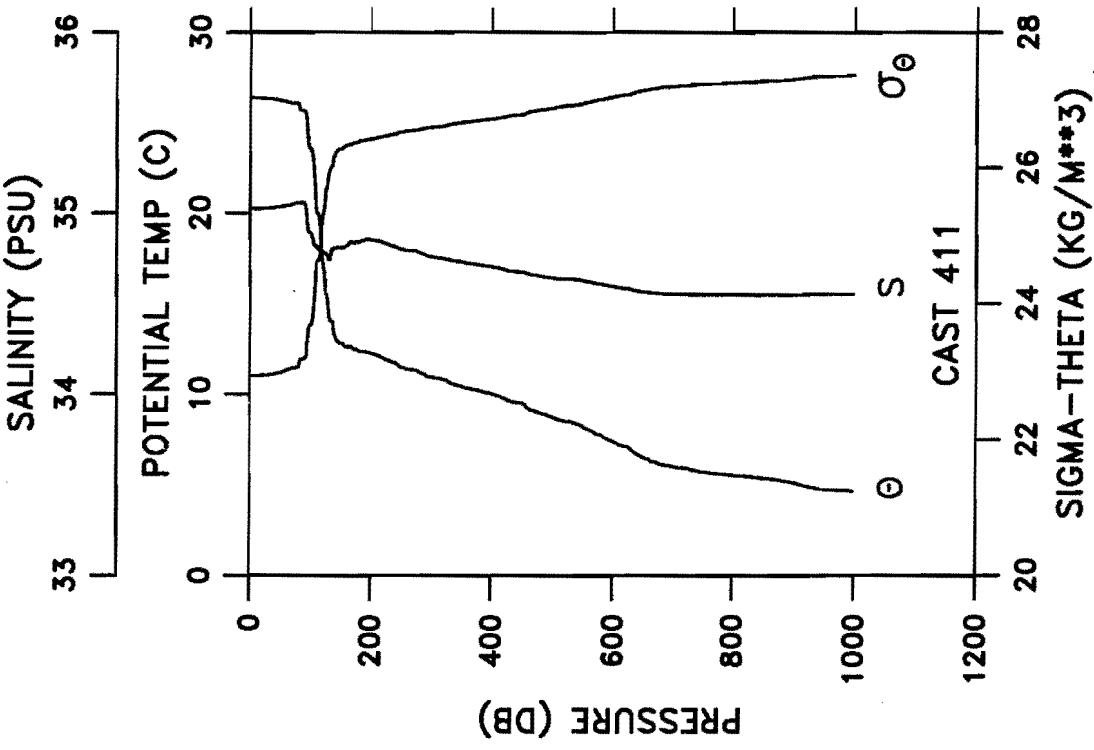
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.585	34.915	22.474	0.000
10	27.571	34.914	22.472	0.054
20	27.563	34.916	22.476	0.107
30	27.537	34.920	22.487	0.161
40	27.526	34.924	22.484	0.215
50	27.501	34.928	22.505	0.268
60	27.488	34.930	22.517	0.322
70	27.409	34.921	22.529	0.375
80	26.872	34.892	22.679	0.428
90	26.296	34.954	22.908	0.478
100	25.667	34.911	23.072	0.528
110	21.856	34.803	24.110	0.574
120	20.381	34.794	24.505	0.610
130	17.131	34.719	25.269	0.639
140	14.755	34.661	25.765	0.664
150	13.968	34.651	25.925	0.686
160	12.761	34.636	26.159	0.706
170	12.089	34.628	26.283	0.724
180	11.543	34.629	26.388	0.742
190	11.038	34.624	26.476	0.758
200	10.686	34.622	26.538	0.773
250	10.118	34.681	26.683	0.846
300	9.931	34.692	26.724	0.915
350	9.536	34.673	26.775	0.983
400	9.154	34.658	26.826	1.049
450	8.663	34.840	26.890	1.113
500	8.242	34.824	26.942	1.174
550	7.935	34.613	26.980	1.234
600	7.468	34.596	27.035	1.291
650	6.810	34.575	27.110	1.345
700	6.315	34.562	27.166	1.396
750	6.000	34.557	27.203	1.445
800	5.596	34.553	27.250	1.493
900	5.056	34.555	27.315	1.582
1000	4.639	34.561	27.368	1.665
1000	4.639	34.561	27.368	1.665

CAST GP2-86-MB-0401 DATE 12 JUN 96 TIME 1336 GMT
 LAT 04 00.5N LONG 139 52.9W WEATHER SEA STATE
 BAROMETER 08 WIND DIR 080 T SPD 10 KT VISIBILITY
 CLOUD AMOUNT DRY 26.8 WET DEPTH 4393 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-D (DYN-M)
0	26.602	34.988	22.837	0.000
10	26.602	34.992	22.841	0.050
20	26.601	34.993	22.842	0.100
30	26.598	34.994	22.843	0.150
40	26.554	34.998	22.860	0.201
50	26.480	35.002	22.887	0.251
60	26.450	35.004	22.897	0.300
70	26.319	35.014	22.946	0.350
80	26.260	35.020	22.989	0.399
90	26.176	35.022	22.997	0.448
100	25.985	35.023	23.057	0.497
110	24.021	34.911	23.570	0.543
120	21.894	34.818	24.166	0.584
130	19.916	34.794	24.628	0.621
140	16.368	34.780	25.495	0.650
150	15.236	34.771	25.744	0.673
160	13.366	34.720	26.103	0.695
170	13.016	34.746	26.193	0.714
180	12.503	34.750	26.298	0.732
190	12.279	34.741	26.335	0.750
200	12.226	34.789	26.382	0.767
250	11.588	34.798	26.511	0.848
300	11.097	34.777	26.584	0.925
350	10.443	34.729	26.664	1.000
400	9.931	34.698	26.728	1.071
450	9.148	34.656	26.825	1.139
500	8.724	34.641	26.881	1.204
550	8.224	34.627	26.947	1.266
600	7.446	34.595	27.037	1.324
650	6.790	34.572	27.111	1.378
700	6.336	34.560	27.162	1.429
750	5.942	34.551	27.205	1.478
800	5.623	34.548	27.243	1.526
900	5.040	34.548	27.313	1.615
1000	4.542	34.557	27.376	1.698
1001	4.530	34.556	27.377	1.699

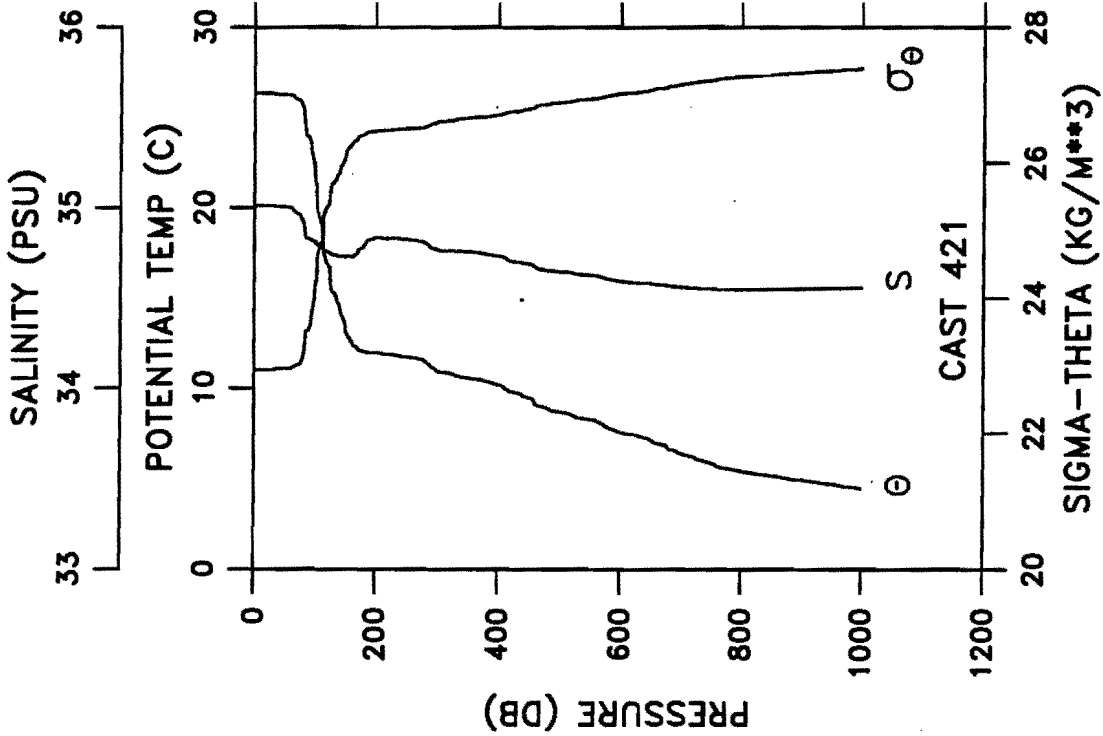


CAST GP2-96-MB-0411 DATE 12 JUN 96 TIME 1943 GMT
 LAT 03 01.2N LONG 139 56.9W WEATHER SEA STATE
 BAROMETER WIND DIR 045 T SPD 09 KT VISIBILITY
 CLOUD AMOUNT DRY 27.3 WET DEPTH 4290 M



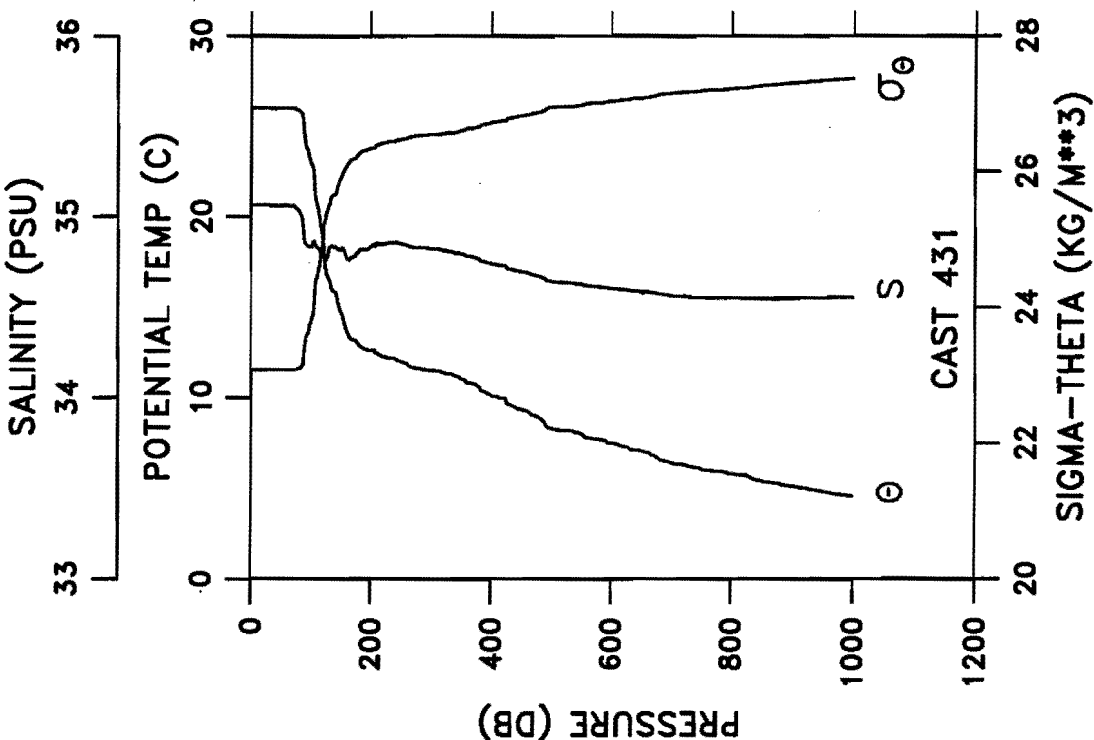
PRES (DB)	POT TEMP (C)	SAL (FSU)	SIG-TH	DELTA-D (DYN-M)
0	26.370	35.028	22.940	0.000
10	26.363	35.025	22.940	0.049
20	26.344	35.025	22.947	0.098
30	26.331	35.027	22.952	0.147
40	26.290	35.030	22.968	0.187
50	26.240	35.034	22.986	0.246
60	26.137	35.041	23.023	0.294
70	26.053	35.047	23.054	0.343
80	26.044	35.056	23.064	0.391
90	25.629	35.053	23.190	0.439
100	23.557	34.890	23.690	0.483
110	20.075	34.816	24.603	0.523
120	17.363	34.786	25.264	0.554
130	14.407	34.739	25.900	0.579
140	13.260	34.805	26.190	0.599
150	12.842	34.809	26.277	0.617
160	12.618	34.822	26.332	0.634
170	12.549	34.836	26.356	0.651
180	12.395	34.836	26.366	0.668
190	12.342	34.851	26.408	0.685
200	12.269	34.851	26.423	0.702
250	11.497	34.799	26.528	0.782
300	10.951	34.759	26.597	0.859
350	10.434	34.730	26.667	0.933
400	10.029	34.703	26.716	1.004
450	9.495	34.674	26.782	1.073
500	8.748	34.642	26.878	1.138
550	8.230	34.627	26.947	1.200
600	7.426	34.596	27.041	1.258
650	6.536	34.566	27.140	1.311
700	6.013	34.553	27.198	1.360
750	5.695	34.549	27.235	1.408
800	5.537	34.548	27.253	1.454
900	5.110	34.548	27.304	1.543
1000	4.627	34.555	27.365	1.627
1012	4.609	34.554	27.366	1.637

CAST GP2-96-MB-0421 DATE 13 JUN 96 TIME 1140 GMT
 LAT 01 59.7N LONG 140 00.0W WEATHER SEA STATE
 BAROMETER 07 WIND DIR 075 T SPD 16 KT VISIBILITY
 CLOUD AMOUNT DRY 27.4 WET DEPTH 4371 M



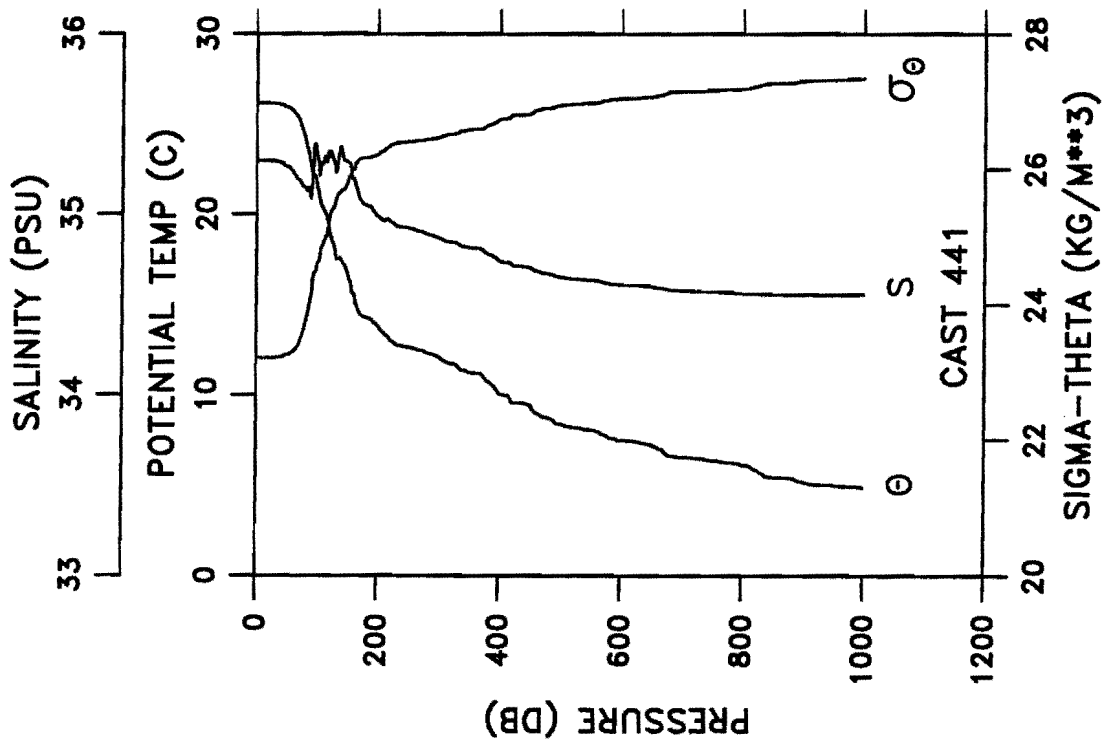
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-0 (DYN-M)
0	26.338	35.007	22.935	0.000
10	26.340	35.011	22.937	0.049
20	26.339	35.012	22.938	0.098
30	26.336	35.012	22.939	0.148
40	26.274	35.008	22.956	0.197
50	26.284	35.007	22.958	0.246
60	26.236	35.002	22.963	0.295
70	26.023	34.971	23.006	0.344
80	25.591	34.929	23.109	0.393
90	23.906	34.828	23.540	0.438
100	21.881	34.804	24.104	0.479
110	19.177	34.785	24.813	0.514
120	16.896	34.757	25.353	0.542
130	15.321	34.738	25.700	0.567
140	14.627	34.730	25.846	0.590
150	13.507	34.726	26.078	0.610
160	12.563	34.728	26.265	0.629
170	12.197	34.755	26.362	0.646
180	12.040	34.785	26.415	0.663
190	11.973	34.823	26.457	0.679
200	11.959	34.834	26.469	0.695
250	11.742	34.825	26.503	0.775
300	10.967	34.768	26.601	0.853
350	10.582	34.756	26.661	0.927
400	10.209	34.733	26.708	0.989
450	9.495	34.689	26.794	1.068
500	8.714	34.646	26.887	1.132
550	8.288	34.627	26.938	1.194
600	7.567	34.593	27.018	1.253
650	7.122	34.582	27.073	1.309
700	6.386	34.560	27.156	1.361
750	5.861	34.551	27.216	1.410
800	5.438	34.547	27.265	1.456
800	4.961	34.551	27.324	1.544
1000	4.464	34.558	27.385	1.626
1008	4.458	34.557	27.385	1.632

CAST GP2-96-MB-0431 DATE 13 JUN 96 TIME 1747 GMT
 LAT 01 00.7N LONG 139 57.0W WEATHER SEA STATE
 BAROMETER WIND DIR 090 T SPD 16 KT VISIBILITY
 CLOUD AMOUNT DRY 27.0 WET 24.0 DEPTH 4327 M



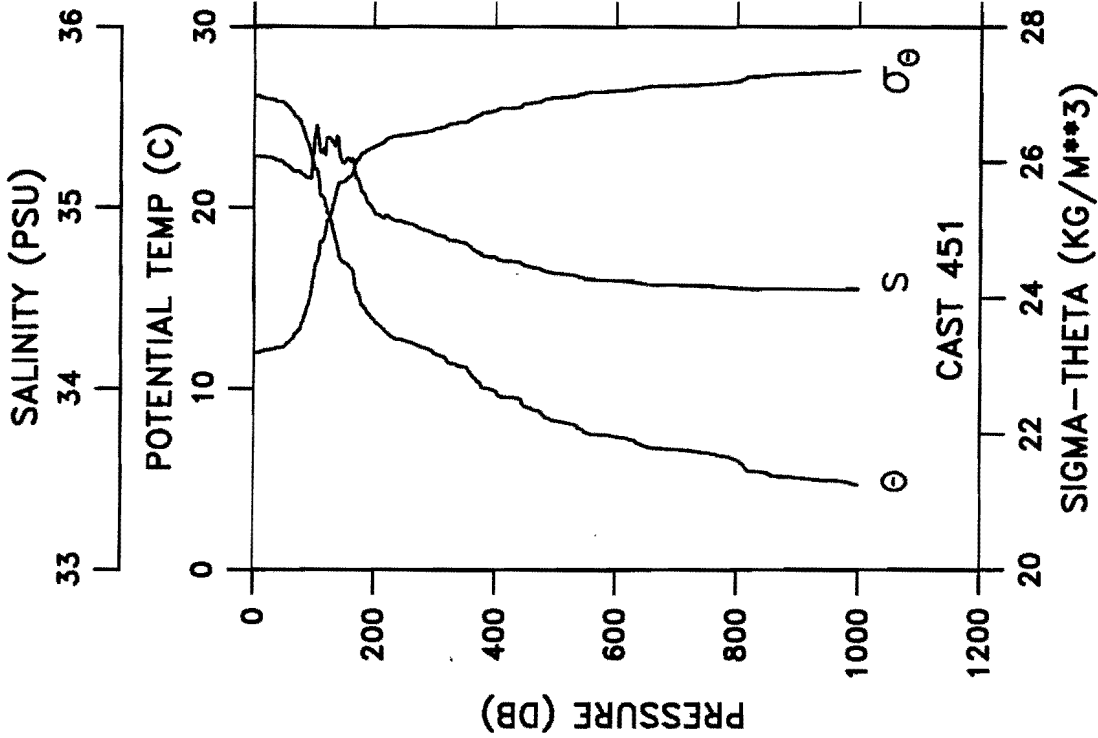
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.028	35.064	23.075	0.000
10	26.025	35.084	23.076	0.048
20	26.026	35.064	23.076	0.096
30	26.022	35.064	23.077	0.144
40	25.997	35.060	23.081	0.192
50	26.001	35.061	23.081	0.240
60	25.997	35.060	23.082	0.288
70	25.986	35.058	23.084	0.336
80	25.853	35.026	23.101	0.384
90	24.249	34.854	23.459	0.431
100	23.001	34.830	23.806	0.474
110	20.681	34.830	24.452	0.512
120	18.546	34.792	24.978	0.545
130	16.481	34.827	25.505	0.572
140	15.830	34.831	25.657	0.596
150	14.689	34.817	25.899	0.618
160	13.829	34.767	26.085	0.639
170	13.209	34.776	26.178	0.658
180	12.905	34.809	26.264	0.676
190	12.701	34.818	26.312	0.694
200	12.623	34.833	26.339	0.712
250	12.019	34.851	26.470	0.795
300	11.506	34.823	26.545	0.874
350	11.060	34.794	26.604	0.951
400	10.147	34.740	26.724	1.024
450	9.369	34.696	26.820	1.092
500	8.326	34.643	26.944	1.155
550	8.023	34.628	26.978	1.215
600	7.518	34.605	27.035	1.272
650	7.068	34.588	27.085	1.327
700	6.397	34.565	27.158	1.379
750	6.052	34.556	27.195	1.429
800	5.784	34.552	27.225	1.477
900	5.106	34.549	27.306	1.567
1000	4.567	34.556	27.373	1.651
1002	4.562	34.556	27.373	1.653

CAST CP2-96-MB-0441 DATE 14 JUN 96 TIME 0711 GMT
 LAT 00 00.8N LONG 139 56.0W WEATHER SEA STATE 1
 BAROMETER 10 WIND DIR 084 T SPD 17 KT VISIBILITY
 CLOUD AMOUNT DRY 27.4 WET DEPTH 4359 M



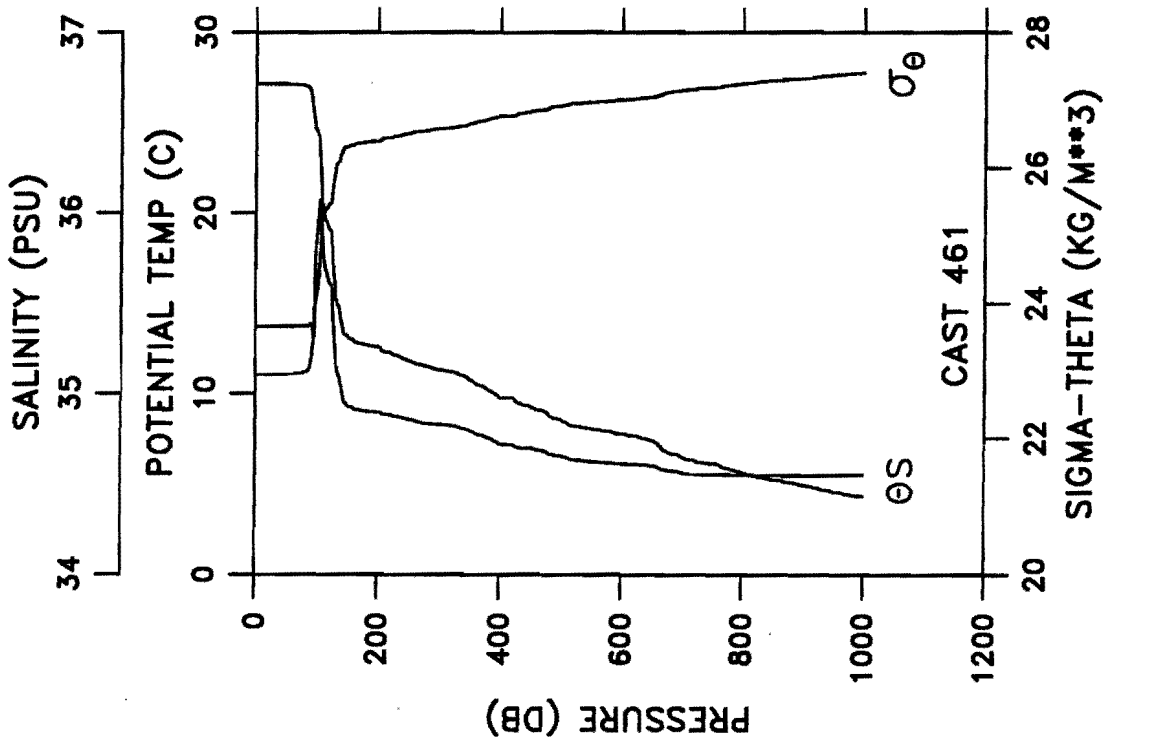
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.167	35.300	23.209	0.000
10	26.160	35.297	23.210	0.047
20	26.159	35.298	23.210	0.093
30	26.135	35.294	23.215	0.140
40	26.068	35.285	23.229	0.186
50	25.932	35.265	23.257	0.233
60	25.725	35.236	23.299	0.279
70	25.247	35.190	23.411	0.325
80	24.221	35.150	23.691	0.368
90	22.642	35.088	24.104	0.409
100	21.535	35.327	24.598	0.444
110	20.315	35.279	24.892	0.477
120	19.050	35.318	25.252	0.506
130	17.780	35.244	25.514	0.532
140	17.433	35.355	25.684	0.557
150	16.787	35.293	25.791	0.580
160	15.586	35.196	25.983	0.601
170	14.500	35.087	26.149	0.621
180	14.284	35.050	26.166	0.640
190	14.163	35.036	26.182	0.659
200	13.807	34.989	26.220	0.677
250	12.642	34.924	26.406	0.764
300	12.102	34.870	26.489	0.847
350	11.260	34.816	26.585	0.926
400	10.059	34.742	26.741	1.000
450	9.436	34.705	26.817	1.068
500	8.389	34.652	26.842	1.130
550	8.075	34.635	26.977	1.189
600	7.484	34.609	27.043	1.246
650	7.238	34.599	27.070	1.302
700	6.555	34.577	27.148	1.354
750	6.381	34.571	27.164	1.405
800	6.106	34.561	27.193	1.455
900	5.184	34.555	27.301	1.547
1000	4.852	34.556	27.340	1.633
1500	2.940	34.610	27.579	1.987
2000	2.103	34.649	27.683	2.262
2500	1.666	34.672	27.735	2.504
3000	1.441	34.682	27.760	2.733
3002	1.440	34.682	27.759	2.734

CAST GP2-96-MB-0451 DATE 14 JUN 96 TIME 2327 GMT
 LAT 00 02.1N LONG 139 56.6W WEATHER SEA STATE
 BAROMETER WIND DIR 100 T SPD 15 KT VISIBILITY
 CLOUD AMOUNT DRY 28.4 WET DEPTH 4360 M



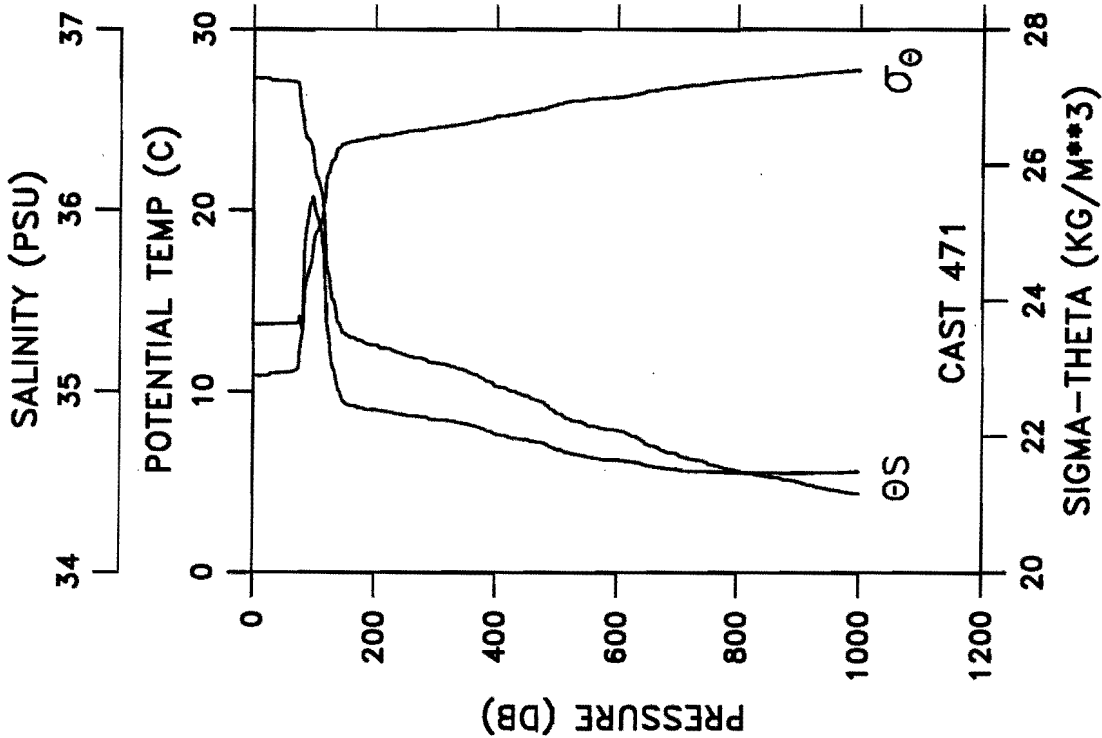
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-0 (DYN-M)
0	28.165	35.282	23.196	0.000
10	28.146	35.281	23.202	0.047
20	28.018	35.278	23.239	0.093
30	25.987	35.273	23.246	0.140
40	25.877	35.259	23.269	0.186
50	25.799	35.242	23.293	0.232
60	25.454	35.218	23.369	0.278
70	25.014	35.196	23.487	0.322
80	24.454	35.185	23.648	0.366
90	23.515	35.163	23.909	0.407
100	22.300	35.352	24.402	0.445
110	20.629	35.304	24.827	0.479
120	18.939	35.356	25.051	0.510
130	18.862	35.362	25.334	0.538
140	17.533	35.354	25.659	0.564
150	16.955	35.244	25.713	0.587
160	16.855	35.252	25.791	0.610
170	15.431	35.162	26.002	0.631
180	14.570	35.084	26.131	0.651
190	14.132	35.025	26.179	0.670
200	13.769	34.979	26.220	0.689
250	12.649	34.918	26.400	0.776
300	11.938	34.852	26.486	0.859
350	11.194	34.803	26.587	0.938
400	9.875	34.725	26.759	1.009
450	9.008	34.679	26.866	1.075
500	8.211	34.636	26.957	1.137
550	7.556	34.605	27.029	1.195
600	7.328	34.598	27.055	1.251
650	6.804	34.578	27.114	1.305
700	6.630	34.572	27.132	1.357
750	6.461	34.567	27.151	1.408
800	6.050	34.554	27.194	1.458
900	5.082	34.548	27.310	1.548
1000	4.681	34.552	27.356	1.633
1001	4.681	34.552	27.356	1.634

CAST GP2-96-MB-0461 DATE 15 JUN 96 TIME 1224 GMT
 LAT 01 58.0S LONG 139 58.5W WEATHER SEA STATE
 BAROMETER 08 WIND DIR 110.T SPD 15 KT VISIBILITY
 CLOUD AMOUNT DRY 28.0 WET DEPTH 4299 M



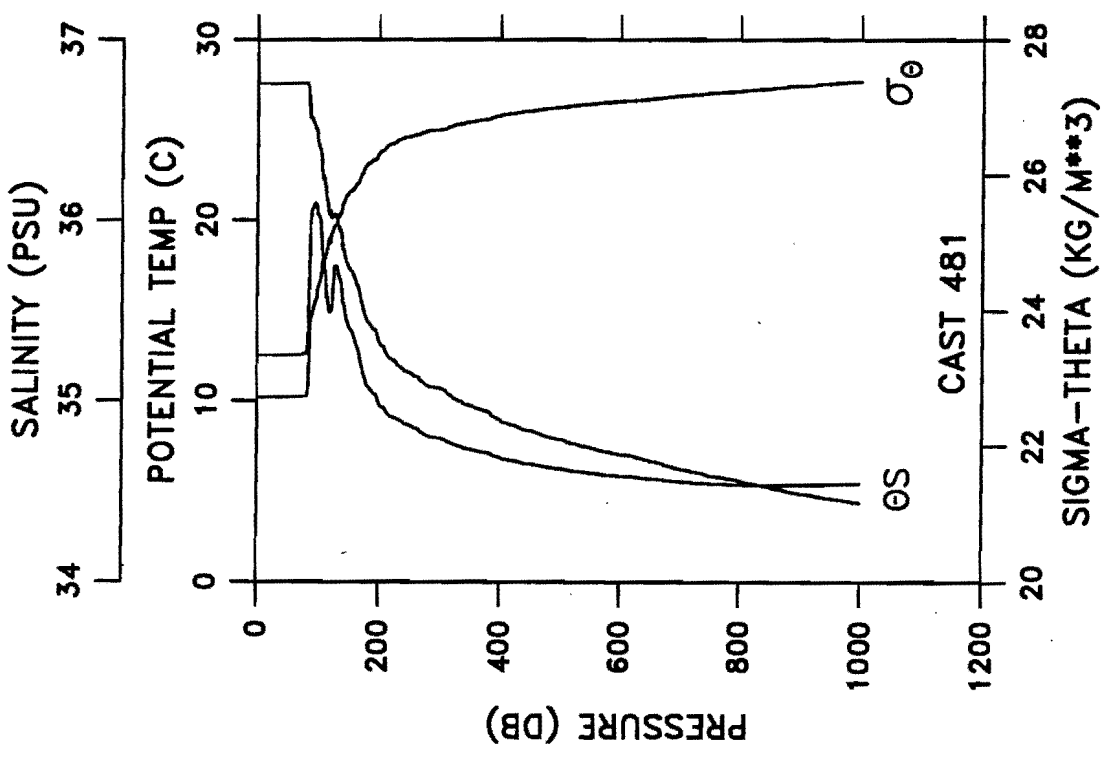
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.147	35.370	22.952	0.000
10	27.143	35.369	22.952	0.049
20	27.147	35.369	22.951	0.098
30	27.147	35.370	22.951	0.147
40	27.147	35.370	22.952	0.196
50	27.146	35.370	22.952	0.246
60	27.121	35.370	22.960	0.295
70	27.097	35.371	22.968	0.344
80	27.041	35.371	22.987	0.393
90	26.500	35.387	23.170	0.442
100	24.559	35.880	24.142	0.485
110	20.344	35.787	25.272	0.518
120	19.108	35.613	25.463	0.544
130	15.804	35.219	25.982	0.568
140	13.979	35.032	26.217	0.587
150	13.141	34.933	26.313	0.605
160	12.943	34.920	26.343	0.622
170	12.778	34.909	26.367	0.639
180	12.708	34.903	26.377	0.656
190	12.622	34.900	26.391	0.673
200	12.584	34.898	26.397	0.690
250	11.819	34.858	26.514	0.771
300	11.327	34.829	26.583	0.848
350	10.763	34.793	26.657	0.923
400	9.787	34.719	26.769	0.984
450	9.255	34.697	26.840	1.060
500	8.554	34.654	26.918	1.124
550	8.043	34.624	26.972	1.183
600	7.746	34.610	27.005	1.242
650	7.373	34.600	27.051	1.298
700	6.483	34.584	27.146	1.351
750	6.115	34.552	27.184	1.401
800	5.617	34.548	27.244	1.449
850	4.942	34.545	27.321	1.538
900	4.337	34.553	27.395	1.619
1000	2.871	34.603	27.580	1.962
1500	2.100	34.644	27.678	2.239
2000	1.869	34.663	27.727	2.486
2500	1.869	34.663	27.727	2.486
3000	1.419	34.675	27.755	2.717
3003	1.419	34.675	27.755	2.718

CAST GP2-96-MB-0471 DATE 16 JUN 96 TIME 0301 GMT
 LAT 02 00.5S LONG 139 57.1W WEATHER SEA STATE
 BAROMETER DB WIND DIR 131 T SPD 19 KT VISIBILITY
 CLOUD AMOUNT DRY 28.5 WET DEPTH 4342 M



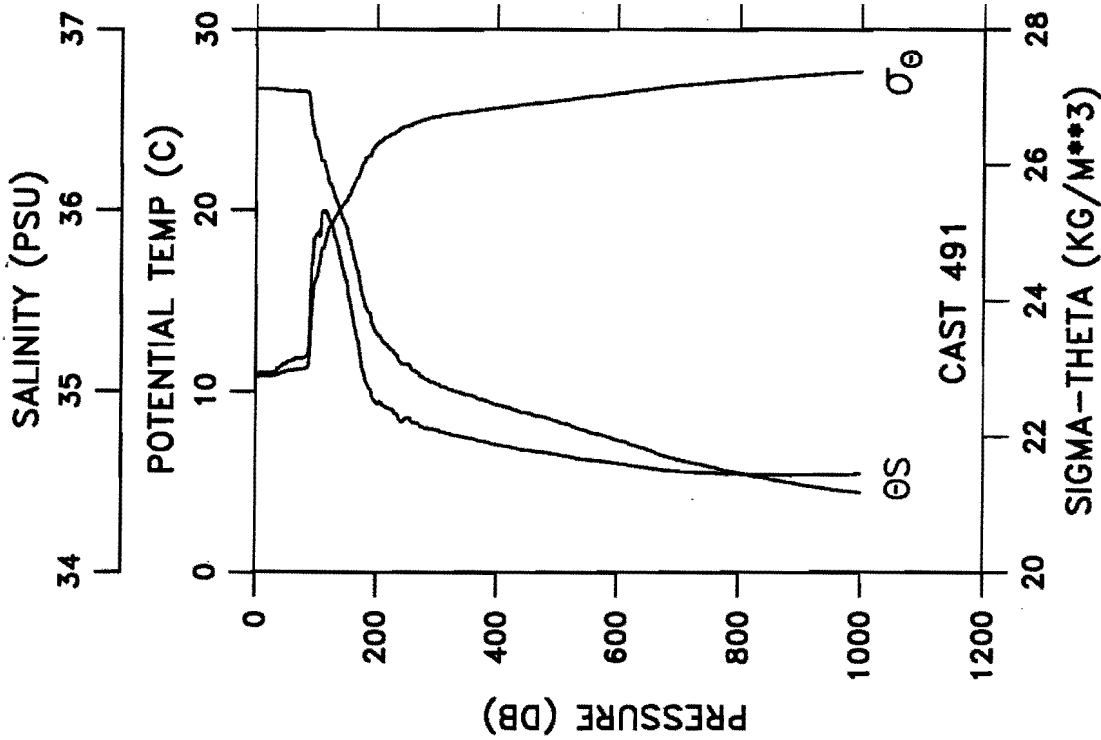
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.300	35.371	22.903	0.000
10	27.307	35.369	22.900	0.050
20	27.304	35.371	22.902	0.099
30	27.183	35.371	22.941	0.149
40	27.170	35.372	22.945	0.198
50	27.156	35.373	22.951	0.247
60	27.135	35.374	22.958	0.296
70	27.072	35.376	22.980	0.346
80	25.334	35.346	23.503	0.393
90	23.908	35.955	24.393	0.431
100	22.371	36.030	24.897	0.465
110	21.214	35.902	25.124	0.495
120	16.969	35.383	25.817	0.521
130	15.062	35.134	26.062	0.542
140	13.756	35.008	26.245	0.561
150	13.191	34.938	26.307	0.579
160	12.981	34.922	26.337	0.596
170	12.838	34.914	26.359	0.613
180	12.763	34.908	26.369	0.631
190	12.585	34.900	26.398	0.647
200	12.558	34.899	26.403	0.664
250	12.021	34.870	26.484	0.746
300	11.588	34.844	26.546	0.825
350	11.161	34.822	26.608	0.902
400	10.284	34.761	26.717	0.975
450	9.782	34.731	26.780	1.044
500	8.822	34.677	26.894	1.110
550	8.145	34.637	26.967	1.171
600	7.849	34.619	26.997	1.229
650	7.043	34.589	27.089	1.286
700	6.527	34.568	27.143	1.338
750	6.042	34.555	27.196	1.388
800	5.599	34.550	27.247	1.435
900	4.997	34.547	27.316	1.524
1000	4.341	34.554	27.395	1.605
1002	4.327	34.554	27.397	1.606

CAST GP2-96-MB-0481 DATE 16 JUN 96 TIME 2013 GMT
 LAT 05 00.55 LONG 139 55.5W WEATHER SEA STATE
 BAROMETER WIND DIR 100 T SPD 18 KT VISIBILITY
 CLOUD AMOUNT DRY 29.2 WET DEPTH 4307 M



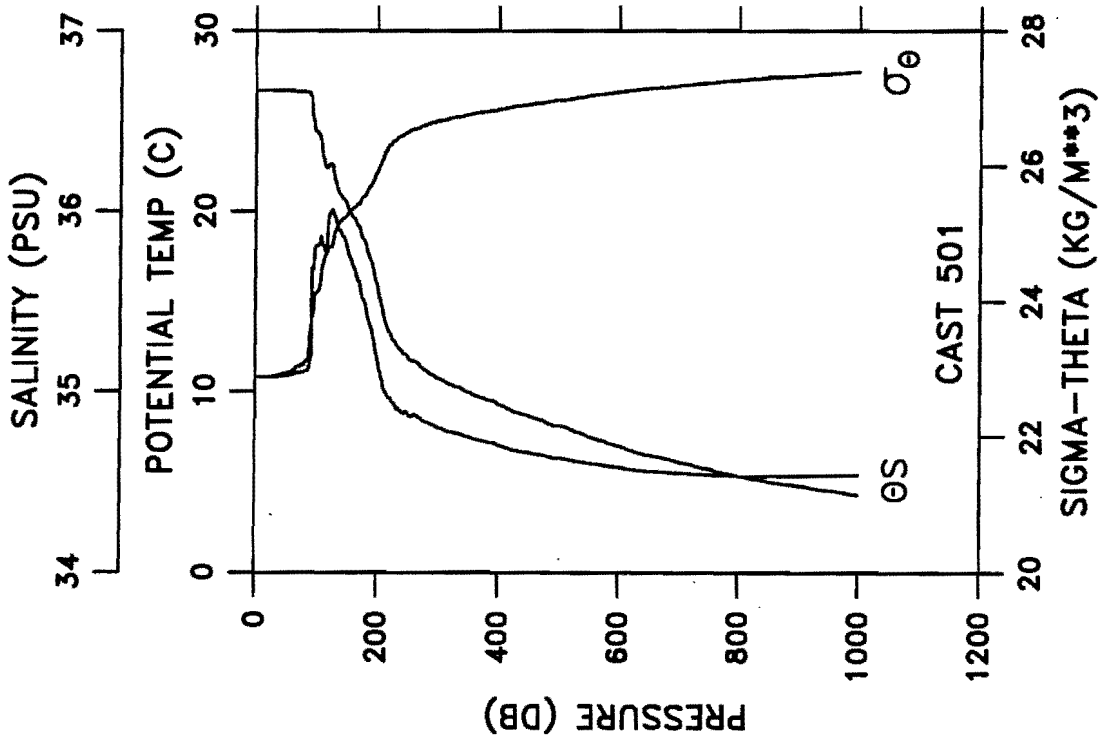
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.590	35.254	22.721	0.000
10	27.589	35.252	22.721	0.051
20	27.580	35.253	22.724	0.103
30	27.581	35.253	22.723	0.154
40	27.582	35.253	22.723	0.205
50	27.578	35.253	22.725	0.257
60	27.575	35.254	22.726	0.308
70	27.570	35.255	22.729	0.360
80	27.556	35.262	22.738	0.411
90	25.581	36.059	23.985	0.456
100	24.248	36.032	24.350	0.495
110	22.064	35.733	24.759	0.529
120	20.541	35.497	24.998	0.560
130	20.198	35.744	25.278	0.588
140	18.431	35.546	25.584	0.614
150	17.383	35.410	25.738	0.638
160	16.782	35.330	25.820	0.660
170	15.661	35.204	25.983	0.682
180	14.478	35.084	26.152	0.702
190	13.992	35.043	26.223	0.720
200	13.279	34.985	26.326	0.738
250	11.576	34.867	26.566	0.819
300	10.704	34.794	26.668	0.892
350	9.748	34.732	26.786	0.961
400	8.968	34.686	26.878	1.026
450	8.366	34.652	26.945	1.086
500	7.859	34.625	27.000	1.144
550	7.429	34.603	27.046	1.200
600	7.025	34.584	27.088	1.254
650	6.684	34.570	27.124	1.307
700	6.233	34.554	27.170	1.358
750	5.841	34.544	27.212	1.407
800	5.603	34.538	27.237	1.454
900	4.892	34.534	27.318	1.543
1000	4.372	34.544	27.385	1.625
1007	4.345	34.544	27.387	1.631

CAST GP2-96-MB-0491 DATE 20 JUN 96 TIME 0948 GMT
 LAT 07 58.2S LONG 124 59.3W WEATHER SEA STATE
 BAROMETER 09 WIND DIR 100 T SPD 23 KT VISIBILITY
 CLOUD AMOUNT DRY 25.7 WET DEPTH 4547 M



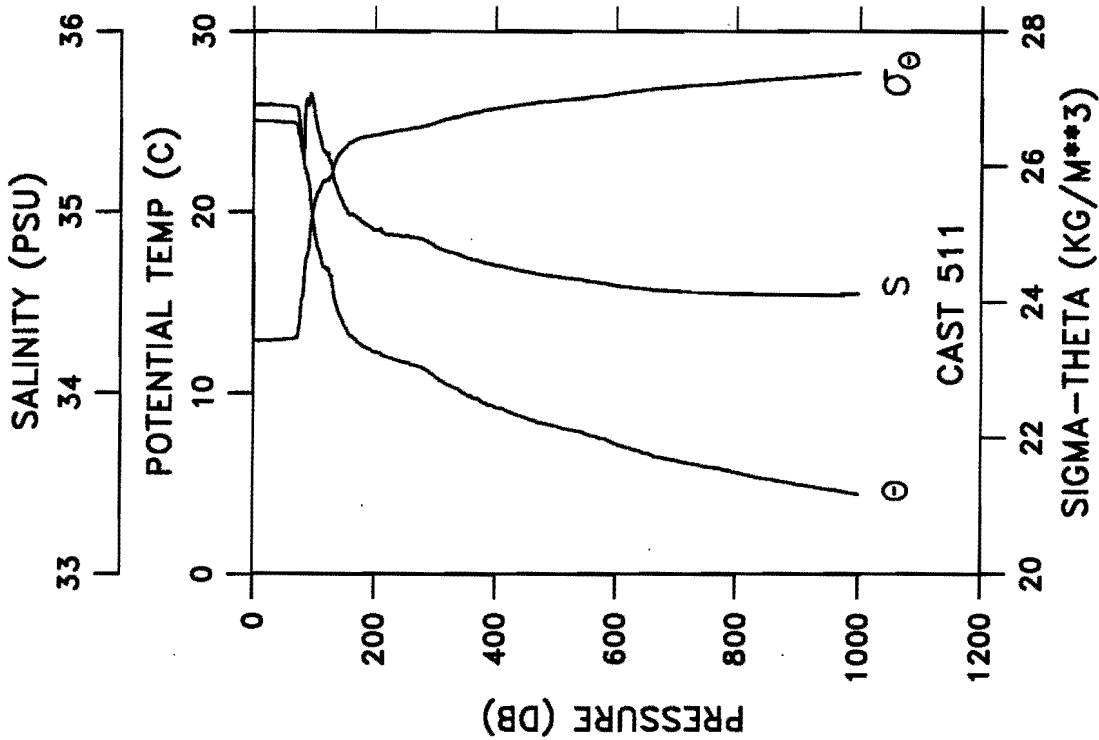
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.707	35.093	22.883	0.000
10	26.704	35.105	22.893	0.050
20	26.698	35.108	22.896	0.089
30	26.694	35.109	22.900	0.149
40	26.647	35.134	22.933	0.198
50	26.615	35.152	22.957	0.248
60	26.594	35.172	22.979	0.297
70	26.580	35.183	22.992	0.346
80	26.562	35.186	22.999	0.395
90	25.710	35.428	23.449	0.443
100	23.914	35.861	24.320	0.482
110	22.742	35.991	24.761	0.516
120	21.592	35.956	25.060	0.547
130	20.808	35.857	25.200	0.576
140	19.858	35.730	25.358	0.604
150	19.094	35.609	25.464	0.630
160	17.753	35.420	25.655	0.654
170	16.588	35.274	25.823	0.677
180	14.942	35.083	26.049	0.698
190	14.308	35.013	26.133	0.718
200	13.204	34.932	26.300	0.736
250	11.486	34.849	26.569	0.818
300	10.421	34.784	26.711	0.890
350	9.813	34.742	26.783	0.958
400	9.271	34.703	26.842	1.024
450	8.799	34.674	26.895	1.087
500	8.335	34.649	26.948	1.148
550	7.818	34.619	27.002	1.206
600	7.310	34.600	27.061	1.262
650	6.783	34.576	27.115	1.316
700	6.203	34.557	27.177	1.366
750	5.847	34.548	27.215	1.415
800	5.482	34.541	27.255	1.461
900	4.841	34.539	27.328	1.549
1000	4.393	34.544	27.382	1.631
1500	2.848	34.600	27.580	1.978
2000	2.100	34.642	27.677	2.254
2500	1.707	34.669	27.729	2.500
3000	1.515	34.680	27.752	2.733
3004	1.516	34.679	27.752	2.735

CAST GP2-96-MB-0501 DATE 21 JUN 96 TIME 0428 GMT
 LAT 07 59.1S LONG 125 01.1W WEATHER SEA STATE
 BAROMETER 10 WIND DIR 100 T SPD 20 KT VISIBILITY
 CLOUD AMOUNT DRY 27.8 WET DEPTH 4520 M



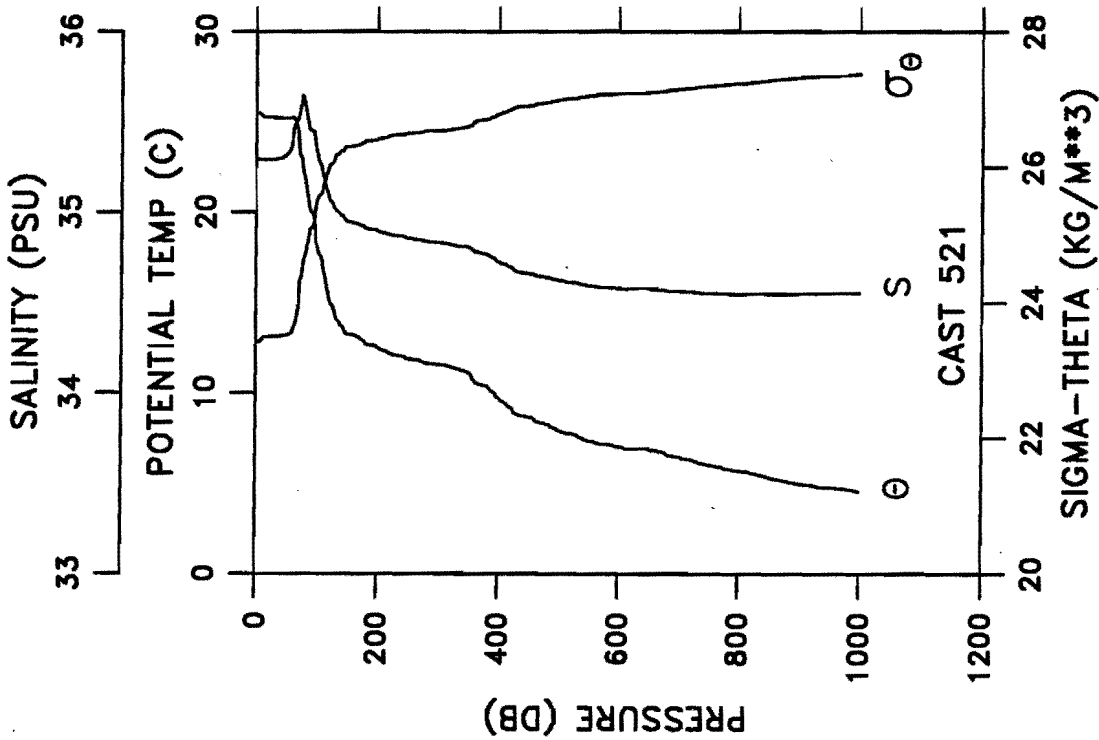
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.686	35.082	22.881	0.000
10	26.684	35.079	22.880	0.050
20	26.685	35.080	22.880	0.099
30	26.689	35.084	22.882	0.149
40	26.679	35.094	22.893	0.199
50	26.669	35.103	22.903	0.249
60	26.657	35.112	22.914	0.298
70	26.624	35.141	22.946	0.348
80	26.616	35.152	22.956	0.397
90	26.419	35.340	23.160	0.446
100	24.433	35.805	24.124	0.488
110	23.138	35.815	24.514	0.525
120	22.526	35.947	24.790	0.559
130	21.808	35.971	25.011	0.590
140	20.926	35.888	25.192	0.619
150	20.395	35.805	25.272	0.647
160	19.669	35.696	25.382	0.674
170	19.195	35.613	25.441	0.700
180	18.305	35.487	25.570	0.725
190	17.251	35.351	25.725	0.749
200	15.882	35.180	25.914	0.772
250	11.938	34.879	26.507	0.860
300	10.728	34.801	26.670	0.935
350	9.982	34.750	26.760	1.005
400	9.298	34.702	26.837	1.071
450	8.673	34.663	26.907	1.134
500	8.108	34.632	26.969	1.194
550	7.501	34.605	27.038	1.251
600	6.985	34.583	27.091	1.306
650	6.488	34.560	27.142	1.357
700	6.123	34.550	27.181	1.407
750	5.739	34.541	27.223	1.455
800	5.356	34.534	27.264	1.501
800	4.809	34.534	27.328	1.588
900	4.302	34.541	27.389	1.669
1004	4.289	34.541	27.390	1.673

CAST GP2-98-MB-0511 DATE 22 JUN 96 TIME 0725 GMT
 LAT 05 01.4S LONG 124 56.8W WEATHER SEA STATE
 BAROMETER 10 WIND DIR 084 T SPD 14 KT VISIBILITY
 CLOUD AMOUNT DRY 26.9 WET DEPTH 4543 M



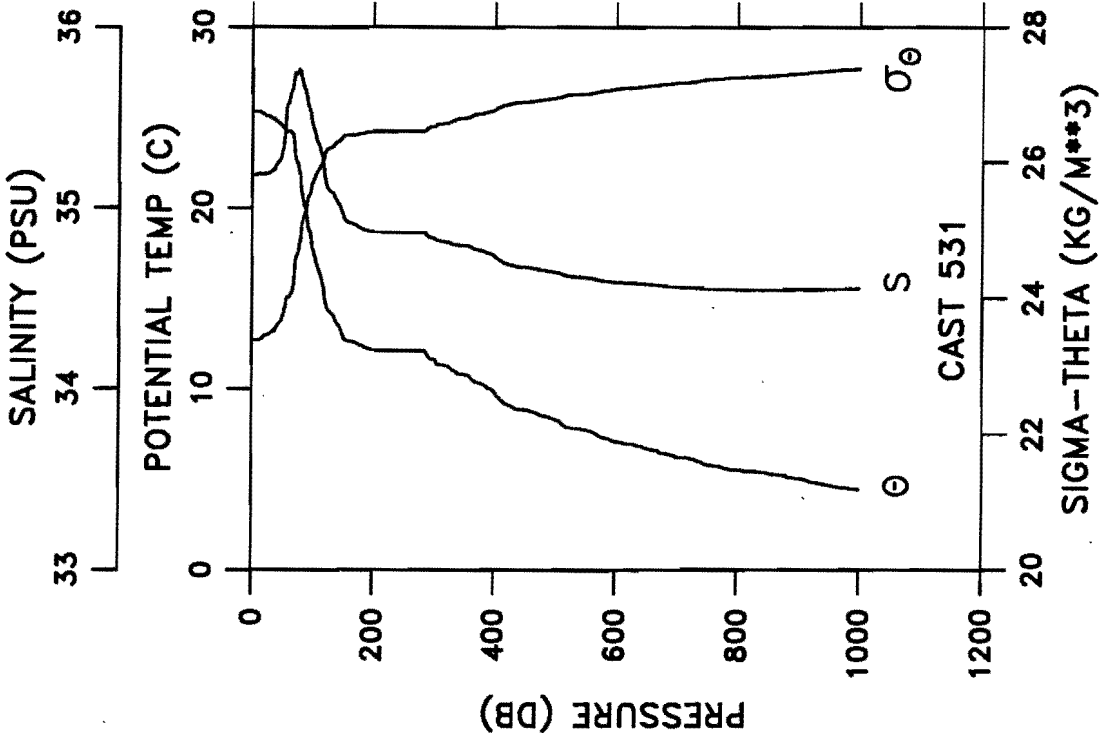
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.920	35.503	23.440	0.000
10	25.925	35.499	23.435	0.044
20	25.913	35.499	23.439	0.089
30	25.904	35.499	23.442	0.133
40	25.882	35.498	23.447	0.178
50	25.852	35.495	23.455	0.222
60	25.832	35.496	23.462	0.267
70	25.754	35.485	23.477	0.311
80	23.441	35.330	24.057	0.353
90	21.739	35.588	24.739	0.388
100	19.095	35.558	25.425	0.417
110	17.562	35.398	25.685	0.441
120	16.833	35.317	25.798	0.464
130	15.933	35.214	25.929	0.486
140	14.406	35.099	26.178	0.506
150	13.686	35.027	26.274	0.524
160	13.142	34.984	26.352	0.541
170	12.873	34.970	26.396	0.558
180	12.587	34.941	26.428	0.575
190	12.453	34.922	26.441	0.591
200	12.265	34.900	26.461	0.607
250	11.701	34.864	26.541	0.686
300	10.898	34.807	26.644	0.762
350	9.941	34.747	26.765	0.832
400	9.200	34.703	26.854	0.898
450	8.629	34.670	26.919	0.960
500	8.166	34.642	26.968	1.020
550	7.726	34.618	27.015	1.077
600	7.166	34.592	27.074	1.133
650	6.662	34.574	27.130	1.186
700	6.263	34.562	27.173	1.236
750	5.926	34.553	27.209	1.284
800	5.621	34.546	27.242	1.332
900	4.943	34.541	27.318	1.421
1000	4.393	34.547	27.384	1.503
1004	4.373	34.545	27.385	1.506

CAST GP2-96-MB-0521 DATE 22 JUN 96 TIME 2250 GMT
 LAT 01 58.6S LONG 124 55.8W WEATHER SEA STATE
 BAROMETER WIND DIR 110 T SPD 10 KT VISIBILITY
 CLOUD AMOUNT DRY 27.0 WET DEPTH 4718 M



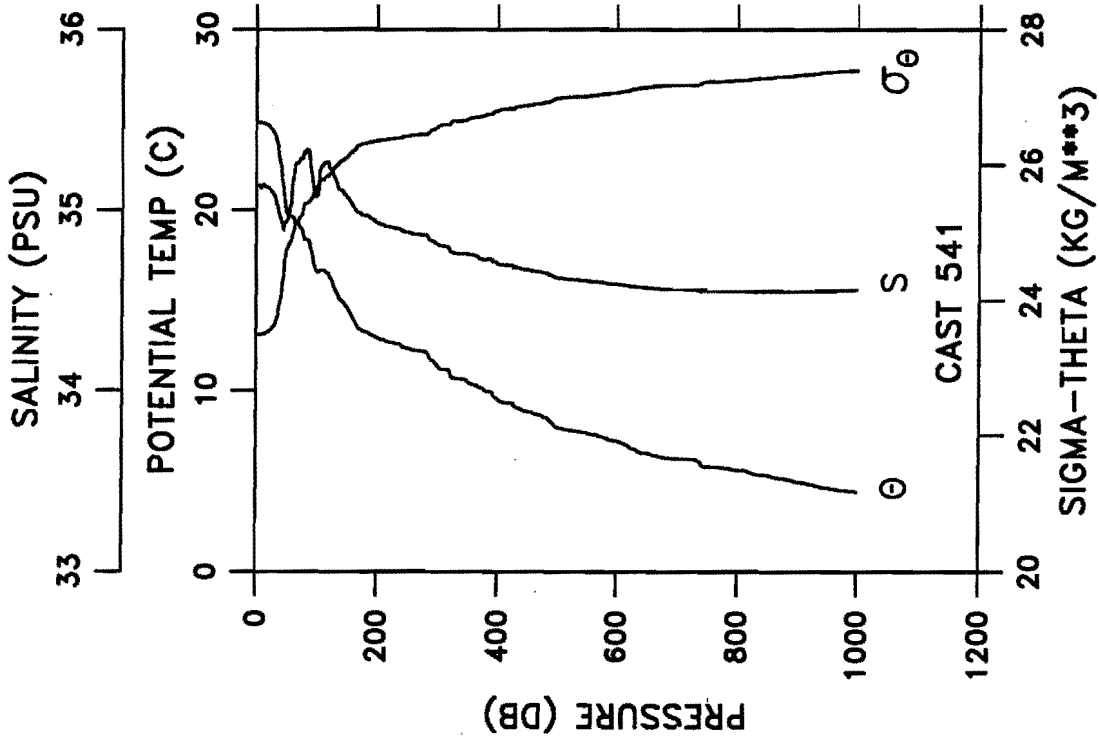
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.481	35.293	23.418	0.000
10	25.338	35.293	23.461	0.044
20	25.235	35.291	23.491	0.088
30	25.225	35.292	23.495	0.132
40	25.214	35.299	23.504	0.176
50	25.209	35.319	23.520	0.220
60	25.245	35.424	23.589	0.264
70	23.965	35.531	24.055	0.306
80	21.961	35.599	24.686	0.341
90	20.047	35.453	25.086	0.372
100	18.130	35.337	25.499	0.399
110	16.924	35.210	25.695	0.424
120	15.170	35.085	26.001	0.445
130	14.254	35.018	26.148	0.465
140	13.697	34.986	26.240	0.484
150	13.250	34.949	26.303	0.502
160	13.206	34.942	26.307	0.519
170	13.039	34.931	26.332	0.536
180	12.716	34.912	26.382	0.554
190	12.631	34.904	26.393	0.570
200	12.493	34.897	26.414	0.587
250	11.885	34.855	26.499	0.668
300	11.575	34.831	26.539	0.747
350	11.114	34.806	26.604	0.824
400	8.722	34.724	26.784	0.895
450	8.667	34.660	26.905	0.959
500	7.906	34.621	26.991	1.018
550	7.343	34.593	27.050	1.075
600	7.016	34.578	27.084	1.128
650	6.886	34.578	27.102	1.182
700	6.463	34.563	27.148	1.234
750	6.030	34.552	27.195	1.284
800	5.679	34.546	27.234	1.331
800	4.988	34.549	27.320	1.421
1000	4.548	34.555	27.373	1.504
1003	4.534	34.554	27.375	1.506

CAST GP2-96-MB-0531 DATE 23 JUN 96 TIME 0545 GMT
 LAT 00 59.55 LONG 124 37.3W WEATHER SEA STATE 1
 BAROMETER 11 WIND DIR 115 T SPD 07 KT VISIBILITY
 CLOUD AMOUNT DRY 26.4 WET DEPTH 4648 M



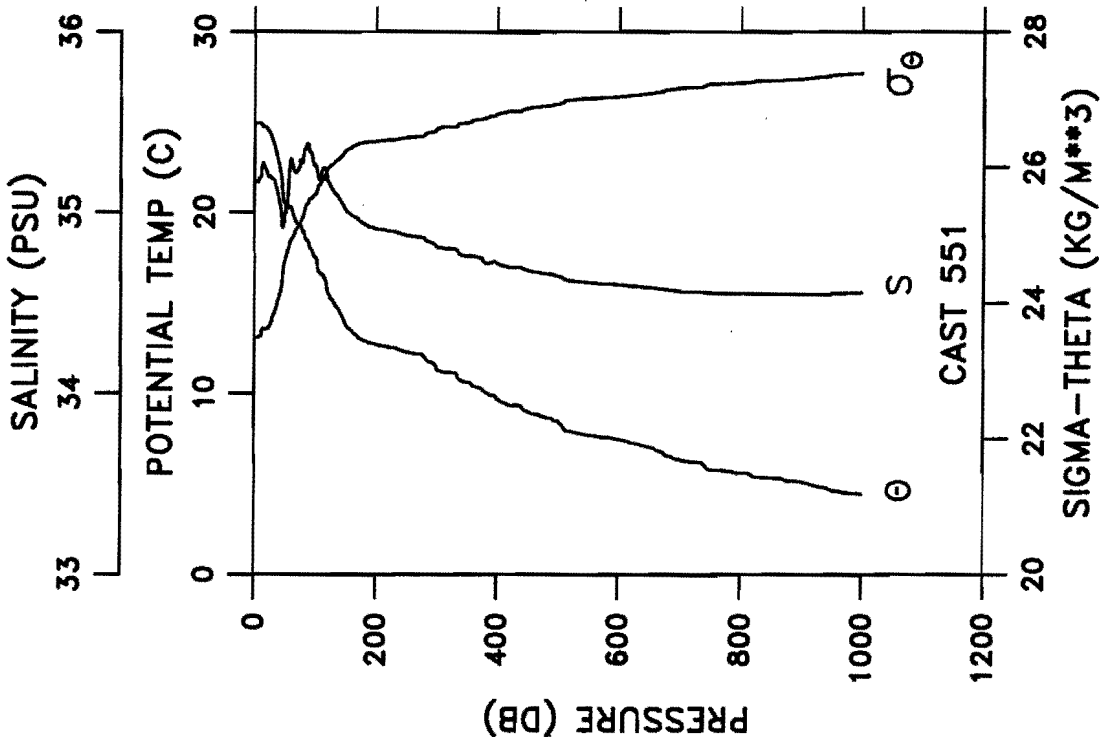
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.317	35.184	23.385	0.000
10	25.311	35.185	23.388	0.045
20	25.144	35.187	23.441	0.090
30	25.002	35.197	23.492	0.134
40	24.807	35.234	23.578	0.177
50	24.483	35.308	23.732	0.220
60	24.211	35.573	24.014	0.260
70	23.470	35.723	24.347	0.299
80	21.866	35.747	24.880	0.332
90	19.709	35.623	25.315	0.360
100	17.705	35.457	25.696	0.385
110	16.543	35.348	25.891	0.407
120	14.934	35.175	26.122	0.427
130	14.181	35.088	26.215	0.446
140	13.853	35.040	26.291	0.464
150	12.949	34.963	26.375	0.481
160	12.637	34.917	26.402	0.498
170	12.571	34.905	26.405	0.515
180	12.403	34.886	26.423	0.531
190	12.252	34.874	26.443	0.548
200	12.174	34.868	26.454	0.564
250	12.123	34.862	26.459	0.645
300	11.630	34.830	26.527	0.726
350	10.784	34.790	26.651	0.802
400	9.828	34.732	26.772	0.872
450	8.849	34.671	26.885	0.936
500	8.322	34.643	26.945	0.997
550	7.736	34.614	27.010	1.055
600	7.080	34.588	27.083	1.111
650	6.718	34.577	27.125	1.163
700	6.229	34.562	27.177	1.214
750	5.822	34.552	27.221	1.263
800	5.534	34.548	27.253	1.309
800	5.063	34.548	27.310	1.399
1000	4.457	34.554	27.383	1.481
1004	4.443	34.553	27.384	1.484

CAST GP2-96-MB-0541 DATE 23 JUN 86 TIME 1104 GMT
 LAT 00 10.9S LONG 124 20.9W WEATHER SEA STATE
 BAROMETER 10 WIND DIR 105 T SPD 08 KT VISIBILITY
 CLOUD AMOUNT DRY 25.9 WET DEPTH 4654 M



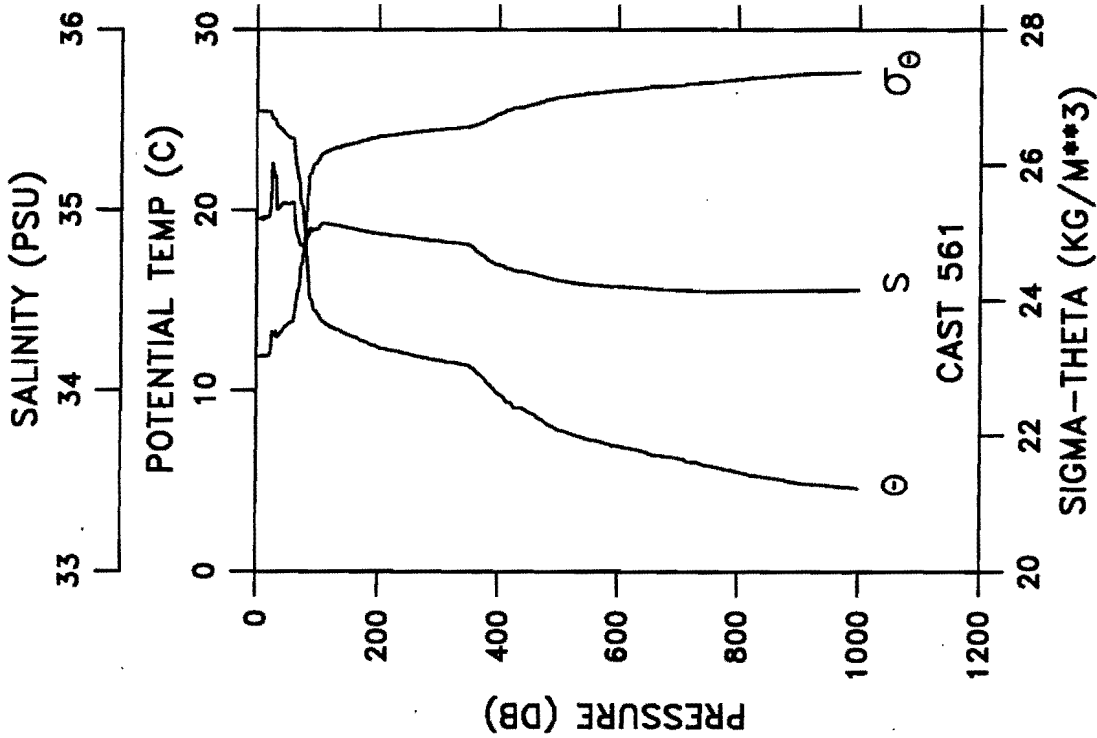
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.844	35.138	23.494	0.000
10	24.831	35.134	23.495	0.044
20	24.693	35.125	23.531	0.088
30	24.258	35.082	23.629	0.131
40	22.864	34.858	23.989	0.172
50	19.926	34.935	24.733	0.208
60	19.616	35.141	24.971	0.239
70	19.182	35.262	25.181	0.268
80	18.366	35.310	25.420	0.295
90	17.903	35.254	25.491	0.321
100	16.831	35.076	25.661	0.345
110	16.862	35.241	25.781	0.368
120	16.483	35.258	25.835	0.390
130	15.620	35.181	25.974	0.411
140	15.013	35.109	26.054	0.431
150	14.627	35.074	26.111	0.451
160	13.987	35.023	26.206	0.470
170	13.445	34.986	26.292	0.488
180	13.259	34.969	26.317	0.506
190	13.081	34.954	26.341	0.523
200	12.912	34.931	26.358	0.540
250	12.336	34.877	26.429	0.625
300	11.370	34.812	26.562	0.706
350	10.528	34.759	26.673	0.780
400	9.526	34.706	26.803	0.850
450	8.850	34.670	26.884	0.914
500	7.958	34.625	26.986	0.975
550	7.862	34.609	27.017	1.032
600	7.208	34.591	27.068	1.087
650	6.521	34.571	27.146	1.140
700	6.236	34.562	27.176	1.189
750	5.781	34.554	27.228	1.238
800	5.599	34.552	27.249	1.285
900	4.942	34.549	27.325	1.373
1000	4.412	34.558	27.391	1.455
1500	2.986	34.602	27.569	1.805
2000	2.120	34.643	27.676	2.085
2500	1.668	34.666	27.729	2.329
3000	1.452	34.675	27.753	2.560
3081	1.403	34.677	27.758	2.597

CAST GP2-96-MB-0551 DATE 24 JUN 96 TIME 0656 GMT
 LAT 00 12.0S LONG 124 22.2W WEATHER SEA STATE
 BAROMETER 12 WIND DIR 070 T SPD 08 KT VISIBILITY
 CLOUD AMOUNT DRY 26.8 WET DEPTH 4721 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.943	35.171	23.489	0.000
10	24.926	35.191	23.510	0.044
20	24.644	35.226	23.621	0.087
30	23.977	35.187	23.791	0.129
40	22.781	35.082	24.060	0.169
50	20.529	35.002	24.624	0.205
60	20.274	35.296	24.916	0.237
70	19.381	35.226	25.097	0.266
80	18.940	35.309	25.274	0.285
90	18.020	35.337	25.526	0.320
100	17.521	35.283	25.592	0.345
110	16.572	35.216	25.782	0.368
120	15.573	35.174	25.979	0.390
130	15.000	35.114	26.061	0.410
140	14.503	35.069	26.134	0.429
150	13.794	35.013	26.241	0.448
160	13.427	34.983	26.294	0.466
170	13.100	34.961	26.343	0.483
180	12.904	34.934	26.361	0.500
190	12.777	34.918	26.374	0.518
200	12.694	34.906	26.382	0.534
250	12.275	34.872	26.437	0.618
300	11.342	34.808	26.564	0.699
350	10.625	34.757	26.654	0.774
400	9.691	34.718	26.785	0.845
450	9.015	34.680	26.865	0.910
500	8.486	34.650	26.924	0.972
550	7.708	34.612	27.013	1.030
600	7.455	34.601	27.040	1.086
650	7.031	34.585	27.098	1.141
700	6.355	34.566	27.164	1.193
750	5.781	34.554	27.227	1.242
800	5.605	34.552	27.248	1.288
900	5.134	34.549	27.302	1.378
1000	4.449	34.557	27.386	1.460
1004	4.432	34.557	27.388	1.464

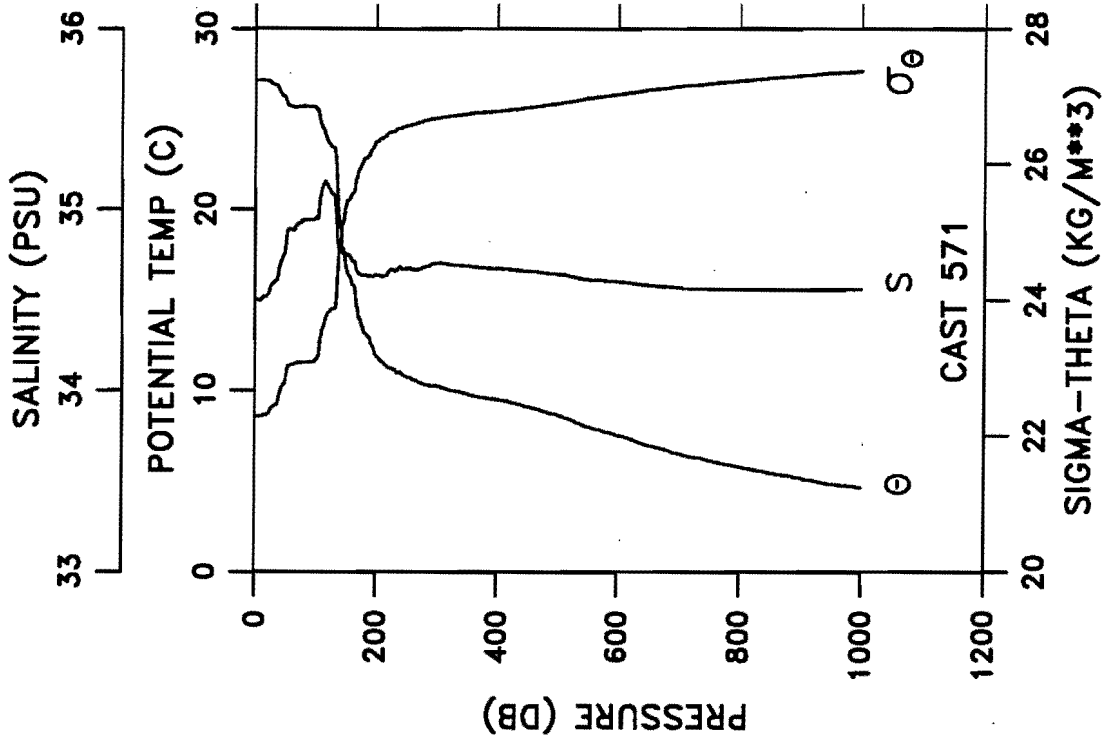
CAST GP2-96-MB-0561 DATE 25 JUN 96 TIME 0729 GMT
 LAT 01 58.1N LONG 125 04.5W WEATHER SEA STATE 1
 BAROMETER 13 WIND DIR 119 T SPD 13 KT VISIBILITY
 CLOUD AMOUNT DRY 26.2 WET DEPTH 4631 M



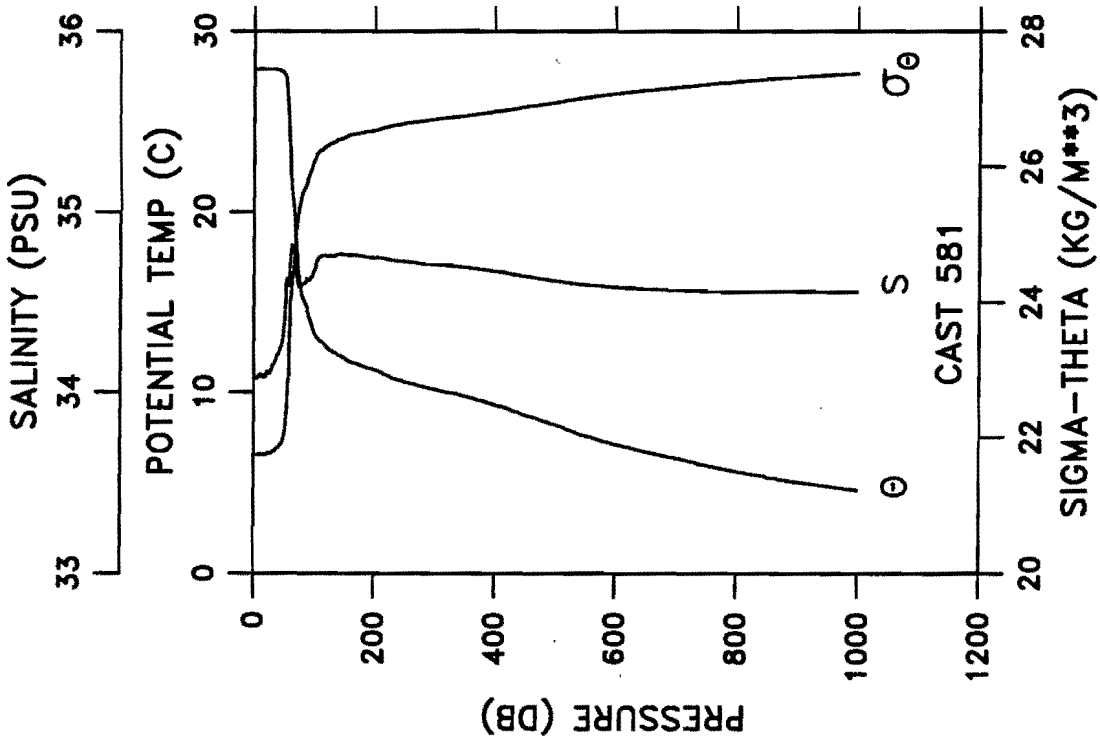
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.456	34.952	23.167	0.000
10	25.463	34.949	23.163	0.047
20	25.458	34.963	23.175	0.094
30	24.986	35.175	23.476	0.139
40	24.462	35.026	23.525	0.183
50	24.115	35.034	23.635	0.226
60	23.936	35.040	23.693	0.269
70	21.348	34.817	24.261	0.308
80	18.542	34.808	24.991	0.341
90	15.016	34.884	25.880	0.365
100	14.231	34.895	26.058	0.386
110	13.772	34.926	26.178	0.405
120	13.548	34.921	26.221	0.423
130	13.375	34.915	26.251	0.441
140	13.212	34.908	26.280	0.459
150	13.078	34.901	26.301	0.477
160	12.953	34.895	26.321	0.494
170	12.774	34.886	26.350	0.511
180	12.662	34.880	26.368	0.528
190	12.502	34.874	26.394	0.545
200	12.374	34.869	26.416	0.562
250	11.986	34.850	26.474	0.644
300	11.668	34.830	26.520	0.724
350	11.361	34.807	26.560	0.802
400	9.824	34.697	26.746	0.876
450	8.811	34.652	26.876	0.941
500	7.809	34.610	26.986	1.001
550	7.286	34.587	27.053	1.057
600	6.907	34.577	27.098	1.111
650	6.529	34.566	27.141	1.163
700	6.239	34.557	27.172	1.213
750	5.843	34.551	27.218	1.261
800	5.498	34.549	27.259	1.308
850	4.882	34.553	27.335	1.395
900	4.568	34.558	27.373	1.477
1000	4.537	34.557	27.376	1.480

CAST GP2-86-MB-0571 DATE 26 JUN 96 TIME 1106 GMT
 LAT 05 10.8N LONG 124 58.6W WEATHER SEA STATE
 BAROMETER 11 WIND DIR 165 T SPD 17 KT VISIBILITY
 CLOUD AMOUNT DRY 27.5 WET DEPTH 4410 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.165	34.505	22.294	0.000
10	27.165	34.509	22.297	0.055
20	27.131	34.531	22.325	0.111
30	26.936	34.595	22.435	0.165
40	26.567	34.678	22.615	0.219
50	26.112	34.789	22.841	0.270
60	25.700	34.890	23.045	0.319
70	25.675	34.916	23.073	0.367
80	25.710	34.941	23.081	0.415
90	25.700	34.943	23.086	0.464
100	25.586	34.950	23.126	0.512
110	24.561	35.109	23.558	0.558
120	23.748	35.130	23.816	0.600
130	23.425	35.080	23.873	0.641
140	19.233	34.776	24.792	0.678
150	16.772	34.749	25.376	0.708
160	15.871	34.718	25.561	0.733
170	14.207	34.650	25.874	0.757
180	13.166	34.640	26.081	0.777
190	12.748	34.633	26.159	0.797
200	11.897	34.638	26.328	0.815
250	10.764	34.673	26.563	0.896
300	10.250	34.702	26.677	0.969
350	9.827	34.688	26.738	1.039
400	9.510	34.673	26.779	1.107
450	9.105	34.659	26.835	1.173
500	8.665	34.644	26.892	1.237
550	8.012	34.613	26.868	1.298
600	7.511	34.600	27.032	1.355
650	6.958	34.582	27.095	1.410
700	6.515	34.569	27.145	1.462
750	6.115	34.561	27.191	1.512
800	5.780	34.556	27.230	1.560
900	5.188	34.556	27.304	1.651
1000	4.633	34.561	27.369	1.735
1002	4.619	34.561	27.370	1.736



CAST GP2-96-MB-0581 DATE 27 JUN 96 TIME 0207 GMT
 LAT 08 01.8N LONG 124 58.2W WEATHER SEA STATE
 BAROMETER 09 WIND DIR 194 T SPD 21 KT VISIBILITY
 CLOUD AMOUNT DRY 28.4 WET DEPTH 4723 M



CAST GP2-96-MB-0371 LAT 08 58.9N LONG 140 17.2W CAST GP2-96-MB-0391 LAT 04 56.1N LONG 139 50.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	27.242	34.420	27.242	22.205	1.	27.577	34.922	27.577	22.477
0.	27.244	34.420	27.244	22.205	1.	27.581	34.924	27.580	22.475
49.	26.979	34.686	26.968	22.485	51.	27.521	34.933	27.509	22.502
100.	13.713	34.627	13.699	25.951	99.	25.806	34.938	25.784	23.033
254.	10.428	34.715	10.398	26.656	251.	10.162	34.688	10.133	26.679
501.	8.177	34.590	8.125	26.932	500.	8.299	34.623	8.246	26.934
653.	6.538	34.542	6.477	27.121	651.	6.873	34.575	6.812	27.101
848.	5.190	34.546	5.119	27.291	849.	5.417	34.554	5.345	27.271
996.	4.590	34.558	4.510	27.371	999.	4.722	34.562	4.641	27.359
1000.	4.581	34.558	4.501	27.372	1000.	4.721	34.565	4.640	27.360

CAST GP2-96-MB-0381 LAT 08 00.2N LONG 140 10.0W CAST GP2-96-MB-0401 LAT 04 00.5N LONG 139 52.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	27.373	34.247	27.372	22.034	1.	26.597	34.991	26.596	22.841
51.	26.914	34.618	26.903	22.459	1.	26.599	34.991	26.599	22.839
91.	12.811	34.657	12.799	26.167	50.	26.492	35.004	26.480	22.883
150.	11.447	34.733	11.428	26.489	101.	26.013	34.989	25.990	23.042
500.	8.160	34.592	8.108	26.933	240.	11.695	34.795	11.664	26.489
648.	6.487	34.540	6.427	27.128	500.	8.789	34.640	8.735	26.870
851.	5.168	34.548	5.097	27.299	649.	6.870	34.573	6.808	27.100
1012.	4.494	34.561	4.414	27.386	849.	5.389	34.548	5.317	27.270
1012.	4.495	34.561	4.414	27.386	999.	4.627	34.559	4.547	27.366
					1000.	4.616	34.558	4.536	27.368

CAST GP2-96-MB-0411 LAT 01 00.7N LONG 139 57.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	26.397	35.026	26.397	22.931	2.	26.047	35.065	26.046	23.070
1.	26.398	35.026	26.398	22.931	1.	26.045	35.065	26.045	23.065
49.	26.260	35.033	26.250	22.978	50.	26.009	35.058	25.998	23.077
99.	23.095	34.843	23.075	23.791	100.	23.225	34.827	23.205	23.733
250.	11.552	34.797	11.520	26.518	250.	12.042	34.846	12.009	26.465
506.	8.752	34.640	8.697	26.876	500.	8.326	34.637	8.274	26.941
650.	6.609	34.564	6.549	27.129	650.	7.067	34.584	7.004	27.084
848.	5.437	34.548	5.365	27.265	850.	5.423	34.547	5.350	27.267
1008.	4.705	34.555	4.623	27.355	1000.	4.645	34.556	4.564	27.364
1002.	4.707	34.555	4.625	27.355	1000.	4.646	34.556	4.565	27.364

CAST GP2-96-MB-0411 LAT 03 01.2N LONG 139 56.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	26.329	35.014	26.329	22.943	2.	26.138	35.289	26.138	23.218
1.	26.326	35.014	26.326	22.944	101.	21.529	35.300	21.509	24.586
50.	26.270	35.008	26.258	22.957	201.	13.592	34.960	13.563	26.249
100.	22.492	34.807	22.472	23.930	401.	10.051	34.731	10.004	26.735
250.	11.741	34.821	11.709	26.501	601.	7.538	34.610	7.478	27.035
500.	8.712	34.643	8.658	26.885	800.	6.275	34.565	6.201	27.172
649.	7.092	34.579	7.029	27.074	1000.	4.907	34.556	4.825	27.334
850.	5.247	34.548	5.176	27.288	1500.	3.086	34.610	2.977	27.565
1008.	4.538	34.557	4.458	27.376	2000.	2.243	34.650	2.103	27.671
1007.	4.540	34.558	4.459	27.376	3001.	1.661	34.682	1.441	27.743

CAST GP2-96-MB-0441 LAT 00 00.8N LONG 139 56.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	26.329	35.014	26.329	22.943	2.	26.138	35.289	26.138	23.218
1.	26.326	35.014	26.326	22.944	101.	21.529	35.300	21.509	24.586
50.	26.270	35.008	26.258	22.957	201.	13.592	34.960	13.563	26.249
100.	22.492	34.807	22.472	23.930	401.	10.051	34.731	10.004	26.735
250.	11.741	34.821	11.709	26.501	601.	7.538	34.610	7.478	27.035
500.	8.712	34.643	8.658	26.885	800.	6.275	34.565	6.201	27.172
649.	7.092	34.579	7.029	27.074	1000.	4.907	34.556	4.825	27.334
850.	5.247	34.548	5.176	27.288	1500.	3.086	34.610	2.977	27.565
1008.	4.538	34.557	4.458	27.376	2000.	2.243	34.650	2.103	27.671
1007.	4.540	34.558	4.459	27.376	3001.	1.661	34.682	1.441	27.743

CAST GP2-96-MB-0421 LAT 01 59.7N LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	26.329	35.014	26.329	22.943	2.	26.138	35.289	26.138	23.218
1.	26.326	35.014	26.326	22.944	101.	21.529	35.300	21.509	24.586
50.	26.270	35.008	26.258	22.957	201.	13.592	34.960	13.563	26.249
100.	22.492	34.807	22.472	23.930	401.	10.051	34.731	10.004	26.735
250.	11.741	34.821	11.709	26.501	601.	7.538	34.610	7.478	27.035
500.	8.712	34.643	8.658	26.885	800.	6.275	34.565	6.201	27.172
649.	7.092	34.579	7.029	27.074	1000.	4.907	34.556	4.825	27.334
850.	5.247	34.548	5.176	27.288	1500.	3.086	34.610	2.977	27.565
1008.	4.538	34.557	4.458	27.376	2000.	2.243	34.650	2.103	27.671
1007.	4.540	34.558	4.459	27.376	3001.	1.661	34.682	1.441	27.743

CAST GP2-96-MB-0451 LAT 00 02.1N LONG 139 56.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	26.191	35.286	26.191	23.191	2.	27.285	35.367	27.284	22.906
1.	26.198	35.286	26.197	23.189	2.	27.283	35.370	27.282	22.909
50.	25.806	35.242	25.795	23.281	51.	27.173	35.373	27.161	22.946
100.	22.513	35.288	22.493	24.246	101.	22.010	35.983	21.990	24.962
249.	12.702	34.916	12.669	26.389	250.	12.045	34.867	12.012	26.479
650.	6.857	34.577	6.795	27.105	500.	8.659	34.663	8.605	26.910
850.	5.412	34.548	5.339	27.267	651.	7.006	34.580	6.943	27.089
998.	4.763	34.553	4.681	27.347	851.	5.334	34.548	5.262	27.279
1000.	4.763	34.554	4.681	27.347	1001.	4.409	34.555	4.330	27.389
					1000.	4.419	34.556	4.340	27.387

CAST GP2-96-MB-0471 LAT 02 00.5S LONG 139 57.1W

CAST GP2-96-MB-0461 LAT 01 59.0S LONG 139 58.5W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
3.	27.140	35.375	27.139	22.957	1.	27.615	35.254	27.614	22.712
100.	23.169	36.062	23.149	24.699	0.	27.611	35.255	27.611	22.714
201.	12.629	34.898	12.601	26.389	50.	27.588	35.253	27.576	22.720
399.	9.832	34.717	9.785	26.761	100.	25.106	36.081	25.084	24.128
601.	7.793	34.611	7.731	27.000	250.	11.476	34.853	11.444	26.574
801.	5.673	34.549	5.603	27.237	500.	7.898	34.624	7.847	26.994
1500.	2.994	34.603	2.886	27.569	650.	6.705	34.570	6.644	27.119
3001.	1.639	34.675	1.419	27.739	849.	5.305	34.535	5.233	27.270
					1005.	4.430	34.547	4.350	27.378
					1001.	4.443	34.546	4.364	27.376

CAST GP2-96-MB-0481 LAT 05 00.5S LONG 139 55.5W

CAST GP2-96-MB-0491 LAT 07 58.2S LONG 124 59.3W CAST GP2-96-MB-0511 LAT 05 01.4S LONG 124 56.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	26.712	35.096	26.712	22.887	92.	21.435	35.504	21.417	24.828
102.	23.285	35.897	23.264	24.530	500.	8.193	34.640	8.141	26.963
200.	13.131	34.942	13.103	26.325	650.	6.698	34.573	6.637	27.124
401.	9.225	34.696	9.180	26.847	849.	5.312	34.542	5.240	27.276
600.	7.313	34.595	7.254	27.059	1001.	4.469	34.548	4.389	27.375
799.	5.527	34.538	5.459	27.249	1001.	4.465	34.548	4.385	27.376
990.	4.499	34.542	4.420	27.370					
1498.	2.959	34.598	2.852	27.570					
3001.	1.738	34.677	1.515	27.735					

CAST GP2-96-MB-0501 LAT 07 59.1S LONG 125 01.1W CAST GP2-96-MB-0521 LAT 01 58.6S LONG 124 55.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
5.	26.686	35.084	26.685	22.882	1.	25.553	35.300	25.553	23.400
1.	26.690	35.084	26.690	22.881	1.	25.557	35.299	25.556	23.399
50.	26.698	35.090	26.687	22.883	50.	25.226	35.318	25.216	23.513
99.	24.543	35.761	24.522	24.059	100.	17.543	35.262	17.526	25.582
500.	8.169	34.666	8.117	26.959	250.	11.905	34.853	11.873	26.495
650.	6.586	34.564	6.526	27.130	500.	7.899	34.618	7.848	26.991
850.	5.108	34.536	5.037	27.293	651.	6.885	34.576	6.823	27.100
1002.	4.377	34.543	4.298	27.381	851.	5.395	34.548	5.323	27.270
1001.	4.380	34.544	4.301	27.380	1000.	4.628	34.556	4.548	27.364
					1000.	4.629	34.556	4.548	27.364

CAST GP2-96-MB-0531 LAT 00 59.5S LONG 124 37.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	25.303	35.190	25.303	23.396
1.	25.300	35.190	25.300	23.396
50.	24.323	35.371	24.312	23.836
100.	18.128	35.467	18.111	25.596
250.	12.156	34.861	12.123	26.454
500.	8.357	34.641	8.304	26.938
652.	6.740	34.575	6.679	27.121
851.	5.403	34.546	5.330	27.267
1002.	4.533	34.553	4.453	27.374
1000.	4.537	34.555	4.457	27.374

CAST GP2-96-MB-0551 LAT 00 12.0S LONG 124 22.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	24.901	35.199	24.901	23.524
2.	24.898	35.199	24.897	23.525
50.	20.344	34.967	20.334	24.636
101.	17.465	35.231	17.448	25.588
250.	12.319	34.870	12.286	26.429
500.	8.384	34.636	8.332	26.934
651.	7.046	34.583	6.983	27.084
851.	5.414	34.550	5.341	27.269
1001.	4.525	34.558	4.445	27.377
999.	4.531	34.557	4.451	27.377

CAST GP2-96-MB-0541 LAT 00 10.9S LONG 124 20.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	24.767	35.148	24.767	23.527
97.	17.532	35.198	17.516	25.529
201.	12.967	34.935	12.939	26.351
400.	9.604	34.706	9.558	26.791
601.	7.162	34.588	7.104	27.073
801.	5.651	34.552	5.582	27.243
1000.	4.516	34.558	4.436	27.380
1500.	2.973	34.606	2.865	27.573
2001.	2.257	34.643	2.117	27.665
3000.	1.673	34.675	1.452	27.736

CAST GP2-96-MB-0561 LAT 01 59.1N LONG 125 04.5W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
2.	25.449	34.974	25.449	23.185
1.	25.449	34.974	25.449	23.185
50.	24.174	35.037	24.164	23.617
100.	14.197	34.889	14.183	26.062
250.	12.031	34.849	11.998	26.467
501.	7.831	34.605	7.780	26.990
650.	6.551	34.564	6.491	27.137
821.	5.371	34.551	5.301	27.276
1001.	4.641	34.557	4.560	27.365
1001.	4.643	34.558	4.562	27.364

CAST GP2-96-MB-0571 LAT 05 10.8N LONG 124 58.6W

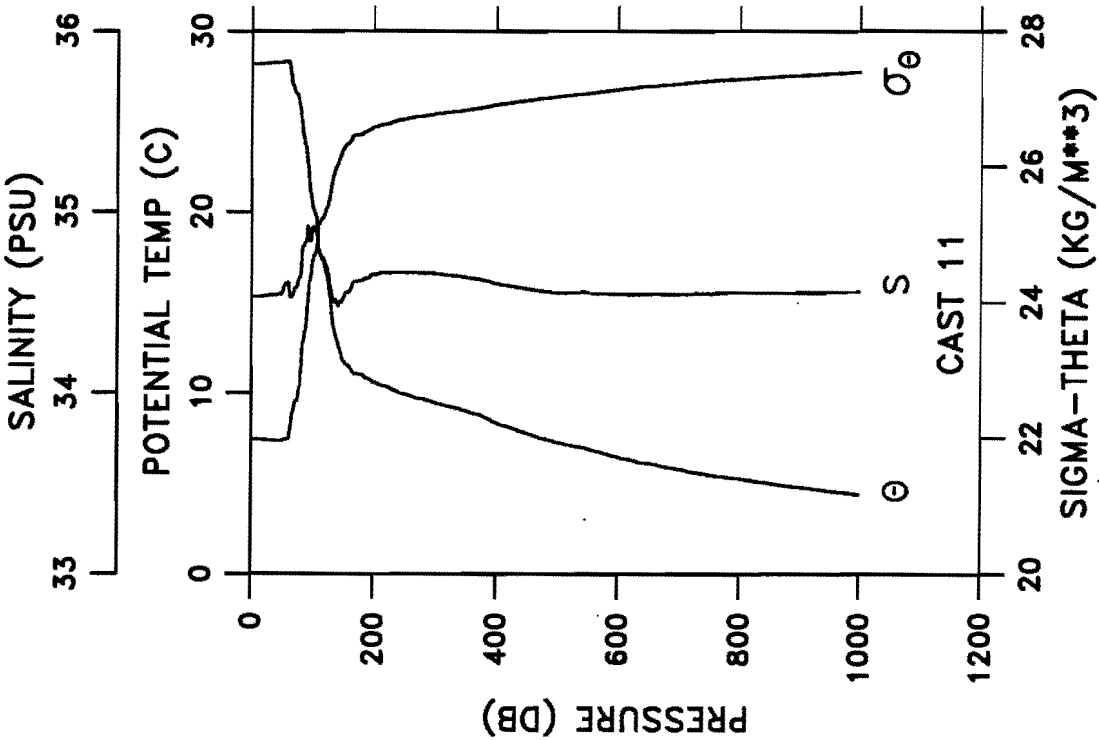
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	27.181	34.508	27.181	22.290
1.	27.179	34.509	27.179	22.290
50.	25.805	34.863	25.794	23.001
100.	25.555	34.962	25.533	23.138
251.	10.714	34.665	10.683	26.567
500.	8.659	34.640	8.606	26.891
650.	7.003	34.580	6.941	27.088
851.	5.483	34.555	5.410	27.265
1000.	4.714	34.563	4.632	27.359
1001.	4.713	34.562	4.632	27.360

CAST GP2-96-MB-0581 LAT 08 01.8N LONG 124 58.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
1.	27.875	34.097	27.875	21.759
1.	27.882	34.097	27.882	21.757
51.	27.715	34.332	27.703	21.967
101.	13.125	34.688	13.111	26.125
300.	10.242	34.705	10.206	26.682
501.	8.206	34.613	8.154	26.941
650.	6.751	34.571	6.690	27.116
850.	5.486	34.556	5.413	27.266
1001.	4.667	34.557	4.586	27.363
1001.	4.668	34.558	4.587	27.363

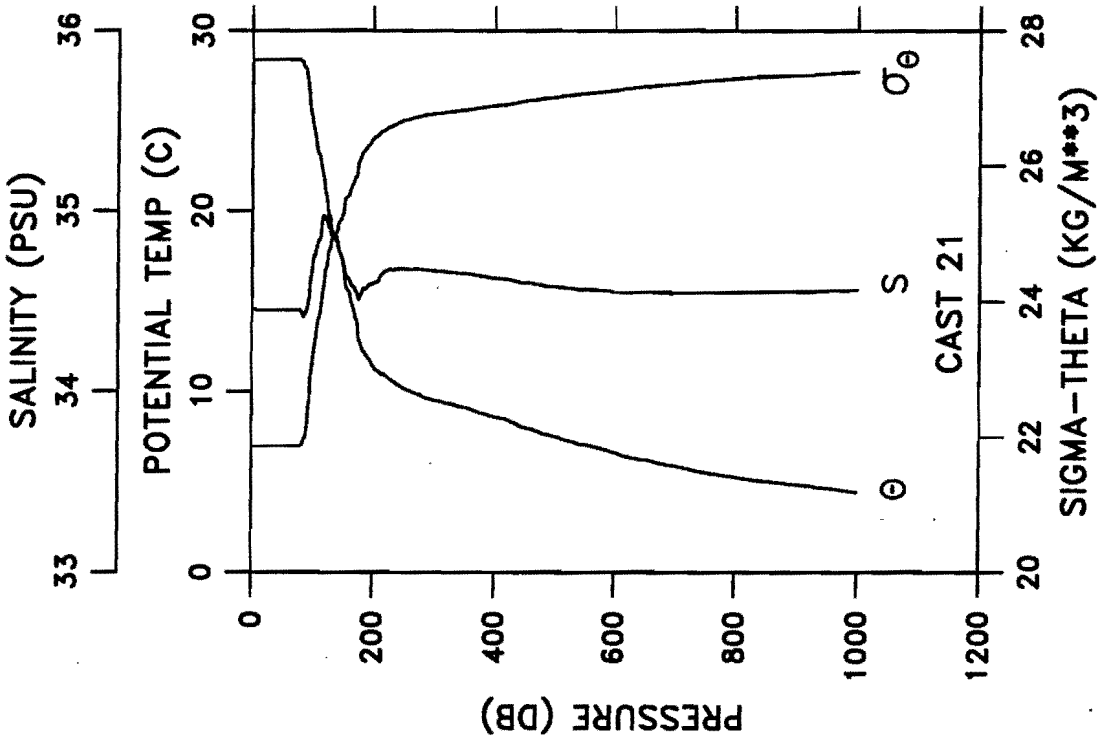
GP3-96-KA
June 19-July 16, 1996
CTD and Hydrographic Data Summary

CAST GP3-96-KA-0011 DATE 26 JUN 96 TIME 0011 GMT
 LAT 08 00.5N LONG 179 56.0W WEATHER 1 SEA STATE 1
 BAROMETER 13 WIND DIR 100 T SPD 16 KT VISIBILITY 4
 CLOUD 6 AMOUNT 2 DRY 28.6 WET DEPTH 5800 M



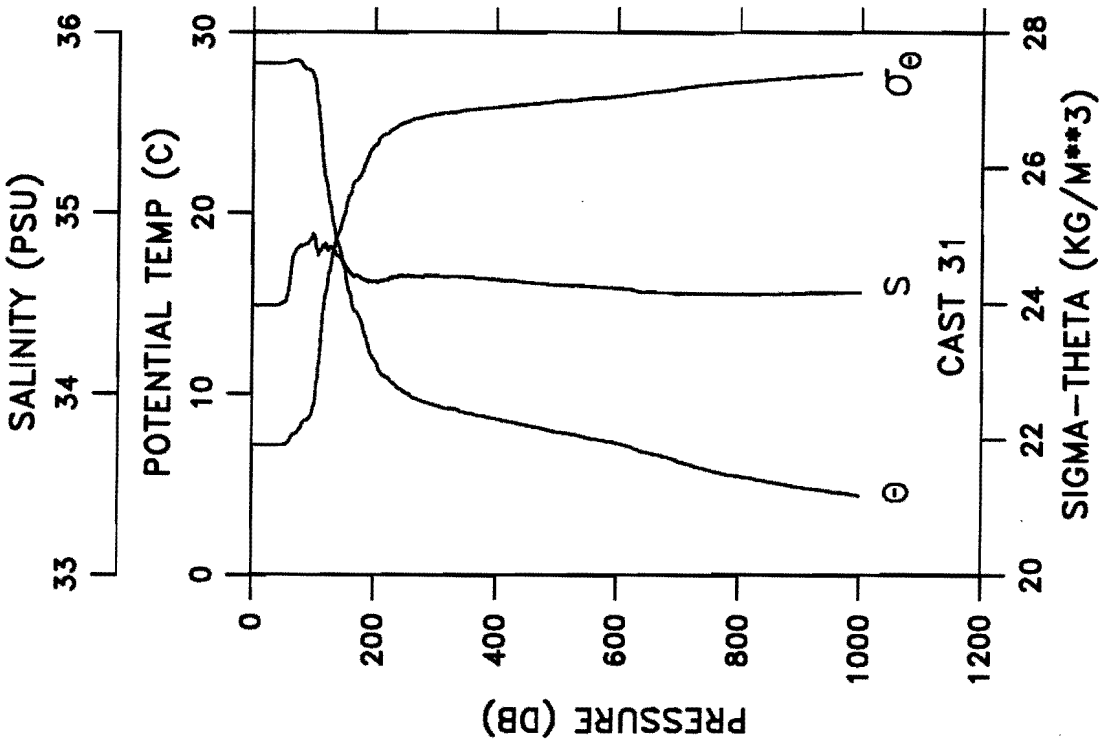
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.176	34.533	21.988	0.000
10	28.177	34.531	21.986	0.058
20	28.204	34.535	21.980	0.117
30	28.231	34.539	21.975	0.175
40	28.258	34.543	21.969	0.234
50	28.285	34.547	21.963	0.292
60	28.334	34.611	21.995	0.351
70	26.717	34.571	22.486	0.407
80	25.706	34.641	22.855	0.459
90	23.464	34.836	23.676	0.505
100	20.335	34.908	24.604	0.542
110	18.030	34.802	25.114	0.574
120	16.977	34.721	25.306	0.602
130	14.827	34.568	25.678	0.628
140	12.901	34.496	26.023	0.649
150	11.809	34.518	26.251	0.668
160	11.461	34.557	26.346	0.686
170	11.068	34.614	26.463	0.702
180	11.018	34.622	26.478	0.718
190	10.778	34.636	26.533	0.733
200	10.593	34.656	26.581	0.749
250	9.952	34.666	26.700	0.821
300	9.442	34.659	26.779	0.888
350	9.013	34.638	26.833	0.954
400	8.346	34.604	26.911	1.016
450	7.763	34.574	26.975	1.075
500	7.269	34.554	27.030	1.132
550	6.926	34.556	27.079	1.186
600	6.449	34.547	27.137	1.238
650	6.085	34.546	27.182	1.287
700	5.784	34.544	27.220	1.335
750	5.448	34.548	27.264	1.380
800	5.263	34.551	27.289	1.425
900	4.785	34.554	27.346	1.510
1000	4.397	34.560	27.394	1.590
1004	4.387	34.562	27.396	1.593

CAST GP3-96-KA-0021 DATE 26 JUN 96 TIME 0805 GMT
 LAT 07 00.4N LONG 179 58.9W WEATHER 9 SEA STATE 1
 BAROMETER 13 WIND DIR 100 T SPD 16 KT VISIBILITY 4
 CLOUD 0 AMOUNT DRY 28.6 WET DEPTH M



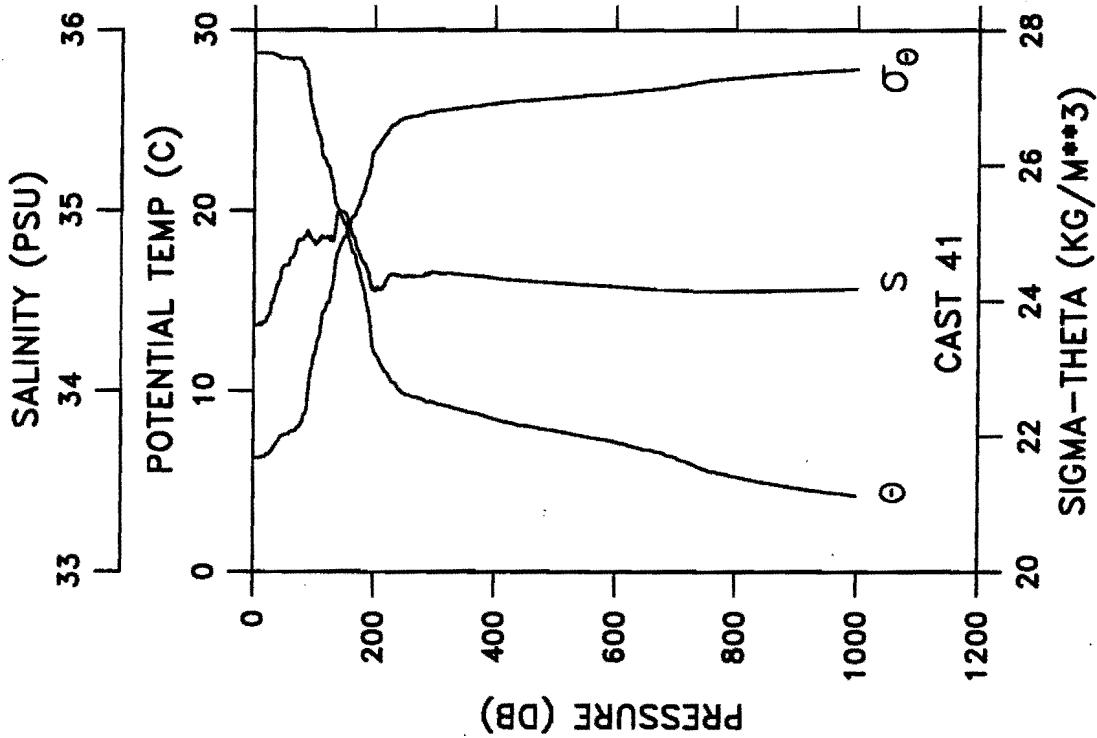
PRES (DB)	POT TEMP (C)	SAL (PSU)	SGK-TH	DELTA-D (DYN-M)
0	28.382	34.459	21.864	0.000
10	28.372	34.452	21.863	0.059
20	28.370	34.452	21.864	0.119
30	28.373	34.452	21.863	0.178
40	28.370	34.453	21.864	0.238
50	28.369	34.453	21.865	0.298
60	28.371	34.453	21.864	0.357
70	28.370	34.453	21.864	0.417
80	28.301	34.443	21.879	0.477
90	27.516	34.459	22.147	0.536
100	24.881	34.720	23.167	0.588
110	23.162	34.839	23.766	0.632
120	21.253	34.953	24.390	0.671
130	19.242	34.870	24.861	0.704
140	18.440	34.826	25.031	0.735
150	17.020	34.718	25.284	0.763
160	15.504	34.618	25.567	0.788
170	14.108	34.560	25.825	0.811
180	12.490	34.541	26.138	0.832
190	11.914	34.582	26.282	0.850
200	11.406	34.604	26.394	0.868
250	10.178	34.680	26.672	0.944
300	9.534	34.670	26.773	1.013
350	9.142	34.654	26.825	1.078
400	8.616	34.630	26.890	1.141
450	8.041	34.601	26.955	1.201
500	7.531	34.582	27.015	1.259
550	7.068	34.568	27.069	1.314
600	6.637	34.552	27.116	1.366
650	6.221	34.553	27.171	1.417
700	5.904	34.547	27.207	1.465
750	5.536	34.550	27.255	1.511
800	5.272	34.553	27.289	1.556
900	4.861	34.554	27.338	1.641
1000	4.427	34.562	27.393	1.722
1034	4.322	34.584	27.405	1.749

CAST GP3-86-KA-0031 DATE 26 JUN 86 TIME 1455 GMT
 LAT 06 00.3N LONG 179 58.7W WEATHER 9 SEA STATE 1
 BAROMETER 12 WIND DIR 131 T SPD 05 KT VISIBILITY 4
 CLOUD 9 AMOUNT DRY 27.9 WET DEPTH 5400 M



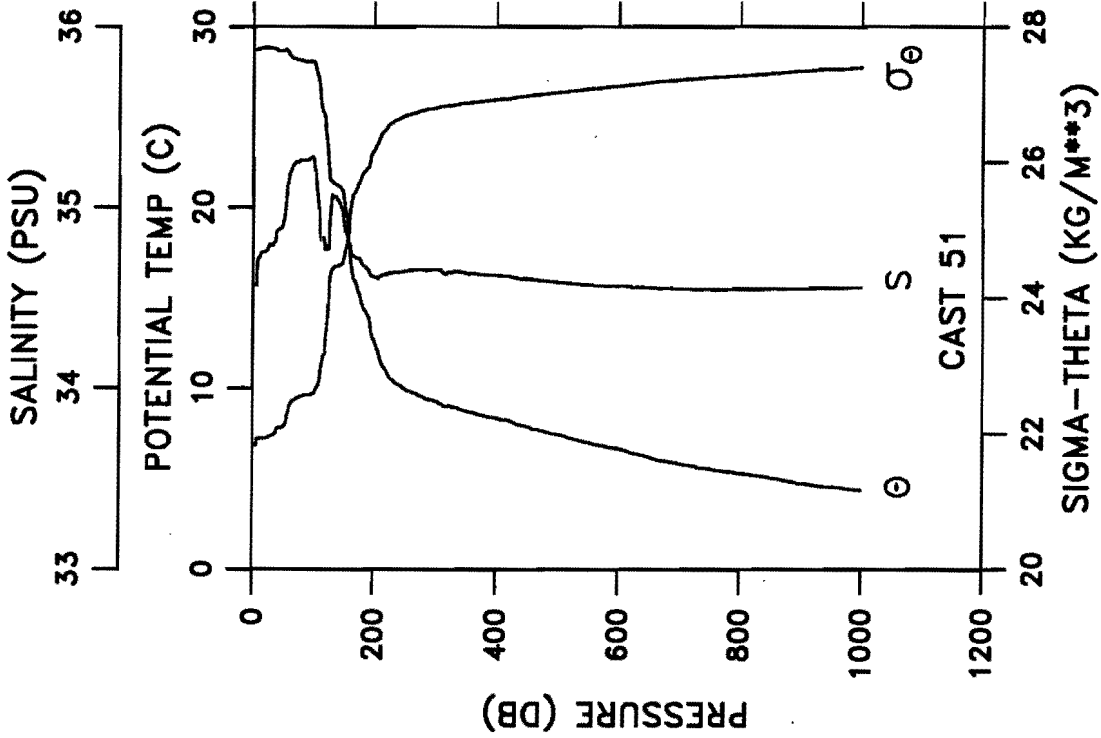
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.295	34.492	21.918	0.000
10	28.294	34.488	21.915	0.059
20	28.293	34.488	21.916	0.118
30	28.294	34.489	21.916	0.177
40	28.296	34.490	21.917	0.236
50	28.309	34.502	21.921	0.295
60	28.355	34.573	21.959	0.354
70	28.447	34.778	22.083	0.412
80	28.269	34.821	22.174	0.470
90	27.947	34.829	22.286	0.526
100	27.504	34.885	22.471	0.581
110	25.074	34.784	23.157	0.632
120	21.817	34.831	24.142	0.674
130	19.828	34.806	24.680	0.710
140	18.297	34.765	25.019	0.742
150	17.035	34.722	25.294	0.770
160	15.546	34.671	25.598	0.796
170	14.525	34.654	25.809	0.819
180	13.866	34.634	25.933	0.841
190	12.647	34.617	26.166	0.860
200	11.868	34.622	26.321	0.878
250	10.089	34.651	26.663	0.956
300	9.378	34.651	26.784	1.024
350	8.953	34.645	26.848	1.089
400	8.622	34.632	26.890	1.151
450	8.266	34.616	26.933	1.212
500	7.888	34.602	26.978	1.271
550	7.576	34.594	27.017	1.329
600	7.281	34.585	27.052	1.384
650	6.753	34.585	27.110	1.438
700	6.283	34.556	27.165	1.490
750	5.797	34.554	27.226	1.538
800	5.469	34.553	27.266	1.584
900	4.854	34.557	27.341	1.670
1000	4.389	34.565	27.399	1.751
1003	4.387	34.563	27.398	1.753

CAST GP3-96-KA-0041 DATE 27 JUN 96 TIME 1010 GMT
 LAT 04 58.7N LONG 179 51.4W WEATHER 6 SEA STATE 4
 BAROMETER 15 WIND DIR 202 T SPD 11 KT VISIBILITY 4
 CLOUD 9 AMOUNT DRY 25.7 WET 23.9 DEPTH 5685 M



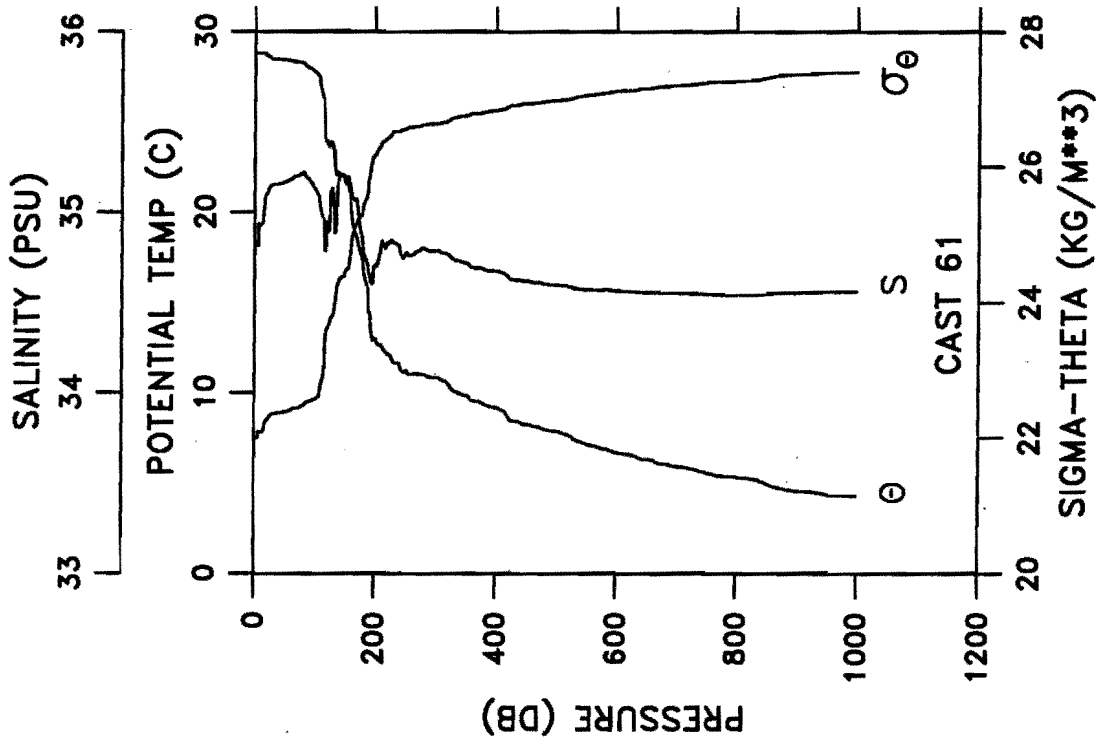
PRES (DB)	POT TEMP (C)	SAL (PSU)	SKG-TH	DELTA-D (DYN-M)
0	28.738	34.366	21.678	0.000
10	28.724	34.374	21.688	0.061
20	28.710	34.394	21.708	0.122
30	28.688	34.490	21.794	0.183
40	28.535	34.602	21.922	0.243
50	28.444	34.694	22.022	0.301
60	28.410	34.735	22.063	0.359
70	28.457	34.803	22.099	0.417
80	28.184	34.837	22.214	0.474
90	26.876	34.871	22.682	0.529
100	25.042	34.826	23.199	0.578
110	23.847	34.849	23.574	0.623
120	22.571	34.852	23.946	0.665
130	21.568	34.839	24.217	0.704
140	20.037	34.993	24.748	0.738
150	19.300	34.986	24.935	0.769
160	18.104	34.896	25.168	0.799
170	17.064	34.794	25.342	0.827
180	15.890	34.720	25.558	0.852
190	14.402	34.655	25.836	0.876
200	12.122	34.555	26.221	0.896
250	9.849	34.633	26.691	0.975
300	9.367	34.658	26.791	1.042
350	8.894	34.642	26.855	1.106
400	8.443	34.625	26.913	1.168
450	8.084	34.611	26.956	1.228
500	7.805	34.599	26.988	1.286
550	7.477	34.589	27.028	1.343
600	7.170	34.579	27.084	1.398
650	6.744	34.566	27.113	1.451
700	6.356	34.560	27.159	1.503
750	5.860	34.553	27.242	1.551
800	5.279	34.552	27.287	1.596
900	4.648	34.558	27.385	1.679
1000	4.201	34.569	27.422	1.757
1004	4.172	34.568	27.424	1.760

CAST GP3-96-KA-0051 DATE 27 JUN 96 TIME 1704 GMT
 LAT 04 00.1N LONG 179 59.7W WEATHER 9 SEA STATE 4
 BAROMETER 13 WIND DIR 350 T SPD 04 KT VISIBILITY 4
 CLOUD 9 AMOUNT 1 DRY 26.8 WET DEPTH 5700 M



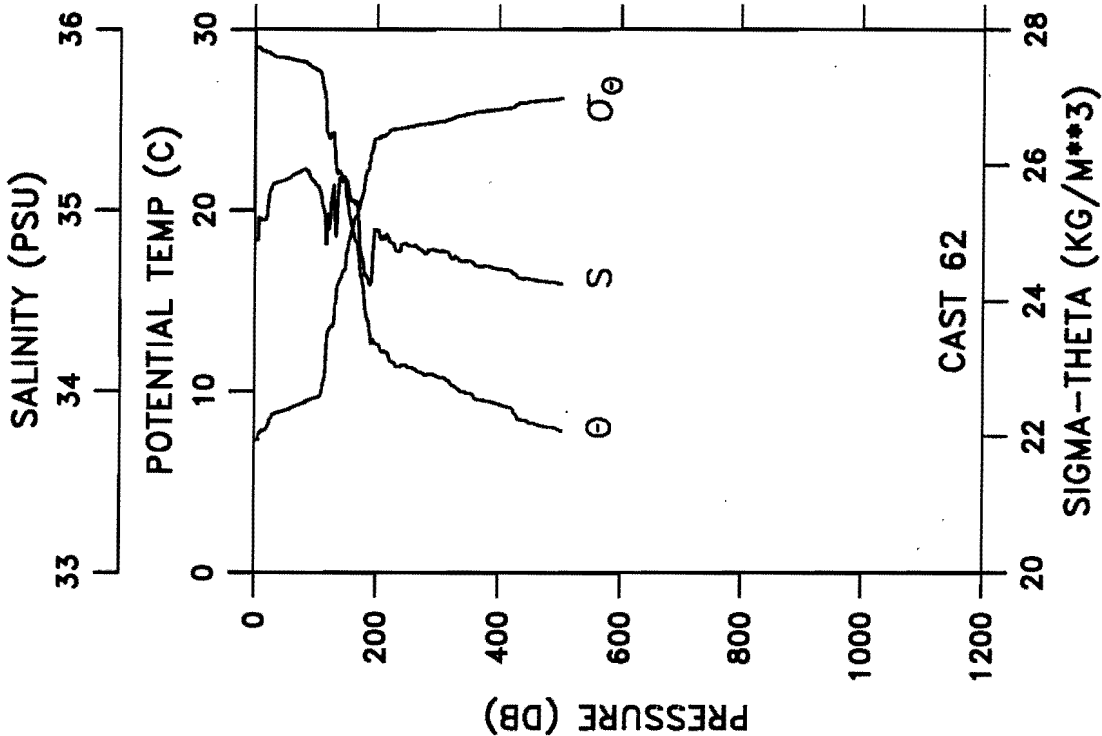
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.729	34.574	21.837	0.000
10	28.795	34.723	21.927	0.059
20	28.847	34.757	21.935	0.118
30	28.821	34.792	21.970	0.177
40	28.683	34.868	22.073	0.235
50	28.691	34.905	22.098	0.293
60	28.456	35.157	22.365	0.349
70	28.233	35.245	22.505	0.403
80	28.144	35.284	22.548	0.457
90	28.078	35.262	22.568	0.510
100	28.043	35.278	22.592	0.563
110	26.741	34.967	22.778	0.615
120	24.311	34.766	23.374	0.664
130	21.470	35.036	24.394	0.704
140	21.216	35.043	24.469	0.739
150	20.563	34.930	24.560	0.774
160	17.680	34.801	25.199	0.806
170	15.839	34.721	25.571	0.832
180	14.674	34.691	25.806	0.855
190	14.015	34.657	25.920	0.877
200	12.677	34.615	26.159	0.897
250	9.985	34.647	26.679	0.976
300	9.308	34.656	26.799	1.043
350	8.754	34.638	26.874	1.107
400	8.362	34.625	26.925	1.167
450	7.893	34.606	26.980	1.226
500	7.451	34.588	27.031	1.283
550	7.013	34.574	27.082	1.337
600	6.683	34.569	27.123	1.389
650	6.224	34.559	27.175	1.439
700	5.843	34.552	27.219	1.487
750	5.567	34.549	27.250	1.533
800	5.317	34.550	27.281	1.578
900	4.763	34.552	27.348	1.664
1000	4.368	34.560	27.397	1.744
1003	4.360	34.560	27.398	1.746

CAST GP3-96-KA-0061 DATE 28 JUN 96 TIME 1238 GMT
 LAT 02 00.2N LONG 179 53.1W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 090 T SPD 05 KT VISIBILITY 4
 CLOUD 9 AMOUNT DRY 27.8 WET 23.9 DEPTH 5313 M



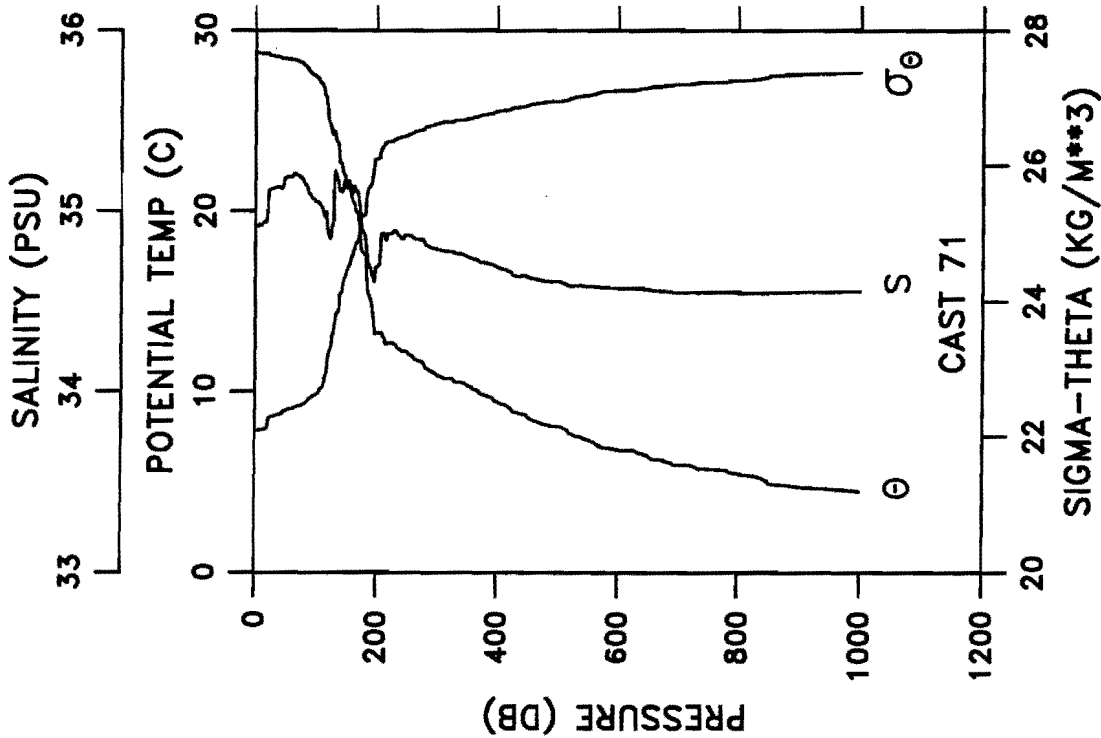
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.789	34.816	21.999	0.000
10	28.792	34.931	22.084	0.058
20	28.675	35.099	22.249	0.115
30	28.485	35.148	22.349	0.170
40	28.452	35.156	22.365	0.225
50	28.428	35.165	22.390	0.280
60	28.384	35.179	22.405	0.334
70	28.322	35.199	22.441	0.389
80	28.264	35.219	22.475	0.443
90	27.997	35.181	22.534	0.496
100	27.788	35.132	22.571	0.550
110	26.887	35.015	22.767	0.602
120	23.976	34.947	23.610	0.650
130	23.710	35.108	23.810	0.693
140	22.169	35.181	24.310	0.732
150	21.806	35.201	24.426	0.768
160	20.344	35.124	24.766	0.802
170	18.605	35.069	25.175	0.832
180	17.237	34.824	25.324	0.860
190	14.622	34.657	25.790	0.885
200	12.986	34.698	26.163	0.905
250	11.186	34.763	26.557	0.988
300	10.857	34.784	26.634	1.062
350	9.868	34.719	26.755	1.133
400	9.192	34.673	26.832	1.198
450	8.256	34.618	26.936	1.261
500	7.875	34.587	26.976	1.320
550	7.188	34.572	27.058	1.376
600	6.887	34.566	27.120	1.429
650	6.310	34.555	27.161	1.480
700	5.931	34.551	27.207	1.528
750	5.601	34.546	27.244	1.575
800	5.355	34.542	27.271	1.620
850	4.588	34.554	27.371	1.705
900	4.289	34.561	27.405	1.783
1000	3.106	34.597	27.554	2.138
2000	2.141	34.638	27.670	2.422
2500	1.653	34.664	27.729	2.665
3000	1.440	34.673	27.752	2.896
3500	1.265	34.683	27.772	3.121
4000	1.094	34.693	27.792	3.341
4500	0.873	34.704	27.816	3.552
5000	0.843	34.706	27.820	3.759
5102	0.840	34.706	27.819	3.802

CAST GP3-96-KA-0062 DATE 29 JUN 96 TIME 0149 GMT
 LAT 02 00.9N LONG 179 48.6W WEATHER 1 SEA STATE 1
 BAROMETER 12 WIND DIR 350 T SPD 00 KT VISIBILITY 8
 CLOUD 5 AMOUNT 8 DRY 29.8 WET 25.4 DEPTH 5442 M



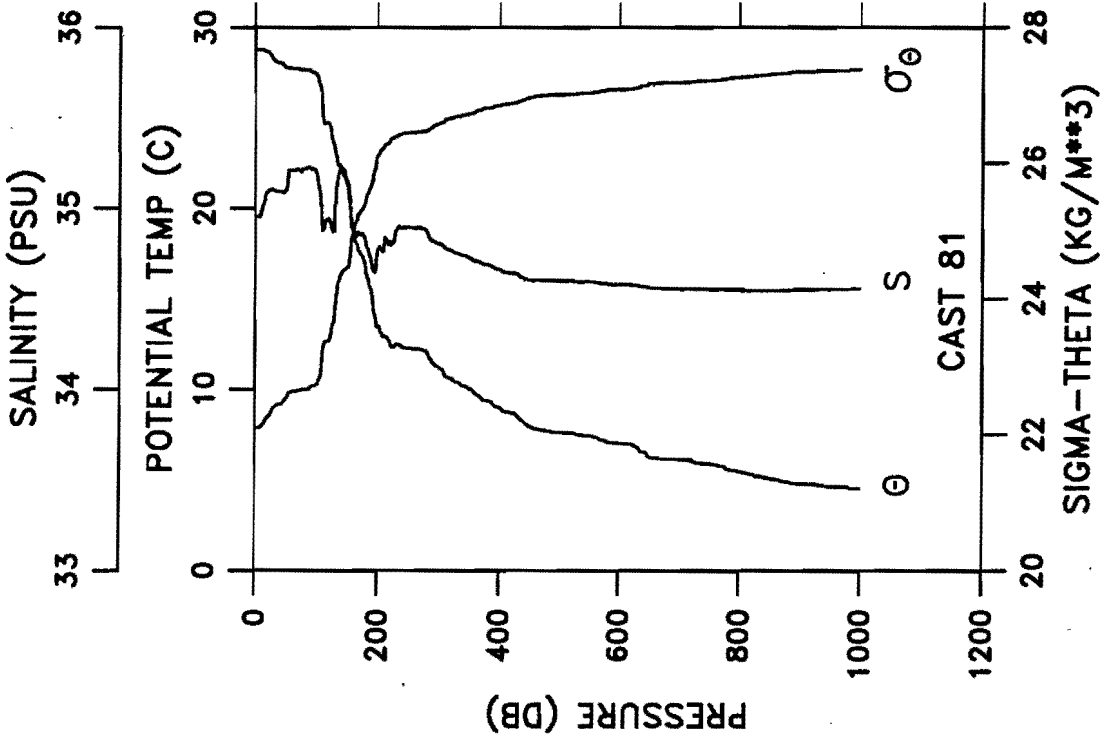
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.986	34.839	21.946	0.000
10	28.925	34.953	22.056	0.058
20	28.757	34.972	22.127	0.116
30	28.532	35.145	22.331	0.172
40	28.470	35.156	22.360	0.226
50	28.423	35.167	22.384	0.281
60	28.355	35.192	22.425	0.336
70	28.272	35.208	22.464	0.390
80	28.219	35.224	22.494	0.444
90	27.966	35.184	22.546	0.497
100	27.790	35.141	22.572	0.551
110	27.219	35.051	22.688	0.604
120	24.301	34.979	23.538	0.652
130	23.944	35.057	23.703	0.696
140	22.097	35.181	24.330	0.734
150	20.780	35.162	24.679	0.769
160	19.045	35.056	25.054	0.801
170	17.622	34.929	25.311	0.829
180	14.787	34.640	25.739	0.854
190	12.662	34.603	26.153	0.875
200	12.609	34.890	26.386	0.893
250	11.380	34.811	26.559	0.972
300	10.789	34.775	26.639	1.047
350	9.877	34.720	26.755	1.118
400	9.280	34.675	26.818	1.184
450	8.252	34.620	26.938	1.247
500	7.833	34.595	26.981	1.306
503	7.800	34.593	26.984	1.310

CAST GP3-96-KA-0071 DATE 29 JUN 96 TIME 0600 GMT
 LAT 01 30.0N LONG 179 52.1W WEATHER 1 SEA STATE 1
 BAROMETER 12 WIND DIR 059 T SPD 05 KT VISIBILITY 8
 CLOUD 1 AMOUNT 8 DRY 28.8 WET DEPTH 5545 M



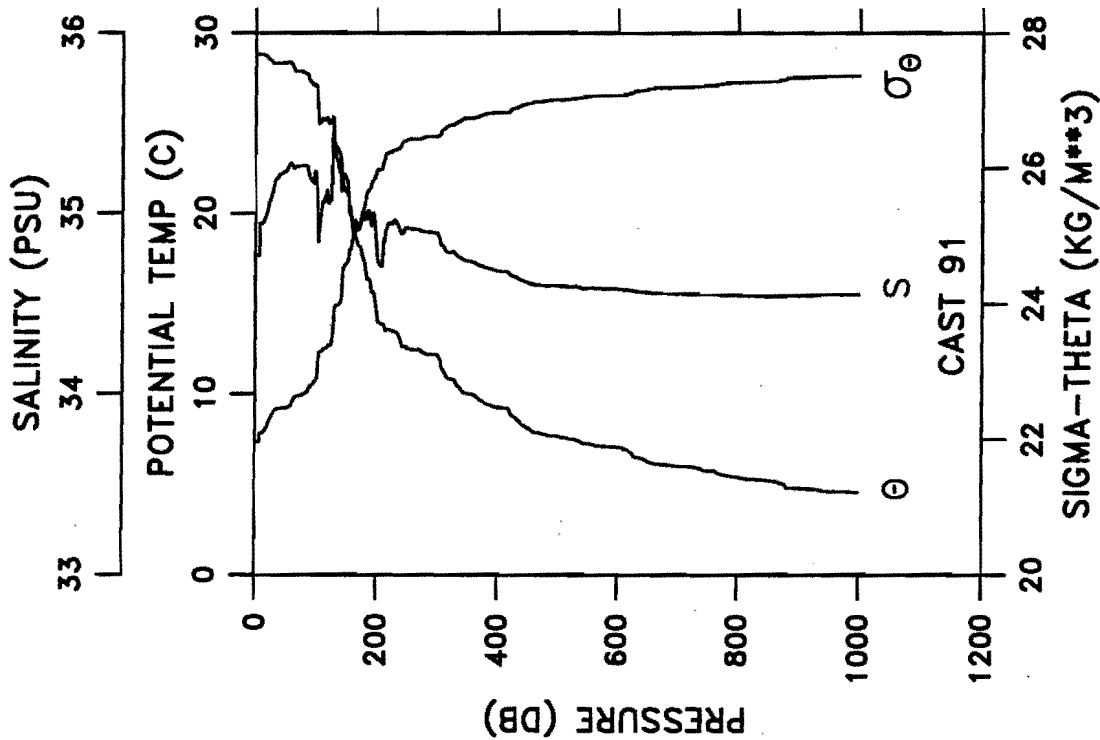
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.744	34.916	22.088	0.000
10	28.715	34.920	22.102	0.057
20	28.741	34.980	22.138	0.114
30	28.566	35.126	22.305	0.170
40	28.500	35.131	22.331	0.225
50	28.448	35.183	22.387	0.280
60	28.384	35.186	22.411	0.335
70	28.282	35.197	22.453	0.389
80	28.092	35.161	22.488	0.443
90	27.685	35.091	22.568	0.496
100	27.404	35.050	22.628	0.549
110	27.004	35.017	22.732	0.601
120	25.128	34.873	23.208	0.651
130	24.427	35.184	23.655	0.697
140	22.654	35.115	24.122	0.737
150	21.558	35.126	24.438	0.775
160	20.609	35.092	24.671	0.809
170	19.512	35.063	24.939	0.841
180	17.602	34.870	25.271	0.869
190	15.086	34.678	25.706	0.894
200	13.261	34.691	26.101	0.915
250	12.210	34.866	26.445	1.002
300	10.912	34.788	26.627	1.080
350	10.373	34.748	26.691	1.153
400	9.449	34.888	26.802	1.221
450	8.647	34.634	26.888	1.285
500	8.079	34.611	26.957	1.346
550	7.334	34.584	27.044	1.403
600	6.770	34.573	27.114	1.456
650	6.468	34.566	27.149	1.507
700	5.942	34.549	27.204	1.556
750	5.713	34.550	27.233	1.603
800	5.464	34.547	27.261	1.649
900	4.732	34.551	27.350	1.735
1000	4.473	34.557	27.383	1.816
1001	4.480	34.556	27.382	1.817

CAS 81-96-KA-0081 DATE 29 JUN 96 TIME 0946 GMT
 LAT 00 59.9N LONG 179 52.6W WEATHER 1 SEA STATE 1
 BAROMETER 14 WIND DIR 033 T SPD 05 KT VISIBILITY 4
 CLOUD 9 AMOUNT DRY 28.4 WET DEPTH 5760 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.783	34.957	22.107	0.000
10	28.781	34.973	22.118	0.057
20	28.650	35.090	22.250	0.114
30	28.231	35.102	22.398	0.169
40	28.052	35.092	22.449	0.223
50	27.804	35.096	22.533	0.277
60	27.749	35.210	22.636	0.329
70	27.732	35.217	22.648	0.382
80	27.673	35.218	22.667	0.434
90	27.589	35.222	22.698	0.486
100	27.402	35.199	22.741	0.538
110	25.222	34.878	23.163	0.588
120	24.738	34.944	23.380	0.634
130	23.377	34.997	23.824	0.678
140	22.163	35.231	24.349	0.716
150	21.544	35.143	24.455	0.752
160	18.977	34.887	24.942	0.785
170	17.637	34.860	25.254	0.814
180	16.889	34.828	25.410	0.841
190	15.308	34.701	25.674	0.866
200	13.492	34.772	26.117	0.887
250	12.293	34.895	26.452	0.974
300	11.229	34.806	26.583	1.054
350	10.056	34.729	26.731	1.126
400	9.006	34.662	26.853	1.192
450	7.961	34.605	26.970	1.253
500	7.614	34.599	27.016	1.310
550	7.419	34.596	27.042	1.366
600	6.997	34.579	27.088	1.420
650	6.268	34.564	27.174	1.472
700	6.101	34.555	27.168	1.521
750	5.865	34.551	27.215	1.569
800	5.441	34.548	27.265	1.615
900	4.778	34.549	27.343	1.702
1000	4.508	34.556	27.379	1.783
1012	4.459	34.557	27.385	1.792

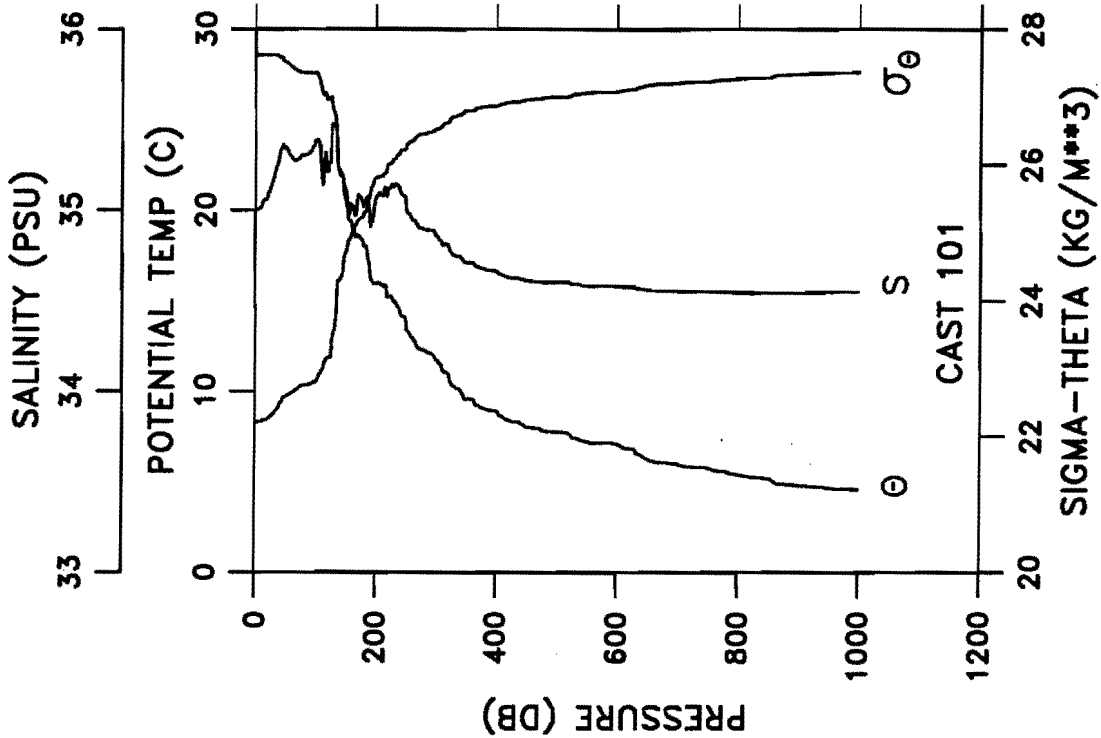
CAST 91-96-KA-0091 DATE 29 JUN 96 TIME 0137 GMT
 LAT 00 30.1N LONG 178 53.6W WEATHER 1 SEA STATE 1
 BAROMETER 12 WIND DIR 070 T SPD 07 KT VISIBILITY 4
 CLOUD 9 AMOUNT DRY 27.9 WET 24.3 DEPTH 5673 M



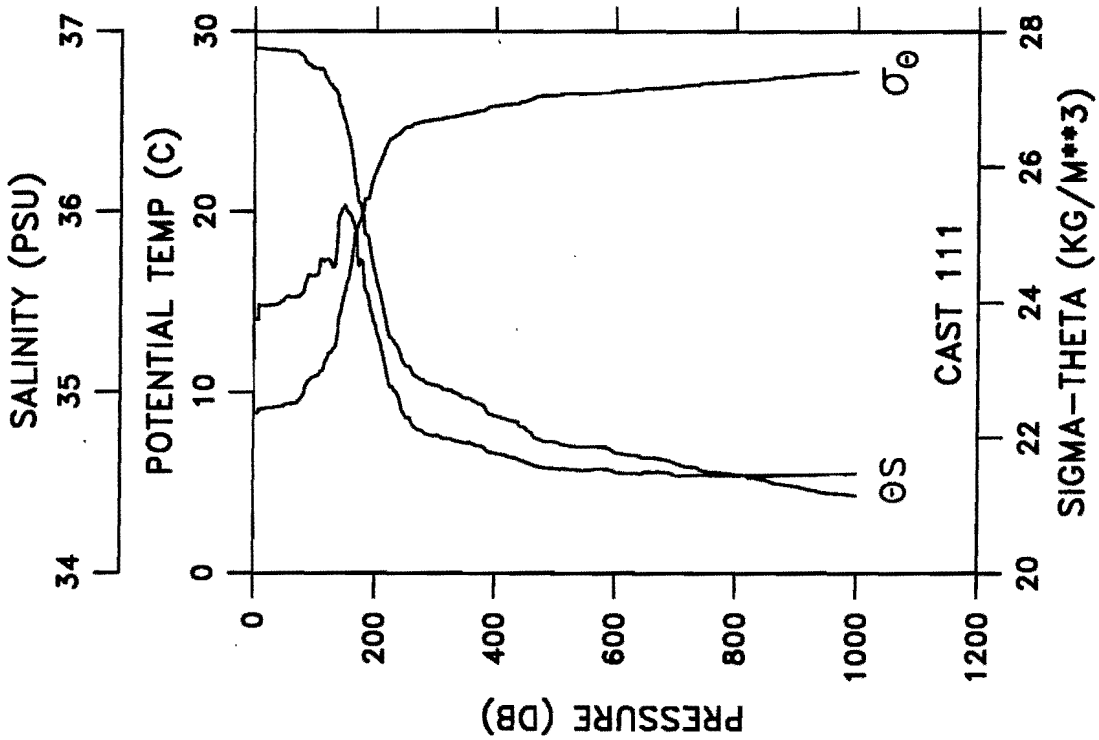
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.795	34.788	21.960	0.000
10	28.794	34.943	22.082	0.058
20	28.613	35.017	22.208	0.115
30	28.307	35.140	22.401	0.170
40	28.308	35.215	22.457	0.224
50	28.332	35.231	22.462	0.278
60	28.222	35.275	22.531	0.332
70	27.864	35.261	22.638	0.385
80	27.786	35.265	22.666	0.437
90	27.309	35.197	22.769	0.489
100	27.064	35.227	22.870	0.540
110	25.229	35.035	23.300	0.587
120	25.032	35.062	23.380	0.633
130	23.986	35.366	23.924	0.677
140	23.192	35.194	24.027	0.717
150	21.187	35.192	24.590	0.753
160	19.157	34.946	24.941	0.786
170	18.207	34.916	25.157	0.815
180	17.314	34.996	25.437	0.843
190	15.922	34.940	25.720	0.867
200	14.380	34.785	25.941	0.889
250	12.544	34.921	26.423	0.982
300	12.155	34.889	26.474	1.064
350	10.025	34.735	26.742	1.137
400	9.272	34.681	26.825	1.204
450	8.135	34.618	26.954	1.267
500	7.668	34.600	27.009	1.324
550	7.261	34.587	27.057	1.380
600	7.081	34.582	27.079	1.433
650	6.299	34.563	27.169	1.485
700	6.035	34.556	27.197	1.534
750	5.780	34.552	27.226	1.581
800	5.422	34.547	27.267	1.627
900	4.807	34.547	27.338	1.715
1000	4.573	34.554	27.370	1.787
1003	4.570	34.553	27.370	1.799

CAST GP3-98-KA-0101 DATE 29 JUN 96 TIME 1800 GMT
 LAT 00 00.1S LONG 179 55.3W WEATHER 1 SEA STATE 1
 BAROMETER 12 WIND DIR 090 T SPD 15 KT VISIBILITY 4
 CLOUD 3 AMOUNT 8 DRY 26.9 WET 24.8 DEPTH 5360 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.572	35.003	22.211	0.000
10	28.580	35.017	22.219	0.056
20	28.598	35.068	22.251	0.112
30	28.587	35.175	22.335	0.167
40	28.452	35.307	22.479	0.222
50	28.201	35.342	22.588	0.275
60	27.940	35.296	22.639	0.328
70	27.708	35.281	22.704	0.380
80	27.593	35.302	22.757	0.431
90	27.588	35.320	22.769	0.482
100	27.609	35.390	22.818	0.533
110	26.700	35.206	22.970	0.583
120	26.112	35.213	23.161	0.632
130	25.445	35.465	23.558	0.678
140	22.265	35.209	24.304	0.718
150	20.587	35.114	24.699	0.753
160	19.245	35.024	24.978	0.785
170	18.620	35.071	25.173	0.814
180	17.994	35.031	25.298	0.842
190	16.587	34.934	25.562	0.868
200	15.951	35.066	25.811	0.892
250	13.863	35.033	26.242	0.994
300	11.756	34.862	26.529	1.078
350	9.587	34.712	26.797	1.150
400	8.901	34.662	26.870	1.214
450	8.036	34.612	26.964	1.274
500	7.743	34.603	27.000	1.332
550	7.206	34.584	27.063	1.387
600	7.059	34.581	27.081	1.441
650	6.247	34.581	27.174	1.493
700	5.982	34.555	27.204	1.541
750	5.774	34.552	27.227	1.588
800	5.409	34.547	27.268	1.634
900	4.804	34.546	27.338	1.721
1000	4.589	34.553	27.368	1.803
1500	3.039	34.800	27.562	2.158
2000	2.072	34.841	27.679	2.441
2500	1.715	34.860	27.721	2.688
3000	1.448	34.672	27.751	2.920
3008	1.447	34.672	27.751	2.923

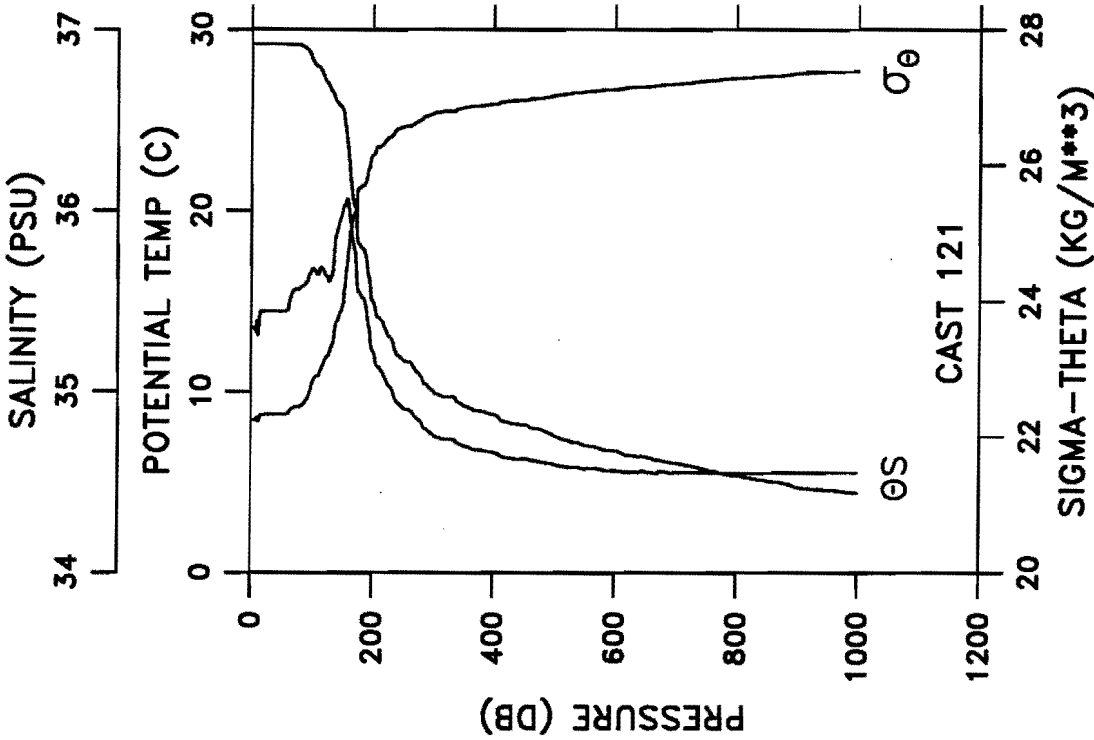


CAST GP3-96-KA-0111 DATE 30 JUN 96 TIME 0801 GMT
 LAT 02 00.15 LONG 179 52.8W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 100 T SPD 11 KT VISIBILITY 4
 CLOUD 2 AMOUNT 8 DRY 28.3 WET DEPTH 4740 M



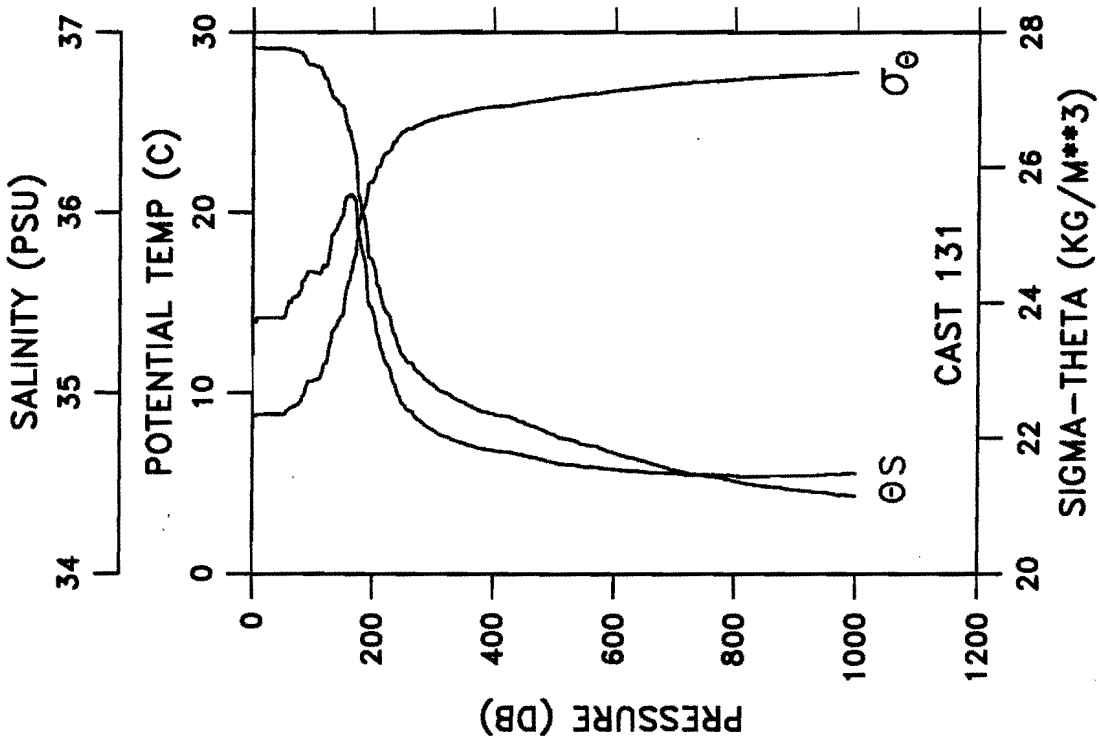
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.038	35.405	22.358	0.000
10	29.040	35.478	22.412	0.055
20	28.968	35.478	22.436	0.109
30	28.961	35.483	22.442	0.163
40	28.947	35.481	22.453	0.217
50	28.932	35.517	22.477	0.271
60	28.888	35.528	22.500	0.324
70	28.848	35.528	22.514	0.378
80	28.586	35.548	22.616	0.431
90	28.133	35.649	22.841	0.482
100	27.934	35.645	22.904	0.533
110	27.910	35.736	22.980	0.582
120	27.337	35.735	23.165	0.631
130	26.775	35.890	23.312	0.678
140	25.867	35.984	23.819	0.722
150	24.905	36.035	24.155	0.762
160	23.383	35.973	24.562	0.799
170	20.933	35.770	25.099	0.830
180	19.543	35.859	25.386	0.858
190	18.137	35.484	25.610	0.883
200	16.457	35.359	25.919	0.906
250	11.451	34.862	26.586	0.993
300	10.390	34.758	26.696	1.085
350	9.701	34.721	26.785	1.134
400	8.711	34.682	26.900	1.198
450	8.042	34.618	26.968	1.258
500	7.254	34.581	27.053	1.314
550	6.993	34.570	27.082	1.367
600	6.683	34.560	27.116	1.420
650	6.395	34.561	27.155	1.471
700	6.109	34.544	27.178	1.520
750	5.688	34.544	27.234	1.568
800	5.458	34.541	27.257	1.614
900	4.815	34.545	27.336	1.702
1000	4.300	34.553	27.399	1.781
1006	4.285	34.553	27.401	1.786

CAST GP3-96-KA-0121 DATE 30 JUN 96 TIME 1440 GMT
 LAT 02 59.8S LONG 179 59.9E WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 121 T SPD 12 KT VISIBILITY 4
 CLOUD 2 AMOUNT 8 DRY 28.2 WET



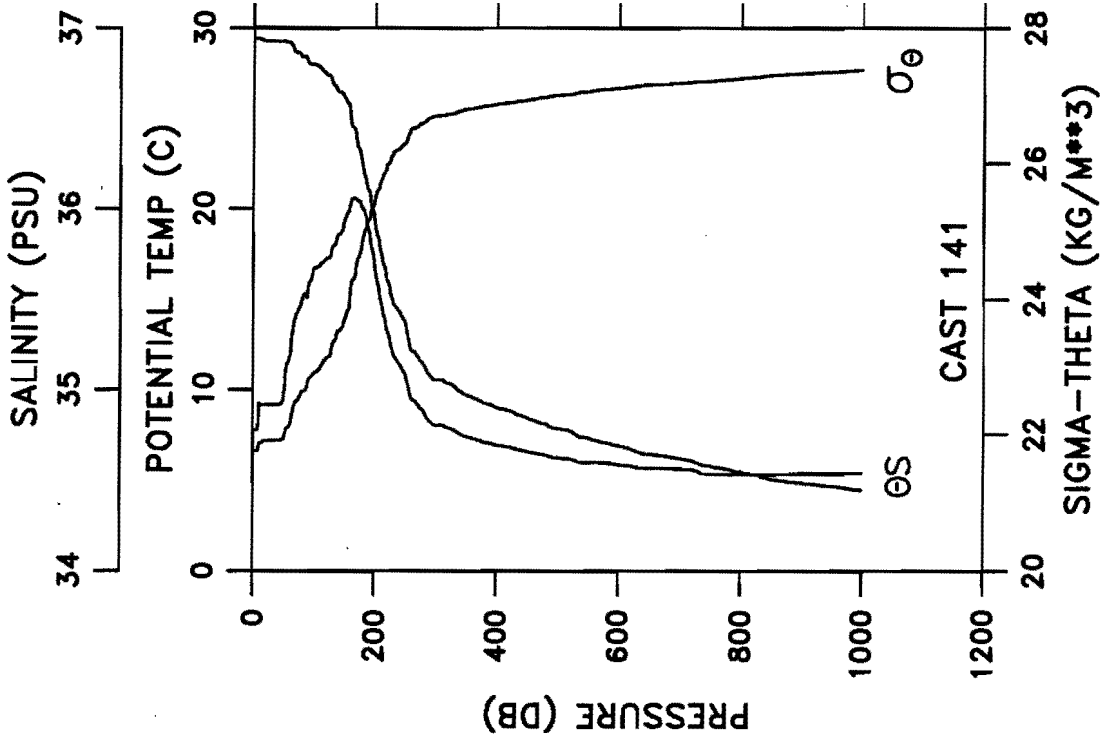
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.228	35.353	22.255	0.000
10	29.228	35.392	22.285	0.056
20	29.225	35.443	22.323	0.111
30	29.225	35.443	22.324	0.186
40	29.223	35.443	22.324	0.221
50	29.227	35.444	22.324	0.277
60	29.193	35.449	22.339	0.332
70	29.160	35.558	22.432	0.387
80	29.147	35.567	22.443	0.441
90	28.943	35.598	22.535	0.495
100	28.321	35.677	22.801	0.547
110	27.946	35.645	22.900	0.598
120	27.315	35.659	23.115	0.647
130	26.655	35.620	23.297	0.694
140	25.977	35.867	23.697	0.739
150	25.568	35.994	23.920	0.780
160	22.957	36.032	24.731	0.817
170	20.238	35.780	25.295	0.846
180	18.002	35.532	25.680	0.871
190	17.171	35.443	25.815	0.895
200	14.976	35.224	26.150	0.915
250	11.775	34.910	26.562	1.000
300	10.013	34.760	26.763	1.072
350	9.231	34.698	26.845	1.138
400	8.725	34.662	26.897	1.200
450	8.155	34.627	26.958	1.260
500	7.548	34.595	27.022	1.317
550	7.007	34.573	27.081	1.372
600	6.711	34.561	27.113	1.424
650	6.378	34.557	27.154	1.475
700	6.035	34.552	27.195	1.524
750	5.650	34.550	27.241	1.571
800	5.342	34.549	27.277	1.616
900	4.709	34.550	27.352	1.702
1000	4.402	34.553	27.388	1.782
1002	4.388	34.553	27.390	1.784

CAST GP3-96-KA-0131 DATE 30 JUN 96 TIME 2131 GMT
 LAT 03 59.3S LONG 179 59.6W WEATHER 1 SEA STATE 1
 BAROMETER 12 WIND DIR 110 T SPD 06 KT VISIBILITY 7
 CLOUD 2 AMOUNT 8 DRY 29.0 WET 25.2 DEPTH 4500 M



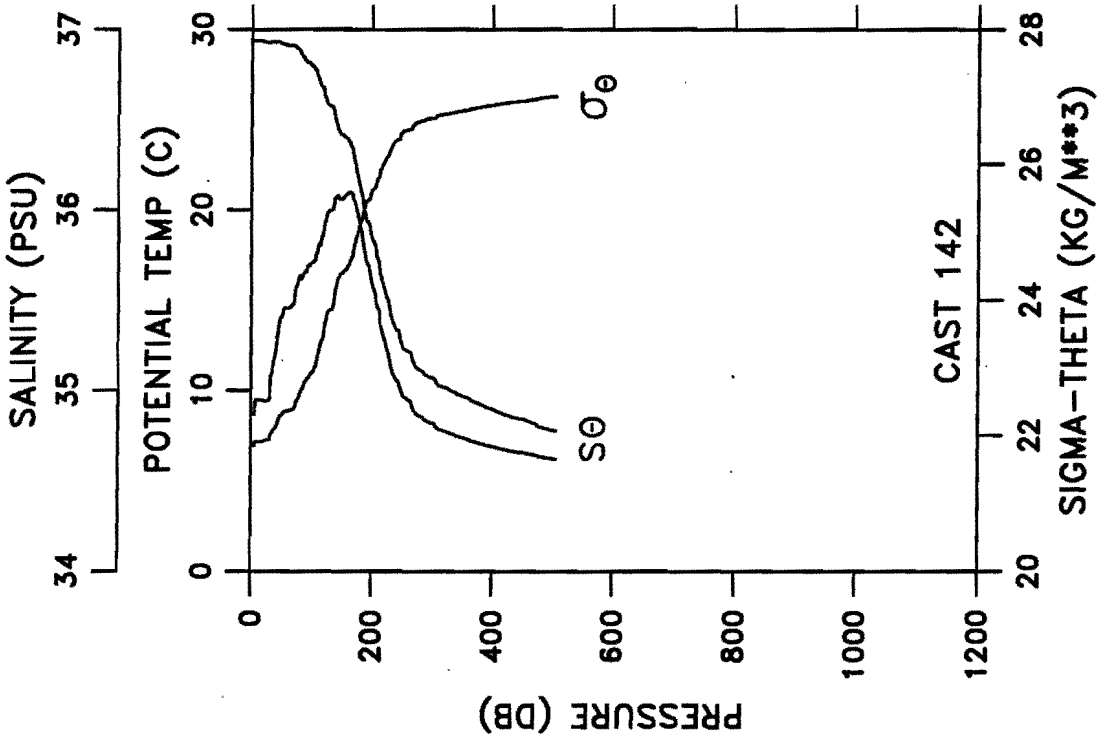
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.104	35.394	22.328	0.000
10	29.104	35.417	22.345	0.055
20	29.092	35.417	22.349	0.110
30	29.088	35.416	22.350	0.165
40	29.087	35.416	22.350	0.220
50	29.086	35.417	22.351	0.275
60	29.057	35.505	22.427	0.329
70	28.978	35.534	22.475	0.383
80	28.858	35.567	22.539	0.437
90	28.304	35.651	22.787	0.489
100	28.172	35.668	22.844	0.540
110	28.065	35.662	22.877	0.590
120	27.448	35.701	23.104	0.640
130	26.864	35.822	23.446	0.686
140	26.176	35.910	23.667	0.730
150	25.864	35.985	23.821	0.772
160	24.494	36.094	24.324	0.811
170	23.234	36.073	24.681	0.846
180	20.251	35.804	25.310	0.875
190	18.645	35.623	25.589	0.901
200	17.201	35.445	25.808	0.924
250	12.093	34.941	26.528	1.017
300	10.477	34.795	26.710	1.091
350	9.502	34.723	26.820	1.158
400	8.856	34.683	26.893	1.221
450	8.404	34.657	26.944	1.281
500	7.698	34.617	27.018	1.339
550	7.148	34.583	27.078	1.394
600	6.659	34.578	27.133	1.446
650	6.248	34.565	27.177	1.496
700	5.757	34.556	27.232	1.543
750	5.449	34.551	27.286	1.589
800	5.127	34.543	27.298	1.633
800	4.647	34.543	27.353	1.717
1000	4.321	34.555	27.398	1.796
1004	4.313	34.554	27.398	1.798

CAST GP3-96-KA-0141 DATE 01 JUL 96 TIME 1219 GMT
 LAT 04 55.5S LONG 179 56.8E WEATHER 1 SEA STATE 1
 BAROMETER 12 WIND DIR 160 T SPD 05 KT VISIBILITY 4
 CLOUD 2 AMOUNT 8 DRY 29.2 WET 25.2 DEPTH 5520 M



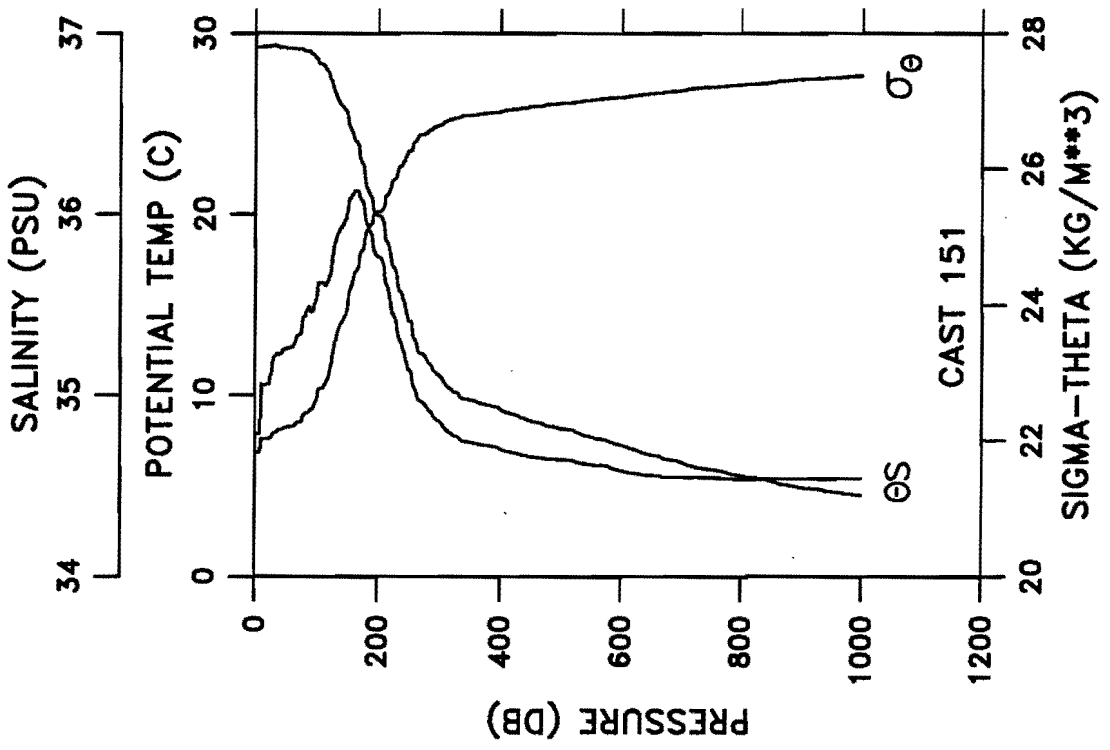
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DTN-M)
0	29.411	34.776	21.761	0.000
10	29.394	34.925	21.878	0.060
20	29.277	34.916	21.911	0.119
30	29.266	34.917	21.915	0.179
40	29.260	34.917	21.917	0.238
50	29.267	34.953	21.942	0.297
60	29.186	35.178	22.137	0.354
70	28.640	35.407	22.492	0.410
80	28.369	35.491	22.639	0.463
90	28.050	35.553	22.797	0.515
100	27.986	35.666	22.902	0.566
110	27.790	35.686	22.982	0.615
120	27.421	35.722	23.128	0.664
130	26.940	35.786	23.331	0.711
140	26.468	35.855	23.533	0.756
150	26.121	35.934	23.702	0.800
160	24.929	36.030	24.143	0.841
170	23.707	36.051	24.526	0.878
180	22.277	36.003	24.903	0.911
190	20.993	35.876	25.164	0.941
200	19.179	35.662	25.483	0.968
250	13.899	35.078	26.311	1.071
300	10.550	34.802	26.702	1.147
350	9.721	34.739	26.796	1.216
400	9.014	34.692	26.875	1.280
450	8.459	34.658	26.936	1.342
500	7.835	34.623	27.003	1.400
550	7.289	34.596	27.059	1.456
600	6.892	34.586	27.108	1.509
650	6.404	34.566	27.158	1.560
700	6.181	34.562	27.182	1.609
750	5.777	34.536	27.214	1.657
800	5.462	34.532	27.250	1.704
850	4.849	34.536	27.325	1.792
900	4.454	34.539	27.371	1.874
1000	2.868	34.599	27.577	2.224
1500	2.107	34.640	27.675	2.504
2000	1.718	34.661	27.722	2.752
2500	1.426	34.677	27.756	2.984
3000	1.230	34.686	27.778	3.205
4000	1.084	34.694	27.793	3.422
4500	0.924	34.703	27.812	3.635
5000	0.810	34.707	27.823	3.841
5301	0.802	34.707	27.823	3.968

CAST GP3-96-KA-0142 DATE 02 JUL 96 TIME 0704 GMT
 LAT 05 00.8S LONG 179 55.5W WEATHER 1 SEA STATE 1
 BAROMETER 10 WIND DIR 110 T SPD 13 KT VISIBILITY 4
 CLOUD 3 AMOUNT 8 DRY 28.9 WET 25.1 DEPTH 5662 M



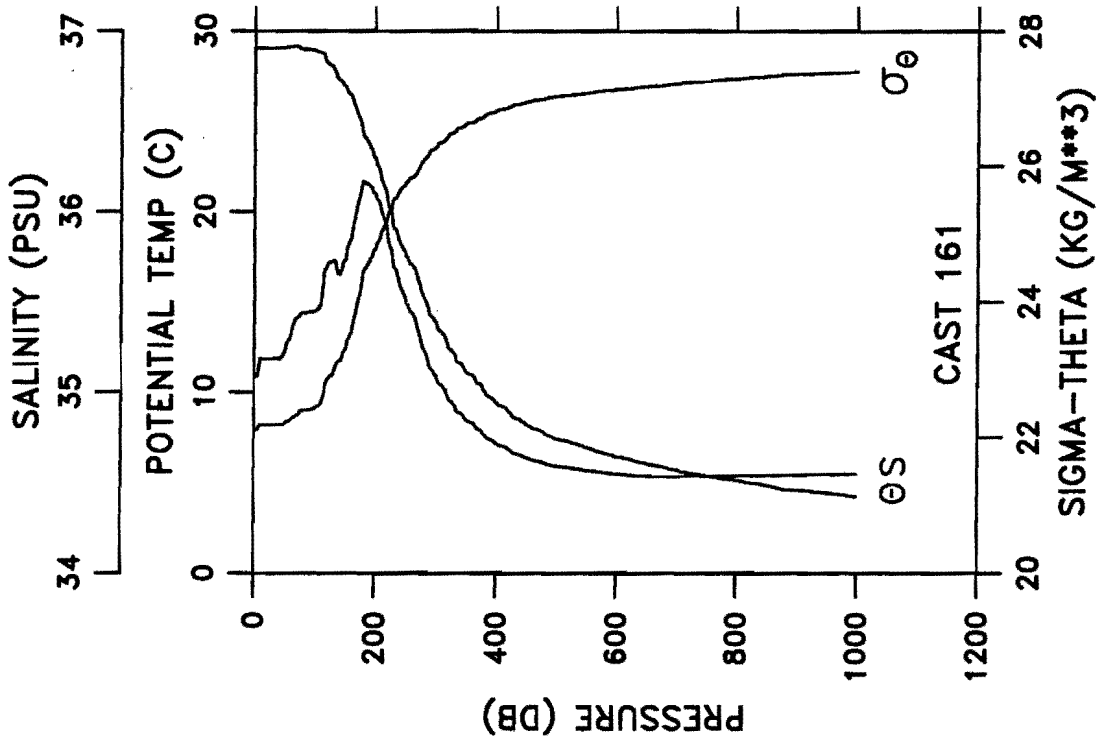
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.368	34.868	21.843	0.000
10	28.372	34.948	21.903	0.059
20	29.331	34.944	21.913	0.119
30	29.272	34.947	21.935	0.177
40	29.303	35.200	22.115	0.235
50	29.200	35.405	22.304	0.292
60	29.128	35.454	22.364	0.347
70	29.100	35.478	22.392	0.402
80	28.823	35.624	22.594	0.455
90	28.266	35.657	22.804	0.507
100	28.003	35.705	22.926	0.558
110	27.423	35.759	23.155	0.607
120	26.718	35.875	23.469	0.653
130	25.781	35.997	23.856	0.695
140	24.980	36.073	24.160	0.735
150	24.178	36.060	24.393	0.772
160	23.914	36.080	24.494	0.807
170	22.964	36.058	24.748	0.841
180	21.326	35.924	25.109	0.872
190	19.500	35.723	25.446	0.900
200	18.459	35.593	25.613	0.925
250	12.551	34.982	26.469	1.025
300	10.722	34.820	26.686	1.100
350	9.696	34.737	26.799	1.168
400	8.971	34.689	26.879	1.232
450	8.444	34.656	26.937	1.282
500	7.813	34.623	27.006	1.351
508	7.787	34.619	27.006	1.357

CAST GP3-96-KA-0151 DATE 02 JUL 96 TIME 1408 GMT
 LAT 05 59.8S LONG 179 59.9E WEATHER 1 SEA STATE 1
 BAROMETER 10 WIND DIR 116 T SPD 13 KT VISIBILITY 4
 CLOUD 3 AMOUNT 8 DRY 26.8 WET DEPTH 5250 M



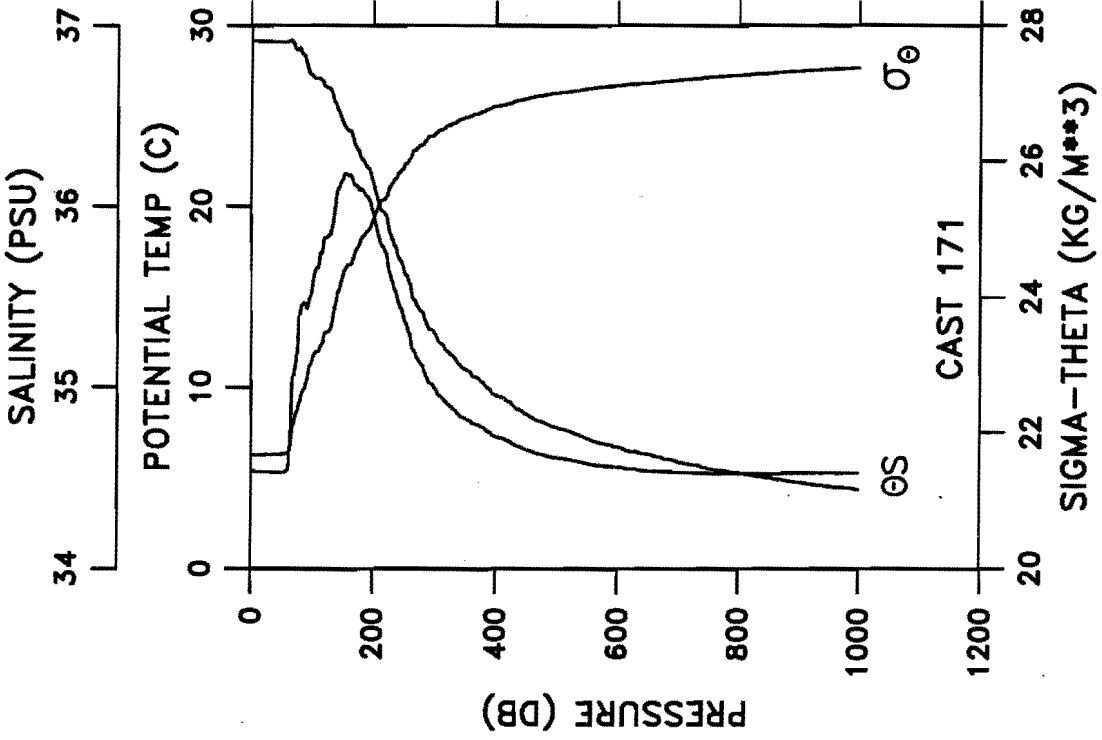
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.258	34.789	21.821	0.000
10	29.266	35.064	22.025	0.060
20	29.278	35.060	22.018	0.118
30	29.339	35.209	22.110	0.175
40	29.226	35.227	22.161	0.232
50	29.197	35.258	22.194	0.289
60	29.176	35.266	22.207	0.345
70	29.138	35.330	22.288	0.402
80	29.036	35.436	22.381	0.457
90	28.883	35.465	22.455	0.512
100	28.607	35.547	22.608	0.565
110	28.278	35.618	22.771	0.617
120	27.746	35.652	22.970	0.667
130	26.687	35.845	23.457	0.714
140	26.020	35.926	23.728	0.758
150	25.524	36.008	23.944	0.798
160	24.385	36.113	24.371	0.837
170	23.179	36.097	24.715	0.872
180	21.628	35.961	25.054	0.904
190	20.907	35.884	25.194	0.932
200	19.905	35.785	25.372	0.960
250	14.115	35.142	26.273	1.073
300	11.134	34.857	26.640	1.153
350	9.754	34.739	26.791	1.222
400	9.252	34.702	26.844	1.287
450	8.578	34.659	26.918	1.349
500	8.151	34.642	26.970	1.409
550	7.688	34.615	27.018	1.467
600	7.228	34.583	27.059	1.522
650	6.685	34.557	27.113	1.576
700	6.287	34.549	27.159	1.627
750	5.868	34.542	27.208	1.676
800	5.560	34.536	27.241	1.723
900	4.890	34.540	27.323	1.812
1000	4.463	34.542	27.373	1.895
1001	4.455	34.542	27.373	1.886

CAST GP3-96-KA-0161 DATE 02 JUL 96 TIME 2038 GMT
 LAT 07 00.4S LONG 179 59.8E WEATHER 2 SEA STATE 5
 BAROMETER 12 WIND DIR 074 T SPD 12 KT VISIBILITY 4
 CLOUD 7 AMOUNT 4 DRY 28.4 WET 24.8 DEPTH 3300 M



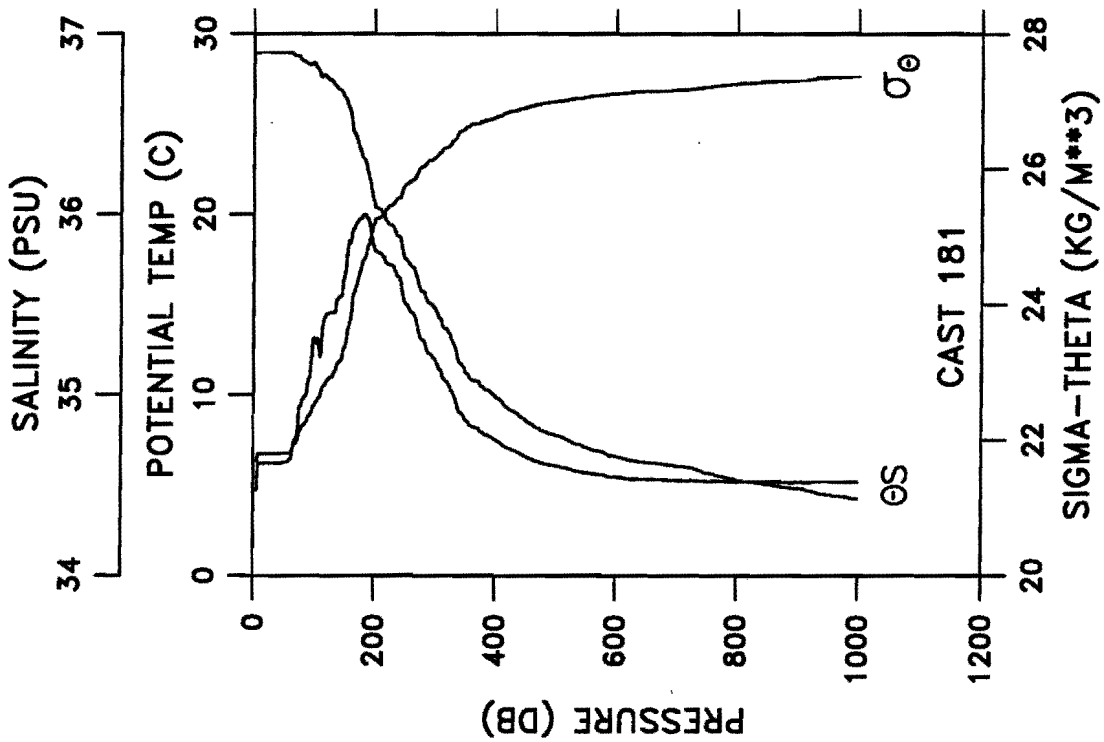
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.048	35.089	22.117	0.000
10	29.048	35.187	22.191	0.057
20	29.043	35.183	22.189	0.113
30	29.052	35.184	22.187	0.170
40	29.054	35.185	22.187	0.228
50	29.071	35.215	22.204	0.283
60	29.121	35.310	22.258	0.339
70	29.135	35.407	22.327	0.394
80	28.990	35.436	22.398	0.449
90	28.962	35.444	22.413	0.504
100	28.910	35.448	22.433	0.559
110	28.805	35.480	22.482	0.613
120	28.257	35.892	22.833	0.665
130	28.038	35.726	22.931	0.715
140	27.292	35.657	23.121	0.764
150	26.945	35.728	23.286	0.812
160	26.434	35.845	23.537	0.857
170	25.501	36.018	23.959	0.899
180	24.295	36.168	24.439	0.937
190	23.760	36.150	24.585	0.972
200	22.987	36.100	24.773	1.006
250	17.747	35.518	25.733	1.142
300	13.869	35.092	26.282	1.246
350	11.130	34.849	26.635	1.328
400	9.427	34.716	26.827	1.397
450	8.235	34.638	26.954	1.459
500	7.429	34.591	27.037	1.516
550	6.955	34.568	27.085	1.570
600	6.439	34.548	27.139	1.622
650	6.076	34.537	27.177	1.672
700	5.722	34.535	27.221	1.719
750	5.400	34.537	27.261	1.765
800	5.142	34.540	27.294	1.809
900	4.579	34.544	27.361	1.893
1000	4.215	34.548	27.404	1.972
1005	4.186	34.548	27.407	1.976

CAST GP3-96-KA-0171 DATE 03 JUL 96 TIME 0449 GMT
 LAT 07 58.25 LONG 179 51.0W WEATHER 2 SEA STATE 5
 BAROMETER 08 WIND DIR 090 T SPD 17 KT VISIBILITY 7
 CLOUD 3 AMOUNT 8 DRY 29.1 WET 24.5 DEPTH 4800 M



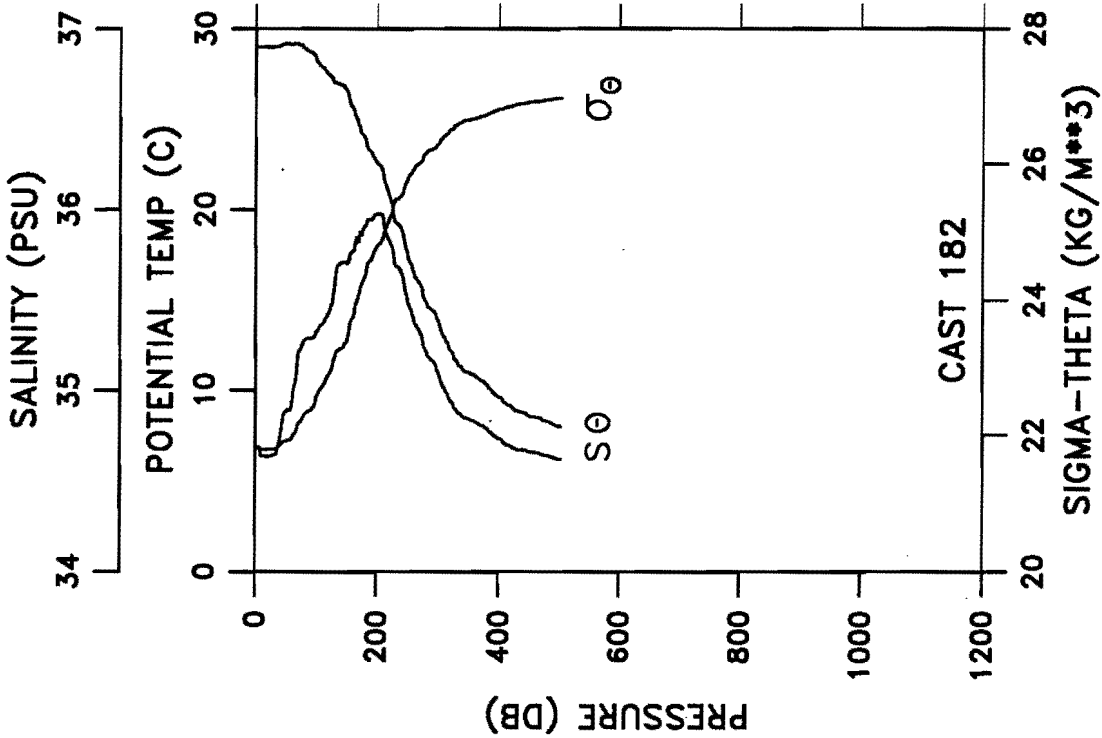
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.142	34.538	21.672	0.000
10	29.138	34.532	21.669	0.061
20	29.133	34.531	21.670	0.123
30	29.135	34.532	21.670	0.184
40	29.117	34.530	21.675	0.245
50	29.102	34.530	21.679	0.307
60	29.108	34.541	21.686	0.368
70	29.002	35.065	22.114	0.428
80	28.778	35.405	22.444	0.484
90	28.079	35.464	22.720	0.537
100	27.262	35.535	23.039	0.587
110	27.085	35.661	23.191	0.634
120	26.660	35.823	23.449	0.681
130	26.498	35.848	23.519	0.725
140	25.590	36.055	23.959	0.767
150	24.682	36.146	24.306	0.806
160	24.182	36.173	24.478	0.842
170	23.444	36.118	24.654	0.876
180	22.700	36.087	24.854	0.909
190	22.195	36.053	24.965	0.940
200	21.302	35.981	25.144	0.970
250	18.519	35.379	25.920	1.095
300	12.960	35.000	26.401	1.189
350	11.010	34.829	26.641	1.268
400	9.582	34.728	26.811	1.338
450	8.541	34.657	26.922	1.401
500	7.780	34.611	27.001	1.460
550	7.182	34.581	27.063	1.515
600	6.713	34.560	27.111	1.568
650	6.304	34.539	27.150	1.619
700	5.867	34.530	27.198	1.668
750	5.500	34.524	27.239	1.715
800	5.259	34.521	27.265	1.761
900	4.744	34.525	27.328	1.848
1000	4.344	34.528	27.375	1.930
1002	4.343	34.528	27.375	1.931

CAST GP3-96-KA-0181 DATE 06 JUL 96 TIME 1536 GMT
 LAT 07 58.8S LONG 165 06.2E WEATHER 1 SEA STATE 4
 BAROMETER 06 WIND DIR 135 T SPD 15 KT VISIBILITY 4
 CLOUD 1 AMOUNT 3 DRY 28.5 WET 25.9 DEPTH 3900 M



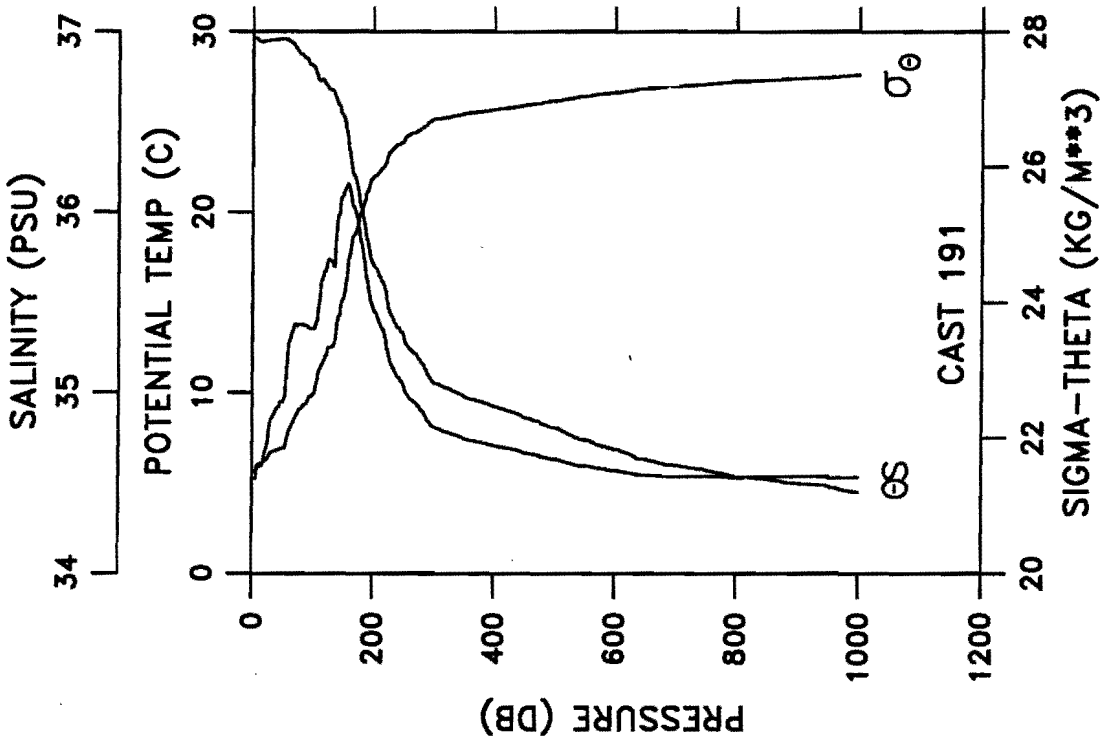
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.956	34.474	21.686	0.000
10	28.956	34.617	21.794	0.061
20	28.962	34.618	21.792	0.121
30	28.961	34.618	21.792	0.181
40	28.961	34.619	21.793	0.241
50	28.962	34.625	21.797	0.302
60	28.960	34.641	21.810	0.362
70	28.809	34.760	21.950	0.422
80	28.533	34.958	22.190	0.480
90	28.310	35.059	22.339	0.536
100	28.403	35.314	22.501	0.590
110	27.853	35.247	22.631	0.643
120	27.638	35.433	22.840	0.695
130	27.407	35.454	22.931	0.745
140	26.963	35.528	23.129	0.794
150	26.530	35.641	23.352	0.841
160	25.817	35.854	23.737	0.885
170	24.317	35.950	24.268	0.925
180	23.236	35.984	24.613	0.960
190	22.286	35.974	24.879	0.993
200	20.712	35.816	25.195	1.023
250	17.574	35.510	25.768	1.153
300	14.785	35.196	26.171	1.259
350	11.281	34.863	26.618	1.345
400	8.933	34.750	26.769	1.416
450	8.643	34.661	26.910	1.481
500	7.763	34.608	27.001	1.539
550	7.086	34.571	27.068	1.595
600	6.608	34.547	27.115	1.648
650	6.267	34.534	27.150	1.698
700	6.060	34.526	27.171	1.748
750	5.669	34.523	27.217	1.797
800	5.293	34.520	27.261	1.843
850	4.828	34.518	27.313	1.831
900	4.261	34.519	27.376	2.013
1000	4.261	34.519	27.376	2.013
1006	4.224	34.519	27.380	2.018

CAST GP3-96-KA-0182 DATE 06 JUL 96 TIME 2350 GMT
 LAT 08 02.6S LONG 164 48.7E WEATHER 2 SEA STATE 3
 BAROMETER 07 WIND DIR 110 T SPD 12 KT VISIBILITY 7
 CLOUD 7 AMOUNT 3 DRY 29.5 WET 26.2 DEPTH 3900 M



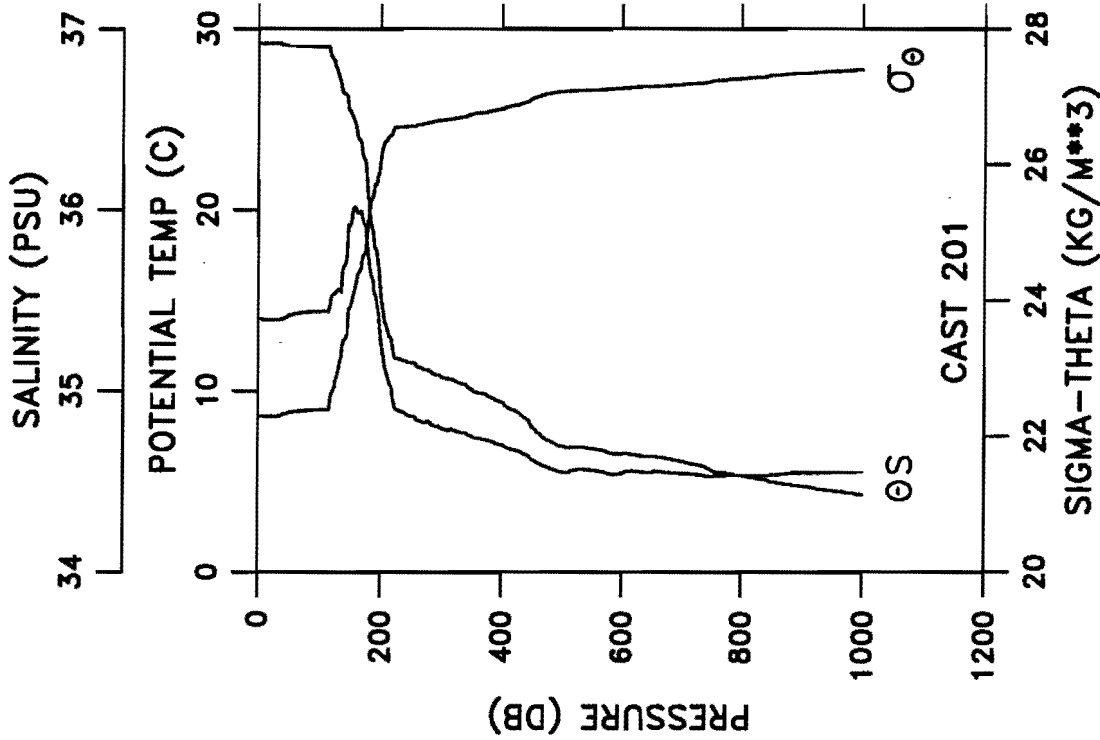
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.016	34.684	21.824	0.000
10	29.018	34.636	21.787	0.060
20	28.985	34.632	21.795	0.120
30	28.996	34.643	21.800	0.180
40	29.064	34.729	21.842	0.240
50	29.182	34.885	21.918	0.300
60	29.159	34.930	21.961	0.359
70	29.143	35.206	22.173	0.417
80	28.913	35.274	22.301	0.473
90	28.729	35.288	22.373	0.528
100	28.235	35.325	22.564	0.583
110	27.841	35.369	22.726	0.635
120	27.464	35.426	22.892	0.686
130	27.014	35.572	23.146	0.735
140	26.897	35.706	23.285	0.782
150	26.600	35.706	23.379	0.828
160	25.615	35.770	23.736	0.872
170	24.671	35.821	24.064	0.913
180	23.940	35.910	24.350	0.950
190	23.185	35.943	24.597	0.985
200	22.612	35.977	24.788	1.019
250	17.584	35.498	25.756	1.158
300	13.906	35.106	26.290	1.259
350	11.000	34.842	26.853	1.338
400	9.644	34.732	26.804	1.408
450	8.600	34.659	26.915	1.472
500	8.016	34.619	26.972	1.531
503	8.007	34.618	26.973	1.535

CAST GP3-96-KA-0191 DATE 09 JUL 96 TIME 0523 GMT
 LAT 04 59.2S LONG 165 11.5E WEATHER 1 SEA STATE 2
 BAROMETER 06 WIND DIR 067 T SPD 07 KT VISIBILITY 7
 CLOUD 4 AMOUNT 6 DRY 29.8 WET DEPTH 2580 M



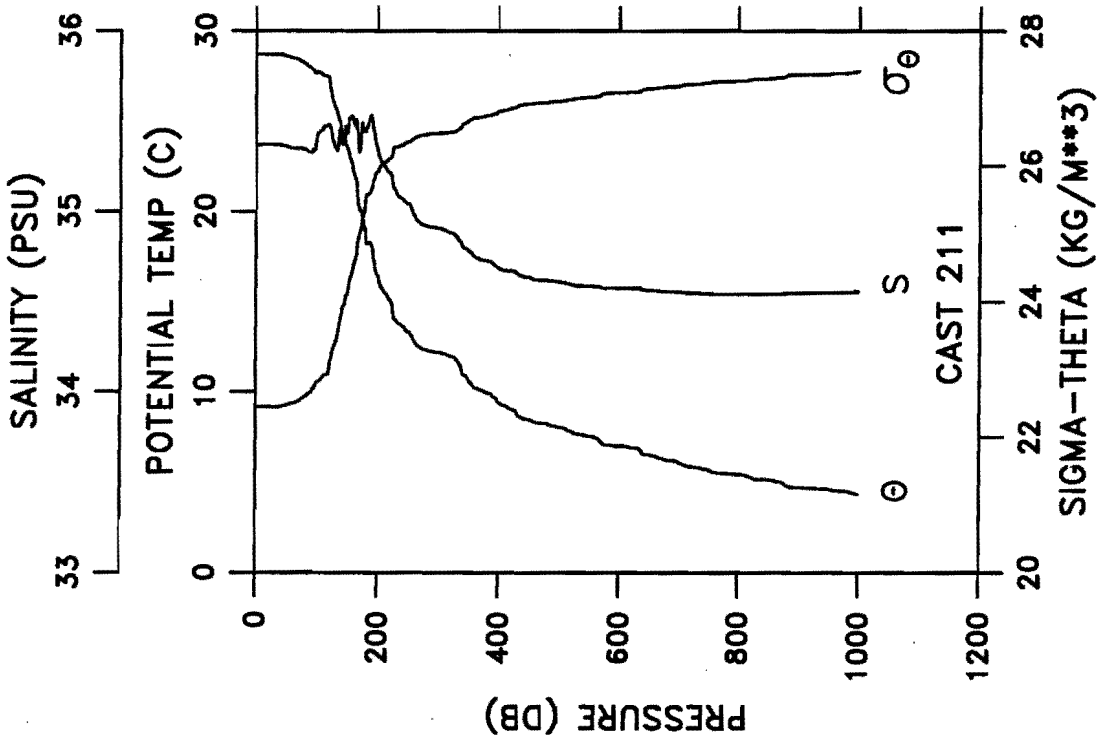
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.631	34.526	21.488	0.000
10	28.455	34.582	21.607	0.063
20	29.474	34.657	21.650	0.124
30	28.535	34.847	21.772	0.186
40	28.556	34.908	21.810	0.246
50	29.557	34.947	21.839	0.306
60	29.475	35.248	22.092	0.365
70	29.153	35.378	22.289	0.422
80	28.751	35.378	22.433	0.476
90	28.494	35.372	22.514	0.530
100	28.080	35.352	22.635	0.583
110	27.516	35.485	22.984	0.634
120	27.132	35.676	23.187	0.683
130	26.784	35.733	23.341	0.729
140	26.086	35.922	23.704	0.774
150	25.384	36.092	24.051	0.815
160	23.477	36.149	24.667	0.852
170	21.931	36.013	25.009	0.883
180	20.260	35.835	25.331	0.912
190	18.472	35.622	25.632	0.938
200	17.135	35.465	25.840	0.961
250	13.234	35.044	26.390	1.058
300	10.543	34.810	26.710	1.135
350	9.821	34.747	26.785	1.203
400	9.246	34.708	26.849	1.268
450	8.655	34.668	26.913	1.331
500	8.063	34.632	26.976	1.391
550	7.392	34.595	27.045	1.447
600	6.859	34.569	27.099	1.501
650	6.309	34.545	27.153	1.552
700	5.991	34.538	27.189	1.602
750	5.733	34.536	27.221	1.649
800	5.387	34.531	27.258	1.696
800	4.998	34.538	27.310	1.784
900	4.504	34.533	27.361	1.869
1000	4.503	34.533	27.361	1.871

CAST GP3-96-KA-0201 DATE 10 JUL 96 TIME 1021 GMT
 LAT 01 54.55 LONG 164 19.2E WEATHER 1 SEA STATE 3
 BAROMETER 07 WIND DIR 100 T SPD 16 KT VISIBILITY 4
 CLOUD 4 AMOUNT DRY 29.0 WET 25.0 DEPTH 4440 M



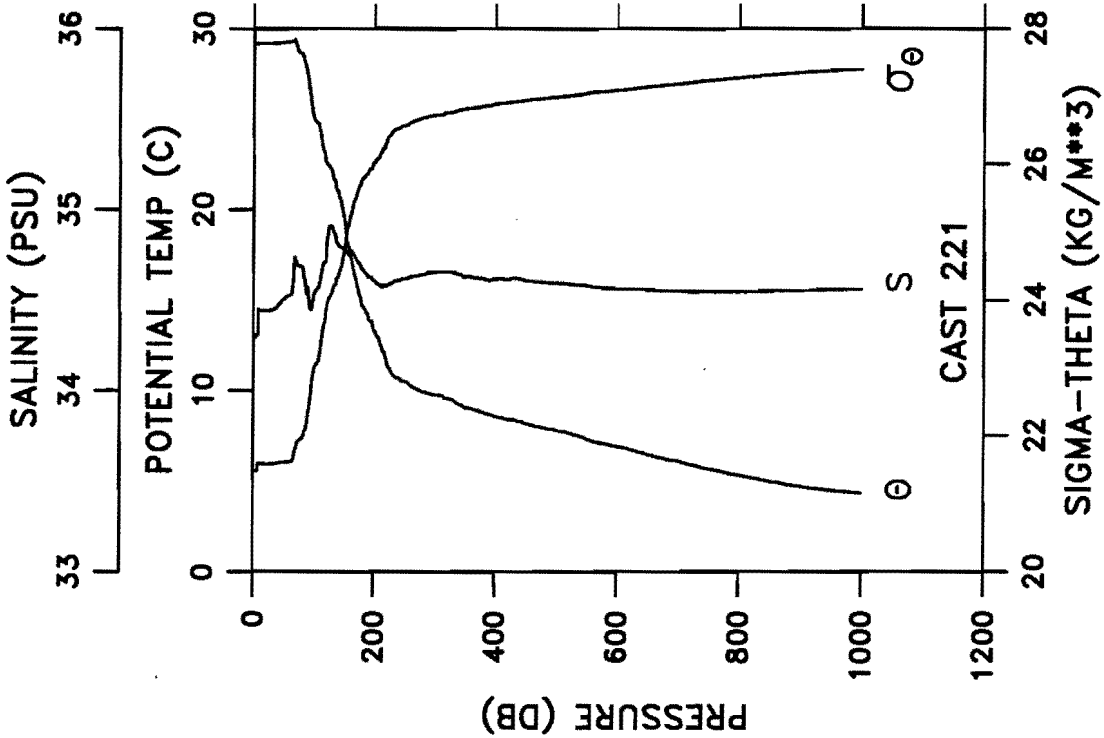
PRES (DB)	POT TEMP (C)	SAL (PSU)	SGK-TH	DELTA-D (DYN-M)
0	29.202	35.400	22.299	0.000
10	29.198	35.391	22.294	0.055
20	29.202	35.392	22.293	0.111
30	29.203	35.392	22.292	0.166
40	28.130	35.398	22.322	0.222
50	29.080	35.417	22.353	0.277
60	29.069	35.425	22.382	0.332
70	28.049	35.431	22.374	0.387
80	29.041	35.435	22.379	0.441
90	29.032	35.437	22.384	0.496
100	29.024	35.438	22.387	0.551
110	28.018	35.438	22.390	0.606
120	28.466	35.515	22.631	0.860
130	27.621	35.555	22.937	0.712
140	26.430	35.688	23.419	0.759
150	25.442	35.911	23.896	0.803
160	24.546	36.007	24.242	0.842
170	23.111	35.956	24.628	0.878
180	20.480	35.740	25.199	0.910
190	17.940	35.534	25.697	0.936
200	15.487	35.270	26.072	0.958
250	11.557	34.860	26.565	1.039
300	10.785	34.794	26.654	1.113
350	10.103	34.750	26.739	1.184
400	9.382	34.700	26.822	1.251
450	8.030	34.618	26.970	1.313
500	6.929	34.551	27.075	1.368
550	6.795	34.561	27.101	1.420
600	6.505	34.544	27.127	1.472
650	6.353	34.550	27.151	1.522
700	6.090	34.543	27.180	1.572
750	5.803	34.525	27.227	1.620
800	5.318	34.532	27.267	1.666
900	4.723	34.545	27.346	1.752
1000	4.274	34.553	27.402	1.832
1005	4.251	34.554	27.405	1.835

CAST GP3-96-KA-0211 DATE 11 JUL 96 TIME 1322 GMT
 LAT 00 00.3S LONG 165 03.0E WEATHER 1 SEA STATE 3
 BAROMETER 07 WIND DIR 068 T SPD 07 KT VISIBILITY 4
 CLOUD 1 AMOUNT DRY 28.4 WET 24.9 DEPTH 4371 M



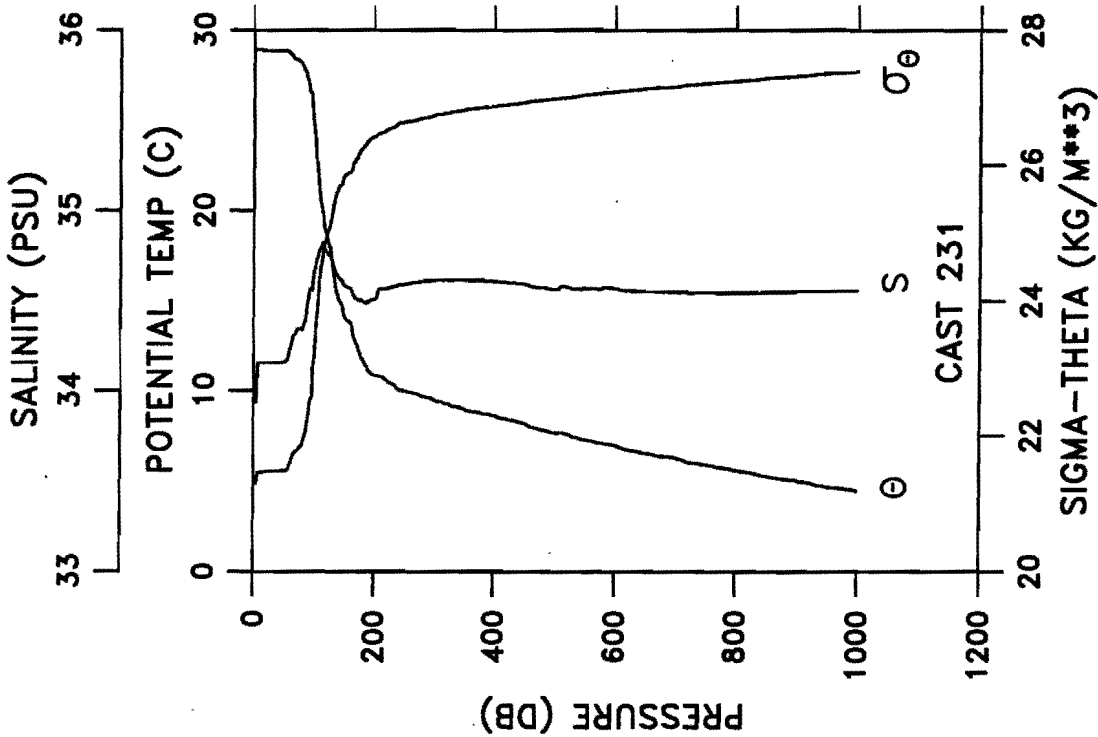
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.701	35.370	22.444	0.000
10	28.702	35.371	22.444	0.054
20	28.704	35.371	22.444	0.108
30	28.702	35.370	22.444	0.162
40	28.691	35.369	22.446	0.216
50	28.593	35.360	22.472	0.270
60	28.500	35.351	22.496	0.324
70	28.386	35.348	22.532	0.377
80	28.185	35.345	22.596	0.430
90	27.938	35.327	22.663	0.483
100	27.698	35.420	22.811	0.534
110	27.507	35.462	22.905	0.585
120	27.178	35.477	23.022	0.635
130	25.686	35.350	23.397	0.681
140	24.396	35.399	23.827	0.725
150	23.487	35.431	24.117	0.765
160	22.184	35.496	24.550	0.801
170	20.051	35.332	25.003	0.833
180	18.346	35.443	25.527	0.861
190	18.002	35.520	25.671	0.886
200	16.411	35.341	25.916	0.908
250	13.312	35.041	26.362	1.003
300	12.167	34.907	26.485	1.085
350	10.629	34.783	26.673	1.184
400	9.393	34.685	26.808	1.233
450	8.488	34.635	26.916	1.296
500	8.046	34.611	26.961	1.356
550	7.544	34.587	27.016	1.414
600	7.003	34.575	27.084	1.468
650	6.523	34.564	27.140	1.521
700	6.147	34.556	27.183	1.570
750	5.713	34.545	27.229	1.618
800	5.446	34.542	27.260	1.664
850	4.720	34.547	27.348	1.750
900	4.343	34.558	27.398	1.831
1000	2.933	34.604	27.575	2.178
2000	2.138	34.638	27.671	2.458
2500	1.649	34.663	27.729	2.701
3000	1.447	34.672	27.751	2.934
3500	1.270	34.682	27.771	3.158
4000	1.124	34.692	27.790	3.378
4104	1.081	34.695	27.795	3.423

CAST GP3-86-KA-0221 DATE 14 JUL 96 TIME 0647 GMT
 LAT 05 03.5N LONG 164 58.5E WEATHER 2 SEA STATE 3
 BAROMETER 07 WIND DIR 072 T SPD 13 KT VISIBILITY 7
 CLOUD 3 AMOUNT 6 DRY 28.1 WET 25.5 DEPTH 5376 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.183	34.300	21.480	0.000
10	29.181	34.442	21.587	0.063
20	29.183	34.443	21.587	0.125
30	29.185	34.445	21.588	0.187
40	29.208	34.472	21.600	0.249
50	29.247	34.507	21.613	0.311
60	29.277	34.527	21.619	0.374
70	29.078	34.716	21.827	0.435
80	28.562	34.682	21.973	0.484
90	27.158	34.537	22.321	0.552
100	24.989	34.533	22.993	0.604
110	24.339	34.603	23.242	0.652
120	22.588	34.742	23.857	0.696
130	22.055	34.902	24.130	0.735
140	21.022	34.809	24.344	0.772
150	19.562	34.775	24.706	0.807
160	17.428	34.754	25.224	0.837
170	16.013	34.720	25.530	0.863
180	14.689	34.668	25.785	0.887
190	14.079	34.624	25.880	0.909
200	13.322	34.605	26.023	0.930
250	10.501	34.616	26.566	1.016
300	9.774	34.654	26.720	1.088
350	9.061	34.628	26.817	1.155
400	8.566	34.617	26.887	1.219
450	8.168	34.608	26.941	1.279
500	7.777	34.584	26.988	1.338
550	7.290	34.579	27.047	1.394
600	6.862	34.564	27.092	1.448
650	6.442	34.557	27.145	1.500
700	6.098	34.551	27.186	1.550
750	5.664	34.548	27.238	1.597
800	5.330	34.548	27.278	1.643
800	4.711	34.554	27.355	1.728
1000	4.329	34.561	27.402	1.807
1006	4.320	34.561	27.403	1.811

CAST GP3-96-KA-0231 DATE 15 JUL 96 TIME 0759 GMT
 LAT 07 59.3N LONG 164 57.2E WEATHER 2 SEA STATE 3
 BAROMETER 08 WIND DIR 050 T SPD 12 KT VISIBILITY 4
 CLOUD 7 AMOUNT 6 DRY 28.5 WET 25.5 DEPTH 5190 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.896	33.937	21.303	0.000
10	28.897	34.155	21.467	0.064
20	28.876	34.156	21.474	0.127
30	28.852	34.156	21.482	0.191
40	28.849	34.156	21.483	0.254
50	28.847	34.158	21.485	0.317
60	28.685	34.229	21.592	0.380
70	28.358	34.328	21.775	0.441
80	28.084	34.338	21.872	0.502
90	27.170	34.498	22.288	0.560
100	24.746	34.657	23.160	0.612
110	20.825	34.787	24.380	0.653
120	18.698	34.770	24.923	0.686
130	17.004	34.713	25.294	0.715
140	15.105	34.826	25.662	0.740
150	14.108	34.585	25.845	0.763
160	13.783	34.567	25.898	0.784
170	12.602	34.510	26.093	0.805
180	11.741	34.500	26.250	0.824
190	11.112	34.495	26.362	0.841
200	10.857	34.508	26.419	0.858
250	9.983	34.590	26.635	0.935
300	9.503	34.612	26.733	1.006
350	8.985	34.613	26.818	1.072
400	8.623	34.807	26.870	1.135
450	8.190	34.591	26.924	1.197
500	7.682	34.564	26.978	1.256
550	7.287	34.568	27.039	1.313
600	6.964	34.567	27.083	1.367
650	6.529	34.553	27.131	1.419
700	6.282	34.549	27.160	1.470
750	5.907	34.546	27.206	1.519
800	5.597	34.543	27.242	1.566
900	5.029	34.548	27.313	1.655
1000	4.453	34.558	27.387	1.737
1500	2.884	34.607	27.584	2.077
2000	2.111	34.638	27.673	2.356
2500	1.695	34.682	27.725	2.604
3000	1.470	34.675	27.751	2.836
3500	1.275	34.685	27.773	3.062
4000	1.125	34.694	27.791	3.282
4500	1.031	34.701	27.803	3.500
4960	0.962	34.705	27.811	3.702

CAST GP3-96-KA-0011 LAT 08 00.5N LONG 179 56.0W CAST GP3-96-KA-0031 LAT 06 00.3N LONG 179 59.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
500.	7.321	34.551	7.273	27.020	10.	28.298	34.487	28.296	21.914
598.	6.479	34.545	6.424	27.129	199.	11.900	34.608	11.874	26.305
699.	5.848	34.543	5.787	27.209	600.	7.345	34.581	7.286	27.041
799.	5.347	34.550	5.279	27.278	799.	5.540	34.549	5.471	27.255
900.	4.860	34.553	4.787	27.337	1001.	4.470	34.562	4.391	27.389
1000.	4.477	34.559	4.398	27.385	1001.	4.482	34.561	4.402	27.387

CAST GP3-96-KA-0021 LAT 07 00.4N LONG 179 59.9W CAST GP3-96-KA-0041 LAT 04 58.7N LONG 179 51.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
8.	28.375	34.447	28.373	21.858	10.	28.769	34.349	28.767	21.670
199.	11.218	34.598	11.193	26.423	199.	12.185	34.543	12.159	26.195
598.	6.718	34.553	6.662	27.105	597.	7.302	34.577	7.244	27.045
801.	5.363	34.551	5.295	27.277	798.	5.393	34.549	5.325	27.272
1004.	4.498	34.561	4.418	27.385	1004.	4.255	34.566	4.177	27.416
1003.	4.499	34.561	4.420	27.385	1002.	4.264	34.566	4.186	27.415

CAST GP3-96-KA-0051 LAT 04 00.1N LONG 179 59.7W CAST GP3-96-KA-0062 LAT 02 00.9N LONG 179 48.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
7.	28.768	34.720	28.767	21.930	10.	28.785	34.955	28.782	22.101
198.	13.091	34.667	13.064	26.075	201.	12.602	34.875	12.575	26.375
601.	6.739	34.567	6.683	27.113	350.	9.906	34.711	9.865	26.744
799.	5.379	34.550	5.311	27.273	400.	9.302	34.671	9.257	26.811
1001.	4.444	34.559	4.364	27.389	502.	7.852	34.591	7.801	26.976
1001.	4.444	34.561	4.365	27.389	502.	7.857	34.592	7.806	26.976

CAST GP3-96-KA-0061 LAT 02 00.2N LONG 179 53.1W CAST GP3-96-KA-0071 LAT 01 30.0N LONG 179 52.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.755	34.933	28.753	22.098	10.	28.722	34.914	28.720	22.093
302.	10.712	34.766	10.676	26.646	198.	13.285	34.690	13.257	26.087
2001.	2.271	34.639	2.130	27.660	599.	6.920	34.572	6.863	27.093
2999.	1.654	34.675	1.434	27.737	799.	5.563	34.546	5.494	27.249
5099.	1.280	34.707	0.840	27.790	997.	4.568	34.556	4.488	27.372
5099.	1.280	34.707	0.840	27.790	998.	4.566	34.557	4.486	27.372

CAST GP3-96-KA-0081 LAT 00 59.9N LONG 179 52.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	28.761	34.954	28.758	22.112	8.	28.580	35.038	28.578	22.234
199.	14.069	34.627	14.040	25.882	191.	16.004	35.042	15.974	25.800
598.	7.058	34.575	7.000	27.077	600.	7.152	34.581	7.094	27.067
798.	5.510	34.546	5.441	27.255	1001.	4.674	34.552	4.593	27.358
1010.	4.543	34.556	4.462	27.375	3004.	1.668	34.672	1.448	27.735
1010.	4.543	34.555	4.462	27.375	3002.	1.668	34.673	1.447	27.735

CAST GP3-96-KA-0101 LAT 00 00.1S LONG 179 55.3W

CAST GP3-96-KA-0111 LAT 02 00.1S LONG 179 52.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.792	34.940	28.789	22.088	10.	29.032	35.475	29.030	22.412
200.	15.316	34.965	15.285	25.850	197.	16.700	35.348	16.668	25.857
600.	7.142	34.578	7.084	27.069	598.	6.785	34.561	6.729	27.101
801.	5.506	34.545	5.437	27.256	798.	5.571	34.538	5.502	27.242
1001.	4.652	34.553	4.571	27.361	1003.	4.367	34.553	4.289	27.391
1001.	4.653	34.552	4.572	27.361	1003.	4.368	34.553	4.289	27.391

CAST GP3-96-KA-0091 LAT 00 30.1N LONG 179 53.6W

CAST GP3-96-KA-0121 LAT 02 59.8S LONG 179 59.9E CAST GP3-96-KA-0141 LAT 04 55.5S LONG 179 56.8E

CAST GP3-96-KA-0121	LAT 02 59.8S	LONG 179 59.9E	CAST GP3-96-KA-0141	LAT 04 55.5S	LONG 179 56.8E				
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
6.	29.227	35.443	29.226	22.322	10.	29.334	34.905	29.332	21.883
202.	15.339	35.236	15.308	26.081	301.	10.638	34.800	10.602	26.685
602.	6.760	34.558	6.703	27.104	2001.	2.276	34.639	2.136	27.659
799.	5.410	34.547	5.342	27.267	3001.	1.644	34.679	1.424	27.740
1002.	4.469	34.553	4.389	27.381	5300.	1.265	34.708	0.802	27.792
1001.	4.470	34.554	4.390	27.381	5298.	1.265	34.708	0.802	27.792

CAST GP3-96-KA-0131 LAT 03 59.3S LONG 179 59.6W CAST GP3-96-KA-0142 LAT 05 00.8S LONG 179 55.5W

CAST GP3-96-KA-0131	LAT 03 59.3S	LONG 179 59.6W	CAST GP3-96-KA-0142	LAT 05 00.8S	LONG 179 55.5W				
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	29.115	35.413	29.113	22.338	10.	29.354	34.944	29.352	21.906
198.	17.455	35.456	17.421	25.750	200.	18.137	35.531	18.103	25.636
600.	6.821	34.576	6.765	27.110	300.	10.793	34.813	10.757	26.668
799.	5.293	34.540	5.226	27.276	399.	9.076	34.687	9.032	26.861
1000.	4.395	34.554	4.316	27.390	504.	7.860	34.618	7.809	26.996
1001.	4.396	34.554	4.317	27.391	504.	7.857	34.618	7.806	26.997

CAST GP3-96-KA-0151 LAT 05 59.8S LONG 179 59.9E

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	29.261	35.047	29.258	22.015	200.	20.854	35.902	20.816	25.213
201.	19.936	35.755	19.899	25.353	599.	6.838	34.557	6.781	27.092
600.	7.238	34.576	7.180	27.050	698.	6.033	34.528	5.971	27.176
799.	5.634	34.536	5.565	27.230	800.	5.362	34.518	5.294	27.251
1000.	4.537	34.542	4.457	27.364	997.	4.457	34.527	4.378	27.362
1001.	4.537	34.542	4.457	27.364	1000.	4.443	34.527	4.364	27.364

CAST GP3-96-KA-0171 LAT 07 59.2S LONG 179 51.0W

CAST GP3-96-KA-0181 LAT 07 58.8S LONG 165 06.2E

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	29.064	35.182	29.061	22.182	10.	28.979	34.623	28.977	21.792
199.	23.071	36.102	23.030	24.741	200.	21.002	35.859	20.963	25.128
600.	6.467	34.543	6.412	27.131	595.	6.658	34.545	6.602	27.106
799.	5.202	34.538	5.135	27.285	800.	5.295	34.521	5.228	27.259
1003.	4.280	34.547	4.202	27.397	1000.	4.338	34.520	4.259	27.368
1002.	4.286	34.548	4.207	27.396	1000.	4.339	34.520	4.261	27.368

CAST GP3-96-KA-0161 LAT 07 00.4S LONG 179 59.6E

CAST GP3-96-KA-0182 LAT 08 02.6S LONG 164 48.7E

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
15.	28.991	34.623	28.987	21.786	12.	29.198	35.391	29.195	22.293
201.	22.644	35.964	22.603	24.769	199.	14.467	35.148	14.437	26.207
301.	13.998	35.102	13.954	26.264	601.	6.570	34.535	6.515	27.111
399.	9.677	34.722	9.631	26.791	800.	5.417	34.531	5.349	27.253
497.	8.076	34.614	8.025	26.962	1003.	4.343	34.553	4.265	27.394
499.	8.071	34.614	8.019	26.963	1003.	4.342	34.553	4.263	27.395

CAST GP3-96-KA-0182 LAT 08 02.6S LONG 164 48.7E

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
13.	29.473	34.588	29.470	21.597	14.	28.676	35.366	28.673	22.449
199.	16.956	35.419	16.924	25.849	300.	12.153	34.891	12.114	26.477
599.	6.912	34.567	6.856	27.088	1997.	2.279	34.638	2.139	27.659
801.	5.454	34.528	5.385	27.248	3001.	1.666	34.671	1.445	27.735
1001.	4.584	34.532	4.504	27.352	4101.	1.408	34.696	1.081	27.772
1000.	4.585	34.532	4.505	27.352	4102.	1.407	34.696	1.080	27.772

CAST GP3-96-KA-0201 LAT 01 54.5S LONG 164 19.2E

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
13.	29.473	34.588	29.470	21.597	14.	28.676	35.366	28.673	22.449
199.	16.956	35.419	16.924	25.849	300.	12.153	34.891	12.114	26.477
599.	6.912	34.567	6.856	27.088	1997.	2.279	34.638	2.139	27.659
801.	5.454	34.528	5.385	27.248	3001.	1.666	34.671	1.445	27.735
1001.	4.584	34.532	4.504	27.352	4101.	1.408	34.696	1.081	27.772
1000.	4.585	34.532	4.505	27.352	4102.	1.407	34.696	1.080	27.772

CAST GP3-96-KA-0191 LAT 04 59.2S LONG 165 11.5E

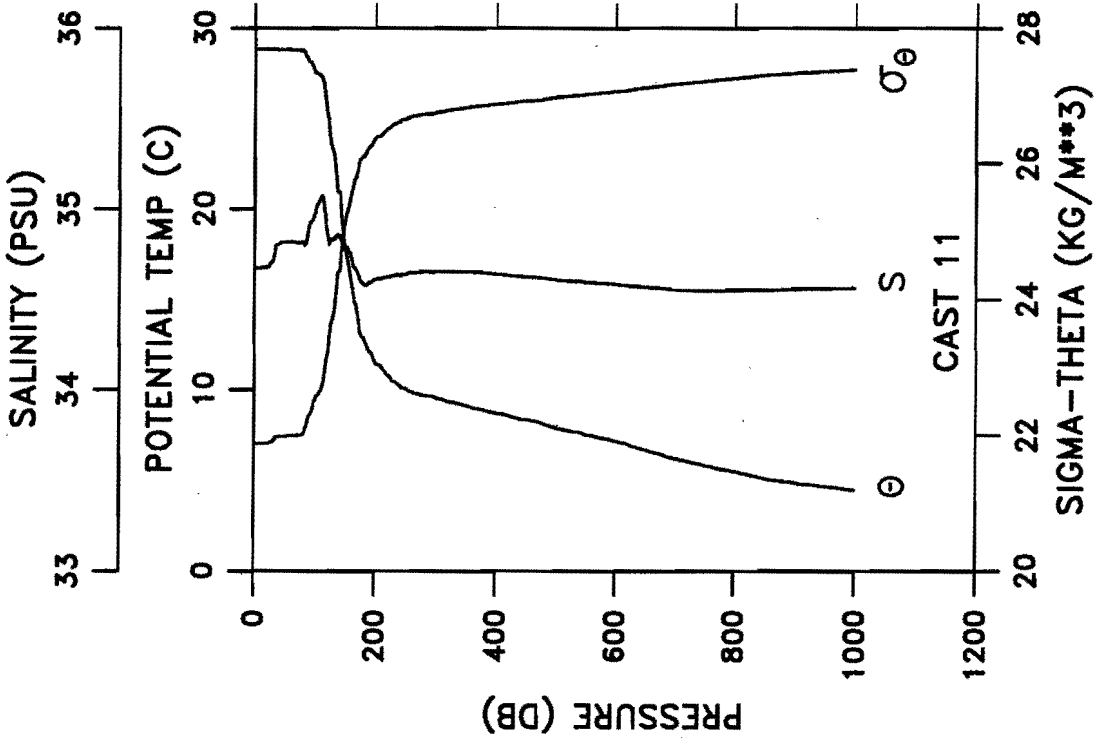
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
13.	29.473	34.588	29.470	21.597	14.	28.676	35.366	28.673	22.449
199.	16.956	35.419	16.924	25.849	300.	12.153	34.891	12.114	26.477
599.	6.912	34.567	6.856	27.088	1997.	2.279	34.638	2.139	27.659
801.	5.454	34.528	5.385	27.248	3001.	1.666	34.671	1.445	27.735
1001.	4.584	34.532	4.504	27.352	4101.	1.408	34.696	1.081	27.772
1000.	4.585	34.532	4.505	27.352	4102.	1.407	34.696	1.080	27.772

CAST GP3-96-KA-0221 LAT 05 03.5N LONG 164 58.5E

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
15.	29.187	34.442	29.183	21.585
201.	12.861	34.574	12.833	26.087
599.	6.938	34.559	6.881	27.081
799.	5.422	34.543	5.354	27.265
1005.	4.407	34.559	4.328	27.394
1004.	4.404	34.559	4.325	27.394

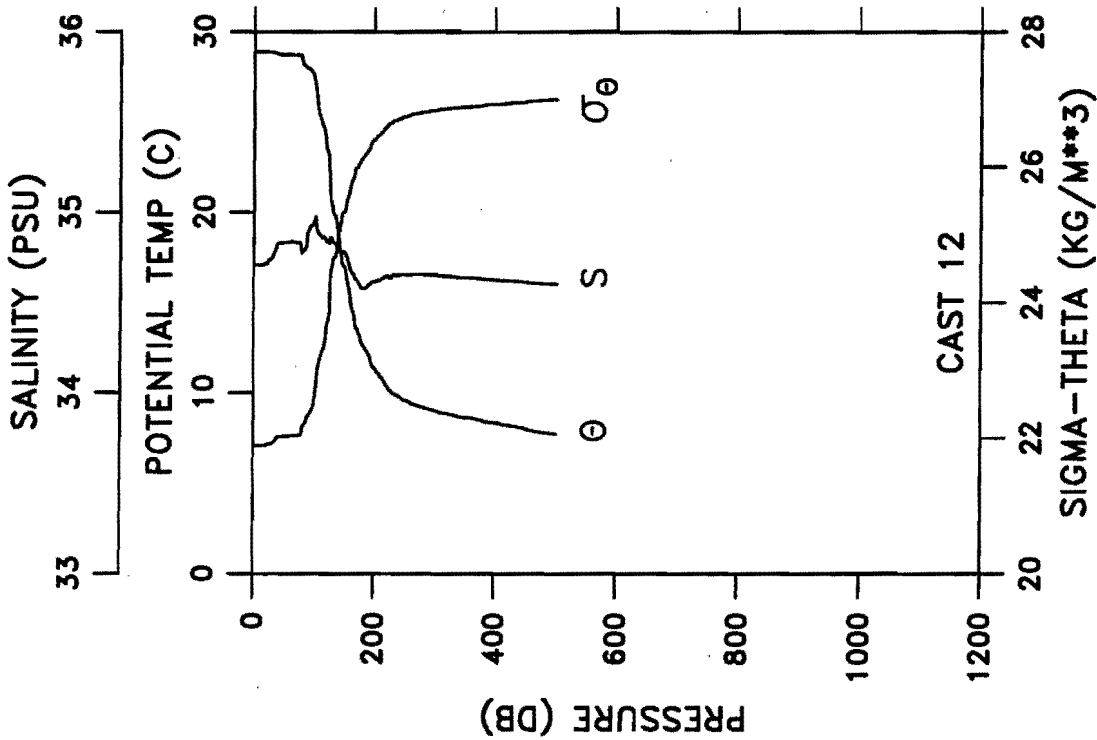
GP4-96-KA
July 19-August 14, 1996
CTD and Hydrographic Data Summary

CAST GP4-96-KA-0011 DATE 25 JUL 96 TIME 1530 GMT
 LAT 05 04.1N LONG 169 56.2W WEATHER 1 SEA STATE 1
 BAROMETER 09 WIND DIR 125 T SPD 13 KT VISIBILITY 7
 CLOUD 2 AMOUNT DRY 27.7 WET 25.6 DEPTH M



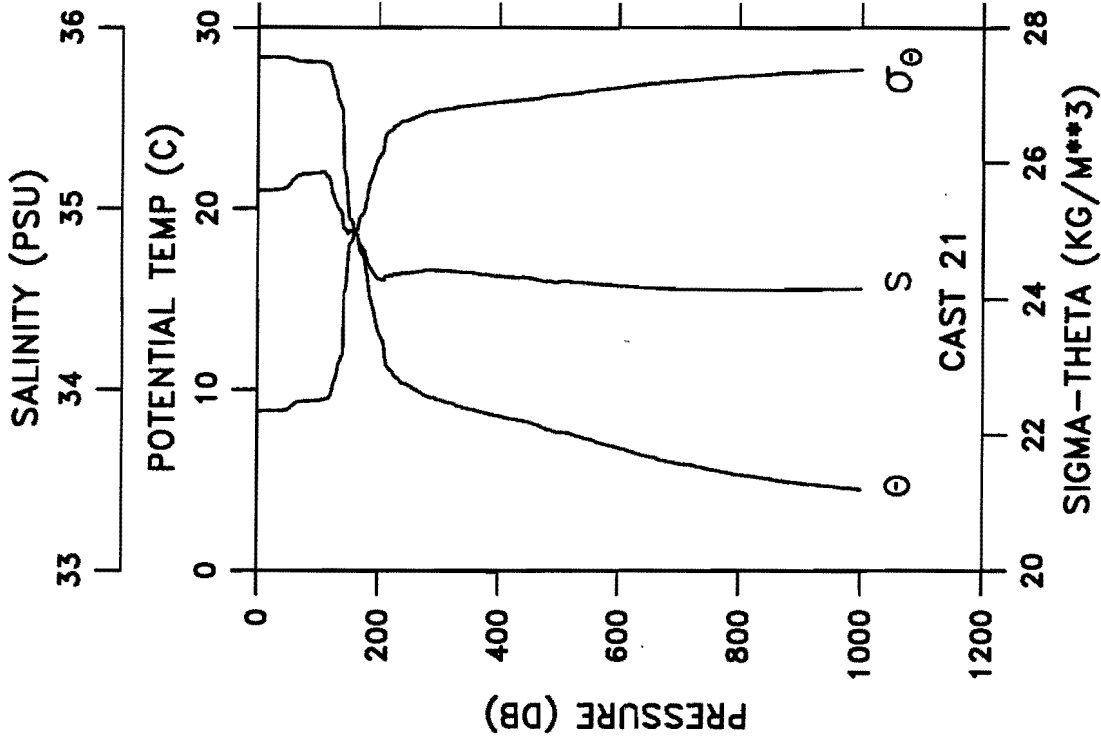
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.851	34.877	21.873	0.000
10	28.849	34.874	21.872	0.059
20	28.854	34.880	21.875	0.119
30	28.851	34.706	21.896	0.178
40	28.828	34.808	21.979	0.237
50	28.838	34.818	21.984	0.295
60	28.813	34.819	21.993	0.354
70	28.795	34.815	21.996	0.412
80	28.777	34.821	22.006	0.471
90	28.152	34.904	22.275	0.528
100	27.581	34.971	22.511	0.583
110	27.349	35.062	22.655	0.636
120	25.329	34.880	23.152	0.687
130	23.192	34.830	23.751	0.731
140	20.912	34.855	24.409	0.769
150	17.810	34.788	25.157	0.802
160	15.971	34.733	25.550	0.828
170	14.288	34.655	25.858	0.851
180	12.913	34.587	26.091	0.872
190	12.138	34.592	26.247	0.890
200	11.505	34.610	26.380	0.908
250	10.081	34.638	26.656	0.985
300	9.564	34.657	26.758	1.054
350	9.137	34.654	26.825	1.120
400	8.732	34.641	26.879	1.183
450	8.371	34.626	26.925	1.245
500	7.921	34.609	26.979	1.304
550	7.530	34.586	27.026	1.361
600	7.161	34.584	27.069	1.416
650	6.885	34.570	27.123	1.470
700	6.193	34.555	27.176	1.520
750	5.814	34.550	27.220	1.569
800	5.479	34.550	27.262	1.615
900	4.867	34.557	27.339	1.701
1000	4.477	34.564	27.389	1.782
1500	2.933	34.608	27.578	2.128
2000	2.190	34.640	27.668	2.413
2500	1.720	34.664	27.724	2.660
3000	1.474	34.675	27.751	2.893
3500	1.284	34.683	27.772	3.119
4000	1.109	34.683	27.792	3.339
4010	1.105	34.683	27.792	3.343

CAST GP4-96-KA-0012 DATE 26 JUL 96 TIME 0713 GMT
 LAT 05 00.8N LONG 169 56.8W WEATHER 1 SEA STATE 4
 BAROMETER 09 WIND DIR 310 T SPD 13 KT VISIBILITY 7
 CLOUD 9 AMOUNT DRY 28.3 WET 25.0 DEPTH 5640 M



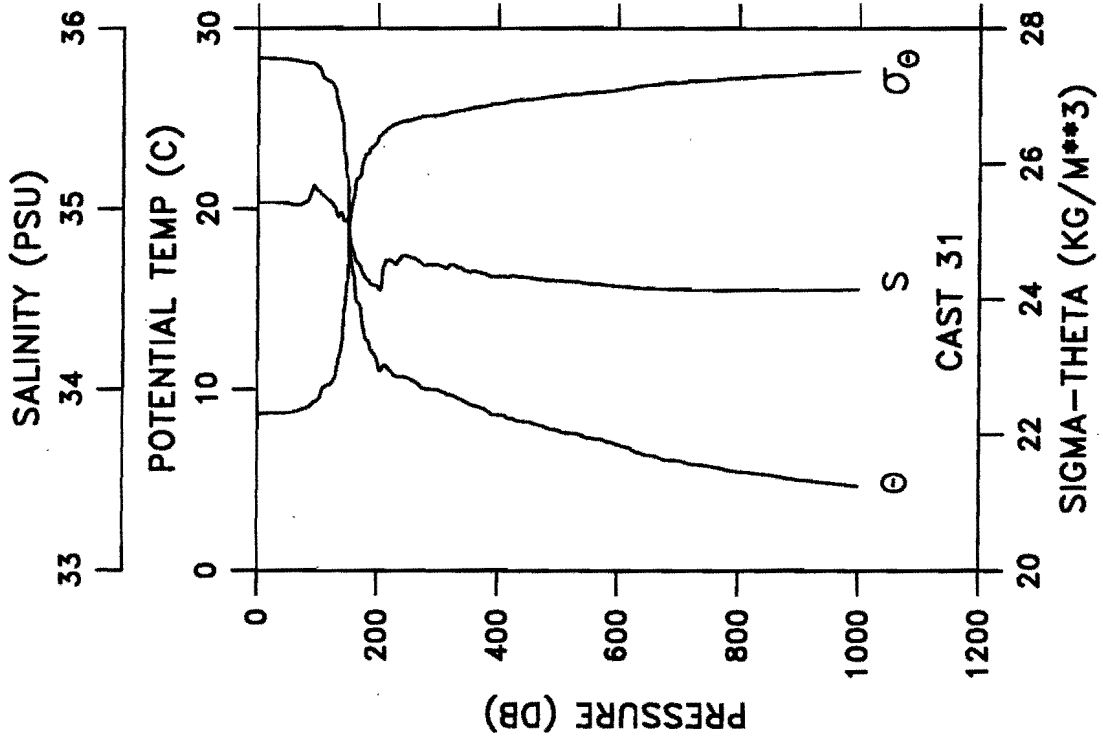
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.879	34.710	21.889	0.000
10	28.879	34.707	21.886	0.059
20	28.877	34.717	21.895	0.118
30	28.884	34.746	21.921	0.178
40	28.759	34.828	22.017	0.236
50	28.740	34.830	22.025	0.294
60	28.742	34.835	22.029	0.352
70	28.721	34.835	22.036	0.411
80	28.385	34.772	22.089	0.469
90	27.953	34.891	22.330	0.525
100	27.407	34.952	22.553	0.580
110	25.265	34.878	23.170	0.630
120	23.788	34.835	23.578	0.676
130	20.397	34.840	24.536	0.715
140	18.709	34.798	24.941	0.748
150	17.031	34.781	25.340	0.776
160	15.187	34.685	25.689	0.801
170	13.550	34.627	25.993	0.823
180	12.669	34.580	26.134	0.843
190	12.134	34.597	26.251	0.862
200	11.367	34.617	26.410	0.879
250	9.588	34.656	26.751	0.952
300	9.016	34.653	26.844	1.017
350	8.647	34.639	26.892	1.078
400	8.348	34.626	26.928	1.140
450	8.031	34.614	26.966	1.198
500	7.728	34.603	27.003	1.256
502	7.719	34.602	27.003	1.258

CAST GP4-96-KA-0021 DATE 26 JUL 96 TIME 1431 GMT
 LAT 04 00.3N LONG 169 59.7W WEATHER 1 SEA STATE 3
 BAROMETER 08 WIND DIR 103 T SPD 11 KT VISIBILITY 7
 CLOUD 1 AMOUNT DRY 28.0 WET 24.7 DEPTH 5810 M



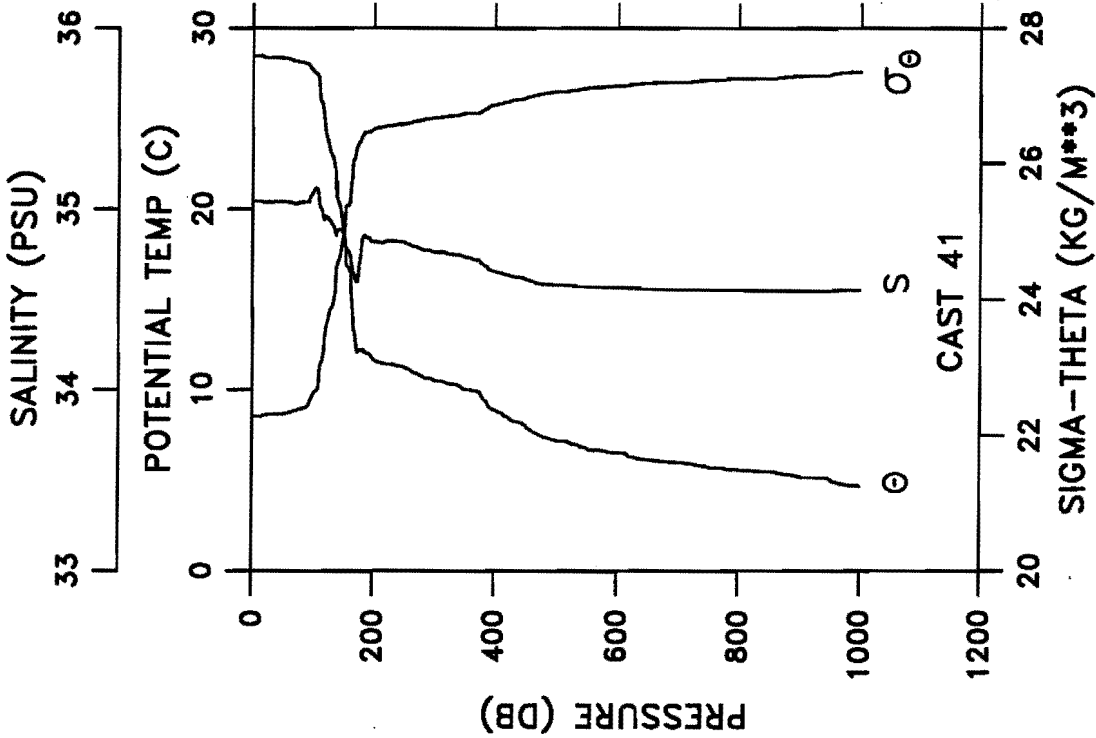
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.366	35.099	22.351	0.000
10	28.365	35.099	22.352	0.055
20	28.365	35.099	22.352	0.110
30	28.364	35.102	22.354	0.164
40	28.366	35.106	22.358	0.219
50	28.339	35.123	22.378	0.274
60	28.219	35.164	22.448	0.329
70	28.130	35.183	22.492	0.382
80	28.119	35.187	22.499	0.436
90	28.109	35.192	22.508	0.490
100	28.108	35.194	22.507	0.544
110	28.088	35.199	22.524	0.597
120	27.796	35.149	22.575	0.651
130	26.577	35.028	22.875	0.703
140	25.467	34.960	23.170	0.751
150	20.017	34.859	24.651	0.790
160	18.822	34.869	24.967	0.821
170	17.616	34.796	25.211	0.851
180	16.418	34.726	25.441	0.878
190	14.507	34.653	25.812	0.902
200	13.144	34.613	26.065	0.923
250	10.227	34.644	26.635	1.004
300	9.433	34.658	26.781	1.072
350	8.947	34.646	26.850	1.137
400	8.537	34.628	26.900	1.198
450	8.190	34.617	26.944	1.259
500	7.837	34.595	27.010	1.317
550	7.234	34.588	27.062	1.373
600	6.760	34.575	27.117	1.426
650	6.280	34.563	27.172	1.476
700	5.893	34.556	27.216	1.524
750	5.590	34.553	27.251	1.571
800	5.280	34.551	27.286	1.616
850	4.817	34.554	27.343	1.701
900	4.477	34.559	27.384	1.782
1000	4.437	34.559	27.389	1.788
1007				

CAST GP4-96-KA-0031 DATE 26 JUL 96 TIME 2136 GMT
 LAT 02 59.9N LONG 170 00.2W WEATHER 1 SEA STATE 1
 BAROMETER 09 WIND DIR 101 T SPD 11 KT VISIBILITY 7
 CLOUD 5 AMOUNT 8 DRY 28.3 WET 25.0 DEPTH 5445 M



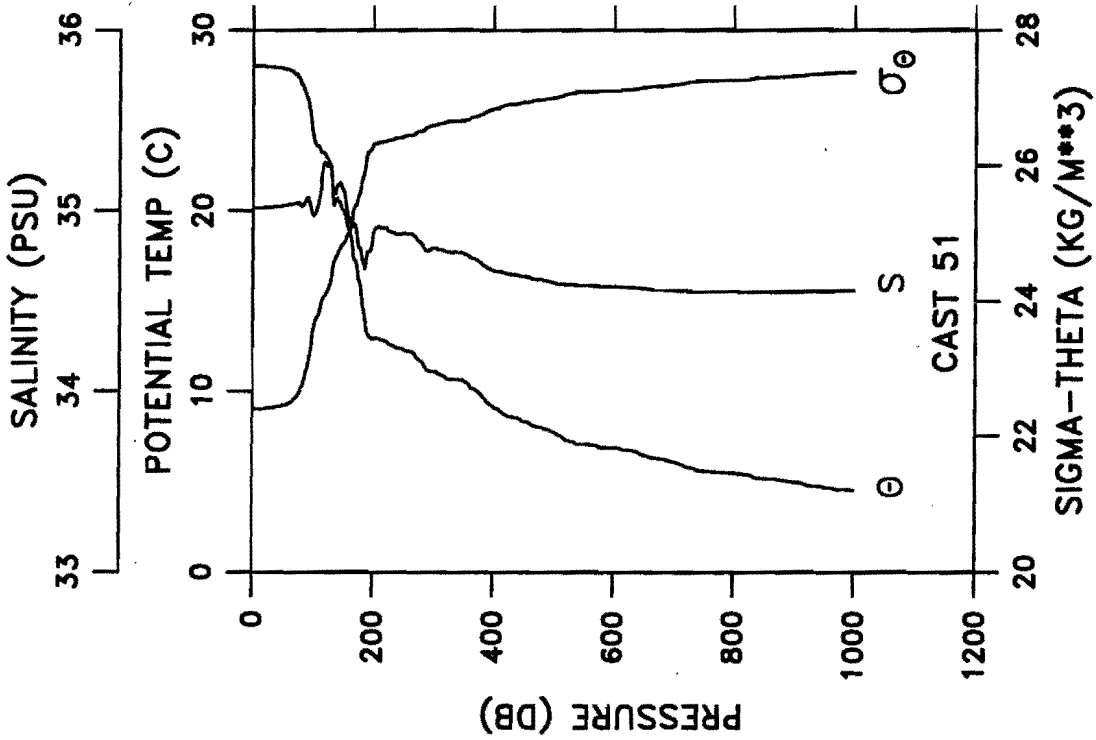
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.364	35.039	22.306	0.000
10	28.338	35.036	22.314	0.055
20	28.331	35.037	22.316	0.110
30	28.320	35.035	22.318	0.166
40	28.309	35.034	22.321	0.221
50	28.281	35.030	22.327	0.276
60	28.232	35.024	22.339	0.331
70	28.157	35.023	22.363	0.386
80	28.117	35.038	22.387	0.441
90	28.098	35.098	22.438	0.496
100	27.883	35.102	22.512	0.550
110	27.230	35.072	22.701	0.603
120	27.055	35.045	22.736	0.654
130	26.493	34.988	22.878	0.706
140	24.976	34.972	23.329	0.754
150	21.589	34.945	24.292	0.795
160	16.339	34.765	25.490	0.824
170	14.671	34.889	25.805	0.847
180	12.758	34.617	26.145	0.868
190	12.143	34.582	26.238	0.887
200	11.482	34.570	26.353	0.904
250	10.639	34.739	26.637	0.981
300	9.984	34.691	26.713	1.052
350	9.252	34.652	26.805	1.119
400	8.608	34.626	26.888	1.182
450	8.203	34.620	26.945	1.242
500	7.738	34.603	27.001	1.301
550	7.322	34.587	27.048	1.356
600	6.954	34.573	27.089	1.411
650	6.363	34.560	27.159	1.462
700	6.066	34.556	27.183	1.511
750	5.767	34.552	27.228	1.558
800	5.449	34.550	27.265	1.604
800	5.000	34.552	27.320	1.693
1000	4.631	34.556	27.365	1.776
1005	4.618	34.556	27.366	1.780

CAST GP4-96-KA-0041 DATE 27 JUL 96 TIME 0517 GMT
 LAT 01 58.1N LONG 170 03.2W WEATHER 1 SEA STATE 1
 BAROMETER 07 WIND DIR 090 T SPD 15 KT VISIBILITY 7
 CLOUD 5 AMOUNT 8 DRY 28.6 WET 24.6 DEPTH 5370 M



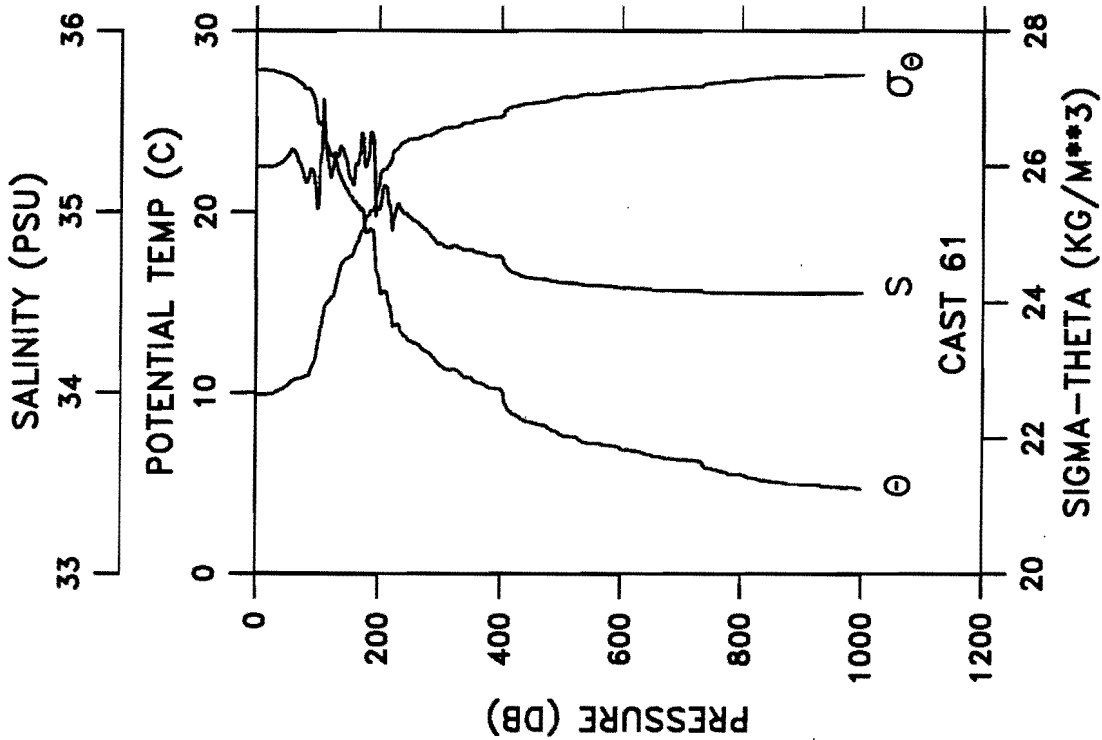
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.482	35.044	22.269	0.000
10	28.484	35.043	22.270	0.056
20	28.395	35.038	22.296	0.111
30	28.377	35.038	22.302	0.166
40	28.371	35.040	22.305	0.222
50	28.355	35.040	22.311	0.277
60	28.304	35.039	22.326	0.333
70	28.178	35.028	22.360	0.388
80	28.120	35.039	22.387	0.443
90	28.031	35.036	22.414	0.497
100	27.593	35.094	22.600	0.551
110	26.516	35.028	22.895	0.603
120	24.312	34.949	23.512	0.651
130	23.028	34.924	23.870	0.693
140	20.557	34.880	24.524	0.732
150	18.915	34.860	24.937	0.765
160	16.674	34.757	25.406	0.792
170	12.815	34.610	26.128	0.815
180	12.189	34.795	26.395	0.832
190	12.011	34.840	26.463	0.849
200	11.701	34.819	26.508	0.865
250	11.273	34.817	26.583	0.941
300	10.554	34.763	26.671	1.014
350	10.048	34.735	26.737	1.085
400	8.904	34.654	26.863	1.152
450	8.045	34.614	26.964	1.213
500	7.191	34.580	27.061	1.268
550	6.759	34.571	27.114	1.321
600	6.512	34.566	27.143	1.372
650	6.121	34.559	27.189	1.421
700	5.981	34.556	27.204	1.469
750	5.726	34.554	27.235	1.516
800	5.577	34.551	27.251	1.562
900	5.207	34.548	27.293	1.653
1000	4.679	34.553	27.357	1.739
1003	4.666	34.552	27.358	1.741

CAST GP4--86--KA--0051 DATE 27 JUL 96 TIME 1200 GMT
 LAT 00 59.9N LONG 170 00.1W WEATHER 1 SEA STATE 1
 BAROMETER 08 WIND DIR 075 T SPD 17 KT VISIBILITY 7
 CLOUD 4 AMOUNT DRY 28.0 WET 24.7 DEPTH 54-50 M



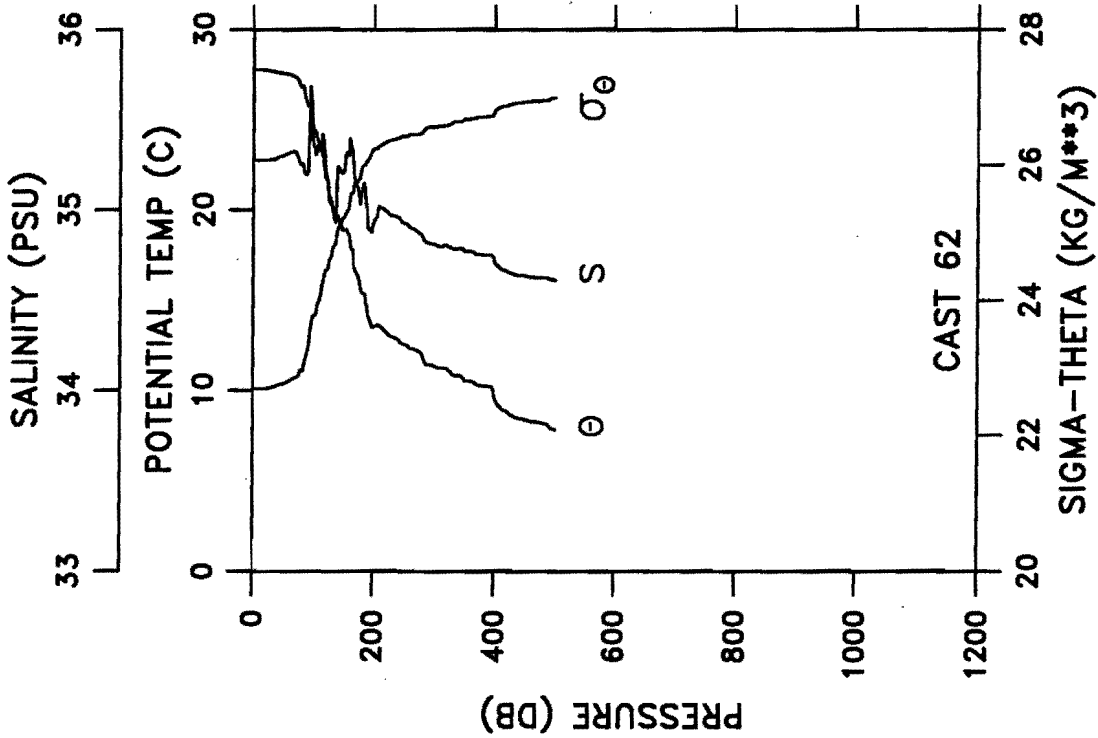
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIK-TH	DELTA-D (DTN-M)
0	28.012	35.018	22.406	0.000
10	28.015	35.016	22.404	0.054
20	28.007	35.017	22.407	0.108
30	27.956	35.019	22.426	0.163
40	27.925	35.022	22.438	0.217
50	27.868	35.028	22.461	0.271
60	27.797	35.034	22.489	0.325
70	27.571	35.041	22.567	0.378
80	27.038	35.027	22.728	0.431
90	26.224	35.072	23.019	0.481
100	24.132	34.974	23.565	0.527
110	23.517	35.066	23.835	0.569
120	23.146	35.261	24.091	0.609
130	22.186	35.217	24.332	0.647
140	20.729	35.144	24.679	0.681
150	20.036	35.115	24.841	0.713
160	18.790	34.948	25.036	0.744
170	17.231	34.920	25.389	0.772
180	15.296	34.763	25.724	0.797
190	13.216	34.770	26.171	0.818
200	12.905	34.871	26.313	0.836
250	12.328	34.875	26.429	0.921
300	11.087	34.792	26.598	1.001
350	10.619	34.766	26.662	1.074
400	9.124	34.667	26.838	1.143
450	8.343	34.835	26.936	1.205
500	7.744	34.603	27.000	1.263
550	7.059	34.587	27.086	1.318
600	6.863	34.580	27.107	1.370
650	6.447	34.569	27.154	1.422
700	6.079	34.559	27.194	1.471
750	5.571	34.552	27.252	1.518
800	5.463	34.551	27.265	1.563
900	4.967	34.550	27.322	1.651
1000	4.505	34.556	27.379	1.733
1005	4.491	34.556	27.381	1.737

CAST GP4-96-KA-0061 DATE 28 JUL 96 TIME 1009 GMT
 LAT 00 00.2S LONG 169 47.5W WEATHER 1 SEA STATE 1
 BAROMETER 09 WIND DIR 065 T SPD 17 KT VISIBILITY 4
 CLOUD 9 AMOUNT DRY 27.8 WET 25.0 DEPTH 5370 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.831	35.250	22.640	0.000
10	27.837	35.249	22.637	0.052
20	27.804	35.249	22.648	0.104
30	27.749	35.251	22.667	0.156
40	27.655	35.269	22.712	0.208
50	27.558	35.300	22.766	0.259
60	27.391	35.339	22.850	0.310
70	27.143	35.270	22.877	0.360
80	26.796	35.167	22.911	0.410
90	26.574	35.235	23.033	0.459
100	24.909	35.016	23.383	0.507
110	24.958	35.614	23.820	0.550
120	23.249	35.219	24.029	0.590
130	22.763	35.321	24.247	0.628
140	21.681	35.350	24.574	0.664
150	21.029	35.217	24.653	0.698
160	20.552	35.185	24.758	0.731
170	20.149	35.358	24.997	0.762
180	18.855	35.268	25.264	0.791
190	18.949	35.416	25.353	0.818
200	16.196	35.013	25.713	0.843
250	12.882	34.971	26.394	0.939
300	11.561	34.826	26.537	1.021
350	10.849	34.789	26.639	1.097
400	10.175	34.751	26.728	1.169
450	8.377	34.633	26.929	1.231
500	7.663	34.609	27.017	1.290
550	7.203	34.592	27.070	1.345
600	6.865	34.580	27.106	1.399
650	6.535	34.571	27.144	1.450
700	6.287	34.563	27.171	1.500
750	5.799	34.554	27.226	1.549
800	5.477	34.551	27.263	1.595
800	4.938	34.548	27.324	1.681
1000	4.678	34.553	27.357	1.765
1500	3.071	34.599	27.558	2.123
2000	2.125	34.640	27.673	2.405
2500	1.678	34.663	27.727	2.650
3000	1.438	34.674	27.753	2.882
3500	1.270	34.682	27.771	3.107
4000	1.086	34.693	27.792	3.327
4500	0.881	34.704	27.815	3.537
5000	0.829	34.706	27.820	3.744
5002	0.829	34.706	27.820	3.744

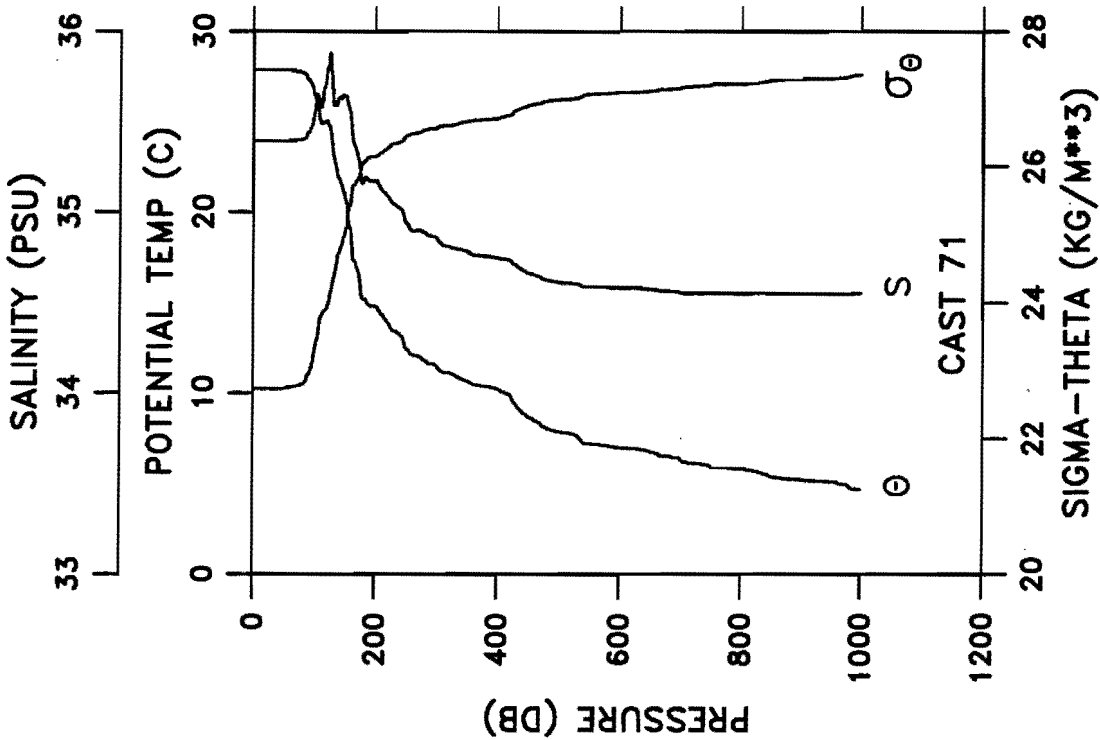
CAST GP4-96-KA-0062 DATE 29 JUL 96 TIME 0751 GMT
 LAT 00 01.2S LONG 170 04.3W WEATHER 1 SEA STATE 1
 BAROMETER 10 WIND DIR 083 T SPD 15 KT VISIBILITY 4
 CLOUD 9 AMOUNT DRY 27.9 WET 24.8 DEPTH 5520 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.747	35.278	22.688	0.000
10	27.743	35.276	22.689	0.052
20	27.730	35.277	22.683	0.103
30	27.688	35.280	22.709	0.155
40	27.620	35.290	22.739	0.208
50	27.567	35.303	22.766	0.257
60	27.490	35.318	22.802	0.308
70	27.337	35.321	22.853	0.359
80	26.817	35.254	22.989	0.408
90	25.862	35.207	23.234	0.457
100	24.496	35.364	23.771	0.501
110	23.659	35.333	23.996	0.542
120	21.811	35.223	24.441	0.579
130	20.513	35.040	24.657	0.613
140	18.709	35.242	25.024	0.645
150	18.881	35.209	25.212	0.674
160	18.547	35.397	25.441	0.701
170	16.570	35.146	25.729	0.725
180	15.456	35.097	25.947	0.748
190	14.368	34.931	26.057	0.768
200	13.529	34.931	26.232	0.787
250	12.552	34.928	26.427	0.874
300	11.345	34.809	26.564	0.955
350	10.556	34.772	26.678	1.030
400	9.558	34.712	26.802	1.100
450	8.393	34.636	26.929	1.163
500	7.848	34.612	26.992	1.222
501	7.830	34.610	26.993	1.223

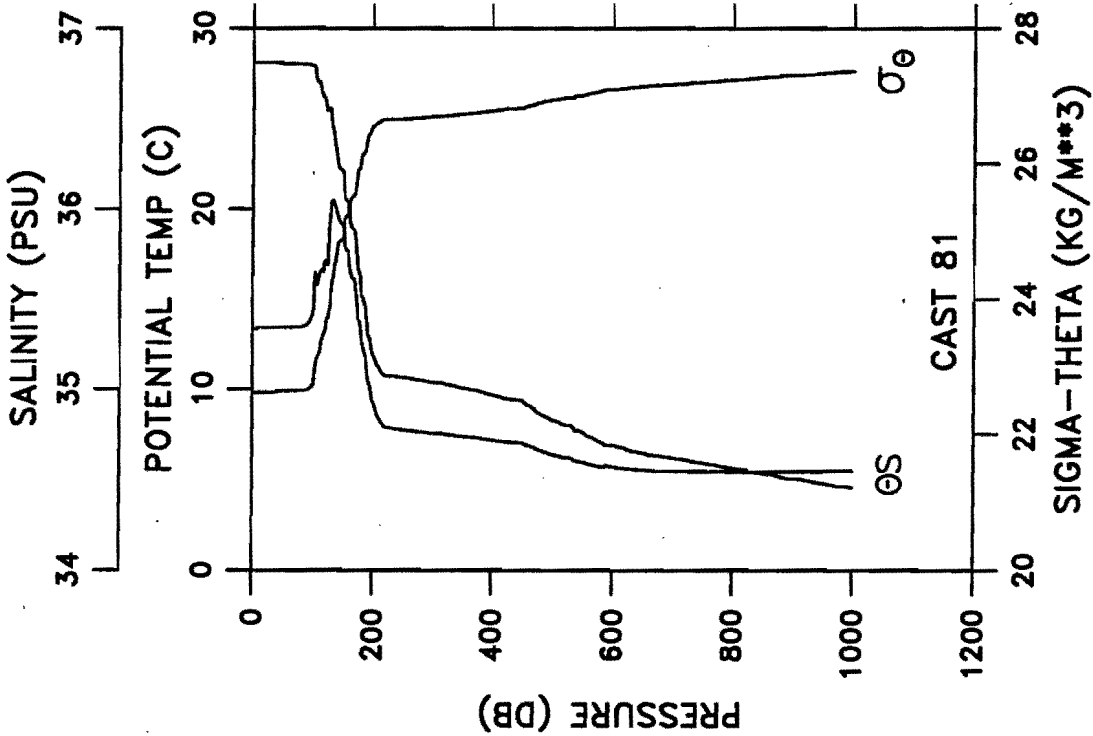
CAST GP4-96-KA-0071 DATE 29 JUL 96 TIME 1450 GMT
 LAT 01 00.1S LONG 169 59.9W WEATHER 1 SEA STATE 1
 BAROMETER 09 WIND DIR 070 T SPD 13 KT VISIBILITY 7
 CLOUD 3 AMOUNT DRY 27.7 WET 24.2 DEPTH 5250 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.883	35.396	22.733	0.000
10	27.881	35.392	22.731	0.051
20	27.881	35.393	22.731	0.102
30	27.881	35.393	22.731	0.154
40	27.880	35.393	22.732	0.205
50	27.867	35.393	22.736	0.256
60	27.826	35.395	22.751	0.307
70	27.769	35.397	22.771	0.358
80	27.687	35.402	22.801	0.410
90	27.322	35.441	22.949	0.460
100	26.552	35.530	23.262	0.509
110	25.025	35.584	23.777	0.553
120	25.004	35.750	23.909	0.594
130	23.548	35.692	24.301	0.632
140	21.884	35.628	24.727	0.667
150	20.803	35.641	25.037	0.698
160	18.703	35.514	25.491	0.726
170	16.859	35.325	25.799	0.749
180	15.189	35.164	26.058	0.770
190	14.851	35.170	26.137	0.790
200	14.801	35.172	26.149	0.809
250	12.463	34.941	26.455	0.898
300	11.507	34.853	26.569	0.977
350	10.667	34.781	26.665	1.052
400	10.253	34.746	26.711	1.123
450	8.888	34.663	26.904	1.190
500	7.868	34.612	26.989	1.249
550	7.196	34.589	27.068	1.305
600	6.986	34.582	27.091	1.358
650	6.745	34.574	27.118	1.412
700	6.311	34.553	27.160	1.463
750	5.925	34.553	27.209	1.512
800	5.815	34.549	27.220	1.559
800	5.221	34.548	27.292	1.650
900	4.691	34.551	27.355	1.737
1003	4.687	34.550	27.355	1.739

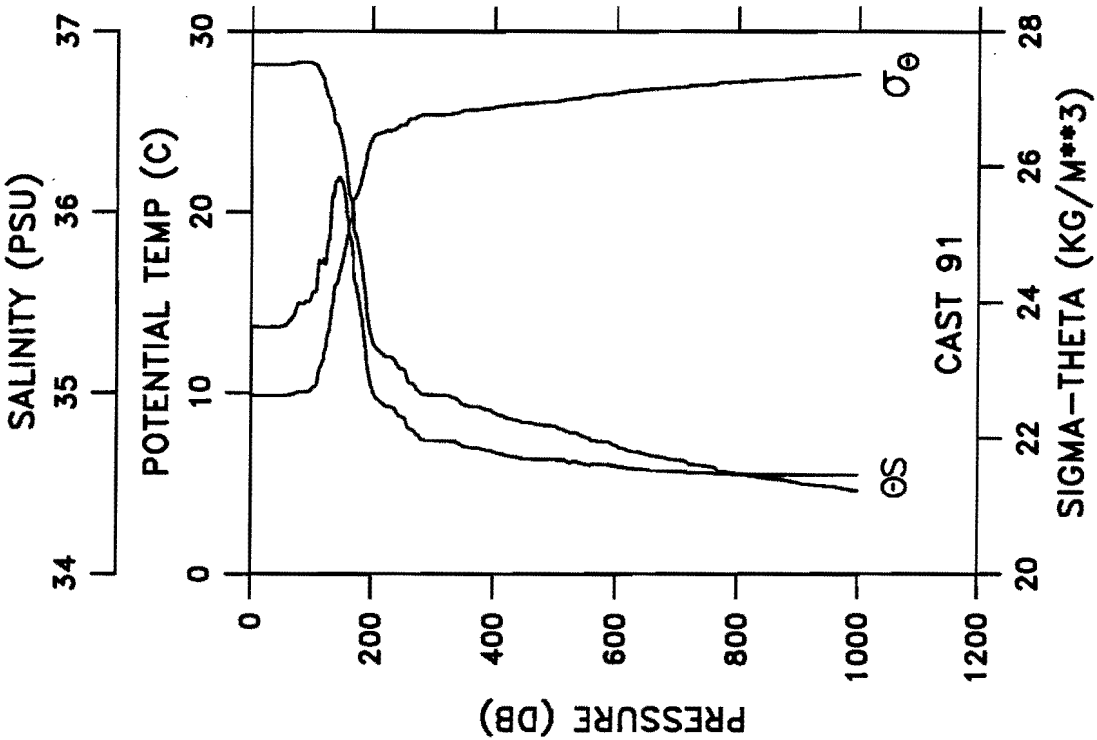


CAST GP4-96-KA-0081 DATE 30 JUL 96 TIME 0709 GMT
 LAT 02 13.6S LONG 170 00.3W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 084 T SPD 22 KT VISIBILITY 6
 CLOUD 4 AMOUNT 8 DRY 28.8 WET 25.4 DEPTH 4350 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.103	35.334	22.614	0.000
10	28.100	35.343	22.622	0.052
20	28.105	35.344	22.621	0.104
30	28.107	35.344	22.621	0.157
40	28.085	35.344	22.628	0.209
50	28.039	35.343	22.642	0.261
60	28.033	35.344	22.645	0.314
70	28.029	35.345	22.647	0.366
80	28.020	35.348	22.652	0.418
90	28.004	35.358	22.665	0.470
100	27.946	35.424	22.734	0.522
110	27.048	35.625	23.175	0.571
120	26.124	35.711	23.533	0.617
130	25.114	36.022	24.081	0.659
140	22.968	35.981	24.689	0.694
150	22.114	35.913	24.881	0.726
160	19.904	35.708	25.328	0.755
170	18.699	35.591	25.550	0.780
180	15.650	35.280	26.052	0.802
190	13.621	35.100	26.344	0.821
200	11.898	34.931	26.556	0.837
250	10.659	34.776	26.662	0.910
300	10.363	34.758	26.697	0.981
350	10.079	34.741	26.736	1.050
400	9.702	34.719	26.784	1.119
450	9.385	34.703	26.824	1.185
500	8.307	34.638	26.944	1.247
550	7.626	34.587	27.013	1.306
600	6.896	34.574	27.098	1.360
650	6.474	34.555	27.140	1.412
700	6.194	34.548	27.171	1.462
750	5.940	34.547	27.202	1.511
800	5.654	34.546	27.237	1.558
900	5.063	34.545	27.307	1.648
1000	4.574	34.549	27.366	1.732
1004	4.531	34.550	27.371	1.735

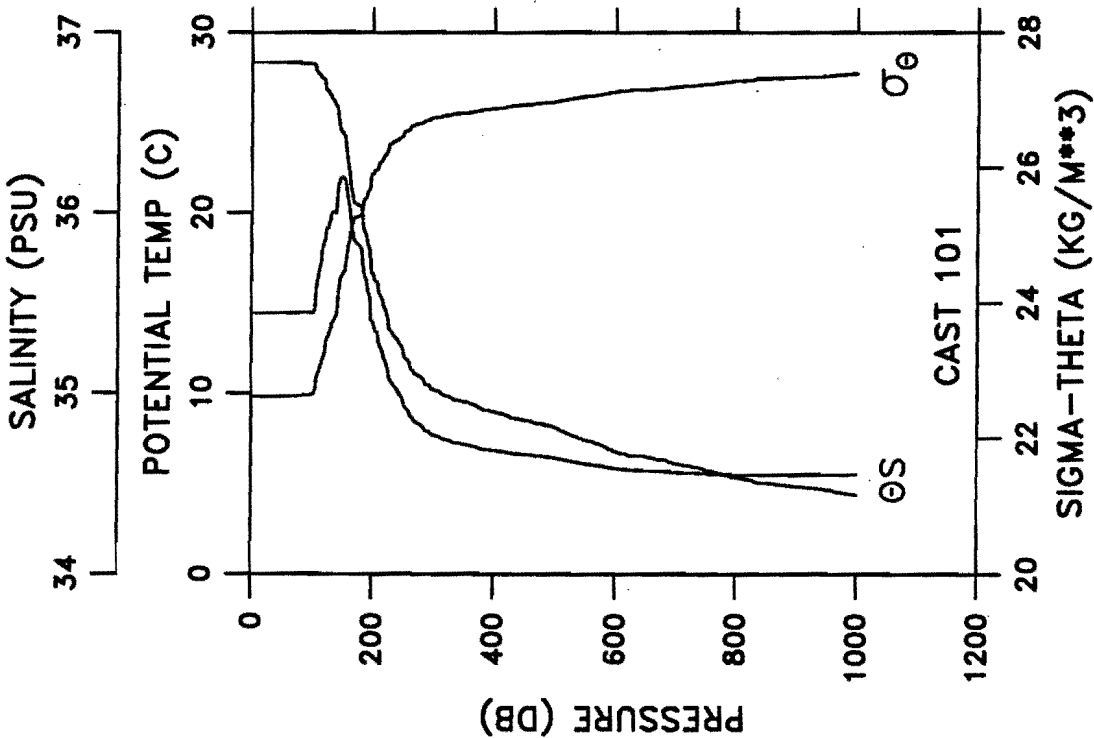


CAST GP4-86-KA-0091 DATE 30 JUL 96 TIME 1312 GMT
 LAT 02 59.7S LONG 169 59.8W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 095 T SPD 22 KT VISIBILITY 0
 CLOUD 9 AMOUNT DRY 27.9 WET 25.4 DEPTH 5070 M



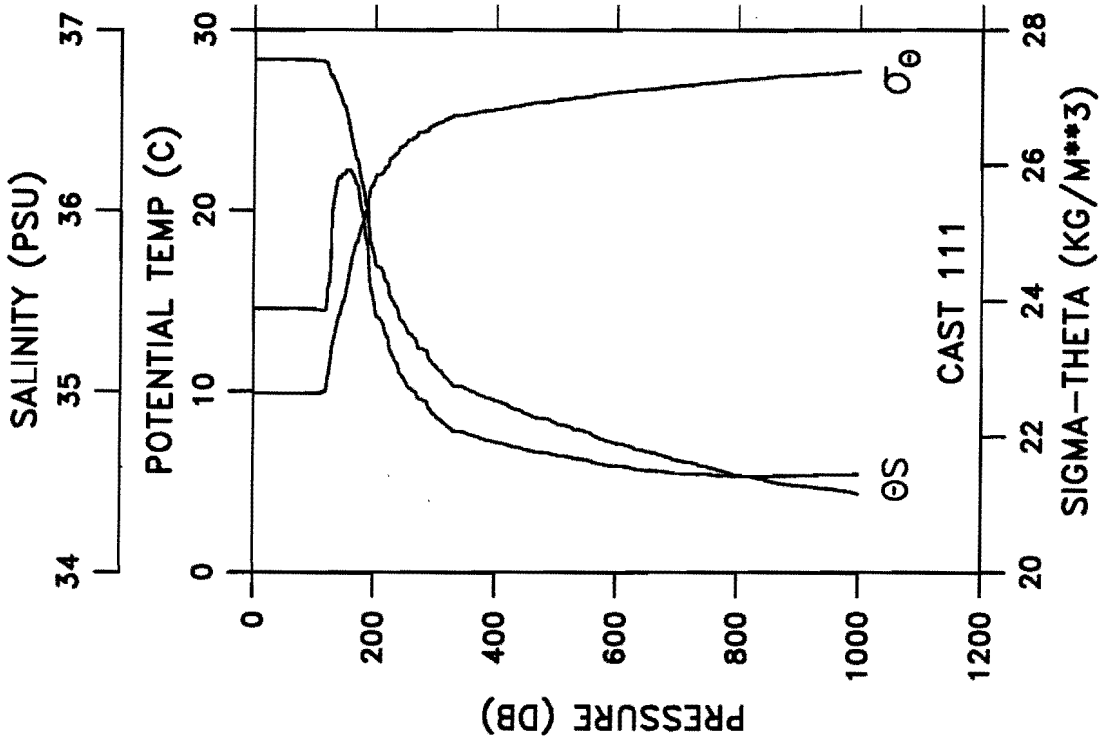
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.138	35.367	22.628	0.000
10	28.148	35.366	22.624	0.052
20	28.143	35.364	22.624	0.104
30	28.145	35.365	22.624	0.157
40	28.144	35.365	22.624	0.209
50	28.146	35.367	22.625	0.261
60	28.166	35.385	22.632	0.314
70	28.204	35.427	22.651	0.366
80	28.272	35.495	22.680	0.418
90	28.285	35.505	22.683	0.470
100	28.234	35.540	22.726	0.522
110	27.938	35.654	22.909	0.573
120	27.340	35.739	23.167	0.622
130	26.130	35.904	23.677	0.667
140	24.854	36.168	24.270	0.706
150	23.835	36.163	24.573	0.742
160	21.545	35.927	25.051	0.774
170	18.922	35.631	25.525	0.802
180	17.659	35.476	25.722	0.826
190	15.215	35.230	26.102	0.848
200	13.030	35.024	26.406	0.866
250	11.340	34.868	26.611	0.944
300	9.896	34.737	26.765	1.012
350	9.348	34.703	26.830	1.079
400	8.926	34.672	26.874	1.143
450	8.382	34.637	26.931	1.204
500	8.165	34.631	26.960	1.263
550	7.557	34.606	27.028	1.321
600	7.104	34.596	27.087	1.375
650	6.596	34.577	27.141	1.427
700	6.295	34.566	27.172	1.477
750	5.948	34.558	27.210	1.526
800	5.556	34.551	27.253	1.573
850	5.045	34.547	27.311	1.662
1000	4.621	34.549	27.361	1.746
1003	4.621	34.549	27.361	1.748

CAST GP4-96-KA-0101 DATE 30 JUL 96 TIME 1956 GMT
 LAT 04 00.0S LONG 169 59.7W WEATHER 1 SEA STATE 4
 BAROMETER 11 WIND DIR 108 T SPD 24 KT VISIBILITY 7
 CLOUD 2 AMOUNT 8 DRY 28.4 WET 25.1 DEPTH 5580 M



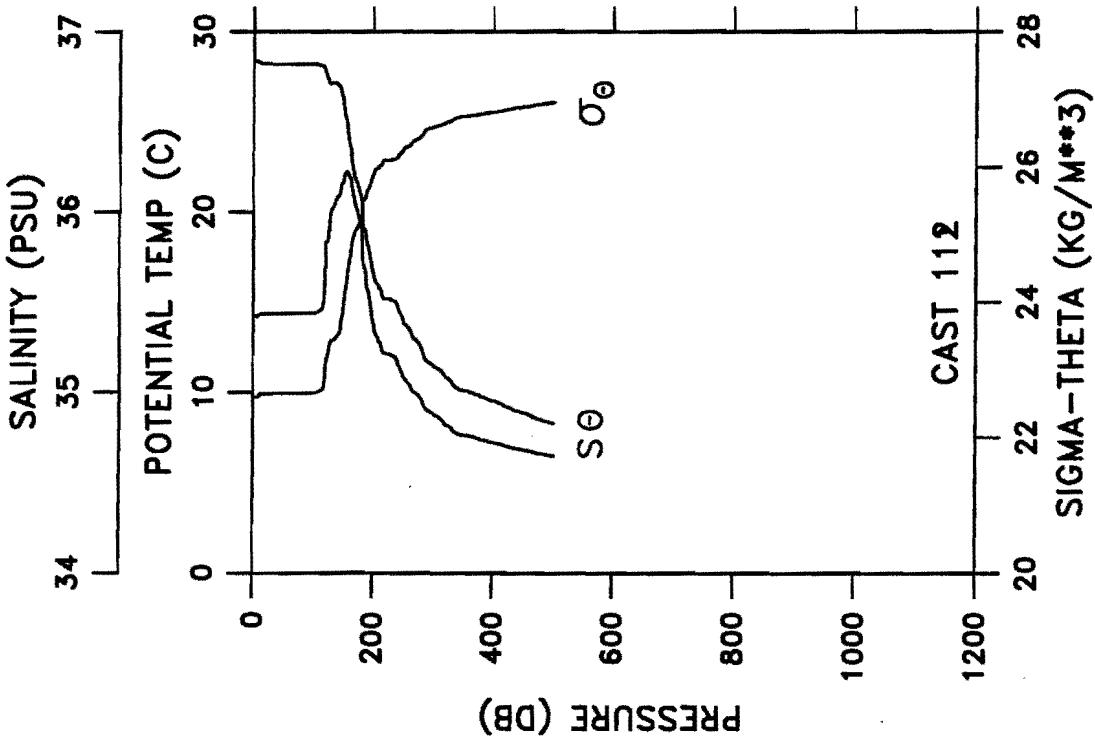
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.343	35.445	22.619	0.000
10	28.340	35.444	22.619	0.052
20	28.339	35.445	22.620	0.104
30	28.340	35.445	22.620	0.157
40	28.339	35.445	22.620	0.209
50	28.339	35.445	22.620	0.262
60	28.335	35.445	22.622	0.314
70	28.312	35.446	22.629	0.366
80	28.294	35.447	22.636	0.419
90	28.270	35.447	22.645	0.471
100	28.245	35.446	22.652	0.524
110	27.707	35.641	22.975	0.575
120	27.262	35.843	23.271	0.622
130	26.474	35.963	23.613	0.667
140	25.823	36.049	23.882	0.708
150	24.429	36.198	24.422	0.748
160	22.517	36.057	24.876	0.780
170	20.527	35.843	25.266	0.809
180	20.304	35.806	25.297	0.837
190	18.650	35.608	25.576	0.863
200	16.612	35.395	25.910	0.886
250	12.409	34.953	26.474	0.978
300	10.197	34.772	26.740	1.051
350	9.544	34.719	26.809	1.118
400	8.983	34.685	26.874	1.182
450	8.525	34.662	26.929	1.243
500	8.133	34.644	26.975	1.302
550	7.408	34.609	27.054	1.359
600	6.767	34.585	27.124	1.412
650	6.517	34.573	27.149	1.463
700	6.125	34.563	27.191	1.512
750	5.750	34.555	27.233	1.560
800	5.341	34.549	27.278	1.605
850	4.851	34.548	27.334	1.651
900	4.874	34.553	27.391	1.773
1000	4.374	34.553	27.391	1.775
1003	4.368	34.552	27.391	1.775

CAST GPA-96-KA-0111 DATE 31 JUL 96 TIME 0907 GMT
 LAT 05 00.6S LONG 170 07.0W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 100 T SPD 20 KT VISIBILITY 6
 CLOUD 2 AMOUNT 8 DRY 28.1 WET 24.8 DEPTH 5160 M



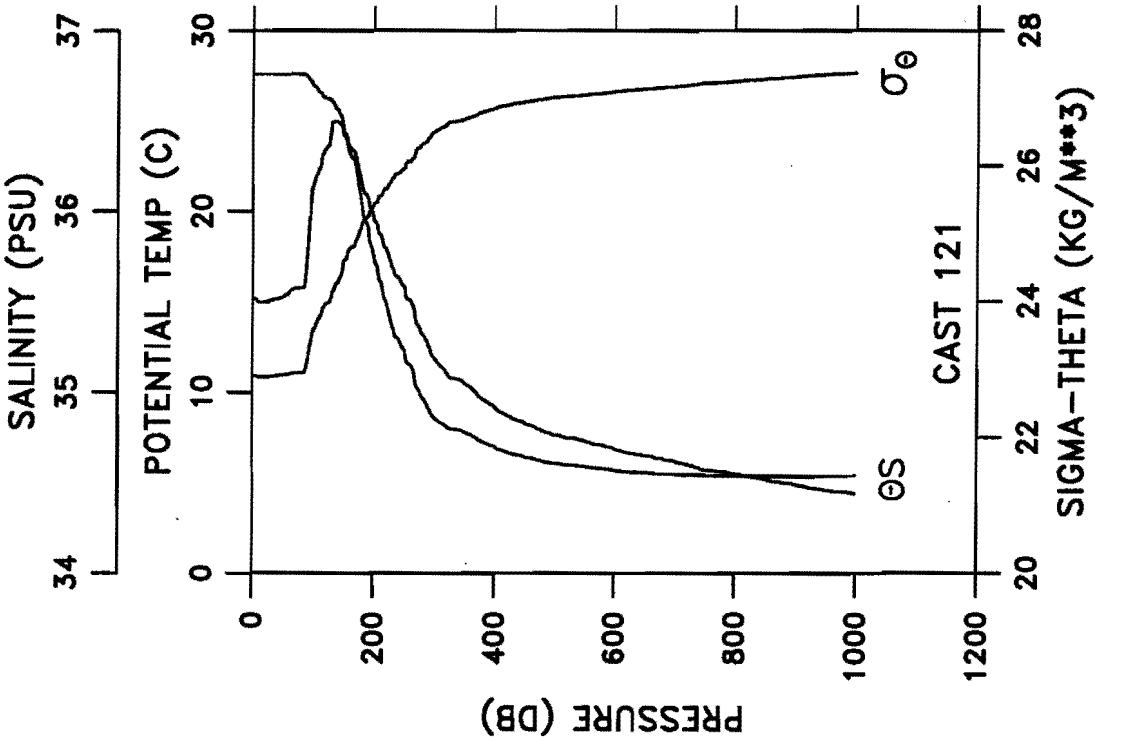
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.342	35.460	22.631	0.000
10	28.341	35.458	22.629	0.052
20	28.337	35.457	22.630	0.104
30	28.339	35.458	22.630	0.156
40	28.337	35.459	22.631	0.209
50	28.335	35.459	22.632	0.261
60	28.338	35.458	22.630	0.313
70	28.332	35.458	22.632	0.366
80	28.310	35.455	22.638	0.418
90	28.312	35.455	22.637	0.471
100	28.290	35.453	22.642	0.523
110	28.281	35.452	22.645	0.576
120	28.176	35.454	22.681	0.628
130	27.400	35.975	23.326	0.678
140	26.578	36.178	23.742	0.722
150	25.809	36.201	24.002	0.763
160	24.386	36.222	24.453	0.800
170	22.853	36.149	24.849	0.834
180	21.465	35.984	25.117	0.864
190	19.380	35.720	25.475	0.892
200	17.539	35.485	25.758	0.916
250	13.716	35.065	26.297	1.017
300	11.432	34.870	26.596	1.089
350	10.183	34.771	26.742	1.170
400	9.475	34.718	26.820	1.237
450	8.798	34.678	26.898	1.301
500	8.278	34.649	26.957	1.361
550	7.793	34.622	27.008	1.419
600	7.123	34.588	27.078	1.475
650	6.687	34.565	27.119	1.528
700	6.206	34.549	27.170	1.579
750	5.863	34.545	27.211	1.627
800	5.378	34.532	27.260	1.674
900	4.805	34.534	27.329	1.761
1000	4.336	34.545	27.399	1.843
1500	2.823	34.600	27.582	2.187
2000	2.042	34.642	27.682	2.462
2500	1.680	34.663	27.726	2.707
3000	1.444	34.675	27.754	2.939
3500	1.257	34.686	27.775	3.163
4000	1.112	34.693	27.781	3.362
4002	1.112	34.692	27.790	3.383

CAST GP4-96-KA-0112 DATE 01 AUG 96 TIME 0150 GMT
 LAT 04 59.8S LONG 169 58.7W WEATHER 1 SEA STATE 1
 BAROMETER 10 WIND DIR 080 T SPD 16 KT VISIBILITY 7
 CLOUD 4 AMOUNT 8 DRY 28.3 WET 25.1 DEPTH 6127 M

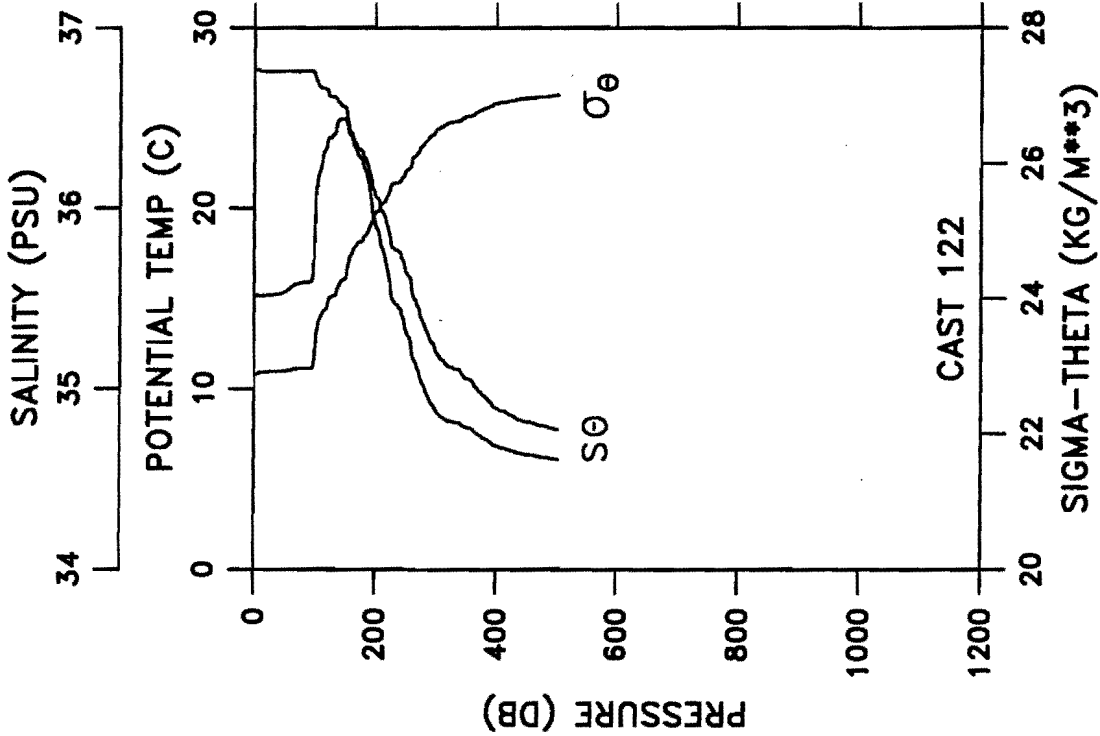


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.361	35.423	22.596	0.000
10	28.286	35.428	22.625	0.052
20	28.234	35.433	22.646	0.104
30	28.228	35.434	22.648	0.157
40	28.221	35.435	22.652	0.209
50	28.217	35.435	22.653	0.261
60	28.217	35.436	22.654	0.313
70	28.217	35.437	22.654	0.365
80	28.216	35.437	22.655	0.417
90	28.216	35.439	22.656	0.469
100	28.209	35.439	22.659	0.522
110	28.147	35.450	22.687	0.574
120	27.716	35.700	23.016	0.625
130	27.152	36.012	23.434	0.672
140	27.078	36.084	23.512	0.717
150	26.132	36.162	23.870	0.760
160	23.771	36.188	24.610	0.797
170	21.858	36.040	25.050	0.828
180	20.759	35.909	25.253	0.857
190	18.166	35.589	25.688	0.883
200	16.848	35.382	25.892	0.905
250	13.981	35.086	26.258	1.005
300	11.530	34.885	26.589	1.088
350	10.108	34.784	26.750	1.159
400	9.540	34.722	26.813	1.227
450	8.872	34.681	26.889	1.291
500	8.313	34.650	26.952	1.352
502	8.298	34.649	26.953	1.354

CAST GP4-96-KA-0121 DATE 05 AUG 96 TIME 0913 GMT
 LAT 08 16.1S LONG 154 59.9W WEATHER 1 SEA STATE 2
 BAROMETER 12 WIND DIR 070 T SPD 14 KT VISIBILITY 4
 CLOUD 9 AMOUNT DRY 27.5 WET 23.9 DEPTH 5325 M

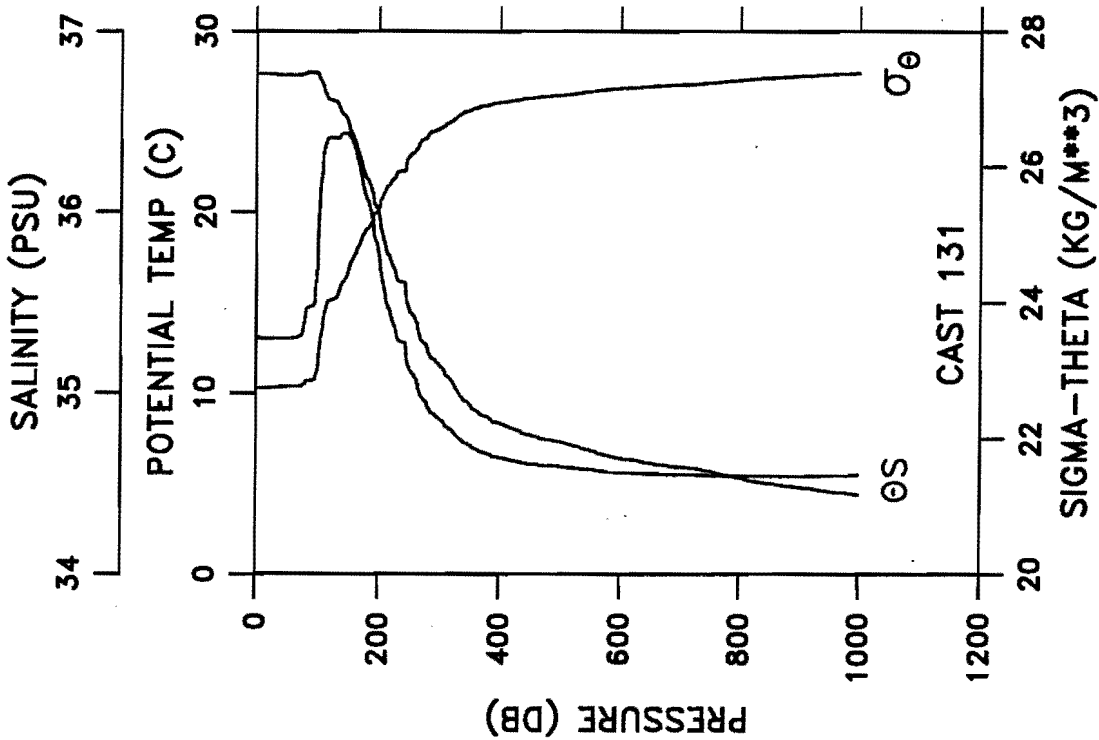


CAST GP4-96-KA-0122 DATE 05 AUG 96 TIME 2228 GMT
 LAT 08 17.4S LONG 154 59.8W WEATHER 1 SEA STATE 2
 BAROMETER 12 WIND DIR 005 T SPD 15 KT VISIBILITY 7
 CLOUD 5 AMOUNT 8 DRY 28.2 WET 25.6 DEPTH 5314 M



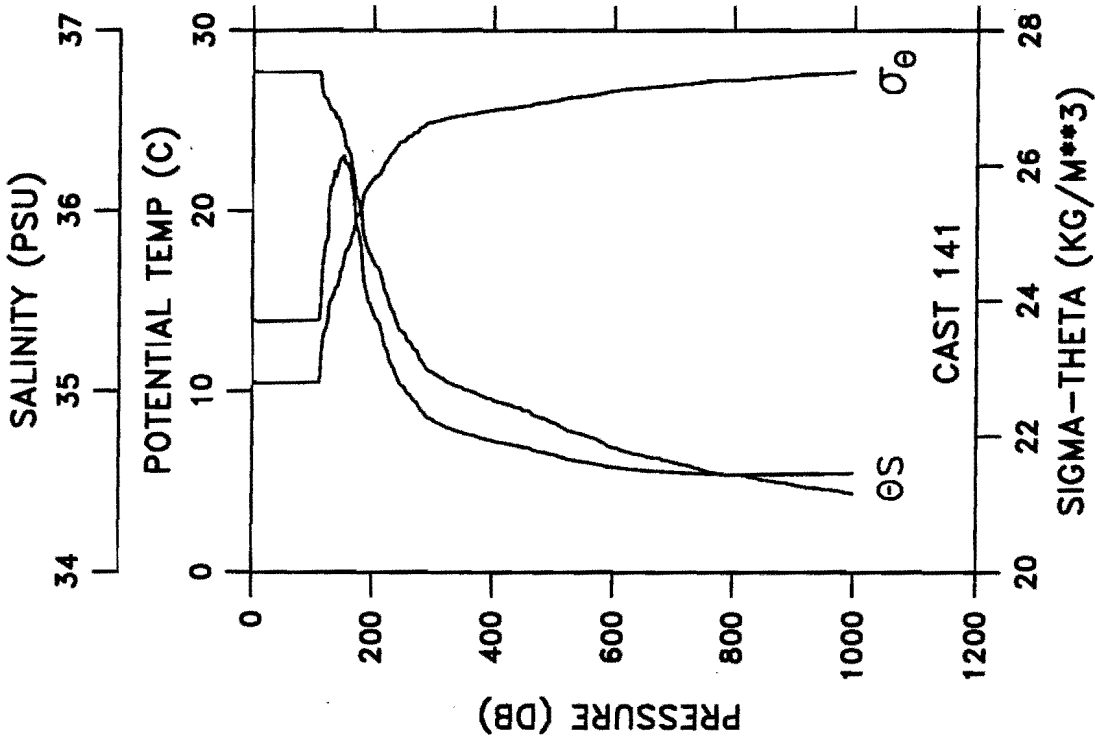
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.674	35.516	22.891	0.000
10	27.610	35.515	22.911	0.050
20	27.592	35.517	22.918	0.098
30	27.580	35.520	22.921	0.148
40	27.593	35.524	22.924	0.198
50	27.601	35.536	22.930	0.247
60	27.603	35.557	22.946	0.297
70	27.594	35.579	22.965	0.346
80	27.602	35.588	22.969	0.395
90	27.604	35.591	22.970	0.445
100	27.404	35.815	23.204	0.493
110	26.676	36.217	23.740	0.537
120	26.576	36.343	23.867	0.578
130	26.173	36.404	24.041	0.618
140	25.871	36.487	24.198	0.657
150	25.592	36.496	24.292	0.694
160	24.193	36.401	24.647	0.729
170	23.422	36.305	24.802	0.762
180	22.974	36.240	24.883	0.794
190	22.080	36.115	25.044	0.824
200	20.742	35.914	25.262	0.853
250	16.490	35.323	25.884	0.978
300	12.021	34.876	26.490	1.072
350	10.580	34.787	26.686	1.148
400	8.932	34.683	26.881	1.215
450	8.189	34.636	26.960	1.275
500	7.764	34.611	27.003	1.333
503	7.746	34.609	27.005	1.336

CAST GP4-96-KA-0131 DATE 06 AUG 96 TIME 0653 GMT
 LAT 06 59.9S LONG 155 00.1W WEATHER 1 SEA STATE 4
 BAROMETER 11 WIND DIR 110 T SPD 12 KT VISIBILITY 4
 CLOUD 5 AMOUNT 8 DRY 27.2 WET 24.2 DEPTH 5100 M



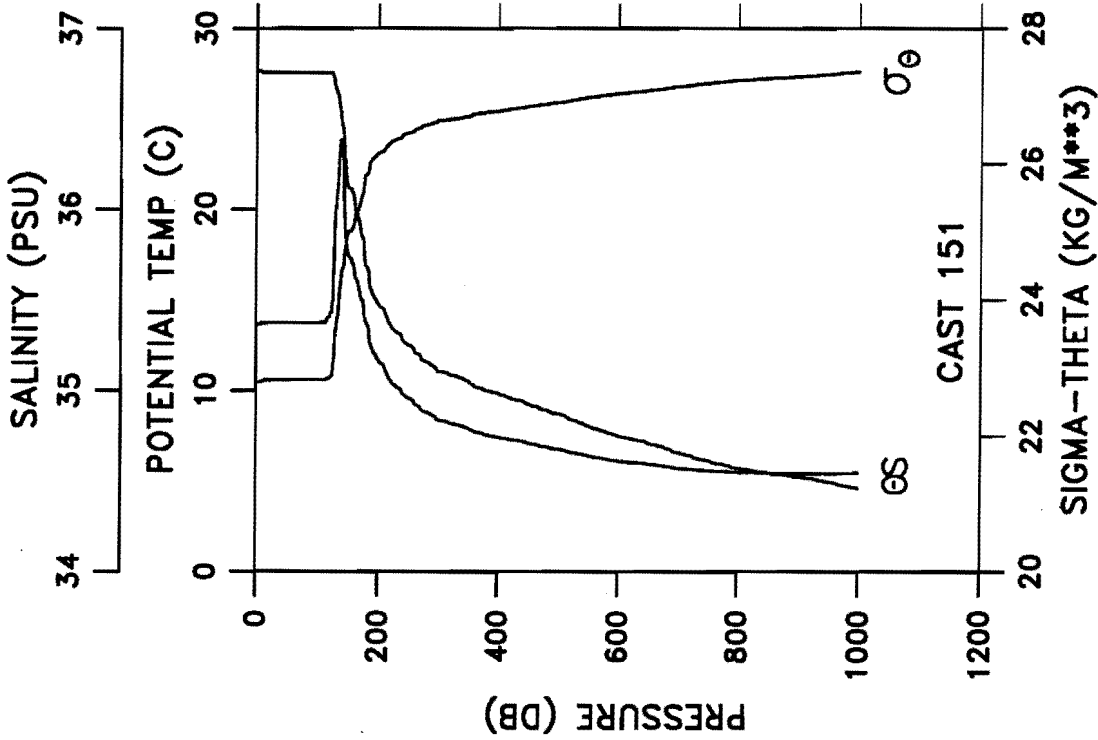
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.647	35.311	22.746	0.000
10	27.642	35.303	22.741	0.051
20	27.638	35.304	22.743	0.102
30	27.625	35.304	22.748	0.153
40	27.590	35.305	22.759	0.204
50	27.585	35.305	22.761	0.255
60	27.583	35.307	22.763	0.306
70	27.591	35.314	22.766	0.358
80	27.652	35.400	22.811	0.409
90	27.712	35.479	22.851	0.459
100	27.684	35.660	22.996	0.509
110	26.896	36.304	23.735	0.594
120	26.217	36.411	24.032	0.594
130	26.104	36.410	24.067	0.634
140	25.477	36.433	24.280	0.672
150	24.924	36.431	24.448	0.708
160	24.025	36.367	24.671	0.742
170	23.033	36.238	24.865	0.775
180	21.910	36.084	25.069	0.805
190	21.089	35.957	25.197	0.834
200	19.992	35.785	25.364	0.862
250	14.743	35.140	26.137	0.975
300	11.550	34.858	26.584	1.060
350	9.388	34.711	26.829	1.131
400	8.334	34.642	26.943	1.192
450	7.700	34.608	27.011	1.249
500	7.322	34.595	27.055	1.304
550	6.841	34.577	27.108	1.357
600	6.389	34.560	27.155	1.408
650	6.136	34.554	27.183	1.457
700	5.904	34.549	27.208	1.505
750	5.688	34.545	27.233	1.552
800	5.319	34.542	27.274	1.587
900	4.787	34.541	27.335	1.683
1000	4.381	34.548	27.386	1.764
1002	4.376	34.547	27.386	1.766

CAST GP4-96-KA-0141 DATE 06 AUG 96 TIME 1316 GMT
 LAT 05 59.8S LONG 154 59.5W WEATHER 1 SEA STATE 2
 BAROMETER 09 WIND DIR 109 T SPD 11 KT VISIBILITY 7
 CLOUD 4 AMOUNT 8 DRY 27.1 WET 23.9 DEPTH 4944 M



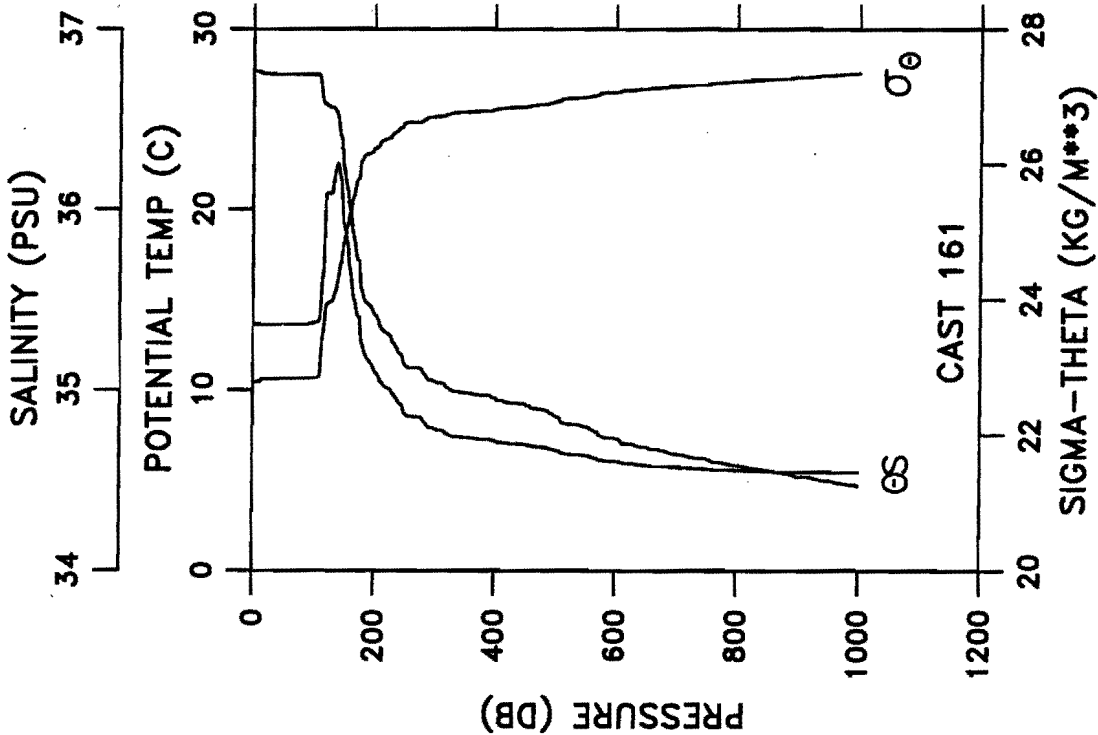
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.676	35.392	22.797	0.000
10	27.679	35.386	22.792	0.051
20	27.680	35.387	22.792	0.101
30	27.678	35.387	22.793	0.152
40	27.679	35.387	22.792	0.203
50	27.679	35.387	22.792	0.253
60	27.677	35.389	22.795	0.304
70	27.677	35.392	22.797	0.355
80	27.677	35.391	22.796	0.406
90	27.676	35.392	22.798	0.457
100	27.674	35.393	22.799	0.508
110	27.664	35.395	22.804	0.559
120	26.227	35.798	23.586	0.605
130	25.584	36.136	24.022	0.647
140	25.168	36.218	24.212	0.685
150	24.441	36.305	24.499	0.722
160	23.247	36.239	24.804	0.755
170	21.383	35.994	25.147	0.785
180	20.100	35.809	25.354	0.813
190	18.026	35.531	25.673	0.838
200	17.221	35.439	25.799	0.861
250	13.292	35.031	26.358	0.960
300	11.075	34.845	26.642	1.039
350	10.216	34.774	26.739	1.110
400	9.548	34.726	26.815	1.177
450	8.973	34.691	26.881	1.241
500	8.291	34.649	26.955	1.303
550	7.815	34.611	27.025	1.360
600	6.893	34.582	27.104	1.414
650	6.473	34.565	27.147	1.466
700	6.081	34.554	27.190	1.515
750	5.650	34.545	27.237	1.563
800	5.395	34.543	27.266	1.608
850	4.865	34.542	27.327	1.696
900	4.360	34.547	27.388	1.777
1000	4.358	34.547	27.398	1.779

CAST GP4-96-KA-0151 DATE 06 AUG 96 TIME 2053 GMT
 LAT 04 59.5S LONG 155 00.6W WEATHER 1 SEA STATE 1
 BAROMETER 11 WIND DIR 080 T SPD 08 KT VISIBILITY 7
 CLOUD 2 AMOUNT 8 DRY 28.4 WET 23.8 DEPTH 4620 M



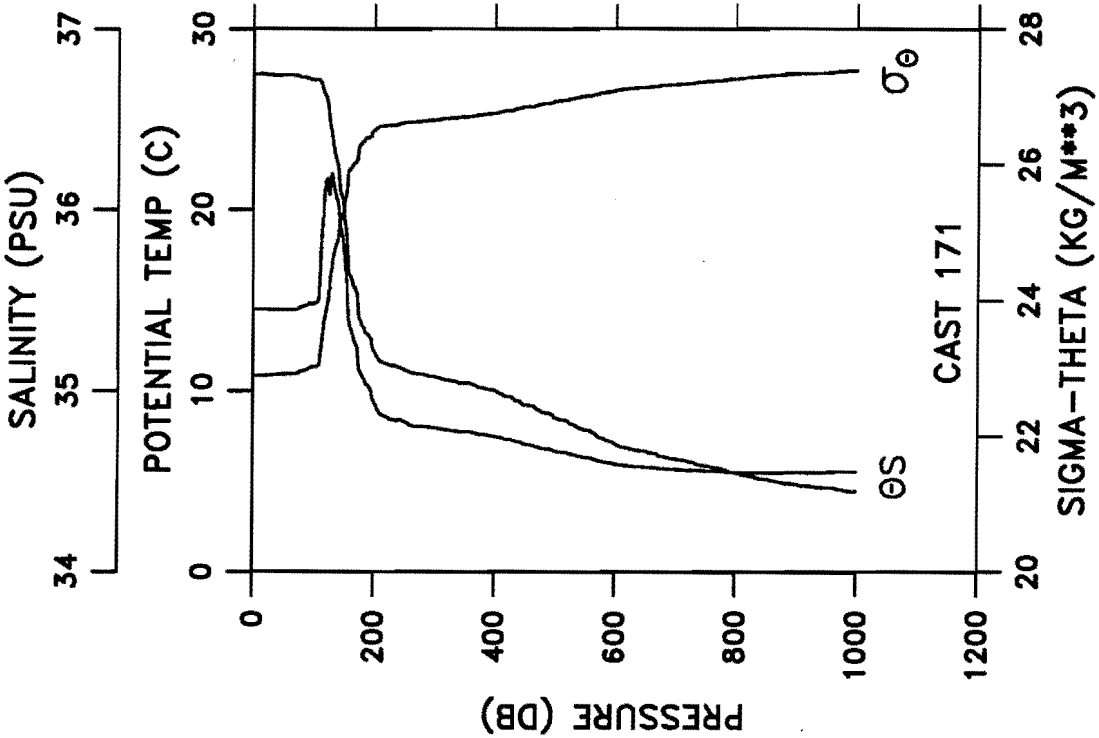
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.629	35.366	22.793	0.000
10	27.588	35.374	22.812	0.051
20	27.557	35.373	22.821	0.101
30	27.553	35.373	22.823	0.151
40	27.549	35.373	22.824	0.202
50	27.548	35.374	22.825	0.252
60	27.547	35.374	22.825	0.303
70	27.543	35.374	22.827	0.353
80	27.543	35.374	22.827	0.404
90	27.540	35.375	22.828	0.454
100	27.540	35.377	22.830	0.505
110	27.542	35.379	22.831	0.556
120	27.531	35.419	22.864	0.606
130	26.667	35.992	23.574	0.654
140	24.684	36.330	24.445	0.694
150	21.239	35.745	24.997	0.727
160	20.596	35.666	25.112	0.757
170	18.987	35.519	25.422	0.784
180	16.836	35.370	25.838	0.808
190	15.331	35.224	26.072	0.829
200	14.756	35.166	26.155	0.849
250	12.504	34.958	26.460	0.937
300	11.034	34.837	26.643	1.014
350	10.524	34.793	26.699	1.086
400	9.858	34.743	26.775	1.155
450	9.256	34.710	26.850	1.221
500	8.738	34.676	26.906	1.284
550	8.063	34.638	26.981	1.344
600	7.498	34.609	27.041	1.401
650	7.075	34.592	27.087	1.456
700	6.555	34.589	27.140	1.509
750	6.114	34.556	27.187	1.559
800	5.699	34.547	27.233	1.607
900	5.209	34.540	27.287	1.698
1000	4.601	34.543	27.358	1.784
1004	4.598	34.543	27.358	1.787

CAST GP4-96-KA-0161 DATE 07 AUG 96 TIME 0333 GMT
 LAT 03 59.7S LONG 154 48.5W WEATHER 1 SEA STATE 1
 BAROMETER 07 WIND DIR 100 T SPD 08 KT VISIBILITY 7
 CLOUD 2 AMOUNT 8 DRY 28.0 WET 23.9 DEPTH 3360 M



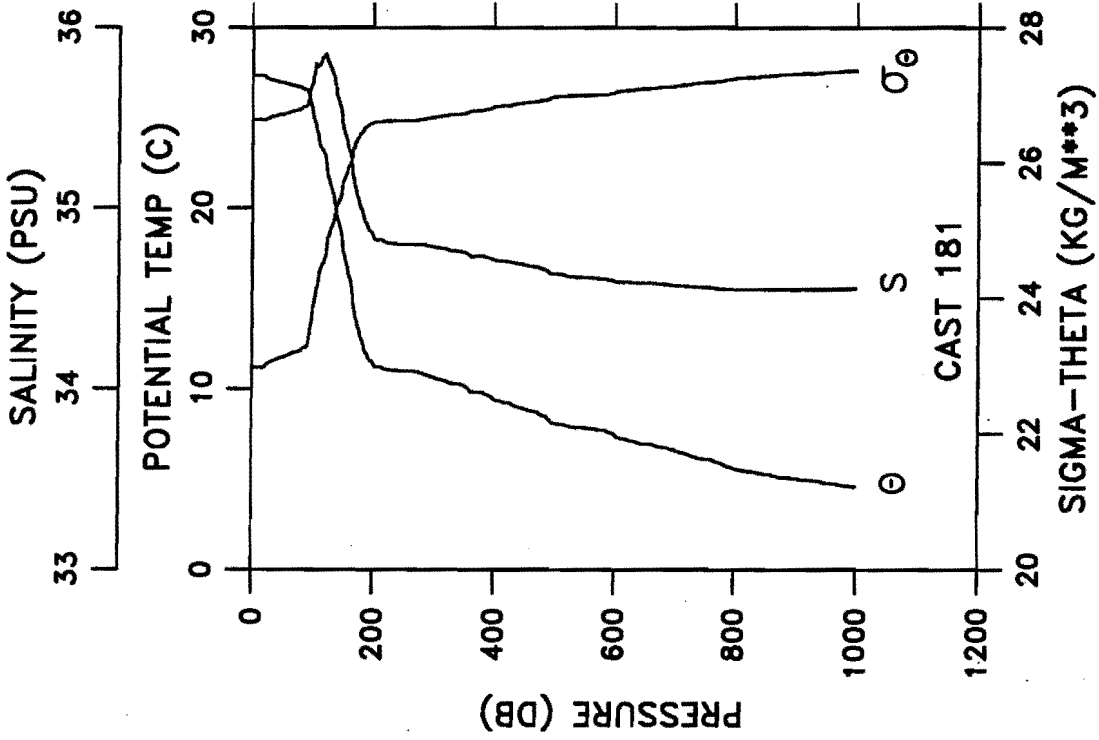
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.647	35.364	22.786	0.000
10	27.638	35.363	22.788	0.051
20	27.505	35.360	22.828	0.101
30	27.493	35.360	22.833	0.151
40	27.484	35.361	22.836	0.202
50	27.478	35.361	22.837	0.252
60	27.477	35.361	22.838	0.302
70	27.477	35.362	22.839	0.353
80	27.474	35.362	22.841	0.403
90	27.470	35.364	22.843	0.454
100	27.462	35.371	22.851	0.504
110	27.207	35.408	22.861	0.554
120	25.827	36.081	23.905	0.589
130	25.629	36.095	23.977	0.639
140	24.917	36.245	24.309	0.677
150	22.155	35.910	24.867	0.711
160	19.945	35.660	25.282	0.741
170	17.476	35.431	25.732	0.766
180	15.400	35.245	26.073	0.788
190	14.738	35.163	26.156	0.807
200	14.198	35.104	26.226	0.826
250	11.400	34.873	26.604	0.910
300	10.482	34.786	26.702	0.982
350	9.856	34.738	26.772	1.051
400	9.569	34.719	26.805	1.117
450	9.232	34.688	26.845	1.182
500	8.600	34.667	26.921	1.245
550	7.988	34.637	26.991	1.304
600	7.315	34.606	27.064	1.360
650	6.836	34.585	27.115	1.413
700	6.459	34.573	27.156	1.465
750	6.206	34.584	27.182	1.514
800	5.836	34.557	27.223	1.562
900	5.205	34.546	27.282	1.655
1000	4.698	34.545	27.349	1.741
1003	4.694	34.545	27.349	1.743

CAST GP4-96-KA-0171 DATE 07 AUG 96 TIME 0945 GMT
 LAT 02 59.8S LONG 155 00.1W WEATHER 1 SEA STATE 1
 BAROMETER 10 WIND DIR 350 T SPD 05 KT VISIBILITY 0
 CLOUD 9 AMOUNT DRY 27.0 WET 23.6 DEPTH 4820 M



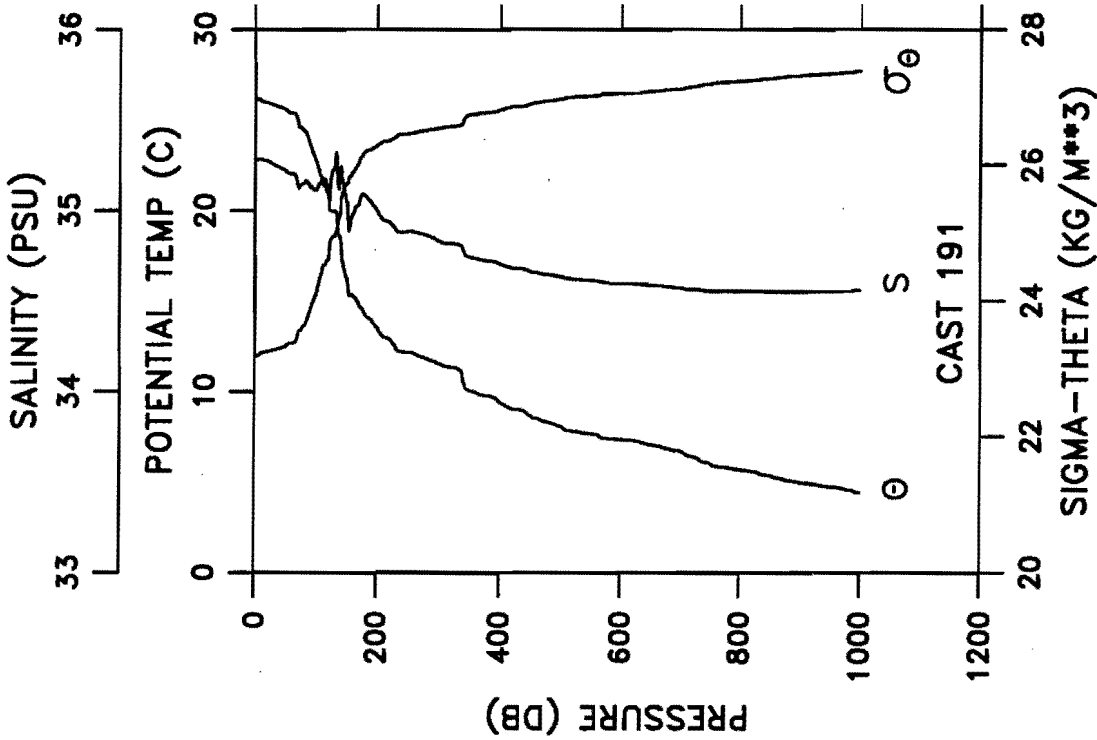
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.518	35.453	22.884	0.000
10	27.517	35.451	22.893	0.050
20	27.510	35.451	22.886	0.099
30	27.471	35.449	22.907	0.149
40	27.447	35.448	22.915	0.198
50	27.439	35.448	22.917	0.248
60	27.433	35.450	22.920	0.298
70	27.426	35.450	22.922	0.347
80	27.343	35.463	22.959	0.397
90	27.279	35.475	22.988	0.446
100	27.182	35.483	23.025	0.495
110	27.139	35.604	23.130	0.543
120	26.263	36.157	23.826	0.588
130	24.173	36.200	24.500	0.626
140	22.421	36.038	24.889	0.659
150	22.092	35.790	25.341	0.687
160	16.370	35.350	25.932	0.711
170	15.542	35.251	26.045	0.731
180	13.639	35.081	26.326	0.750
190	13.113	35.029	26.393	0.767
200	12.173	34.936	26.507	0.783
250	11.162	34.830	26.614	0.859
300	10.795	34.797	26.655	0.932
350	10.447	34.775	26.700	1.003
400	10.029	34.748	26.751	1.073
450	9.222	34.704	26.851	1.140
500	8.518	34.665	26.932	1.203
550	7.855	34.632	27.008	1.262
600	7.068	34.595	27.081	1.317
650	6.637	34.577	27.136	1.369
700	6.236	34.565	27.179	1.419
750	5.854	34.557	27.221	1.467
800	5.465	34.548	27.262	1.514
826	4.826	34.549	27.338	1.600
1000	4.432	34.553	27.365	1.682
1005	4.426	34.553	27.385	1.686

CAST GP4-86-KA-0181 DATE 08 AUG 96 TIME 0845 GMT
 LAT 01 58.4S LONG 155 02.9W WEATHER 1 SEA STATE 1
 BAROMETER 11 WIND DIR 040 T SPD 09 KT VISIBILITY 7
 CLOUD 4 AMOUNT 8 DRY 26.3 WET 22.5 DEPTH 4815 M



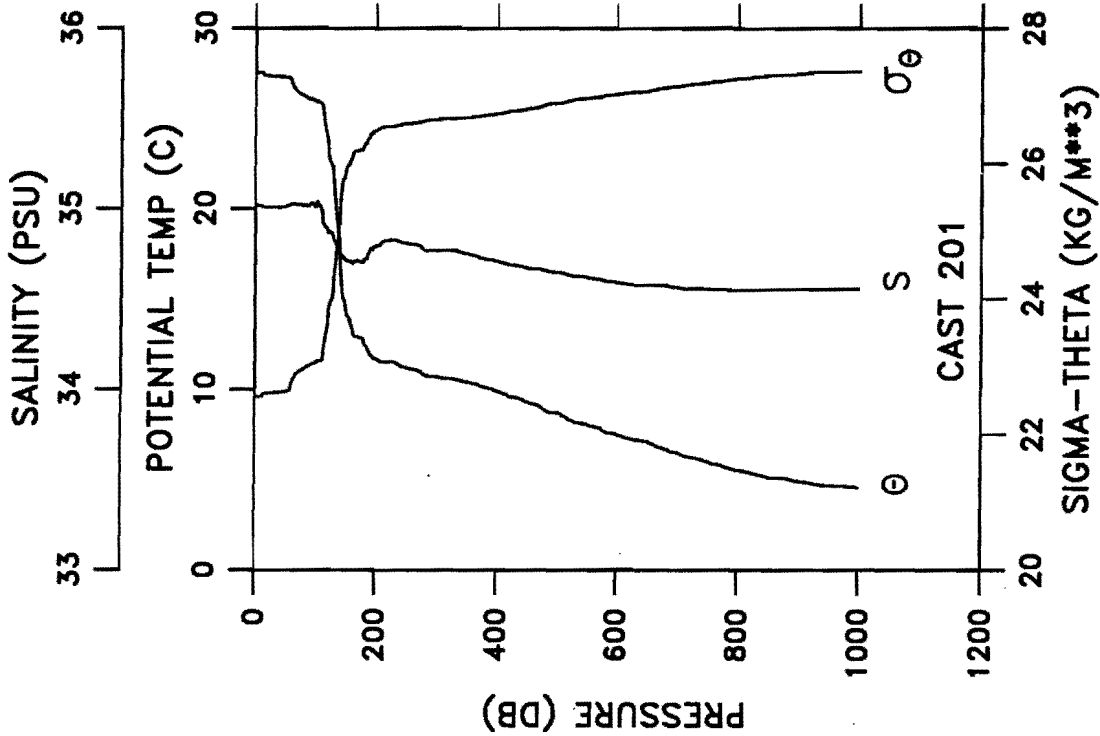
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.333	35.490	22.982	0.000
10	27.339	35.489	22.979	0.049
20	27.281	35.487	22.996	0.098
30	27.098	35.504	23.068	0.146
40	27.008	35.510	23.101	0.194
50	26.938	35.517	23.129	0.241
60	26.851	35.527	23.164	0.289
70	26.758	35.538	23.202	0.336
80	26.671	35.548	23.238	0.383
90	26.536	35.568	23.296	0.429
100	25.031	35.727	23.883	0.473
110	23.577	35.790	24.367	0.511
120	22.953	35.855	24.597	0.546
130	21.144	35.767	25.040	0.577
140	19.341	35.608	25.399	0.605
150	17.551	35.442	25.722	0.631
160	16.147	35.316	25.958	0.653
170	13.904	35.115	26.297	0.672
180	12.733	34.984	26.442	0.689
190	11.865	34.906	26.542	0.705
200	11.411	34.846	26.581	0.720
250	10.991	34.789	26.621	0.794
300	10.853	34.786	26.671	0.867
350	10.194	34.755	26.728	0.937
400	9.416	34.714	26.827	1.004
450	8.868	34.685	26.890	1.068
500	8.086	34.635	26.975	1.129
550	7.847	34.616	26.995	1.187
600	7.442	34.596	27.039	1.244
650	6.941	34.585	27.100	1.298
700	6.817	34.572	27.134	1.350
750	6.119	34.561	27.191	1.401
800	5.604	34.551	27.248	1.448
900	5.032	34.548	27.313	1.537
1000	4.593	34.551	27.366	1.621
1002	4.593	34.550	27.365	1.623

CAST GP4-96-KA-0191 DATE 08 AUG 96 TIME 2128 GMT
 LAT 00 01.9N LONG 154 58.8W WEATHER 1 SEA STATE 1
 BAROMETER 12 WIND DIR 100 T SPD 08 KT VISIBILITY 7
 CLOUD 2 AMOUNT 8 DRY 25.9 WET 23.0 DEPTH 5220 M



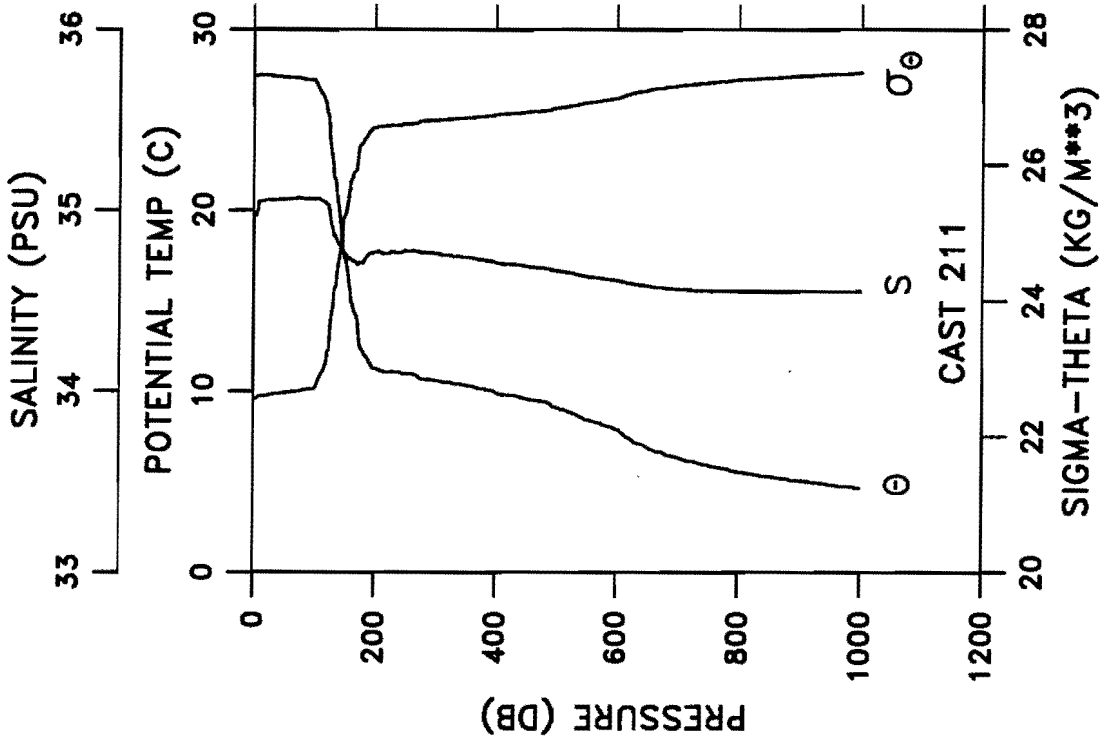
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.165	35.284	23.198	0.000
10	26.052	35.282	23.232	0.047
20	25.961	35.274	23.254	0.093
30	25.842	35.256	23.277	0.139
40	25.730	35.239	23.300	0.185
50	25.565	35.219	23.335	0.231
60	25.385	35.203	23.379	0.276
70	24.908	35.138	23.475	0.321
80	24.414	35.151	23.634	0.364
90	23.660	35.135	23.846	0.407
100	22.790	35.112	24.081	0.446
110	21.710	35.162	24.424	0.483
120	20.920	35.116	24.605	0.518
130	19.955	35.235	24.954	0.549
140	18.464	35.187	25.301	0.578
150	16.309	35.061	25.724	0.602
160	15.312	34.980	25.888	0.624
170	14.862	35.031	26.027	0.645
180	14.315	35.086	26.187	0.664
190	13.886	35.052	26.231	0.683
200	13.547	35.003	26.285	0.701
250	12.181	34.886	26.466	0.785
300	11.544	34.831	26.544	0.865
350	10.058	34.742	26.741	0.940
400	9.397	34.703	26.822	1.008
450	8.683	34.663	26.905	1.071
500	8.064	34.634	26.977	1.131
550	7.652	34.613	27.021	1.188
600	7.326	34.598	27.057	1.243
650	7.034	34.587	27.089	1.298
700	6.690	34.572	27.125	1.350
750	5.998	34.554	27.201	1.400
800	5.652	34.551	27.242	1.447
900	4.950	34.550	27.324	1.536
1000	4.395	34.560	27.394	1.619
1003	4.362	34.560	27.398	1.621

CAST GP4-86-KA-0201 DATE 09 AUG 86 TIME 1025 GMT
 LAT 02 05.0N LONG 154 57.9W WEATHER 1 SEA STATE 1
 BAROMETER 11 WIND DIR 152 T SPD 10 KT VISIBILITY 7
 CLOUD 2 AMOUNT 8 DRY 26.8 WET 23.9 DEPTH 4734 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.539	35.021	22.563	0.000
10	27.533	35.016	22.561	0.053
20	27.358	35.009	22.611	0.105
30	27.338	35.008	22.617	0.158
40	27.320	35.007	22.623	0.210
50	27.294	35.013	22.635	0.262
60	26.925	35.027	22.784	0.314
70	26.451	35.024	22.912	0.365
80	26.256	35.016	22.967	0.414
90	26.096	35.023	23.023	0.463
100	25.939	35.010	23.062	0.512
110	25.790	34.989	23.092	0.560
120	23.766	34.881	23.622	0.605
130	21.364	34.828	24.265	0.645
140	17.756	34.762	25.150	0.678
150	14.481	34.714	25.869	0.702
160	13.435	34.698	26.071	0.722
170	12.887	34.710	26.191	0.741
180	12.602	34.712	26.250	0.760
190	11.837	34.769	26.422	0.777
200	11.683	34.792	26.488	0.793
250	11.209	34.809	26.589	0.870
300	10.704	34.769	26.649	0.944
350	10.425	34.752	26.685	1.016
400	9.914	34.708	26.739	1.086
450	9.321	34.673	26.810	1.154
500	8.706	34.647	26.888	1.218
550	8.064	34.620	26.966	1.279
600	7.489	34.590	27.027	1.337
650	7.126	34.579	27.070	1.392
700	6.488	34.562	27.143	1.445
750	6.001	34.555	27.201	1.494
800	5.526	34.549	27.255	1.541
850	4.920	34.551	27.329	1.629
900	4.548	34.556	27.375	1.711
1000	4.523	34.556	27.377	1.713

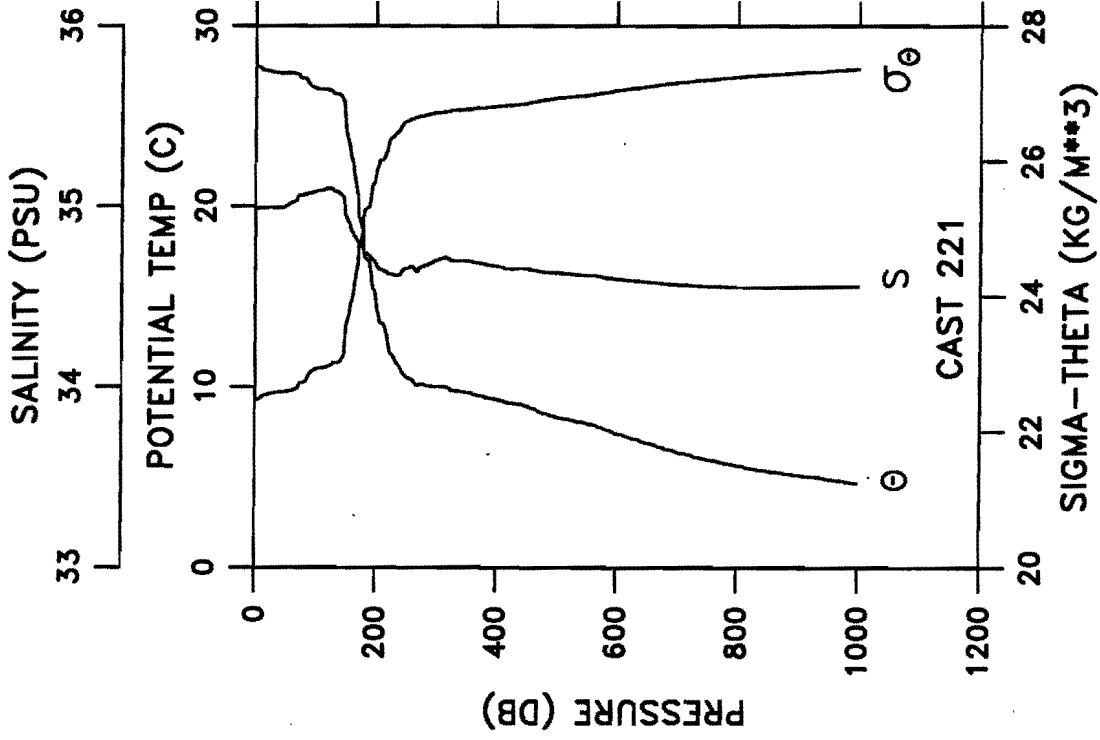
CAST GP4-96-KA-0211 DATE 09 AUG 96 TIME 1614 GMT
 LAT 03 00.2N LONG 155 00.0W WEATHER 1 SEA STATE 1
 BAROMETER 11 WIND DIR 135 T SPD 15 KT VISIBILITY 4
 CLOUD 2 AMOUNT 6 DRY 25.9 WET 23.9 DEPTH 5220 M



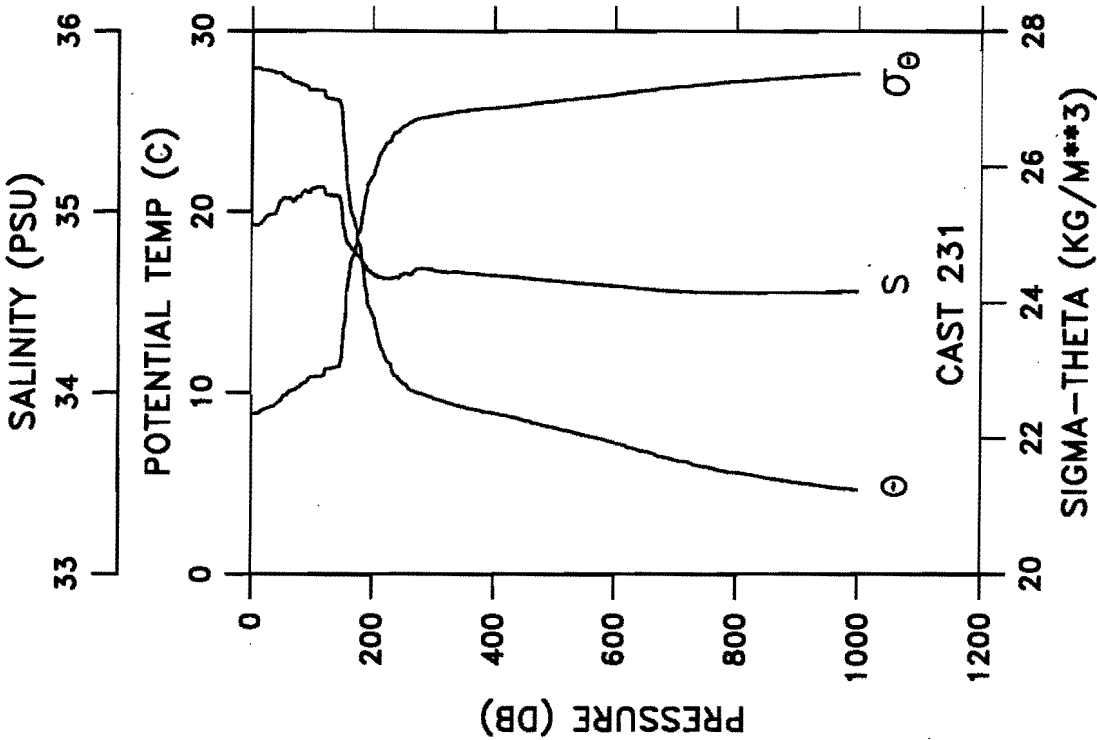
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.439	34.974	22.559	0.000
10	27.495	35.051	22.599	0.053
20	27.495	35.059	22.605	0.105
30	27.427	35.058	22.627	0.157
40	27.403	35.059	22.635	0.210
50	27.368	35.059	22.647	0.262
60	27.344	35.063	22.657	0.314
70	27.314	35.067	22.669	0.366
80	27.262	35.064	22.684	0.418
90	27.217	35.062	22.697	0.470
100	27.172	35.062	22.712	0.522
110	26.533	35.058	22.911	0.573
120	25.518	35.032	23.209	0.622
130	22.746	34.892	23.926	0.665
140	20.181	34.813	24.572	0.703
150	17.372	34.757	25.240	0.733
160	14.989	34.729	25.766	0.759
170	14.072	34.707	25.946	0.781
180	12.200	34.706	26.323	0.799
190	11.625	34.757	26.472	0.816
200	11.255	34.769	26.550	0.831
250	10.981	34.775	26.604	0.907
300	10.814	34.762	26.660	0.980
350	10.337	34.740	26.692	1.051
400	9.925	34.710	26.739	1.122
450	9.609	34.692	26.777	1.191
500	9.128	34.665	26.836	1.258
550	8.450	34.634	26.919	1.321
600	7.904	34.613	26.985	1.382
650	6.930	34.582	27.099	1.437
700	6.325	34.564	27.166	1.489
750	5.916	34.555	27.212	1.537
800	5.532	34.551	27.256	1.584
900	5.059	34.551	27.312	1.672
1000	4.647	34.554	27.362	1.757
1002	4.641	34.554	27.362	1.758

CAST GP4-96-KA-0221 DATE 09 AUG 96 TIME 2234 GMT
 LAT 04 00.6N LONG 155 00.0W WEATHER 1 SEA STATE 1
 BAROMETER 10 WIND DIR 122 T SPD 14 KT VISIBILITY 7
 CLOUD 3 AMOUNT 8 DRY 27.6 WET 24.9 DEPTH 4680 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.719	34.986	22.478	0.000
10	27.596	34.981	22.521	0.053
20	27.502	34.994	22.554	0.106
30	27.418	34.992	22.580	0.159
40	27.379	34.990	22.591	0.212
50	27.379	35.000	22.598	0.265
60	27.374	35.019	22.614	0.317
70	27.292	35.048	22.663	0.370
80	27.090	35.063	22.739	0.421
90	26.712	35.072	22.865	0.472
100	26.519	35.083	22.935	0.522
110	26.492	35.088	22.947	0.572
120	26.450	35.097	22.967	0.621
130	26.233	35.081	23.023	0.670
140	26.142	35.068	23.042	0.719
150	24.128	34.942	23.561	0.767
160	22.588	34.860	23.947	0.809
170	20.382	34.789	24.501	0.847
180	17.425	34.748	25.220	0.878
190	16.659	34.722	25.382	0.905
200	14.841	34.677	25.802	0.930
250	10.539	34.654	26.589	1.020
300	10.025	34.700	26.714	1.092
350	9.710	34.697	26.765	1.160
400	9.308	34.667	26.808	1.226
450	8.963	34.653	26.853	1.291
500	8.325	34.631	26.935	1.354
550	8.013	34.617	26.971	1.413
600	7.391	34.595	27.045	1.471
650	6.893	34.579	27.102	1.525
700	6.401	34.565	27.157	1.577
750	5.973	34.556	27.205	1.626
800	5.620	34.551	27.246	1.673
900	5.106	34.549	27.306	1.762
1000	4.646	34.556	27.363	1.847
1002	4.620	34.556	27.366	1.849

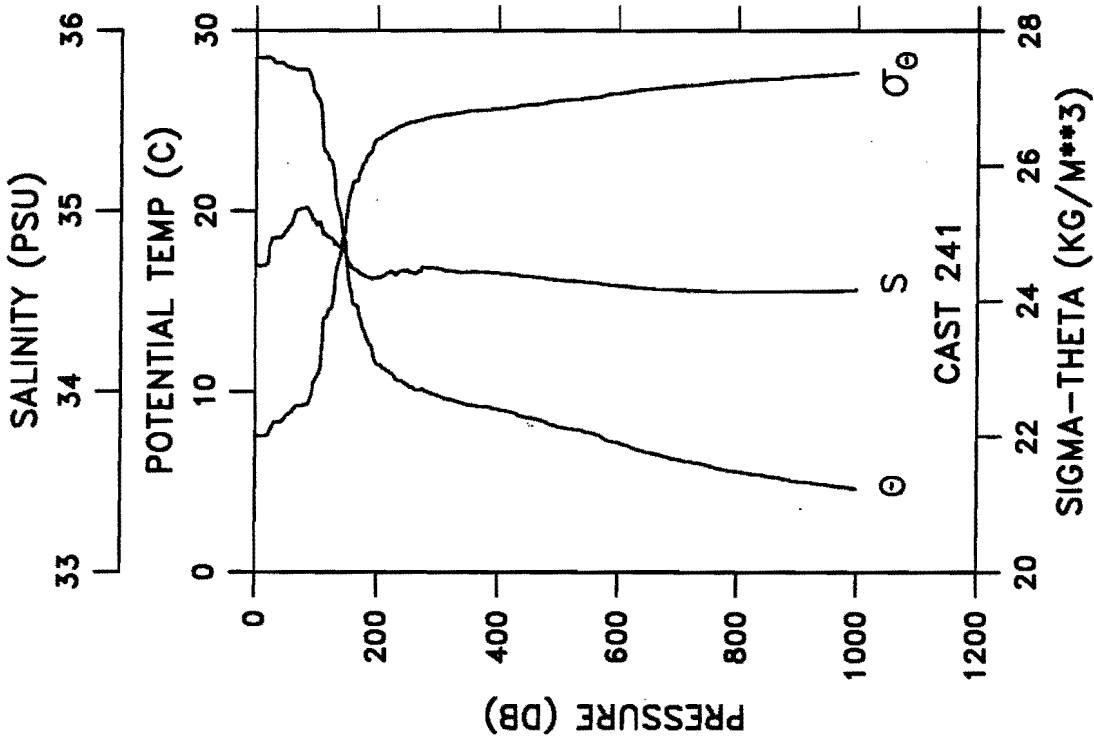


CAST GP4-96-KA-0231 DATE 10 AUG 96 TIME 0619 GMT
 LAT 05 00.9N LONG 154 53.8W WEATHER 1 SEA STATE 1
 BAROMETER 11 WIND DIR 107 T SPD 10 KT VISIBILITY 7
 CLOUD 3 AMOUNT 1 DRY 27.7 WET 24.7 DEPTH 4590 M



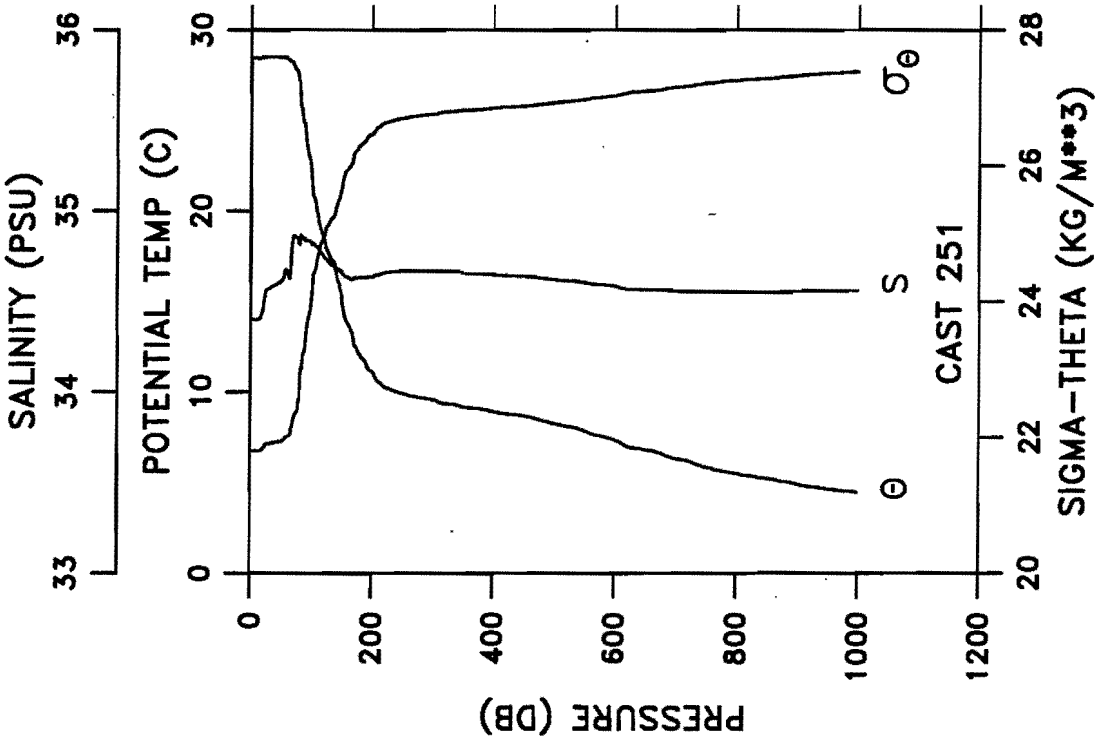
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.930	34.930	22.367	0.000
10	27.925	34.926	22.366	0.055
20	27.828	34.953	22.418	0.109
30	27.789	34.982	22.452	0.163
40	27.872	34.995	22.500	0.217
50	27.805	35.065	22.574	0.270
60	27.370	35.071	22.654	0.323
70	27.158	35.057	22.712	0.374
80	27.075	35.081	22.757	0.426
90	26.951	35.115	22.822	0.477
100	26.730	35.128	22.902	0.527
110	26.720	35.138	22.913	0.577
120	26.638	35.128	22.931	0.627
130	26.241	35.091	23.028	0.676
140	26.184	35.090	23.046	0.725
150	25.181	34.895	23.284	0.773
160	21.166	34.823	24.315	0.814
170	19.460	34.777	24.734	0.848
180	18.052	34.743	25.064	0.879
190	15.652	34.694	25.592	0.906
200	14.336	34.659	25.853	0.929
250	10.536	34.654	26.589	1.017
300	9.716	34.676	26.747	1.087
350	9.224	34.662	26.817	1.153
400	8.883	34.648	26.862	1.217
450	8.478	34.634	26.914	1.279
500	8.100	34.618	26.959	1.339
550	7.691	34.603	27.008	1.397
600	7.249	34.590	27.061	1.453
650	6.759	34.575	27.117	1.506
700	6.278	34.561	27.170	1.557
750	5.923	34.554	27.210	1.606
800	5.580	34.552	27.251	1.652
850	5.058	34.555	27.316	1.741
900	4.646	34.561	27.367	1.825
1000	2.948	34.607	27.576	2.174
1500	2.088	34.644	27.680	2.453
2000	1.697	34.665	27.727	2.696
2500	1.497	34.675	27.750	2.931
3000	1.245	34.687	27.777	3.155
3500	1.095	34.694	27.793	3.372
4000	1.085	34.694	27.793	3.374
4003	1.085	34.694	27.793	3.374

CAST GP4-96-KA-0241 DATE 10 AUG 96 TIME 1323 GMT
 LAT 06 00.4N LONG 154 59.3W WEATHER 1 SEA STATE 1
 BAROMETER 10 WIND DIR 107 T SPD 12 KT VISIBILITY 7
 CLOUD 3 AMOUNT DRY 27.6 WET 24.4 DEPTH 4830 M



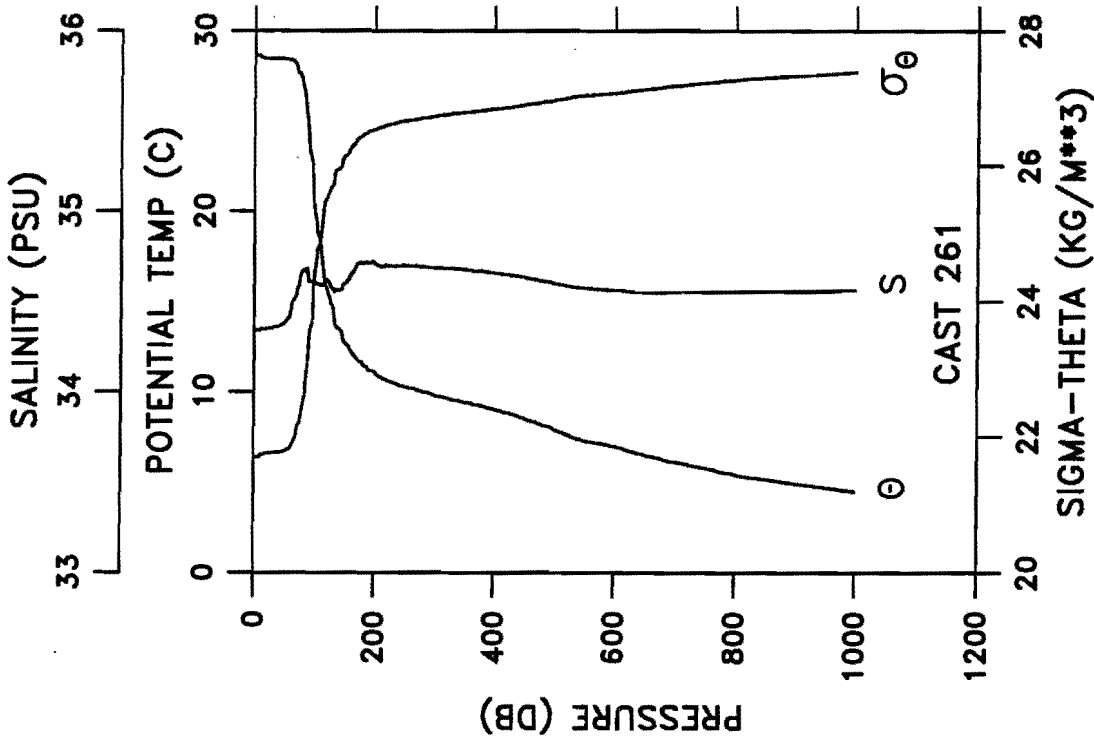
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.489	34.701	22.011	0.000
10	28.486	34.695	22.005	0.058
20	28.508	34.715	22.015	0.116
30	28.224	34.848	22.210	0.173
40	28.204	34.852	22.219	0.230
50	28.006	34.886	22.309	0.285
60	27.904	34.939	22.382	0.341
70	27.831	35.007	22.457	0.395
80	27.825	35.017	22.467	0.449
90	27.388	34.981	22.581	0.503
100	26.329	34.919	22.871	0.554
110	23.905	34.869	23.572	0.602
120	22.828	34.853	23.873	0.644
130	21.168	34.820	24.313	0.684
140	19.465	34.794	24.746	0.718
150	17.016	34.730	25.304	0.748
160	14.834	34.681	25.763	0.773
170	14.131	34.657	25.895	0.795
180	13.184	34.637	26.075	0.816
190	12.487	34.626	26.209	0.835
200	11.499	34.627	26.394	0.852
250	10.370	34.673	26.633	0.930
300	9.794	34.681	26.738	1.000
350	9.267	34.661	26.810	1.067
400	9.017	34.654	26.845	1.132
450	8.541	34.635	26.905	1.194
500	8.034	34.615	26.967	1.255
550	7.722	34.604	27.004	1.313
600	7.156	34.585	27.070	1.368
650	6.608	34.570	27.134	1.421
700	6.226	34.561	27.177	1.471
750	5.912	34.556	27.213	1.520
800	5.560	34.553	27.254	1.566
900	5.018	34.554	27.320	1.655
1000	4.592	34.562	27.374	1.738
1004	4.570	34.561	27.376	1.741

CAST GP4-96-KA-0251 DATE 10 AUG 96 TIME 1942 GMT
 LAT 07 00.6N LONG 154 59.7W WEATHER 1 SEA STATE 1
 BAROMETER 12 WIND DIR 100 T SPD 10 KT VISIBILITY 7
 CLOUD 3 AMOUNT 8 DRY 28.8 WET 25.0 DEPTH 4920 M



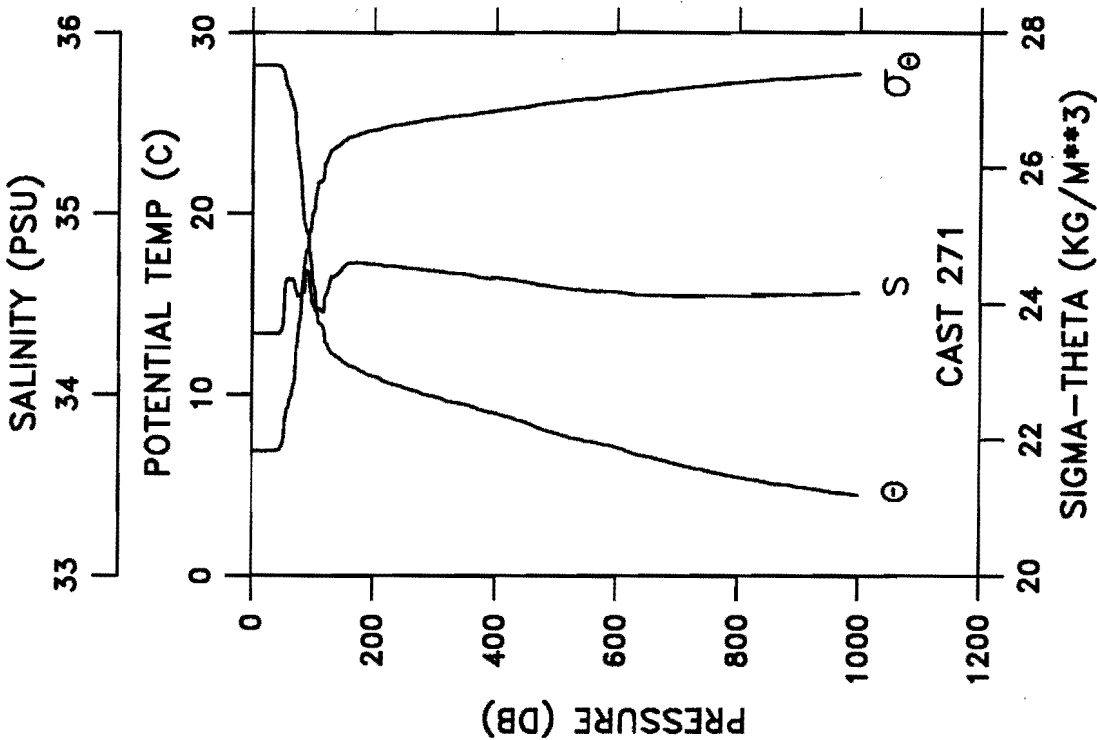
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.462	34.402	21.798	0.000
10	28.460	34.400	21.795	0.060
20	28.497	34.453	21.822	0.120
30	28.525	34.570	21.801	0.180
40	28.515	34.589	21.919	0.239
50	28.513	34.610	21.936	0.298
60	28.428	34.667	22.006	0.356
70	28.088	34.854	22.258	0.414
80	27.069	34.817	22.560	0.469
90	24.599	34.837	23.341	0.517
100	22.282	34.828	24.010	0.559
110	19.924	34.802	24.632	0.595
120	18.587	34.751	24.936	0.627
130	17.515	34.708	25.168	0.656
140	16.685	34.687	25.349	0.684
150	15.303	34.688	25.650	0.709
160	13.778	34.633	25.950	0.731
170	12.660	34.627	26.172	0.751
180	12.026	34.631	26.298	0.769
190	11.563	34.633	26.387	0.786
200	11.134	34.637	26.469	0.803
250	9.918	34.685	26.705	0.875
300	9.574	34.670	26.767	0.943
350	9.176	34.659	26.823	1.008
400	8.924	34.649	26.855	1.072
450	8.696	34.640	26.885	1.135
500	8.287	34.622	26.934	1.197
550	7.869	34.606	26.984	1.256
600	7.356	34.585	27.042	1.313
650	6.790	34.567	27.107	1.367
700	6.312	34.559	27.164	1.418
750	5.832	34.555	27.223	1.467
800	5.501	34.552	27.261	1.513
900	4.903	34.556	27.335	1.600
1000	4.463	34.564	27.390	1.681
1001	4.462	34.563	27.390	1.682

CAST GP4-96-KA-0261 DATE 11 AUG 96 TIME 0415 GMT
 LAT 07 57.8N LONG 155 00.5W WEATHER 1 SEA STATE 1
 BAROMETER 10 WIND DIR 060 T SPD 13 KT VISIBILITY 7
 CLOUD 5 AMOUNT 8 DRY 27.1 WET 25.7 DEPTH 5160 M



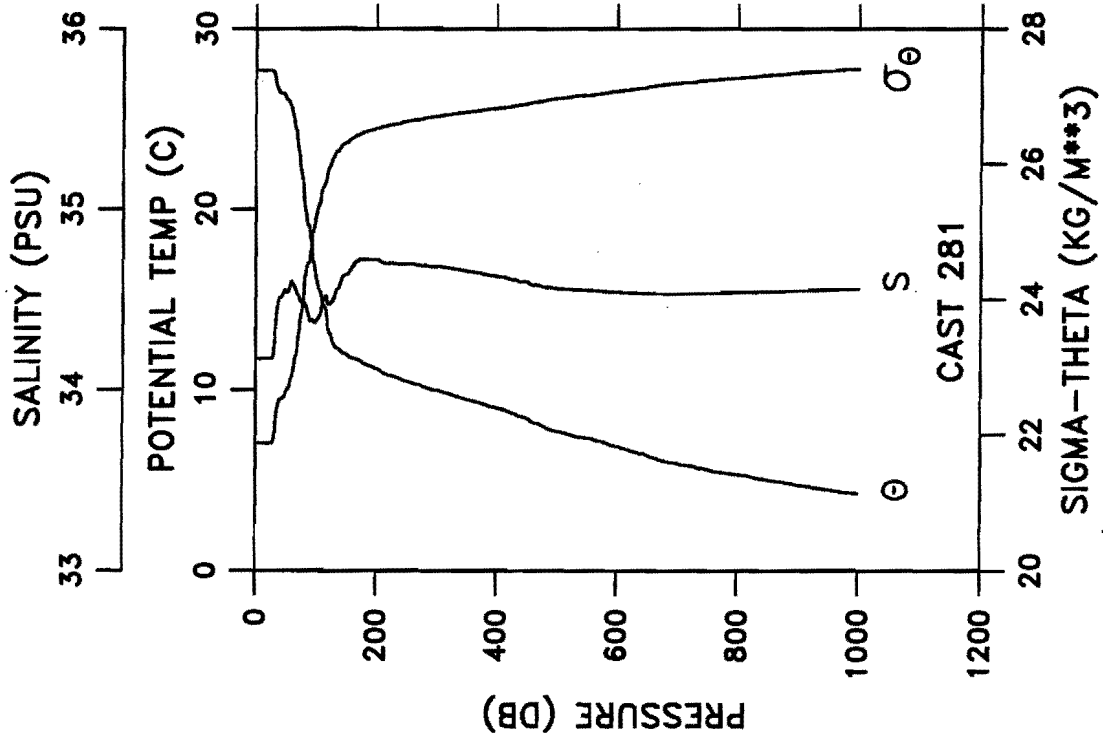
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.617	34.342	21.700	0.000
10	28.598	34.342	21.706	0.061
20	28.475	34.348	21.751	0.122
30	28.457	34.352	21.760	0.182
40	28.463	34.361	21.765	0.243
50	28.437	34.381	21.788	0.303
60	28.408	34.444	21.845	0.364
70	27.774	34.550	22.132	0.422
80	26.941	34.670	22.490	0.478
90	23.906	34.607	23.373	0.529
100	20.061	34.806	24.446	0.570
110	17.879	34.587	24.986	0.602
120	15.651	34.618	25.534	0.629
130	14.653	34.569	25.716	0.653
140	13.479	34.560	25.956	0.674
150	12.696	34.801	26.145	0.694
160	12.260	34.647	26.266	0.712
170	11.830	34.698	26.387	0.730
180	11.475	34.708	26.463	0.746
190	11.181	34.712	26.519	0.762
200	11.053	34.711	26.541	0.777
250	10.277	34.698	26.669	0.851
300	9.821	34.685	26.737	0.920
350	9.431	34.677	26.795	0.987
400	9.049	34.659	26.843	1.053
450	8.537	34.635	26.905	1.115
500	7.886	34.600	26.977	1.175
550	7.292	34.574	27.043	1.232
600	6.977	34.582	27.077	1.286
650	6.495	34.551	27.133	1.339
700	6.104	34.554	27.187	1.388
750	5.771	34.553	27.228	1.436
800	5.408	34.551	27.271	1.482
850	4.917	34.555	27.333	1.569
900	4.486	34.563	27.387	1.650
1000	2.971	34.605	27.572	2.000
2000	2.080	34.843	27.679	2.280
2500	1.689	34.666	27.728	2.524
3000	1.492	34.675	27.750	2.757
3500	1.256	34.696	27.776	2.982
4000	1.093	34.693	27.793	3.200
4004	1.092	34.693	27.792	3.202

CAST GP4-96-KA-0271 DATE 11 AUG 96 TIME 1231 GMT
 LAT 09 00.4N LONG 155 14.1W WEATHER 8 SEA STATE 3
 BAROMETER 10 WIND DIR 070 T SPD 16 KT VISIBILITY 7
 CLOUD 8 AMOUNT DRY 26.9 WET 24.7 DEPTH 5250 M



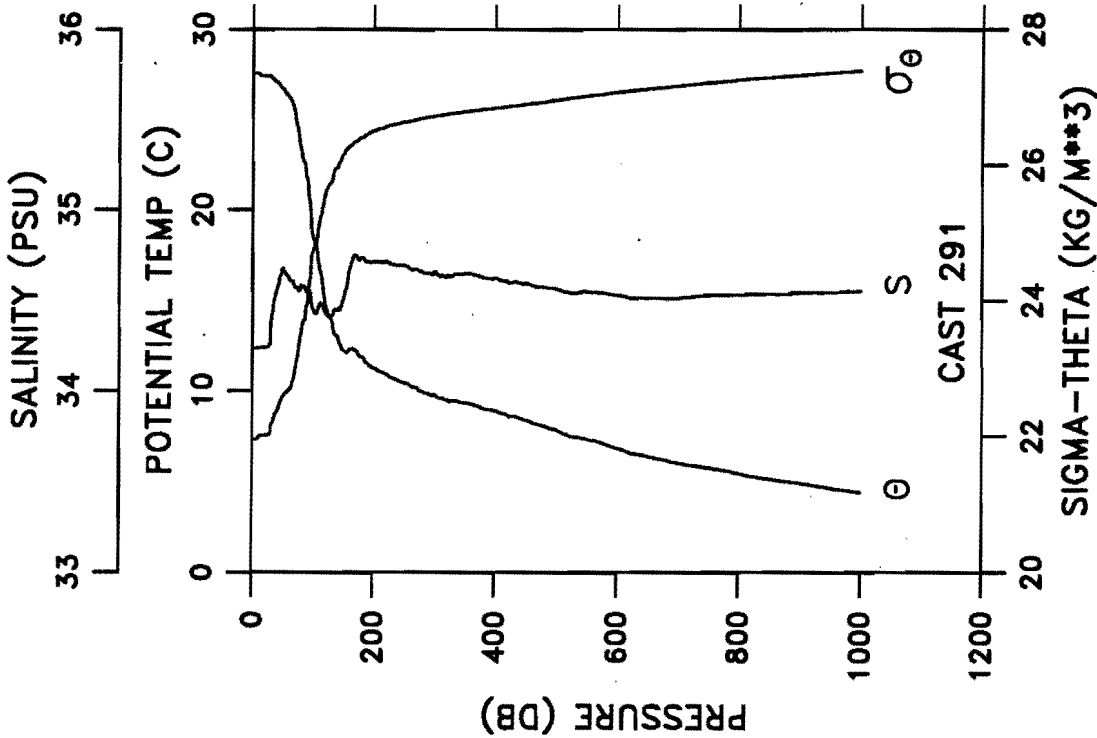
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.205	34.337	21.832	0.000
10	28.201	34.336	21.832	0.060
20	28.208	34.336	21.830	0.120
30	28.206	34.337	21.831	0.179
40	28.175	34.337	21.841	0.239
50	27.952	34.366	21.936	0.289
60	26.788	34.634	22.512	0.355
70	25.330	34.594	22.936	0.406
80	22.061	34.541	23.854	0.451
90	18.945	34.684	24.795	0.486
100	16.064	34.490	25.342	0.515
110	13.904	34.470	25.798	0.540
120	12.886	34.543	26.062	0.562
130	12.291	34.649	26.261	0.580
140	12.051	34.665	26.320	0.598
150	11.795	34.703	26.398	0.615
160	11.585	34.725	26.452	0.631
170	11.485	34.727	26.475	0.647
180	11.269	34.726	26.513	0.663
190	11.086	34.721	26.543	0.678
200	10.993	34.719	26.559	0.694
250	10.360	34.701	26.657	0.767
300	9.872	34.682	26.726	0.837
350	9.451	34.665	26.783	0.905
400	8.955	34.645	26.848	0.970
450	8.488	34.623	26.904	1.033
500	7.860	34.592	26.975	1.092
550	7.420	34.575	27.025	1.148
600	7.061	34.566	27.069	1.204
650	6.562	34.551	27.124	1.257
700	6.125	34.544	27.177	1.308
750	5.754	34.544	27.224	1.356
800	5.408	34.546	27.267	1.401
900	4.870	34.552	27.336	1.488
1000	4.436	34.561	27.390	1.569
1004	4.418	34.561	27.393	1.573

CAST GP4-98-KA-0281 DATE 11 AUG 96 TIME 1904 GMT
 LAT 10 00.4N LONG 155 27.2W WEATHER 2 SEA STATE 3
 BAROMETER 12 WIND DIR 060 T SPD 13 KT VISIBILITY 7
 CLOUD 8 AMOUNT 8 DRY 27.9 WET 24.6 DEPTH 5160 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.687	34.173	21.877	0.000
10	27.684	34.172	21.877	0.059
20	27.689	34.172	21.875	0.119
30	27.507	34.226	21.975	0.178
40	26.452	34.511	22.525	0.233
50	26.132	34.541	22.648	0.286
60	25.411	34.592	22.909	0.337
70	23.293	34.522	23.488	0.385
80	20.498	34.475	24.231	0.426
90	18.513	34.384	24.674	0.461
100	16.148	34.382	25.239	0.491
110	14.763	34.487	25.629	0.517
120	13.290	34.475	25.928	0.539
130	12.456	34.508	26.120	0.560
140	12.133	34.593	26.248	0.578
150	11.947	34.639	26.320	0.596
160	11.752	34.679	26.387	0.613
170	11.655	34.717	26.435	0.629
180	11.436	34.722	26.480	0.645
190	11.310	34.719	26.501	0.661
200	11.162	34.720	26.528	0.677
250	10.475	34.688	26.634	0.752
300	9.986	34.681	26.706	0.823
350	9.474	34.656	26.772	0.891
400	9.018	34.628	26.824	0.957
450	8.442	34.598	26.891	1.021
500	7.711	34.560	26.971	1.081
550	7.331	34.551	27.019	1.138
600	6.849	34.541	27.078	1.193
650	6.370	34.534	27.137	1.245
700	5.930	34.532	27.192	1.294
750	5.577	34.535	27.238	1.342
800	5.317	34.538	27.272	1.387
900	4.718	34.549	27.350	1.473
1000	4.266	34.558	27.407	1.552
1002	4.263	34.558	27.407	1.554

CAST GP4-96-KA-0291 DATE 12 AUG 96 TIME 0228 GMT
 LAT 11 00.6N LONG 155 39.5W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 002 T SPD 14 KT VISIBILITY 7
 CLOUD 7 AMOUNT 8 DRY 26.4 WET 24.4 DEPTH 5190 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.587	34.236	21.956	0.000
10	27.531	34.236	21.975	0.059
20	27.421	34.241	22.014	0.117
30	27.343	34.372	22.137	0.175
40	27.057	34.552	22.365	0.230
50	26.662	34.678	22.585	0.284
60	26.229	34.622	22.678	0.336
70	25.209	34.572	22.956	0.387
80	23.346	34.581	23.518	0.434
90	21.737	34.549	23.950	0.476
100	18.503	34.450	24.727	0.512
110	16.956	34.465	25.115	0.543
120	14.851	34.434	25.569	0.569
130	13.961	34.414	25.743	0.593
140	13.080	34.446	25.948	0.614
150	12.274	34.499	26.148	0.634
160	12.283	34.661	26.272	0.652
170	12.266	34.748	26.343	0.670
180	11.898	34.735	26.404	0.687
190	11.528	34.716	26.458	0.703
200	11.264	34.713	26.504	0.719
250	10.484	34.695	26.634	0.794
300	9.779	34.657	26.722	0.865
350	9.339	34.648	26.768	0.933
400	8.905	34.626	26.841	0.998
450	8.387	34.586	26.898	1.061
500	7.844	34.565	26.956	1.122
550	7.340	34.549	27.016	1.179
600	6.841	34.531	27.071	1.235
650	6.383	34.514	27.120	1.287
700	6.025	34.512	27.164	1.338
750	5.760	34.530	27.211	1.387
800	5.459	34.533	27.251	1.433
850	4.922	34.542	27.321	1.521
900	4.404	34.552	27.387	1.603
1000	2.901	34.601	27.576	1.949
2000	2.008	34.640	27.683	2.226
2500	1.622	34.665	27.732	2.466
3000	1.417	34.677	27.757	2.694
3500	1.244	34.683	27.774	2.916
4000	1.083	34.692	27.793	3.134
4003	1.083	34.692	27.792	3.135

CAST GP4-96-KA-0011 LAT 05 04.1N LONG 169 56.2W CAST GP4-96-KA-0021 LAT 04 00.3N LONG 169 59.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
3.	28.822	34.683	28.821	21.888	3.	28.366	35.099	28.365	22.351
3003.	1.688	34.675	1.467	27.736	200.	12.755	34.594	12.728	26.129
3502.	1.553	34.686	1.285	27.752	600.	6.927	34.574	6.870	27.094
3751.	1.481	34.690	1.189	27.761	799.	5.393	34.549	5.325	27.271
4009.	1.422	34.694	1.105	27.770	1005.	4.529	34.559	4.449	27.379

CAST GP4-96-KA-0012 LAT 05 00.8N LONG 169 56.8W CAST GP4-96-KA-0031 LAT 02 59.9N LONG 170 00.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	28.883	34.710	28.880	21.886	12.	28.348	35.037	28.345	22.310
100.	27.266	34.954	27.243	22.595	200.	11.857	34.564	11.832	26.279
202.	11.129	34.609	11.104	26.451	598.	7.047	34.570	6.989	27.074
300.	9.070	34.646	9.037	26.832	792.	5.574	34.550	5.506	27.249
501.	7.777	34.598	7.726	26.994	1004.	4.702	34.555	4.620	27.357

CAST GP4-96-KA-0041 LAT 01 58.1N LONG 170 03.2W CAST GP4-96-KA-0061 LAT 00 00.2S LONG 169 47.5W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	28.512	35.043	28.509	22.262	3.	27.794	35.252	27.793	22.654
199.	11.975	34.813	11.949	26.454	3.	27.791	35.252	27.790	22.655
599.	6.569	34.563	6.514	27.134	502.	7.902	34.609	7.851	26.982
799.	5.651	34.550	5.582	27.241	803.	5.551	34.550	5.482	27.253
1003.	4.748	34.551	4.666	27.349	1002.	4.814	34.552	4.732	27.341
					1502.	3.126	34.601	3.016	27.555
					2002.	2.228	34.645	2.088	27.666
					2499.	1.861	34.664	1.683	27.713
					3000.	1.652	34.675	1.432	27.737
					3499.	1.539	34.683	1.272	27.752
					5001.	1.255	34.708	0.829	27.792

CAST GP4-96-KA-0051 LAT 00 59.9N LONG 170 00.1W CAST GP4-96-KA-0062 LAT 00 01.2S LONG 170 04.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
4.	27.995	35.014	27.994	22.410	11.	27.743	35.277	27.741	22.689
199.	12.941	34.878	12.914	26.321	101.	24.441	35.328	24.420	23.759
602.	6.924	34.579	6.866	27.097	200.	13.586	34.929	13.557	26.225
799.	5.554	34.552	5.485	27.253	301.	11.321	34.797	11.284	26.560
1005.	4.573	34.559	4.492	27.372	501.	7.881	34.611	7.830	26.985

CAST GP4-96-KA-0071 LAT 01 00.1S LONG 169 59.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
200.	14.820	35.161	14.790	26.137	9.	28.143	35.365	28.141	22.624
601.	7.012	34.578	6.954	27.086	202.	12.520	34.961	12.493	26.458
799.	5.885	34.548	5.814	27.210	600.	7.307	34.598	7.248	27.060
1001.	4.773	34.551	4.691	27.345	799.	5.649	34.550	5.580	27.241
					1002.	4.701	34.551	4.619	27.352

CAST GP4-96-KA-0091 LAT 02 59.7S LONG 169 59.8W

CAST GP4-96-KA-0101 LAT 04 00.0S LONG 169 59.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	28.090	35.343	28.087	22.625	12.	28.351	35.443	28.347	22.615
202.	12.435	34.985	12.408	26.475	200.	16.153	35.318	16.121	25.960
600.	6.909	34.565	6.852	27.090	600.	6.819	34.579	6.763	27.113
799.	5.676	34.543	5.607	27.233	798.	5.407	34.567	5.339	27.269
1002.	4.615	34.550	4.535	27.362	1002.	4.451	34.551	4.371	27.382

CAST GP4-96-KA-0081 LAT 02 13.6S LONG 170 00.3W

CAST GP4-96-KA-0111 LAT 05 00.6S LONG 170 07.0W CAST GP4-96-KA-0121 LAT 08 16.1S LONG 154 59.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	28.327	35.458	28.324	22.635	17.	27.612	35.496	27.608	22.897
149.	25.900	36.192	25.866	23.963	15.	27.610	35.496	27.606	22.897
300.	11.199	34.839	11.161	26.612	74.	27.620	35.571	27.603	22.950
490.	8.442	34.694	8.390	26.933	150.	25.697	36.517	25.664	24.252
1001.	4.353	34.544	4.275	27.387	299.	11.864	34.848	11.825	26.496
1501.	2.908	34.602	2.802	27.576	499.	7.578	34.595	7.529	27.017
2005.	2.191	34.641	2.052	27.669	1001.	4.423	34.514	4.344	27.376
2500.	1.875	34.662	1.697	27.711	1499.	3.000	34.594	2.892	27.560
3000.	1.668	34.675	1.447	27.737	1998.	2.243	34.638	2.102	27.661
3499.	1.523	34.686	1.257	27.756	2499.	1.873	34.667	1.695	27.713
4001.	1.430	34.693	1.113	27.768	3015.	1.660	34.682	1.438	27.741

CAST GP4-96-KA-0112 LAT 04 59.8S LONG 169 58.7W CAST GP4-96-KA-0122 LAT 08 17.4S LONG 154 59.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
13.	28.312	35.457	28.309	22.612	10.	27.628	35.511	27.626	22.903
100.	28.221	35.436	28.197	22.652	200.	20.882	35.931	20.844	25.223
198.	17.330	35.443	17.297	25.775	301.	11.910	34.853	11.870	26.492
300.	11.541	34.873	11.502	26.577	401.	8.848	34.668	8.804	26.883
500.	8.366	34.645	8.314	26.942	502.	7.801	34.606	7.750	26.996

CAST GP4-96-KA-0131 LAT 06 59.9S LONG 155 00.1W CAST GP4-96-KA-0151 LAT 04 59.5S LONG 155 00.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	27.632	35.300	27.629	22.742	12.	27.569	35.369	27.566	22.816
190.	21.483	36.002	21.446	25.121	199.	15.036	35.174	15.006	26.095
600.	6.437	34.557	6.382	27.146	600.	7.509	34.604	7.449	27.035
800.	5.387	34.539	5.319	27.265	800.	5.767	34.544	5.697	27.222
1002.	4.456	34.547	4.376	27.378	1002.	4.681	34.542	4.600	27.349

CAST GP4-96-KA-0141 LAT 05 59.8S LONG 154 59.5W CAST GP4-96-KA-0161 LAT 03 59.7S LONG 154 48.5W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
8.	27.674	35.395	27.673	22.792	12.	27.529	35.358	27.526	22.819
151.	24.497	36.287	24.464	24.473	201.	14.056	35.078	14.026	26.235
599.	7.009	34.580	6.952	27.087	600.	7.391	34.602	7.332	27.051
800.	5.457	34.542	5.389	27.258	801.	5.904	34.554	5.833	27.213
1001.	4.437	34.546	4.358	27.379	1001.	4.778	34.545	4.696	27.340

CAST GP4-96-KA-0191 LAT 00 01.9N LONG 154 58.8W CAST GP4-96-KA-0211 LAT 03 00.2N LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	26.030	35.279	26.028	23.236	799.	5.627	34.549	5.558	27.243
201.	13.635	35.004	13.606	26.267	800.	5.623	34.549	5.554	27.243
600.	7.388	34.596	7.329	27.046	1001.	4.722	34.553	4.641	27.354
801.	5.715	34.549	5.646	27.233					
1001.	4.460	34.560	4.381	27.386					

CAST GP4-96-KA-0201 LAT 02 05.0N LONG 154 57.9W CAST GP4-96-KA-0221 LAT 04 00.6N LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
6.	27.469	35.014	27.467	22.580	11.	27.560	34.990	27.558	22.533
602.	7.508	34.587	7.448	27.022	199.	14.363	34.650	14.334	25.839
800.	5.596	34.546	5.527	27.246	599.	7.447	34.590	7.387	27.034
1001.	4.614	34.557	4.534	27.367	800.	5.681	34.549	5.611	27.237
					999.	4.728	34.555	4.647	27.354

CAST GP4-96-KA-0231 LAT 05 00.9N LONG 154 53.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.904	34.926	27.901	22.372	12.	28.482	34.409	28.479	21.795
150.	26.029	35.067	25.996	23.061	201.	11.284	34.622	11.259	26.431
300.	9.606	34.661	9.571	26.755	599.	7.435	34.582	7.376	27.029
501.	8.084	34.612	8.033	26.957	802.	5.563	34.550	5.494	27.252
1000.	4.784	34.560	4.703	27.351	999.	4.543	34.563	4.463	27.381
1501.	3.073	34.606	2.964	27.564					
1999.	2.233	34.645	2.093	27.668					
2501.	1.878	34.666	1.700	27.713					
3001.	1.719	34.675	1.497	27.733					
3499.	1.510	34.687	1.244	27.758					
4000.	1.412	34.695	1.096	27.771					

CAST GP4-96-KA-0231 LAT 05 00.9N LONG 154 53.8W

CAST GP4-96-KA-0261 LAT 07 57.8N LONG 155 00.5W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
5.	28.480	34.688	28.479	22.004	12.	28.519	34.345	28.516	21.735
200.	11.744	34.615	11.718	26.339	149.	12.963	34.558	12.943	26.070
602.	7.265	34.583	7.206	27.055	300.	9.772	34.679	9.738	26.741
802.	5.629	34.551	5.560	27.245	501.	7.905	34.593	7.854	26.970
1003.	4.654	34.561	4.573	27.367	998.	4.542	34.563	4.462	27.380
					1499.	3.057	34.605	2.949	27.564
					1999.	2.247	34.643	2.107	27.664
					2499.	1.873	34.666	1.695	27.713
					2995.	1.719	34.675	1.498	27.733
					3496.	1.528	34.686	1.262	27.755
					4002.	1.410	34.694	1.093	27.770

CAST GP4-96-KA-0241 LAT 06 00.4N LONG 154 59.3W

CAST GP4-96-KA-0271 LAT 09 00.4N LONG 155 14.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
7.	28.189	34.313	28.188	21.818	12.	27.519	34.230	27.516	21.974
200.	10.973	34.714	10.948	26.559	74.	24.736	34.564	24.720	23.077
599.	7.174	34.565	7.116	27.052	299.	9.777	34.647	9.743	26.715
800.	5.520	34.544	5.451	27.253	498.	7.975	34.566	7.924	26.937
1003.	4.504	34.559	4.425	27.383	998.	4.456	34.552	4.377	27.381
					1498.	3.063	34.600	2.955	27.560
					1938.	2.256	34.634	2.121	27.658
					2499.	1.821	34.663	1.645	27.716
					2999.	1.643	34.676	1.423	27.740
					3500.	1.512	34.684	1.245	27.756
					4002.	1.399	34.692	1.083	27.770

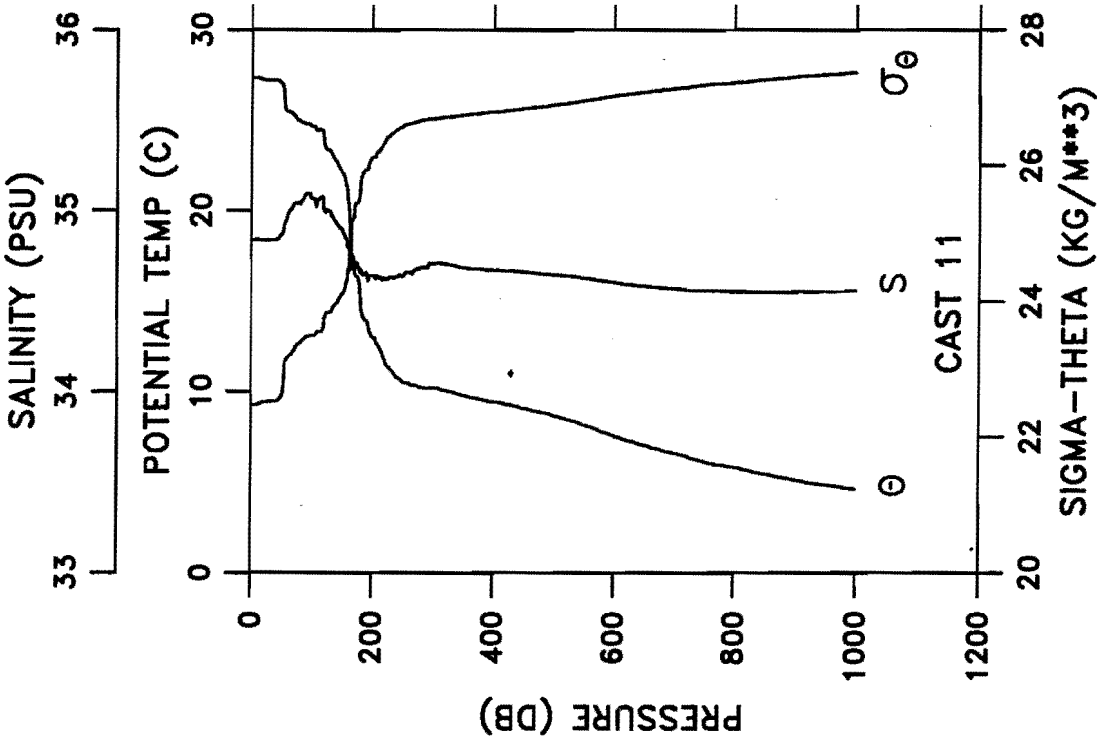
CAST GP4-96-KA-0291 LAT 11 00.6N LONG 155 39.5W

CAST GP4-96-KA-0281 LAT 10 00.4N LONG 155 27.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.671	34.170	27.669	21.880
201.	11.179	34.715	11.154	26.521
600.	6.895	34.536	6.838	27.069
800.	5.387	34.536	5.320	27.262
1002.	4.342	34.558	4.263	27.399

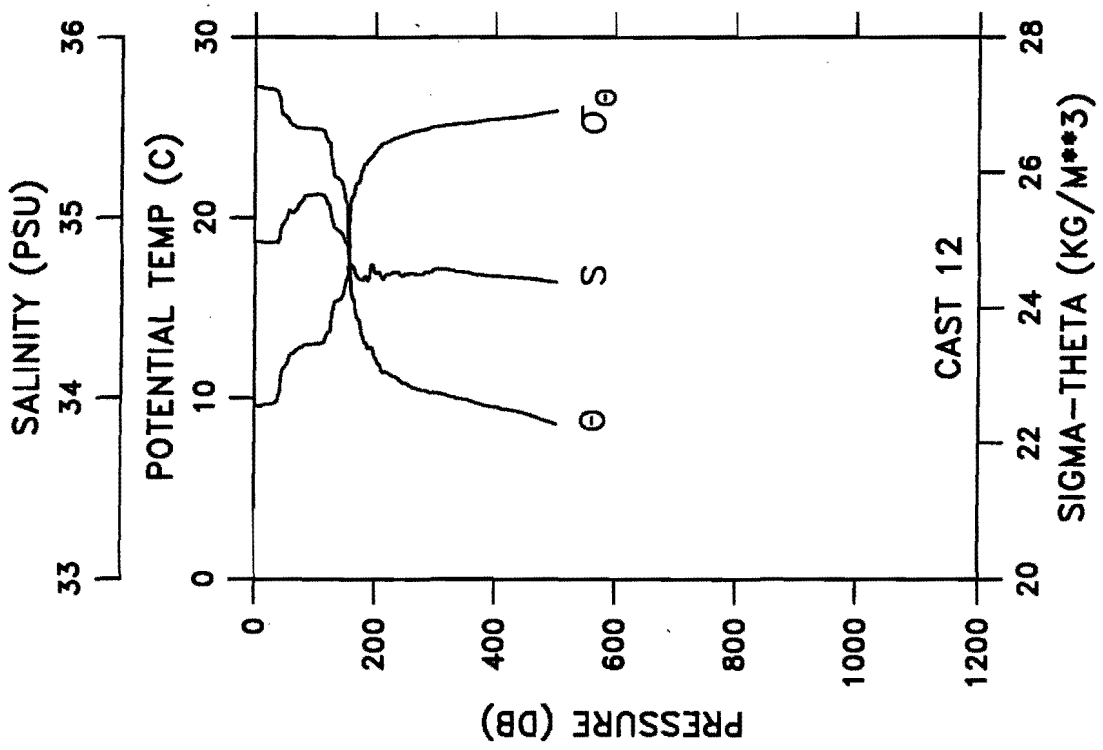
GP5-96-KA
August 23-September 22, 1996
CTD and Hydrographic Data Summary

CAST GP5-96-KA-0011 DATE 01 SEP 96 TIME 0406 GMT
 LAT 04 57.4N LONG 139 51.1W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 114 T SPD 12 KT VISIBILITY 7
 CLOUD 4 AMOUNT 8 DRY 26.2 WET 23.5 DEPTH 4500 M



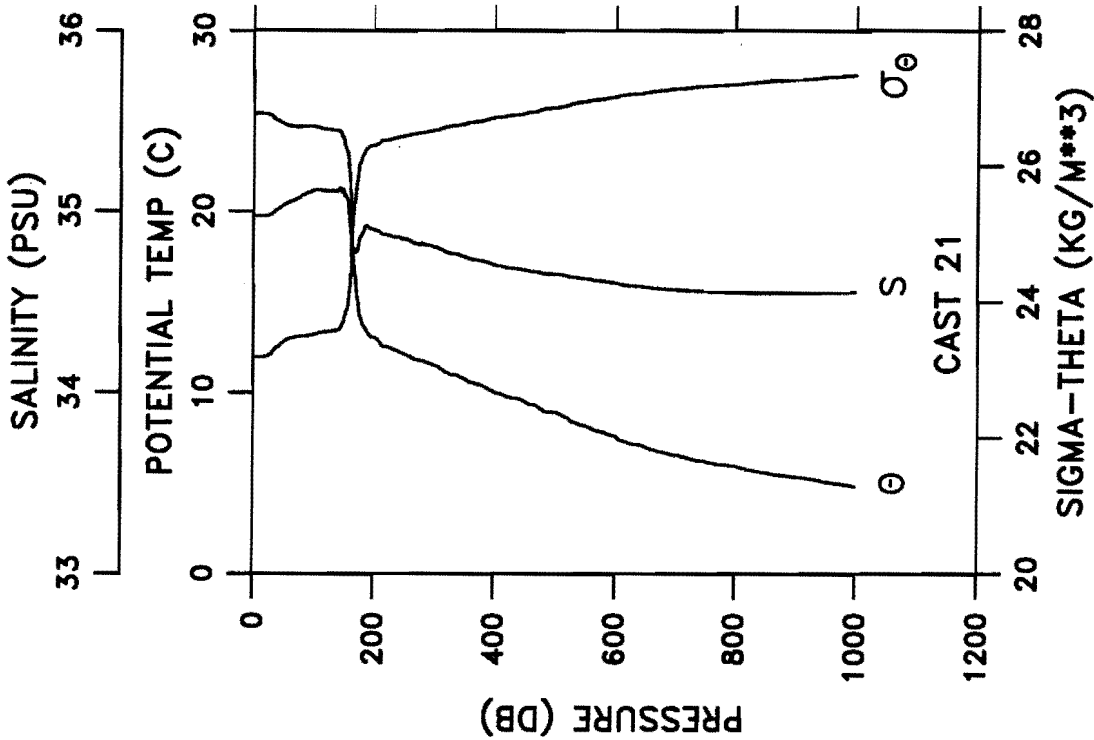
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.375	34.839	22.478	0.000
10	27.376	34.841	22.479	0.054
20	27.249	34.836	22.517	0.107
30	27.231	34.837	22.523	0.160
40	27.218	34.838	22.528	0.213
50	27.055	34.866	22.602	0.267
60	25.489	34.975	23.175	0.316
70	25.308	35.034	23.275	0.363
80	24.991	35.041	23.377	0.408
90	24.806	35.091	23.470	0.453
100	24.649	35.068	23.501	0.497
110	24.446	35.056	23.553	0.542
120	23.926	35.002	23.667	0.585
130	23.312	34.993	23.839	0.627
140	22.739	34.935	23.961	0.667
150	22.135	34.898	24.104	0.706
160	20.567	34.799	24.459	0.744
170	17.166	34.669	25.222	0.775
180	15.308	34.675	25.654	0.800
190	13.938	34.654	25.934	0.822
200	13.006	34.639	26.113	0.842
250	10.561	34.637	26.571	0.928
300	10.203	34.707	26.688	1.000
350	9.789	34.683	26.741	1.070
400	9.434	34.672	26.791	1.137
450	9.076	34.661	26.841	1.203
500	8.652	34.645	26.896	1.267
550	8.170	34.629	26.957	1.328
600	7.569	34.602	27.025	1.386
650	7.064	34.585	27.083	1.441
700	6.596	34.569	27.135	1.494
750	6.141	34.560	27.187	1.545
800	5.827	34.552	27.221	1.593
850	5.123	34.554	27.307	1.684
900	4.624	34.559	27.368	1.768
1000	3.042	34.603	27.564	2.124
1500	2.163	34.638	27.689	2.411
2000	1.712	34.664	27.725	2.659
2500	1.503	34.675	27.748	2.894
3000	1.497	34.675	27.749	2.898

CAST GP5-96-KA-0012 DATE 01 SEP 96 TIME 2104 GMT
 LAT 04 52.7N LONG 139 52.7W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 127 T SPD 12 KT VISIBILITY 7
 CLOUD 2 AMOUNT 1 DRY 25.9 WET 25.5 DEPTH 4500 M



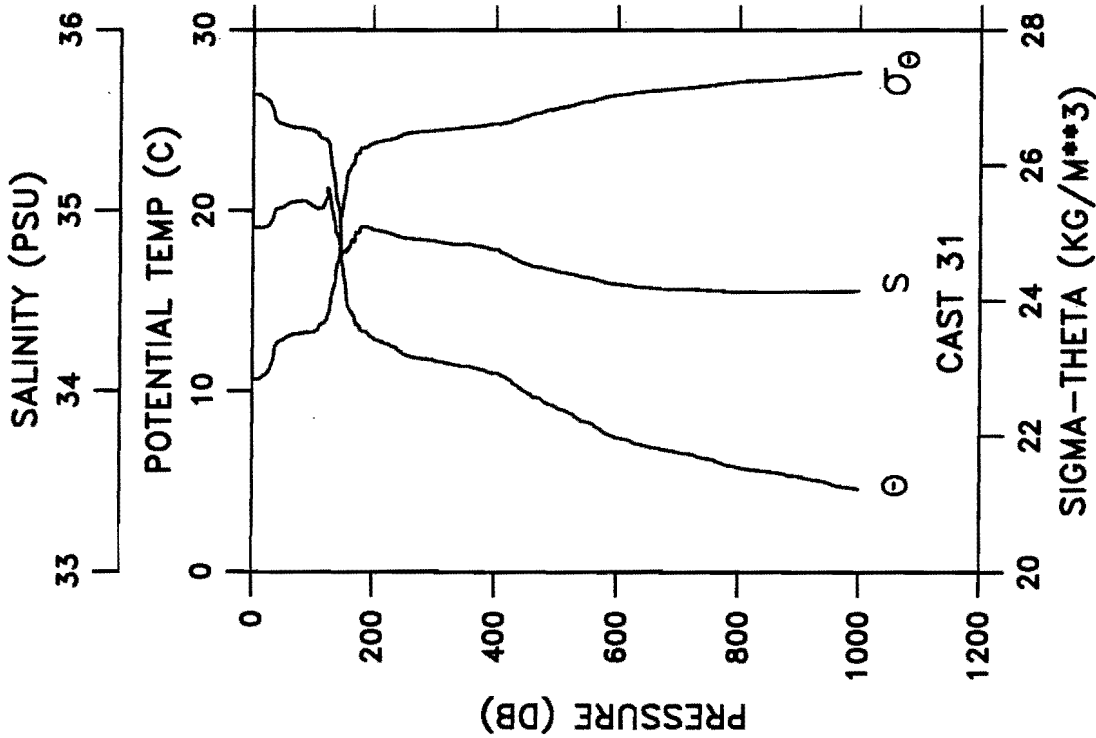
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.224	34.867	22.548	0.000
10	27.213	34.864	22.550	0.053
20	27.114	34.881	22.579	0.106
30	27.092	34.881	22.586	0.158
40	26.688	34.879	22.728	0.211
50	25.626	34.982	23.138	0.259
60	25.177	35.036	23.316	0.308
70	24.979	35.049	23.387	0.351
80	24.984	35.100	23.430	0.396
90	24.939	35.125	23.456	0.441
100	24.912	35.130	23.468	0.486
110	24.883	35.131	23.477	0.530
120	24.273	35.085	23.626	0.574
130	22.801	34.968	24.025	0.616
140	22.141	34.926	24.124	0.655
150	21.119	34.867	24.361	0.692
160	15.808	34.736	25.589	0.724
170	14.411	34.669	25.845	0.747
180	13.222	34.657	26.083	0.768
190	12.753	34.669	26.186	0.787
200	12.243	34.693	26.304	0.805
250	10.852	34.687	26.559	0.886
300	10.309	34.713	26.675	0.959
350	9.939	34.696	26.725	1.029
400	9.512	34.676	26.781	1.098
450	9.152	34.663	26.830	1.164
500	8.600	34.646	26.904	1.227
502	8.575	34.643	26.906	1.230

CAST GP5-96-KA-0021 DATE 02 SEP 96 TIME 1055 GMT
 LAT 04 01.2N LONG 140 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 070 T SPD 11 KT VISIBILITY 6
 CLOUD 9 AMOUNT X DRY 25.7 WET 22.5 DEPTH 4320 M



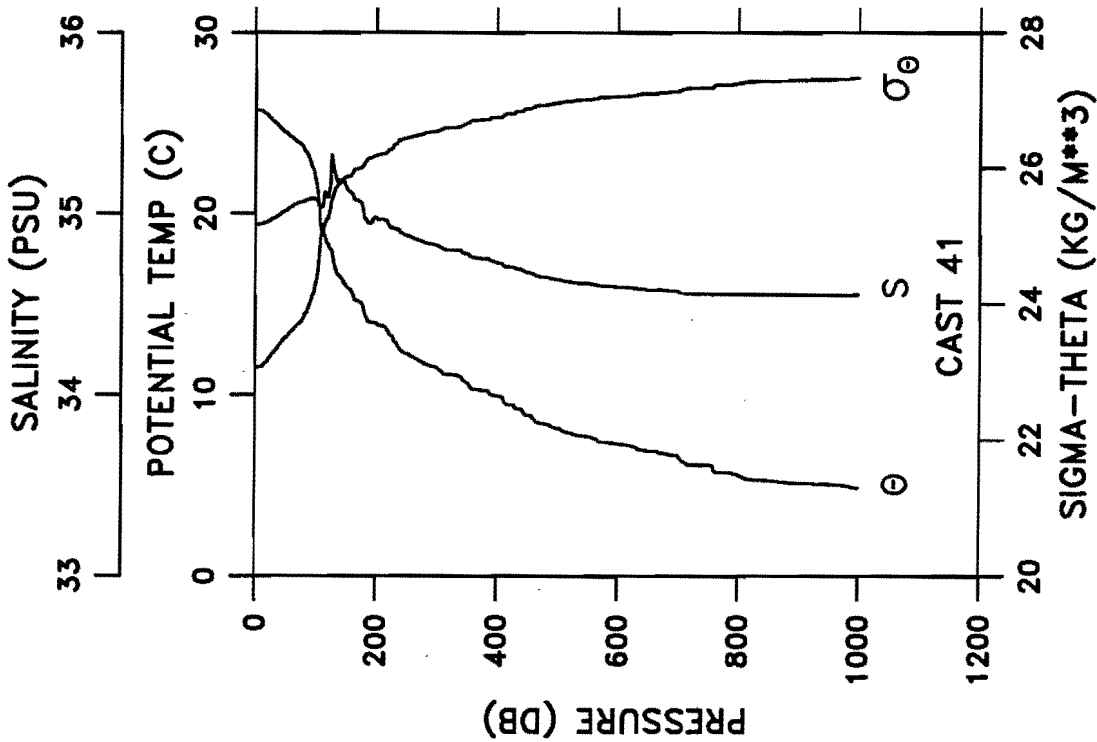
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.438	34.975	23.190	0.000
10	25.438	34.975	23.189	0.047
20	25.414	34.975	23.198	0.094
30	25.329	34.981	23.229	0.140
40	25.050	35.010	23.336	0.186
50	24.873	35.031	23.405	0.231
60	24.748	35.051	23.458	0.276
70	24.702	35.065	23.482	0.320
80	24.703	35.083	23.486	0.365
90	24.728	35.102	23.502	0.409
100	24.708	35.114	23.518	0.453
110	24.617	35.116	23.547	0.497
120	24.562	35.112	23.560	0.541
130	24.528	35.111	23.570	0.584
140	24.487	35.112	23.583	0.628
150	24.079	35.113	23.705	0.671
160	21.975	34.933	24.176	0.712
170	16.171	34.774	25.535	0.742
180	13.933	34.863	26.096	0.764
190	13.318	34.914	26.263	0.782
200	13.038	34.898	26.307	0.800
250	12.122	34.848	26.448	0.884
300	11.488	34.803	26.533	0.965
350	10.758	34.750	26.625	1.041
400	10.010	34.704	26.720	1.113
450	9.537	34.677	26.778	1.183
500	8.908	34.654	26.862	1.248
550	8.174	34.630	26.957	1.310
600	7.801	34.806	27.023	1.368
650	6.997	34.583	27.091	1.423
700	6.547	34.569	27.141	1.475
750	6.203	34.560	27.179	1.525
800	5.937	34.554	27.208	1.574
900	5.337	34.550	27.279	1.667
1000	4.789	34.555	27.347	1.754
1002	4.780	34.554	27.347	1.756

CAST GP5-96-KA-0031 DATE 03 SEP 96 TIME 0233 GMT
 LAT 01 59.0N LONG 140 02.2W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 100 T SPD 16 KT VISIBILITY 7
 CLOUD 3 AMOUNT 8 DRY 26.6 WET 22.7 DEPTH 4362 M



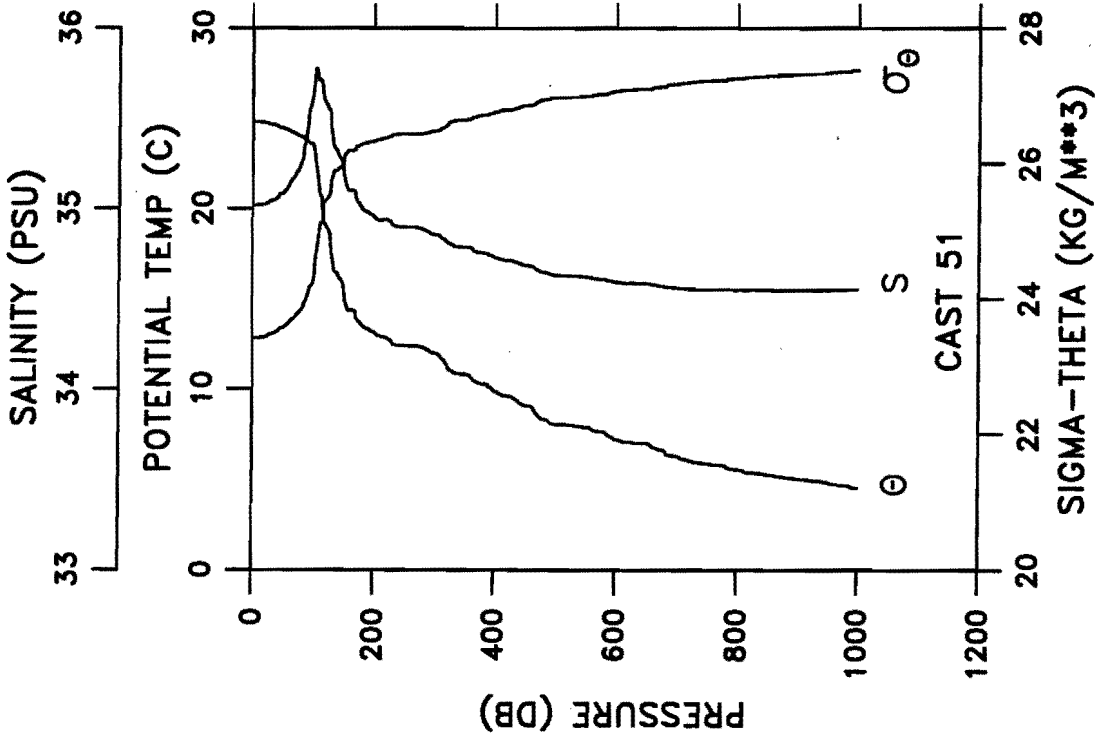
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.392	34.907	22.843	0.000
10	26.392	34.906	22.841	0.050
20	26.210	34.907	22.900	0.100
30	25.855	34.932	23.029	0.149
40	24.955	35.008	23.383	0.196
50	24.786	35.020	23.423	0.241
60	24.661	35.041	23.477	0.285
70	24.593	35.049	23.503	0.329
80	24.562	35.052	23.515	0.373
90	24.495	35.047	23.532	0.417
100	24.432	35.025	23.534	0.461
110	24.105	35.014	23.623	0.505
120	23.952	35.052	23.697	0.548
130	22.585	35.019	24.074	0.589
140	20.439	34.860	24.540	0.626
150	16.413	34.770	25.476	0.656
160	14.522	34.795	25.919	0.679
170	13.794	34.857	26.121	0.700
180	13.356	34.911	26.252	0.718
190	13.245	34.908	26.273	0.736
200	12.925	34.894	26.326	0.754
250	12.044	34.849	26.464	0.839
300	11.708	34.833	26.515	0.919
350	11.380	34.812	26.560	0.997
400	10.992	34.783	26.608	1.074
450	9.979	34.705	26.726	1.148
500	9.124	34.665	26.836	1.216
550	8.288	34.628	26.839	1.279
600	7.400	34.591	27.041	1.337
650	6.923	34.573	27.093	1.391
700	6.573	34.565	27.135	1.444
750	6.233	34.558	27.174	1.494
800	5.748	34.551	27.230	1.543
800	5.257	34.549	27.287	1.634
1000	4.587	34.556	27.370	1.719
1003	4.573	34.555	27.371	1.722

CAST GP5-96-KA-0041 DATE 04 SEP 96 TIME 2312 GMT
 LAT 00 00.2S LONG 140 02.9W WEATHER 1 SEA STATE 3
 BAROMETER 08 WIND DIR 082 T SPD 15 KT VISIBILITY 7
 CLOUD 5 AMOUNT 8 DRY 26.3 WET 23.0 DEPTH 4300 M



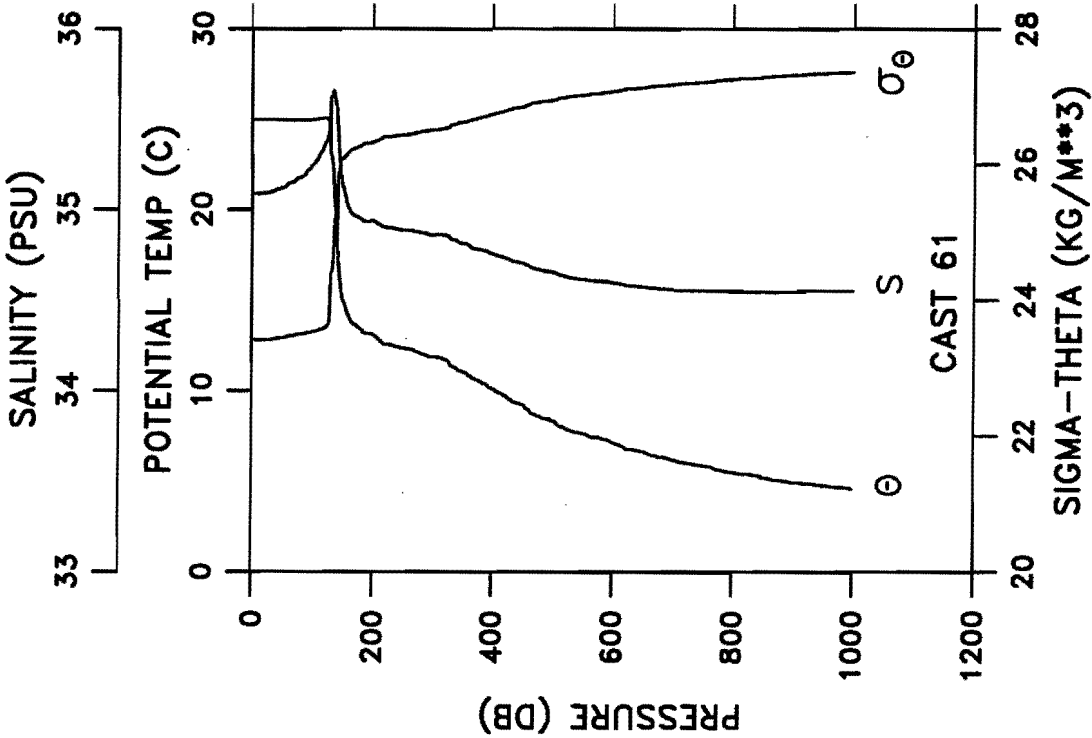
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.731	34.942	23.075	0.000
10	25.709	34.943	23.082	0.048
20	25.487	34.952	23.158	0.095
30	25.118	34.974	23.288	0.142
40	24.771	34.985	23.408	0.187
50	24.486	35.015	23.507	0.232
60	24.234	35.036	23.600	0.275
70	23.959	35.057	23.698	0.318
80	23.637	35.067	23.801	0.360
90	23.000	35.081	23.997	0.400
100	21.847	35.078	24.321	0.438
110	18.970	35.037	25.059	0.471
120	18.325	35.096	25.266	0.498
130	17.227	35.235	25.641	0.524
140	16.490	35.180	25.774	0.548
150	16.017	35.153	25.863	0.570
160	15.640	35.107	25.912	0.591
170	15.161	35.072	25.993	0.612
180	14.590	34.990	26.054	0.632
190	13.986	34.947	26.150	0.652
200	13.926	34.976	26.185	0.671
250	12.278	34.881	26.444	0.759
300	11.503	34.825	26.547	0.839
350	10.646	34.780	26.688	0.914
400	9.833	34.729	26.752	0.984
450	8.882	34.676	26.883	1.050
500	8.134	34.636	26.968	1.111
550	7.700	34.614	27.015	1.168
600	7.271	34.585	27.062	1.223
650	6.862	34.578	27.106	1.277
700	6.560	34.567	27.137	1.329
750	6.080	34.557	27.191	1.378
800	5.548	34.552	27.255	1.425
900	5.110	34.549	27.305	1.513
1000	4.842	34.551	27.337	1.600
1007	4.839	34.550	27.337	1.606

CAST GP5-96-KA-0051 DATE 05 SEP 96 TIME 0942 GMT
 LAT 00 59.9S LONG 139 59.7W WEATHER 1 SEA STATE 4
 BAROMETER 09 WIND DIR 084 T SPD 13 KT VISIBILITY 6
 CLOUD 5 AMOUNT X DRY 24.6 WET 23.5 DEPTH 4200 M



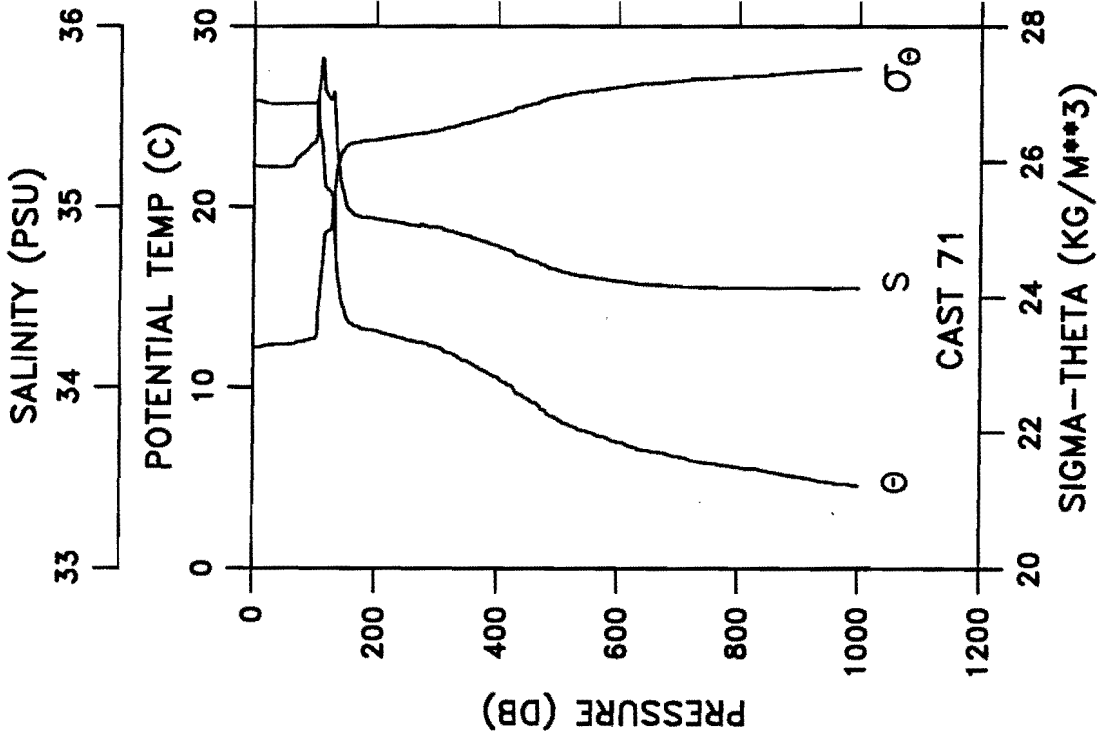
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.788	35.020	23.422	0.000
10	24.785	35.019	23.423	0.045
20	24.772	35.022	23.429	0.089
30	24.663	35.042	23.477	0.133
40	24.576	35.058	23.515	0.177
50	24.455	35.084	23.571	0.221
60	24.315	35.133	23.650	0.264
70	24.153	35.185	23.738	0.306
80	23.984	35.255	23.841	0.347
90	23.735	35.452	24.064	0.387
100	23.445	35.648	24.297	0.425
110	20.898	35.712	25.065	0.458
120	19.071	35.584	25.451	0.485
130	17.291	35.423	25.770	0.510
140	16.310	35.308	25.914	0.532
150	15.429	35.191	26.025	0.552
160	14.347	35.100	26.191	0.571
170	13.962	35.060	26.242	0.590
180	13.529	35.004	26.289	0.608
190	13.332	34.980	26.310	0.626
200	13.154	34.957	26.329	0.643
250	12.403	34.898	26.432	0.727
300	12.011	34.857	26.476	0.810
350	10.836	34.786	26.639	0.887
400	9.893	34.729	26.759	0.958
450	9.101	34.685	26.856	1.024
500	8.082	34.630	26.974	1.086
550	7.891	34.621	26.993	1.144
600	7.208	34.591	27.068	1.200
650	6.985	34.583	27.093	1.254
700	6.268	34.560	27.171	1.305
750	5.873	34.552	27.215	1.354
800	5.536	34.548	27.254	1.400
900	5.031	34.547	27.312	1.489
1000	4.541	34.553	27.373	1.573
1002	4.542	34.553	27.373	1.575

CST GPS-96-KA-0061 DATE 05 SEP 96 TIME 1638 GMT
 LAT 02 02.9S LONG 139 57.0W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 073 T SPD 17 KT VISIBILITY 7
 CLOUD 7 AMOUNT 8 DRY 25.3 WET 22.7 DEPTH 4320 M



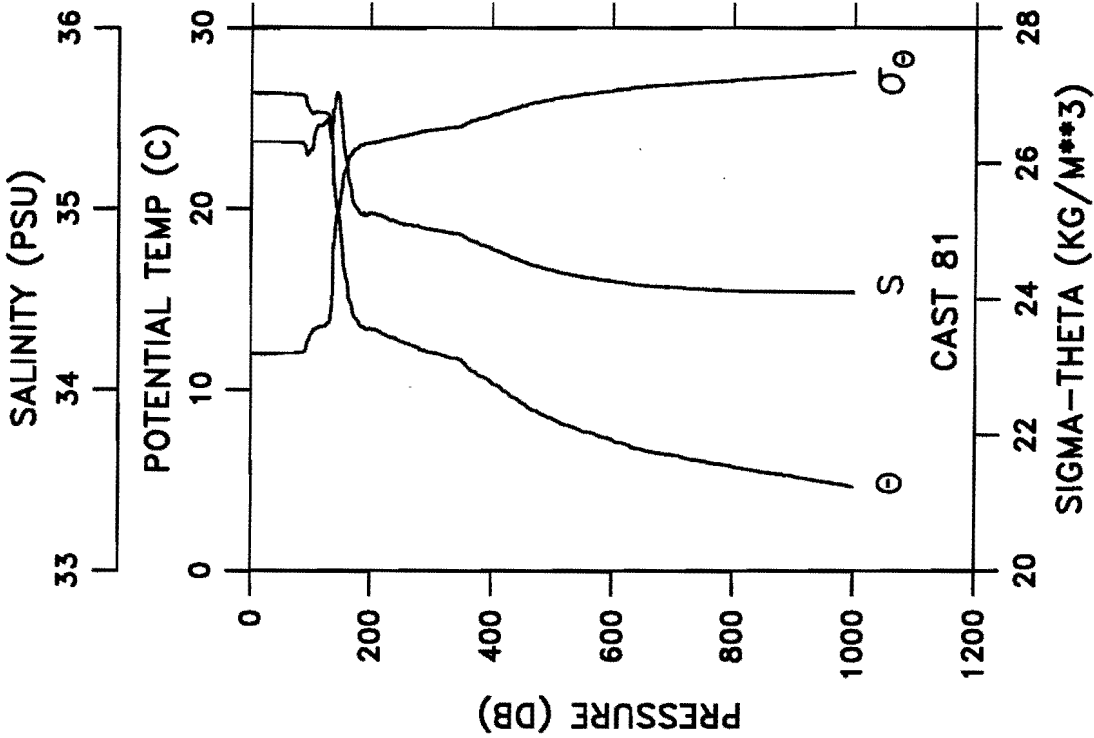
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.997	35.090	23.412	0.000
10	24.996	35.088	23.410	0.045
20	24.994	35.090	23.413	0.089
30	24.991	35.094	23.417	0.134
40	24.970	35.110	23.436	0.179
50	24.959	35.118	23.445	0.223
60	24.939	35.139	23.467	0.268
70	24.930	35.156	23.482	0.312
80	24.927	35.176	23.498	0.356
90	24.938	35.202	23.515	0.400
100	24.972	35.246	23.537	0.444
110	25.012	35.287	23.556	0.488
120	25.071	35.357	23.591	0.532
130	23.226	35.624	24.343	0.574
140	19.493	35.556	25.320	0.606
150	14.940	35.132	26.088	0.628
160	14.110	35.010	26.173	0.647
170	13.657	34.988	26.235	0.665
180	13.398	34.949	26.273	0.683
190	13.164	34.934	26.310	0.701
200	13.116	34.942	26.325	0.719
250	12.348	34.887	26.435	0.803
300	11.866	34.860	26.507	0.884
350	11.050	34.811	26.620	0.962
400	10.111	34.756	26.743	1.034
450	9.240	34.706	26.849	1.100
500	8.337	34.654	26.952	1.162
550	7.644	34.616	27.025	1.219
600	7.140	34.597	27.082	1.274
650	6.634	34.574	27.133	1.326
700	6.180	34.559	27.184	1.376
750	5.854	34.551	27.217	1.424
800	5.501	34.547	27.257	1.471
900	4.935	34.546	27.323	1.559
1000	4.588	34.550	27.367	1.642
1003	4.585	34.549	27.367	1.644

CAST GP5-96-KA-0071 DATE 05 SEP 96 TIME 2337 GMT
 LAT 02 59.8S LONG 139 55.8W WEATHER 1 SEA STATE 3
 BAROMETER 08 WIND DIR 082 T SPD 13 KT VISIBILITY 7
 CLOUD 5 AMOUNT 8 DRY 26.3 WET 23.5 DEPTH 4305 M



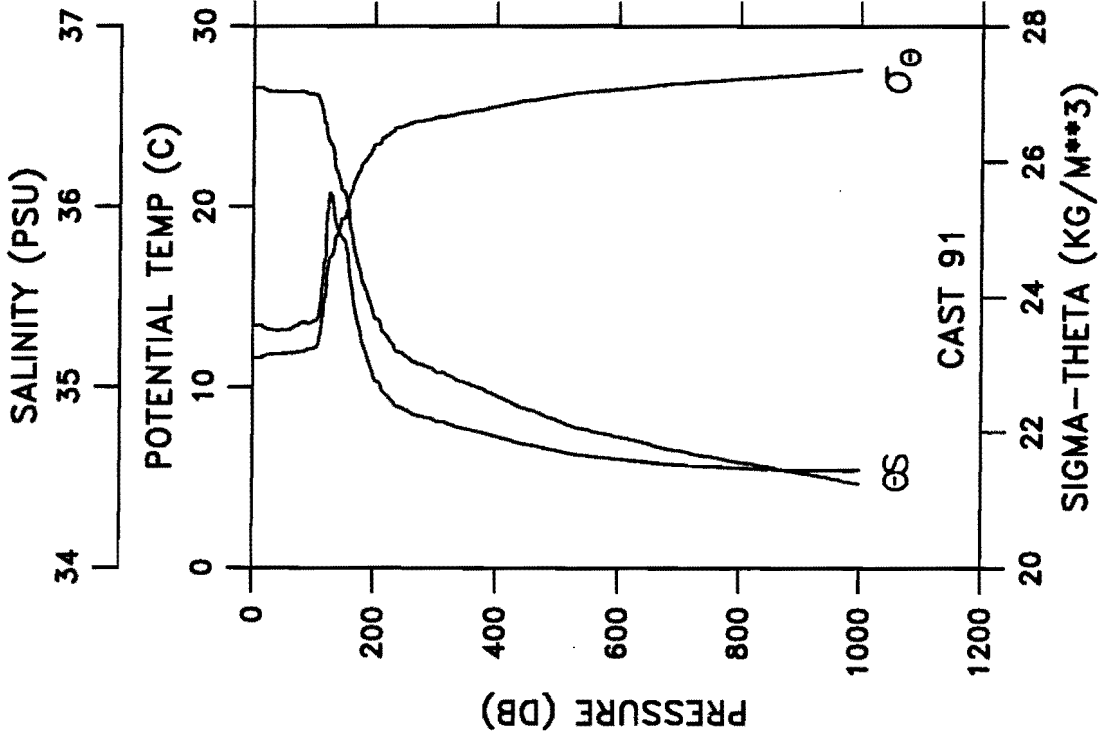
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.870	35.228	23.247	0.000
10	25.862	35.223	23.246	0.046
20	25.749	35.221	23.280	0.092
30	25.718	35.220	23.289	0.138
40	25.712	35.221	23.292	0.184
50	25.706	35.223	23.295	0.230
60	25.704	35.226	23.297	0.276
70	25.718	35.269	23.326	0.322
80	25.732	35.295	23.341	0.368
90	25.741	35.329	23.364	0.413
100	25.732	35.356	23.388	0.459
110	23.850	35.735	24.244	0.501
120	21.032	35.626	24.963	0.533
130	19.969	35.624	25.248	0.563
140	15.593	35.211	26.003	0.586
150	14.054	35.037	26.205	0.606
160	13.519	34.974	26.268	0.624
170	13.359	34.950	26.282	0.641
180	13.202	34.942	26.308	0.659
190	13.159	34.940	26.315	0.677
200	13.114	34.933	26.319	0.694
250	12.609	34.903	26.396	0.780
300	12.219	34.888	26.461	0.864
350	11.450	34.841	26.570	0.944
400	10.550	34.786	26.689	1.018
450	9.365	34.713	26.835	1.086
500	8.243	34.651	26.963	1.148
550	7.529	34.614	27.040	1.205
600	6.954	34.589	27.102	1.259
650	6.483	34.571	27.151	1.310
700	6.143	34.562	27.189	1.360
750	5.806	34.554	27.225	1.408
800	5.572	34.551	27.251	1.454
800	5.041	34.552	27.315	1.543
1000	4.563	34.552	27.370	1.626
1500	2.943	34.597	27.569	1.983
2000	2.098	34.640	27.675	2.263
2500	1.686	34.662	27.725	2.509
3000	1.412	34.675	27.755	2.740
3500	1.230	34.685	27.777	2.963
4000	1.105	34.682	27.791	3.180
4009	1.106	34.691	27.790	3.184

CAST GPS-96-KA-0081 DATE 06 SEP 96 TIME 0817 GMT
 LAT 03 59.8S LONG 139 55.8W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 077 T SPD 16 KT VISIBILITY 7
 CLOUD 0 AMOUNT X DRY 26.6 WET 23.4 DEPTH 4500 M



PRES (DB)	POT TEMP (C)	SAL (FSU)	SIG-TH	DELTA-D (DYN-M)
0	26.381	35.373	23.197	0.000
10	26.374	35.371	23.198	0.047
20	26.376	35.371	23.197	0.093
30	26.372	35.370	23.198	0.140
40	26.372	35.371	23.198	0.187
50	26.365	35.370	23.200	0.234
60	26.331	35.368	23.208	0.281
70	26.323	35.368	23.211	0.328
80	26.308	35.366	23.215	0.374
90	26.201	35.349	23.236	0.421
100	25.369	35.327	23.477	0.467
110	25.340	35.445	23.576	0.511
120	25.306	35.462	23.589	0.554
130	25.167	35.475	23.651	0.597
140	20.955	35.569	24.941	0.635
150	18.607	35.540	25.535	0.663
160	16.046	35.262	25.940	0.685
170	14.251	35.044	26.169	0.705
180	13.731	34.987	26.234	0.724
190	13.419	34.968	26.284	0.742
200	13.359	34.976	26.302	0.759
250	12.668	34.918	26.386	0.846
300	12.058	34.884	26.489	0.928
350	11.616	34.853	26.548	1.008
400	10.396	34.777	26.710	1.082
450	9.261	34.709	26.848	1.150
500	8.409	34.659	26.944	1.212
550	7.706	34.622	27.021	1.270
600	7.227	34.599	27.071	1.326
650	6.677	34.577	27.130	1.378
700	6.394	34.567	27.160	1.429
750	6.055	34.555	27.194	1.478
800	5.747	34.546	27.226	1.526
900	5.244	34.542	27.284	1.618
1000	4.646	34.540	27.351	1.704
1004	4.623	34.539	27.353	1.708

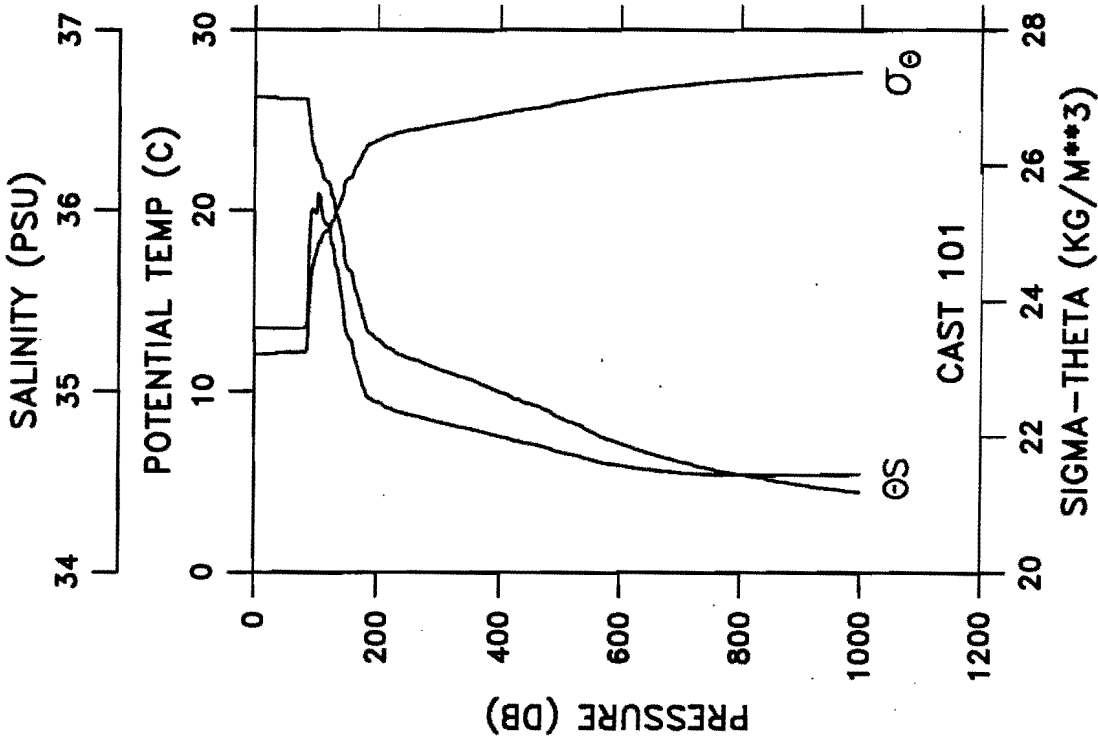
CAST GP5-96-KA-0091 DATE 07 SEP 96 TIME 0248 GMT
 LAT 04 59.35 LONG 139 55.3W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 117 T SPD 18 KT VISIBILITY 7
 CLOUD 3 AMOUNT 8 DRY 26.6 WET 23.3 DEPTH 4320 M



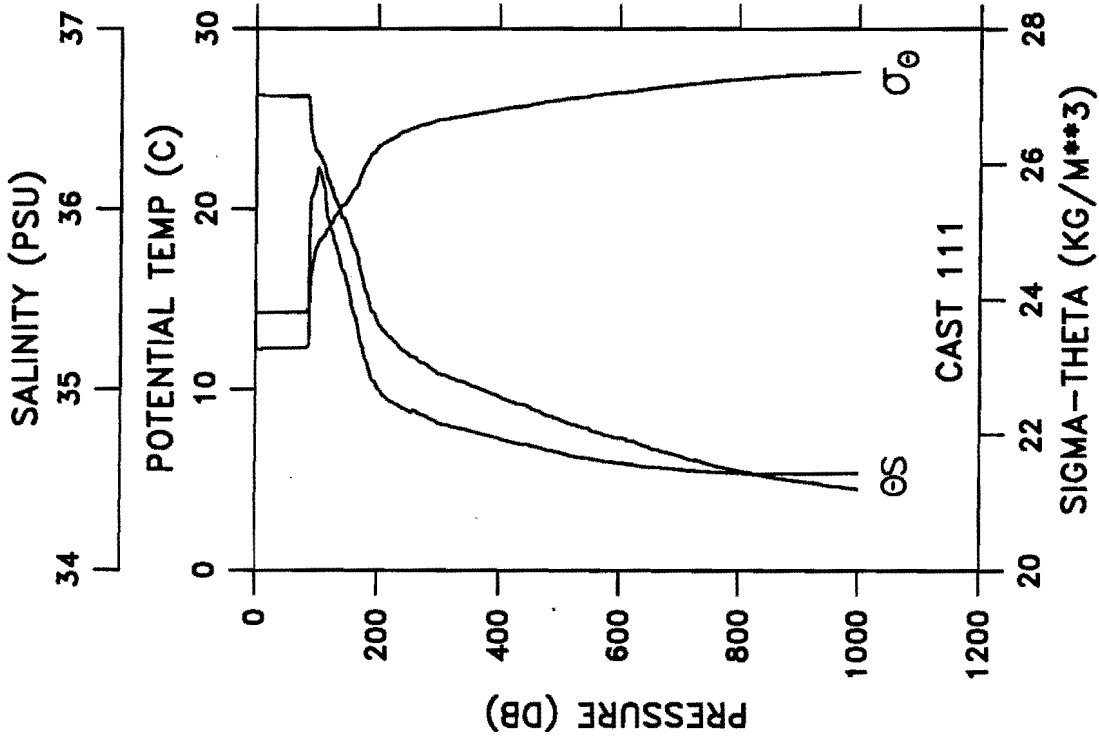
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.616	35.343	23.100	0.000
10	26.614	35.342	23.100	0.048
20	26.503	35.329	23.125	0.095
30	26.403	35.319	23.150	0.142
40	26.377	35.314	23.154	0.190
50	26.372	35.317	23.158	0.237
60	26.356	35.317	23.163	0.284
70	26.364	35.336	23.174	0.332
80	26.371	35.356	23.188	0.379
90	26.247	35.351	23.223	0.426
100	26.229	35.363	23.237	0.473
110	25.807	35.433	23.422	0.519
120	24.552	35.732	24.032	0.561
130	23.454	36.082	24.608	0.596
140	21.843	35.873	24.927	0.628
150	20.863	35.816	25.154	0.658
160	19.019	35.610	25.484	0.685
170	17.291	35.398	25.751	0.709
180	15.848	35.244	25.971	0.731
190	14.984	35.147	26.090	0.752
200	13.896	35.047	26.246	0.771
250	11.734	34.875	26.543	0.854
300	10.866	34.816	26.657	0.929
350	10.251	34.771	26.730	1.000
400	9.568	34.728	26.813	1.068
450	8.814	34.684	26.901	1.131
500	8.181	34.649	26.971	1.191
550	7.658	34.621	27.027	1.249
600	7.257	34.602	27.069	1.304
650	6.870	34.585	27.110	1.357
700	6.485	34.571	27.151	1.408
750	6.163	34.561	27.185	1.458
800	5.821	34.552	27.221	1.507
900	5.240	34.540	27.283	1.599
1000	4.635	34.543	27.354	1.686
1008	4.557	34.543	27.363	1.692

CAST GP5-96-KA-0101 DATE 11 SEP 96 TIME 0205 GMT
 LAT 07 00.0S LONG 126 23.1W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 095 T SPD 14 KT VISIBILITY 7
 CLOUD 6 AMOUNT 8 DRY 25.9 WET 22.0 DEPTH 4380 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.289	35.353	23.212	0.000
10	26.282	35.351	23.212	0.047
20	26.272	35.351	23.215	0.093
30	26.267	35.351	23.217	0.140
40	26.195	35.349	23.238	0.186
50	26.188	35.349	23.240	0.233
60	26.181	35.349	23.242	0.279
70	26.180	35.350	23.243	0.326
80	26.175	35.352	23.246	0.372
90	24.775	35.873	24.072	0.417
100	23.018	35.983	24.676	0.452
110	22.076	35.982	24.944	0.483
120	21.547	35.921	25.046	0.513
130	20.478	35.746	25.204	0.542
140	18.971	35.588	25.484	0.569
150	16.948	35.321	25.774	0.593
160	16.338	35.248	25.862	0.615
170	14.975	35.107	26.061	0.636
180	13.794	35.001	26.232	0.655
190	13.195	34.958	26.322	0.673
200	12.908	34.941	26.367	0.690
250	11.865	34.874	26.517	0.771
300	11.219	34.830	26.604	0.848
350	10.672	34.794	26.675	0.922
400	9.950	34.749	26.765	0.992
450	9.324	34.712	26.840	1.058
500	8.552	34.665	26.927	1.122
550	7.814	34.623	27.006	1.181
600	7.134	34.592	27.079	1.236
650	6.579	34.567	27.135	1.289
700	6.095	34.551	27.186	1.338
750	5.727	34.543	27.226	1.386
800	5.392	34.538	27.263	1.432
900	4.841	34.538	27.327	1.520
1000	4.449	34.545	27.376	1.602
1003	4.442	34.546	27.378	1.604

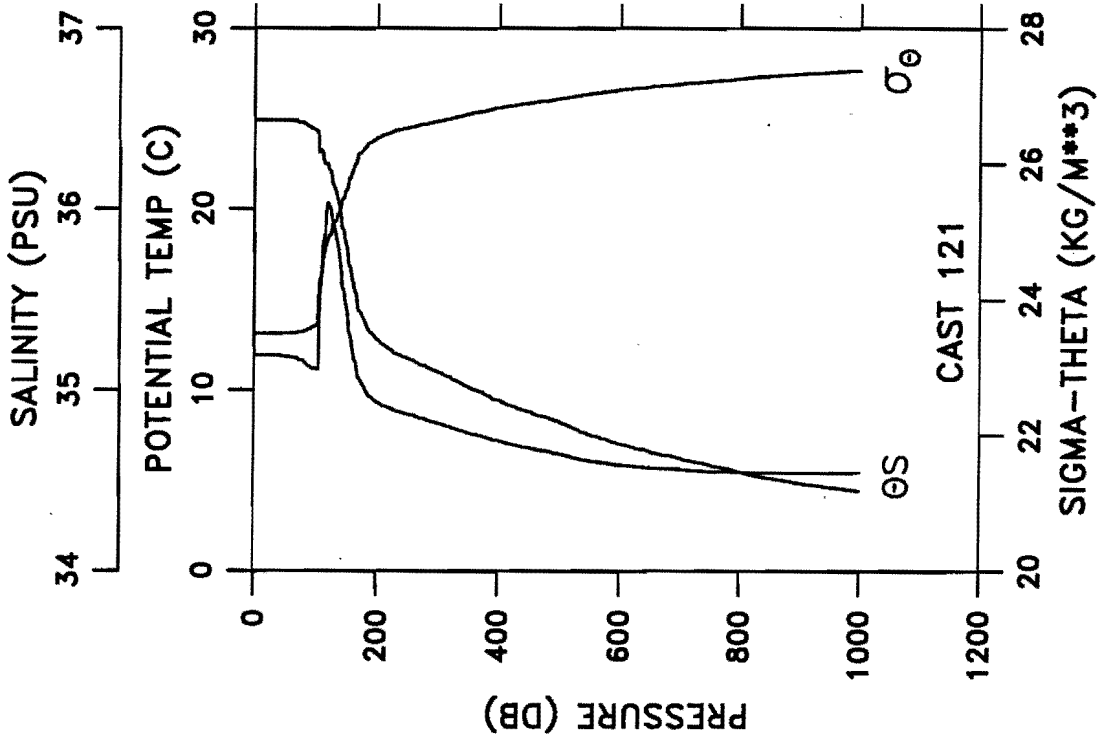


CAST GP5-98-KA-0111 DATE 11 SEP 98 TIME 2110 GMT
 LAT 07 57.25 LONG 125 02.0W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 082 T SPD 20 KT VISIBILITY 7
 CLOUD 6 AMOUNT 8 DRY 26.2 WET 24.0 DEPTH 4500 M



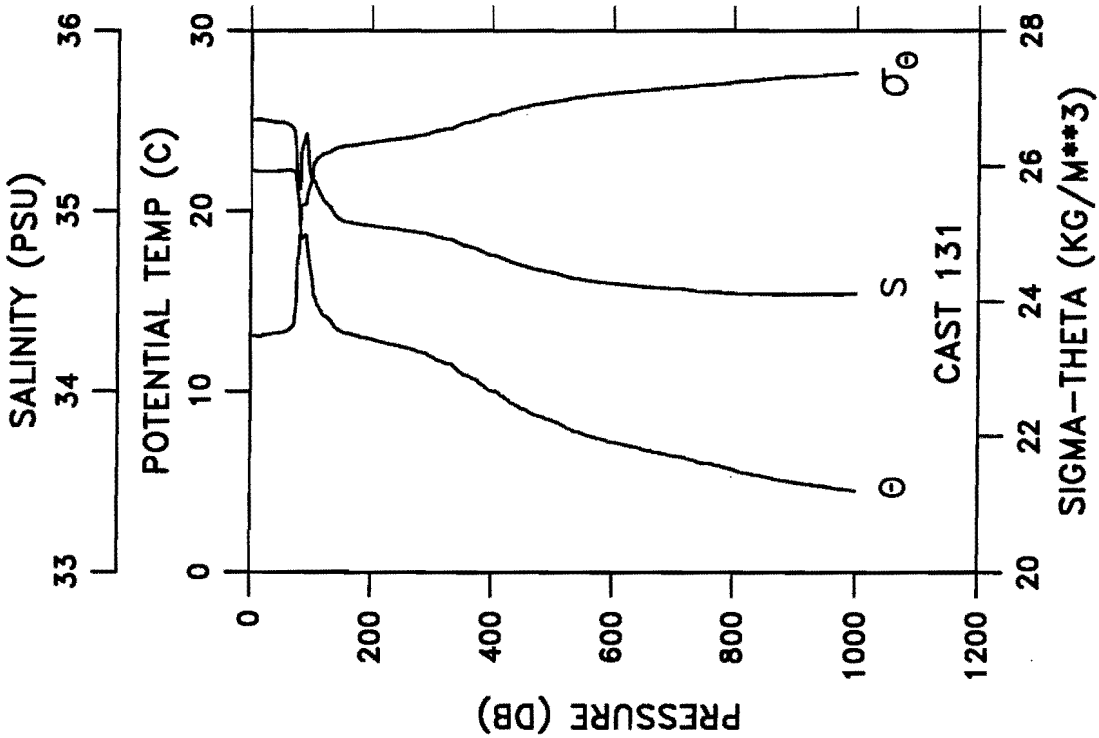
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.332	35.430	23.255	0.000
10	26.325	35.427	23.255	0.048
20	26.277	35.426	23.270	0.092
30	26.251	35.426	23.278	0.138
40	26.246	35.426	23.279	0.184
50	26.243	35.426	23.281	0.230
60	26.240	35.426	23.282	0.277
70	26.236	35.426	23.283	0.323
80	26.235	35.427	23.284	0.369
90	24.402	36.048	24.317	0.413
100	23.205	36.179	24.771	0.447
110	22.593	36.146	24.922	0.478
120	21.541	35.932	25.056	0.509
130	20.546	35.808	25.233	0.537
140	19.640	35.679	25.376	0.564
150	19.062	35.583	25.452	0.591
160	17.950	35.428	25.614	0.616
170	16.809	35.288	25.782	0.639
180	15.432	35.161	26.001	0.661
190	14.345	35.057	26.159	0.681
200	13.734	35.001	26.245	0.699
250	11.982	34.883	26.508	0.784
300	10.858	34.813	26.656	0.860
350	10.270	34.773	26.728	0.931
400	9.620	34.728	26.804	0.999
450	9.062	34.695	26.870	1.063
500	8.373	34.652	26.944	1.125
550	7.796	34.620	27.006	1.183
600	7.318	34.594	27.055	1.239
650	6.817	34.573	27.108	1.293
700	6.336	34.559	27.161	1.344
750	5.885	34.546	27.209	1.393
800	5.511	34.538	27.249	1.440
800	4.945	34.535	27.313	1.528
1000	4.507	34.539	27.365	1.612
1008	4.475	34.538	27.368	1.618

CAST GP5-86-KA-0121 DATE 12 SEP 86 TIME 1047 GMT
 LAT 06 00.0S LONG 124 59.8W WEATHER 0 SEA STATE 4
 BAROMETER 08 WIND DIR 094 T SPD 17 KT VISIBILITY 7
 CLOUD 1 AMOUNT X DRY 25.1 WET 23.0 DEPTH 4410 M



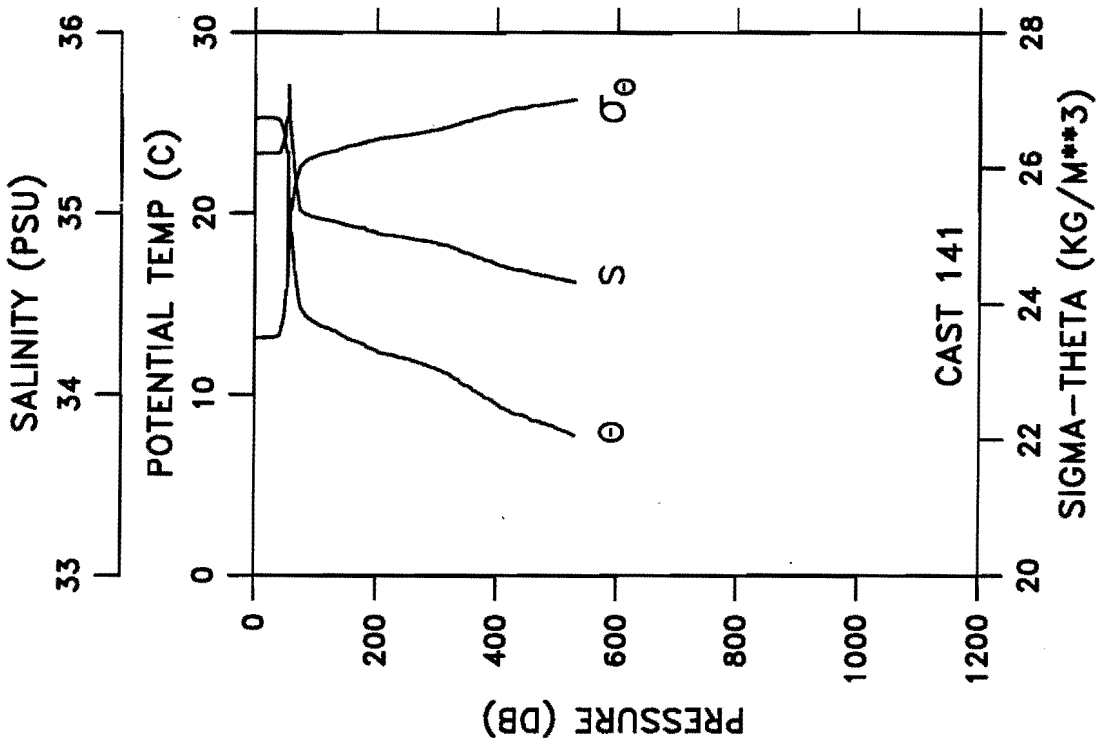
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.952	35.196	23.505	0.000
10	24.957	35.193	23.502	0.044
20	24.956	35.193	23.502	0.088
30	24.954	35.193	23.503	0.131
40	24.952	35.192	23.503	0.175
50	24.915	35.184	23.508	0.219
60	24.908	35.183	23.509	0.263
70	24.859	35.174	23.518	0.307
80	24.752	35.156	23.536	0.351
90	24.571	35.130	23.571	0.395
100	24.377	35.118	23.620	0.438
110	23.183	35.738	24.442	0.477
120	22.336	36.025	24.903	0.509
130	21.118	35.888	25.139	0.539
140	19.693	35.677	25.360	0.567
150	17.980	35.448	25.621	0.592
160	16.045	35.214	25.903	0.615
170	14.383	35.062	26.155	0.635
180	13.823	35.007	26.231	0.654
190	13.196	34.961	26.324	0.672
200	12.796	34.933	26.362	0.689
250	11.773	34.868	26.530	0.770
300	11.023	34.816	26.629	0.845
350	10.187	34.784	26.736	0.917
400	9.453	34.720	26.825	0.984
450	8.811	34.681	26.899	1.047
500	8.245	34.646	26.959	1.107
550	7.543	34.609	27.034	1.165
600	6.997	34.585	27.093	1.219
650	6.587	34.571	27.137	1.271
700	6.224	34.561	27.177	1.321
750	5.860	34.549	27.214	1.370
800	5.473	34.545	27.259	1.416
900	4.862	34.541	27.327	1.504
1000	4.442	34.545	27.378	1.586
1004	4.431	34.545	27.378	1.589

CAST GP5-96-KA-0131 DATE 13 SEP 96 TIME 0156 GMT
 LAT 04 00.6S LONG 125 00.2W WEATHER 0 SEA STATE 4
 BAROMETER 09 WIND DIR 104 T SPD 16 KT VISIBILITY 7
 CLOUD 1 AMOUNT 8 DRY 25.2 WET 22.7 DEPTH 4500 M



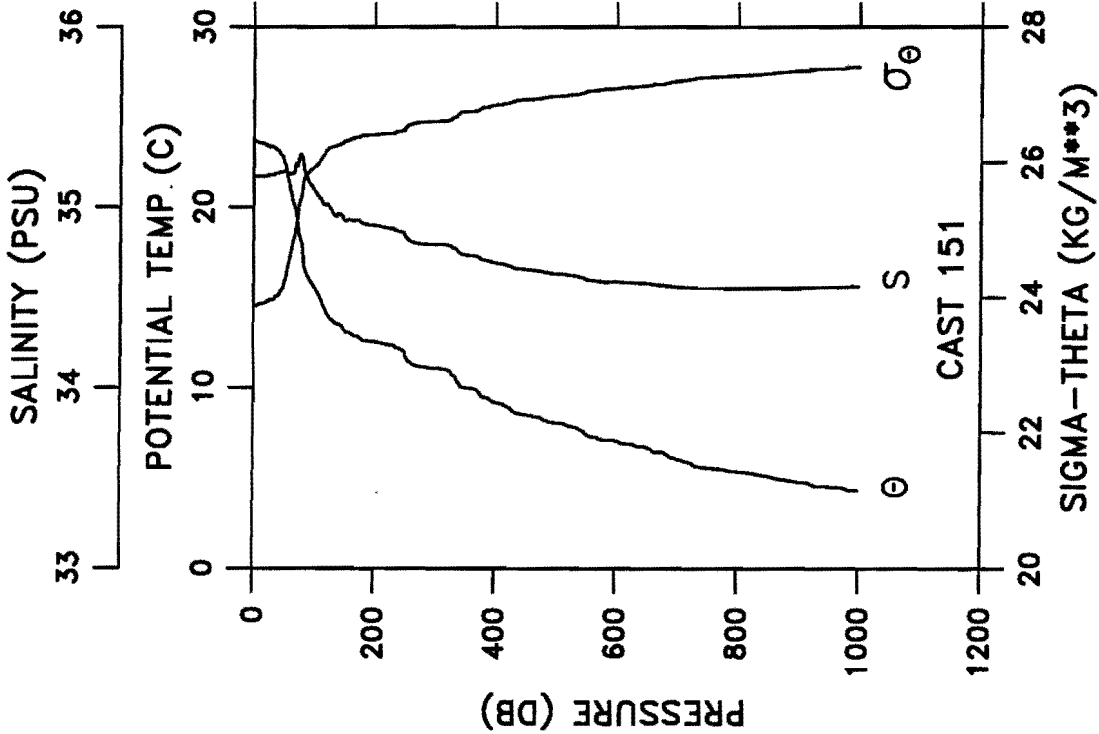
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.078	35.227	23.491	0.000
10	25.089	35.222	23.484	0.044
20	25.061	35.222	23.492	0.088
30	24.997	35.221	23.511	0.132
40	24.951	35.222	23.526	0.175
50	24.927	35.225	23.535	0.219
60	24.851	35.228	23.580	0.263
70	24.571	35.225	23.643	0.308
80	20.285	35.125	24.783	0.344
90	18.638	35.414	25.431	0.371
100	16.471	35.207	25.789	0.395
110	14.787	35.127	26.118	0.415
120	14.216	35.059	26.188	0.434
130	13.967	35.023	26.213	0.452
140	13.517	34.972	26.267	0.470
150	13.328	34.949	26.288	0.488
160	13.207	34.939	26.304	0.506
170	13.137	34.933	26.314	0.523
180	13.040	34.927	26.329	0.541
190	12.966	34.923	26.341	0.558
200	12.901	34.919	26.351	0.575
250	12.467	34.894	26.417	0.660
300	11.916	34.866	26.502	0.742
350	11.000	34.813	26.630	0.820
400	10.016	34.754	26.757	0.891
450	9.049	34.697	26.874	0.957
500	8.382	34.658	26.947	1.019
550	7.684	34.620	27.025	1.078
600	7.167	34.598	27.079	1.131
650	6.773	34.582	27.121	1.184
700	6.425	34.570	27.158	1.235
750	6.029	34.555	27.197	1.285
800	5.677	34.544	27.233	1.333
900	4.861	34.539	27.314	1.422
1000	4.496	34.542	27.369	1.506
1004	4.478	34.542	27.371	1.509

CAST GP5-96-KA-0141 DATE 14 SEP 96 TIME 0302 GMT
 LAT 02 02.6S LONG 124 57.0W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 096 T SPD 16 KT VISIBILITY 7
 CLOUD 3 AMOUNT 8 DRY 25.0 WET 22.2 DEPTH 4695 M



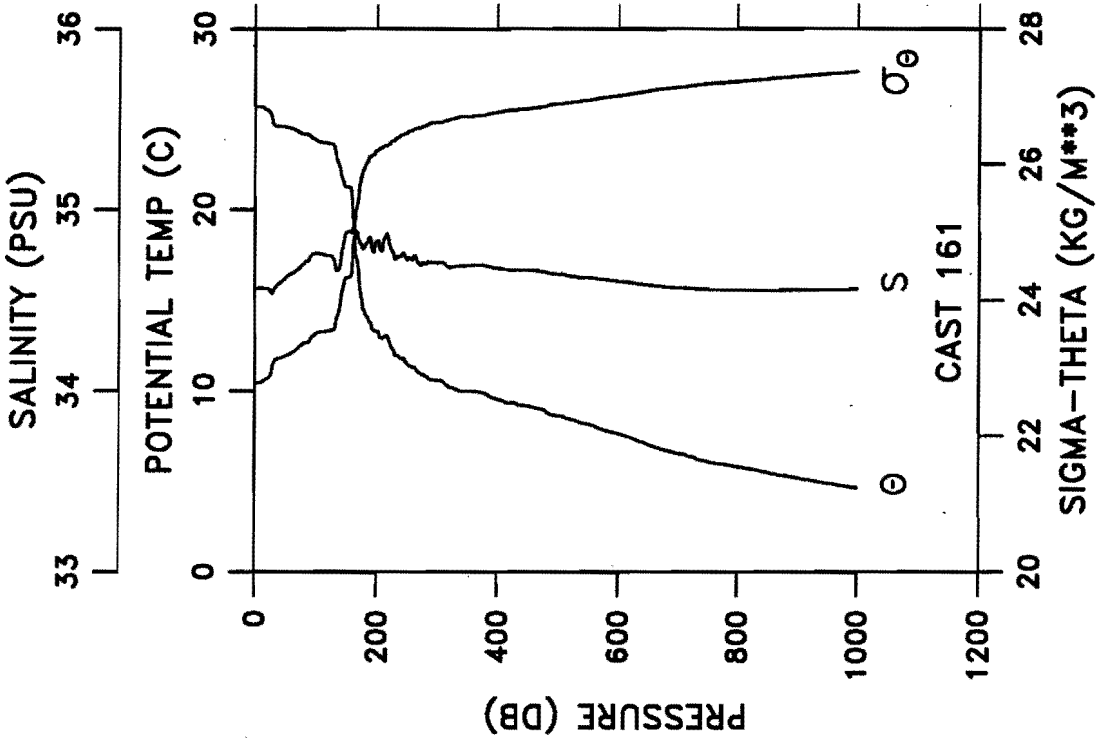
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DTN-M)
0	25.299	35.335	23.505	0.000
10	25.302	35.332	23.502	0.044
20	25.301	35.333	23.503	0.088
30	25.294	35.333	23.505	0.131
40	25.182	35.336	23.539	0.175
50	23.819	35.478	24.058	0.217
60	18.633	35.403	25.424	0.248
70	15.701	35.098	25.892	0.272
80	14.506	35.000	26.080	0.292
90	14.143	34.985	26.146	0.311
100	13.928	34.975	26.183	0.330
110	13.750	34.966	26.214	0.348
120	13.636	34.961	26.233	0.367
130	13.506	34.953	26.255	0.385
140	13.311	34.945	26.288	0.402
150	13.119	34.934	26.319	0.420
160	12.977	34.927	26.341	0.437
170	12.868	34.920	26.358	0.454
180	12.760	34.918	26.378	0.471
190	12.548	34.900	26.406	0.488
200	12.412	34.892	26.426	0.505
250	11.974	34.864	26.489	0.586
300	11.431	34.835	26.569	0.664
350	10.477	34.780	26.698	0.738
400	9.459	34.719	26.824	0.806
450	8.783	34.680	26.902	0.869
500	8.143	34.641	26.970	0.929
530	7.732	34.619	27.015	0.964

CAST GP5-96-KA-0151 DATE 14 SEP 86 TIME 1831 GMT
 LAT 00 14.75 LONG 124 20.7W WEATHER 2 SEA STATE 3
 BAROMETER 14 WIND DIR 122 T SPD 09 KT VISIBILITY 7
 CLOUD 6 AMOUNT 3 DRY 23.8 WET 22.2 DEPTH 4650 M



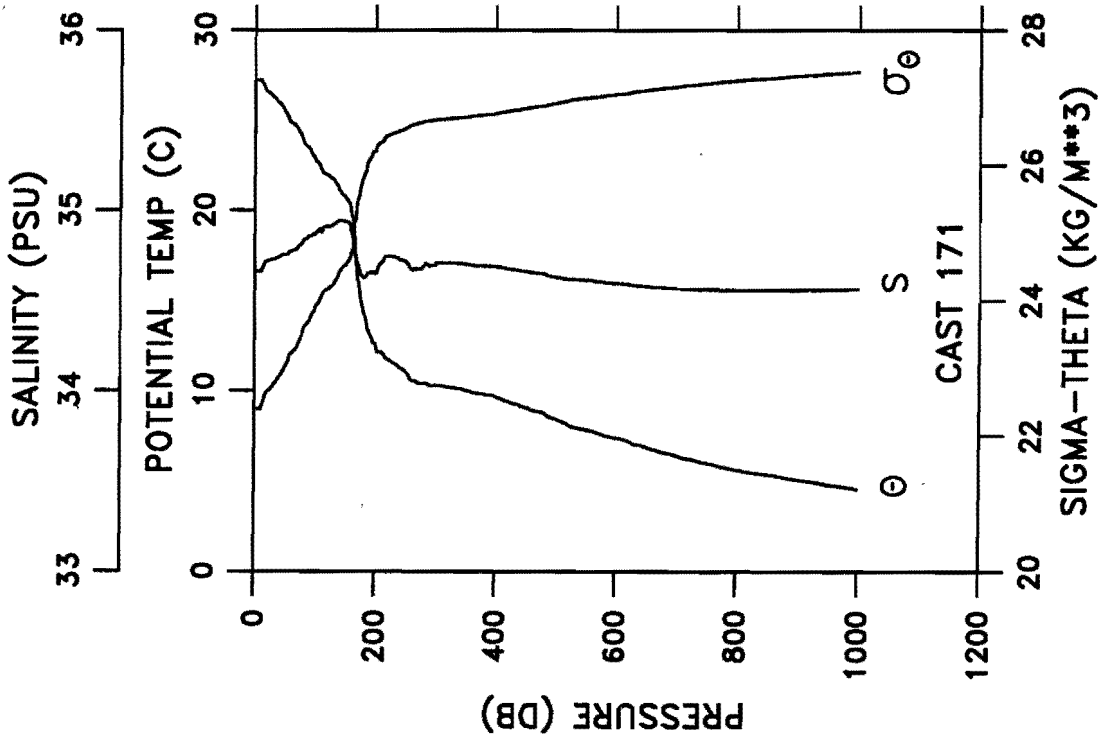
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.656	35.173	23.876	0.000
10	23.566	35.171	23.900	0.040
20	23.470	35.174	23.931	0.080
30	23.373	35.180	23.963	0.120
40	23.177	35.190	24.028	0.159
50	22.582	35.200	24.206	0.197
60	21.153	35.187	24.596	0.233
70	19.693	35.246	25.031	0.264
80	17.875	35.284	25.521	0.291
90	16.087	35.151	25.844	0.314
100	15.539	35.098	25.929	0.335
110	14.913	35.049	26.030	0.356
120	14.117	35.018	26.177	0.375
130	13.733	34.979	26.227	0.393
140	13.518	34.962	26.259	0.411
150	13.154	34.927	26.306	0.429
160	12.991	34.928	26.340	0.446
170	12.843	34.925	26.367	0.464
180	12.619	34.911	26.400	0.480
190	12.560	34.902	26.405	0.497
200	12.536	34.899	26.407	0.514
250	11.959	34.846	26.478	0.596
300	11.073	34.793	26.602	0.672
350	9.998	34.736	26.747	0.745
400	9.195	34.692	26.846	0.811
450	8.503	34.654	26.926	0.873
500	8.067	34.632	26.975	0.933
550	7.437	34.601	27.043	0.990
600	7.082	34.589	27.086	1.044
650	6.697	34.578	27.128	1.097
700	6.050	34.559	27.198	1.146
750	5.565	34.553	27.254	1.193
800	5.370	34.550	27.275	1.238
800	4.802	34.552	27.343	1.324
1000	4.326	34.560	27.402	1.404
1001	4.322	34.560	27.403	1.405

CAST GP5-96-KA-0161 DATE 16 SEP 96 TIME 0721 GMT
 LAT 05 06.9N LONG 124 49.8W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 142 T SPD 05 KT VISIBILITY 7
 CLOUD 2 AMOUNT X DRY 24.9 WET 23.0 DEPTH 4387 M



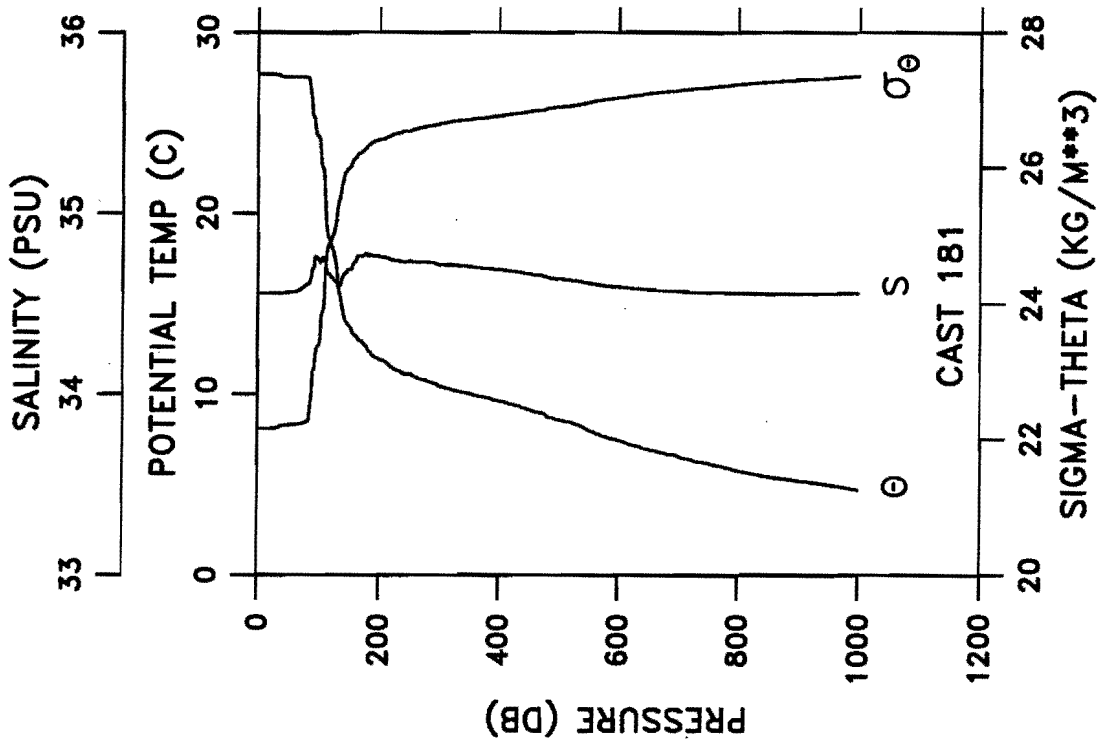
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.739	34.567	22.789	0.000
10	25.714	34.565	22.796	0.051
20	25.535	34.563	22.850	0.101
30	24.755	34.553	23.079	0.150
40	24.635	34.593	23.145	0.198
50	24.591	34.624	23.182	0.245
60	24.510	34.648	23.225	0.292
70	24.340	34.672	23.284	0.338
80	24.187	34.705	23.364	0.384
90	24.061	34.743	23.430	0.429
100	23.855	34.761	23.505	0.474
110	23.738	34.754	23.534	0.518
120	23.678	34.748	23.547	0.562
130	23.415	34.705	23.591	0.605
140	22.003	34.729	24.013	0.647
150	21.247	34.877	24.334	0.684
160	19.484	34.901	24.822	0.720
170	16.114	34.819	25.583	0.748
180	14.249	34.802	25.982	0.770
190	13.689	34.831	26.122	0.790
200	13.260	34.824	26.205	0.809
250	11.514	34.727	26.468	0.896
300	10.574	34.707	26.624	0.972
350	9.986	34.691	26.714	1.044
400	9.547	34.677	26.777	1.113
450	9.171	34.666	26.829	1.179
500	8.637	34.645	26.898	1.243
550	8.159	34.624	26.955	1.304
600	7.630	34.605	27.019	1.362
650	7.014	34.584	27.089	1.418
700	6.525	34.570	27.144	1.470
750	6.080	34.561	27.195	1.520
800	5.792	34.557	27.229	1.567
900	5.185	34.556	27.302	1.658
1000	4.626	34.562	27.371	1.742
1500	3.030	34.604	27.567	2.086
2000	2.127	34.641	27.674	2.382
2500	1.674	34.665	27.728	2.625
3000	1.470	34.674	27.751	2.859
3004	1.466	34.674	27.751	2.861

CAST GP5-96-KA-0171 DATE 17 SEP 96 TIME 0001 GMT
 LAT 06 00.1N LONG 124 59.1W WEATHER 1 SEA STATE 3
 BAROMETER 08 WIND DIR 163 T SPD 10 KT VISIBILITY 7
 CLOUD 3 AMOUNT 8 DRY 26.0 WET 23.9 DEPTH 4380 M



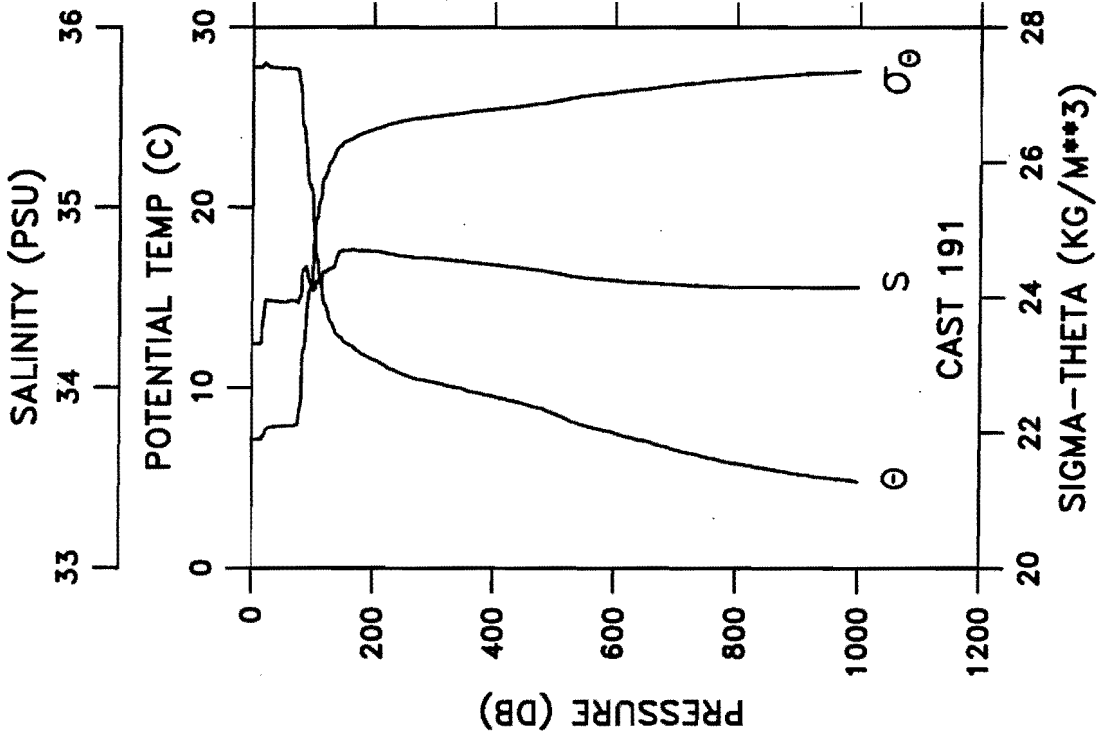
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.208	34.663	22.399	0.000
10	27.206	34.660	22.398	0.054
20	26.561	34.718	22.646	0.107
30	26.300	34.727	22.736	0.159
40	25.912	34.741	22.868	0.210
50	25.440	34.755	23.024	0.259
60	24.852	34.773	23.217	0.307
70	24.542	34.791	23.323	0.353
80	23.771	34.833	23.584	0.398
90	23.438	34.860	23.702	0.440
100	22.815	34.866	23.887	0.482
110	22.262	34.877	24.053	0.521
120	21.969	34.913	24.162	0.560
130	21.734	34.920	24.232	0.597
140	21.109	34.943	24.422	0.634
150	20.725	34.937	24.522	0.669
160	19.882	34.880	24.702	0.703
170	16.278	34.701	25.455	0.733
180	14.383	34.629	25.820	0.757
190	13.212	34.652	26.081	0.778
200	12.571	34.648	26.206	0.797
250	11.068	34.716	26.543	0.879
300	10.291	34.700	26.668	0.953
350	10.029	34.701	26.714	1.024
400	9.671	34.688	26.764	1.093
450	9.084	34.662	26.840	1.159
500	8.467	34.630	26.912	1.222
550	7.844	34.610	26.991	1.281
600	7.385	34.594	27.045	1.338
650	6.885	34.578	27.103	1.392
700	6.424	34.567	27.158	1.444
750	6.007	34.560	27.204	1.493
800	5.624	34.556	27.249	1.540
900	5.072	34.556	27.315	1.629
1000	4.592	34.562	27.379	1.712
1002	4.548	34.562	27.379	1.714

CAST GP5-96-KA-0181 DATE 17 SEP 96 TIME 0642 GMT
 LAT 06 59.9N LONG 124 59.6W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 169 T SPD 16 KT VISIBILITY 7
 CLOUD 9 AMOUNT 8 DRY 27.0 WET 23.8 DEPTH 4560 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.704	34.557	22.160	0.000
10	27.701	34.556	22.160	0.057
20	27.695	34.557	22.163	0.113
30	27.680	34.556	22.167	0.170
40	27.574	34.558	22.203	0.226
50	27.554	34.561	22.211	0.283
60	27.547	34.563	22.216	0.339
70	27.540	34.577	22.228	0.395
80	27.504	34.604	22.260	0.452
90	25.350	34.693	23.004	0.505
100	24.192	34.743	23.392	0.552
110	20.690	34.736	24.378	0.593
120	18.225	34.644	24.945	0.625
130	16.219	34.595	25.387	0.654
140	14.362	34.661	25.849	0.678
150	13.758	34.687	25.996	0.699
160	13.209	34.731	26.143	0.719
170	12.820	34.760	26.224	0.737
180	12.470	34.772	26.322	0.755
190	12.093	34.763	26.387	0.772
200	11.931	34.781	26.417	0.789
250	11.113	34.733	26.547	0.868
300	10.454	34.714	26.650	0.943
350	10.055	34.706	26.713	1.014
400	9.628	34.687	26.771	1.083
450	9.146	34.665	26.833	1.149
500	8.574	34.635	26.900	1.213
550	8.009	34.613	26.969	1.274
600	7.441	34.593	27.036	1.331
650	6.814	34.578	27.099	1.386
700	6.538	34.567	27.141	1.438
750	6.164	34.561	27.185	1.488
800	5.725	34.556	27.237	1.536
900	5.193	34.554	27.300	1.626
1000	4.697	34.558	27.359	1.712
1002	4.691	34.557	27.359	1.713

CAST GP5-96-KA-0191 DATE 18 SEP 96 TIME 0205 GMT
 LAT 08 01.2N LONG 124 58.8W WEATHER 2 SEA STATE 3
 BAROMETER 10 WIND DIR 230 T SPD 06 KT VISIBILITY 7
 CLOUD 7 AMOUNT 8 DRY 25.8 WET 24.0 DEPTH 4702 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.775	34.244	21.901	0.000
10	27.771	34.244	21.903	0.059
20	27.984	34.436	21.978	0.118
30	27.766	34.481	22.082	0.176
40	27.725	34.477	22.093	0.233
50	27.702	34.473	22.098	0.291
60	27.697	34.478	22.103	0.348
70	27.675	34.479	22.110	0.405
80	26.543	34.508	22.194	0.462
90	22.562	34.648	23.793	0.508
100	19.978	34.535	24.414	0.546
110	16.136	34.587	25.400	0.576
120	14.579	34.638	25.785	0.600
130	13.572	34.661	26.015	0.621
140	12.908	34.730	26.203	0.640
150	12.547	34.759	26.297	0.658
160	12.366	34.761	26.334	0.675
170	12.113	34.759	26.381	0.692
180	11.873	34.760	26.427	0.709
190	11.693	34.757	26.459	0.725
200	11.563	34.758	26.484	0.741
250	10.738	34.729	26.612	0.818
300	10.321	34.716	26.675	0.890
350	9.925	34.700	26.731	0.960
400	9.510	34.681	26.785	1.028
450	9.119	34.661	26.834	1.094
500	8.580	34.635	26.899	1.158
550	7.907	34.607	26.979	1.218
600	7.490	34.594	27.030	1.275
650	7.062	34.581	27.081	1.330
700	6.565	34.570	27.140	1.383
750	6.156	34.562	27.187	1.433
800	5.817	34.557	27.226	1.481
800	5.234	34.555	27.295	1.573
1000	4.782	34.554	27.347	1.659
1002	4.773	34.554	27.348	1.660

CAST GP5-96-KA-0011 LAT 04 57.4N LONG 139 51.1W CAST GP5-96-KA-0021 LAT 04 01.2N LONG 140 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
4.	27.309	34.839	27.308	22.500	12.	25.451	34.972	25.448	23.184
4.	27.311	34.839	27.310	22.499	200.	13.080	34.892	13.052	26.298
150.	22.419	34.908	22.389	24.034	598.	7.466	34.596	7.407	27.044
299.	10.217	34.702	10.181	26.688	799.	5.991	34.552	5.920	27.209
498.	8.727	34.641	8.673	26.891	999.	4.876	34.553	4.794	27.345
1000.	4.708	34.557	4.627	27.367	1000.	4.873	34.554	4.791	27.346
1499.	3.161	34.602	3.052	27.563					
1998.	2.288	34.640	2.147	27.671					
2498.	1.889	34.665	1.711	27.725					
3005.	1.722	34.675	1.500	27.749					
3004.	1.722	34.674	1.500	27.749					

CAST GP5-96-KA-0012 LAT 04 52.7N LONG 139 52.7W CAST GP5-96-KA-0031 LAT 01 59.0N LONG 140 02.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	27.143	34.860	27.140	22.569	11.	26.372	34.903	26.369	22.846
198.	12.527	34.704	12.501	26.262	200.	12.938	34.883	12.910	26.323
301.	10.332	34.710	10.296	26.677	599.	7.451	34.588	7.392	27.039
502.	8.628	34.639	8.574	26.906	799.	5.807	34.549	5.737	27.230
500.	8.644	34.639	8.590	26.904	1002.	4.658	34.555	4.577	27.370
					1003.	4.655	34.555	4.574	27.371

CAST GP5-96-KA-0041 LAT 00 00.2S LONG 140 02.9W
 CAST GP5-96-KA-0061 LAT 02 02.9S LONG 139 57.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
199.	13.892	34.965	13.864	26.188	9.	24.992	35.086	24.990	23.410
597.	7.331	34.592	7.273	27.060	199.	13.099	34.933	13.072	26.328
797.	5.635	34.550	5.566	27.251	599.	7.143	34.591	7.085	27.086
1004.	4.924	34.550	4.840	27.337	798.	5.568	34.546	5.499	27.256
1004.	4.923	34.551	4.840	27.337	1002.	4.645	34.550	4.564	27.367
					1002.	4.644	34.550	4.563	27.367

CAST GP5-96-KA-0051 LAT 00 59.9S LONG 139 59.7W
 CAST GP5-96-KA-0071 LAT 02 59.8S LONG 139 55.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
13.	24.791	35.014	24.788	23.418	13.	25.860	35.215	25.857	23.243
200.	13.209	34.958	13.181	26.324	150.	13.644	34.962	13.623	26.242
599.	7.277	34.590	7.218	27.064	300.	11.955	34.862	11.916	26.499
799.	5.604	34.547	5.535	27.253	500.	8.224	34.640	8.172	26.967
1002.	4.622	34.553	4.542	27.372	994.	4.581	34.552	4.501	27.377
1001.	4.622	34.554	4.542	27.372	1500.	3.045	34.598	2.936	27.569
					1999.	2.261	34.638	2.120	27.673
					2499.	1.874	34.662	1.696	27.725
					3001.	1.633	34.674	1.413	27.755
					3499.	1.501	34.686	1.235	27.776
					4003.	1.422	34.692	1.105	27.791
					4004.	1.422	34.692	1.105	27.791

CAST GP5-96-KA-0081 LAT 03 59.8S LONG 139 55.8W CAST GP5-96-KA-0101 LAT 07 00.0S LONG 126 23.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	26.378	35.368	26.376	23.196	11.	26.285	35.354	26.283	23.213
198.	13.315	34.961	13.287	26.306	201.	12.931	34.936	12.903	26.362
600.	7.150	34.589	7.092	27.083	599.	7.162	34.589	7.104	27.079
800.	5.787	34.544	5.716	27.228	784.	5.539	34.539	5.472	27.252
1003.	4.707	34.539	4.626	27.353	1002.	4.525	34.546	4.445	27.378
1002.	4.711	34.541	4.629	27.352	1001.	4.526	34.546	4.446	27.377

CAST GP5-96-KA-0091 LAT 04 59.3S LONG 139 55.3W CAST GP5-96-KA-0111 LAT 07 57.2S LONG 125 02.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	26.590	35.339	26.588	23.109	12.	26.303	35.423	26.300	23.260
197.	13.960	35.035	13.931	26.230	199.	13.396	34.965	13.368	26.287
599.	7.279	34.594	7.220	27.070	598.	7.378	34.593	7.319	27.053
798.	5.875	34.548	5.804	27.222	796.	5.602	34.539	5.534	27.245
1007.	4.640	34.542	4.559	27.364	1007.	4.560	34.540	4.479	27.368
1007.	4.640	34.543	4.559	27.364	1007.	4.560	34.539	4.479	27.368

CAST GP5-96-KA-0121 LAT 06 00.0S LONG 124 59.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	24.972	35.197	24.970	23.500	11.	25.295	35.332	25.293	23.504
198.	12.929	34.932	12.903	26.359	200.	12.329	34.877	12.302	26.438
598.	7.054	34.583	6.997	27.091	300.	11.398	34.826	11.360	26.574
798.	5.516	34.544	5.447	27.261	399.	9.454	34.708	9.409	26.825
1001.	4.515	34.546	4.435	27.378	529.	7.797	34.619	7.744	27.013
1002.	4.514	34.546	4.435	27.378	529.	7.797	34.617	7.744	27.013

CAST GP5-96-KA-0141 LAT 02 02.6S LONG 124 57.0W

CAST GP5-96-KA-0171 LAT 06 00.1N LONG 124 59.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	25.054	35.218	25.051	23.493	10.	27.297	34.655	27.295	22.363
199.	12.941	34.915	12.914	26.346	600.	7.459	34.593	7.399	27.042
601.	7.189	34.592	7.131	27.081	799.	5.716	34.555	5.646	27.246
799.	5.713	34.543	5.643	27.237	1000.	4.633	34.562	4.552	27.378
1001.	4.563	34.542	4.483	27.370	1000.	4.632	34.562	4.552	27.378
1001.	4.563	34.542	4.483	27.370					

CAST GP5-96-KA-0131 LAT 04 00.6S LONG 125 00.2W

CAST GP5-96-KA-0181 LAT 06 59.9N LONG 124 59.6W

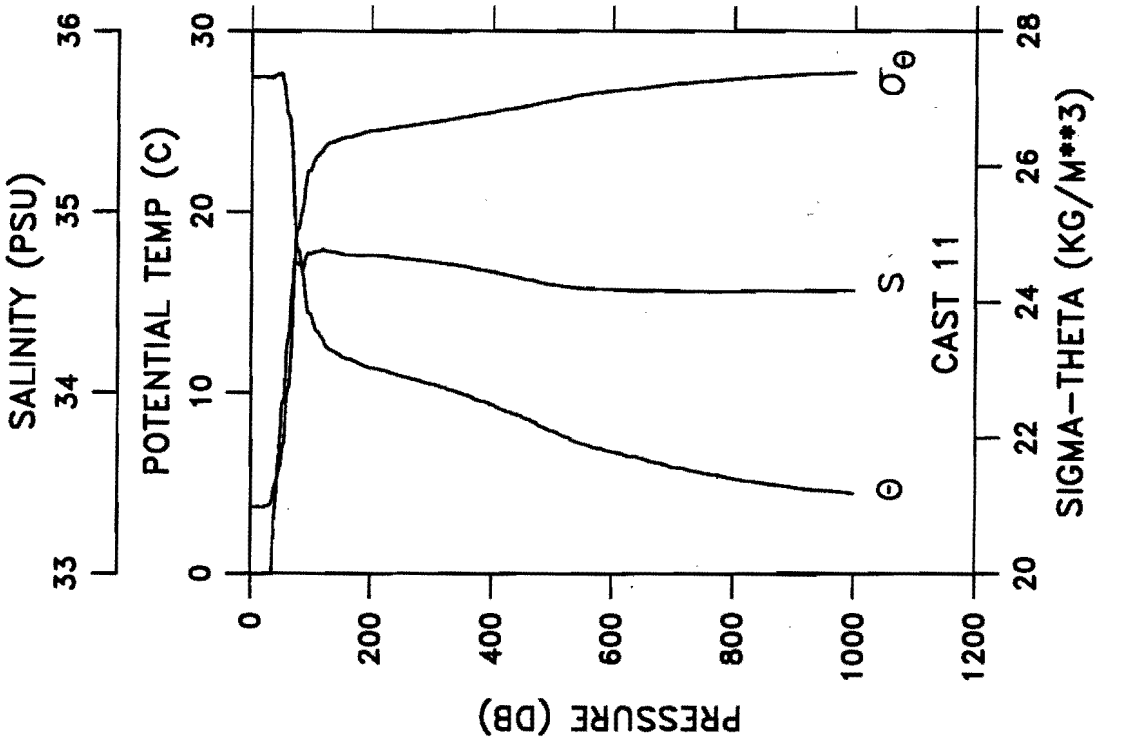
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.707	34.555	27.705	22.158
599.	7.456	34.587	7.397	27.038
799.	5.788	34.555	5.718	27.236
1001.	4.775	34.556	4.693	27.359

CAST GP5-96-KA-0191 LAT 08 01.2N LONG 124 58.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.788	34.264	27.785	21.913
199.	11.675	34.752	11.649	26.465
590.	7.662	34.595	7.603	27.014
798.	5.886	34.556	5.815	27.225
996.	4.914	34.553	4.831	27.340
996.	4.911	34.552	4.828	27.340

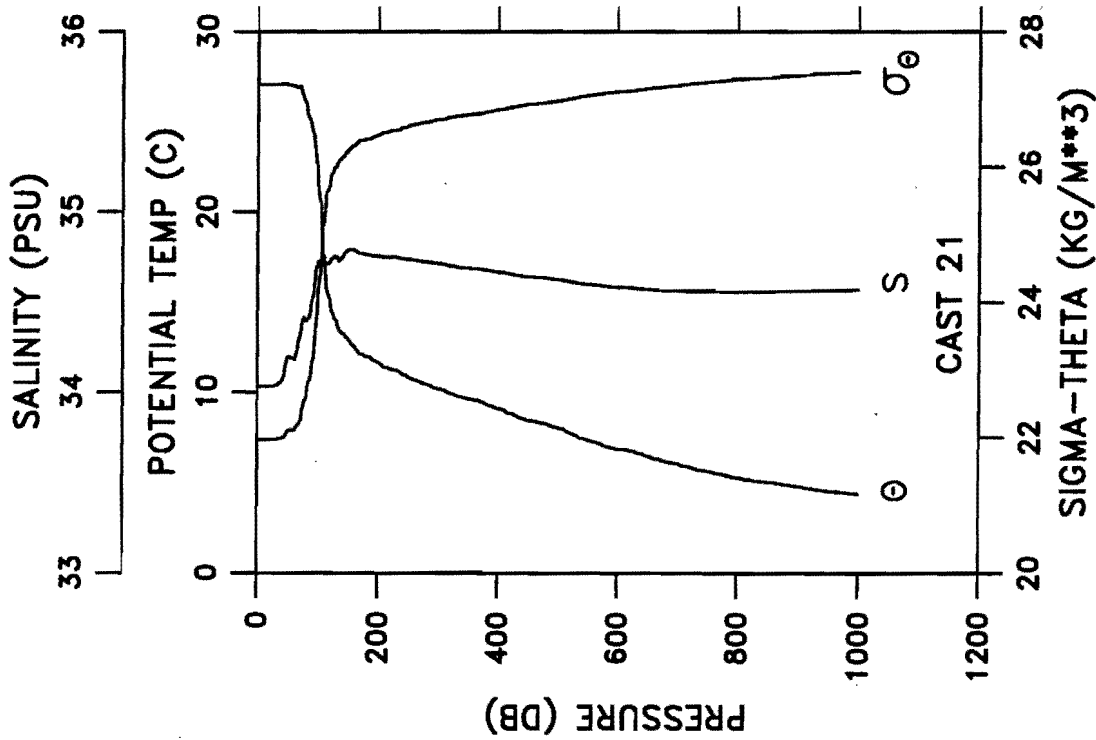
GP6-96-KA
September 27-October 27, 1996
CTD and Hydrographic Data Summary

CAST GP6-96-KA-0011 DATE 06 OCT 96 TIME 0547 GMT
 LAT 08 01.1N LONG 110 03.3W WEATHER 0 SEA STATE 4
 BAROMETER 13 WIND DIR 222 T SPD 12 KT VISIBILITY 4
 CLOUD X AMOUNT 9 DRY 26.5 WET 24.0 DEPTH 4200 M



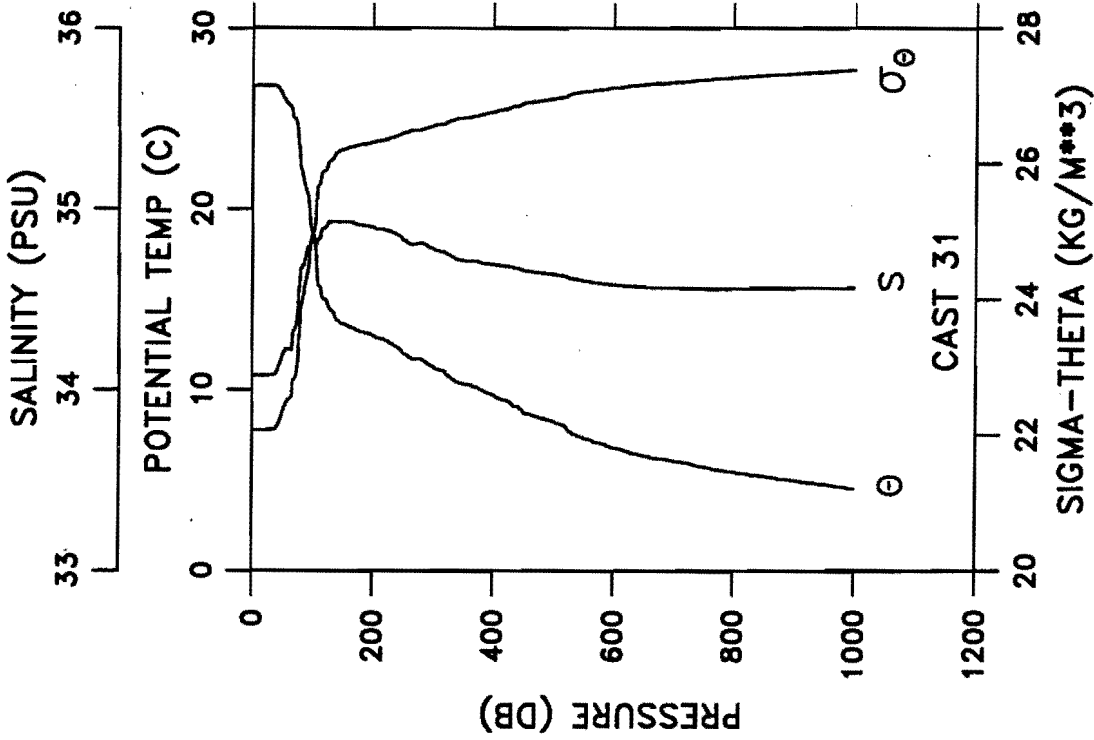
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.462	32.884	20.980	0.000
10	27.458	32.885	20.982	0.068
20	27.468	32.890	20.982	0.136
30	27.448	32.917	21.009	0.204
40	27.559	33.347	21.297	0.270
50	27.687	33.819	21.611	0.334
60	25.499	34.264	22.635	0.392
70	22.151	34.606	23.878	0.440
80	17.796	34.706	25.098	0.472
90	15.408	34.736	25.679	0.498
100	14.214	34.767	25.963	0.520
110	13.344	34.780	26.154	0.539
120	12.911	34.792	26.250	0.558
130	12.376	34.779	26.346	0.575
140	12.230	34.774	26.370	0.592
150	11.994	34.766	26.408	0.609
160	11.872	34.761	26.428	0.625
170	11.765	34.761	26.449	0.642
180	11.623	34.756	26.471	0.658
190	11.453	34.758	26.504	0.673
200	11.350	34.759	26.524	0.689
250	10.918	34.742	26.589	0.766
300	10.476	34.724	26.654	0.839
350	9.938	34.699	26.728	0.910
400	9.358	34.669	26.801	0.978
450	8.657	34.630	26.883	1.042
500	7.893	34.596	26.973	1.102
550	7.168	34.577	27.063	1.158
600	6.712	34.570	27.119	1.211
650	6.344	34.563	27.163	1.262
700	5.849	34.560	27.224	1.310
750	5.528	34.559	27.263	1.356
800	5.238	34.560	27.298	1.400
900	4.766	34.563	27.356	1.484
1000	4.453	34.567	27.394	1.564
1500	2.940	34.609	27.579	1.906
2000	2.174	34.640	27.869	2.189
2500	1.701	34.666	27.728	2.436
3000	1.485	34.677	27.752	2.670
3005	1.485	34.676	27.751	2.672

CAST GP6-96-KA-0021 DATE 07 OCT 96 TIME 1947 GMT
 LAT 05 00.0N LONG 109 55.5W WEATHER 2 SEA STATE 4
 BAROMETER 11 WIND DIR 161 T SPD 18 KT VISIBILITY 6
 CLOUD 8 AMOUNT 7 DRY 25.5 WET 22.8 DEPTH 3960 M



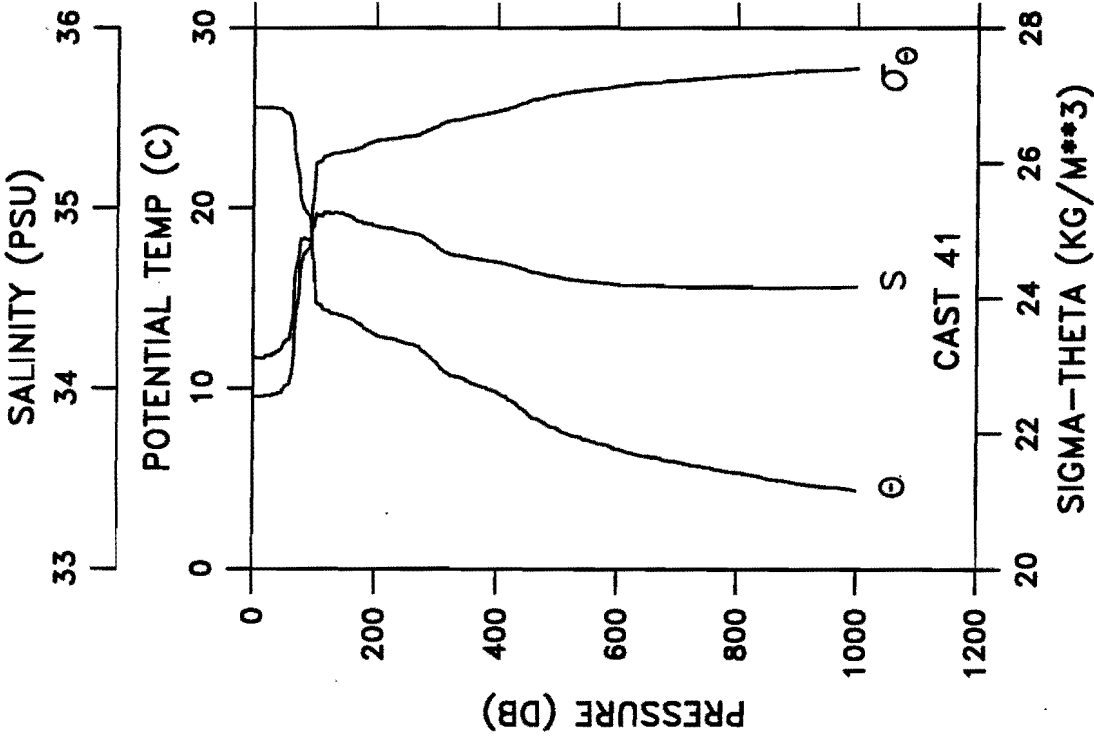
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.065	34.033	21.971	0.000
10	27.064	34.032	21.971	0.058
20	27.064	34.032	21.971	0.117
30	27.056	34.037	21.977	0.175
40	27.071	34.064	21.993	0.234
50	27.033	34.194	22.102	0.292
60	26.976	34.183	22.112	0.349
70	26.901	34.320	22.239	0.406
80	25.930	34.398	22.603	0.460
90	24.508	34.512	23.123	0.510
100	21.400	34.721	24.173	0.554
110	17.264	34.721	25.238	0.587
120	14.724	34.728	25.823	0.611
130	13.946	34.748	26.006	0.632
140	13.248	34.748	26.148	0.651
150	12.874	34.787	26.254	0.670
160	12.518	34.765	26.323	0.687
170	12.113	34.768	26.388	0.704
180	11.981	34.762	26.407	0.721
190	11.817	34.757	26.436	0.737
200	11.633	34.753	26.467	0.754
250	10.825	34.735	26.601	0.831
300	10.187	34.713	26.696	0.903
350	9.632	34.687	26.770	0.972
400	9.099	34.666	26.841	1.038
450	8.453	34.641	26.923	1.100
500	8.047	34.624	26.972	1.160
550	7.362	34.599	27.052	1.216
600	6.847	34.582	27.111	1.270
650	6.472	34.572	27.153	1.321
700	6.069	34.563	27.199	1.370
750	5.638	34.561	27.251	1.417
800	5.278	34.556	27.281	1.461
900	4.794	34.561	27.351	1.546
1000	4.373	34.566	27.402	1.626
1004	4.360	34.566	27.403	1.629

CAST GP6-96-KA-0031 DATE 08 OCT 96 TIME 0358 GMT
 LAT 03 59.6N LONG 110 05.2W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 147 T SPD 09 KT VISIBILITY 5
 CLOUD X AMOUNT 2 DRY 24.6 WET 21.0 DEPTH 3918 M



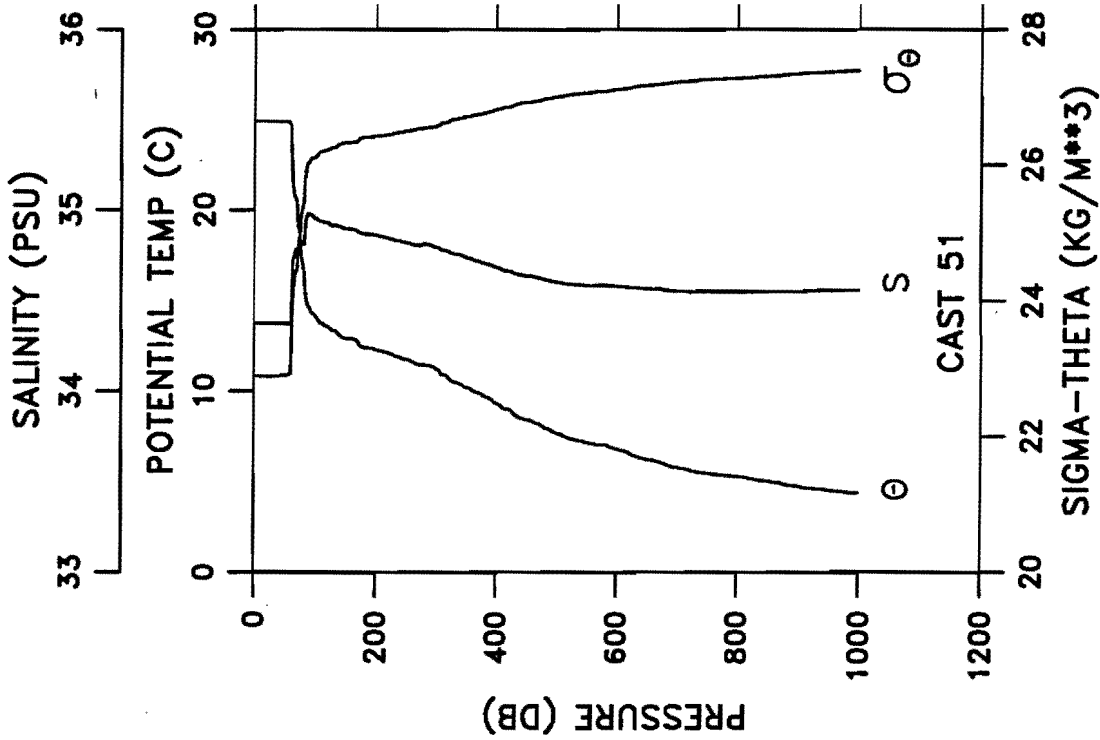
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.836	34.081	22.080	0.000
10	26.839	34.080	22.078	0.057
20	26.837	34.080	22.079	0.115
30	26.831	34.083	22.082	0.172
40	26.773	34.100	22.114	0.230
50	26.249	34.193	22.349	0.286
60	25.753	34.226	22.528	0.340
70	25.005	34.337	22.841	0.392
80	22.269	34.672	23.895	0.439
90	20.907	34.765	24.342	0.477
100	18.658	34.816	24.988	0.510
110	15.701	34.832	25.687	0.537
120	14.872	34.896	25.898	0.559
130	14.361	34.929	26.056	0.580
140	13.850	34.928	26.164	0.599
150	13.640	34.930	26.208	0.618
160	13.473	34.928	26.242	0.636
170	13.342	34.917	26.260	0.654
180	13.193	34.907	26.283	0.672
190	13.127	34.904	26.294	0.690
200	12.994	34.897	26.315	0.707
250	12.000	34.826	26.454	0.793
300	11.272	34.779	26.554	0.872
350	10.336	34.712	26.670	0.947
400	9.721	34.691	26.758	1.017
450	8.764	34.658	26.888	1.083
500	8.249	34.638	26.952	1.144
550	7.351	34.602	27.056	1.201
600	6.783	34.580	27.118	1.254
650	6.362	34.568	27.165	1.304
700	6.064	34.562	27.199	1.353
750	5.736	34.558	27.237	1.401
800	5.488	34.557	27.269	1.446
900	5.001	34.560	27.327	1.533
1000	4.534	34.564	27.383	1.615
1002	4.532	34.564	27.383	1.617

CAST GP6-96-KA-0041 DATE 08 OCT 96 TIME 1018 GMT
 LAT 02 59.9N LONG 110 14.9W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 131 T SPD 11 KT VISIBILITY 6
 CLOUD X AMOUNT 1 DRY 23.4 WET 20.6 DEPTH 3738 M



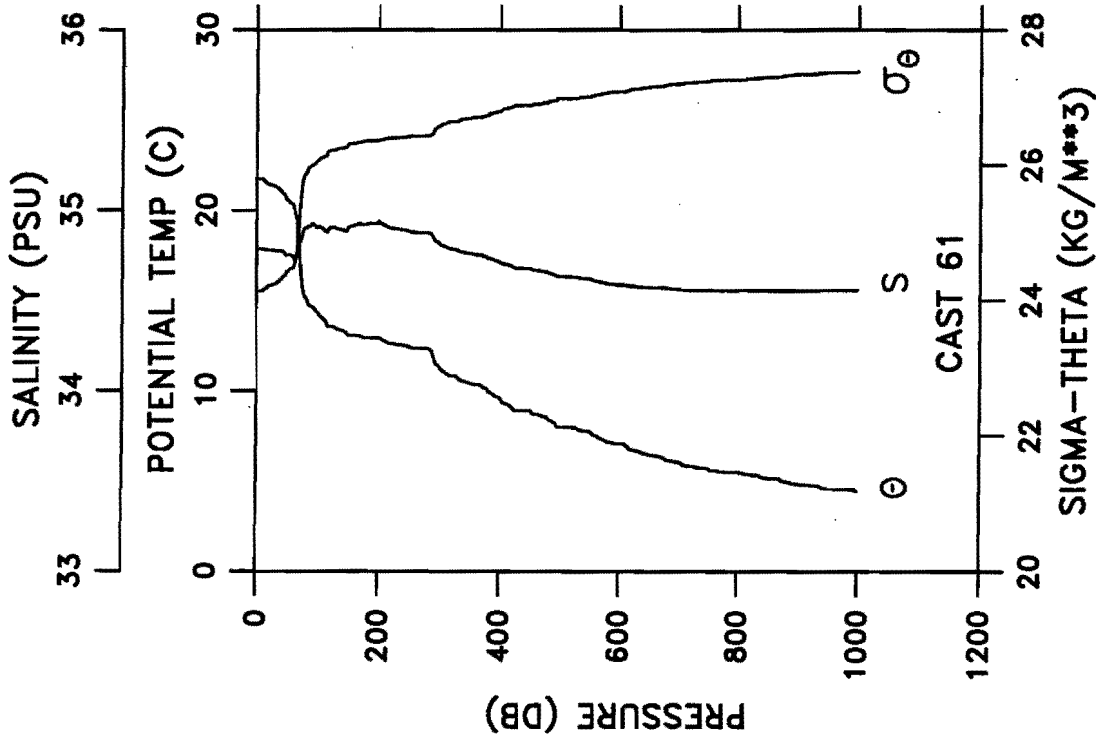
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.553	34.171	22.548	0.000
10	25.554	34.169	22.546	0.053
20	25.545	34.178	22.556	0.106
30	25.543	34.181	22.558	0.159
40	25.497	34.206	22.592	0.211
50	25.344	34.249	22.671	0.264
60	25.132	34.278	22.757	0.315
70	22.938	34.645	23.684	0.363
80	20.307	34.828	24.550	0.401
90	18.657	34.821	24.716	0.434
100	18.419	34.905	25.579	0.464
110	14.632	34.960	26.022	0.485
120	14.334	34.980	26.102	0.504
130	14.138	34.970	26.136	0.523
140	14.085	34.974	26.150	0.543
150	13.974	34.962	26.164	0.561
160	13.857	34.951	26.180	0.580
170	13.630	34.926	26.208	0.589
180	13.386	34.915	26.250	0.617
190	13.171	34.912	26.291	0.635
200	12.972	34.901	26.323	0.653
250	12.514	34.867	26.387	0.739
300	11.442	34.790	26.532	0.821
350	10.432	34.727	26.664	0.896
400	9.776	34.698	26.755	0.967
450	8.656	34.651	26.900	1.032
500	7.792	34.615	27.003	1.091
550	7.147	34.592	27.077	1.145
600	6.834	34.576	27.135	1.198
650	6.237	34.570	27.182	1.247
700	5.948	34.565	27.216	1.295
750	5.631	34.561	27.252	1.341
800	5.354	34.560	27.285	1.386
900	4.755	34.559	27.353	1.471
1000	4.377	34.563	27.399	1.551
1003	4.373	34.562	27.399	1.554

CAST 51-96-KA-0051 DATE 09 OCT 96 TIME 0245 GMT
 LAT 02 02.8N LONG 110 06.7W WEATHER 0 SEA STATE 3
 BAROMETER 12 WIND DIR 117 T SPD 14 KT VISIBILITY 6
 CLOUD X AMOUNT 2 DRY 23.1 WET 20.2 DEPTH 3673 M



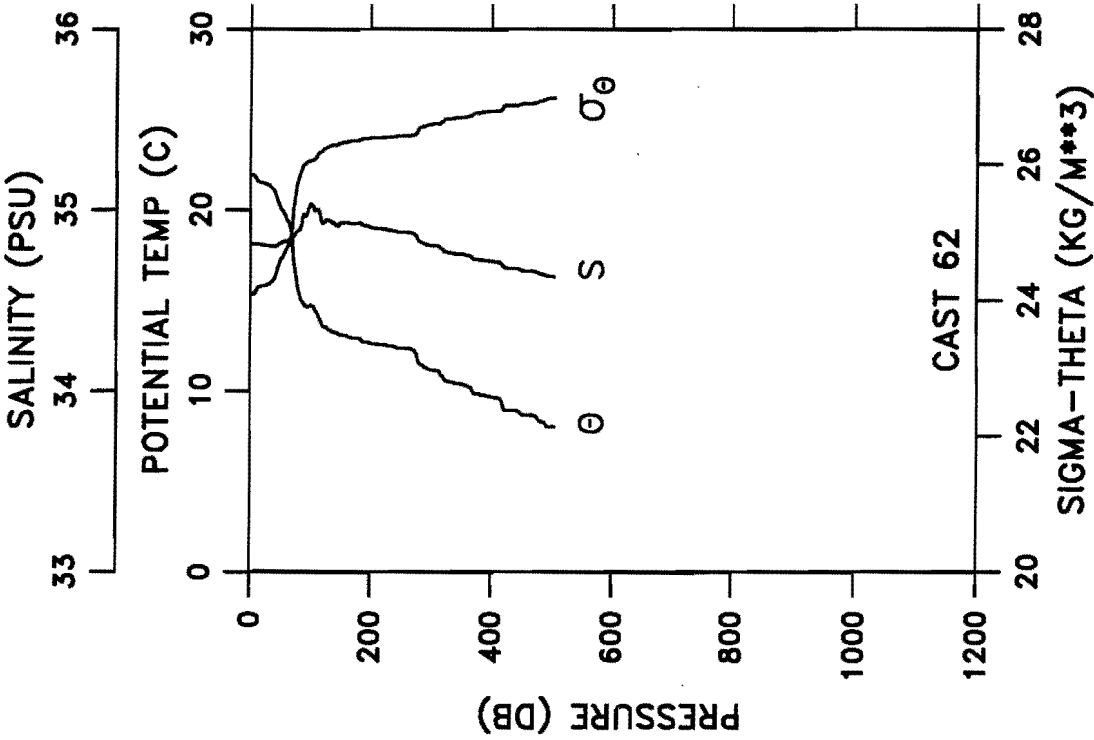
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.938	34.381	22.894	0.000
10	24.946	34.377	22.888	0.050
20	24.940	34.376	22.890	0.099
30	24.932	34.376	22.892	0.149
40	24.924	34.375	22.894	0.199
50	24.900	34.374	22.900	0.248
60	24.707	34.368	22.954	0.298
70	20.532	34.777	24.451	0.337
80	16.977	34.812	25.377	0.367
90	14.684	34.881	26.027	0.389
100	14.197	34.953	26.109	0.408
110	13.750	34.937	26.192	0.427
120	13.590	34.932	26.221	0.446
130	13.354	34.914	26.255	0.464
140	13.105	34.909	26.302	0.481
150	12.933	34.897	26.327	0.499
160	12.908	34.894	26.330	0.516
170	12.752	34.883	26.353	0.533
180	12.435	34.870	26.404	0.550
190	12.394	34.866	26.410	0.567
200	12.292	34.860	26.425	0.583
250	11.762	34.821	26.496	0.664
300	11.220	34.791	26.574	0.742
350	10.204	34.739	26.713	0.815
400	9.337	34.685	26.817	0.883
450	8.423	34.637	26.925	0.946
500	7.676	34.601	27.009	1.005
550	7.184	34.584	27.069	1.060
600	6.807	34.580	27.115	1.113
650	6.235	34.568	27.181	1.163
700	5.809	34.554	27.224	1.211
750	5.487	34.552	27.262	1.256
800	5.297	34.549	27.283	1.301
900	4.752	34.552	27.349	1.386
1000	4.396	34.561	27.395	1.466
1002	4.393	34.561	27.395	1.468

CAST GP6-96-KA-0061 DATE 10 OCT 96 TIME 0301 GMT
 LAT 00 02.2N LONG 110 03.4W WEATHER 0 SEA STATE 3
 BAROMETER 14 WIND DIR 101 T SPD 10 KT VISIBILITY 6
 CLOUD X AMOUNT 2 DRY 21.9 WET 20.0 DEPTH 3750 M



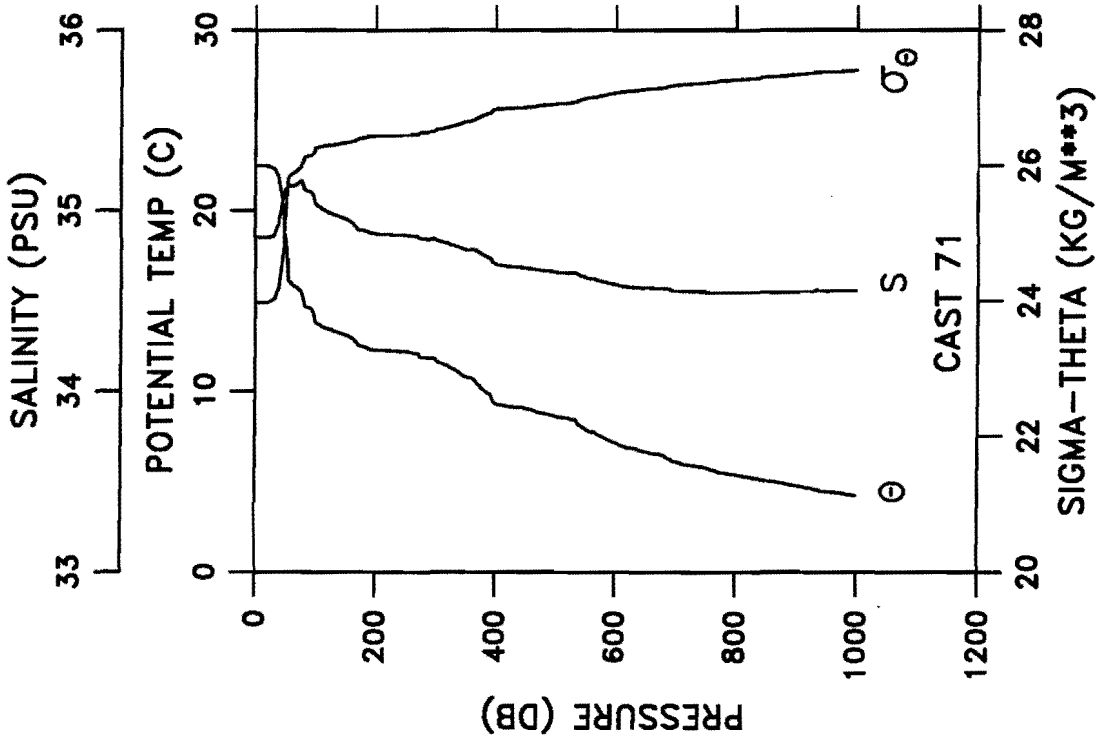
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.732	34.787	24.132	0.000
10	21.691	34.782	24.140	0.038
20	21.426	34.779	24.211	0.075
30	21.321	34.776	24.237	0.112
40	21.056	34.773	24.307	0.149
50	20.565	34.751	24.423	0.184
60	20.327	34.741	24.479	0.219
70	17.824	34.790	25.156	0.252
80	15.136	34.901	25.867	0.275
90	14.635	34.922	25.992	0.296
100	14.279	34.905	26.055	0.316
110	13.916	34.892	26.122	0.336
120	13.534	34.903	26.209	0.354
130	13.427	34.899	26.228	0.373
140	13.309	34.891	26.246	0.391
150	13.051	34.904	26.309	0.409
160	13.050	34.917	26.319	0.426
170	12.996	34.924	26.335	0.443
180	12.896	34.923	26.355	0.461
180	12.894	34.924	26.356	0.478
200	12.920	34.938	26.361	0.495
250	12.412	34.883	26.420	0.579
300	11.285	34.814	26.579	0.661
350	10.425	34.757	26.689	0.734
400	9.614	34.712	26.793	0.803
450	8.904	34.676	26.880	0.867
500	7.999	34.633	26.986	0.928
550	7.756	34.619	27.011	0.985
600	7.057	34.585	27.084	1.040
650	6.457	34.571	27.154	1.091
700	6.050	34.562	27.200	1.140
750	5.688	34.557	27.242	1.187
800	5.476	34.555	27.266	1.233
900	4.823	34.553	27.342	1.320
1000	4.442	34.558	27.387	1.401
1500	2.917	34.606	27.579	1.744
2000	2.099	34.645	27.679	2.024
2500	1.688	34.665	27.727	2.270
3000	1.478	34.675	27.751	2.500
3003	1.478	34.675	27.751	2.502

CAST GP8-96-KA-0062 DATE 11 OCT 96 TIME 0033 GMT
 LAT 00 01.2N LONG 110 00.1W WEATHER 2 SEA STATE 3
 BAROMETER 13 WIND DIR 079 T SPD 12 KT VISIBILITY 6
 CLOUD 8 AMOUNT 7 DRY 21.7 WET 20.4 DEPTH 3775 M



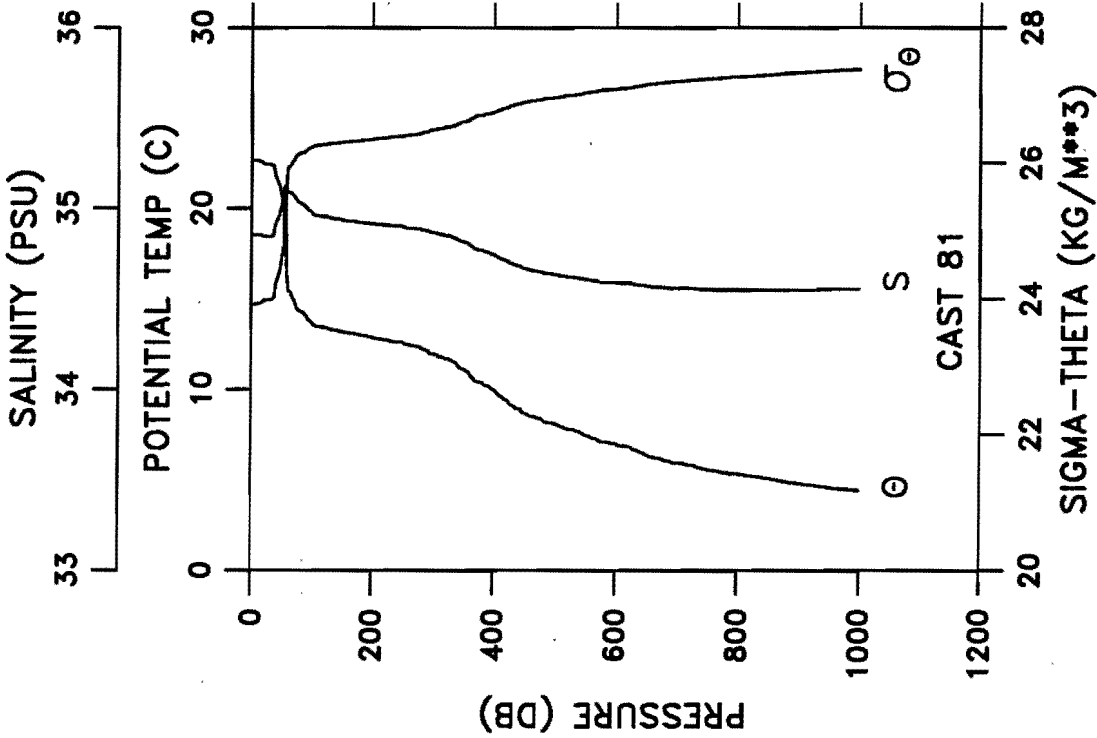
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.941	34.813	24.094	0.000
10	21.795	34.812	24.133	0.038
20	21.495	34.807	24.213	0.075
30	21.373	34.802	24.243	0.112
40	21.079	34.796	24.319	0.149
50	20.143	34.816	24.585	0.184
60	19.509	34.821	24.755	0.217
70	17.961	34.822	25.147	0.247
80	15.522	34.887	25.770	0.272
90	14.739	34.964	26.002	0.294
100	14.727	35.032	26.057	0.313
110	14.342	34.995	26.111	0.333
120	13.635	34.928	26.208	0.352
130	13.392	34.941	26.288	0.370
140	13.241	34.922	26.284	0.387
150	13.104	34.927	26.316	0.405
160	13.039	34.930	26.331	0.422
170	12.913	34.923	26.351	0.440
180	12.894	34.925	26.357	0.457
190	12.711	34.913	26.384	0.474
200	12.620	34.903	26.394	0.490
250	12.356	34.877	26.426	0.574
300	11.132	34.802	26.598	0.654
350	10.382	34.756	26.686	0.727
400	9.670	34.716	26.787	0.795
450	8.738	34.668	26.900	0.860
500	8.027	34.632	26.981	0.920
504	8.024	34.630	26.980	0.925

CAST GP6-96-KA-0071 DATE 11 OCT 96 TIME 0803 GMT
 LAT 00 59.8S LONG 109 59.9W WEATHER 2 SEA STATE 3
 BAROMETER 14 WIND DIR 088 T SPD 12 KT VISIBILITY 6
 CLOUD 8 AMOUNT 7 DRY 22.7 WET 20.0 DEPTH 3969 M



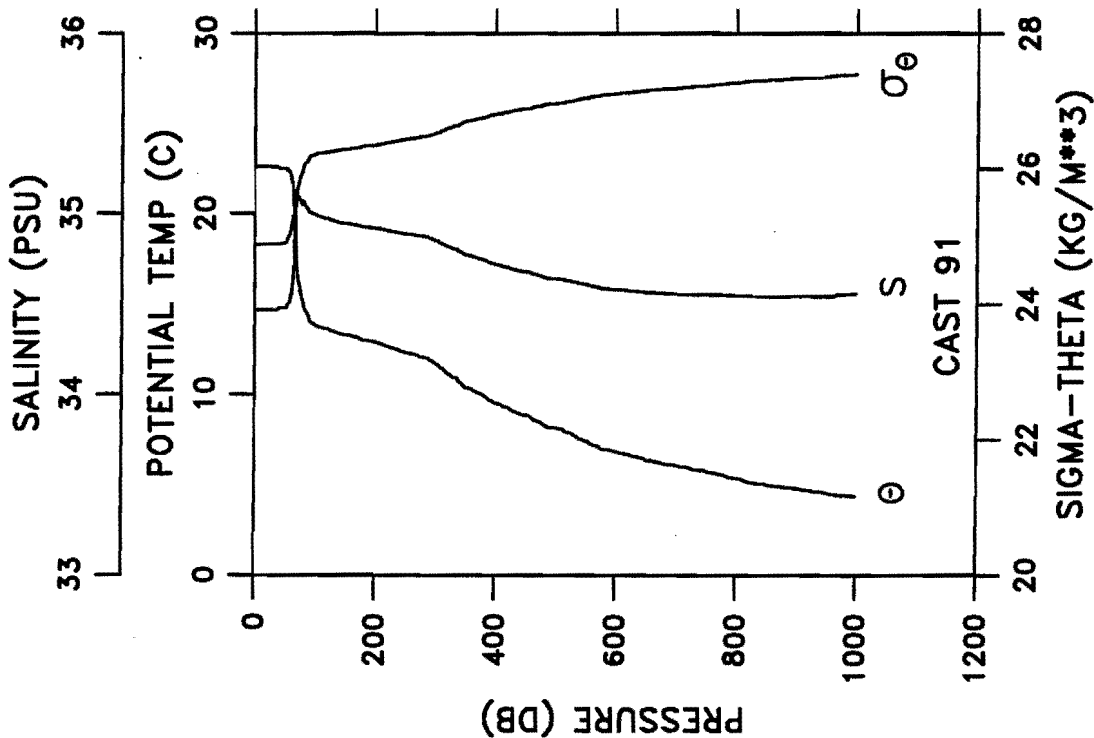
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.500	34.856	23.969	0.000
10	22.463	34.851	23.967	0.039
20	22.470	34.851	23.974	0.079
30	22.343	34.860	24.016	0.118
40	21.577	34.955	24.303	0.156
50	18.588	35.116	25.213	0.189
60	15.925	35.137	25.871	0.212
70	15.702	35.148	25.930	0.233
80	14.954	35.129	26.082	0.253
90	14.580	35.106	26.146	0.272
100	13.786	35.037	26.261	0.291
110	13.577	35.012	26.285	0.308
120	13.440	34.992	26.298	0.326
130	13.323	34.977	26.310	0.343
140	13.215	34.967	26.324	0.361
150	13.088	34.954	26.340	0.378
160	12.930	34.935	26.357	0.395
170	12.580	34.899	26.397	0.412
180	12.465	34.890	26.414	0.429
190	12.299	34.878	26.437	0.445
200	12.259	34.872	26.441	0.461
250	12.178	34.864	26.450	0.543
300	11.752	34.841	26.513	0.624
350	10.799	34.785	26.645	0.700
400	9.338	34.705	26.832	0.770
450	9.048	34.681	26.861	0.835
500	8.626	34.660	26.911	0.897
550	7.924	34.631	26.996	0.958
600	7.153	34.591	27.075	1.014
650	6.649	34.573	27.130	1.066
700	6.113	34.556	27.188	1.117
750	5.778	34.549	27.225	1.164
800	5.375	34.545	27.270	1.210
800	4.774	34.551	27.345	1.296
1000	4.229	34.558	27.410	1.375
1003	4.209	34.557	27.412	1.378

CAST GP6-96-KA-0081 DATE 11 OCT 96 TIME 2323 GMT
 LAT 02 01.6S LONG 110 01.0W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 114 T SPD 13 KT VISIBILITY 7
 CLOUD 3 AMOUNT 2 DRY 22.4 WET 20.5 DEPTH 3922 M



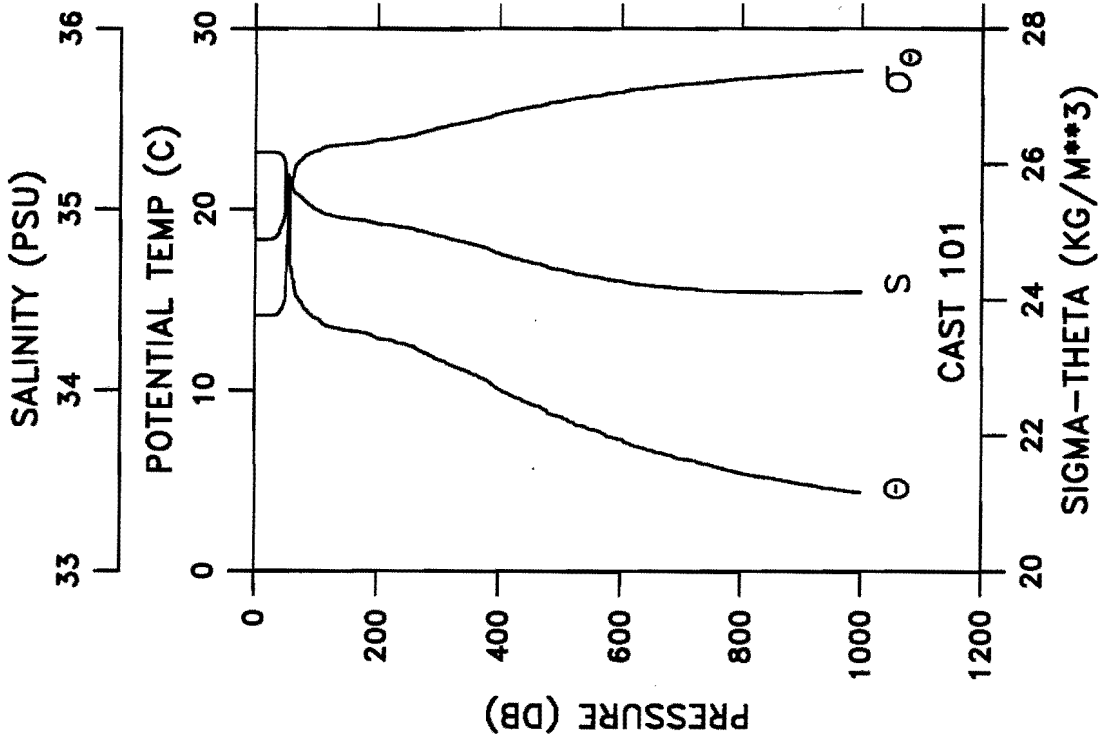
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.675	34.854	23.917	0.000
10	22.628	34.855	23.932	0.040
20	22.460	34.847	23.973	0.079
30	22.418	34.846	23.985	0.119
40	21.836	34.811	24.198	0.158
50	20.695	35.011	24.588	0.193
60	15.568	35.087	25.914	0.221
70	14.937	35.073	26.043	0.242
80	14.314	35.030	26.145	0.261
90	14.065	35.008	26.180	0.280
100	13.651	34.975	26.242	0.298
110	13.464	34.960	26.268	0.316
120	13.411	34.955	26.275	0.334
130	13.298	34.947	26.292	0.351
140	13.255	34.943	26.298	0.369
150	13.183	34.936	26.307	0.386
160	13.112	34.930	26.317	0.404
170	13.069	34.927	26.323	0.421
180	12.995	34.922	26.334	0.439
190	12.950	34.919	26.340	0.456
200	12.868	34.915	26.354	0.473
250	12.588	34.901	26.399	0.558
300	11.948	34.868	26.497	0.641
350	11.125	34.817	26.611	0.719
400	9.995	34.747	26.755	0.790
450	8.697	34.671	26.909	0.855
500	8.100	34.636	26.973	0.915
550	7.449	34.610	27.048	0.972
600	6.983	34.592	27.100	1.025
650	6.369	34.574	27.168	1.076
700	5.906	34.559	27.217	1.125
750	5.568	34.551	27.252	1.171
800	5.312	34.549	27.281	1.216
900	4.796	34.551	27.343	1.302
1000	4.409	34.558	27.391	1.382
1003	4.370	34.558	27.386	1.384

CAST GP8-96-KA-0091 DATE 12 OCT 96 TIME 0609 GMT
 LAT 02 59.05 LONG 109 59.0W WEATHER 1 SEA STATE 4
 BAROMETER 14 WIND DIR 101 T SPD 16 KT VISIBILITY 7
 CLOUD 3 AMOUNT 2 DRY 22.4 WET 20.4 DEPTH 3900 M



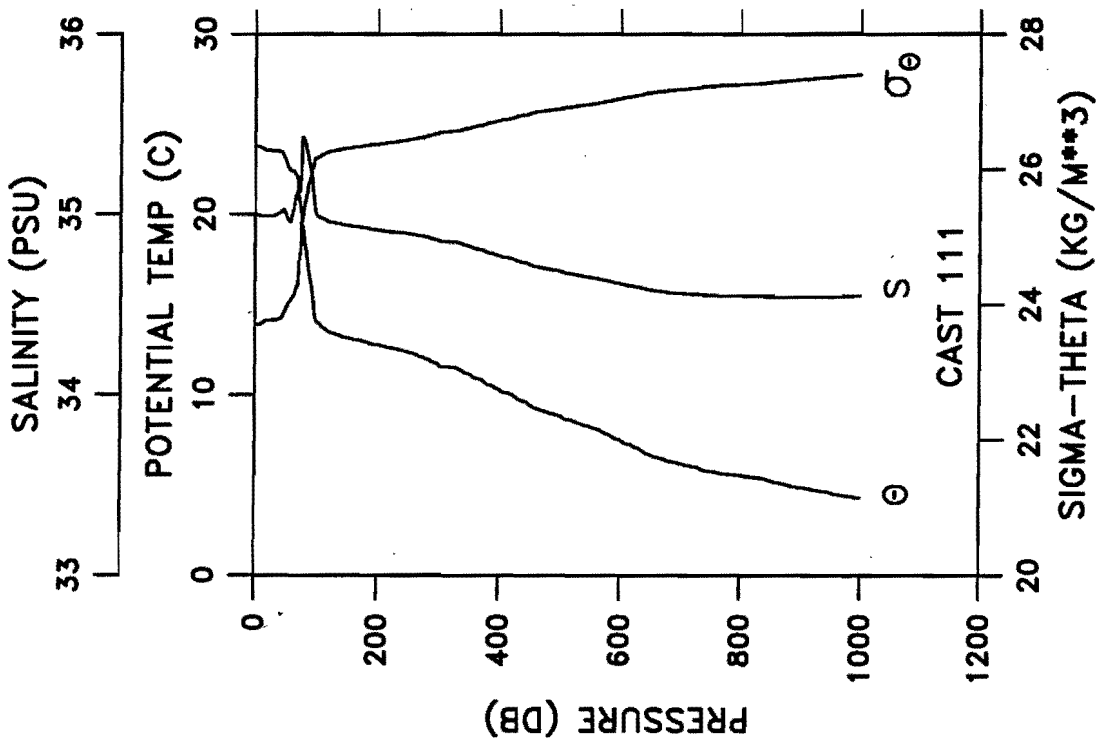
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.632	34.828	23.910	0.000
10	22.636	34.830	23.910	0.040
20	22.629	34.830	23.913	0.080
30	22.613	34.830	23.917	0.120
40	22.544	34.831	23.937	0.160
50	22.531	34.839	23.947	0.199
60	22.094	34.908	24.123	0.239
70	16.710	35.102	25.862	0.270
80	15.051	35.071	26.016	0.291
90	14.136	35.010	26.167	0.311
100	13.841	34.994	26.216	0.329
110	13.701	34.981	26.236	0.347
120	13.628	34.973	26.245	0.365
130	13.486	34.961	26.265	0.383
140	13.366	34.951	26.281	0.401
150	13.294	34.946	26.292	0.419
160	13.230	34.941	26.302	0.436
170	13.150	34.935	26.313	0.454
180	12.994	34.926	26.337	0.471
190	12.852	34.924	26.344	0.488
200	12.892	34.919	26.352	0.506
250	12.325	34.889	26.441	0.590
300	11.737	34.853	26.525	0.671
350	10.402	34.775	26.707	0.746
400	9.547	34.720	26.810	0.814
450	8.875	34.680	26.888	0.878
500	8.170	34.642	26.968	0.938
550	7.432	34.610	27.051	0.995
600	6.848	34.583	27.111	1.048
650	6.379	34.567	27.162	1.099
700	6.092	34.559	27.192	1.148
750	5.782	34.552	27.226	1.196
800	5.376	34.549	27.274	1.242
900	4.810	34.545	27.337	1.327
1000	4.367	34.559	27.396	1.408
1001	4.365	34.559	27.397	1.409

CAST GP6-96-KA-0101 DATE 12 OCT 96 TIME 1303 GMT
 LAT 04 00.1S LONG 109 59.4W WEATHER 1 SEA STATE 4
 BAROMETER 13 WIND DIR 106 T SPD 12 KT VISIBILITY 6
 CLOUD X AMOUNT 1 DRY 22.8 WET 20.5 DEPTH 3924 M



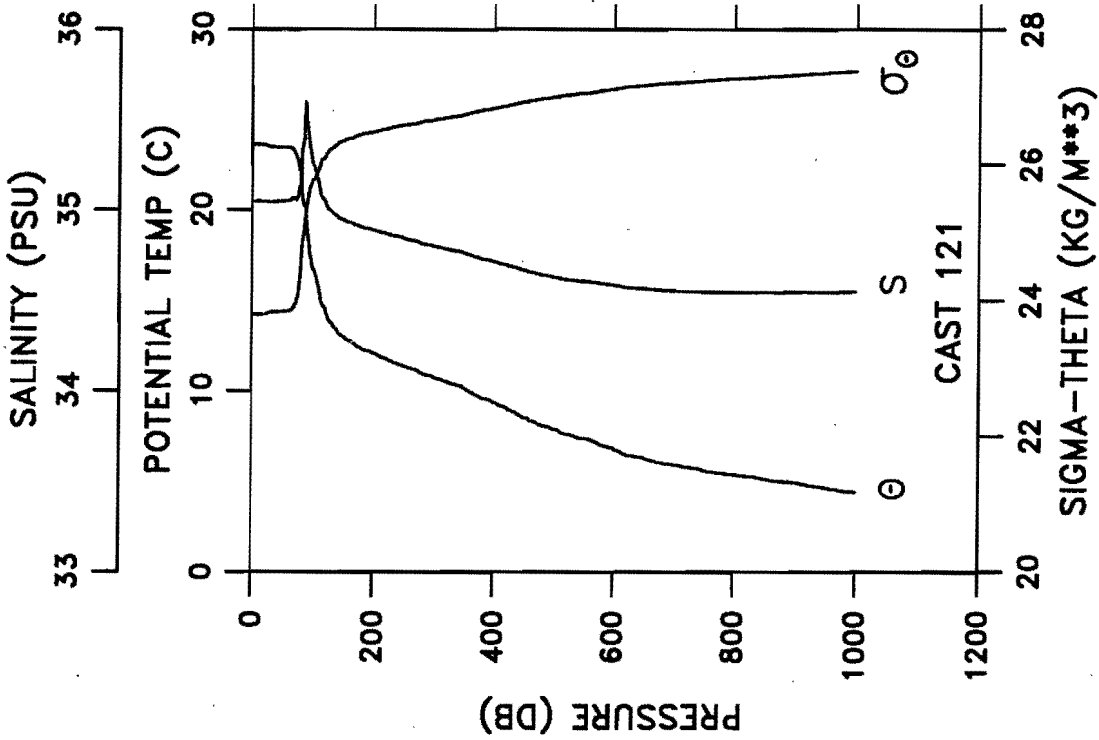
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.142	34.834	23.769	0.000
10	23.139	34.832	23.768	0.041
20	23.139	34.833	23.768	0.083
30	23.141	34.838	23.771	0.124
40	23.095	34.879	23.816	0.165
50	22.077	35.029	24.220	0.205
60	16.546	35.126	25.719	0.233
70	15.100	35.078	26.011	0.254
80	14.506	35.046	26.115	0.274
90	14.196	35.020	26.162	0.293
100	13.959	34.996	26.194	0.311
110	13.708	34.979	26.233	0.330
120	13.527	34.968	26.261	0.348
130	13.452	34.959	26.270	0.366
140	13.367	34.952	26.282	0.383
150	13.300	34.948	26.292	0.401
160	13.267	34.945	26.297	0.419
170	13.220	34.940	26.303	0.436
180	13.167	34.937	26.311	0.454
190	13.032	34.928	26.331	0.471
200	12.872	34.919	26.357	0.488
250	12.498	34.898	26.414	0.573
300	11.887	34.854	26.536	0.655
350	11.003	34.811	26.628	0.731
400	10.064	34.755	26.750	0.803
450	9.260	34.708	26.844	0.869
500	8.543	34.667	26.929	0.932
550	7.819	34.630	27.010	0.991
600	7.308	34.603	27.063	1.047
650	6.668	34.578	27.132	1.099
700	6.185	34.563	27.184	1.149
750	5.841	34.552	27.219	1.197
800	5.404	34.543	27.266	1.244
900	4.830	34.538	27.329	1.331
1000	4.365	34.545	27.386	1.412
1003	4.357	34.545	27.387	1.414

CAST GP6-96-KA-0111 DATE 12 OCT 96 TIME 2044 GMT
 LAT 05 00.1S LONG 110 01.2W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 111 T SPD 14 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 24.3 WET 21.0 DEPTH 3397 M



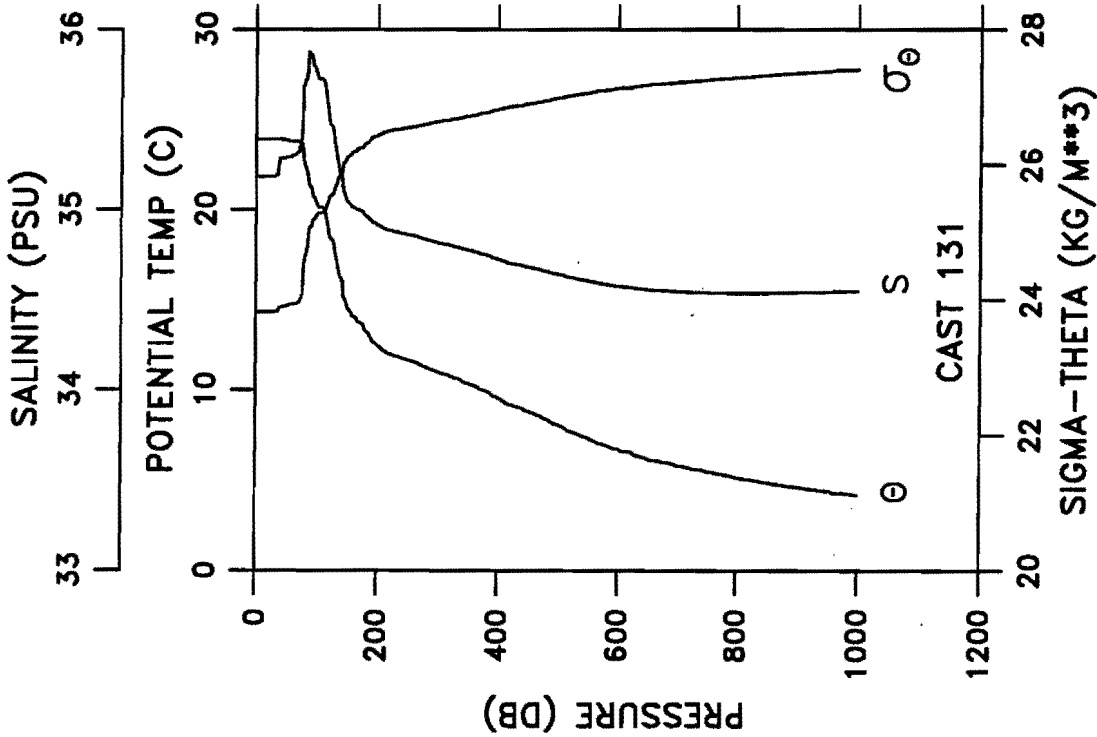
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.778	34.998	23.707	0.000
10	23.710	34.992	23.722	0.042
20	23.555	34.991	23.767	0.083
30	23.539	34.992	23.773	0.125
40	23.511	35.008	23.793	0.166
50	23.016	35.006	23.935	0.206
60	22.398	34.988	24.098	0.245
70	21.842	35.133	24.364	0.283
80	18.645	35.413	25.428	0.313
90	16.315	35.258	25.874	0.337
100	14.068	35.001	26.174	0.357
110	13.762	34.978	26.221	0.375
120	13.507	34.960	26.260	0.393
130	13.370	34.952	26.281	0.411
140	13.251	34.946	26.301	0.428
150	13.159	34.938	26.313	0.446
160	13.061	34.933	26.329	0.463
170	13.024	34.930	26.334	0.481
180	12.924	34.925	26.351	0.498
190	12.801	34.915	26.388	0.515
200	12.762	34.912	26.373	0.532
250	12.361	34.893	26.437	0.616
300	11.673	34.854	26.538	0.696
350	11.141	34.823	26.613	0.773
400	10.283	34.770	26.723	0.846
450	9.452	34.721	26.826	0.914
500	8.837	34.683	26.896	0.977
550	8.254	34.652	26.962	1.036
600	7.498	34.616	27.046	1.096
650	6.675	34.581	27.134	1.149
700	6.200	34.562	27.181	1.199
750	5.774	34.552	27.227	1.247
800	5.551	34.548	27.252	1.293
900	4.875	34.542	27.327	1.382
1000	4.284	34.548	27.386	1.463
1001	4.284	34.548	27.396	1.464

CAST GP6-96-KA-0121 DATE 13 OCT 96 TIME 0340 GMT
 LAT 05 59.7S LONG 109 57.3W WEATHER 1 SEA STATE 4
 BAROMETER 13 WIND DIR 108 T SPD 14 KT VISIBILITY 6
 CLOUD 8 AMOUNT 2 DRY 23.6 WET 20.3 DEPTH 3480 M



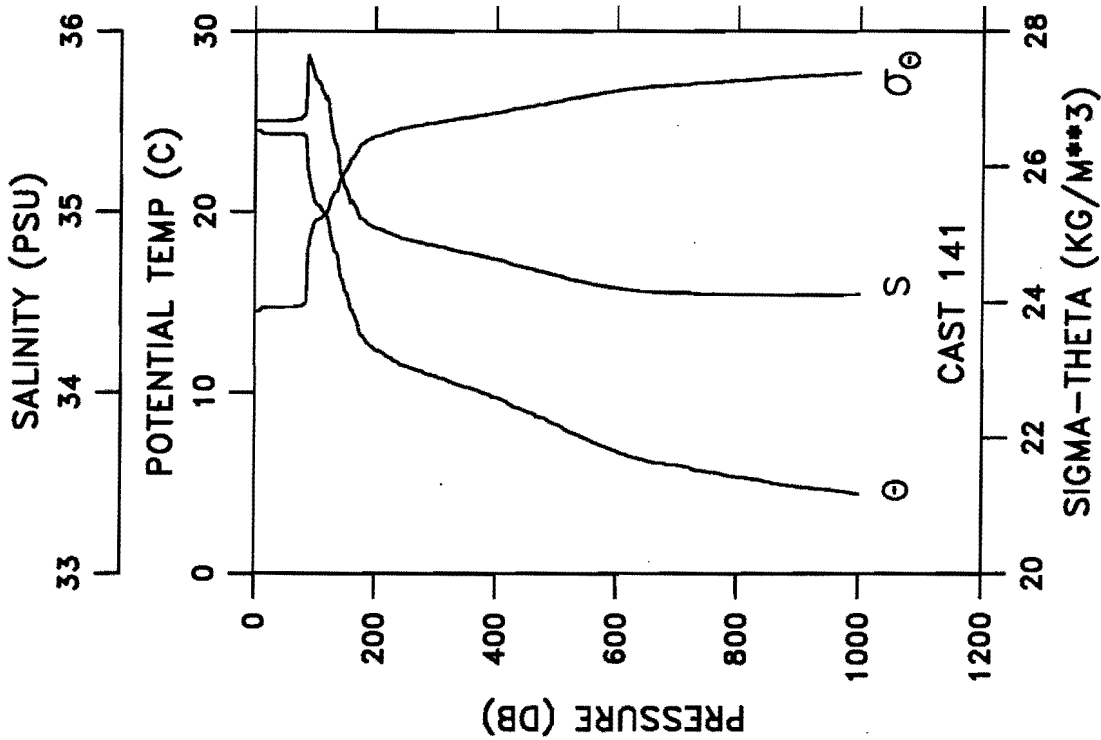
PRES (DB)	POT TEMP (C)	SAL (FSU)	SIG-TH	DELTA-D (DYN-M)
0	23.622	35.049	23.791	0.000
10	23.613	35.048	23.794	0.041
20	23.606	35.047	23.795	0.082
30	23.491	35.043	23.825	0.123
40	23.475	35.045	23.832	0.164
50	23.464	35.047	23.837	0.205
60	23.447	35.051	23.844	0.245
70	23.204	35.066	23.926	0.286
80	21.658	35.179	24.451	0.324
90	19.120	35.516	25.388	0.354
100	16.745	35.256	25.772	0.378
110	15.630	35.142	25.942	0.400
120	14.548	35.049	26.109	0.420
130	13.749	34.982	26.234	0.438
140	13.320	34.984	26.301	0.456
150	12.993	34.944	26.352	0.473
160	12.772	34.930	26.385	0.490
170	12.552	34.917	26.418	0.507
180	12.336	34.904	26.450	0.523
190	12.208	34.895	26.469	0.539
200	12.085	34.887	26.485	0.555
250	11.348	34.843	26.590	0.633
300	10.747	34.799	26.665	0.706
350	10.168	34.762	26.738	0.777
400	9.372	34.715	26.835	0.843
450	8.525	34.666	26.932	0.906
500	7.869	34.628	27.002	0.964
550	7.379	34.606	27.056	1.020
600	6.823	34.585	27.117	1.073
650	6.317	34.566	27.169	1.123
700	5.925	34.554	27.210	1.171
750	5.618	34.547	27.243	1.218
800	5.371	34.547	27.273	1.263
900	4.930	34.546	27.323	1.351
1000	4.401	34.548	27.384	1.432
1002	4.396	34.548	27.385	1.434

CAST GP6-96-KA-0131 DATE 13 OCT 96 TIME 1027 GMT
 LAT 06 59.9S LONG 109 56.7W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 092 T SPD 13 KT VISIBILITY 6
 CLOUD X AMOUNT 2 DRY 23.3 WET 20.4 DEPTH 3450 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.874	35.185	23.820	0.000
10	23.872	35.182	23.819	0.041
20	23.873	35.183	23.819	0.082
30	23.873	35.183	23.819	0.122
40	23.911	35.285	23.885	0.163
50	23.851	35.289	23.906	0.203
60	23.781	35.299	23.934	0.243
70	23.757	35.321	23.958	0.283
80	22.544	35.700	24.587	0.321
90	21.270	35.856	25.073	0.352
100	20.356	35.752	25.242	0.380
110	20.079	35.717	25.289	0.408
120	18.578	35.491	25.505	0.434
130	17.512	35.356	25.866	0.459
140	16.181	35.195	25.857	0.481
150	14.580	35.046	26.104	0.502
160	14.060	35.012	26.185	0.521
170	13.743	34.986	26.239	0.539
180	13.300	34.967	26.307	0.557
190	12.807	34.936	26.382	0.575
200	12.455	34.913	26.434	0.591
250	11.666	34.861	26.545	0.670
300	10.985	34.816	26.635	0.746
350	10.367	34.776	26.714	0.818
400	9.560	34.724	26.811	0.886
450	8.830	34.681	26.896	0.949
500	8.065	34.641	26.982	1.010
550	7.362	34.606	27.058	1.066
600	6.728	34.576	27.122	1.118
650	6.192	34.556	27.178	1.168
700	5.809	34.546	27.218	1.217
750	5.489	34.540	27.252	1.263
800	5.182	34.537	27.287	1.307
850	4.640	34.540	27.351	1.392
900	4.194	34.548	27.407	1.471
1000	4.195	34.548	27.406	1.473

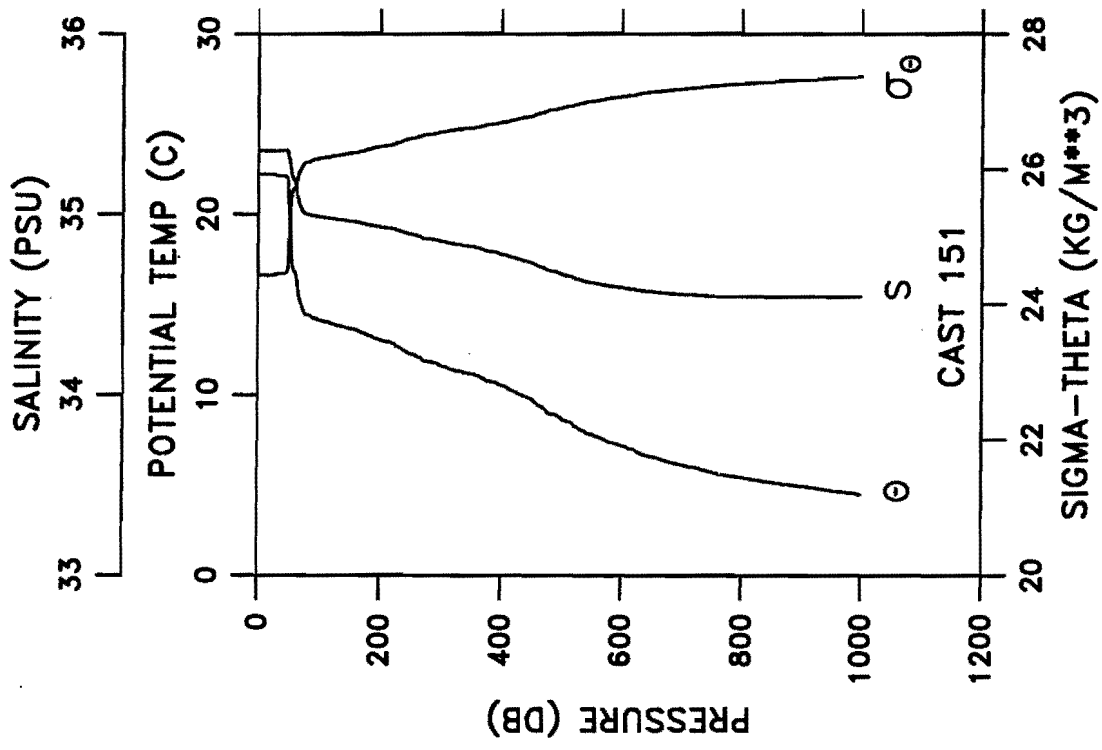
CAST GP6-96-KA-0141 DATE 13 OCT 96 TIME 2339 GMT
 LAT 07 59.3S LONG 109 58.5W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 131 T SPD 14 KT VISIBILITY 6
 CLOUD 8 AMOUNT 1 DRY 24.1 WET 20.7 DEPTH 3360 M



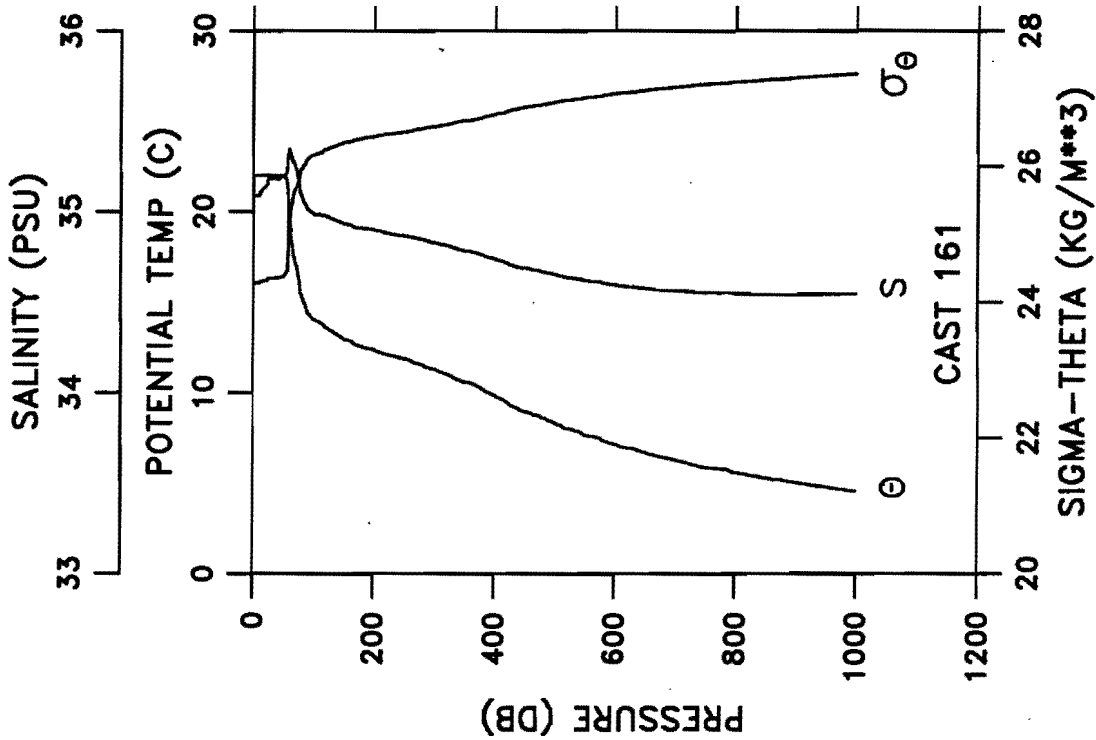
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.510	35.505	23.873	0.000
10	24.435	35.503	23.894	0.040
20	24.337	35.503	23.924	0.080
30	24.323	35.503	23.928	0.120
40	24.316	35.504	23.930	0.160
50	24.311	35.505	23.932	0.200
60	24.308	35.505	23.934	0.239
70	24.308	35.513	23.940	0.279
80	24.281	35.530	23.967	0.319
90	21.917	35.850	24.888	0.355
100	20.501	35.742	25.196	0.384
110	20.086	35.676	25.261	0.412
120	19.595	35.622	25.344	0.439
130	17.993	35.411	25.590	0.465
140	16.741	35.247	25.766	0.489
150	15.588	35.133	25.944	0.510
160	14.585	35.061	26.111	0.531
170	13.870	35.004	26.218	0.550
180	13.083	34.954	26.345	0.567
190	12.653	34.926	26.406	0.584
200	12.361	34.908	26.449	0.601
250	11.467	34.849	26.573	0.679
300	10.907	34.812	26.646	0.754
350	10.318	34.773	26.721	0.825
400	9.724	34.737	26.793	0.893
450	8.968	34.691	26.881	0.958
500	8.267	34.650	26.959	1.019
550	7.453	34.608	27.047	1.076
600	6.777	34.579	27.118	1.129
650	6.240	34.561	27.175	1.179
700	5.997	34.553	27.200	1.227
750	5.624	34.545	27.240	1.274
800	5.340	34.541	27.272	1.320
900	4.799	34.541	27.335	1.407
1000	4.411	34.546	27.382	1.488
1500	2.856	34.599	27.578	1.835
2000	2.087	34.643	27.679	2.111
2500	1.697	34.667	27.729	2.356
3000	1.537	34.676	27.748	2.589
3002	1.536	34.675	27.747	2.590

CAST GP8-96-KA-0151 DATE 18 OCT 96 TIME 0217 GMT
 LAT 07 51.35 LONG 95 06.6W WEATHER 1 SEA STATE 3
 BAROMETER 15 WIND DIR 110 T SPD 13 KT VISIBILITY 6
 CLOUD 8 AMOUNT 2 DRY 21.3 WET 18.3 DEPTH 3750 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-0 (DYN-M)
0	22.213	35.353	24.427	0.000
10	22.210	35.351	24.427	0.035
20	22.207	35.351	24.427	0.070
30	22.145	35.350	24.444	0.105
40	22.114	35.352	24.455	0.140
50	21.050	35.321	24.726	0.174
60	16.776	35.188	25.714	0.200
70	15.007	35.038	26.001	0.221
80	14.409	35.000	26.101	0.241
90	14.230	34.981	26.132	0.260
100	14.112	34.986	26.153	0.278
110	14.018	34.982	26.170	0.298
120	13.925	34.977	26.186	0.316
130	13.827	34.972	26.202	0.335
140	13.747	34.967	26.216	0.353
150	13.638	34.958	26.232	0.371
160	13.591	34.958	26.241	0.390
170	13.428	34.951	26.269	0.408
180	13.280	34.943	26.293	0.426
190	13.136	34.936	26.316	0.443
200	13.029	34.931	26.334	0.461
250	12.276	34.891	26.452	0.545
300	11.608	34.850	26.547	0.625
350	11.173	34.821	26.605	0.702
400	10.531	34.779	26.688	0.775
450	9.784	34.732	26.779	0.845
500	8.694	34.666	26.905	0.910
550	7.808	34.620	27.004	0.969
600	7.171	34.582	27.074	1.025
650	6.558	34.569	27.140	1.077
700	6.124	34.554	27.185	1.127
750	5.716	34.545	27.229	1.175
800	5.419	34.542	27.263	1.221
900	4.921	34.540	27.320	1.308
1000	4.484	34.544	27.374	1.391
1004	4.450	34.543	27.375	1.395

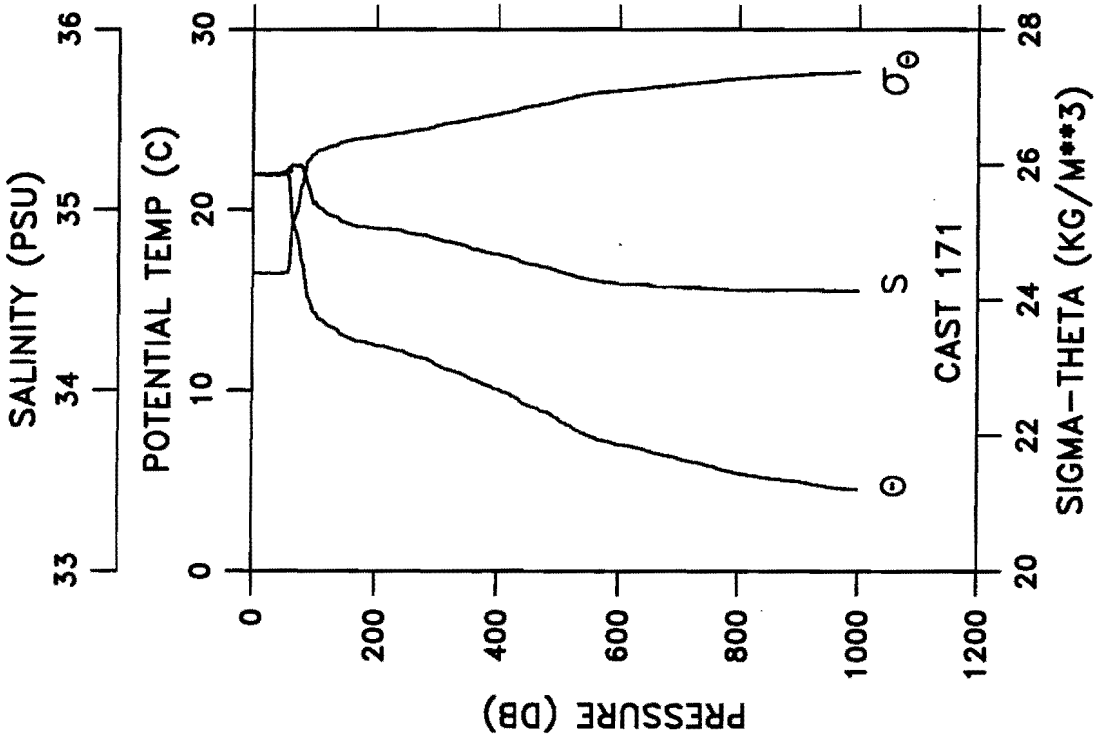


CAST GP6-96-KA-0161 DATE 18 OCT 96 TIME 0827 GMT
 LAT 06 59.8S LONG 95 04.6W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 091 T SPD 06 KT VISIBILITY 6
 CLOUD 8 AMOUNT 2 DRY 21.8 WET 18.6 DEPTH 3900 M



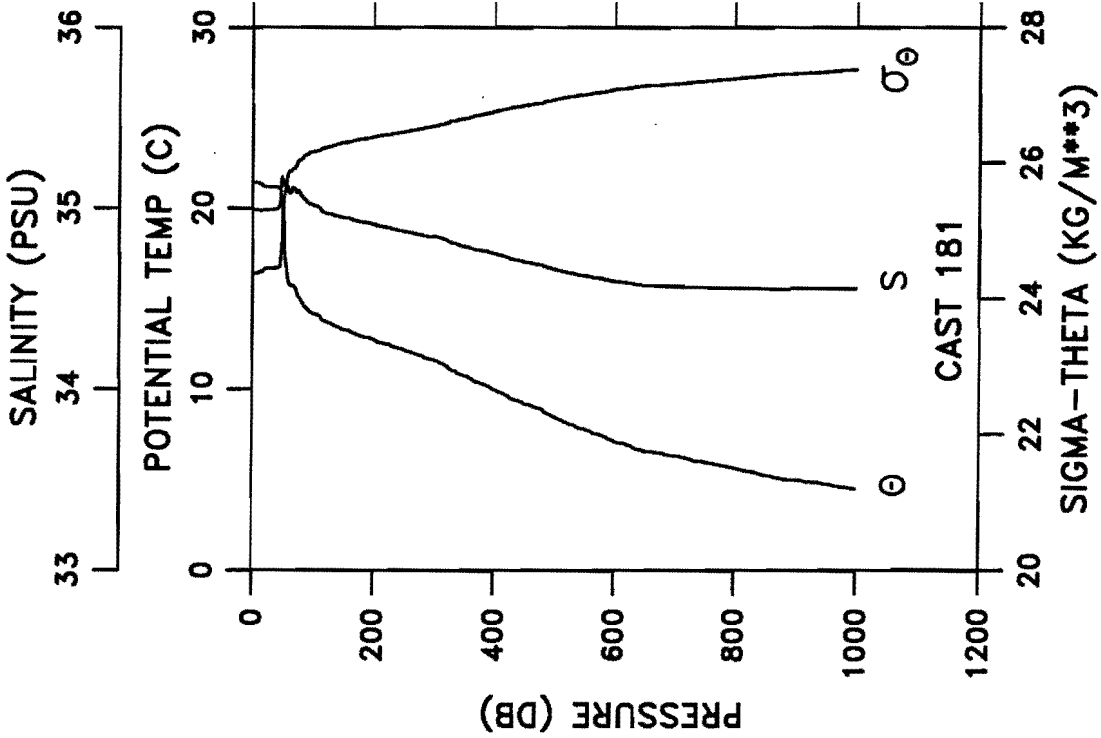
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.012	35.090	24.284	0.000
10	22.010	35.086	24.282	0.036
20	22.019	35.137	24.318	0.072
30	22.014	35.184	24.355	0.108
40	22.000	35.182	24.358	0.144
50	21.970	35.200	24.380	0.180
60	19.543	35.341	25.143	0.213
70	17.084	35.243	25.682	0.238
80	15.345	35.083	25.961	0.260
90	14.355	35.010	26.120	0.280
100	14.048	34.989	26.169	0.299
110	13.885	34.986	26.201	0.318
120	13.582	34.974	26.255	0.336
130	13.398	34.961	26.284	0.354
140	13.162	34.948	26.321	0.371
150	12.949	34.935	26.353	0.388
160	12.850	34.927	26.367	0.405
170	12.841	34.910	26.395	0.422
180	12.546	34.910	26.414	0.439
190	12.430	34.904	26.432	0.455
200	12.367	34.901	26.442	0.472
250	11.878	34.867	26.510	0.552
300	11.296	34.829	26.589	0.629
350	10.591	34.784	26.681	0.703
400	9.872	34.740	26.771	0.773
450	8.982	34.689	26.878	0.838
500	8.348	34.655	26.950	0.899
550	7.698	34.621	27.021	0.957
600	7.174	34.596	27.077	1.013
650	6.700	34.577	27.127	1.065
700	6.267	34.564	27.174	1.116
750	5.868	34.554	27.217	1.164
800	5.554	34.548	27.251	1.211
900	5.023	34.543	27.310	1.300
1000	4.543	34.545	27.366	1.384
1004	4.525	34.545	27.368	1.387

CAST GP6-96-KA-0171 DATE 18 OCT 96 TIME 1447 GMT
 LAT 05 59.9S LONG 95 05.1W WEATHER 1 SEA STATE 3
 BAROMETER 16 WIND DIR 103 T SPD 08 KT VISIBILITY 6
 CLOUD 8 AMOUNT 6 DRY 22.9 WET 18.4 DEPTH 3900 M



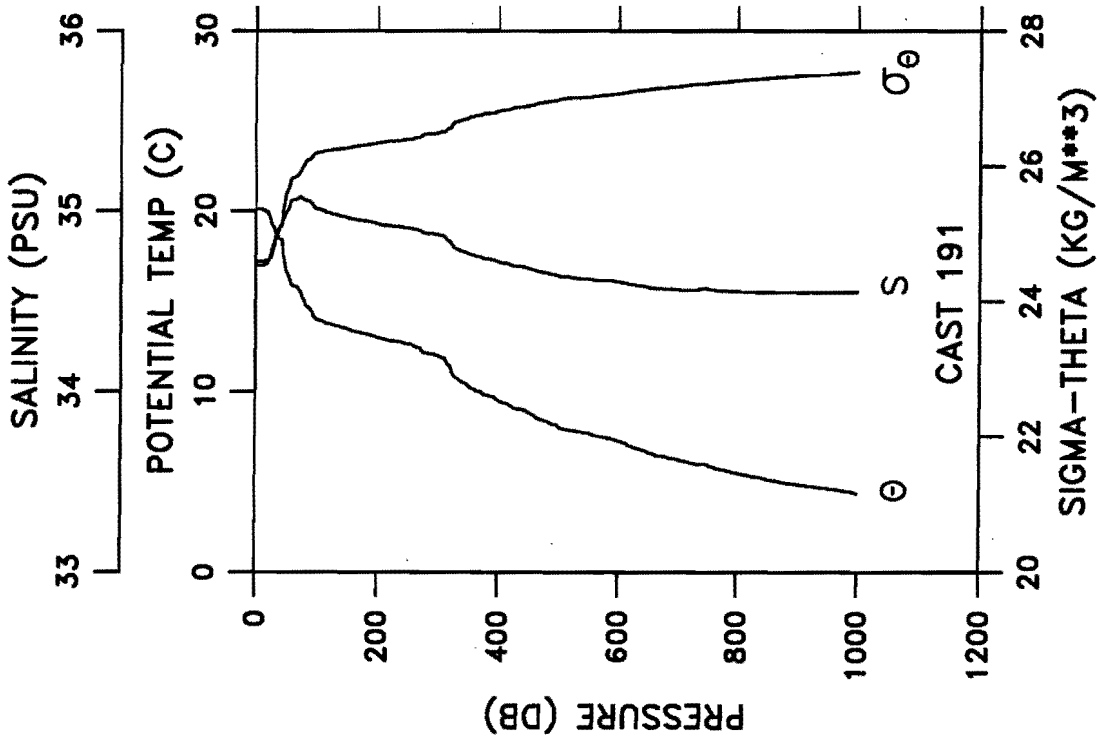
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.934	35.199	24.389	0.000
10	21.936	35.198	24.388	0.035
20	21.925	35.198	24.391	0.071
30	21.924	35.198	24.391	0.106
40	21.925	35.200	24.393	0.141
50	21.929	35.207	24.396	0.177
60	20.978	35.206	24.658	0.212
70	18.772	35.243	25.266	0.241
80	17.000	35.232	25.693	0.266
90	15.066	35.129	26.058	0.288
100	14.267	35.030	26.154	0.307
110	13.901	35.008	26.214	0.325
120	13.637	34.978	26.247	0.343
130	13.450	34.965	26.275	0.361
140	13.200	34.949	26.313	0.379
150	12.991	34.929	26.341	0.386
160	12.835	34.917	26.362	0.413
170	12.713	34.909	26.380	0.430
180	12.674	34.906	26.386	0.447
190	12.571	34.901	26.402	0.464
200	12.470	34.897	26.418	0.480
250	12.064	34.876	26.481	0.562
300	11.398	34.838	26.577	0.641
350	10.754	34.796	26.661	0.715
400	10.095	34.755	26.744	0.786
450	9.154	34.700	26.859	0.853
500	8.376	34.658	26.948	0.915
550	7.475	34.612	27.046	0.972
600	6.978	34.590	27.099	1.026
650	6.604	34.578	27.142	1.078
700	6.231	34.570	27.184	1.128
750	5.824	34.563	27.229	1.176
800	5.390	34.555	27.276	1.221
900	4.966	34.557	27.328	1.308
1000	4.521	34.550	27.373	1.380
1002	4.516	34.550	27.373	1.382

CAST GP6-96-KA-0181 DATE 18 OCT 96 TIME 2209 GMT
 LAT 04 58.9S LONG 95 05.1W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 114 T SPD 17 KT VISIBILITY 7
 CLOUD 8 AMOUNT 2 DRY 21.6 WET 18.7 DEPTH 3787 M



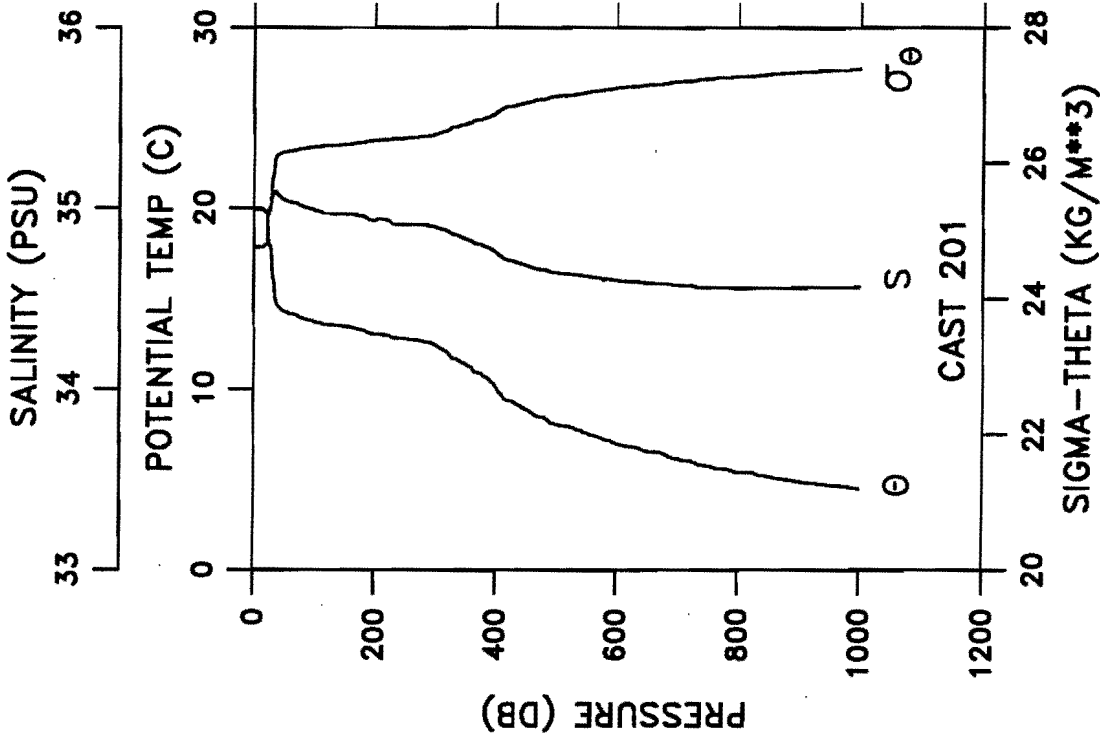
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.416	34.991	24.375	0.000
10	21.384	34.989	24.382	0.035
20	21.193	34.989	24.434	0.071
30	21.162	34.991	24.444	0.106
40	21.144	34.996	24.453	0.140
50	19.403	35.147	25.031	0.174
60	15.842	35.090	25.854	0.198
70	15.591	35.107	25.924	0.219
80	14.860	35.071	26.058	0.240
90	14.419	35.035	26.126	0.259
100	14.171	35.016	26.164	0.278
110	14.057	35.006	26.180	0.297
120	13.757	34.973	26.218	0.315
130	13.620	34.966	26.241	0.333
140	13.435	34.957	26.272	0.351
150	13.288	34.948	26.295	0.369
160	13.216	34.944	26.308	0.386
170	13.051	34.933	26.331	0.404
180	12.932	34.925	26.349	0.421
190	12.870	34.920	26.358	0.438
200	12.727	34.912	26.380	0.455
250	12.198	34.873	26.453	0.538
300	11.622	34.843	26.539	0.618
350	10.760	34.789	26.655	0.693
400	9.979	34.748	26.760	0.764
450	9.197	34.702	26.854	0.830
500	8.476	34.663	26.937	0.893
550	7.805	34.627	27.010	0.951
600	7.085	34.595	27.088	1.007
650	6.557	34.574	27.143	1.059
700	6.304	34.566	27.171	1.109
750	5.967	34.560	27.210	1.158
800	5.638	34.558	27.249	1.205
900	4.992	34.555	27.323	1.293
1000	4.490	34.558	27.383	1.375
1002	4.467	34.558	27.385	1.377

CAST GP6-96-KA-0191 DATE 19 OCT 96 TIME 0433 GMT
 LAT 04 00.0S LONG 85 05.6W WEATHER 1 SEA STATE 3
 BAROMETER 15 WIND DIR 130 T SPD 13 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 20.3 WET 18.7 DEPTH 3673 M



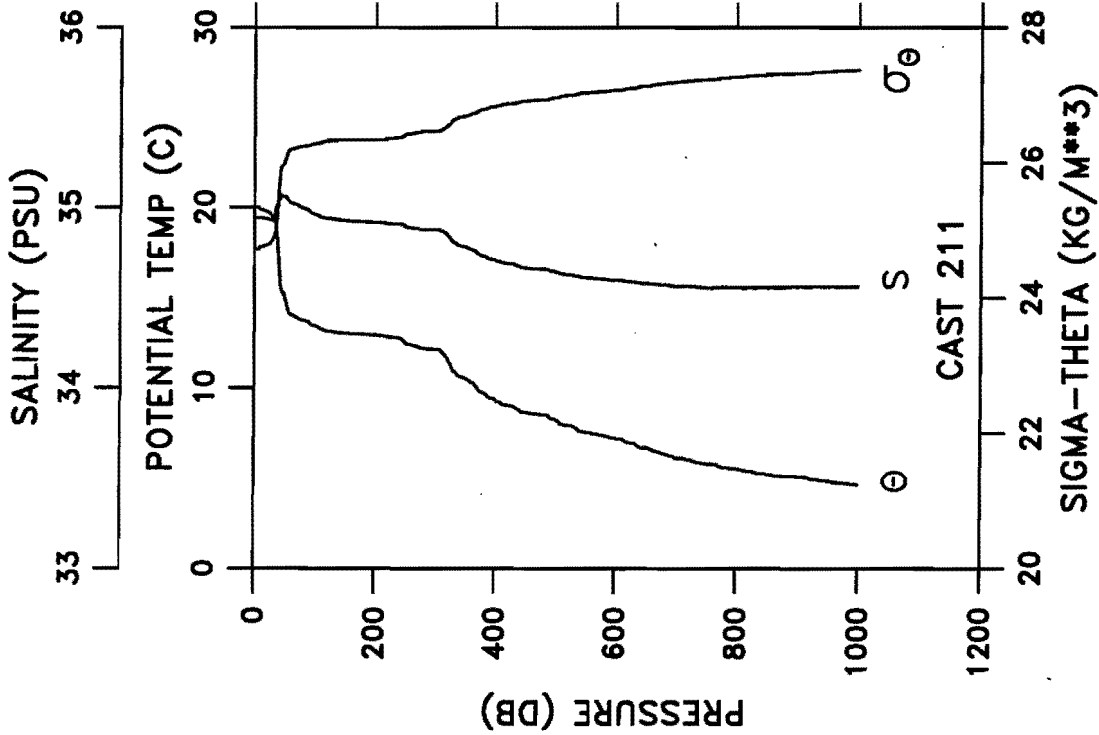
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.086	34.723	24.528	0.000
10	20.081	34.722	24.529	0.034
20	19.915	34.730	24.579	0.068
30	19.079	34.801	24.850	0.100
40	18.443	34.914	25.098	0.130
50	16.687	34.992	25.583	0.156
60	15.878	35.060	25.822	0.179
70	15.649	35.074	25.885	0.201
80	14.945	35.060	26.031	0.222
90	14.513	35.047	26.115	0.241
100	13.990	35.011	26.198	0.260
110	13.863	35.002	26.218	0.278
120	13.757	34.980	26.231	0.296
130	13.650	34.980	26.246	0.314
140	13.548	34.971	26.259	0.332
150	13.469	34.964	26.270	0.350
160	13.330	34.954	26.291	0.368
170	13.256	34.948	26.301	0.385
180	13.177	34.944	26.314	0.403
190	13.091	34.937	26.327	0.421
200	12.975	34.929	26.344	0.438
250	12.622	34.906	26.396	0.523
300	11.983	34.870	26.492	0.606
350	10.314	34.784	26.714	0.681
400	9.517	34.720	26.815	0.748
450	8.842	34.683	26.896	0.812
500	8.054	34.642	26.985	0.872
550	7.704	34.624	27.022	0.929
600	7.249	34.608	27.075	0.984
650	6.626	34.577	27.137	1.037
700	6.242	34.566	27.179	1.087
750	5.937	34.569	27.221	1.135
800	5.473	34.556	27.267	1.181
800	4.865	34.549	27.333	1.268
1000	4.321	34.552	27.396	1.349
1001	4.313	34.552	27.397	1.350

CAST GP6-96-KA-0201 DATE 19 OCT 96 TIME 1106 GMT
 LAT 02 59.3S LONG 95 06.1W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 120 T SPD 11 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 19.7 WET 18.4 DEPTH 3578 M



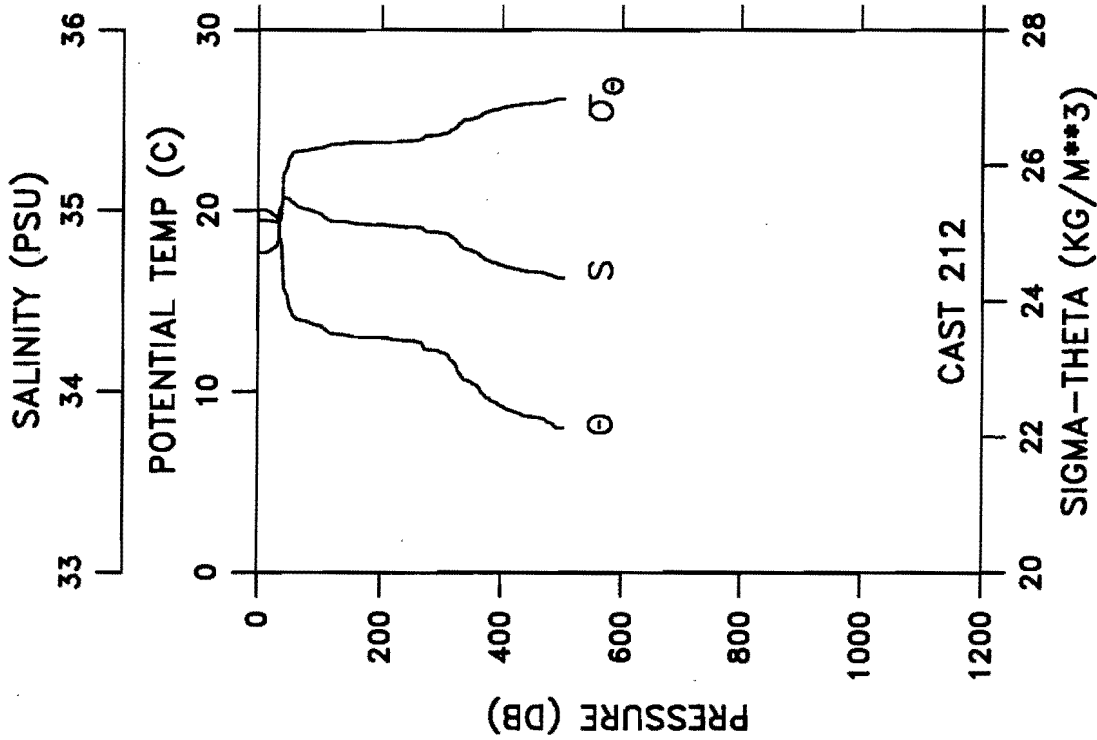
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.992	34.992	24.759	0.000
10	19.976	34.989	24.761	0.032
20	19.806	34.976	24.796	0.064
30	16.589	35.056	25.660	0.091
40	14.586	35.072	26.119	0.112
50	14.299	35.044	26.159	0.130
60	14.160	35.031	26.178	0.149
70	14.099	35.027	26.187	0.167
80	13.919	35.010	26.212	0.186
90	13.823	34.999	26.224	0.204
100	13.705	34.986	26.239	0.222
110	13.652	34.978	26.244	0.240
120	13.567	34.970	26.255	0.258
130	13.555	34.968	26.256	0.276
140	13.522	34.968	26.262	0.294
150	13.469	34.966	26.272	0.311
160	13.441	34.966	26.278	0.329
170	13.327	34.961	26.297	0.347
180	13.263	34.954	26.305	0.365
190	13.091	34.935	26.325	0.382
200	13.049	34.931	26.330	0.400
250	12.789	34.909	26.365	0.486
300	12.424	34.894	26.425	0.571
350	11.401	34.830	26.571	0.651
400	10.120	34.755	26.740	0.725
450	8.879	34.684	26.890	0.790
500	8.065	34.643	26.984	0.850
550	7.591	34.625	27.040	0.907
600	6.965	34.602	27.110	0.961
650	6.564	34.587	27.153	1.012
700	6.138	34.576	27.200	1.062
750	5.737	34.565	27.242	1.109
800	5.396	34.556	27.277	1.154
900	4.894	34.580	27.339	1.241
1000	4.479	34.566	27.390	1.322
1002	4.465	34.565	27.390	1.323

CAST GP6-96-KA-0211 DATE 19 OCT 96 TIME 1739 GMT
 LAT 01 58.2S LONG 95 08.5W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 119 T SPD 10 KT VISIBILITY 7
 CLOUD 8 AMOUNT 7 DRY 21.0 WET 19.2 DEPTH 3420 M



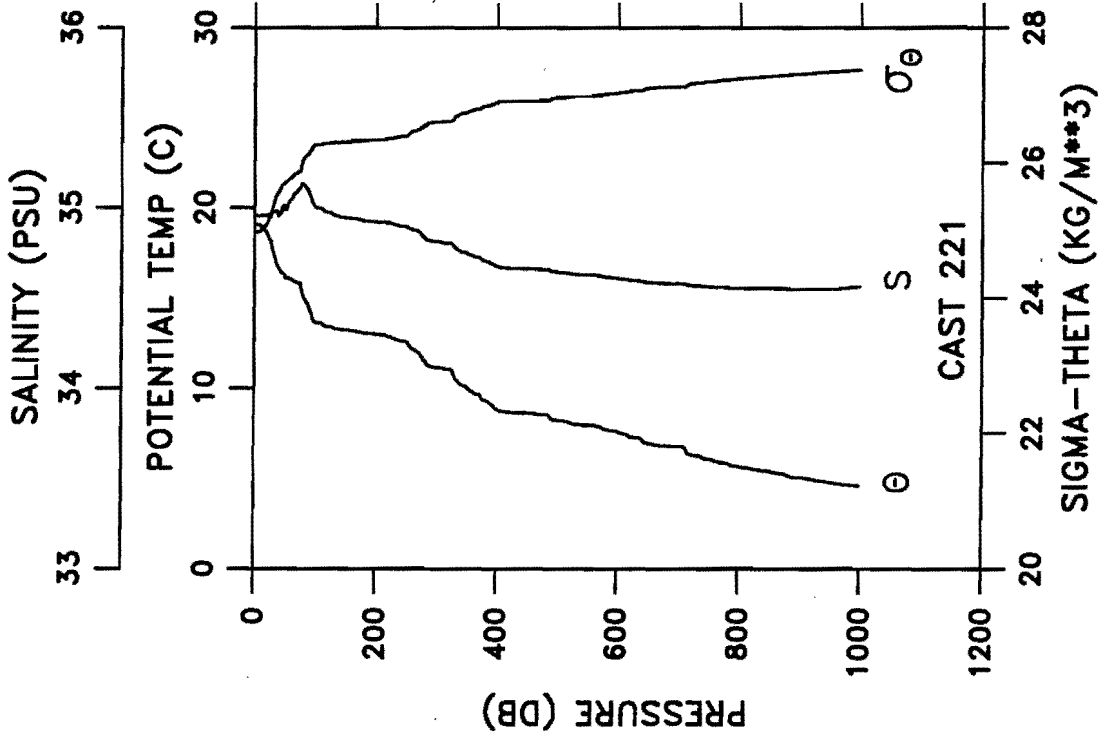
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.020	34.943	24.715	0.000
10	19.883	34.942	24.750	0.032
20	19.772	34.937	24.775	0.064
30	19.480	34.928	24.844	0.085
40	17.112	35.046	25.524	0.125
50	15.117	35.058	25.992	0.146
60	14.066	35.027	26.195	0.165
70	13.910	35.017	26.220	0.183
80	13.747	34.998	26.239	0.201
90	13.660	34.985	26.247	0.219
100	13.434	34.962	26.276	0.237
110	13.275	34.947	26.297	0.254
120	13.130	34.937	26.319	0.272
130	13.091	34.936	26.325	0.289
140	13.043	34.931	26.331	0.306
150	13.020	34.928	26.334	0.323
160	12.984	34.923	26.337	0.341
170	12.976	34.922	26.338	0.358
180	12.967	34.921	26.339	0.375
190	12.944	34.920	26.343	0.392
200	12.931	34.918	26.344	0.410
250	12.505	34.897	26.412	0.496
300	12.151	34.875	26.464	0.578
350	10.552	34.782	26.686	0.655
400	9.376	34.709	26.830	0.722
450	8.657	34.665	26.910	0.785
500	8.260	34.644	26.955	0.846
550	7.574	34.611	27.031	0.903
600	7.219	34.597	27.071	0.958
650	6.688	34.579	27.130	1.011
700	6.126	34.562	27.191	1.061
750	5.814	34.555	27.225	1.109
800	5.527	34.558	27.262	1.155
900	5.077	34.559	27.317	1.242
1000	4.646	34.561	27.367	1.326
1001	4.641	34.561	27.388	1.327

CAST GP8-96-KA-0212 DATE 20 OCT 96 TIME 0228 GMT
 LAT 01 59.4S LONG 95 01.3W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 117 T SPD 12 KT VISIBILITY 7
 CLOUD 8 AMOUNT 7 DRY 20.4 WET 18.5 DEPTH 3352 M



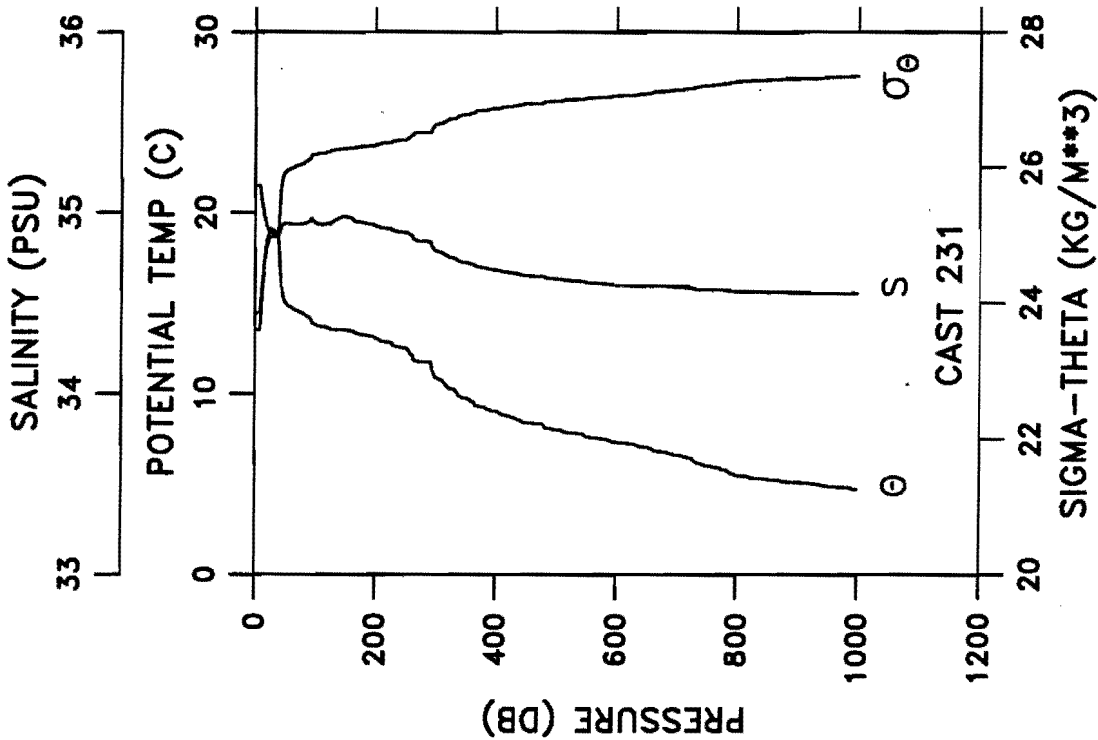
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.018	34.946	24.717	0.000
10	20.011	34.944	24.718	0.032
20	19.912	34.943	24.743	0.064
30	19.630	34.936	24.811	0.096
40	17.114	35.046	25.524	0.125
50	14.835	35.085	26.059	0.146
60	14.081	35.035	26.198	0.165
70	13.937	35.015	26.213	0.183
80	13.865	35.007	26.221	0.201
90	13.720	34.995	26.242	0.219
100	13.642	34.984	26.250	0.237
110	13.394	34.957	26.280	0.255
120	13.192	34.940	26.309	0.272
130	13.152	34.938	26.315	0.289
140	13.132	34.939	26.320	0.307
150	13.058	34.931	26.329	0.324
160	13.005	34.926	26.335	0.341
170	12.994	34.924	26.336	0.359
180	12.985	34.923	26.337	0.376
190	12.976	34.922	26.338	0.393
200	12.967	34.922	26.340	0.410
250	12.805	34.808	26.361	0.497
300	12.151	34.876	26.485	0.581
350	10.535	34.780	26.688	0.657
400	9.210	34.699	26.848	0.725
450	8.623	34.663	26.914	0.787
500	7.985	34.629	26.985	0.846
503	7.988	34.627	26.983	0.850

CAST GP6-96-KA-0221 DATE 20 OCT 96 TIME 0850 GMT
 LAT 00 59.9S LONG 95 08.8W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 127 T SPD 08 KT VISIBILITY 7
 CLOUD X AMOUNT 3 DRY 19.6 WET 18.0 DEPTH 3327 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DTN-M)
0	19.070	34.957	24.972	0.000
10	19.007	34.954	24.986	0.030
20	18.573	34.959	25.089	0.059
30	17.637	34.977	25.344	0.087
40	16.613	34.961	25.576	0.112
50	16.230	35.007	25.701	0.135
60	16.012	35.046	25.781	0.158
70	15.854	35.086	25.848	0.180
80	15.108	35.133	26.051	0.201
90	14.445	35.082	26.157	0.220
100	13.643	35.003	26.265	0.238
110	13.601	34.995	26.267	0.256
120	13.422	34.975	26.289	0.273
130	13.330	34.961	26.296	0.291
140	13.270	34.950	26.300	0.309
150	13.223	34.944	26.305	0.326
160	13.180	34.940	26.311	0.344
170	13.134	34.936	26.317	0.361
180	13.051	34.927	26.327	0.378
190	13.024	34.923	26.329	0.396
200	12.992	34.921	26.334	0.413
250	12.576	34.894	26.396	0.499
300	11.157	34.811	26.601	0.578
350	10.077	34.749	26.743	0.651
400	8.840	34.675	26.890	0.716
450	8.639	34.662	26.911	0.777
500	8.231	34.643	26.959	0.837
550	7.973	34.628	26.986	0.896
600	7.598	34.610	27.027	0.953
650	6.943	34.586	27.101	1.008
700	6.783	34.580	27.118	1.061
750	6.088	34.563	27.196	1.111
800	5.686	34.556	27.241	1.159
900	5.068	34.549	27.310	1.248
1000	4.598	34.563	27.374	1.332
1002	4.580	34.561	27.375	1.334

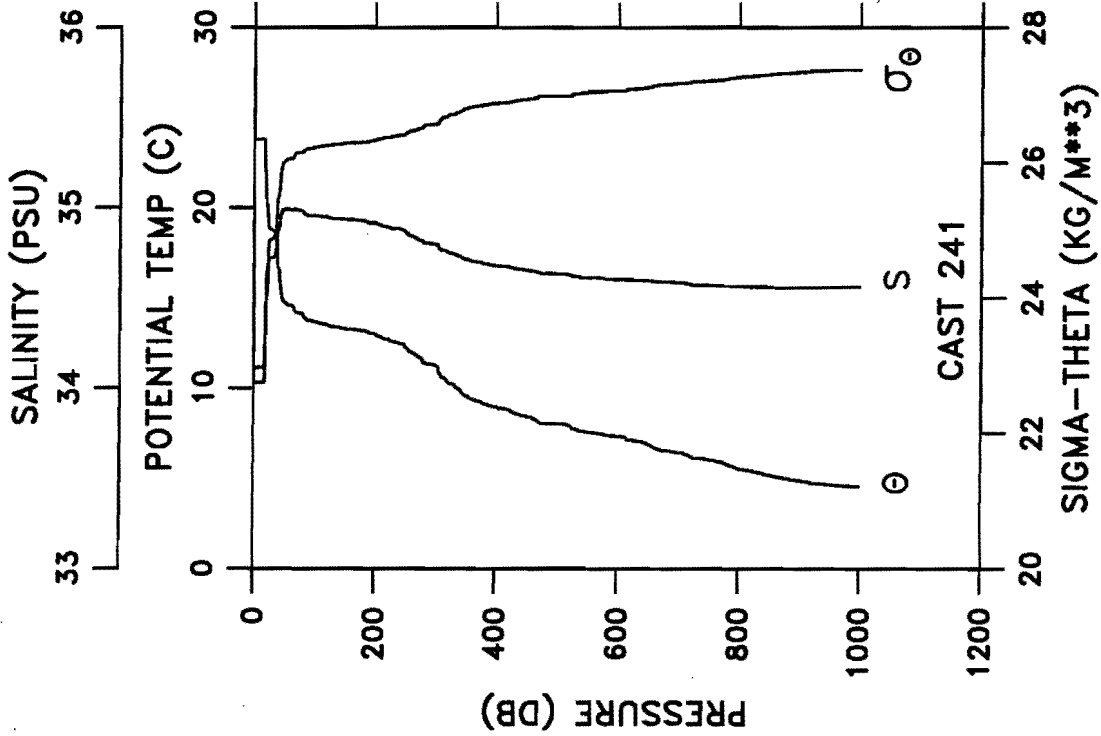
CAST GP8-96-KA-0231 DATE 20 OCT 96 TIME 1653 GMT
 LAT 00 02.2N LONG 95 09.8W WEATHER 1 SEA STATE 3
 BAROMETER 15 WIND DIR 135 T SPD 13 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 19.9 WET 18.0 DEPTH 3300 M



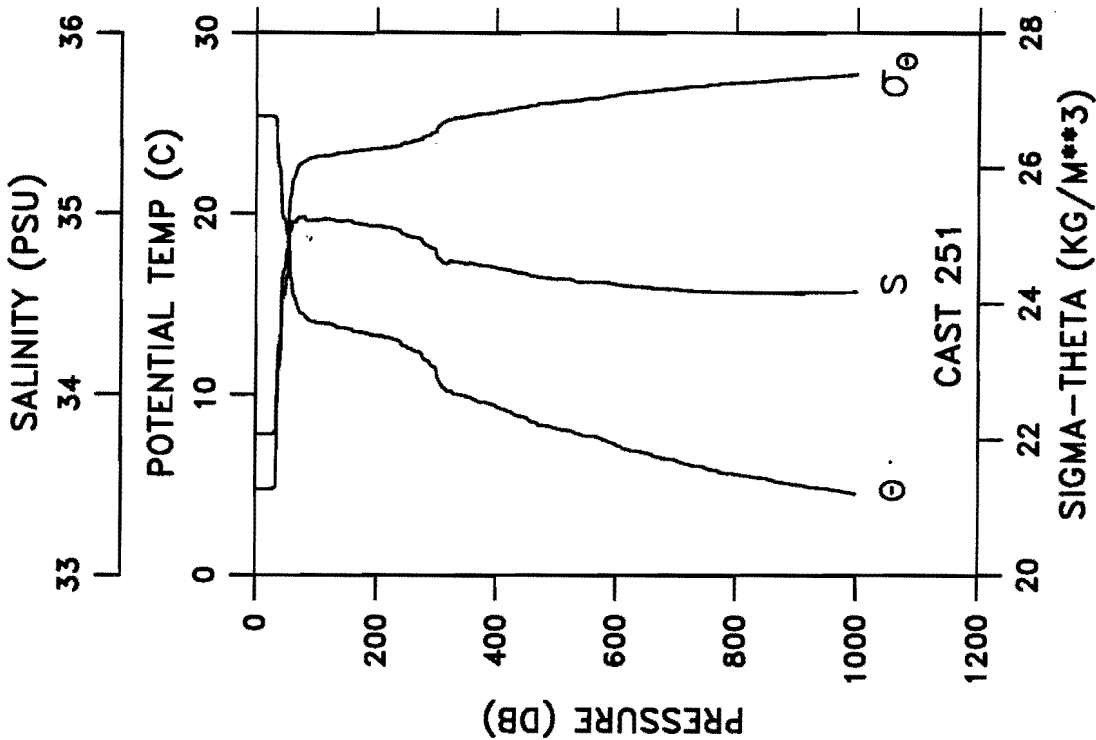
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.522	34.353	23.860	0.000
10	21.034	34.463	24.077	0.040
20	19.226	34.854	24.853	0.074
30	18.871	34.902	24.981	0.104
40	17.943	34.881	25.186	0.134
50	15.024	34.840	25.922	0.157
60	14.752	34.937	25.978	0.177
70	14.554	34.936	26.020	0.198
80	14.416	34.838	26.051	0.217
90	14.180	34.951	26.112	0.237
100	13.804	34.845	26.186	0.256
110	13.691	34.933	26.201	0.274
120	13.631	34.941	26.219	0.292
130	13.527	34.951	26.249	0.311
140	13.522	34.969	26.263	0.328
150	13.508	34.976	26.272	0.346
160	13.454	34.968	26.276	0.364
170	13.288	34.849	26.294	0.382
180	13.238	34.943	26.302	0.400
190	13.177	34.937	26.309	0.417
200	13.092	34.928	26.319	0.435
250	12.522	34.890	26.403	0.520
300	10.909	34.780	26.629	0.600
350	9.760	34.724	26.777	0.670
400	9.035	34.683	26.865	0.734
450	8.375	34.650	26.943	0.796
500	8.024	34.633	26.982	0.855
550	7.631	34.613	27.024	0.912
600	7.314	34.600	27.060	0.968
650	7.041	34.594	27.093	1.022
700	6.805	34.589	27.149	1.074
750	6.018	34.572	27.213	1.123
800	5.462	34.564	27.275	1.170
900	5.097	34.557	27.313	1.258
1000	4.728	34.555	27.353	1.343
1500	2.915	34.607	27.579	1.696
2000	2.136	34.642	27.674	1.978
2500	1.685	34.665	27.727	2.226
3000	1.520	34.675	27.748	2.458
3000	1.520	34.675	27.748	2.458

CAST GP6-96-KA-0241 DATE 21 OCT 96 TIME 0639 GMT
 LAT 01 00.0N LONG 94 55.2W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 160 T SPD 07 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 21.6 WET 18.8 DEPTH 3517 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.784	34.032	22.974	0.000
10	23.776	34.031	22.976	0.048
20	20.546	34.473	24.217	0.096
30	18.759	34.721	24.870	0.129
40	16.729	34.879	25.487	0.158
50	14.774	34.989	26.013	0.180
60	14.575	34.989	26.057	0.200
70	14.172	34.989	26.143	0.219
80	14.104	34.981	26.151	0.238
90	13.750	34.956	26.206	0.258
100	13.653	34.957	26.227	0.275
110	13.567	34.951	26.240	0.293
120	13.511	34.951	26.251	0.311
130	13.407	34.940	26.265	0.329
140	13.373	34.938	26.270	0.346
150	13.288	34.936	26.285	0.364
160	13.259	34.934	26.290	0.382
170	13.225	34.932	26.295	0.400
180	13.172	34.927	26.302	0.417
190	13.078	34.917	26.313	0.435
200	12.998	34.916	26.329	0.452
250	12.341	34.870	26.423	0.537
300	11.285	34.797	26.570	0.617
350	9.582	34.714	26.798	0.687
400	8.962	34.679	26.873	0.751
450	8.463	34.653	26.931	0.812
500	8.040	34.633	26.980	0.871
550	7.564	34.611	27.032	0.928
600	7.320	34.602	27.060	0.983
650	6.904	34.584	27.113	1.037
700	6.443	34.583	27.166	1.088
750	6.039	34.570	27.208	1.137
800	5.546	34.563	27.264	1.183
900	4.903	34.556	27.335	1.271
1000	4.577	34.561	27.375	1.352
1002	4.578	34.561	27.375	1.354

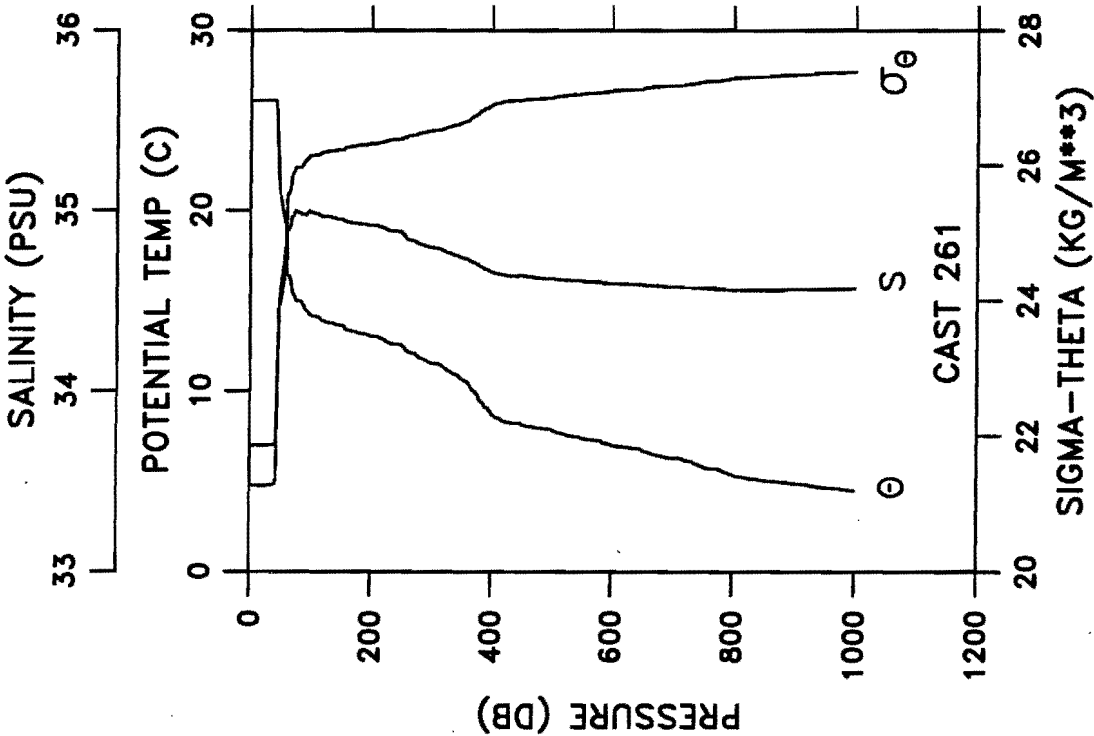


CAST GP6-96-KA-0251 DATE 21 OCT 96 TIME 1316 GMT
 LAT 01 53.1N LONG 94 53.9W WEATHER 1 SEA STATE 2
 BAROMETER 13 WIND DIR 166 T SPD 09 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 22.6 WET 19.6 DEPTH 2850 M



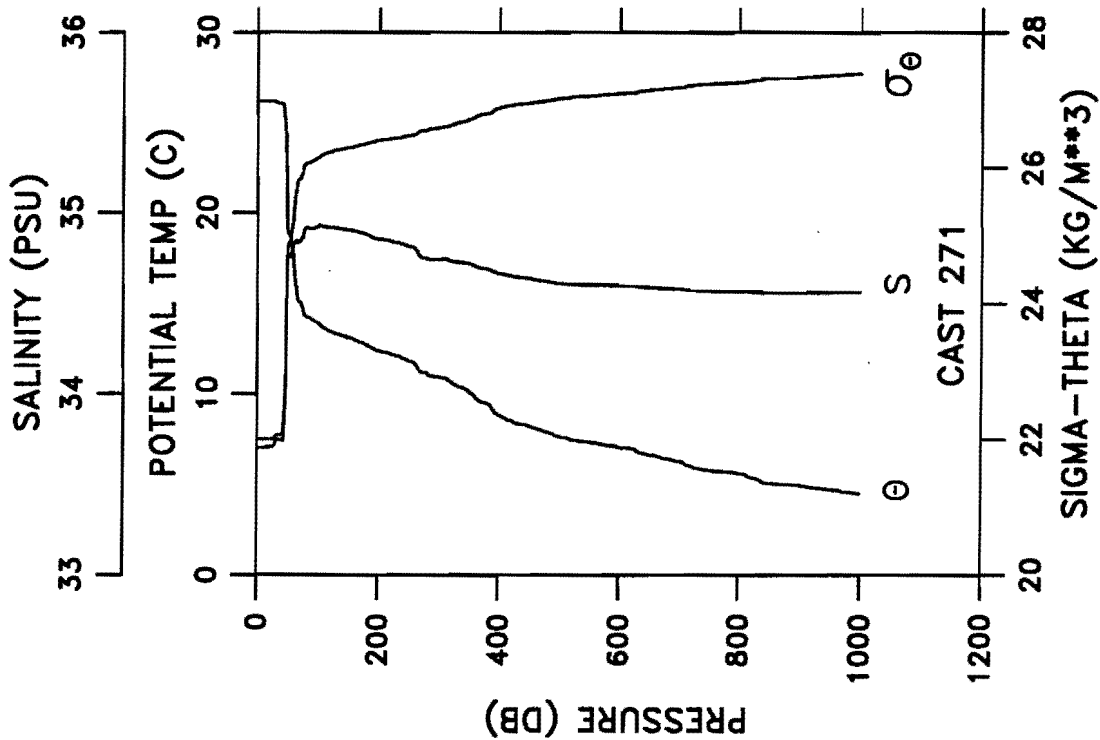
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.385	33.478	22.077	0.000
10	25.378	33.477	22.078	0.057
20	25.379	33.477	22.077	0.115
30	25.317	33.482	22.100	0.172
40	22.428	34.183	23.479	0.223
50	19.032	34.644	24.742	0.259
60	15.704	34.946	25.774	0.287
70	14.885	34.974	26.021	0.308
80	14.366	34.978	26.093	0.327
90	14.055	34.960	26.145	0.346
100	13.962	34.962	26.166	0.365
110	13.938	34.965	26.174	0.384
120	13.908	34.967	26.181	0.402
130	13.793	34.960	26.200	0.421
140	13.683	34.955	26.219	0.439
150	13.643	34.957	26.229	0.458
160	13.556	34.952	26.243	0.476
170	13.459	34.942	26.255	0.494
180	13.392	34.936	26.265	0.512
190	13.301	34.930	26.278	0.530
200	13.252	34.928	26.287	0.548
250	12.629	34.876	26.372	0.636
300	11.355	34.778	26.539	0.718
350	9.888	34.719	26.752	0.788
400	9.349	34.688	26.825	0.855
450	8.699	34.663	26.903	0.918
500	8.131	34.634	26.967	0.978
550	7.701	34.621	27.021	1.035
600	7.211	34.606	27.079	1.091
650	6.741	34.590	27.131	1.143
700	6.358	34.579	27.174	1.193
750	5.936	34.588	27.220	1.242
800	5.588	34.564	27.259	1.288
900	5.024	34.559	27.323	1.376
1000	4.521	34.567	27.386	1.458
1500	3.013	34.607	27.571	1.808
2000	2.228	34.639	27.664	2.097
2500	1.734	34.663	27.722	2.346
2503	1.736	34.662	27.721	2.347

CAST GP8-96-KA-0261 DATE 22 OCT 96 TIME 0146 GMT
 LAT 02 59.8N LONG 94 57.6W WEATHER 1 SEA STATE 2
 BAROMETER 12 WIND DIR 211 T SPD 09 KT VISIBILITY 7
 CLOUD 8 AMOUNT 7 DRY 24.2 WET 21.5 DEPTH 2713 M



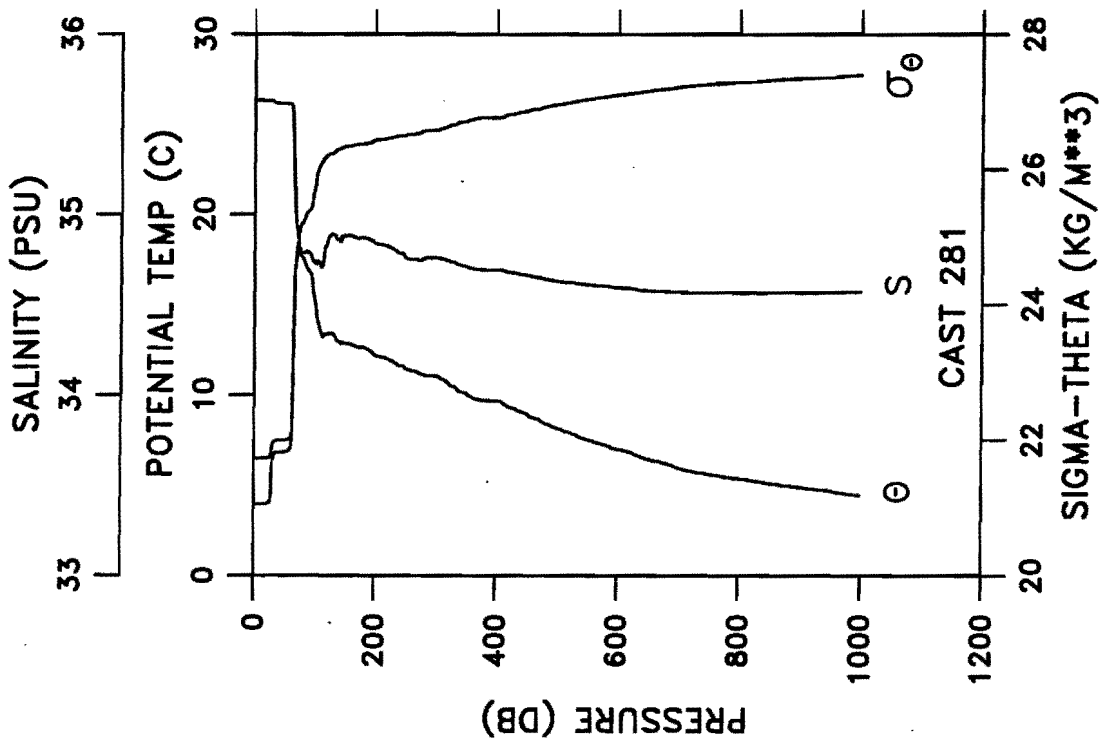
PRES (DB)	POT TEMP (C)	SAL (FSU)	SIG-TH	DELTA-D (DYN-M)
0	26.086	33.480	21.862	0.000
10	26.080	33.476	21.861	0.059
20	26.083	33.476	21.860	0.119
30	26.083	33.478	21.862	0.178
40	26.069	33.485	21.871	0.238
50	20.944	34.489	24.121	0.288
60	17.584	34.782	25.208	0.322
70	15.400	34.988	25.859	0.346
80	14.969	34.989	25.971	0.367
90	14.630	34.977	26.035	0.387
100	14.191	34.992	26.141	0.407
110	14.106	34.982	26.151	0.426
120	13.867	34.966	26.190	0.444
130	13.770	34.965	26.209	0.463
140	13.694	34.957	26.219	0.481
150	13.624	34.952	26.228	0.499
160	13.388	34.938	26.267	0.518
170	13.296	34.931	26.281	0.535
180	13.187	34.926	26.299	0.553
190	13.152	34.924	26.304	0.571
200	13.040	34.918	26.322	0.588
250	12.552	34.882	26.391	0.674
300	11.560	34.795	26.514	0.756
350	10.686	34.739	26.629	0.833
400	8.760	34.658	26.899	0.902
450	8.169	34.639	26.965	0.961
500	7.865	34.621	26.996	1.019
550	7.377	34.609	27.058	1.074
600	7.017	34.593	27.098	1.128
650	6.724	34.588	27.132	1.180
700	6.285	34.577	27.182	1.230
750	5.844	34.568	27.232	1.279
800	5.349	34.558	27.283	1.324
800	4.881	34.560	27.340	1.410
1000	4.486	34.567	27.380	1.491
1001	4.478	34.568	27.391	1.492

CAST GP6-96-KA-0271 DATE 22 OCT 96 TIME 0814 GMT
 LAT 04 00.0N LONG 94 55.0W WEATHER 2 SEA STATE 3
 BAROMETER 10 WIND DIR 216 T SPD 10 KT VISIBILITY 7
 CLOUD 8 AMOUNT 8 DRY 24.4 WET 22.7 DEPTH 3133 M



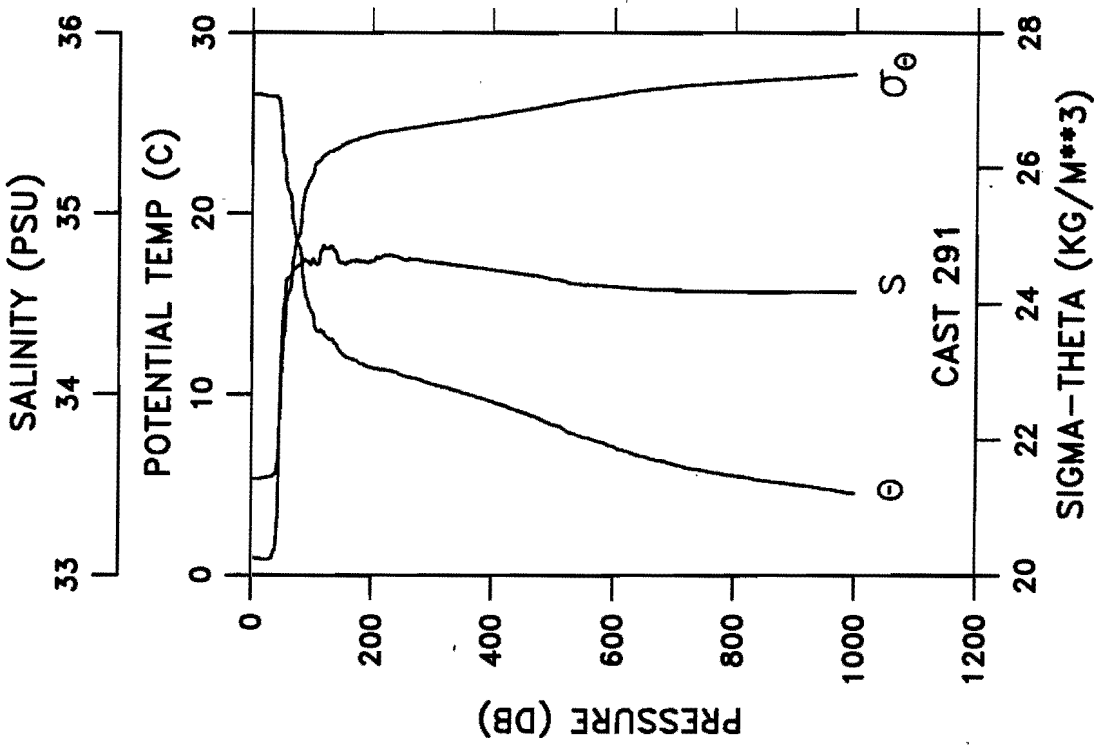
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.176	33.704	22.003	0.000
10	26.182	33.702	22.000	0.058
20	26.182	33.708	22.004	0.116
30	26.140	33.736	22.039	0.174
40	26.041	33.745	22.076	0.232
50	19.036	34.754	24.825	0.282
60	17.123	34.824	25.351	0.311
70	15.086	34.844	25.833	0.335
80	14.287	34.916	26.062	0.355
90	14.107	34.910	26.096	0.375
100	13.911	34.923	26.147	0.394
110	13.631	34.922	26.204	0.413
120	13.471	34.918	26.234	0.431
130	13.328	34.915	26.261	0.449
140	13.232	34.910	26.277	0.467
150	13.112	34.904	26.297	0.484
160	12.992	34.898	26.316	0.502
170	12.838	34.890	26.340	0.519
180	12.720	34.880	26.356	0.536
190	12.532	34.863	26.380	0.553
200	12.361	34.854	26.406	0.570
250	11.823	34.814	26.478	0.652
300	10.926	34.743	26.589	0.730
350	10.126	34.720	26.712	0.803
400	8.837	34.666	26.883	0.869
450	8.238	34.639	26.954	0.929
500	7.633	34.611	27.022	0.987
550	7.340	34.601	27.057	1.042
600	7.017	34.598	27.100	1.085
650	6.638	34.588	27.144	1.148
700	6.280	34.580	27.185	1.197
750	5.807	34.569	27.237	1.245
800	5.598	34.567	27.261	1.291
800	4.957	34.559	27.331	1.377
1000	4.494	34.565	27.388	1.459
1001	4.493	34.565	27.388	1.460

CAST 96-96-KA-0281 DATE 22 OCT 96 TIME 1554 GMT
 LAT 05 04.8N LONG 94 53.2W WEATHER 2 SEA STATE 3
 BAROMETER 11 WIND DIR 191 T SPD 13 KT VISIBILITY 7
 CLOUD 8 AMOUNT 7 DRY 27.0 WET 24.3 DEPTH 3570 M



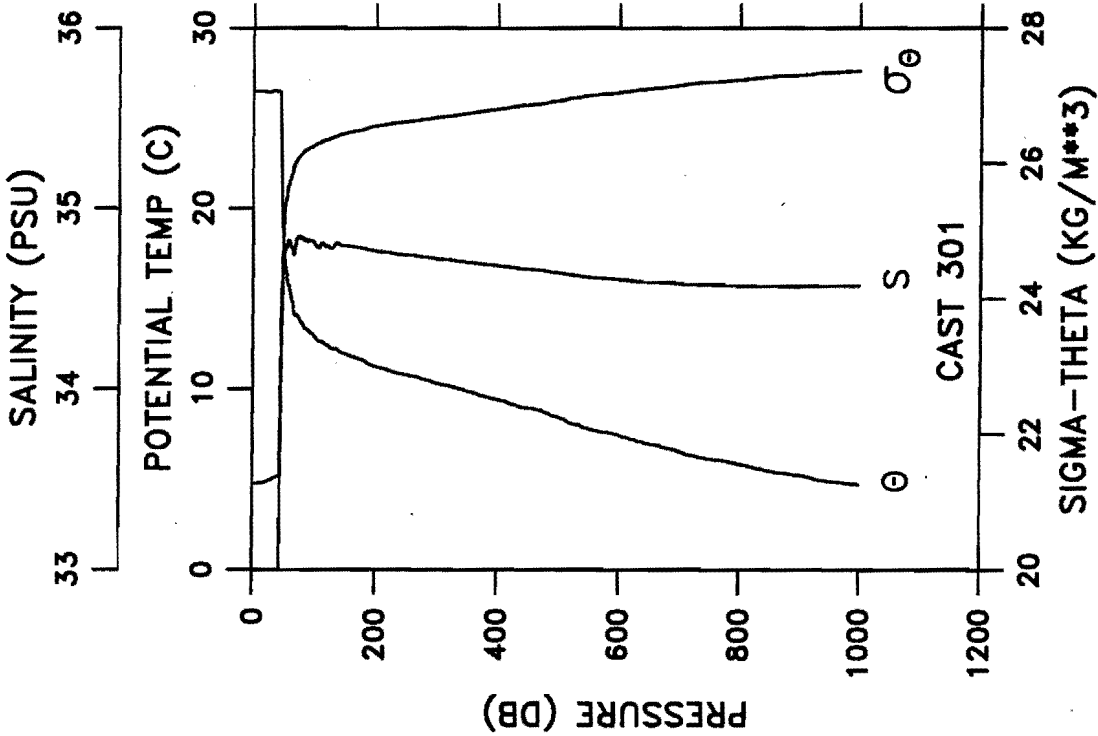
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.333	33.397	21.723	0.000
10	26.317	33.395	21.727	0.061
20	26.312	33.396	21.728	0.122
30	26.274	33.616	21.906	0.182
40	26.158	33.680	21.991	0.241
50	26.143	33.682	21.987	0.299
60	26.076	33.709	22.038	0.357
70	19.171	34.767	24.801	0.402
80	17.573	34.785	25.213	0.431
90	16.844	34.786	25.388	0.457
100	15.182	34.733	25.727	0.482
110	13.411	34.709	26.085	0.503
120	13.314	34.838	26.204	0.522
130	13.345	34.889	26.238	0.540
140	12.946	34.862	26.287	0.558
150	12.832	34.881	26.335	0.575
160	12.780	34.883	26.347	0.592
170	12.648	34.869	26.362	0.610
180	12.622	34.873	26.370	0.627
190	12.470	34.862	26.382	0.643
200	12.193	34.842	26.430	0.660
250	11.464	34.762	26.505	0.741
300	11.054	34.759	26.578	0.818
350	10.130	34.713	26.706	0.891
400	9.685	34.691	26.765	0.960
450	8.978	34.663	26.858	1.025
500	8.175	34.630	26.957	1.087
550	7.511	34.610	27.039	1.144
600	6.975	34.594	27.103	1.198
650	6.433	34.577	27.162	1.250
700	5.958	34.569	27.218	1.298
750	5.622	34.566	27.257	1.344
800	5.368	34.584	27.287	1.389
900	4.890	34.585	27.343	1.474
1000	4.455	34.571	27.398	1.555
1500	2.980	34.613	27.578	1.902
2000	2.134	34.644	27.676	2.181
2500	1.663	34.667	27.731	2.426
3000	1.579	34.671	27.740	2.661
3002	1.578	34.669	27.739	2.662

CAST CP6-96-KA-0291 DATE 23 OCT 96 TIME 0012 GMT
 LAT 05 59.8N LONG 94 50.7W WEATHER 2 SEA STATE 3
 BAROMETER 09 WIND DIR 213 T SPD 12 KT VISIBILITY 7
 CLOUD 8 AMOUNT 9 DRY 26.1 WET 24.0 DEPTH 3720 M



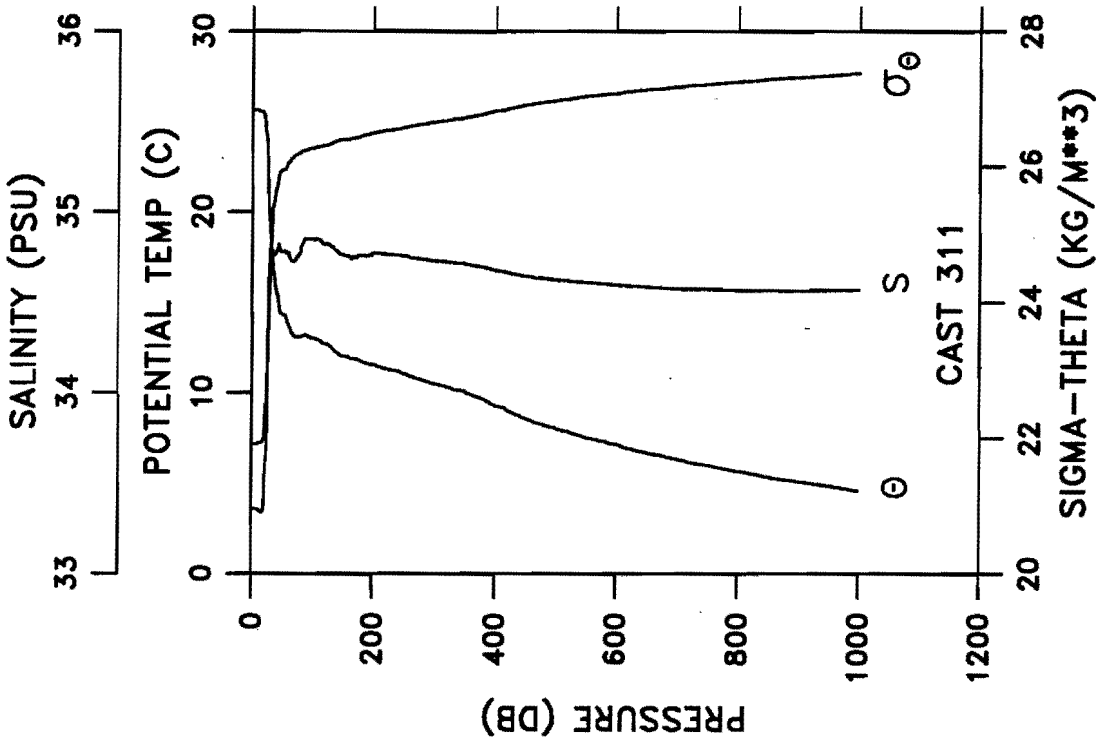
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.585	33.098	21.419	0.000
10	26.581	33.094	21.417	0.064
20	26.528	33.089	21.429	0.127
30	26.483	33.091	21.446	0.191
40	26.466	33.154	21.498	0.254
50	24.235	34.305	23.047	0.312
60	21.501	34.643	24.141	0.354
70	19.364	34.696	24.697	0.390
80	18.075	34.714	25.035	0.421
90	15.332	34.737	25.696	0.446
100	14.499	34.742	25.883	0.468
110	13.458	34.718	26.082	0.488
120	13.352	34.814	26.178	0.508
130	13.044	34.815	26.241	0.526
140	12.756	34.781	26.272	0.544
150	12.236	34.729	26.334	0.561
160	12.008	34.731	26.379	0.578
170	11.883	34.736	26.407	0.595
180	11.692	34.735	26.442	0.611
190	11.578	34.730	26.460	0.628
200	11.451	34.736	26.488	0.644
250	11.027	34.746	26.574	0.721
300	10.567	34.731	26.644	0.795
350	10.085	34.709	26.711	0.867
400	9.618	34.690	26.774	0.936
450	9.016	34.666	26.854	1.002
500	8.321	34.636	26.940	1.064
550	7.631	34.607	27.020	1.122
600	7.097	34.596	27.087	1.177
650	6.560	34.584	27.151	1.229
700	6.131	34.576	27.201	1.278
750	5.788	34.569	27.239	1.325
800	5.511	34.565	27.270	1.370
900	5.017	34.565	27.329	1.457
1000	4.528	34.570	27.388	1.539
1004	4.511	34.570	27.389	1.543

CAST GP6-96-KA-0301 DATE 23 OCT 96 TIME 0631 GMT
 LAT 06 58.9N LONG 94 49.0W WEATHER 2 SEA STATE 3
 BAROMETER 11 WIND DIR 208 T SPD 08 KT VISIBILITY 7
 CLOUD X AMOUNT 8 DRY 26.2 WET 24.1 DEPTH 3792 M



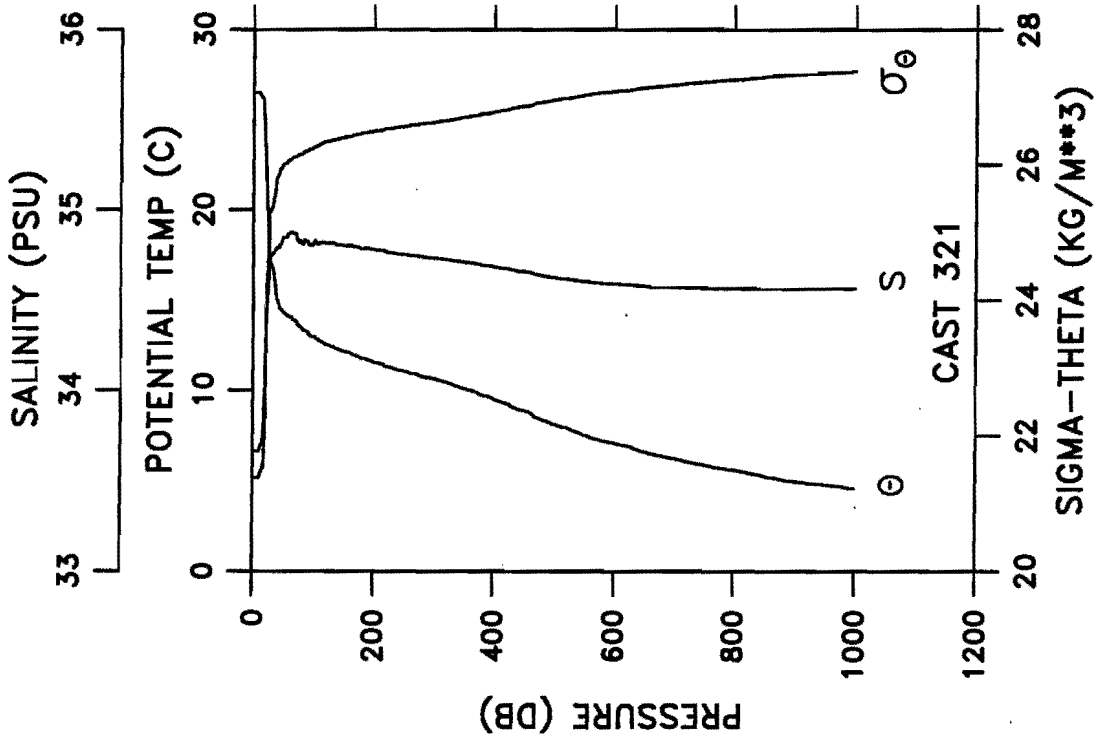
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.484	32.873	21.278	0.000
10	26.491	32.872	21.278	0.065
20	26.474	32.876	21.287	0.130
30	26.480	32.935	21.329	0.195
40	26.478	32.986	21.368	0.259
50	18.297	34.654	24.935	0.311
60	15.481	34.820	25.728	0.336
70	14.119	34.809	26.015	0.357
80	13.640	34.841	26.140	0.376
90	13.202	34.823	26.216	0.395
100	12.915	34.807	26.261	0.413
110	12.609	34.786	26.308	0.430
120	12.416	34.789	26.346	0.448
130	12.211	34.779	26.378	0.464
140	12.120	34.804	26.414	0.481
150	11.938	34.792	26.440	0.497
160	11.792	34.789	26.465	0.513
170	11.689	34.784	26.481	0.529
180	11.576	34.779	26.498	0.545
190	11.358	34.769	26.531	0.561
200	11.234	34.764	26.550	0.576
250	10.783	34.742	26.614	0.651
300	10.327	34.721	26.678	0.723
350	9.896	34.701	26.737	0.794
400	9.433	34.684	26.801	0.861
450	8.952	34.663	26.862	0.926
500	8.451	34.643	26.925	0.988
550	7.827	34.620	27.002	1.047
600	7.443	34.607	27.047	1.104
650	6.957	34.592	27.104	1.158
700	6.540	34.583	27.153	1.210
750	6.118	34.576	27.203	1.259
800	5.836	34.572	27.236	1.307
800	5.229	34.568	27.306	1.397
1000	4.718	34.572	27.368	1.481
1002	4.718	34.571	27.368	1.482

CAST GP6-96-KA-0311 DATE 23 OCT 96 TIME 2200 GMT
 LAT 08 10.1N LONG 94 45.4W WEATHER 1 SEA STATE 2
 BAROMETER 08 WIND DIR 318 T SPD 06 KT VISIBILITY 7
 CLOUD 8 AMOUNT 7 DRY 26.0 WET 24.8 DEPTH 3708 M



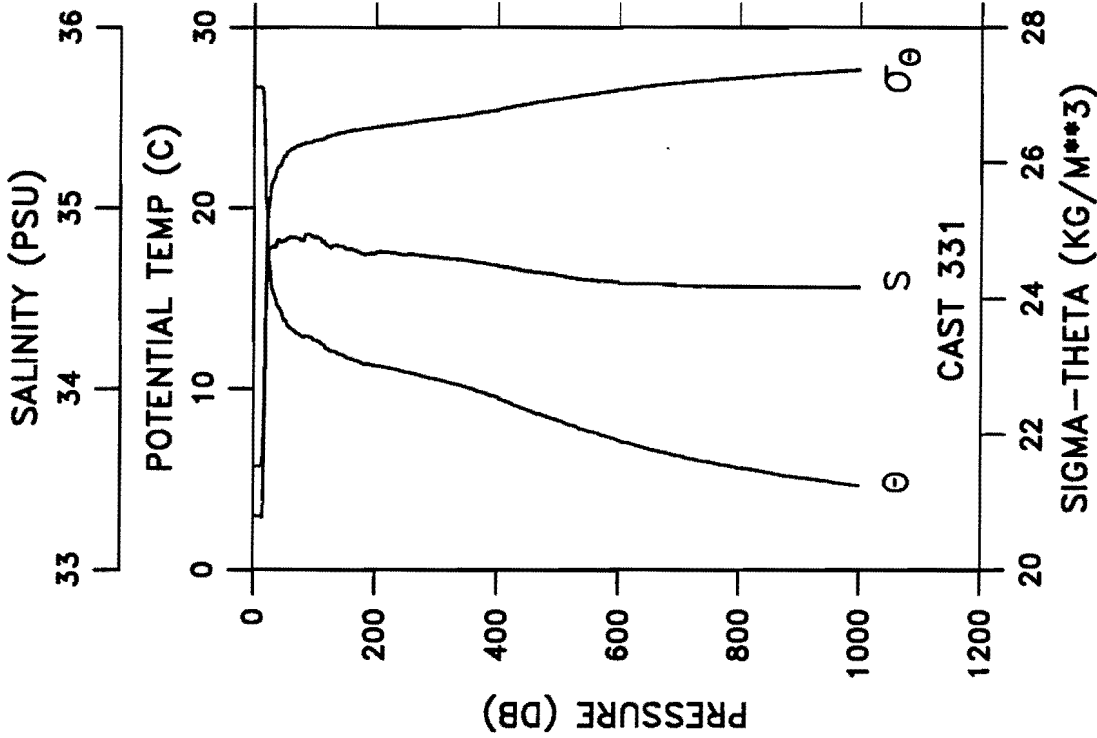
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-O (DTN-M)
0	25.625	33.360	21.914	0.000
10	25.602	33.355	21.917	0.059
20	25.353	33.364	22.001	0.118
30	18.855	34.635	24.780	0.165
40	15.594	34.779	25.670	0.191
50	14.348	34.781	25.944	0.213
60	13.808	34.775	26.054	0.233
70	13.108	34.725	26.159	0.252
80	13.093	34.781	26.205	0.271
90	13.188	34.851	26.240	0.289
100	13.033	34.848	26.269	0.307
110	12.921	34.846	26.290	0.324
120	12.705	34.818	26.312	0.342
130	12.557	34.810	26.334	0.359
140	12.223	34.782	26.377	0.376
150	12.035	34.762	26.398	0.393
160	11.975	34.754	26.403	0.409
170	11.884	34.755	26.421	0.426
180	11.752	34.758	26.449	0.442
190	11.617	34.757	26.473	0.458
200	11.577	34.773	26.493	0.474
250	11.054	34.755	26.576	0.551
300	10.488	34.729	26.656	0.625
350	10.078	34.714	26.715	0.696
400	9.279	34.676	26.820	0.764
450	8.568	34.645	26.909	0.827
500	8.026	34.625	26.976	0.887
550	7.521	34.611	27.039	0.944
600	7.170	34.598	27.079	0.998
650	6.682	34.586	27.136	1.051
700	6.324	34.577	27.176	1.101
750	6.002	34.572	27.214	1.149
800	5.661	34.568	27.254	1.196
900	5.098	34.566	27.320	1.284
1000	4.581	34.569	27.381	1.367
1500	2.985	34.606	27.571	1.720
2000	2.088	34.646	27.681	1.999
2500	1.663	34.667	27.731	2.240
3000	1.591	34.671	27.739	2.476
3002	1.592	34.670	27.739	2.477

CAST GP6-98-KA-0321 DATE 25 OCT 96 TIME 0248 GMT
 LAT 09 00.2N LONG 95 32.7W WEATHER 0 SEA STATE 2
 BAROMETER 10 WIND DIR 067 T SPD 07 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 26.6 WET 24.4 DEPTH 3180 M



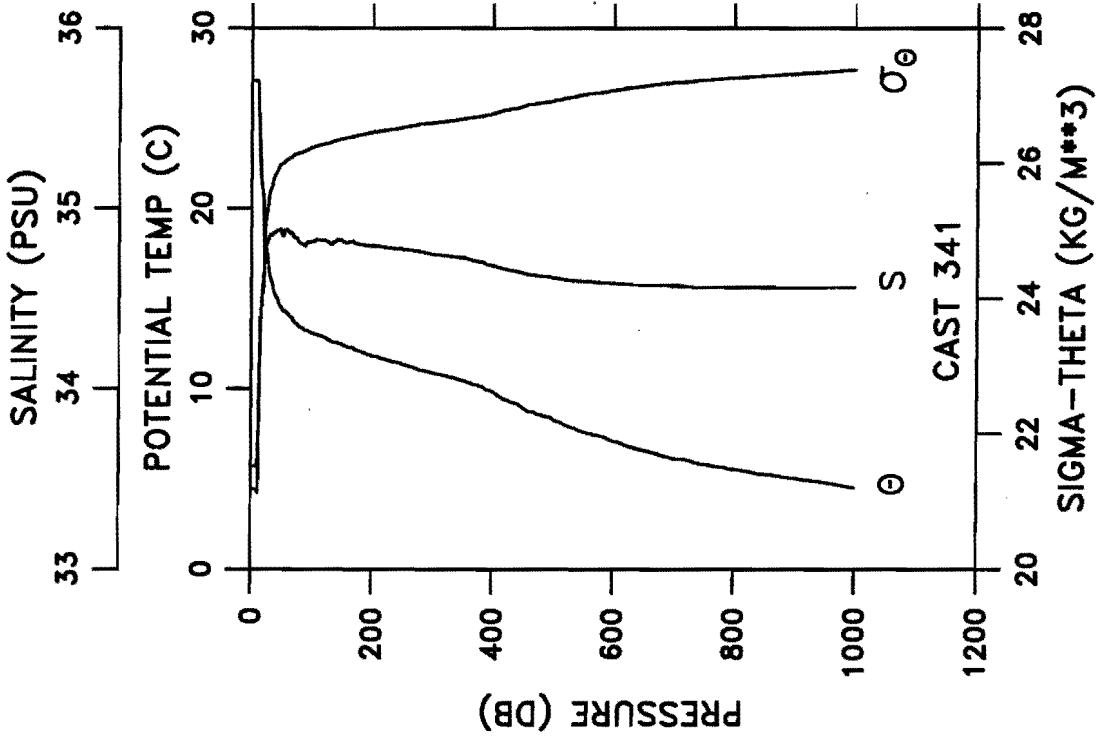
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.495	33.519	21.764	0.000
10	26.493	33.516	21.762	0.060
20	23.728	33.826	22.834	0.118
30	18.996	34.749	25.323	0.152
40	14.992	34.792	25.814	0.177
50	14.308	34.845	26.003	0.197
60	14.068	34.867	26.071	0.217
70	13.833	34.865	26.119	0.236
80	13.445	34.814	26.159	0.255
90	13.236	34.823	26.209	0.274
100	12.961	34.811	26.255	0.292
110	12.727	34.811	26.301	0.309
120	12.529	34.812	26.341	0.327
130	12.417	34.815	26.365	0.344
140	12.278	34.802	26.382	0.360
150	12.154	34.800	26.405	0.377
160	12.076	34.804	26.423	0.393
170	11.912	34.795	26.447	0.410
180	11.750	34.783	26.469	0.426
190	11.687	34.786	26.482	0.442
200	11.559	34.779	26.501	0.458
250	11.080	34.752	26.569	0.535
300	10.685	34.733	26.628	0.610
350	10.132	34.711	26.704	0.682
400	9.544	34.686	26.784	0.751
450	8.903	34.659	26.867	0.816
500	8.134	34.627	26.961	0.877
550	7.517	34.605	27.034	0.934
600	7.080	34.590	27.085	0.989
650	6.817	34.579	27.140	1.041
700	6.240	34.571	27.183	1.091
750	5.887	34.568	27.226	1.139
800	5.610	34.565	27.258	1.185
900	4.971	34.563	27.333	1.273
1000	4.565	34.567	27.381	1.355
1000	4.565	34.567	27.381	1.355

CAST GP8-96-KA-0331 DATE 25 OCT 96 TIME 1030 GMT
 LAT 10 00.8N LONG 96 23.8W WEATHER 0 SEA STATE 2
 BAROMETER 08 WIND DIR 047 T SPD 05 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 26.9 WET 25.1 DEPTH 3954 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.723	33.300	21.527	0.000
10	26.720	33.299	21.527	0.063
20	20.767	34.425	24.120	0.120
30	15.524	34.786	25.892	0.148
40	14.529	34.826	25.941	0.170
50	13.799	34.825	26.095	0.190
60	13.350	34.841	26.199	0.209
70	13.089	34.834	26.247	0.227
80	12.881	34.818	26.277	0.245
90	12.880	34.854	26.304	0.262
100	12.688	34.837	26.329	0.280
110	12.573	34.827	26.344	0.297
120	12.209	34.792	26.388	0.313
130	12.071	34.782	26.414	0.330
140	11.924	34.789	26.440	0.346
150	11.777	34.776	26.458	0.362
160	11.667	34.773	26.477	0.378
170	11.539	34.760	26.490	0.394
180	11.392	34.746	26.507	0.410
190	11.365	34.748	26.513	0.425
200	11.271	34.750	26.532	0.441
250	10.945	34.741	26.584	0.517
300	10.541	34.729	26.647	0.591
350	10.103	34.711	26.709	0.662
400	9.570	34.683	26.777	0.731
450	8.826	34.651	26.873	0.796
500	8.255	34.630	26.945	0.857
550	7.685	34.604	27.010	0.916
600	7.127	34.588	27.077	0.971
650	6.671	34.581	27.134	1.024
700	6.295	34.574	27.178	1.074
750	5.958	34.568	27.217	1.122
800	5.634	34.566	27.255	1.169
900	5.104	34.563	27.316	1.258
1000	4.640	34.565	27.371	1.341
1003	4.633	34.565	27.372	1.343

CAST GP6-96-KA-0341 DATE 25 OCT 96 TIME 1827 GMT
 LAT 11 00.5N LONG 97 13.7W WEATHER 1 SEA STATE 2
 BAROMETER 10 WIND DIR 080 T SPD 04 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 29.0 WET 26.7 DEPTH 4080 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.076	33.446	21.525	0.000
10	27.074	33.443	21.524	0.063
20	20.519	34.557	24.287	0.110
30	16.369	34.848	25.547	0.138
40	15.155	34.866	25.835	0.161
50	14.481	34.874	25.988	0.182
60	14.162	34.882	26.062	0.202
70	13.715	34.839	26.123	0.221
80	13.427	34.809	26.159	0.240
90	13.209	34.798	26.194	0.259
100	13.074	34.815	26.236	0.277
110	12.963	34.823	26.264	0.295
120	12.855	34.822	26.285	0.313
130	12.646	34.802	26.311	0.330
140	12.549	34.818	26.342	0.347
150	12.461	34.820	26.361	0.364
160	12.294	34.807	26.383	0.381
170	12.191	34.807	26.403	0.398
180	12.069	34.798	26.420	0.414
190	11.922	34.793	26.444	0.431
200	11.813	34.791	26.463	0.447
250	11.345	34.771	26.535	0.526
300	10.877	34.744	26.599	0.603
350	10.457	34.726	26.659	0.677
400	9.845	34.683	26.731	0.748
450	8.956	34.640	26.844	0.815
500	8.326	34.616	26.923	0.877
550	7.613	34.595	27.013	0.936
600	7.073	34.583	27.081	0.992
650	6.585	34.575	27.141	1.044
700	6.132	34.569	27.196	1.093
750	5.794	34.563	27.233	1.141
800	5.538	34.561	27.263	1.187
800	5.051	34.560	27.321	1.275
1000	4.516	34.564	27.384	1.358
1500	3.011	34.606	27.570	1.707
2000	2.150	34.643	27.673	1.990
2500	1.724	34.664	27.724	2.237
3000	1.618	34.669	27.736	2.476
3022	1.617	34.669	27.736	2.487

CAST GP6-96-KA-0011 LAT 08 01.1N LONG 110 03.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	27.462	32.888	27.459	20.983	9.	26.835	34.086	26.833	22.083
75.	18.135	34.690	18.122	25.000	198.	13.010	34.894	12.982	26.314
148.	12.265	34.768	12.246	26.363	599.	6.858	34.578	6.801	27.114
300.	10.606	34.724	10.570	26.639	800.	5.520	34.556	5.451	27.270
401.	9.493	34.668	9.447	26.788	1000.	4.615	34.564	4.535	27.382
501.	7.859	34.589	7.808	26.982	1001.	4.614	34.564	4.533	27.382
1000.	4.546	34.565	4.466	27.392					
2500.	1.877	34.667	1.699	27.728					
3001.	1.707	34.676	1.485	27.751					

CAST GP6-96-KA-0031 LAT 03 59.6N LONG 110 05.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	26.835	34.086	26.833	22.083
198.	13.010	34.894	12.982	26.314
599.	6.858	34.578	6.801	27.114
800.	5.520	34.556	5.451	27.270
1000.	4.615	34.564	4.535	27.382
1001.	4.614	34.564	4.533	27.382

CAST GP6-96-KA-0021 LAT 05 00.0N LONG 109 55.5W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.064	34.035	27.062	21.970	10.	25.560	34.171	25.557	22.544
					198.	12.994	34.898	12.967	26.321
					600.	6.687	34.574	6.631	27.133
					798.	5.418	34.561	5.350	27.285
					1002.	4.452	34.563	4.373	27.399
					1002.	4.452	34.563	4.373	27.399

CAST GP6-96-KA-0041 LAT 02 59.9N LONG 110 14.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	25.560	34.171	25.557	22.544
198.	12.994	34.898	12.967	26.321
600.	6.687	34.574	6.631	27.133
798.	5.418	34.561	5.350	27.285
1002.	4.452	34.563	4.373	27.399
1002.	4.452	34.563	4.373	27.399

CAST GP6-96-KA-0051 LAT 02 02.6N LONG 110 06.7W
 CAST GP6-96-KA-0062 LAT 00 01.2N LONG 110 00.1W

CAST GP6-96-KA-0051 LAT 02 02.6N LONG 110 06.7W
 CAST GP6-96-KA-0062 LAT 00 01.2N LONG 110 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	24.947	34.382	24.945	22.889	9.	21.659	34.809	21.657	24.170
200.	12.307	34.859	12.280	26.424	197.	12.735	34.908	12.708	26.382
601.	6.862	34.581	6.805	27.113	298.	11.220	34.797	11.182	26.587
801.	5.360	34.551	5.293	27.283	400.	9.719	34.712	9.673	26.784
1000.	4.475	34.563	4.395	27.395	504.	8.076	34.629	8.024	26.980
1001.	4.474	34.563	4.395	27.395	502.	8.077	34.627	8.026	26.980

CAST GP6-96-KA-0071 LAT 00 59.8S LONG 109 59.9W

CAST GP6-96-KA-0061 LAT 00 02.2N LONG 110 03.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	21.566	34.778	21.563	24.173	9.	22.477	34.851	22.476	23.973
200.	12.867	34.924	12.840	26.369	200.	12.299	34.873	12.273	26.438
301.	11.321	34.810	11.283	26.574	599.	7.020	34.582	6.962	27.093
500.	8.039	34.629	7.987	26.985	800.	5.398	34.544	5.330	27.275
800.	5.531	34.557	5.462	27.268	1001.	4.299	34.559	4.221	27.410
999.	4.497	34.557	4.418	27.391	1002.	4.299	34.557	4.221	27.411
1485.	3.039	34.603	2.932	27.576					
1999.	2.235	34.643	2.095	27.679					
2501.	1.855	34.663	1.678	27.728					
3003.	1.699	34.675	1.478	27.751					
3001.	1.699	34.674	1.478	27.751					

CAST GP6-96-KA-0081 LAT 02 01.6S LONG 110 01.0W CAST GP6-96-KA-0101 LAT 04 00.1S LONG 109 59.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	22.580	34.855	22.578	23.944	10.	23.128	34.831	23.125	23.771
201.	12.866	34.911	12.839	26.357	200.	12.848	34.913	12.820	26.362
601.	6.947	34.589	6.890	27.109	598.	7.367	34.602	7.308	27.062
799.	5.371	34.548	5.303	27.281	798.	5.490	34.544	5.422	27.262
1001.	4.469	34.559	4.389	27.393	1001.	4.444	34.547	4.364	27.386
1001.	4.466	34.558	4.387	27.393	1001.	4.444	34.546	4.365	27.385

CAST GP6-96-KA-0091 LAT 02 59.0S LONG 109 59.0W CAST GP6-96-KA-0111 LAT 05 00.1S LONG 110 01.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	22.608	34.829	22.606	23.919	11.	23.714	34.987	23.711	23.719
200.	12.941	34.916	12.914	26.348	200.	12.784	34.905	12.757	26.371
601.	6.893	34.579	6.836	27.111	600.	7.580	34.611	7.520	27.041
800.	5.451	34.549	5.383	27.272	802.	5.618	34.545	5.549	27.251
1000.	4.448	34.559	4.369	27.396	1000.	4.372	34.547	4.294	27.395
999.	4.451	34.558	4.371	27.395	1001.	4.372	34.547	4.293	27.396

CAST GP6-96-KA-0121 LAT 05 59.7S LONG 109 57.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
602.	6.907	34.583	6.850	27.112
801.	5.461	34.546	5.392	27.269
1002.	4.475	34.548	4.395	27.385
1001.	4.475	34.547	4.396	27.384

CAST GP6-96-KA-0141 LAT 07 59.3S LONG 109 58.5W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	24.503	35.500	24.501	23.873
101.	21.802	35.840	21.782	24.914
199.	12.361	34.899	12.334	26.448
300.	10.918	34.805	10.881	26.647
599.	6.969	34.581	6.911	27.102
798.	5.494	34.539	5.426	27.261
1000.	4.495	34.545	4.415	27.380
1500.	2.961	34.598	2.854	27.578
1998.	2.227	34.642	2.087	27.678
2501.	1.877	34.666	1.698	27.728
3000.	1.760	34.675	1.538	27.747
3000.	1.760	34.674	1.537	27.747

CAST GP6-96-KA-0131 LAT 06 59.9S LONG 109 56.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	23.871	35.182	23.869	23.821
199.	12.603	34.912	12.576	26.412
600.	6.827	34.575	6.771	27.116
800.	5.257	34.535	5.189	27.285
1001.	4.274	34.547	4.197	27.406
1000.	4.273	34.547	4.195	27.406

CAST GP6-96-KA-0151 LAT 07 51.3S LONG 95 06.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
12.	22.178	35.352	22.176	24.434
201.	13.116	34.933	13.089	26.323
601.	7.222	34.591	7.164	27.073
797.	5.475	34.543	5.407	27.263
1003.	4.531	34.546	4.451	27.375
1003.	4.530	34.545	4.450	27.375

CAST GP6-96-KA-0161 LAT 06 59.8S LONG 95 04.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	22.019	35.192	22.017	24.358	10.	21.327	34.992	21.325	24.398
199.	12.354	34.897	12.327	26.446	200.	12.887	34.919	12.860	26.357
582.	7.384	34.603	7.327	27.060	599.	7.104	34.593	7.046	27.090
800.	5.617	34.548	5.548	27.250	799.	5.686	34.560	5.616	27.250
1002.	4.607	34.547	4.527	27.368	1002.	4.541	34.559	4.461	27.386
1002.	4.607	34.546	4.527	27.368	1001.	4.546	34.558	4.466	27.385

CAST GP6-96-KA-0181 LAT 04 58.9S LONG 95 05.1W

CAST GP6-96-KA-0171 LAT 05 59.9S LONG 95 05.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	21.941	35.202	21.939	24.388	10.	20.050	34.724	20.049	24.539
201.	12.454	34.892	12.427	26.423	198.	13.066	34.931	13.039	26.334
601.	7.003	34.587	6.945	27.101	601.	7.378	34.608	7.318	27.066
801.	5.449	34.554	5.380	27.276	799.	5.541	34.554	5.473	27.266
1001.	4.598	34.551	4.517	27.373	1000.	4.400	34.551	4.321	27.396
1001.	4.599	34.551	4.519	27.373	999.	4.402	34.551	4.323	27.395

CAST GP6-96-KA-0191 LAT 04 00.0S LONG 95 05.6W

CAST GP6-96-KA-0201 LAT 02 59.3S LONG 95 06.1W
 CAST GP6-96-KA-0212 LAT 01 59.4S LONG 95 01.3W

CAST GP6-96-KA-0201 LAT 02 59.3S LONG 95 06.1W
 CAST GP6-96-KA-0212 LAT 01 59.4S LONG 95 01.3W

CAST GP6-96-KA-0201 LAT 02 59.3S LONG 95 06.1W
 CAST GP6-96-KA-0212 LAT 01 59.4S LONG 95 01.3W

CAST GP6-96-KA-0221 LAT 00 59.9S LONG 95 08.8W

CAST GP6-96-KA-0211 LAT 01 58.2S LONG 95 08.5W
 CAST GP6-96-KA-0221 LAT 00 59.9S LONG 95 08.8W

CAST GP6-96-KA-0211 LAT 01 58.2S LONG 95 08.5W
 CAST GP6-96-KA-0221 LAT 00 59.9S LONG 95 08.8W

CAST GP6-96-KA-0231 LAT 00 02.2N LONG 95 09.8W CAST GP6-96-KA-0251 LAT 01 53.1N LONG 94 53.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	21.335	34.394	21.333	23.944	11.	25.336	33.436	25.334	22.058
100.	13.794	34.938	13.780	26.187	200.	13.439	34.935	13.411	26.260
199.	13.137	34.928	13.109	26.316	300.	11.914	34.816	11.875	26.470
302.	10.924	34.780	10.887	26.626	401.	9.407	34.696	9.362	26.822
351.	9.704	34.715	9.664	26.787	501.	8.230	34.635	8.178	26.961
500.	7.921	34.622	7.870	26.998	801.	5.647	34.562	5.577	27.260
1001.	4.746	34.554	4.665	27.361	999.	4.636	34.566	4.556	27.382
1501.	3.025	34.609	2.917	27.579	1500.	3.145	34.607	3.036	27.568
2000.	2.279	34.642	2.138	27.674	1999.	2.374	34.639	2.232	27.663
2501.	1.863	34.666	1.685	27.728	2297.	2.011	34.656	1.849	27.708
2999.	1.742	34.676	1.520	27.748	2500.	1.918	34.662	1.739	27.721
2999.	1.742	34.676	1.520	27.748	2501.	1.917	34.663	1.738	27.721

CAST GP6-96-KA-0241 LAT 01 00.0N LONG 94 55.2W CAST GP6-96-KA-0261 LAT 02 59.8N LONG 94 57.6W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	23.795	34.033	23.793	22.968	10.	26.068	33.479	26.066	21.865
200.	12.971	34.914	12.944	26.338	199.	13.083	34.915	13.055	26.317
600.	7.369	34.600	7.310	27.060	601.	7.104	34.591	7.046	27.091
801.	5.600	34.561	5.530	27.264	800.	5.431	34.557	5.363	27.281
1001.	4.657	34.562	4.576	27.375	998.	4.573	34.566	4.493	27.389
1000.	4.658	34.562	4.577	27.375	999.	4.570	34.568	4.490	27.389

CAST GP6-96-KA-0271 LAT 04 00.0N LONG 94 55.0W CAST GP6-96-KA-0291 LAT 05 59.6N LONG 94 50.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	26.189	33.702	26.187	21.998	9.	26.562	33.104	26.560	21.428
198.	12.391	34.849	12.364	26.403	200.	11.442	34.737	11.417	26.494
600.	7.101	34.595	7.043	27.095	600.	7.162	34.593	7.104	27.084
798.	5.665	34.564	5.595	27.260	799.	5.590	34.564	5.521	27.268
999.	4.577	34.564	4.497	27.387	1003.	4.594	34.570	4.513	27.389
999.	4.575	34.565	4.495	27.387	1003.	4.594	34.569	4.513	27.389

CAST GP6-96-KA-0281 LAT 05 04.8N LONG 94 53.2W CAST GP6-96-KA-0301 LAT 06 59.9N LONG 94 49.0W

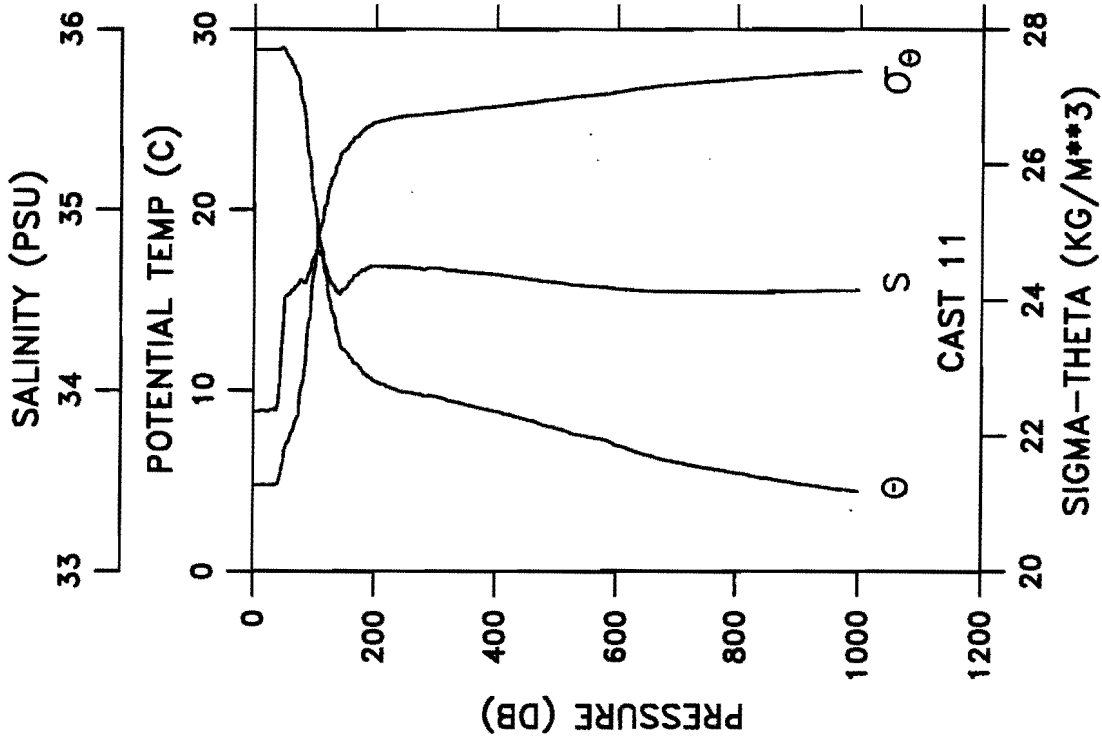
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	26.358	33.401	26.355	21.717	200.	11.276	34.758	11.251	26.544
201.	12.236	34.840	12.209	26.424	600.	7.509	34.602	7.450	27.044
300.	11.111	34.756	11.074	26.573	800.	5.904	34.571	5.833	27.235
501.	8.074	34.621	8.022	26.973	1001.	4.801	34.570	4.719	27.368
601.	6.981	34.589	6.923	27.107	1001.	4.800	34.570	4.718	27.368
800.	5.413	34.564	5.345	27.289					
1000.	4.543	34.571	4.463	27.395					
1500.	3.084	34.615	2.975	27.578					
2001.	2.273	34.645	2.132	27.676					
2501.	1.841	34.667	1.663	27.731					
3001.	1.802	34.671	1.579	27.740					
3001.	1.803	34.675	1.579	27.740					

CAST GP6-96-KA-0311		LAT 08 10.1N		LONG 94 45.4W		CAST GP6-96-KA-0331		LAT 10 00.8N		LONG 96 23.8W	
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)		
11.	25.629	33.369	25.627	21.922	10.	26.713	33.315	26.710	21.531		
301.	10.447	34.722	10.411	26.665	200.	11.328	34.744	11.303	26.524		
394.	9.360	34.673	9.316	26.813	601.	7.162	34.585	7.104	27.077		
500.	8.035	34.619	7.984	26.979	797.	5.707	34.565	5.638	27.254		
599.	7.172	34.593	7.114	27.083	991.	4.772	34.565	4.691	27.365		
799.	5.716	34.566	5.646	27.255	993.	4.766	34.564	4.685	27.365		
999.	4.665	34.570	4.584	27.381							
1500.	3.135	34.604	3.025	27.567							
1999.	2.258	34.646	2.118	27.678							
2500.	1.846	34.666	1.669	27.730							
3002.	1.815	34.670	1.592	27.739							
3001.	1.816	34.671	1.592	27.739							

CAST GP6-96-KA-0321		LAT 09 00.2N		LONG 95 32.7W		CAST GP6-96-KA-0341		LAT 11 00.5N		LONG 97 13.7W	
PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)		
10.	26.592	33.508	26.590	21.719	10.	22.230	34.367	22.229	23.622		
201.	11.668	34.779	11.642	26.486	200.	11.814	34.786	11.788	26.464		
601.	7.085	34.586	7.027	27.090	400.	9.654	34.667	9.609	26.758		
800.	5.658	34.564	5.589	27.260	500.	8.115	34.604	8.063	26.953		
1000.	4.640	34.567	4.560	27.381	600.	7.030	34.579	6.973	27.090		
1001.	4.640	34.567	4.559	27.382	801.	5.512	34.559	5.443	27.274		
					1000.	4.569	34.563	4.489	27.387		
					1501.	3.080	34.606	2.972	27.574		
					2001.	2.289	34.643	2.148	27.673		
					2497.	1.902	34.663	1.724	27.723		
					3020.	1.844	34.670	1.617	27.736		
					3020.	1.844	34.669	1.617	27.736		

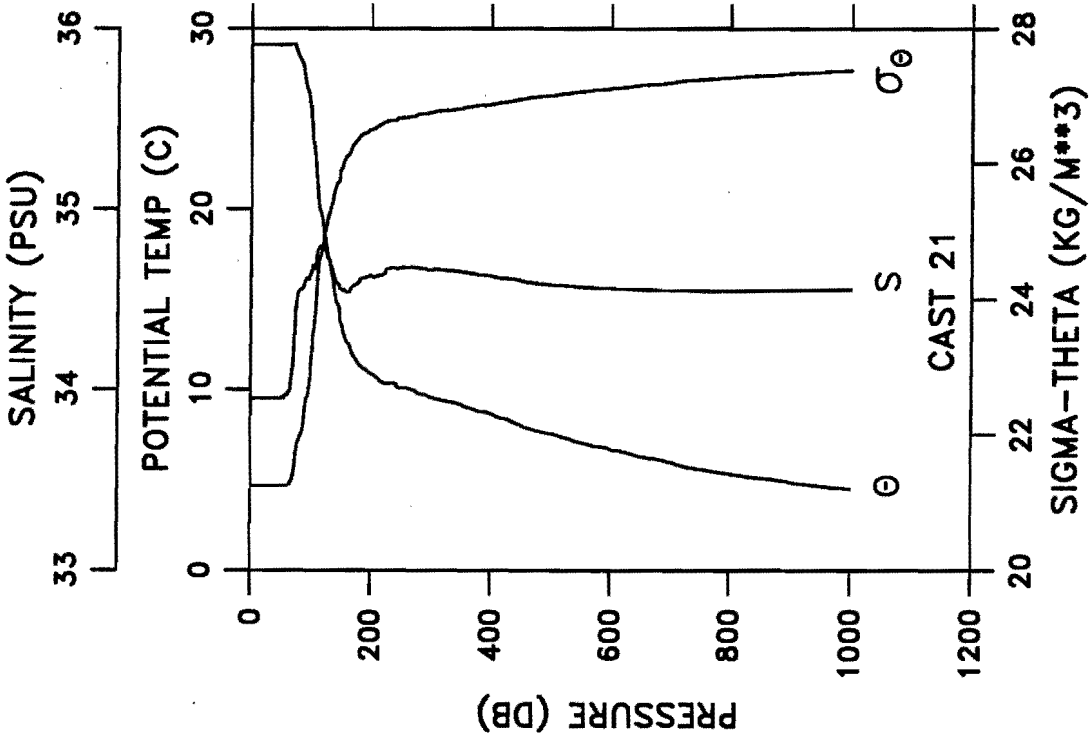
GP7-96-KA
November 22-December 18, 1996
CTD and Hydrographic Data Summary

CAST GP7-96-KA-0011 DATE 27 NOV 96 TIME 0846 GMT
 LAT 08 00.6N LONG 170 04.7W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 067 T SPD 19 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 28.1 WET 25.4 DEPTH 5460 M



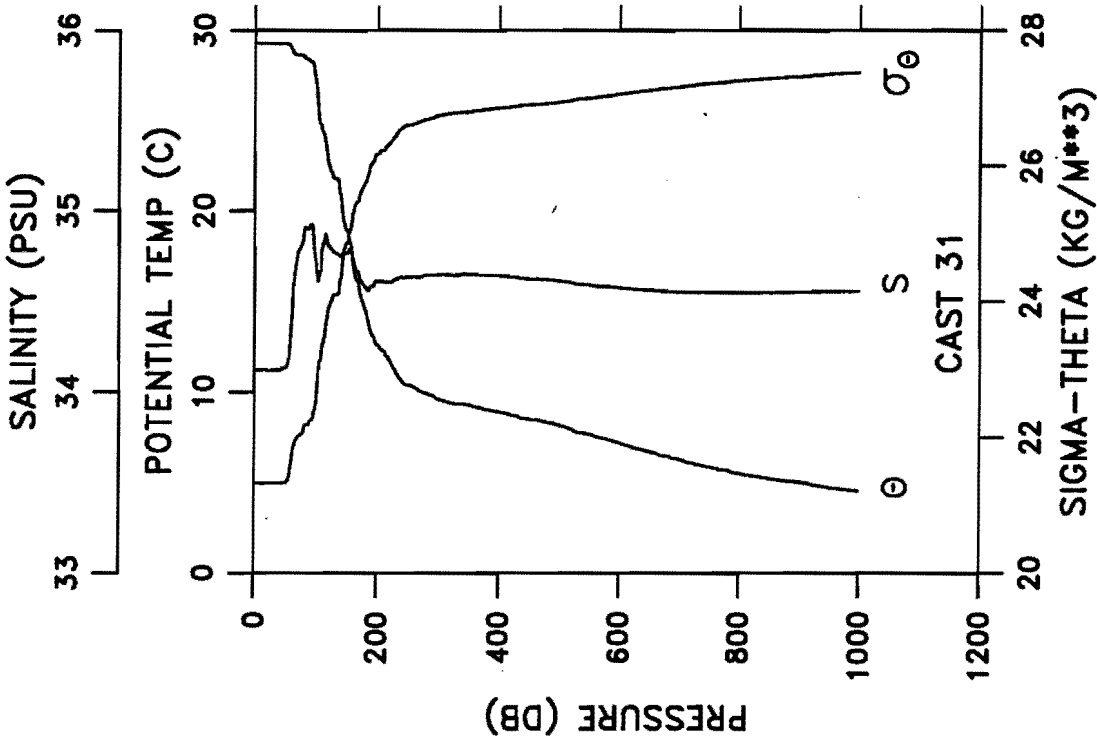
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.858	33.885	21.276	0.000
10	28.862	33.886	21.276	0.065
20	28.866	33.888	21.276	0.130
30	28.870	33.895	21.281	0.195
40	28.885	33.926	21.298	0.261
50	28.833	34.470	21.724	0.324
60	28.227	34.540	21.977	0.384
70	27.534	34.575	22.229	0.441
80	25.889	34.603	22.770	0.495
90	23.041	34.646	23.655	0.542
100	20.491	34.740	24.434	0.581
110	18.055	34.758	25.073	0.613
120	16.254	34.684	25.432	0.640
130	14.288	34.583	25.803	0.663
140	12.978	34.538	26.040	0.685
150	12.245	34.559	26.200	0.704
160	11.806	34.806	26.320	0.721
170	11.484	34.637	26.405	0.738
180	11.072	34.666	26.502	0.754
190	10.771	34.678	26.567	0.770
200	10.520	34.689	26.620	0.785
250	9.916	34.680	26.717	0.855
300	9.235	34.678	26.756	0.923
350	8.415	34.656	26.811	0.989
400	8.870	34.642	26.859	1.053
450	8.415	34.619	26.912	1.116
500	7.919	34.597	26.970	1.175
550	7.470	34.579	27.021	1.232
600	6.956	34.564	27.082	1.288
650	6.445	34.552	27.141	1.340
700	6.041	34.547	27.189	1.389
750	5.729	34.546	27.228	1.437
800	5.447	34.547	27.263	1.483
900	4.876	34.551	27.334	1.570
1000	4.448	34.557	27.386	1.652
1500	2.982	34.599	27.567	2.000
2000	2.066	34.639	27.677	2.280
2500	1.694	34.660	27.723	2.526
3000	1.462	34.671	27.749	2.760
3002	1.462	34.670	27.748	2.761

CAST GP7-96-KA-0021 DATE 28 NOV 96 TIME 0630 GMT
 LAT 07 00.6N LONG 169 58.3W WEATHER 2 SEA STATE 4
 BAROMETER 09 WIND DIR 062 T SPD 16 KT VISIBILITY 6
 CLOUD X AMOUNT 8 DRY 27.4 WET 24.5 DEPTH 5820 M



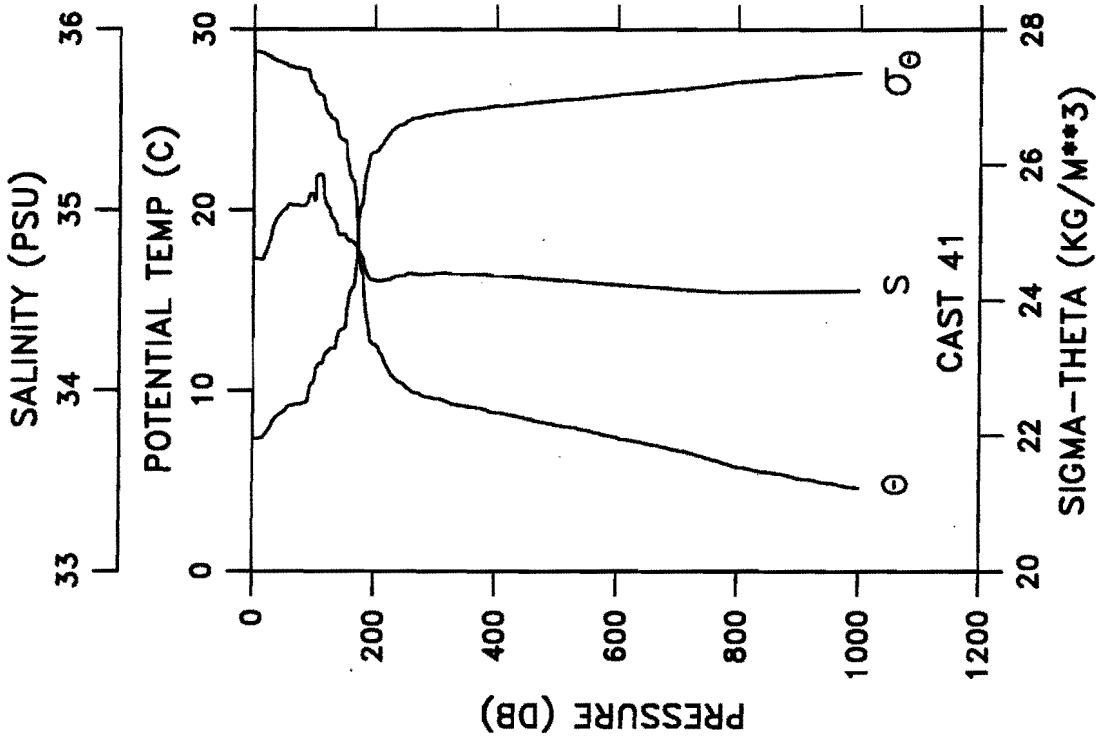
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.106	33.952	21.245	0.000
10	29.107	33.952	21.244	0.065
20	29.105	33.952	21.244	0.131
30	29.104	33.952	21.245	0.196
40	29.102	33.951	21.245	0.262
50	29.096	33.951	21.247	0.327
60	29.123	33.969	21.252	0.393
70	29.156	34.131	21.362	0.458
80	28.402	34.545	21.923	0.520
90	27.126	34.592	22.372	0.578
100	25.169	34.643	23.022	0.630
110	21.572	34.749	24.148	0.674
120	19.120	34.794	24.834	0.707
130	17.172	34.718	25.258	0.737
140	15.213	34.609	25.624	0.762
150	13.636	34.556	25.921	0.785
160	12.565	34.538	26.121	0.805
170	11.852	34.577	26.289	0.824
180	11.356	34.601	26.400	0.841
190	11.120	34.621	26.459	0.857
200	10.868	34.630	26.512	0.873
250	10.096	34.674	26.682	0.947
300	9.576	34.663	26.761	1.016
350	9.182	34.654	26.818	1.081
400	8.680	34.630	26.880	1.144
450	8.038	34.602	26.956	1.205
500	7.546	34.580	27.011	1.262
550	7.062	34.569	27.071	1.317
600	6.662	34.561	27.119	1.370
650	6.264	34.554	27.167	1.421
700	5.962	34.551	27.203	1.469
750	5.584	34.547	27.247	1.516
800	5.327	34.547	27.278	1.561
900	4.853	34.552	27.337	1.647
1000	4.473	34.557	27.383	1.729
1005	4.443	34.557	27.387	1.733

CAST GP7-96-KA-0031 DATE 28 NOV 96 TIME 1445 GMT
 LAT 06 01.1N LONG 169 56.5W WEATHER 2 SEA STATE 4
 BAROMETER 08 WIND DIR 096 T SPD 23 KT VISIBILITY 6
 CLOUD X AMOUNT 8 DRY 25.1 WET 22.3 DEPTH 5400 M



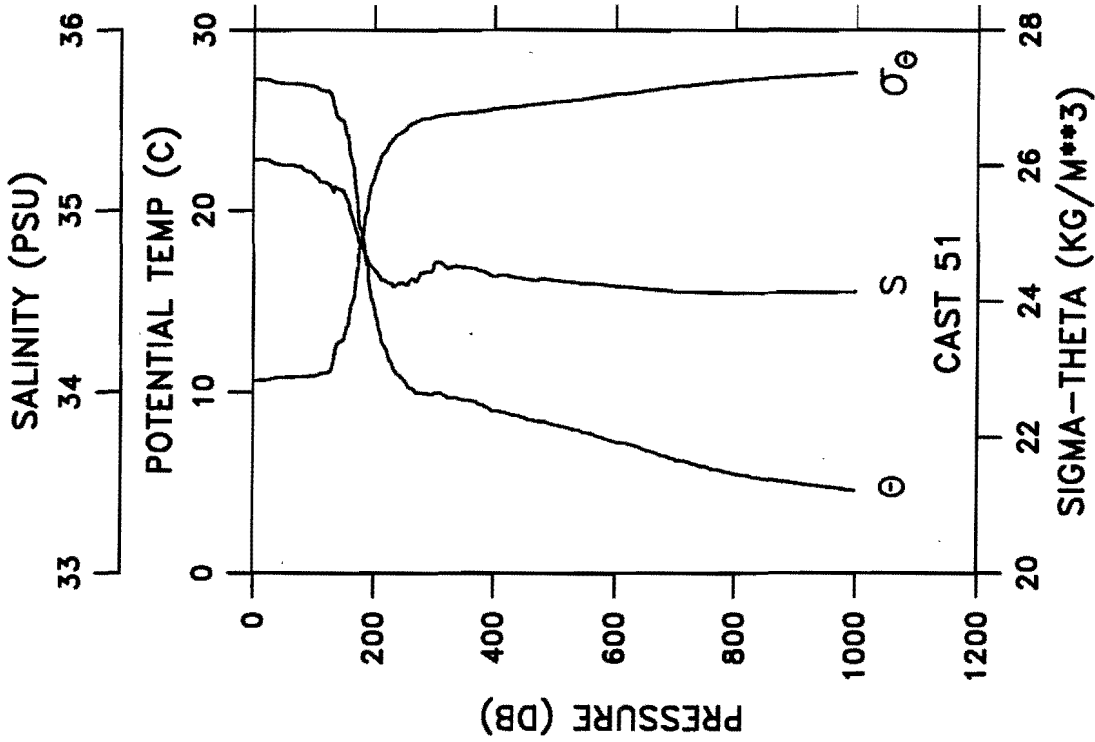
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.275	34.123	21.316	0.000
10	29.279	34.122	21.314	0.065
20	29.284	34.123	21.313	0.129
30	29.282	34.121	21.312	0.194
40	29.273	34.120	21.315	0.259
50	29.279	34.136	21.324	0.324
60	28.986	34.351	21.584	0.388
70	28.650	34.740	21.988	0.448
80	28.586	34.837	22.082	0.506
90	28.312	34.914	22.230	0.563
100	27.144	34.736	22.475	0.618
110	24.495	34.772	23.323	0.668
120	22.787	34.813	23.854	0.712
130	21.804	34.772	24.101	0.752
140	20.916	34.755	24.332	0.790
150	18.858	34.766	24.854	0.824
160	17.255	34.743	25.257	0.853
170	15.933	34.651	25.495	0.890
180	14.596	34.583	25.739	0.903
190	13.275	34.584	26.016	0.925
200	12.595	34.614	26.175	0.945
250	10.391	34.635	26.600	1.029
300	9.613	34.647	26.742	1.100
350	9.305	34.651	26.796	1.167
400	8.914	34.642	26.852	1.231
450	8.510	34.627	26.903	1.294
500	8.185	34.613	26.943	1.355
550	7.684	34.592	27.000	1.413
600	7.191	34.576	27.059	1.469
650	6.702	34.563	27.115	1.522
700	6.251	34.553	27.167	1.573
750	5.839	34.551	27.218	1.622
800	5.484	34.549	27.260	1.668
900	4.993	34.551	27.320	1.756
1000	4.493	34.559	27.383	1.838
1001	4.491	34.559	27.383	1.839

CAST GP7-96-KA-0041 DATE 29 NOV 96 TIME 0025 GMT
 LAT 05 02.2N LONG 169 56.0W WEATHER 2 SEA STATE 3
 BAROMETER 09 WIND DIR 103 T SPD 12 KT VISIBILITY 7
 CLOUD 6 AMOUNT 4 DRY 28.6 WET 25.0 DEPTH 5580 M



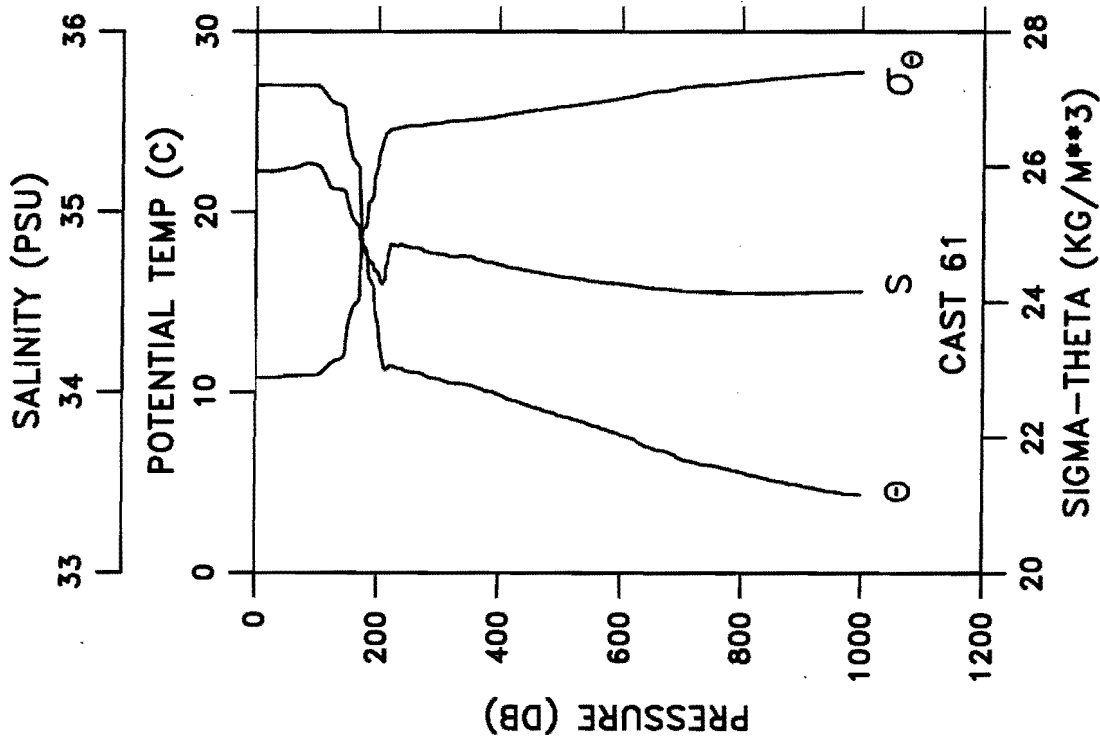
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.759	34.733	21.946	0.000
10	28.725	34.729	21.955	0.059
20	28.589	34.765	22.023	0.117
30	28.415	34.864	22.158	0.174
40	28.225	34.960	22.293	0.230
50	28.115	34.999	22.359	0.286
60	27.940	35.031	22.439	0.340
70	27.860	35.028	22.464	0.394
80	27.811	35.023	22.476	0.448
90	27.735	35.052	22.523	0.502
100	26.852	35.064	22.815	0.554
110	26.380	35.198	23.086	0.603
120	25.474	35.032	23.222	0.651
130	25.074	34.955	23.286	0.697
140	24.127	34.868	23.506	0.743
150	23.851	34.864	23.584	0.787
160	21.885	34.829	24.122	0.828
170	20.302	34.814	24.541	0.866
180	16.432	34.736	25.445	0.894
190	13.408	34.630	26.024	0.916
200	12.533	34.610	26.183	0.935
250	10.271	34.638	26.623	1.017
300	9.538	34.650	26.756	1.087
350	9.155	34.643	26.814	1.153
400	8.779	34.636	26.869	1.217
450	8.445	34.625	26.912	1.279
500	8.084	34.612	26.955	1.339
550	7.793	34.600	26.990	1.398
600	7.380	34.586	27.040	1.454
650	7.024	34.575	27.081	1.509
700	6.670	34.561	27.118	1.562
750	6.242	34.550	27.166	1.614
800	5.748	34.545	27.225	1.663
900	5.121	34.547	27.302	1.754
1000	4.611	34.555	27.366	1.838
1002	4.596	34.555	27.368	1.840

CAST GP7-96-KA-0051 DATE 29 NOV 96 TIME 0826 GMT
 LAT 04 00.8N LONG 169 56.9W WEATHER 0 SEA STATE 3
 BAROMETER 10 WIND DIR 065 T SPD 03 KT VISIBILITY 6
 CLOUD X AMOUNT 1 DRY 27.5 WET 24.5 DEPTH 5480 M



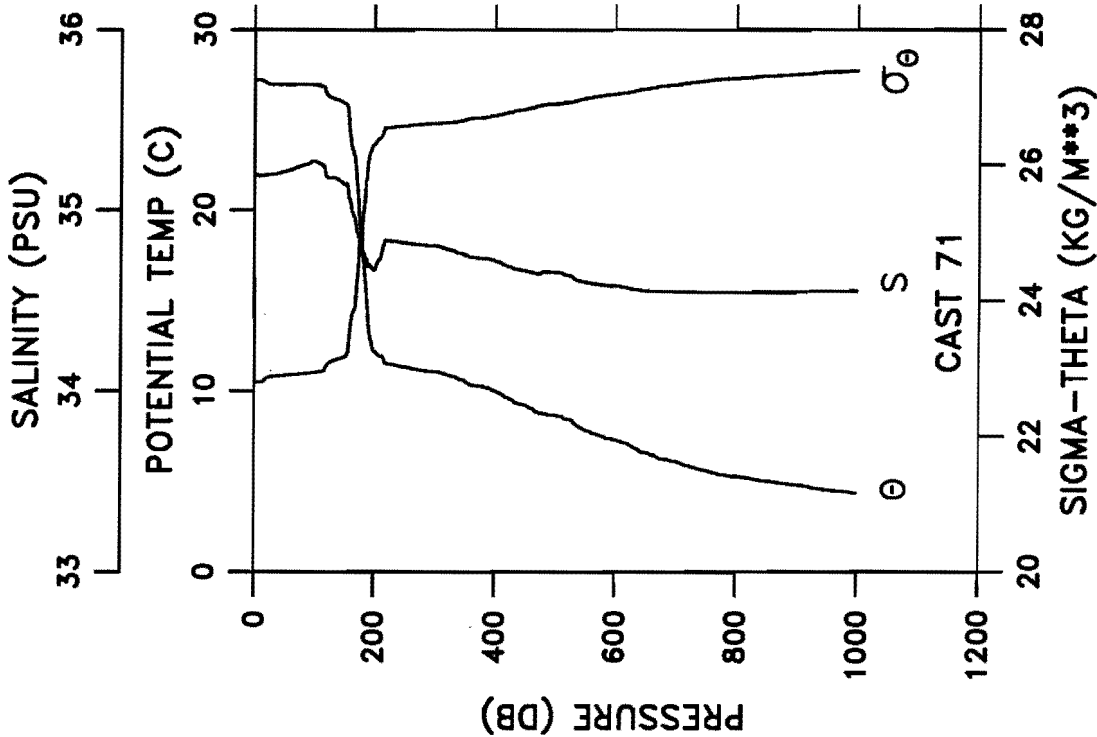
PRES (DB)	POT TEMP (C)	SAL (FSU)	SIG-TH	DELTA-D (DYN-M)
0	27.287	35.283	22.841	0.000
10	27.284	35.283	22.842	0.050
20	27.270	35.281	22.845	0.100
30	27.180	35.269	22.865	0.150
40	27.093	35.259	22.885	0.200
50	27.062	35.250	22.899	0.250
60	27.055	35.250	22.881	0.300
70	27.040	35.246	22.892	0.350
80	27.017	35.239	22.895	0.400
90	26.950	35.217	22.899	0.450
100	26.884	35.200	22.908	0.500
110	26.690	35.158	22.938	0.548
120	26.632	35.155	22.953	0.598
130	26.300	35.127	23.038	0.648
140	25.163	35.121	23.384	0.695
150	24.879	35.100	23.456	0.741
160	23.254	35.003	23.864	0.784
170	21.278	34.896	24.340	0.823
180	18.938	34.803	24.888	0.856
190	16.790	34.724	25.353	0.885
200	14.718	34.679	25.787	0.909
250	10.679	34.597	26.519	0.999
300	9.940	34.702	26.730	1.071
350	9.580	34.686	26.778	1.139
400	8.973	34.640	26.840	1.205
450	8.613	34.625	26.886	1.268
500	8.193	34.615	26.943	1.329
550	7.764	34.598	26.993	1.388
600	7.207	34.583	27.061	1.444
650	6.787	34.571	27.110	1.488
700	6.284	34.555	27.167	1.549
750	5.854	34.548	27.214	1.598
800	5.462	34.547	27.261	1.644
900	4.955	34.547	27.322	1.732
1000	4.544	34.554	27.373	1.815
1003	4.536	34.554	27.374	1.818

CAST GP7-96-KA-0061 DATE 29 NOV 96 TIME 1637 GMT
 LAT 03 00.1N LONG 169 59.0W WEATHER 0 SEA STATE 3
 BAROMETER 09 WIND DIR 051 T SPD 05 KT VISIBILITY 6
 CLOUD X AMOUNT 1 DRY 26.3 WET 23.4 DEPTH 5460 M



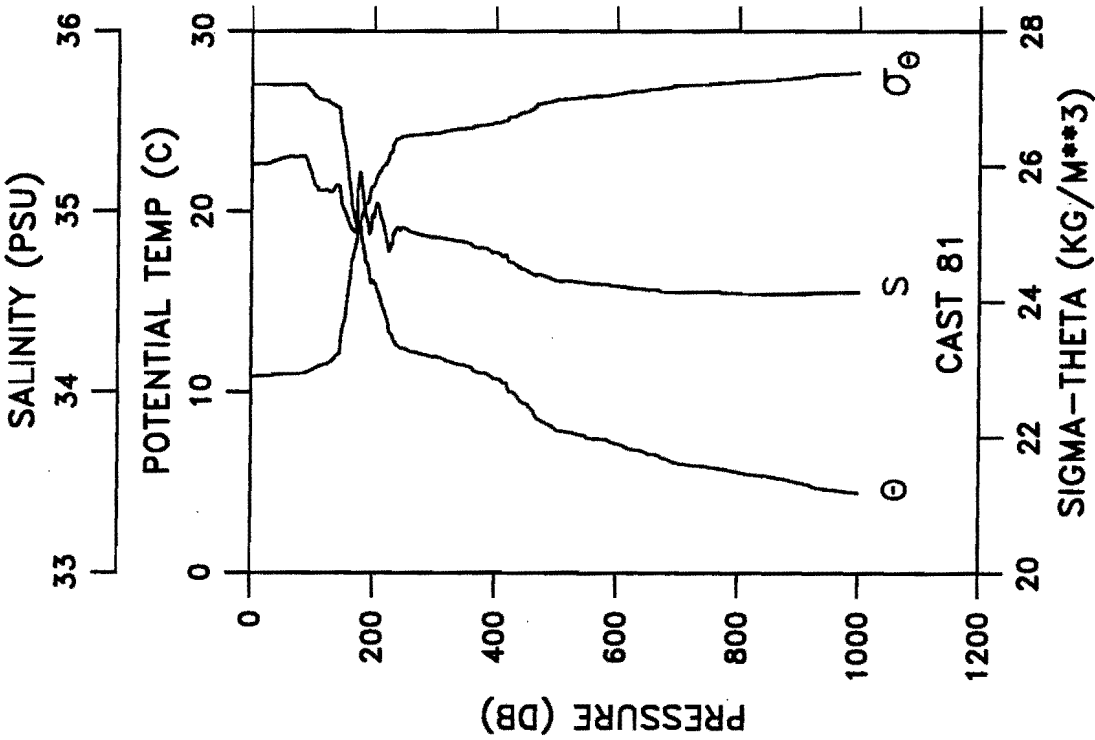
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.006	35.225	22.887	0.000
10	27.003	35.223	22.887	0.050
20	27.011	35.224	22.885	0.099
30	27.017	35.224	22.883	0.149
40	27.010	35.230	22.890	0.199
50	26.993	35.238	22.901	0.249
60	26.986	35.239	22.905	0.298
70	26.994	35.250	22.910	0.348
80	27.004	35.263	22.917	0.398
90	27.001	35.265	22.920	0.448
100	26.961	35.257	22.926	0.497
110	26.705	35.221	22.980	0.547
120	26.226	35.145	23.074	0.596
130	25.984	35.126	23.135	0.644
140	25.853	35.122	23.173	0.692
150	24.122	35.054	23.648	0.738
160	22.876	34.955	23.837	0.779
170	22.153	34.880	24.085	0.819
180	17.962	34.772	25.108	0.850
190	16.019	34.716	25.525	0.877
200	13.786	34.862	25.971	0.900
250	11.162	34.805	26.594	0.980
300	10.750	34.786	26.639	1.054
350	10.403	34.750	26.688	1.126
400	9.876	34.707	26.744	1.196
450	9.250	34.671	26.821	1.263
500	8.703	34.640	26.884	1.328
550	8.189	34.615	26.943	1.390
600	7.619	34.598	27.014	1.449
650	6.901	34.575	27.098	1.504
700	6.281	34.560	27.169	1.558
750	5.944	34.553	27.206	1.604
800	5.557	34.548	27.251	1.651
850	4.838	34.549	27.336	1.739
900	4.329	34.558	27.400	1.819
1000	4.326	34.557	27.400	1.820

CAST GP7-96-KA-0071 DATE 30 NOV 96 TIME 1027 GMT
 LAT 01 59.9N LONG 169 58.3W WEATHER 0 SEA STATE 3
 BAROMETER 10 WIND DIR 356 T SPD 08 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 27.1 WET 24.4 DEPTH 5350 M



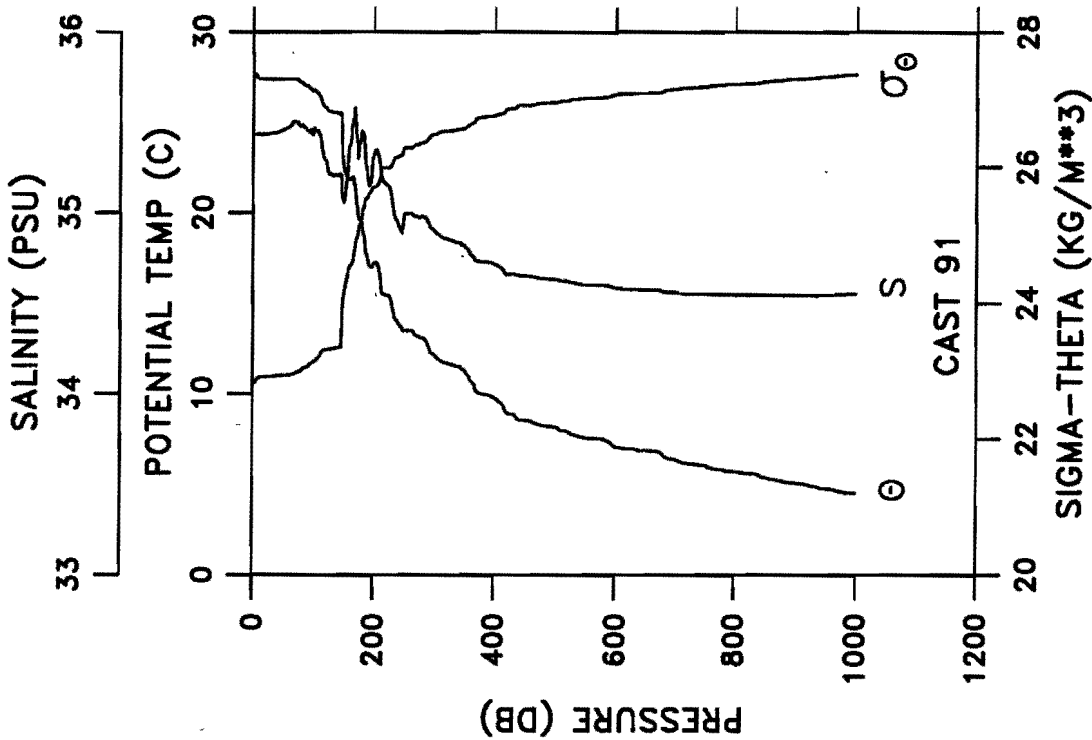
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.204	35.197	22.803	0.000
10	27.201	35.193	22.801	0.050
20	27.026	35.195	22.859	0.101
30	26.959	35.189	22.883	0.151
40	26.944	35.204	22.892	0.200
50	26.944	35.213	22.898	0.250
60	26.941	35.224	22.907	0.300
70	26.947	35.237	22.915	0.350
80	26.945	35.248	22.924	0.399
90	26.946	35.258	22.931	0.449
100	26.937	35.269	22.943	0.499
110	26.856	35.252	22.956	0.548
120	26.390	35.182	23.053	0.597
130	26.183	35.180	23.114	0.646
140	26.068	35.170	23.142	0.693
150	25.901	35.142	23.173	0.741
160	24.017	35.037	23.666	0.787
170	21.910	34.897	24.166	0.828
180	18.075	34.773	25.081	0.862
190	13.545	34.692	26.044	0.886
200	12.202	34.668	26.293	0.905
250	11.343	34.818	26.572	0.984
300	11.071	34.802	26.609	1.059
350	10.568	34.752	26.660	1.133
400	10.012	34.720	26.731	1.204
450	9.224	34.666	26.821	1.272
500	8.680	34.656	26.900	1.335
550	7.843	34.601	26.984	1.396
600	7.314	34.582	27.046	1.452
650	6.597	34.555	27.124	1.506
700	6.115	34.551	27.183	1.556
750	5.619	34.546	27.242	1.603
800	5.298	34.546	27.280	1.648
850	4.822	34.548	27.337	1.734
900	4.368	34.556	27.394	1.814
1000	4.361	34.556	27.395	1.818

CAST GP7-96-KA-0081 DATE 30 NOV 96 TIME 1747 GMT
 LAT 00 59.9N LONG 170 01.3W WEATHER 1 SEA STATE 2
 BAROMETER 09 WIND DIR 352 T SPD 04 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 27.1 WET 24.4 DEPTH 5460 M



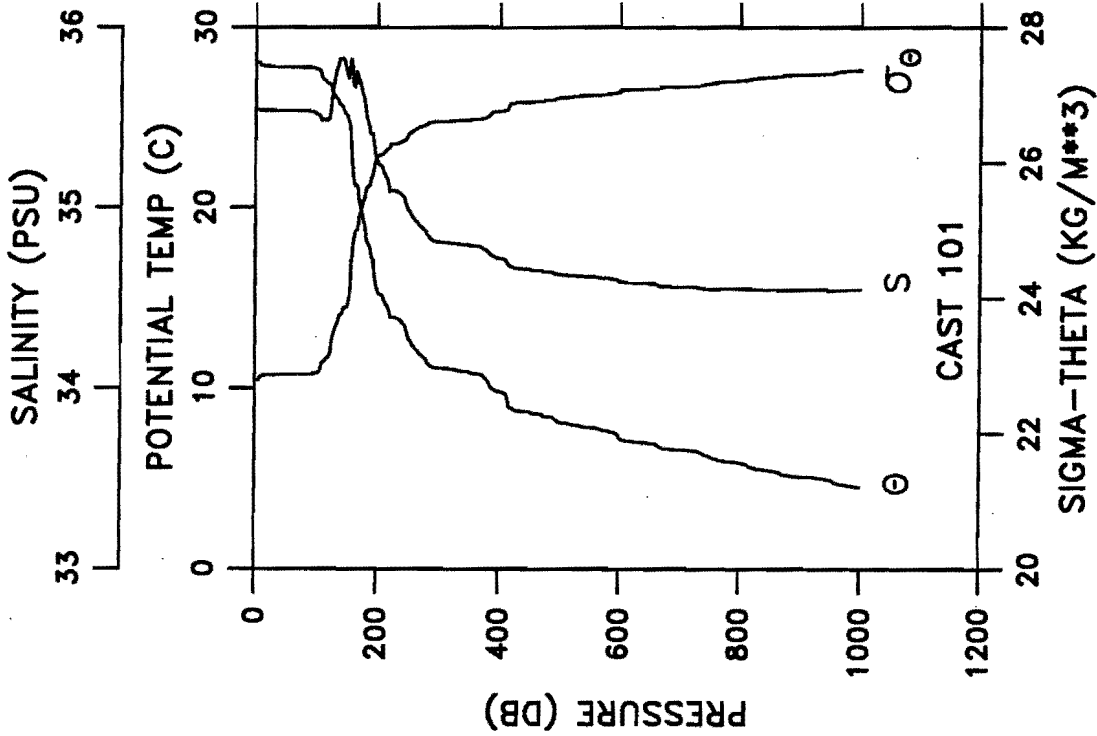
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.062	35.262	22.897	0.000
10	27.059	35.262	22.898	0.050
20	27.055	35.263	22.901	0.099
30	27.052	35.270	22.906	0.149
40	27.038	35.283	22.921	0.198
50	27.043	35.285	22.928	0.248
60	27.049	35.301	22.931	0.297
70	27.041	35.303	22.935	0.347
80	27.025	35.306	22.942	0.396
90	26.955	35.291	22.954	0.446
100	26.599	35.183	22.985	0.495
110	26.256	35.116	23.043	0.544
120	26.176	35.119	23.070	0.592
130	25.988	35.106	23.116	0.641
140	25.803	35.147	23.208	0.688
150	24.058	35.020	23.641	0.734
160	21.711	34.934	24.250	0.775
170	19.594	34.892	24.787	0.809
180	18.810	35.168	25.199	0.839
190	17.086	34.942	25.450	0.866
200	16.098	34.974	25.706	0.890
250	12.378	34.906	26.444	0.986
300	11.949	34.858	26.489	1.068
350	11.484	34.830	26.559	1.147
400	10.744	34.774	26.646	1.223
450	9.373	34.677	26.805	1.293
500	7.929	34.616	26.983	1.355
550	7.499	34.604	27.037	1.412
600	7.140	34.586	27.074	1.467
650	6.590	34.566	27.133	1.519
700	6.057	34.555	27.194	1.569
750	5.847	34.551	27.217	1.617
800	5.554	34.547	27.251	1.664
850	4.993	34.543	27.314	1.753
900	4.422	34.553	27.386	1.835
1000	4.423	34.553	27.385	1.836

CAST GP7-96-KA-0091 DATE 01 DEC 96 TIME 0123 GMT
 LAT 00 01.5S LONG 170 02.8W WEATHER 1 SEA STATE 2
 BAROMETER 08 WIND DIR 106 T SPD 01 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 28.7 WET 25.5 DEPTH 5580 M



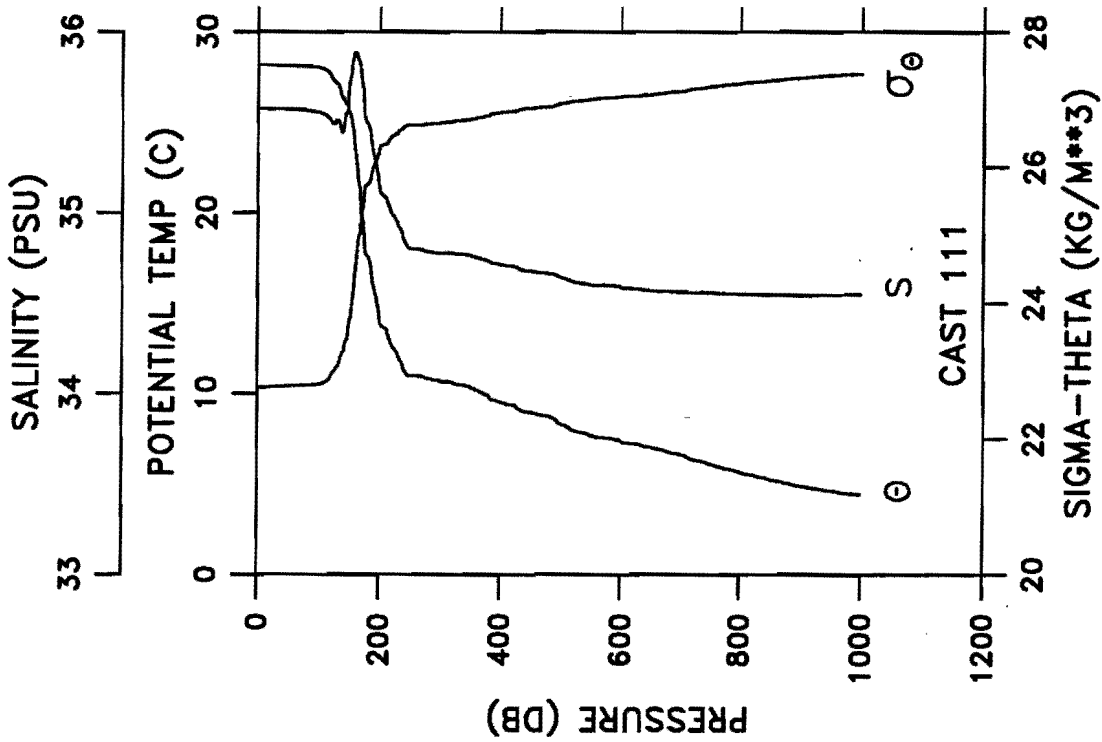
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.655	35.432	22.835	0.000
10	27.441	35.433	22.904	0.050
20	27.404	35.434	22.917	0.098
30	27.389	35.437	22.924	0.149
40	27.386	35.441	22.928	0.198
50	27.393	35.457	22.938	0.248
60	27.405	35.473	22.946	0.297
70	27.394	35.500	22.970	0.346
80	27.196	35.476	23.016	0.395
90	26.983	35.455	23.068	0.444
100	26.769	35.456	23.137	0.492
110	26.446	35.427	23.217	0.539
120	25.820	35.291	23.311	0.586
130	25.583	35.214	23.326	0.632
140	25.503	35.203	23.343	0.678
150	22.528	35.058	24.114	0.722
160	21.838	35.369	24.545	0.758
170	20.966	35.506	24.889	0.791
180	19.442	35.450	25.253	0.821
190	17.383	35.188	25.567	0.847
200	17.200	35.317	25.710	0.871
250	13.480	34.981	26.281	0.974
300	12.167	34.903	26.482	1.061
350	11.354	34.818	26.570	1.139
400	8.803	34.719	26.767	1.210
450	8.547	34.652	26.917	1.274
500	8.166	34.633	26.961	1.334
550	7.573	34.605	27.026	1.391
600	7.050	34.585	27.085	1.447
650	6.843	34.575	27.106	1.500
700	6.358	34.560	27.159	1.551
750	6.028	34.552	27.195	1.601
800	5.701	34.548	27.233	1.648
900	5.062	34.545	27.308	1.738
1000	4.477	34.553	27.380	1.821
1001	4.474	34.552	27.379	1.822

CAST GP7-96-KA-0101 DATE 01 DEC 96 TIME 0756 GMT
 LAT 00 59.7S LONG 170 01.8W WEATHER 1 SEA STATE 2
 BAROMETER 11 WIND DIR 062 T SPD 03 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 28.0 WET 25.5 DEPTH 5460 M



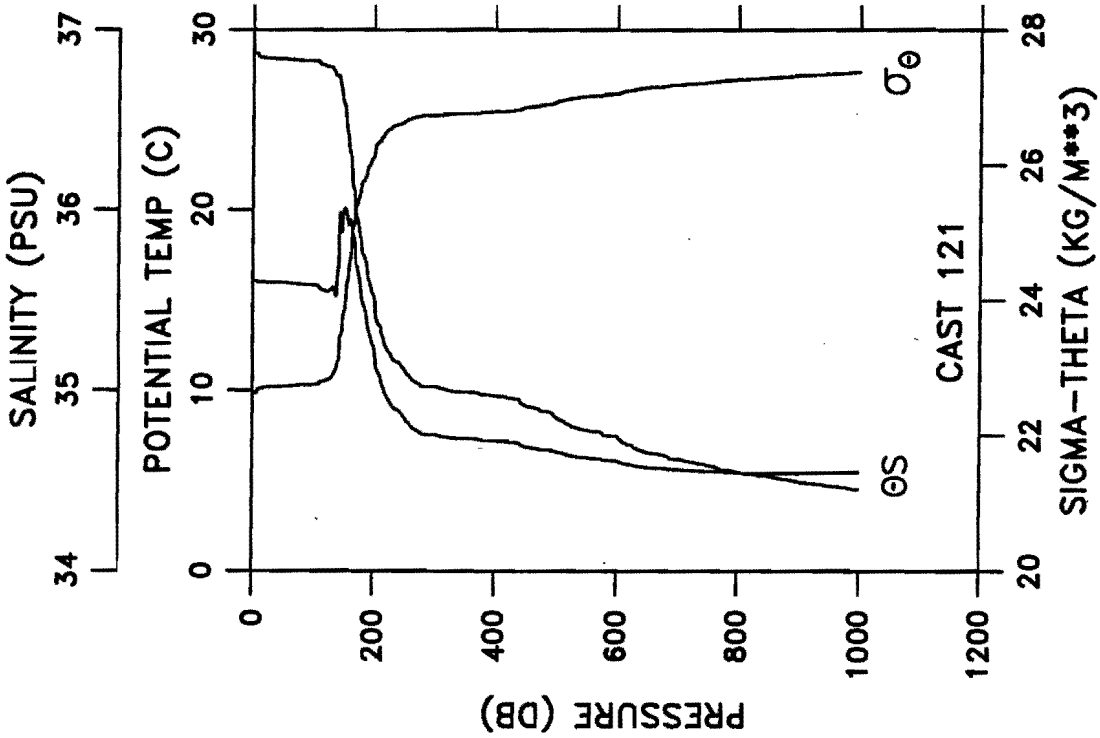
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.056	35.544	22.788	0.000
10	27.891	35.541	22.839	0.050
20	27.840	35.540	22.856	0.101
30	27.818	35.540	22.863	0.151
40	27.803	35.540	22.867	0.201
50	27.796	35.540	22.869	0.251
60	27.792	35.540	22.871	0.301
70	27.785	35.540	22.873	0.351
80	27.772	35.538	22.876	0.401
90	27.759	35.535	22.878	0.451
100	27.701	35.521	22.886	0.501
110	27.142	35.491	23.044	0.551
120	26.896	35.493	23.124	0.589
130	26.188	35.722	23.521	0.845
140	25.691	35.826	23.755	0.688
150	25.129	35.749	23.870	0.730
160	22.035	35.692	24.735	0.767
170	20.457	35.713	25.185	0.798
180	18.706	35.553	25.520	0.825
190	17.262	35.407	25.785	0.849
200	15.401	35.257	26.082	0.870
250	12.908	34.995	26.408	0.962
300	11.109	34.811	26.609	1.040
350	10.902	34.793	26.633	1.114
400	9.814	34.719	26.784	1.186
450	8.729	34.660	26.895	1.249
500	8.122	34.630	26.966	1.310
550	7.850	34.620	26.998	1.368
600	7.221	34.596	27.070	1.425
650	6.967	34.582	27.094	1.479
700	6.592	34.562	27.130	1.531
750	6.240	34.550	27.166	1.582
800	5.876	34.552	27.215	1.631
900	5.120	34.546	27.301	1.722
1000	4.545	34.549	27.369	1.807
1001	4.544	34.549	27.369	1.808

CAST GP7-96-KA-0111 DATE 01 DEC 96 TIME 1530 GMT
 LAT 02 07.8S LONG 170 01.6W WEATHER 1 SEA STATE 2
 BAROMETER 09 WIND DIR 016 T SPD 08 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 27.7 WET 24.5 DEPTH 4680 M



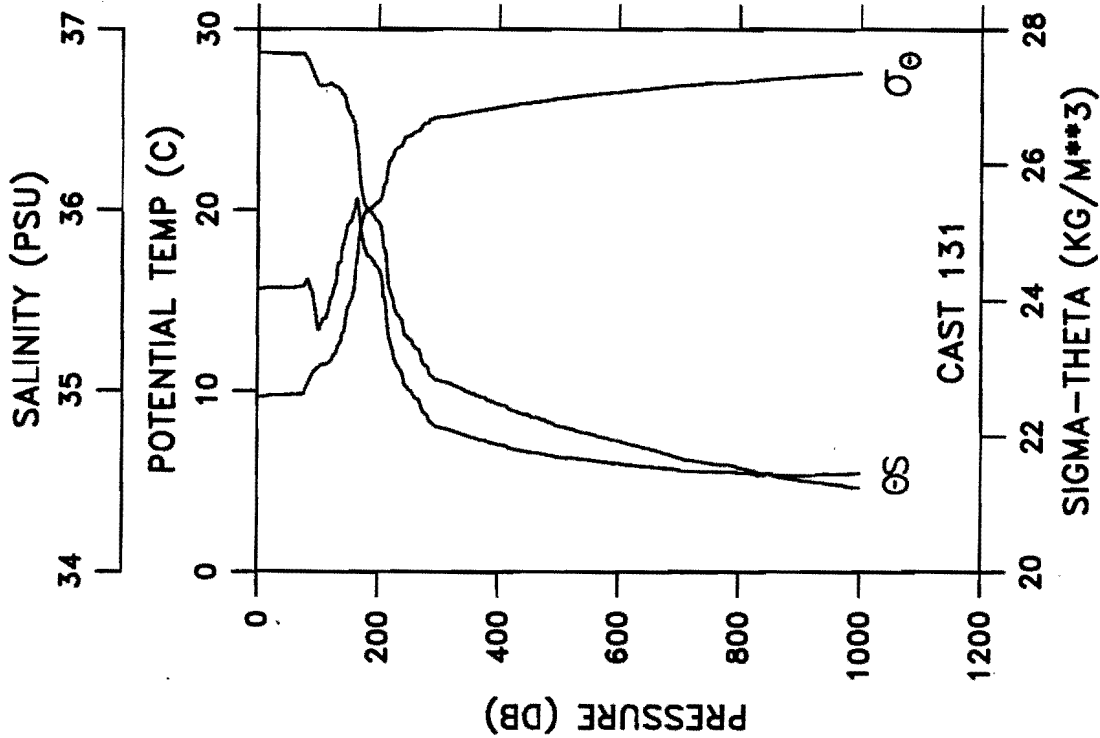
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.213	35.580	22.763	0.000
10	28.214	35.576	22.760	0.051
20	28.189	35.575	22.767	0.102
30	28.155	35.573	22.777	0.153
40	28.147	35.573	22.780	0.203
50	28.136	35.571	22.782	0.254
60	28.126	35.570	22.784	0.305
70	28.115	35.568	22.786	0.356
80	28.098	35.565	22.789	0.407
90	28.070	35.559	22.795	0.458
100	28.026	35.553	22.804	0.509
110	27.903	35.539	22.834	0.560
120	27.500	35.506	22.940	0.610
130	27.118	35.510	23.066	0.659
140	26.320	35.469	23.289	0.707
150	25.543	35.717	23.719	0.751
160	23.355	35.885	24.503	0.790
170	19.955	35.722	25.326	0.821
180	17.587	35.489	25.749	0.846
190	15.852	35.313	26.023	0.867
200	13.903	35.125	26.305	0.887
250	10.990	34.802	26.624	0.967
300	10.703	34.776	26.655	1.040
350	10.377	34.764	26.703	1.112
400	9.540	34.714	26.806	1.180
450	8.958	34.677	26.872	1.245
500	8.353	34.644	26.941	1.307
550	7.669	34.601	27.010	1.365
600	7.357	34.589	27.045	1.421
650	7.025	34.571	27.078	1.476
700	6.621	34.561	27.124	1.529
750	6.082	34.559	27.194	1.580
800	5.856	34.550	27.240	1.627
900	4.897	34.544	27.325	1.716
1000	4.414	34.550	27.384	1.797
1002	4.400	34.550	27.386	1.799

CAST GP7-86-KA-0121 DATE 02 DEC 96 TIME 0906 GMT
 LAT 02 59.8S LONG 170 02.3W WEATHER 1 SEA STATE 2
 BAROMETER 10 WIND DIR 054 T SPD 05 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 28.2 WET 24.9 DEPTH 5175 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.688	35.605	22.625	0.000
10	28.498	35.599	22.684	0.052
20	28.428	35.598	22.706	0.104
30	28.401	35.598	22.715	0.155
40	28.381	35.598	22.721	0.206
50	28.369	35.598	22.725	0.258
60	28.347	35.594	22.730	0.309
70	28.313	35.590	22.738	0.361
80	28.290	35.587	22.743	0.412
90	28.274	35.584	22.746	0.463
100	28.261	35.582	22.749	0.515
110	28.129	35.564	22.779	0.566
120	27.986	35.550	22.812	0.617
130	27.902	35.565	22.854	0.668
140	27.421	35.661	23.083	0.718
150	25.898	35.986	23.811	0.763
160	23.250	35.945	24.579	0.801
170	19.783	35.712	25.361	0.831
180	17.684	35.501	25.735	0.857
190	16.206	35.346	25.967	0.879
200	15.212	35.240	26.111	0.899
250	11.150	34.853	26.635	0.979
300	10.184	34.754	26.727	1.049
350	9.908	34.733	26.760	1.117
400	9.685	34.720	26.787	1.185
450	9.156	34.688	26.849	1.251
500	8.540	34.659	26.924	1.314
550	7.824	34.628	27.008	1.373
600	7.473	34.611	27.046	1.429
650	6.557	34.575	27.144	1.482
700	6.199	34.563	27.182	1.532
750	5.862	34.552	27.217	1.580
800	5.473	34.546	27.260	1.626
800	4.965	34.541	27.315	1.715
1000	4.518	34.546	27.370	1.798
1003	4.513	34.546	27.370	1.800

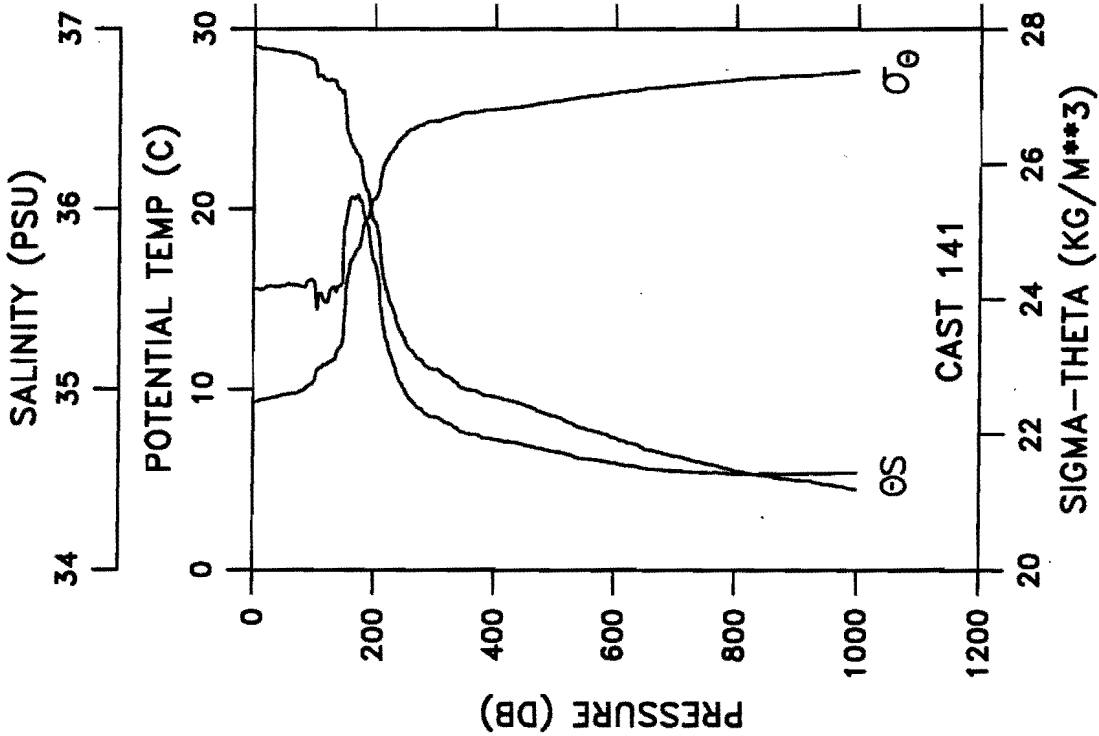
CAST GP7-96-KA-0131 DATE 02 DEC 96 TIME 1531 GMT
 LAT 03 59.8S LONG 170 01.0W WEATHER 1 SEA STATE 2
 BAROMETER 07 WIND DIR 038 T SPD 05 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 27.9 WET 25.5 DEPTH 5460 M



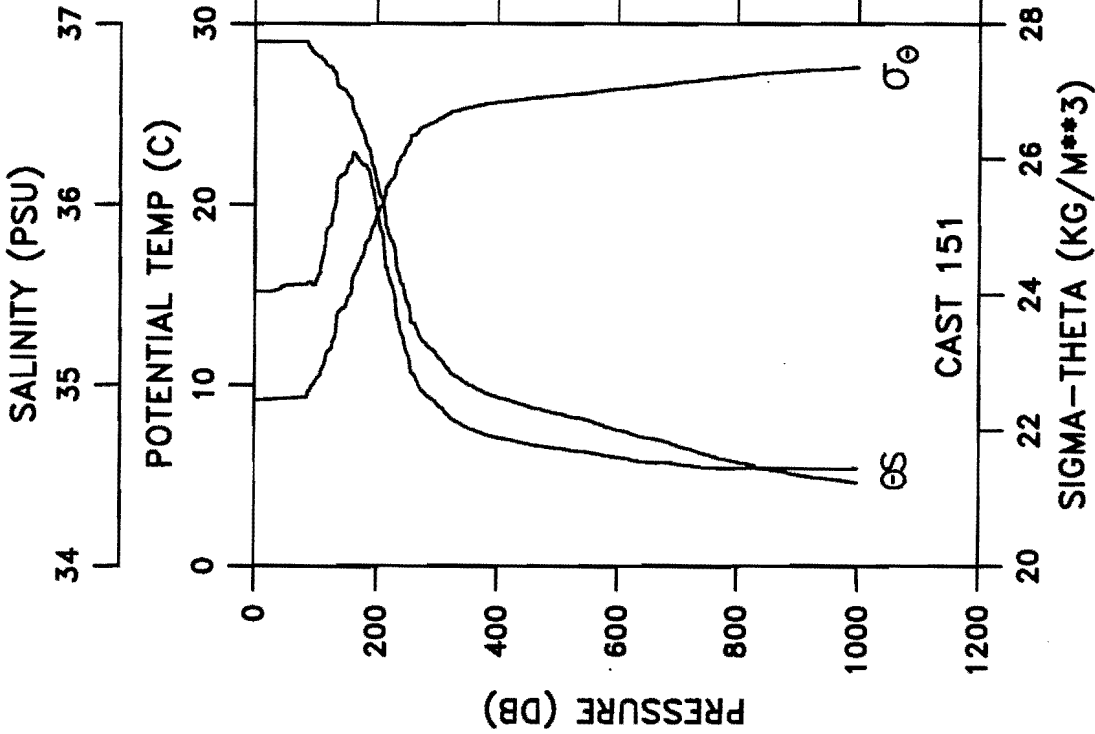
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.738	35.567	22.579	0.000
10	28.732	35.566	22.581	0.053
20	28.684	35.571	22.601	0.105
30	28.669	35.571	22.605	0.158
40	28.665	35.570	22.606	0.210
50	28.649	35.570	22.611	0.263
60	28.640	35.571	22.615	0.315
70	28.637	35.575	22.620	0.368
80	28.442	35.600	22.702	0.420
90	27.745	35.554	22.897	0.471
100	26.899	35.344	23.011	0.520
110	26.879	35.399	23.059	0.569
120	26.997	35.511	23.106	0.617
130	26.801	35.596	23.233	0.665
140	26.397	35.789	23.506	0.710
150	25.438	35.919	23.903	0.753
160	24.804	35.991	24.152	0.793
170	21.588	35.905	25.022	0.826
180	20.096	35.760	25.318	0.855
190	19.714	35.717	25.396	0.882
200	19.314	35.671	25.454	0.908
250	12.886	35.009	26.423	1.008
300	10.583	34.800	26.695	1.085
350	9.942	34.748	26.766	1.154
400	9.270	34.701	26.841	1.220
450	8.676	34.661	26.904	1.283
500	8.054	34.633	26.977	1.343
550	7.656	34.618	27.025	1.400
600	7.240	34.597	27.068	1.455
650	6.807	34.580	27.115	1.508
700	6.324	34.564	27.166	1.559
750	6.005	34.553	27.199	1.608
800	5.744	34.546	27.226	1.656
900	5.072	34.532	27.296	1.747
1000	4.650	34.544	27.354	1.832
1001	4.640	34.543	27.354	1.833

CAST GP7-96-KA-0141 DATE 02 DEC 96 TIME 2327 GMT
 LAT 04 59.4S LONG 170 00.3W WEATHER 1 SEA STATE 2
 BAROMETER 07 WIND DIR 050 T SPD 10 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 28.2 WET 24.1 DEPTH 5400 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.001	35.559	22.485	0.000
10	28.937	35.562	22.502	0.053
20	28.903	35.563	22.521	0.107
30	28.858	35.571	22.542	0.160
40	28.809	35.568	22.557	0.213
50	28.735	35.573	22.585	0.266
60	28.704	35.579	22.600	0.319
70	28.663	35.578	22.613	0.371
80	28.540	35.569	22.647	0.424
90	28.395	35.598	22.716	0.476
100	28.182	35.596	22.786	0.527
110	27.415	35.533	22.987	0.577
120	27.145	35.482	23.037	0.626
130	27.169	35.565	23.091	0.675
140	26.648	35.569	23.262	0.722
150	26.193	35.877	23.636	0.768
160	23.736	36.058	24.523	0.806
170	23.111	36.065	24.711	0.840
180	22.170	36.034	24.957	0.872
190	20.916	35.902	25.205	0.901
200	19.320	35.707	25.480	0.928
250	12.858	35.003	26.424	1.029
300	11.131	34.847	26.633	1.105
350	10.061	34.761	26.755	1.177
400	9.593	34.722	26.804	1.244
450	9.143	34.692	26.854	1.309
500	8.513	34.656	26.926	1.371
550	7.855	34.616	26.994	1.430
600	7.328	34.593	27.053	1.487
650	6.696	34.563	27.116	1.541
700	6.306	34.549	27.157	1.592
750	5.920	34.540	27.200	1.641
800	5.487	34.532	27.246	1.686
900	4.990	34.533	27.306	1.778
1000	4.481	34.540	27.369	1.862
1002	4.482	34.540	27.369	1.863

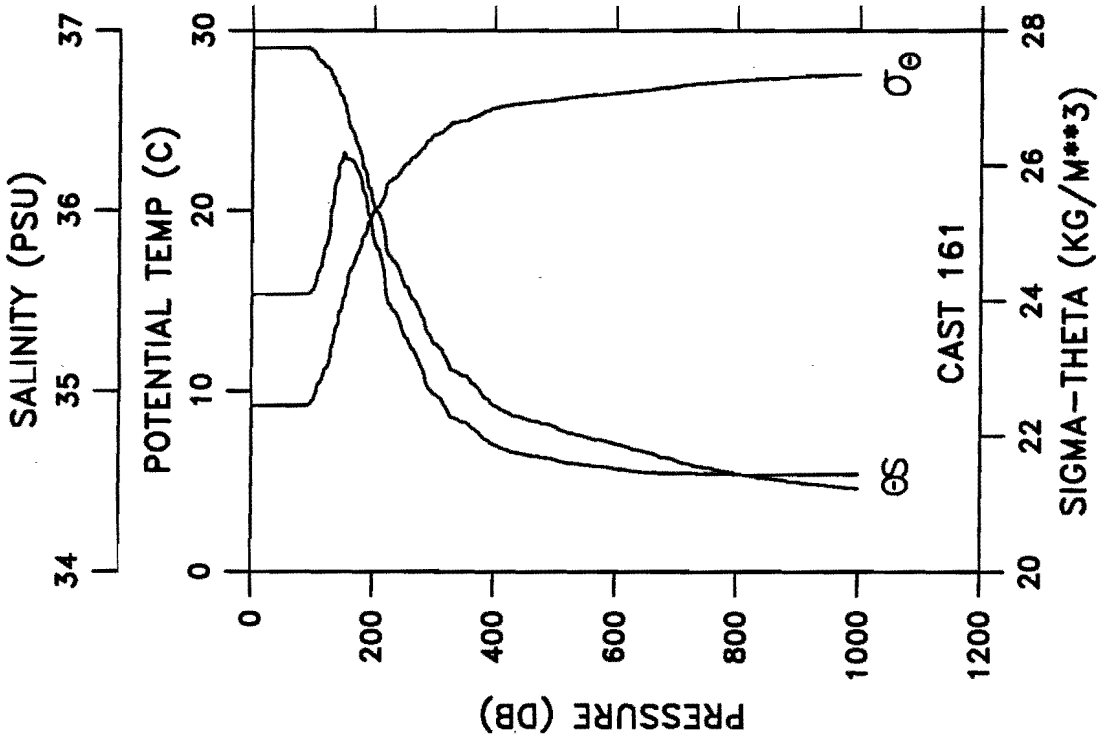


CAST GP7-96-KA-0151 DATE 03 DEC 96 TIME 0622 GMT
 LAT 05 59.6S LONG 170 00.8W WEATHER 1 SEA STATE 2
 BAROMETER 07 WIND DIR 003 T SPD 11 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 28.5 WET 24.5 DEPTH 4800 M



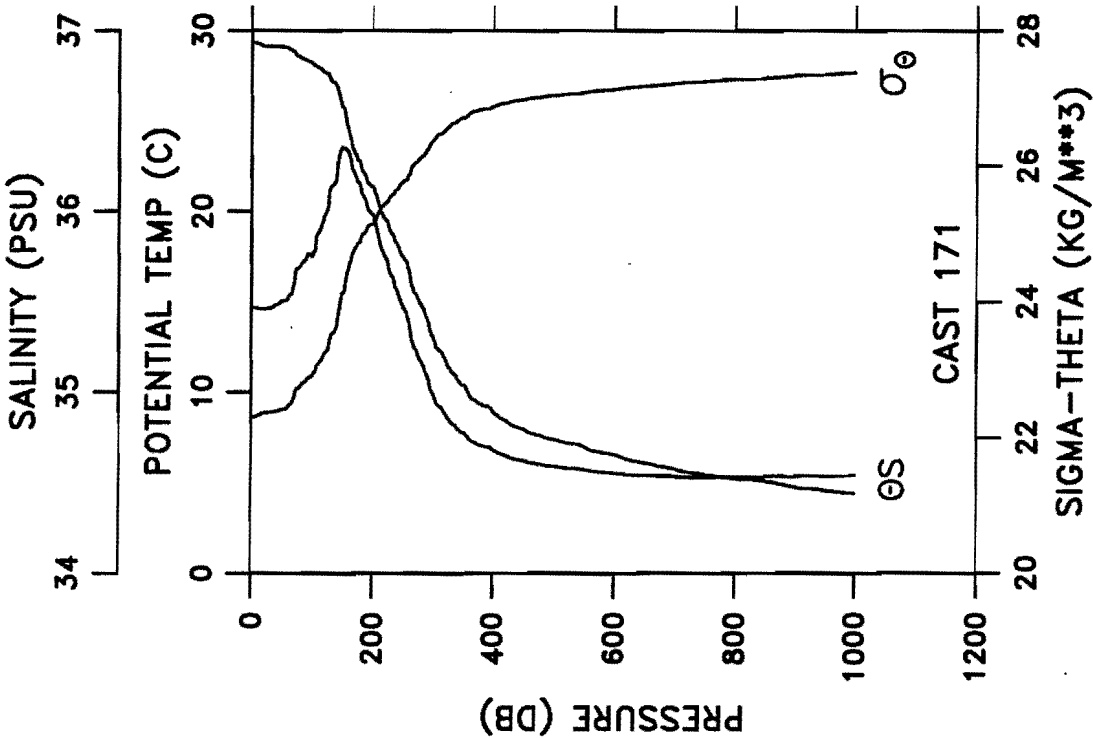
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.012	35.518	22.451	0.000
10	29.010	35.517	22.451	0.054
20	29.006	35.517	22.453	0.108
30	28.992	35.521	22.460	0.162
40	29.000	35.530	22.465	0.215
50	29.024	35.551	22.472	0.269
60	29.007	35.551	22.478	0.323
70	29.011	35.558	22.482	0.377
80	29.000	35.555	22.484	0.431
90	28.695	35.570	22.587	0.484
100	28.265	35.570	22.739	0.537
110	28.015	35.689	22.910	0.587
120	27.631	35.869	23.171	0.636
130	27.328	35.977	23.350	0.683
140	26.436	36.156	23.771	0.726
150	26.176	36.189	23.878	0.768
160	25.285	36.281	24.224	0.807
170	24.479	36.246	24.444	0.844
180	23.631	36.223	24.678	0.879
190	22.814	36.134	24.907	0.911
200	21.245	35.969	25.166	0.941
250	14.539	35.170	26.204	1.058
300	11.597	34.892	26.582	1.141
350	10.065	34.765	26.758	1.212
400	9.319	34.708	26.838	1.278
450	8.849	34.675	26.888	1.341
500	8.435	34.650	26.933	1.403
550	8.074	34.628	26.971	1.463
600	7.516	34.599	27.031	1.520
650	7.077	34.575	27.074	1.575
700	6.620	34.563	27.126	1.628
750	6.156	34.545	27.173	1.680
800	5.747	34.542	27.222	1.728
900	5.054	34.538	27.303	1.819
1000	4.603	34.541	27.356	1.904
1002	4.581	34.540	27.358	1.905

CAST GP7-96-KA-0161 DATE 03 DEC 96 TIME 1309 GMT
 LAT 06 59.35 LONG 170 01.4W WEATHER 0 SEA STATE 2
 BAROMETER 06 WIND DIR 011 T SPD 11 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 28.1 WET 24.0 DEPTH 4680 M



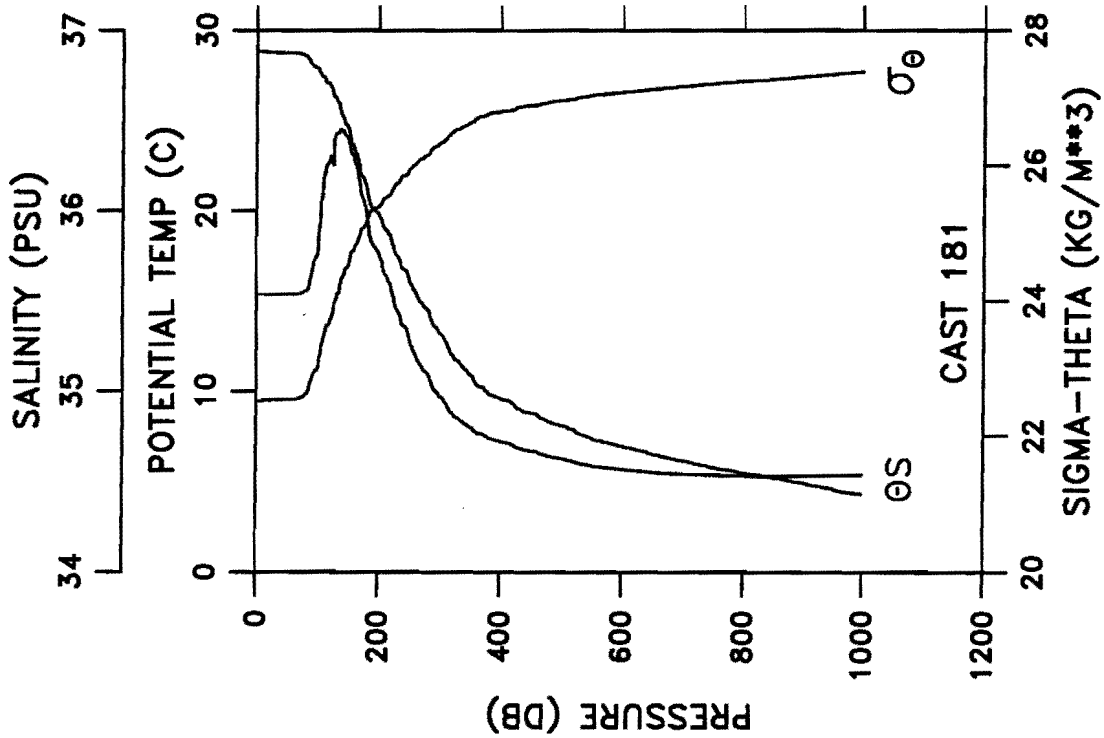
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.038	35.534	22.455	0.000
10	29.039	35.535	22.455	0.054
20	29.045	35.535	22.453	0.108
30	29.048	35.536	22.453	0.162
40	29.047	35.536	22.453	0.215
50	29.045	35.536	22.454	0.269
60	29.047	35.537	22.454	0.324
70	29.047	35.537	22.454	0.378
80	29.045	35.538	22.455	0.432
90	29.029	35.537	22.480	0.486
100	28.869	35.560	22.531	0.540
110	28.349	35.659	22.777	0.592
120	28.022	35.789	22.983	0.643
130	27.569	35.984	23.278	0.691
140	26.917	36.171	23.629	0.736
150	26.086	36.309	23.986	0.778
160	24.712	36.285	24.403	0.816
170	23.938	36.249	24.607	0.851
180	23.033	36.173	24.816	0.884
190	21.636	36.015	25.093	0.915
200	20.378	35.849	25.310	0.943
250	16.018	35.320	25.991	1.062
300	12.646	34.986	26.453	1.157
350	10.866	34.828	26.966	1.233
400	9.194	34.701	26.853	1.302
450	8.492	34.650	26.924	1.364
500	8.041	34.622	26.971	1.423
550	7.475	34.592	27.031	1.480
600	7.069	34.570	27.071	1.535
650	6.629	34.551	27.116	1.588
700	6.160	34.544	27.172	1.639
750	5.768	34.543	27.221	1.687
800	5.415	34.541	27.262	1.733
900	4.960	34.539	27.314	1.821
1000	4.608	34.541	27.356	1.905
1002	4.607	34.540	27.356	1.907

CAST GP7-96-KA-0171 DATE 04 DEC 96 TIME 0404 GMT
 LAT 08 02.3S LONG 170 01.8W WEATHER 1 SEA STATE 3
 BAROMETER 05 WIND DIR 003 T SPD 08 KT VISIBILITY 7
 CLOUD 8 AMOUNT 6 DRY 29.2 WET 26.0 DEPTH 5220 M



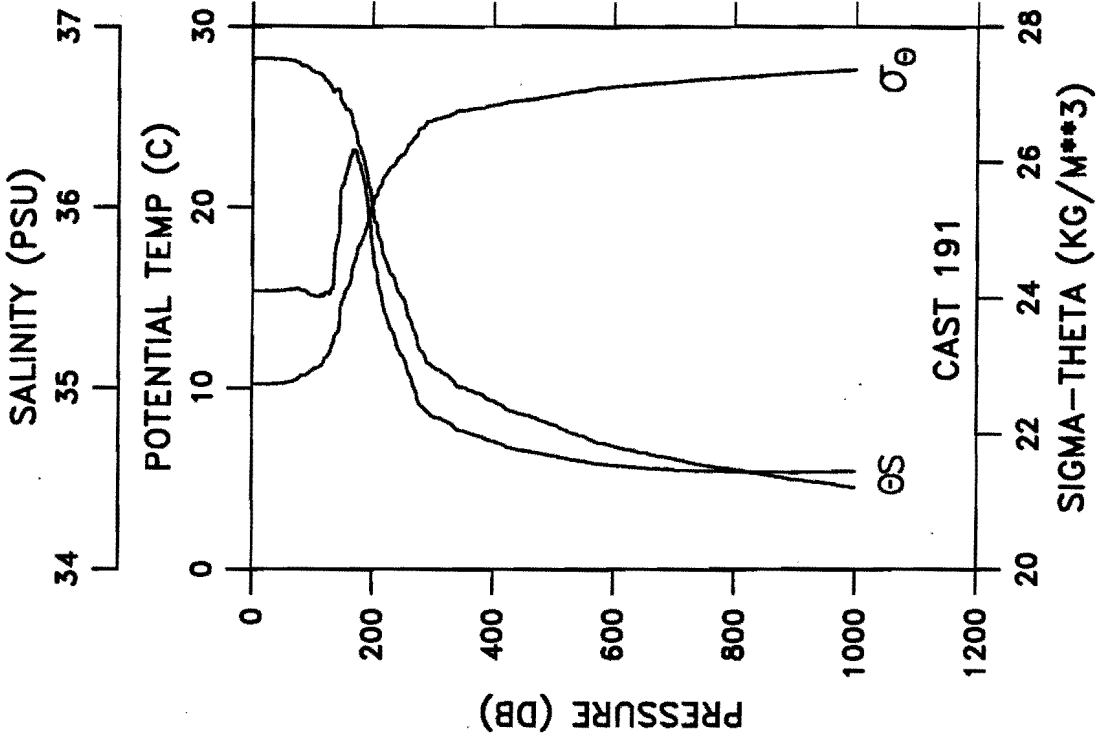
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.336	35.470	22.306	0.000
10	28.275	35.466	22.324	0.055
20	29.146	35.464	22.366	0.110
30	29.132	35.466	22.372	0.165
40	29.125	35.482	22.387	0.219
50	29.090	35.505	22.415	0.274
60	29.033	35.519	22.445	0.328
70	28.833	35.592	22.567	0.382
80	28.526	35.693	22.745	0.434
90	28.377	35.734	22.825	0.485
100	28.186	35.752	22.902	0.535
110	27.945	35.878	23.075	0.584
120	27.690	35.966	23.225	0.632
130	27.331	36.118	23.456	0.678
140	26.949	36.174	23.621	0.722
150	25.773	36.352	24.127	0.763
160	24.556	36.328	24.482	0.800
170	23.272	36.206	24.771	0.833
180	22.508	36.124	24.930	0.865
190	21.777	36.033	25.067	0.895
200	21.351	35.981	25.146	0.925
250	17.465	35.474	25.767	1.053
300	13.054	34.989	26.374	1.154
350	10.398	34.777	26.710	1.231
400	8.972	34.682	26.874	1.297
450	7.983	34.621	26.979	1.356
500	7.413	34.591	27.039	1.412
550	6.978	34.572	27.085	1.466
600	6.542	34.553	27.129	1.518
650	6.093	34.542	27.179	1.568
700	5.766	34.534	27.214	1.616
750	5.441	34.529	27.250	1.662
800	5.208	34.532	27.280	1.707
900	4.785	34.534	27.332	1.784
1000	4.412	34.543	27.379	1.875
1002	4.412	34.542	27.379	1.877

CAST GP7-96-KA-0181 DATE 08 DEC 96 TIME 0009 GMT
 LAT 08 18.0S LONG 154 58.4W WEATHER 1 SEA STATE 5
 BAROMETER 07 WIND DIR 071 T SPD 11 KT VISIBILITY 7
 CLOUD 8 AMOUNT 5 DRY 28.5 WET 25.0 DEPTH 5250 M



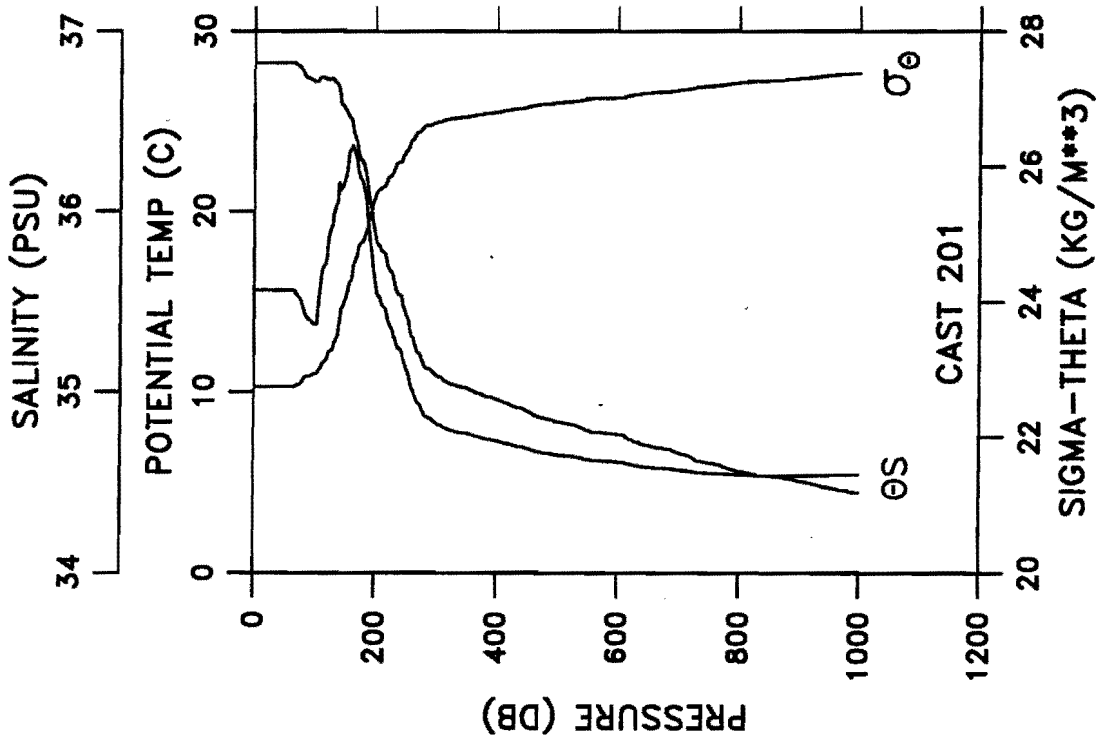
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.840	35.539	22.525	0.000
10	28.831	35.538	22.527	0.053
20	28.800	35.536	22.536	0.106
30	28.781	35.535	22.541	0.159
40	28.770	35.535	22.545	0.212
50	28.764	35.535	22.547	0.265
60	28.754	35.536	22.551	0.319
70	28.716	35.541	22.568	0.372
80	28.595	35.556	22.619	0.425
90	28.139	35.645	22.836	0.476
100	27.918	35.759	22.995	0.526
110	27.429	36.174	23.466	0.573
120	27.000	36.281	23.685	0.616
130	26.241	36.424	24.035	0.657
140	25.296	36.445	24.345	0.695
150	24.597	36.397	24.522	0.731
160	23.387	36.275	24.790	0.764
170	22.120	36.110	25.029	0.795
180	21.328	35.990	25.159	0.824
190	20.114	35.810	25.351	0.852
200	19.813	35.758	25.390	0.879
250	16.158	35.292	25.937	0.998
300	13.181	34.972	26.335	1.096
350	10.905	34.802	26.639	1.177
400	9.597	34.721	26.802	1.246
450	8.813	34.669	26.889	1.310
500	8.106	34.625	26.964	1.370
550	7.386	34.585	27.038	1.428
600	6.945	34.567	27.086	1.482
650	6.504	34.550	27.132	1.534
700	6.139	34.542	27.173	1.584
750	5.785	34.535	27.215	1.633
800	5.459	34.531	27.249	1.679
900	4.918	34.530	27.312	1.769
1000	4.300	34.538	27.387	1.851
1001	4.296	34.537	27.387	1.851

CAST GP7-96-KA-0191 DATE 08 DEC 96 TIME 0906 GMT
 LAT 06 59.8S LONG 154 58.3W WEATHER 0 SEA STATE 4
 BAROMETER 08 WIND DIR 071 T SPD 14 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 28.5 WET 24.9 DEPTH 5160 M

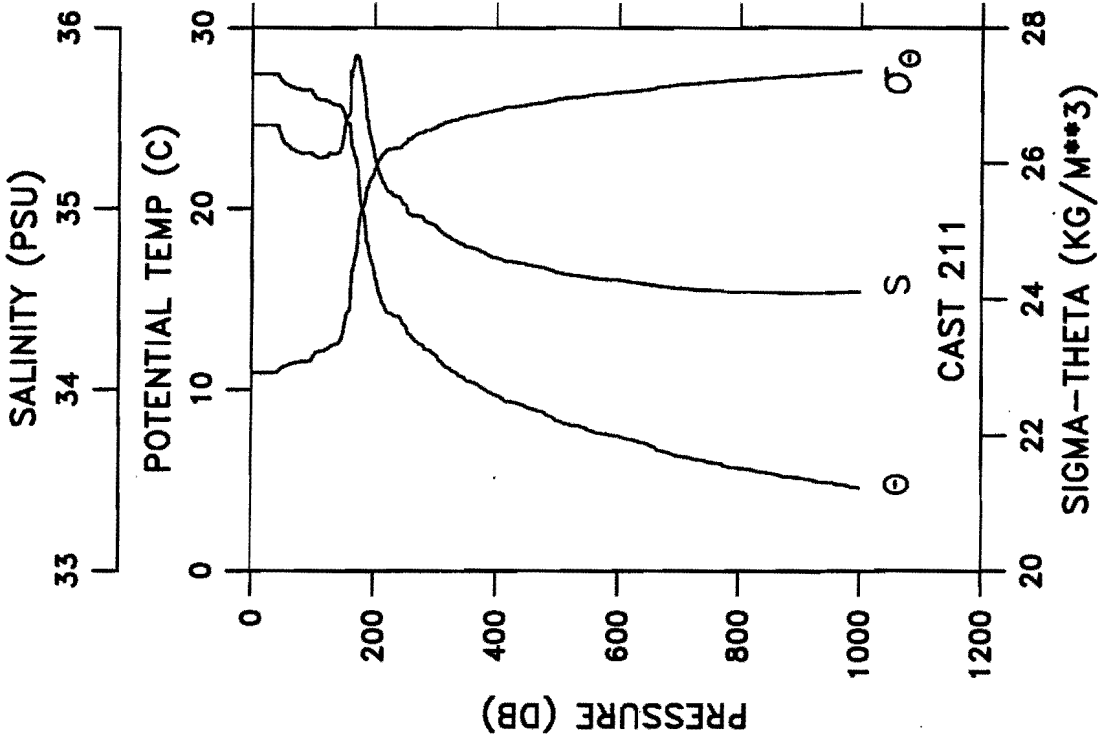


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DTN-M)
0	28.228	35.540	22.728	0.000
10	28.228	35.538	22.727	0.051
20	28.228	35.539	22.727	0.102
30	28.224	35.539	22.729	0.154
40	28.208	35.540	22.735	0.205
50	28.197	35.541	22.739	0.256
60	28.152	35.546	22.757	0.307
70	28.082	35.548	22.779	0.359
80	27.873	35.543	22.847	0.409
90	27.783	35.534	22.870	0.460
100	27.524	35.507	22.939	0.510
110	27.388	35.528	22.977	0.559
120	27.042	35.528	23.104	0.608
130	26.668	35.547	23.238	0.656
140	26.519	35.804	23.479	0.701
150	25.738	36.120	23.863	0.744
160	25.359	36.237	24.188	0.783
170	24.319	36.315	24.544	0.819
180	23.112	36.208	24.818	0.852
190	21.914	36.050	25.042	0.883
200	19.914	35.771	25.374	0.911
250	14.999	35.177	26.110	1.024
300	11.197	34.846	26.620	1.108
350	10.045	34.764	26.760	1.179
400	9.301	34.708	26.839	1.245
450	8.586	34.658	26.915	1.307
500	8.020	34.627	26.979	1.367
550	7.348	34.596	27.052	1.423
600	6.803	34.574	27.111	1.476
650	6.433	34.561	27.149	1.527
700	6.108	34.551	27.184	1.577
750	5.742	34.544	27.225	1.624
800	5.510	34.540	27.250	1.671
850	4.960	34.537	27.313	1.760
900	4.519	34.542	27.366	1.844
1000	4.470	34.542	27.372	1.849

CAST GP7-96-KA-0201 DATE 08 DEC 96 TIME 1622 GMT
 LAT 05 59.4S LONG 154 58.9W WEATHER 0 SEA STATE 4
 BAROMETER 09 WIND DIR 094 T SPD 19 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 28.2 WET 25.0 DEPTH 5220 M

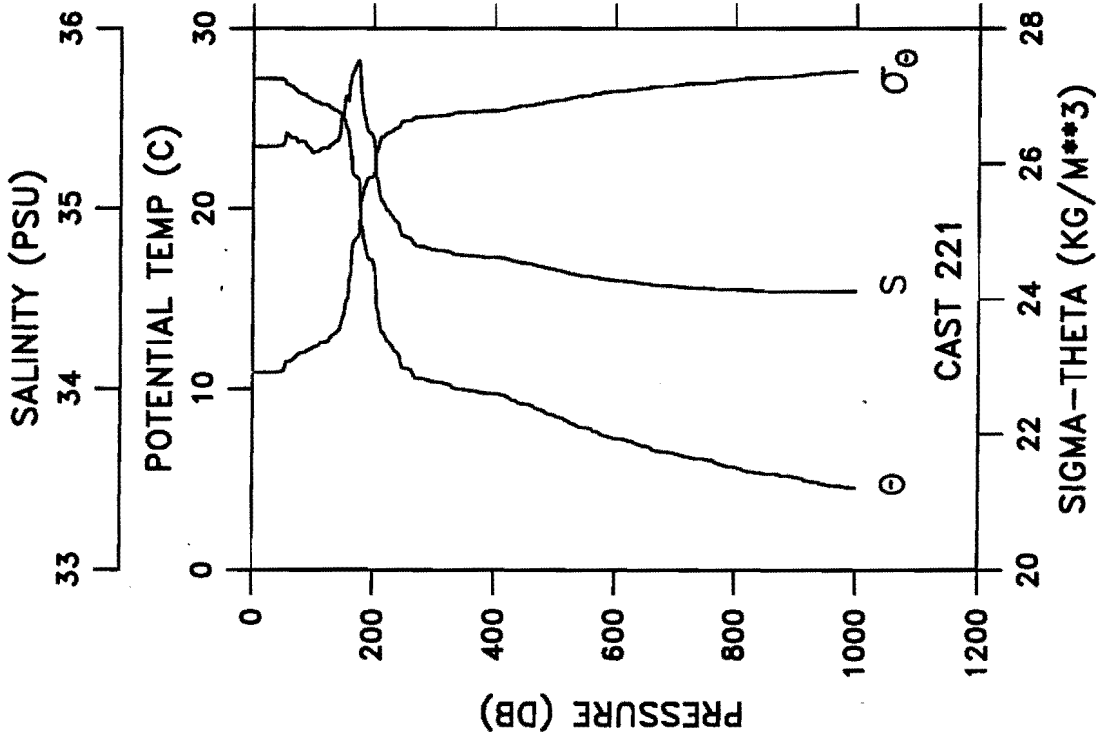


CAST GP7-96-KA-0211 DATE 09 DEC 96 TIME 0711 GMT
 LAT 04 59.1S LONG 155 00.0W WEATHER 0 SEA STATE 4
 BAROMETER 09 WIND DIR 085 T SPD 20 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 27.9 WET 24.9 DEPTH 4860 M



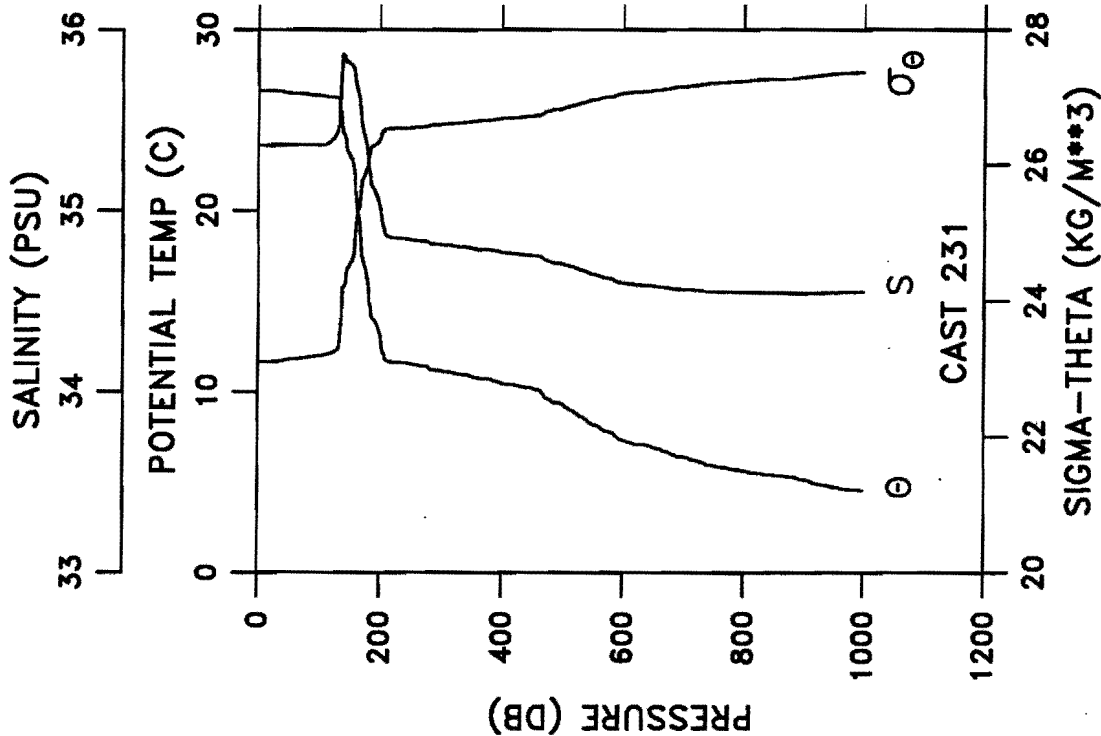
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.477	35.467	22.918	0.000
10	27.486	35.464	22.920	0.049
20	27.477	35.466	22.917	0.098
30	27.472	35.466	22.919	0.148
40	27.435	35.462	22.928	0.198
50	27.041	35.382	22.995	0.247
60	26.823	35.346	23.037	0.295
70	26.677	35.321	23.064	0.344
80	26.593	35.307	23.081	0.392
90	26.576	35.308	23.087	0.440
100	26.319	35.296	23.159	0.488
110	26.048	35.280	23.232	0.535
120	26.013	35.285	23.247	0.582
130	25.830	35.304	23.317	0.629
140	25.746	35.309	23.347	0.674
150	25.333	35.412	23.553	0.720
160	24.580	35.545	23.882	0.762
170	22.619	35.850	24.689	0.797
180	19.894	35.719	25.339	0.827
190	17.837	35.450	25.658	0.852
200	16.242	35.281	25.909	0.875
250	13.566	35.021	26.294	0.970
300	11.923	34.905	26.531	1.053
350	10.554	34.791	26.683	1.127
400	9.713	34.728	26.789	1.196
450	9.063	34.692	26.868	1.261
500	8.286	34.647	26.953	1.323
550	7.784	34.620	27.008	1.382
600	7.439	34.607	27.048	1.438
650	6.948	34.580	27.096	1.492
700	6.306	34.561	27.166	1.543
750	5.980	34.550	27.200	1.593
800	5.646	34.542	27.235	1.640
800	5.120	34.536	27.293	1.731
1000	4.561	34.541	27.361	1.816
1007	4.525	34.541	27.365	1.822

CAST GP7-96-KA-0221 DATE 09 DEC 96 TIME 1501 GMT
 LAT 03 59.9S LONG 154 44.4W WEATHER 0 SEA STATE 4
 BAROMETER 08 WIND DIR 102 T SPD 19 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 27.4 WET 24.2 DEPTH 9999 M



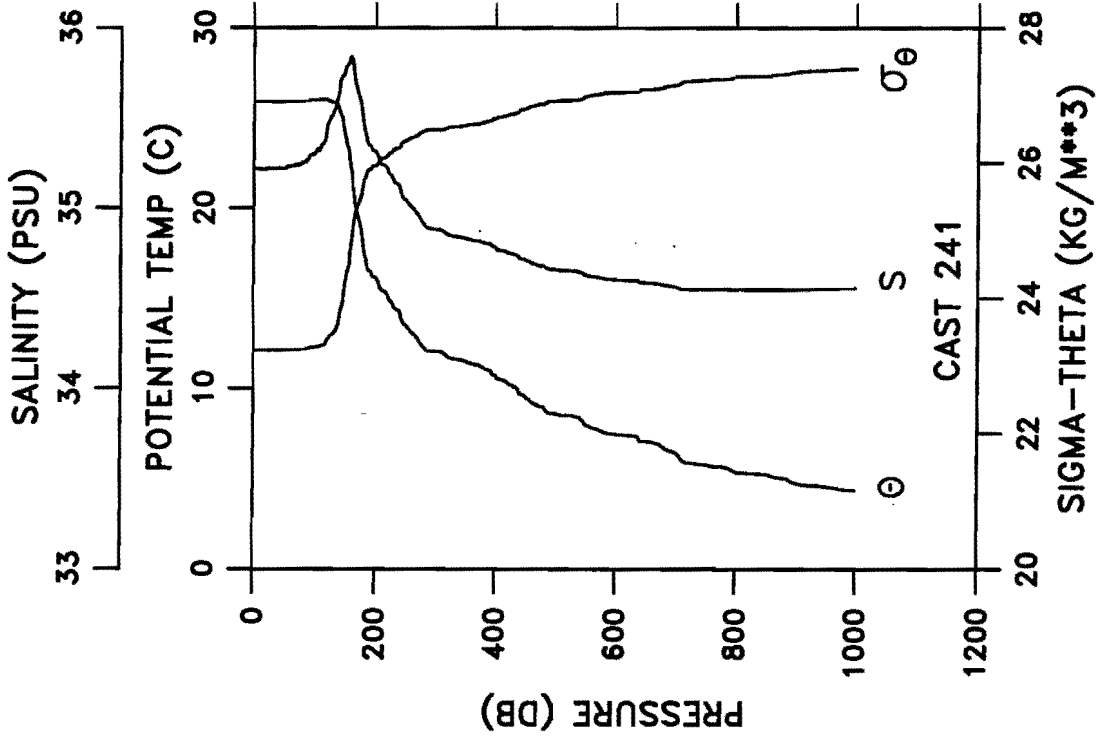
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.201	35.346	22.916	0.000
10	27.208	35.345	22.913	0.049
20	27.209	35.345	22.913	0.099
30	27.208	35.345	22.913	0.148
40	27.200	35.347	22.917	0.198
50	27.176	35.354	22.930	0.247
60	26.845	35.406	23.075	0.296
70	26.638	35.392	23.130	0.344
80	26.365	35.372	23.202	0.391
90	26.191	35.345	23.236	0.438
100	25.869	35.310	23.279	0.485
110	25.867	35.321	23.319	0.531
120	25.757	35.336	23.364	0.576
130	25.565	35.357	23.440	0.622
140	25.380	35.379	23.513	0.666
150	24.952	35.516	23.748	0.710
160	23.525	35.682	24.300	0.750
170	21.781	35.793	24.884	0.783
180	19.224	35.630	25.447	0.813
190	17.341	35.439	25.770	0.837
200	16.969	35.389	25.821	0.860
250	11.165	34.847	26.627	0.943
300	10.416	34.772	26.703	1.015
350	9.969	34.742	26.756	1.084
400	9.758	34.729	26.782	1.151
450	9.186	34.698	26.852	1.217
500	8.564	34.664	26.924	1.280
550	7.860	34.626	27.001	1.339
600	7.258	34.602	27.069	1.395
650	6.833	34.584	27.114	1.448
700	6.430	34.569	27.156	1.499
750	6.128	34.560	27.189	1.549
800	5.883	34.551	27.238	1.597
800	5.128	34.543	27.298	1.687
1000	4.543	34.544	27.365	1.770
1005	4.497	34.545	27.371	1.774

CAST GP7-96-KA-0231 DATE 10 DEC 96 TIME 0605 GMT
 LAT 01 58.1S LONG 155 02.9W WEATHER 0 SEA STATE 4
 BAROMETER 08 WIND DIR 067 T SPD 18 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 26.7 WET 23.8 DEPTH 4800 M



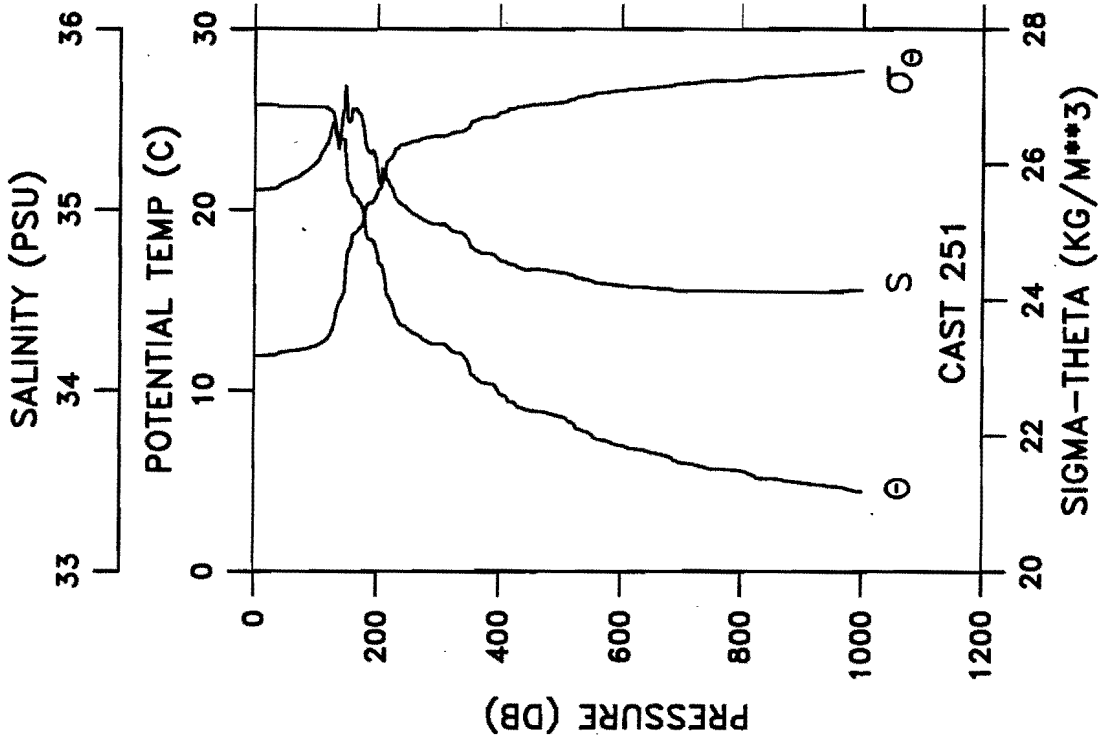
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.642	35.362	23.107	0.000
10	26.642	35.360	23.105	0.048
20	26.635	35.360	23.107	0.095
30	26.614	35.360	23.114	0.143
40	26.588	35.359	23.121	0.190
50	26.517	35.362	23.146	0.238
60	26.511	35.363	23.149	0.285
70	26.481	35.365	23.159	0.333
80	26.445	35.364	23.170	0.380
90	26.398	35.363	23.185	0.427
100	26.384	35.363	23.195	0.474
110	26.318	35.364	23.211	0.522
120	26.285	35.388	23.239	0.568
130	26.239	35.437	23.290	0.615
140	24.235	35.857	24.222	0.657
150	23.027	35.812	24.543	0.693
160	20.863	35.706	25.070	0.726
170	17.495	35.472	25.758	0.752
180	15.878	35.304	26.011	0.774
190	13.942	35.115	26.289	0.793
200	13.143	35.020	26.380	0.810
250	11.519	34.838	26.555	0.888
300	11.162	34.812	26.601	0.964
350	10.831	34.792	26.644	1.038
400	10.453	34.769	26.693	1.111
450	10.191	34.752	26.726	1.182
500	9.308	34.705	26.838	1.250
550	8.177	34.646	26.970	1.312
600	7.281	34.600	27.085	1.369
650	6.893	34.582	27.105	1.423
700	6.374	34.584	27.160	1.474
750	5.882	34.553	27.214	1.523
800	5.600	34.546	27.244	1.570
900	5.097	34.543	27.302	1.660
1000	4.507	34.549	27.373	1.743
1003	4.499	34.549	27.374	1.745

CAST GP7-96-KA-0241 DATE 10 DEC 96 TIME 1351 GMT
 LAT 01 00.2S LONG 155 00.1W WEATHER 0 SEA STATE 4
 BAROMETER 08 WIND DIR 073 T SPD 19 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 25.8 WET 23.2 DEPTH 4740 M



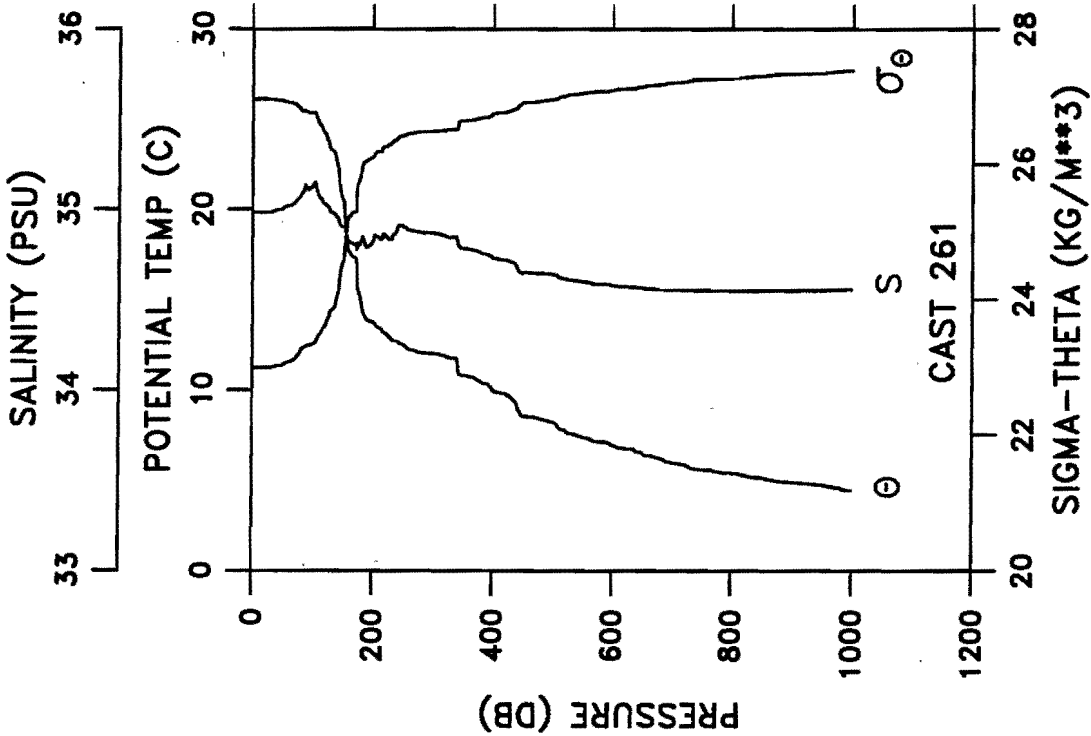
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DTN-M)
0	25.890	35.219	23.235	0.000
10	25.892	35.215	23.231	0.046
20	25.894	35.216	23.231	0.093
30	25.894	35.217	23.232	0.139
40	25.898	35.220	23.233	0.186
50	25.897	35.220	23.233	0.232
60	25.911	35.230	23.237	0.279
70	25.923	35.242	23.242	0.325
80	25.932	35.255	23.249	0.372
90	25.945	35.272	23.249	0.418
100	25.973	35.305	23.273	0.465
110	25.995	35.336	23.291	0.511
120	25.988	35.444	23.374	0.557
130	25.857	35.525	23.476	0.602
140	25.456	35.646	23.691	0.646
150	23.983	35.772	24.233	0.687
160	22.186	35.830	24.803	0.722
170	19.647	35.654	25.355	0.751
180	17.789	35.472	25.686	0.776
190	16.499	35.349	25.901	0.798
200	16.123	35.310	25.959	0.820
250	13.497	35.043	26.326	0.916
300	12.044	34.880	26.488	0.999
350	11.502	34.831	26.552	1.079
400	10.730	34.784	26.656	1.155
450	9.544	34.711	26.803	1.225
500	8.612	34.657	26.911	1.289
550	8.034	34.630	26.979	1.350
600	7.459	34.603	27.041	1.407
650	7.052	34.585	27.085	1.462
700	6.453	34.562	27.148	1.515
750	5.786	34.551	27.225	1.562
800	5.415	34.546	27.267	1.609
900	4.772	34.548	27.343	1.686
1000	4.378	34.557	27.394	1.777
1001	4.376	34.556	27.394	1.777

CAST GP7-96-KA-0251 DATE 11 DEC 96 TIME 0733 GMT
 LAT 00 01.25 LONG 155 02.6W WEATHER 0 SEA STATE 4
 BAROMETER 09 WIND DIR 094 T SPD 17 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 25.6 WET 23.0 DEPTH 4680 M



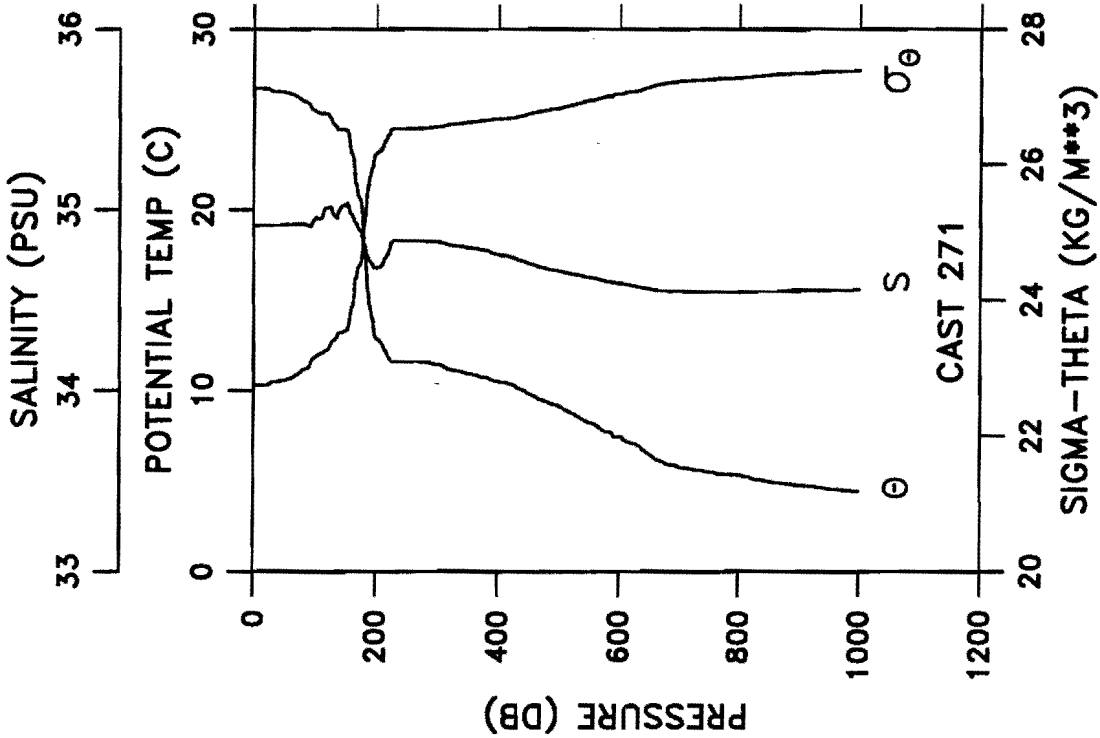
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.803	35.110	23.180	0.000
10	25.799	35.109	23.180	0.047
20	25.794	35.111	23.184	0.094
30	25.782	35.115	23.190	0.141
40	25.719	35.130	23.221	0.187
50	25.697	35.153	23.245	0.234
60	25.699	35.166	23.254	0.280
70	25.706	35.178	23.261	0.327
80	25.706	35.203	23.280	0.373
90	25.703	35.226	23.298	0.419
100	25.697	35.260	23.326	0.465
110	25.683	35.319	23.374	0.511
120	25.557	35.371	23.453	0.556
130	25.040	35.470	23.686	0.600
140	23.851	35.418	24.004	0.641
150	22.175	35.576	24.608	0.679
160	20.817	35.554	24.967	0.711
170	20.413	35.529	25.057	0.741
180	18.936	35.366	25.319	0.770
190	18.329	35.312	25.431	0.796
200	17.502	35.228	25.570	0.822
250	13.395	35.001	26.314	0.922
300	12.592	34.921	26.414	1.008
350	11.473	34.825	26.553	1.090
400	9.862	34.724	26.760	1.162
450	8.890	34.670	26.877	1.228
500	8.573	34.651	26.913	1.280
550	7.594	34.606	27.025	1.349
600	6.949	34.580	27.095	1.403
650	6.547	34.568	27.140	1.455
700	6.009	34.552	27.198	1.505
750	5.667	34.550	27.239	1.552
800	5.561	34.549	27.251	1.598
900	4.936	34.546	27.323	1.685
1000	4.420	34.556	27.389	1.768
1500	2.909	34.602	27.576	2.112
2000	2.082	34.641	27.677	2.391
2500	1.680	34.663	27.726	2.636
3000	1.446	34.673	27.752	2.866
3003	1.445	34.673	27.752	2.868

CAST GP7-96-KA-0261 DATE 11 DEC 96 TIME 1554 GMT
 LAT 00 59.9N LONG 154 59.9W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 119 T SPD 16 KT VISIBILITY 7
 CLOUD X AMOUNT 1 DRY 26.3 WET 24.0 DEPTH 9999 M



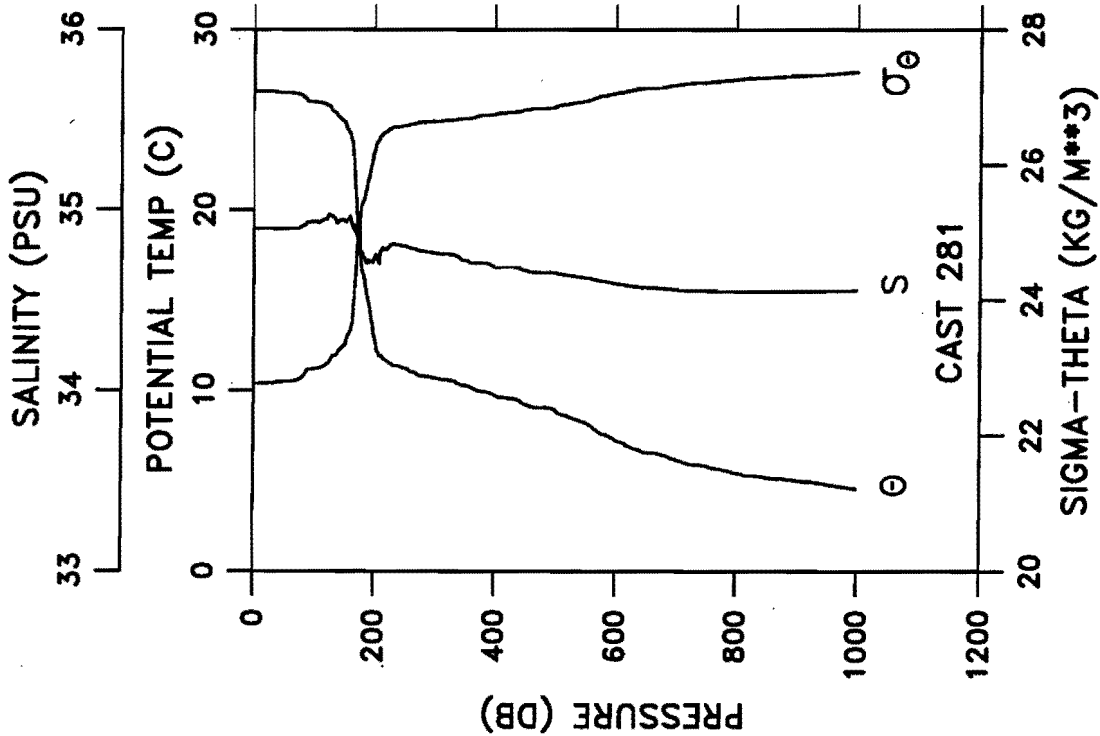
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.092	34.982	22.993	0.000
10	26.100	34.981	22.990	0.048
20	26.088	34.982	22.991	0.097
30	26.089	34.985	22.996	0.146
40	26.044	34.984	23.017	0.195
50	26.013	35.001	23.032	0.243
60	25.911	35.019	23.077	0.292
70	25.810	35.036	23.122	0.339
80	25.473	35.076	23.256	0.387
90	25.382	35.117	23.314	0.433
100	25.335	35.136	23.343	0.479
110	24.768	35.075	23.470	0.524
120	24.214	35.029	23.601	0.568
130	23.303	34.984	23.835	0.610
140	22.524	34.956	24.038	0.651
150	20.546	34.904	24.544	0.687
160	17.637	34.823	25.226	0.718
170	17.307	34.805	25.292	0.748
180	14.895	34.821	25.857	0.770
190	13.872	34.787	26.050	0.791
200	13.743	34.819	26.101	0.810
250	12.523	34.909	26.418	0.900
300	12.018	34.869	26.484	0.982
350	10.834	34.785	26.638	1.061
400	9.948	34.730	26.750	1.133
450	8.573	34.645	26.908	1.200
500	8.219	34.638	26.957	1.261
550	7.380	34.598	27.049	1.317
600	6.821	34.578	27.097	1.371
650	6.493	34.564	27.144	1.423
700	5.967	34.552	27.203	1.472
750	5.581	34.549	27.249	1.519
800	5.409	34.547	27.288	1.564
900	4.891	34.547	27.329	1.651
1000	4.437	34.555	27.386	1.733
1004	4.425	34.555	27.387	1.736

CAST GP7-96-KA-0271 DATE 12 DEC 96 TIME 0353 GMT
 LAT 02 06.3N LONG 155 03.2W WEATHER 1 SEA STATE 4
 BAROMETER 06 WIND DIR 115 T SPD 21 KT VISIBILITY 7
 CLOUD X AMOUNT 3 DRY 26.8 WET 24.0 DEPTH 4710 M



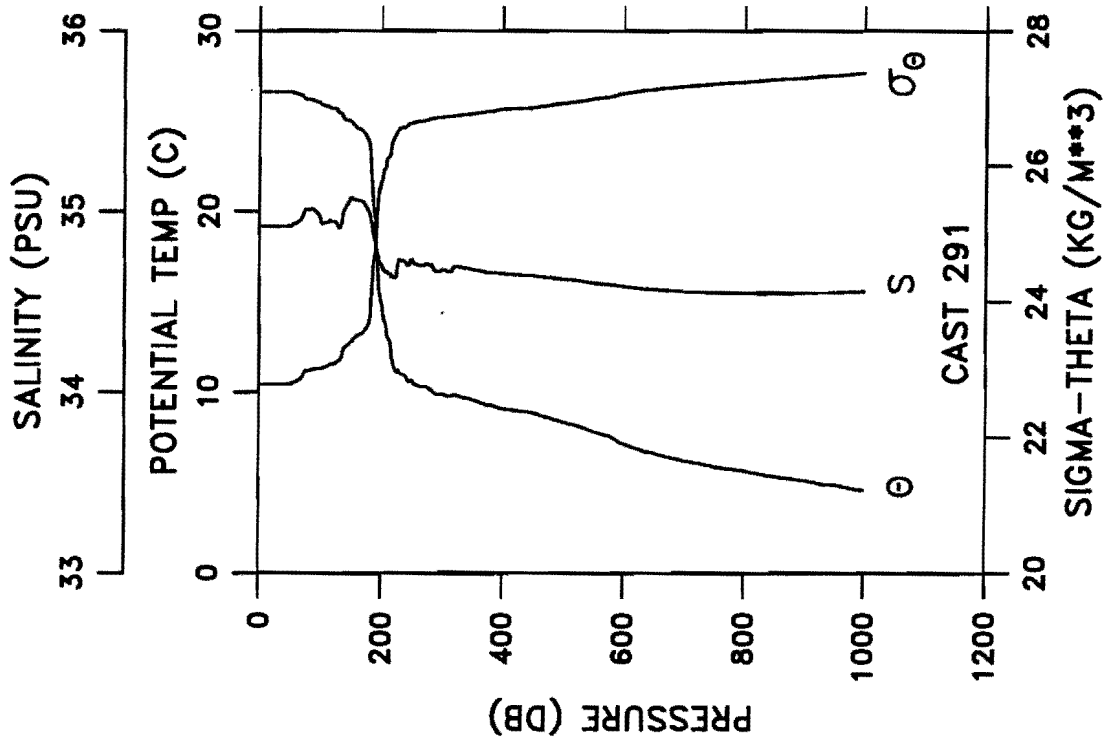
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.696	34.914	22.752	0.000
10	26.694	34.914	22.752	0.051
20	26.698	34.914	22.755	0.102
30	26.544	34.914	22.800	0.153
40	26.525	34.915	22.806	0.203
50	26.478	34.916	22.822	0.254
60	26.399	34.918	22.849	0.304
70	26.241	34.920	22.900	0.354
80	26.027	34.920	22.966	0.404
90	25.848	34.910	23.015	0.453
100	25.475	34.951	23.161	0.501
110	25.311	34.953	23.212	0.548
120	25.281	35.010	23.265	0.595
130	24.740	34.975	23.403	0.641
140	24.412	34.997	23.518	0.686
150	24.368	35.020	23.548	0.730
160	23.091	34.973	23.889	0.773
170	20.839	34.901	24.464	0.811
180	18.254	34.821	25.073	0.845
190	14.702	34.715	25.618	0.870
200	12.911	34.678	26.162	0.891
250	11.617	34.828	26.528	0.974
300	11.454	34.821	26.553	1.052
350	10.950	34.789	26.621	1.128
400	10.511	34.750	26.669	1.202
450	9.852	34.703	26.745	1.273
500	9.141	34.660	26.830	1.341
550	8.237	34.625	26.943	1.404
600	7.434	34.593	27.037	1.462
650	6.485	34.561	27.143	1.516
700	5.744	34.549	27.229	1.564
750	5.502	34.545	27.255	1.610
800	5.333	34.544	27.275	1.655
900	4.770	34.551	27.346	1.740
1000	4.428	34.557	27.389	1.820
1500	2.793	34.611	27.593	2.165
2000	2.101	34.641	27.676	2.440
2500	1.656	34.665	27.730	2.682
3000	1.452	34.673	27.751	2.914
3003	1.448	34.673	27.751	2.916

CAST GP7-96-KA-0281 DATE 13 DEC 96 TIME 0513 GMT
 LAT 02 59.7N LONG 154 56.6W WEATHER 1 SEA STATE 5
 BAROMETER 07 WIND DIR 086 T SPD 19 KT VISIBILITY 7
 CLOUD X AMOUNT 3 DRY 27.1 WET 23.8 DEPTH 4800 M



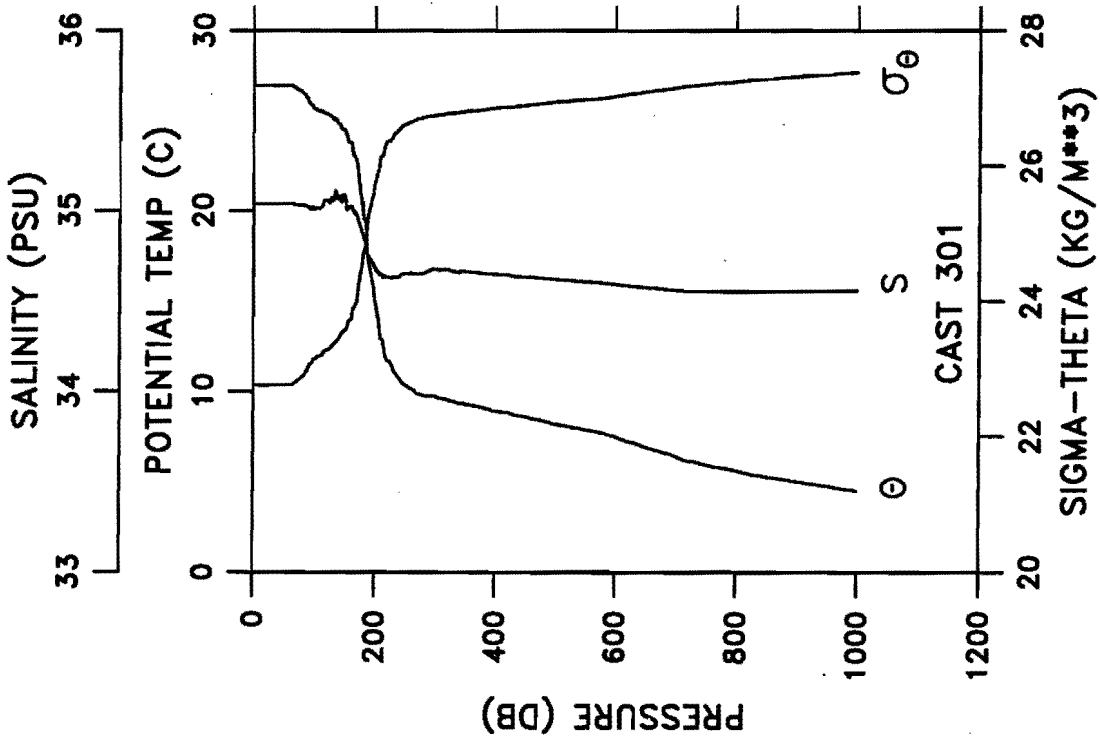
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.579	34.898	22.776	0.000
10	26.581	34.896	22.774	0.051
20	26.578	34.896	22.776	0.101
30	26.572	34.896	22.777	0.152
40	26.532	34.895	22.789	0.203
50	26.503	34.895	22.798	0.254
60	26.487	34.896	22.804	0.305
70	26.459	34.898	22.815	0.355
80	26.343	34.907	22.858	0.406
90	26.028	34.932	22.975	0.455
100	26.001	34.933	22.985	0.505
110	25.953	34.932	22.999	0.554
120	25.850	34.950	23.044	0.603
130	25.507	34.969	23.164	0.651
140	25.169	34.930	23.239	0.698
150	24.920	34.944	23.325	0.745
160	24.276	34.965	23.535	0.780
170	20.994	34.895	24.417	0.831
180	16.614	34.761	25.423	0.861
190	14.932	34.722	25.773	0.885
200	12.943	34.732	26.197	0.906
250	11.233	34.799	26.577	0.986
300	10.697	34.762	26.645	1.060
350	10.285	34.721	26.685	1.132
400	9.745	34.683	26.748	1.202
450	9.265	34.666	26.814	1.269
500	8.941	34.652	26.856	1.335
550	8.220	34.625	26.946	1.397
600	7.228	34.592	27.065	1.454
650	6.574	34.570	27.138	1.507
700	6.172	34.558	27.181	1.557
750	5.833	34.551	27.218	1.605
800	5.425	34.547	27.266	1.651
900	5.020	34.548	27.314	1.739
1000	4.561	34.554	27.372	1.822
1004	4.548	34.555	27.373	1.825

CAST GP7-96-KA-0291 DATE 13 DEC 96 TIME 1205 GMT
 LAT 04 00.6N LONG 154 59.6W WEATHER 1 SEA STATE 4
 BAROMETER 07 WIND DIR 101 T SPD 20 KT VISIBILITY 7
 CLOUD X AMOUNT 3 DRY 28.8 WET 23.4 DEPTH 4690 M



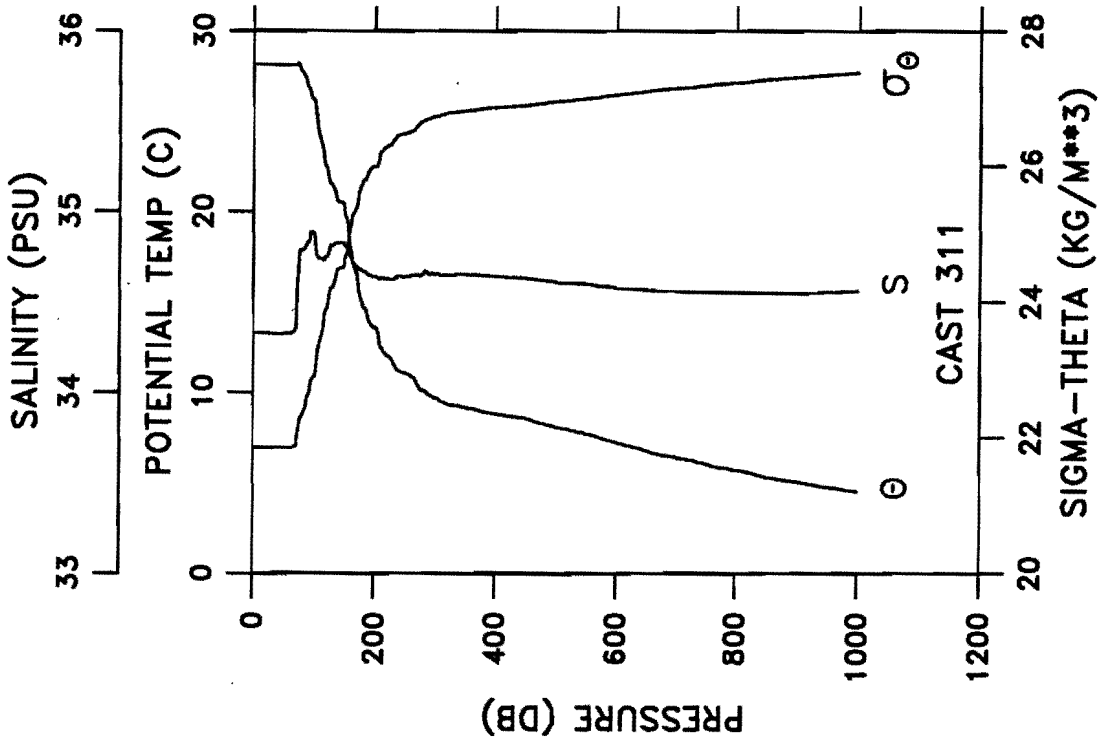
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.601	34.919	22.785	0.000
10	26.599	34.916	22.784	0.051
20	26.604	34.917	22.783	0.101
30	26.606	34.917	22.782	0.152
40	26.603	34.917	22.784	0.203
50	26.598	34.919	22.786	0.254
60	26.522	34.934	22.822	0.304
70	26.379	34.969	22.893	0.355
80	26.188	35.010	22.984	0.404
90	26.086	35.004	23.012	0.453
100	25.920	34.944	23.018	0.502
110	25.804	34.940	23.051	0.550
120	25.697	34.943	23.086	0.599
130	25.456	34.906	23.133	0.647
140	25.059	35.020	23.341	0.694
150	24.954	35.075	23.414	0.739
160	24.596	35.061	23.511	0.784
170	24.398	35.047	23.563	0.829
180	23.822	34.982	23.741	0.872
190	19.103	34.806	24.848	0.908
200	14.838	34.698	25.775	0.934
250	10.643	34.734	26.633	1.019
300	9.907	34.679	26.717	1.080
350	9.587	34.677	26.773	1.158
400	9.080	34.656	26.836	1.224
450	8.866	34.645	26.862	1.288
500	8.356	34.624	26.925	1.350
550	7.804	34.604	26.992	1.409
600	7.155	34.586	27.071	1.466
650	6.642	34.569	27.128	1.518
700	6.188	34.559	27.180	1.568
750	5.867	34.552	27.216	1.617
800	5.647	34.548	27.240	1.664
900	5.139	34.548	27.301	1.754
1000	4.593	34.557	27.370	1.838
1002	4.589	34.557	27.373	1.839

CAST GP7-96-KA-0301 DATE 13 DEC 96 TIME 2042 GMT
 LAT 05 00.4N LONG 154 54.8W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 090 T SPD 12 KT VISIBILITY 7
 CLOUD X AMOUNT 5 DRY 27.1 WET 24.0 DEPTH 4560 M



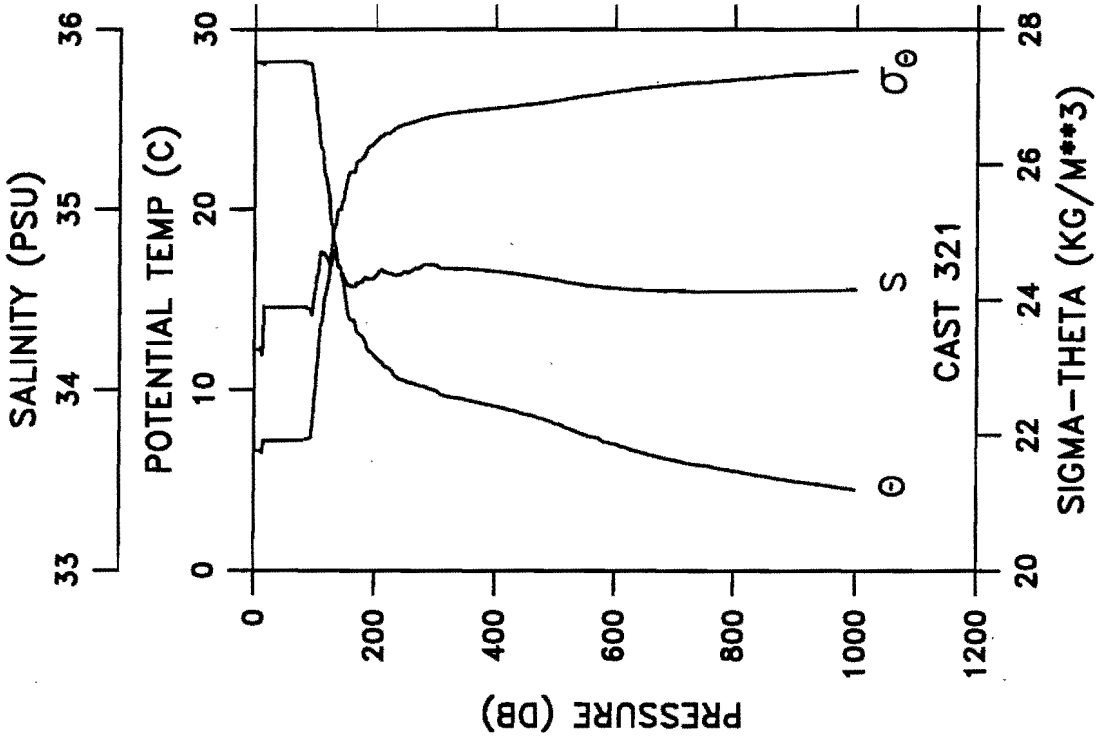
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.974	35.041	22.759	0.000
10	26.971	35.040	22.759	0.051
20	26.967	35.039	22.760	0.102
30	26.963	35.040	22.762	0.153
40	26.963	35.039	22.761	0.204
50	26.961	35.039	22.762	0.255
60	26.956	35.039	22.763	0.306
70	26.791	35.033	22.811	0.357
80	26.552	35.031	22.885	0.407
90	26.077	35.020	23.026	0.457
100	25.666	35.009	23.146	0.505
110	25.543	35.020	23.192	0.552
120	25.370	35.057	23.273	0.599
130	25.105	35.056	23.354	0.645
140	24.813	35.063	23.447	0.691
150	24.439	35.075	23.569	0.735
160	23.783	35.026	23.726	0.778
170	22.680	34.968	24.003	0.819
180	19.929	34.864	24.678	0.855
190	16.955	34.741	25.327	0.885
200	14.849	34.694	25.762	0.911
250	10.363	34.654	26.620	0.998
300	9.731	34.679	26.747	1.067
350	9.292	34.684	26.808	1.134
400	8.926	34.649	26.856	1.198
450	8.613	34.635	26.894	1.261
500	8.214	34.621	26.944	1.322
550	7.900	34.609	26.982	1.381
600	7.482	34.593	27.030	1.439
650	6.922	34.578	27.086	1.494
700	6.404	34.562	27.154	1.545
750	5.952	34.555	27.207	1.594
800	5.601	34.552	27.249	1.642
900	5.015	34.554	27.320	1.730
1000	4.476	34.561	27.386	1.813
1500	2.988	34.602	27.569	2.163
2000	2.068	34.642	27.679	2.442
2500	1.706	34.662	27.724	2.688
3000	1.505	34.672	27.746	2.924
3002	1.506	34.671	27.746	2.925

CAST GP7-96-KA-0311 DATE 14 DEC 96 TIME 0511 GMT
 LAT 05 59.8N LONG 154 56.0W WEATHER 1 SEA STATE 4
 BAROMETER 07 WIND DIR 108 T SPD 15 KT VISIBILITY 7
 CLOUD X AMOUNT 5 DRY 27.6 WET 24.2 DEPTH 4800 M

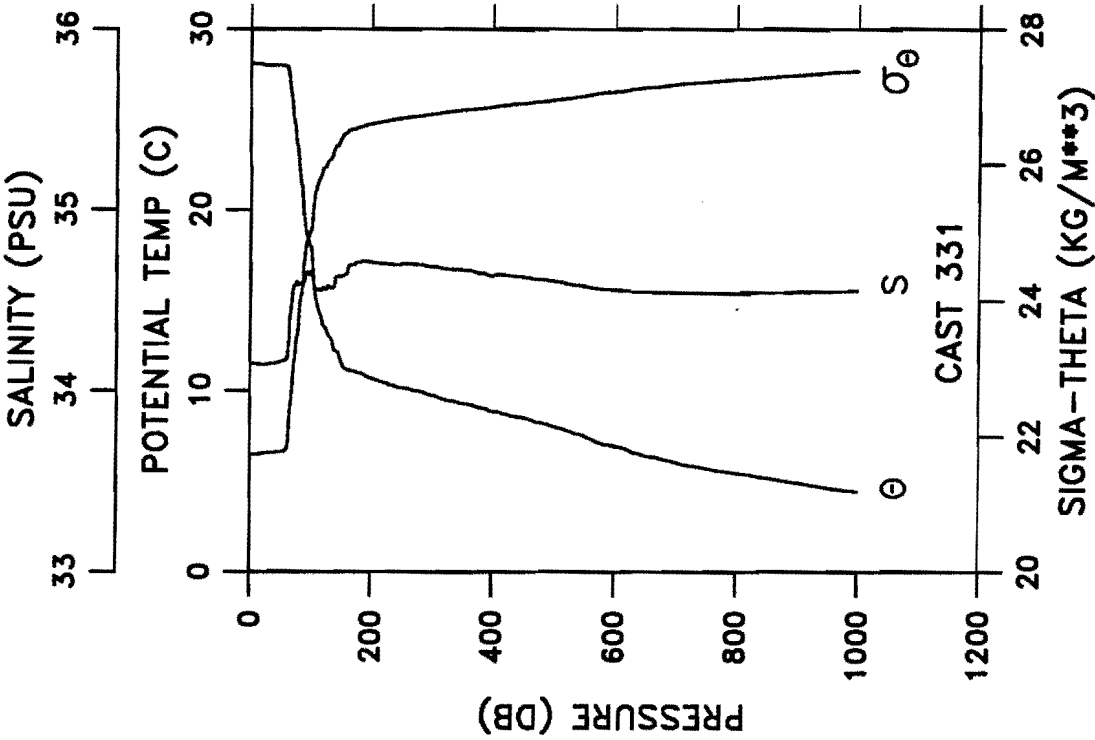


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.138	34.331	21.849	0.000
10	28.134	34.328	21.847	0.060
20	28.127	34.327	21.849	0.119
30	28.125	34.326	21.849	0.179
40	28.106	34.323	21.853	0.239
50	28.105	34.324	21.854	0.298
60	28.107	34.328	21.856	0.358
70	28.122	34.358	21.874	0.418
80	27.728	34.783	22.322	0.475
90	26.900	34.828	22.622	0.529
100	26.154	34.878	22.896	0.580
110	23.985	34.740	23.457	0.627
120	22.453	34.751	23.903	0.670
130	21.458	34.808	24.224	0.708
140	20.541	34.827	24.487	0.744
150	19.937	34.812	24.636	0.779
160	17.857	34.747	25.115	0.810
170	16.564	34.695	25.383	0.838
180	14.757	34.669	25.770	0.862
190	13.834	34.648	25.929	0.884
200	13.590	34.639	25.994	0.905
250	11.075	34.639	26.481	0.993
300	9.686	34.651	26.733	1.067
350	9.173	34.652	26.818	1.133
400	8.819	34.642	26.867	1.197
450	8.573	34.632	26.897	1.259
500	8.073	34.610	26.957	1.319
550	7.696	34.598	27.004	1.378
600	7.225	34.578	27.055	1.434
650	6.772	34.568	27.110	1.486
700	6.418	34.561	27.151	1.539
750	6.048	34.553	27.194	1.589
800	5.699	34.550	27.235	1.636
850	5.044	34.550	27.314	1.726
900	4.503	34.560	27.383	1.808
1000	4.494	34.560	27.383	1.812

CAST GP7-96-KA-0321 DATE 14 DEC 96 TIME 1218 GMT
 LAT 06 59.7N LONG 154 57.1W WEATHER 1 SEA STATE 4
 BAROMETER 06 WIND DIR 124 T SPD 09 KT VISIBILITY 7
 CLOUD X AMOUNT 5 DRY 25.5 WET 24.4 DEPTH 4800 M

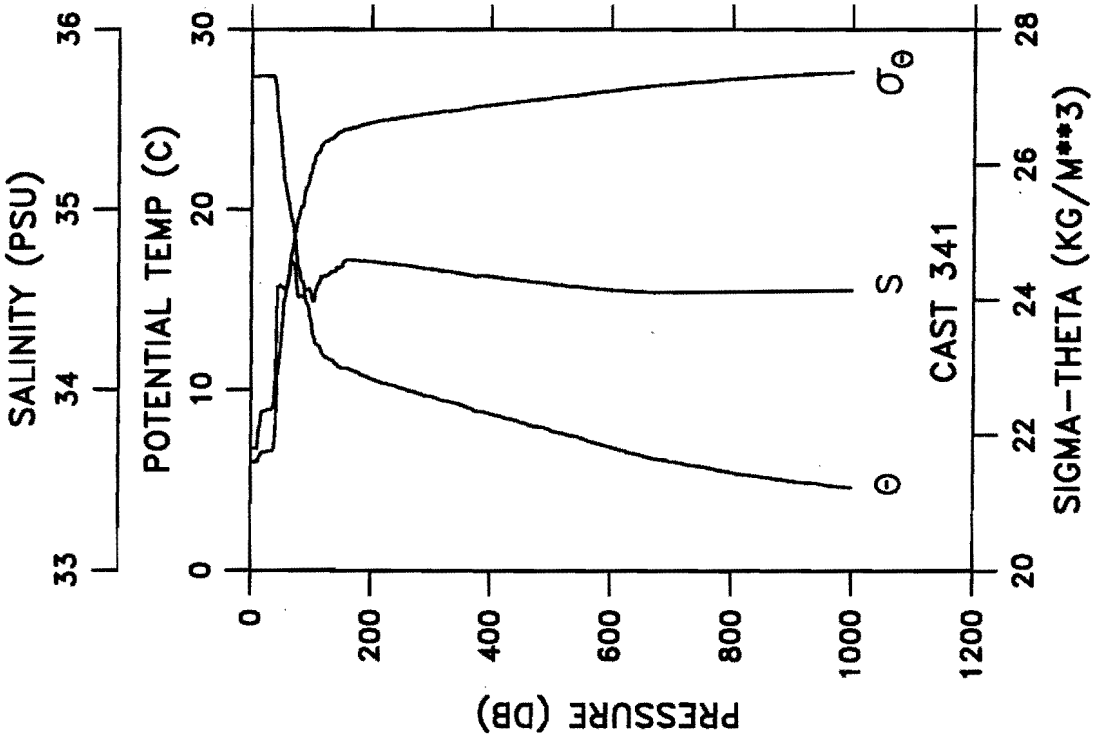


CAST GP7-96-KA-0331 DATE 15 DEC 96 TIME 0513 GMT
 LAT 07 58.2N LONG 154 59.7W WEATHER 1 SEA STATE 4
 BAROMETER 06 WIND DIR 086 T SPD 05 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 28.0 WET 24.8 DEPTH 5180 M



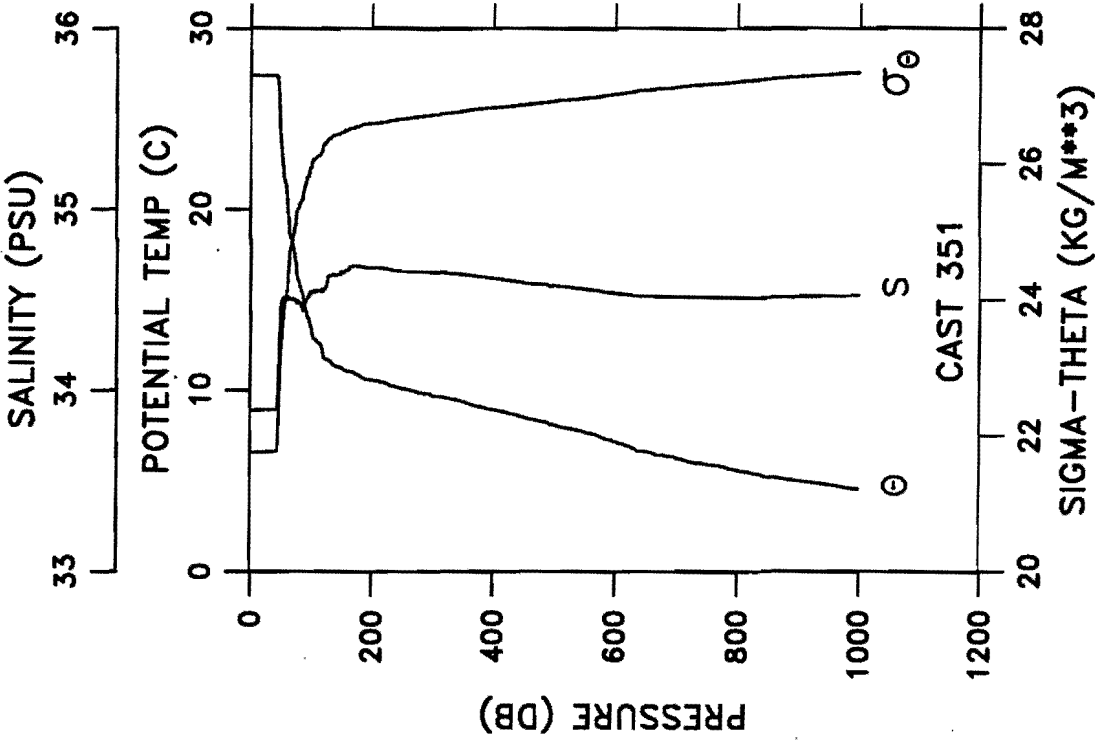
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.092	34.151	21.729	0.000
10	28.087	34.148	21.728	0.061
20	28.040	34.145	21.741	0.121
30	28.005	34.148	21.755	0.182
40	27.996	34.152	21.761	0.243
50	27.990	34.161	21.769	0.303
60	27.922	34.172	21.800	0.364
70	25.485	34.551	22.858	0.420
80	22.927	34.585	23.642	0.466
90	19.457	34.607	24.605	0.504
100	17.911	34.659	25.034	0.535
110	14.740	34.558	25.688	0.560
120	13.575	34.571	25.944	0.583
130	13.004	34.574	26.063	0.603
140	12.211	34.629	26.261	0.622
150	11.549	34.633	26.390	0.639
160	11.148	34.659	26.484	0.655
170	11.092	34.697	26.524	0.671
180	10.888	34.712	26.554	0.686
190	10.828	34.717	26.586	0.701
200	10.708	34.711	26.604	0.716
250	10.193	34.701	26.685	0.788
300	9.762	34.686	26.747	0.857
350	9.320	34.669	26.807	0.923
400	8.859	34.635	26.855	0.988
450	8.538	34.630	26.902	1.050
500	8.053	34.608	26.959	1.110
550	7.518	34.580	27.015	1.168
600	6.943	34.559	27.080	1.223
650	6.414	34.549	27.143	1.275
700	6.064	34.544	27.184	1.325
750	5.723	34.542	27.225	1.373
800	5.457	34.542	27.259	1.419
900	4.928	34.548	27.325	1.507
1000	4.432	34.555	27.386	1.588
1500	3.010	34.599	27.564	1.937
2000	2.087	34.639	27.675	2.222
2500	1.893	34.662	27.725	2.467
3000	1.502	34.671	27.746	2.702
3007	1.501	34.671	27.746	2.705

CAST GP7-86-KA-0341 DATE 15 DEC 96 TIME 1339 GMT
 LAT 09 00.3N LONG 155 11.9W WEATHER 2 SEA STATE 4
 BAROMETER 06 WIND DIR 149 T SPD 01 KT VISIBILITY 7
 CLOUD 8 AMOUNT 6 DRY 25.4 WET 23.7 DEPTH 5280 M



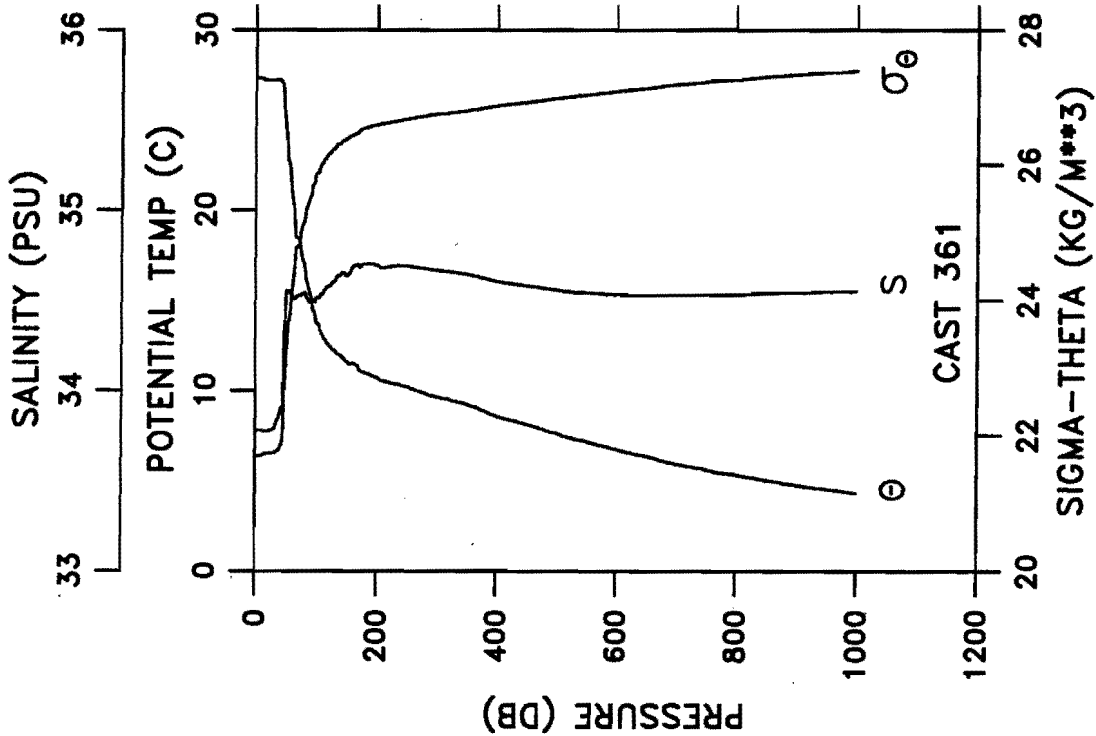
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.368	33.679	21.608	0.000
10	27.368	33.677	21.607	0.062
20	27.405	33.882	21.748	0.123
30	27.390	33.889	21.759	0.184
40	27.005	34.078	22.024	0.244
50	23.294	34.571	23.525	0.293
60	20.740	34.572	24.240	0.333
70	19.008	34.696	24.788	0.367
80	16.553	34.516	25.249	0.396
90	15.009	34.551	25.624	0.422
100	13.686	34.516	25.879	0.445
110	12.500	34.579	26.166	0.464
120	11.929	34.630	26.316	0.482
130	11.885	34.644	26.373	0.499
140	11.454	34.658	26.427	0.516
150	11.203	34.679	26.489	0.532
160	11.188	34.720	26.524	0.547
170	11.054	34.718	26.546	0.563
180	10.893	34.713	26.572	0.578
190	10.762	34.714	26.596	0.593
200	10.612	34.710	26.620	0.607
250	10.091	34.692	26.696	0.679
300	9.634	34.670	26.756	0.747
350	9.177	34.645	26.812	0.813
400	8.680	34.629	26.879	0.877
450	8.218	34.605	26.931	0.938
500	7.781	34.589	26.984	0.997
550	7.340	34.571	27.034	1.053
600	6.839	34.554	27.090	1.108
650	6.390	34.546	27.144	1.159
700	6.052	34.544	27.186	1.209
750	5.774	34.543	27.220	1.257
800	5.458	34.545	27.260	1.303
900	4.971	34.548	27.321	1.391
1000	4.599	34.553	27.367	1.474
1003	4.583	34.553	27.368	1.477

CAST GP7-96-KA-0351 DATE 15 DEC 96 TIME 2035 GMT
 LAT 10 00.2N LONG 155 24.4W WEATHER 5 SEA STATE 3
 BAROMETER 09 WIND DIR 106 T SPD 13 KT VISIBILITY 7
 CLOUD 7 AMOUNT 8 DRY 25.7 WET 24.4 DEPTH 5880 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.424	33.892	21.750	0.000
10	27.414	33.892	21.753	0.061
20	27.408	33.892	21.755	0.121
30	27.405	33.893	21.757	0.182
40	27.399	33.893	21.759	0.242
50	24.046	34.462	23.222	0.299
60	21.018	34.504	24.113	0.340
70	17.826	34.509	24.939	0.374
80	15.983	34.485	25.356	0.402
90	14.562	34.480	25.667	0.427
100	13.477	34.534	25.936	0.449
110	12.673	34.549	26.109	0.468
120	11.859	34.563	26.277	0.487
130	11.650	34.635	26.372	0.504
140	11.330	34.637	26.433	0.521
150	11.253	34.657	26.463	0.537
160	11.085	34.684	26.499	0.553
170	10.996	34.687	26.533	0.568
180	10.829	34.685	26.561	0.583
190	10.633	34.680	26.592	0.598
200	10.586	34.678	26.599	0.613
250	10.118	34.660	26.667	0.686
300	9.718	34.651	26.727	0.756
350	9.378	34.639	26.775	0.823
400	8.946	34.620	26.829	0.889
450	8.527	34.595	26.876	0.953
500	8.089	34.577	26.928	1.014
550	7.710	34.560	26.971	1.074
600	7.153	34.536	27.033	1.131
650	6.807	34.521	27.095	1.186
700	6.256	34.517	27.138	1.238
750	5.909	34.515	27.181	1.288
800	5.576	34.511	27.219	1.336
800	5.002	34.517	27.292	1.427
1000	4.534	34.525	27.351	1.513
1003	4.517	34.525	27.353	1.515

CAST GP7-86-KA-0361 DATE 16 DEC 96 TIME 0356 GMT
 LAT 11 00.0N LONG 155 37.7W WEATHER 1 SEA STATE 3
 BAROMETER 08 WIND DIR 054 T SPD 11 KT VISIBILITY 7
 CLOUD 8 AMOUNT 6 DRY 27.1 WET 24.7 DEPTH 5760 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.315	33.781	21.701	0.000
10	27.290	33.777	21.707	0.061
20	27.199	33.772	21.732	0.122
30	27.196	33.785	21.743	0.183
40	27.197	33.868	21.805	0.243
50	24.529	34.519	23.122	0.299
60	21.054	34.533	24.125	0.342
70	18.444	34.520	24.795	0.376
80	17.000	34.541	25.163	0.406
90	15.257	34.490	25.523	0.432
100	13.768	34.512	25.899	0.455
110	13.101	34.534	26.012	0.476
120	12.536	34.576	26.157	0.496
130	12.227	34.602	26.237	0.514
140	11.943	34.640	26.321	0.532
150	11.594	34.633	26.381	0.549
160	11.503	34.683	26.437	0.565
170	11.197	34.692	26.501	0.581
180	10.985	34.700	26.545	0.596
190	10.854	34.698	26.567	0.612
200	10.729	34.694	26.586	0.627
250	10.189	34.687	26.676	0.699
300	9.635	34.665	26.752	0.768
350	9.224	34.642	26.802	0.834
400	8.570	34.602	26.875	0.898
450	8.115	34.579	26.926	0.960
500	7.617	34.557	26.982	1.019
550	7.166	34.542	27.035	1.075
600	6.749	34.532	27.085	1.129
650	6.357	34.528	27.134	1.181
700	5.909	34.529	27.192	1.231
750	5.638	34.532	27.228	1.279
800	5.354	34.532	27.263	1.324
900	4.779	34.542	27.338	1.411
1000	4.332	34.549	27.393	1.492
1500	2.750	34.602	27.590	1.832
2000	1.983	34.639	27.684	2.105
2500	1.625	34.660	27.728	2.345
3000	1.406	34.672	27.754	2.575
3004	1.404	34.672	27.754	2.577

CAST GP7-96-KA-0011 LAT 08 00.6N LONG 170 04.7W CAST GP7-96-KA-0051 LAT 04 00.8N LONG 169 56.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
8.	28.846	33.887	28.844	21.283	5.	27.287	35.282	27.286	22.841
8.	28.844	33.888	28.842	21.284	200.	14.265	34.657	14.236	25.866
200.	10.675	34.675	10.651	26.590	601.	7.312	34.582	7.253	27.053
401.	8.799	34.635	8.755	26.871	803.	5.483	34.546	5.414	27.266
600.	6.879	34.557	6.822	27.095	1000.	4.618	34.560	4.537	27.374
1000.	4.518	34.557	4.438	27.387	1000.	4.620	34.554	4.540	27.373
1500.	3.053	34.601	2.945	27.571					
2000.	2.198	34.639	2.058	27.678					
2500.	1.864	34.660	1.686	27.724					
3000.	1.683	34.671	1.462	27.748					
3000.	1.683	34.672	1.462	27.748					

CAST GP7-96-KA-0021 LAT 07 00.6N LONG 169 58.3W CAST GP7-96-KA-0071 LAT 01 59.9N LONG 169 58.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
203.	10.744	34.617	10.719	26.529	8.	27.216	35.191	27.214	22.795
601.	6.706	34.558	6.650	27.119	501.	8.703	34.652	8.649	26.902
					751.	5.693	34.546	5.628	27.240
					1003.	4.441	34.557	4.361	27.395
					1003.	4.441	34.557	4.361	27.395

CAST GP7-96-KA-0121 LAT 02 59.9S LONG 170 02.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	28.471	35.597	28.469	22.692	6.	29.016	35.553	29.014	22.477
200.	14.248	35.136	14.219	26.243	202.	18.612	35.604	18.576	25.581
601.	7.438	34.606	7.378	27.054	502.	8.530	34.650	8.476	26.926
798.	5.591	34.545	5.522	27.253	601.	7.373	34.589	7.314	27.052
899.	5.050	34.539	4.975	27.313	701.	6.379	34.547	6.315	27.154
1003.	4.595	34.549	4.515	27.370	799.	5.571	34.531	5.502	27.243
1002.	4.594	34.546	4.513	27.370	902.	5.065	34.532	4.990	27.305
					1002.	4.561	34.540	4.481	27.369
					1000.	4.562	34.540	4.482	27.369

CAST GP7-96-KA-0111 LAT 04 59.4S LONG 170 00.3W

CAST GP7-96-KA-0151 LAT 05 59.6S LONG 170 00.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	28.720	35.562	28.718	22.583	3.	29.004	35.515	29.004	22.452
9.	28.718	35.566	28.716	22.584	202.	20.254	35.830	20.216	25.323
201.	17.834	35.502	17.799	25.694	500.	8.474	34.643	8.420	26.931
601.	7.338	34.595	7.279	27.062	599.	7.516	34.592	7.457	27.034
700.	6.456	34.564	6.391	27.158	701.	6.575	34.555	6.510	27.134
800.	5.880	34.545	5.809	27.218	800.	5.763	34.541	5.693	27.228
901.	5.135	34.532	5.060	27.297	900.	5.105	34.537	5.030	27.304
1001.	4.720	34.545	4.638	27.354	1001.	4.677	34.541	4.596	27.356
1001.	4.723	34.543	4.642	27.354	1001.	4.678	34.540	4.597	27.356

CAST GP7-96-KA-0131 LAT 03 59.8S LONG 170 01.0W

CAST GP7-96-KA-0161 LAT 06 59.3S LONG 170 01.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
6.	29.053	35.535	29.052	22.451
201.	20.121	35.802	20.083	25.352
602.	7.124	34.567	7.066	27.069
801.	5.481	34.538	5.413	27.261
1000.	4.695	34.540	4.614	27.354
1001.	4.689	34.541	4.608	27.355

CAST GP7-96-KA-0181 LAT 08 18.0S LONG 154 58.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
5.	28.849	35.541	28.848	22.521
11.	28.845	35.540	28.843	22.523
201.	19.888	35.757	19.851	25.381
603.	6.995	34.564	6.937	27.084
800.	5.529	34.529	5.460	27.247
1000.	4.381	34.537	4.303	27.386
1000.	4.379	34.536	4.300	27.386

CAST GP7-96-KA-0171 LAT 08 02.3S LONG 170 01.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
3.	29.294	35.462	29.293	22.315
200.	21.393	35.972	21.354	25.139
601.	6.558	34.548	6.502	27.131
800.	5.277	34.530	5.210	27.279
1000.	4.493	34.542	4.413	27.378
1000.	4.493	34.542	4.414	27.378

CAST GP7-96-KA-0191 LAT 06 59.8S LONG 154 58.3W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	28.217	35.538	28.215	22.730
9.	28.227	35.540	28.225	22.727
201.	19.180	35.706	19.144	25.484
600.	6.883	34.571	6.826	27.106
801.	5.512	34.539	5.443	27.257
1000.	4.599	34.541	4.519	27.366
1000.	4.600	34.541	4.520	27.366

CAST GP7-96-KA-0201 LAT 05 59.4S LONG 154 58.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
5.	28.242	35.563	28.240	22.741	10.	27.205	35.346	27.202	22.916
8.	28.241	35.562	28.239	22.742	10.	27.219	35.346	27.217	22.911
199.	19.027	35.640	18.992	25.492	249.	11.108	34.827	11.077	26.628
600.	7.709	34.609	7.649	27.020	502.	8.512	34.652	8.458	26.932
801.	5.666	34.540	5.596	27.240	750.	6.190	34.557	6.122	27.188
1000.	4.526	34.544	4.446	27.376	1004.	4.595	34.543	4.515	27.368
1000.	4.527	34.544	4.447	27.376	1004.	4.594	34.542	4.513	27.368

CAST GP7-96-KA-0221 LAT 03 59.9S LONG 154 44.4W

CAST GP7-96-KA-0231 LAT 01 58.1S LONG 155 02.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
11.	27.471	35.462	27.468	22.917	10.	26.646	35.361	26.644	23.105
11.	27.475	35.463	27.473	22.916	10.	26.646	35.363	26.644	23.105
202.	15.261	35.184	15.230	26.056	204.	13.750	35.076	13.720	26.302
601.	7.403	34.599	7.343	27.055	600.	7.243	34.591	7.185	27.072
800.	5.717	34.540	5.647	27.233	801.	5.669	34.543	5.600	27.243
1001.	4.637	34.541	4.557	27.361	1000.	4.585	34.549	4.505	27.373
1000.	4.641	34.540	4.561	27.361	1000.	4.587	34.548	4.506	27.373

CAST GP7-96-KA-0211 LAT 04 59.1S LONG 155 00.0W

CAST GP7-96-KA-0241 LAT 01 00.2S LONG 155 00.1W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	25.883	35.205	25.881	23.226	9.	26.102	34.976	26.100	22.986
11.	25.877	35.205	25.875	23.229	9.	26.102	34.976	26.100	22.986
199.	16.007	35.293	15.976	25.977	200.	13.738	34.805	13.710	26.097
598.	7.537	34.600	7.477	27.037	599.	6.976	34.574	6.918	27.095
801.	5.420	34.545	5.352	27.274	1003.	4.508	34.555	4.428	27.387
999.	4.458	34.556	4.379	27.393	1003.	4.509	34.555	4.429	27.387
999.	4.459	34.557	4.379	27.393					

CAST GP7-96-KA-0241 LAT 01 00.2S LONG 155 00.1W

CAST GP7-96-KA-0271 LAT 02 06.3N LONG 155 03.2W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
801.	5.599	34.547	5.530	27.253	10.	26.649	34.912	26.647	22.765
999.	4.389	34.558	4.310	27.402	202.	12.792	34.663	12.764	26.181
1500.	2.940	34.605	2.833	27.585	1001.	4.493	34.557	4.413	27.390
2000.	2.207	34.641	2.068	27.679	1500.	2.887	34.611	2.780	27.594
2501.	1.847	34.663	1.670	27.727	2000.	2.238	34.642	2.098	27.677
3001.	1.667	34.673	1.446	27.752	2499.	1.833	34.665	1.656	27.730
3002.	1.666	34.674	1.446	27.752	3000.	1.673	34.674	1.452	27.751
					3001.	1.673	34.676	1.452	27.751

CAST GP7-96-KA-0251 LAT 00 01.2S LONG 155 02.6W

CAST GP7-96-KA-0281 LAT 02 59.7N LONG 154 56.6W CAST GP7-96-KA-0301 LAT 05 00.4N LONG 154 54.8W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	26.582	34.895	26.580	22.774	10.	27.011	35.037	27.008	22.743
201.	12.156	34.701	12.130	26.333	10.	27.011	35.035	27.008	22.743
600.	7.221	34.585	7.163	27.069	2000.	2.213	34.642	2.073	27.678
800.	5.488	34.545	5.419	27.265	2501.	1.885	34.664	1.707	27.724
1003.	4.634	34.554	4.553	27.373	2999.	1.728	34.671	1.506	27.746
1002.	4.637	34.553	4.557	27.372	3001.	1.726	34.672	1.504	27.746

CAST GP7-96-KA-0291 LAT 04 00.6N LONG 154 59.6W CAST GP7-96-KA-0311 LAT 05 59.9N LONG 154 56.0W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	26.606	34.915	26.604	22.781	9.	28.154	34.332	28.152	21.845
200.	15.263	34.684	15.232	25.675	10.	28.155	34.333	28.153	21.844
600.	7.041	34.578	6.983	27.088	200.	13.583	34.626	13.555	25.991
800.	5.640	34.546	5.571	27.248	601.	7.203	34.572	7.144	27.063
1000.	4.657	34.556	4.576	27.372	801.	5.762	34.548	5.691	27.235
1000.	4.657	34.557	4.577	27.372	1000.	4.582	34.559	4.502	27.382
					1002.	4.579	34.560	4.499	27.382

CAST GP7-96-KA-0321 LAT 06 59.7N LONG 154 57.1W CAST GP7-96-KA-0341 LAT 09 00.3N LONG 155 11.9W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	28.204	34.461	28.201	21.925	10.	27.411	33.874	27.409	21.742
9.	28.203	34.460	28.201	21.925	10.	27.414	33.873	27.411	21.743
600.	6.933	34.560	6.876	27.090	599.	6.968	34.554	6.911	27.080
802.	5.587	34.544	5.517	27.253	798.	5.549	34.543	5.481	27.256
1001.	4.567	34.558	4.487	27.382	1001.	4.674	34.554	4.593	27.367
1001.	4.567	34.558	4.487	27.382	1001.	4.670	34.553	4.589	27.368

CAST GP7-96-KA-0331 LAT 07 58.2N LONG 154 59.7W CAST GP7-96-KA-0351 LAT 10 00.2N LONG 155 24.4W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)	PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
9.	28.033	34.152	28.031	21.749	10.	27.422	33.923	27.420	21.774
10.	28.034	34.151	28.031	21.749	10.	27.420	33.923	27.417	21.775
801.	5.483	34.542	5.414	27.264	601.	7.276	34.563	7.218	27.045
1004.	4.454	34.555	4.375	27.393	801.	5.682	34.538	5.613	27.236
2000.	2.212	34.640	2.072	27.677	1001.	4.604	34.553	4.524	27.374
2502.	1.872	34.663	1.694	27.724	1001.	4.606	34.551	4.525	27.374
3004.	1.723	34.672	1.501	27.746					
3004.	1.723	34.671	1.501	27.746					

CAST GP7-96-KA-0361 LAT 11 00.0N LONG 155 37.7W

PRES (DB)	TEMP (C)	SAL (PSS-78)	POT TEMP (C)	SIG-TH (KG/M3)
10.	27.326	33.797	27.324	21.710
10.	27.326	33.796	27.324	21.710
201.	10.911	34.693	10.887	26.558
1002.	4.396	34.547	4.317	27.393
2002.	2.100	34.641	1.962	27.687
2501.	1.798	34.661	1.621	27.728
3003.	1.625	34.673	1.405	27.754
3001.	1.626	34.672	1.406	27.754