

NOAA Data Report ERL PMEL-50



**CTD/O₂ MEASUREMENTS DURING 1991 AND 1992 AS PART OF THE
EQUATORIAL PACIFIC OCEAN CLIMATE STUDIES (EPOCS)**

K. McTaggart
L. Mangum

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noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / Environmental Research Laboratories

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CTD/O₂ Measurements During 1991 and 1992 as Part of the Equatorial Pacific Ocean Climate Studies (EPOCS)

K. McTaggart and L. Mangum

ABSTRACT. During 1991 and 1992, CTD/O₂ data were collected in the equatorial Pacific as part of the Equatorial Pacific Ocean Climate Studies (EPOCS) program. Summaries of Neil Brown Instrument System CTD/O₂ measurements and hydrographic data acquired on nine cruises and Sea-Bird CTD measurements and hydrographic data acquired on one cruise during 1991 and 1992 are presented. Section plots of oceanographic variables along the equator, 13°S, 95°W, 110°W, 125°W, 140°W, 155°W, and 170°W are given. Station location, meteorological conditions, abbreviated CTD/O₂ data listings, profiles, and potential temperature-salinity diagrams are shown for each cast. Hydrographic data are listed in the final section of this report.

1. INTRODUCTION

Oceanographic observations in the eastern equatorial Pacific have been collected since 1979 as part of NOAA's Equatorial Pacific Ocean Climate Studies (EPOCS) program. An objective of the EPOCS program is to investigate the processes that cause sea surface temperature fluctuations on annual and interannual time scales in this area. The Tropical Ocean Global Atmosphere (TOGA) research program investigates the dominant mechanisms that produce large scale, interannual variations of sea surface temperature in vast regions of the tropical Pacific Ocean. Both programs are designed to further understand the role of the tropical ocean in modifying the world's climate. The fall 1992 EPOCS cruises were combined with the Ocean-Atmosphere Carbon Dioxide Exchange program and the U.S. Joint Global Ocean Flux Study (JGOFS). The EPOCS/CO₂/JGOFS effort focussed on determining the concentrations of carbon species and describing ocean circulation in the upper ocean over the equatorial Pacific from 140°W to the coast of South America and then modeling the flux of carbon through that system. Summaries of Neil Brown Instrument System CTD/O₂ measurements and hydrographic data collected on nine cruises and Sea-Bird CTD measurements and hydrographic data collected on one cruise during 1991 and 1992 as part of PMEL's EPOCS, TOGA, CO₂, and JGOFS contributions are presented here. CTD/O₂ data from 1979 through 1990 can be found in previous data reports (Mangum *et al.*, 1980; Mangum and Hayes, 1983; Mangum and Hayes, 1985; Mangum *et al.*, 1987; Lynch *et al.*, 1988; Mangum *et al.*, 1993; McTaggart *et al.*, 1993).

Data collected in 1991 and 1992 included both meridional sections across the equator along 95°W, 110°W, 125°W, 140°W, 155°W, and 170°W, and zonal sections along the equator between 140°W and 110°W and along 13°S eastward of 95°W. Figures 1a-1j show the cruise tracks and CTD station locations for each cruise. Cruise name notation is either EPx-yy-zz or TGx-yy-zz, where x is the sequential EPOCS or TOGA cruise number during each year, yy is the year (91 or 92), and zz is the ship code (either MB for the NOAA ship *Malcolm Baldrige* or DI for the NOAA ship *Discoverer*).

Neil Brown Instrument Systems (NBIS) Mark IIIb CTDs were used to acquire data on all cruises except for TG2-92-DI which used a Sea-Bird 911plus CTD system. A Beckman dissolved oxygen probe was installed on EP1-91-MB and EP2-91-MB cruises only. Pressure, temperature, conductivity, and oxygen were sampled at a rate of 25 to 31 Hz (depending on the NBIS CTD) as described by Brown (1974) or 24 Hz for the Sea-Bird CTD. Typical lowering rates were 30 m/min to 50 meters, 45 m/min from 50 meters to 200 meters, and 60 m/min from 200 meters to depth. CTD/O₂ data were recorded on the downcast. Water samples were collected on the upcast for calibration purposes using an electronically fired rosette sampler.

2. CTD/O₂ DATA PROCESSING

Aboard the NOAA ship *Malcolm Baldrige*, CTD/O₂ data were collected using the shipboard Scientific Computer System (SCS) and AOML LOGGER software. Preliminary processing and calibration of the CTD/O₂ data were accomplished at sea using the shipboard microVAX system and PMEL programs. For those cruises aboard the NOAA ship *Discoverer*, NBIS CTD data were collected using a 286-AT personal computer equipped with EG&G Oceansoft, NBIS Mark III CTD acquisition software. PMEL microVAX computers and programs were aboard the *Discoverer* for preliminary processing and calibration of NBIS data at sea. Sea-Bird CTD data were collected using a microVAX 3100 computer equipped with PMEL/OERD acquisition and processing software.

Final calibrations for the conductivity and oxygen sensors were determined post-cruise by comparison with bottle data and applied to 1-decibar averaged data. Final processing of all CTD/O₂ data were completed at PMEL on a VAX computer system. Detailed information on the calibration and processing routines used are described in Mangum *et al.* (1991) and McTaggart *et al.* (1993).

3. DATA PRESENTATION

Potential temperature, sigma-t, and sigma-theta were calculated using the 1980 equation of state algorithms described by Fofonoff and Millard (1983). Dynamic height in dynamic meters was calculated by integrating from the sea surface. When the uppermost pressure was not equal to 0 db, surface values of temperature and salinity were filled with the values associated with the shallowest pressure for which values did exist (provided this pressure was less than 10 db).

Final data are in PMEL's Equatorial Pacific Information Collection (EPIC) format (Soreide and Hayes, 1988). The majority of the plots which follow were produced using Plot Plus Scientific Graphics System (Denbo, 1992). Tables 2-6 define the abbreviations and units used in the CTD/O₂ data summary listings. Hydrographic bottle data at discrete depths are listed in the final section.

4. ACKNOWLEDGMENTS

The assistance of the officers and crew of the NOAA ships *Malcolm Baldrige* and *Discoverer* are gratefully acknowledged. Salinity analyses and oxygen titrations were successfully completed by each ship's survey department personnel. We wish to thank LT Julia Neander, Sandy Choi,

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Soreide, N.N., and S.P. Hayes (1988): A system for management, display and analysis of oceanographic time series and hydrographic data. Fourth International Conference on Interactive Information and Processing Systems for Meteorology, Oceanography, and Hydrology. American Meteorological Society, Boston, J20-J22.

FIGURES AND TABLES

EP1-91-MB CRUISE TRACK
March 23 - April 19, 1991
Miami, FL - Honolulu, HI

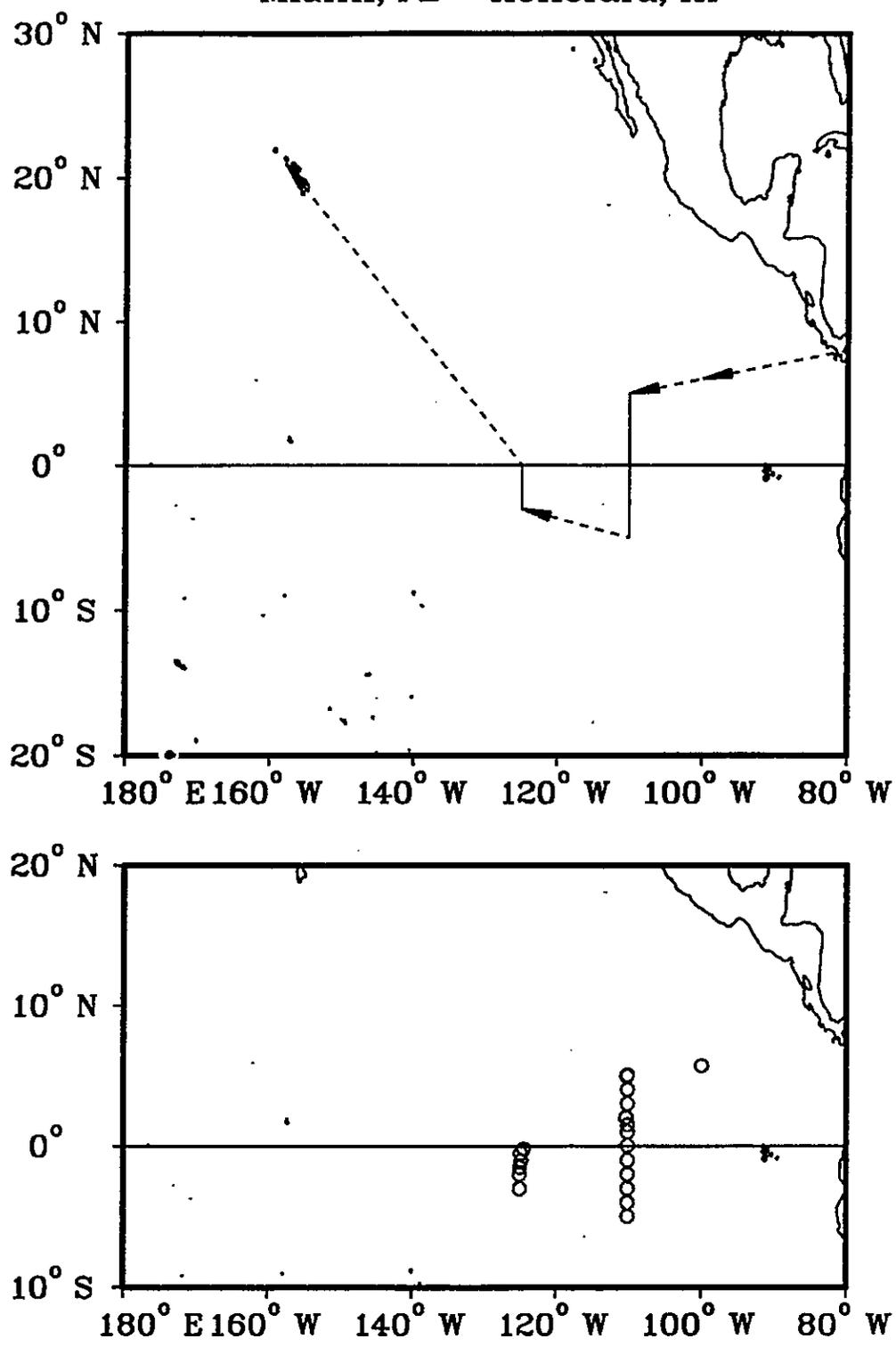


Fig. 1a. EP1-91-MB cruise track and station locations.

Table 1a. EP1-91-MB CTD/O₂ cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	5 41.7N	99 54.0W	1 APR 91	1621	70	14	3436	509
2	4 57.2N	110 4.4W	3 APR 91	1248	144	10	3900	2012
3	5 2.3N	110 0.7W	4 APR 91	338	156	10	3892	509
4	4 0.4N	109 59.8W	4 APR 91	921	138	12	3890	1005
5	3 0.3N	110 0.1W	4 APR 91	1504	147	9	3908	1009
6	2 0.6N	110 14.6W	5 APR 91	733	122	12	3928	3509
7	2 2.8N	110 10.3W	5 APR 91	2142	123	10	3928	505
8	1 30.4N	110 0.3W	6 APR 91	202	112	9	3805	1005
9	1 0.3N	109 59.9W	6 APR 91	528	117	9	3810	1006
10	0 3.0N	109 59.9W	6 APR 91	1044	115	11	3782	1005
11	1 0.2S	110 0.1W	6 APR 91	1617	60	9	3967	1006
12	2 0.1S	110 0.0W	6 APR 91	2126	90	8	3940	1005
13	3 0.0S	110 0.0W	7 APR 91	233	38	10	3800	1006
14	3 59.6S	110 0.4W	7 APR 91	805	60	16	3688	1006
15	4 56.9S	110 0.4W	8 APR 91	448	121	10	3571	1012
16	2 59.9S	125 0.3W	10 APR 91	1643	65	16	4535	1005
17	1 59.9S	125 0.6W	10 APR 91	2233	74	10	4734	4006
18	1 29.9S	125 0.2W	11 APR 91	323	75	9	4531	1006
19	0 59.9S	124 47.2W	11 APR 91	641	64	14	4758	1004
20	0 30.0S	124 53.8W	11 APR 91	956	62	15	4615	1012
21	0 10.1S	124 25.8W	12 APR 91	336	87	10	4636	1007

EP2-91-MB CRUISE TRACK
April 23 - May 26, 1991
Honolulu, HI - Miami, FL

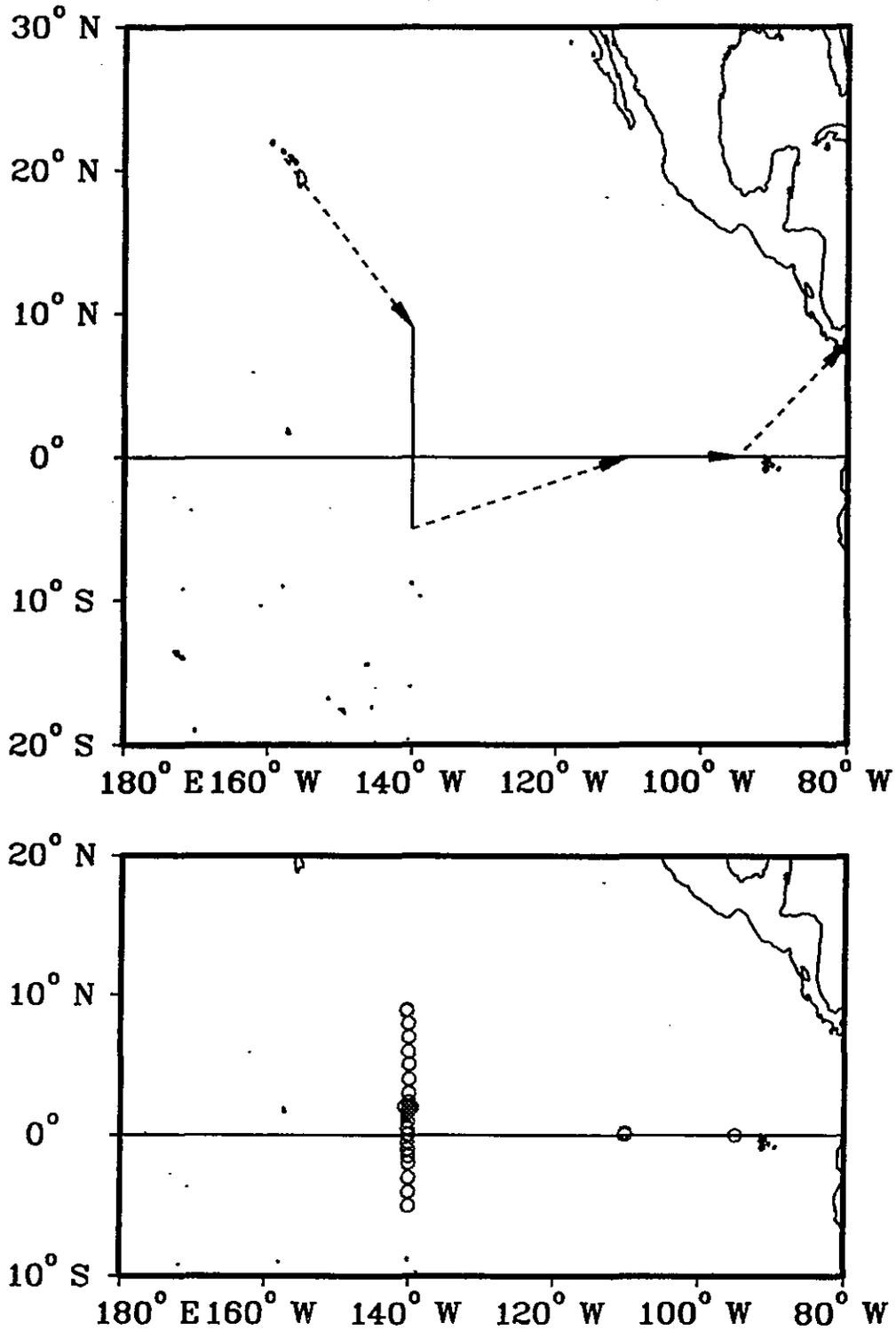


Fig. 1b. EP2-91-MB cruise track and station locations.

Table 1b. EP2-91-MB CTD/O₂ cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
22	8 53.4N	140 15.4W	29 APR 91	1234	33	20	4848	2508
23	8 57.8N	140 18.1W	30 APR 91	803	51	28	4848	508
24	8 0.0N	140 0.1W	30 APR 91	1455	29	24	5002	1007
25	7 1.9N	139 57.8W	30 APR 91	2006	45	22	4922	1006
26	5 59.7N	140 0.4W	1 MAY 91	808	58	18	4841	1005
27	5 5.0N	140 0.0W	1 MAY 91	1339	32	8	4432	1004
28	4 0.1N	140 0.0W	2 MAY 91	54	109	10	4340	1006
29	3 0.3N	139 59.9W	2 MAY 91	613	77	10	4284	1007
30	2 4.4N	140 1.2W	2 MAY 91	1144	67	10	4365	2507
31	1 59.8N	140 3.3W	3 MAY 91	552	132	10	4359	503
32	2 23.5N	140 2.2W	3 MAY 91	1603	110	17	4300	253
33	2 4.2N	140 35.1W	4 MAY 91	1602	110	13	4150	253
34	2 1.1N	139 33.2W	5 MAY 91	1606	55	8	4175	252
35	1 40.4N	140 5.2W	6 MAY 91	1604	120	15	4175	260
36	1 30.4N	140 7.0W	7 MAY 91	59	108	14	4305	1005
37	1 0.0N	140 7.0W	7 MAY 91	418	109	16	4305	1004
38	0 29.6N	140 10.0W	7 MAY 91	728	83	12	4216	1004
39	0 2.9N	140 3.1W	8 MAY 91	722	93	20	4171	1006
40	0 29.6S	140 8.7W	8 MAY 91	1118	119	18	4340	1005
41	1 0.0S	140 6.0W	8 MAY 91	1436	116	20	4241	1005
42	1 30.0S	140 3.0W	8 MAY 91	1744	109	22	4175	1004
43	1 58.8S	140 0.0W	8 MAY 91	2031	104	16	3900	1004
44	3 0.0S	140 0.0W	9 MAY 91	321	90	16	4402	1005
45	4 0.0S	140 0.0W	9 MAY 91	819	81	13	4370	1005
46	5 0.0S	140 0.0W	10 MAY 91	632	56	7	4333	2508
47	0 10.0N	109 59.9W	15 MAY 91	338	94	14	3631	2506
48	0 2.4N	110 1.3W	16 MAY 91	2049	139	14	3600	506
49	0 0.0S	94 59.2W	19 MAY 91	825	170	10	3334	1004

TG1-91-DI CRUISE TRACK
July 7 - 27, 1991
Seattle, WA - Hilo, HI

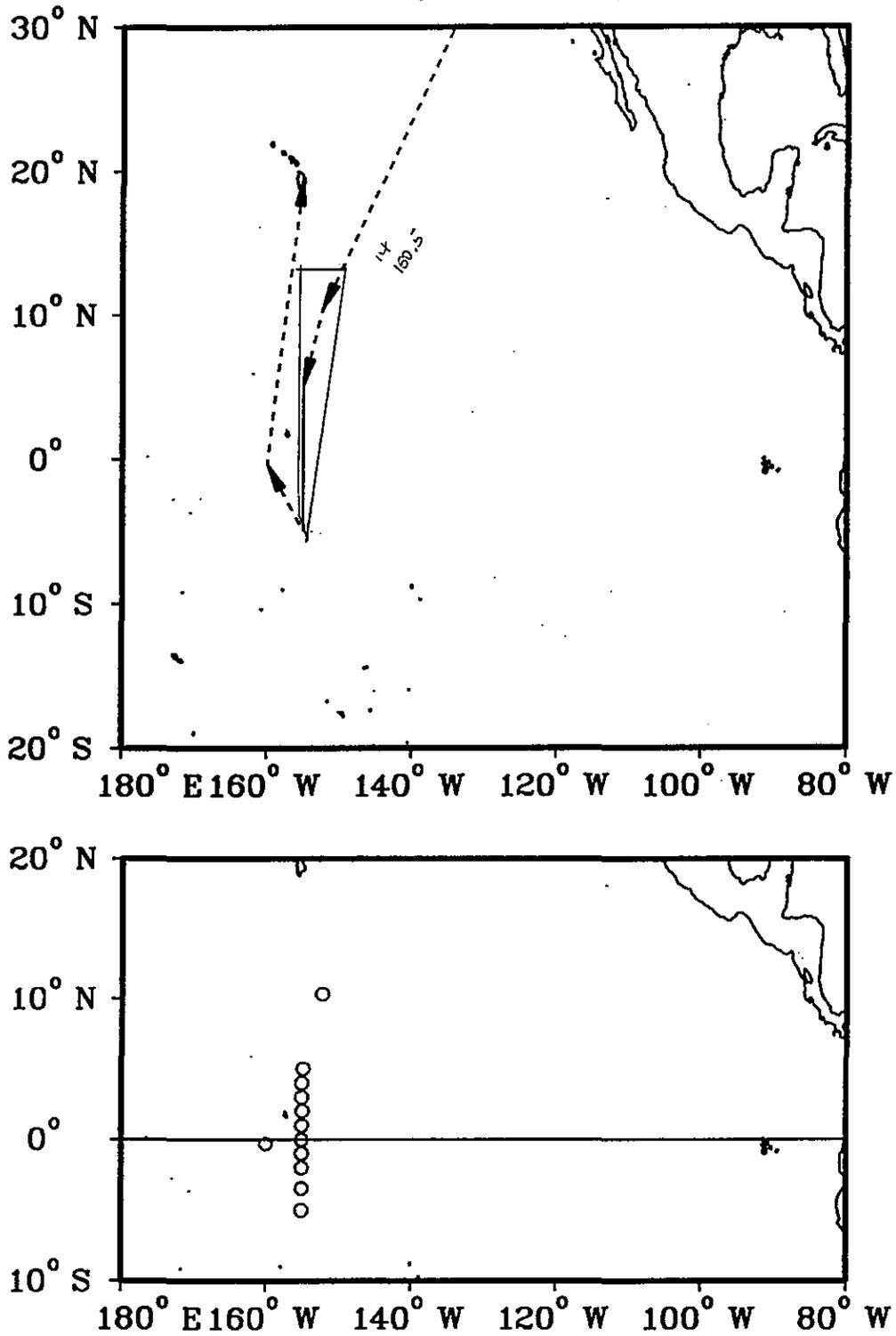


Fig. 1c. TG1-91-DI cruise track and station locations.

Table 1c. TG1-91-DI CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	10 20.2N	152 18.3W	15 JUL 91	1833	0	0	5300	104
2	5 2.2N	154 49.5W	17 JUL 91	912	165	4	4618	1004
3	4 0.2N	154 59.9W	17 JUL 91	1707	60	7	4679	1006
4	2 59.9N	155 0.0W	18 JUL 91	50	50	18	4723	1007
5	2 2.1N	154 55.1W	18 JUL 91	1530	40	7	4639	1005
6	1 0.1N	155 0.0W	19 JUL 91	842	100	13	4760	1004
7	0 1.6S	155 1.7W	19 JUL 91	1944	110	18	4707	1005
8	0 59.8S	155 0.0W	20 JUL 91	1317	75	17	4727	1006
9	2 1.5S	155 1.1W	20 JUL 91	2311	90	20	4686	1004
10	3 29.9S	155 0.1W	21 JUL 91	1646	30	10	5033	1003
11	5 1.6S	155 1.0W	22 JUL 91	303	90	19	4526	1004
12	0 18.9S	159 57.9W	24 JUL 91	38	100	12	2033	503

EP3-91-DI CRUISE TRACK
October 15 – November 13, 1991
Seattle, WA – Honolulu, HI

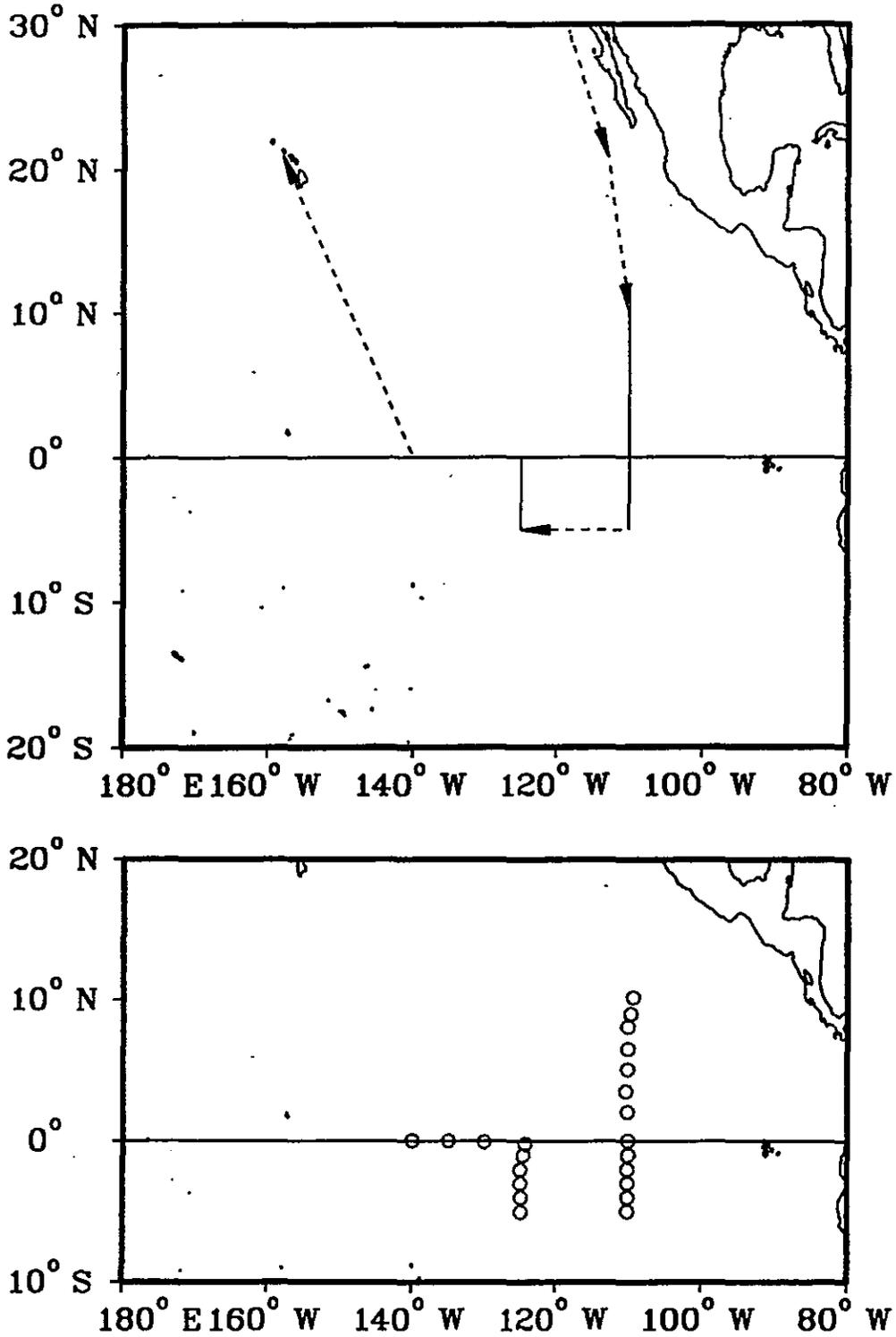


Fig. 1d. EP3-91-DI cruise track and station locations.

Table 1d. EP3-91-DI CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
0	20 49.9N	112 56.2W	21 OCT 91	1730	0	0	3594	999
1	10 9.5N	109 17.5W	23 OCT 91	2359	70	10	2974	999
2	9 0.0N	109 38.1W	24 OCT 91	703	70	8	3794	997
3	8 4.1N	110 3.0W	25 OCT 91	704	0	2	4062	1003
4	6 29.8N	110 2.9W	25 OCT 91	1528	190	9	3645	995
5	5 2.6N	109 59.2W	25 OCT 91	2323	195	15	3968	1000
6	3 29.8N	110 15.2W	26 OCT 91	810	180	13	3848	1000
7	2 2.6N	110 2.8W	27 OCT 91	542	190	16	3765	996
8	0 1.2N	109 59.8W	28 OCT 91	758	145	16	3830	3604
9	0 59.6S	109 58.7W	29 OCT 91	755	100	14	3978	1001
10	2 0.2S	110 0.6W	30 OCT 91	640	110	18	3947	999
11	2 59.6S	110 0.2W	30 OCT 91	1234	110	17	3773	999
12	4 0.2S	110 0.0W	30 OCT 91	1836	90	16	3826	997
13	4 59.8S	110 1.9W	31 OCT 91	317	120	18	3658	989
14	5 2.1S	124 54.2W	3 NOV 91	18	80	17	4531	1010
15	3 59.7S	124 52.9W	3 NOV 91	718	85	16	4532	1003
16	2 59.6S	124 56.5W	3 NOV 91	1301	100	20	4586	1004
17	2 1.2S	124 55.7W	4 NOV 91	418	90	14	4645	1004
18	1 0.1S	124 36.0W	4 NOV 91	1137	85	13	4673	1007
19	0 12.3S	124 21.7W	4 NOV 91	2022	85	14	4732	4616
20	0 3.3S	130 0.8W	6 NOV 91	33	140	12	4536	1005
21	0 0.5N	134 59.9W	6 NOV 91	2256	130	12	4371	1008
22	0 0.3N	140 1.0W	8 NOV 91	500	95	14	4288	4108
23	0 2.3N	140 1.8W	9 NOV 91	228	110	17	4318	499
24	0 1.2N	140 2.6W	9 NOV 91	314	110	18	4310	500
25	0 1.3N	140 1.8W	9 NOV 91	355	100	18	4294	499

EP4-91-DI CRUISE TRACK
November 18 - December 15, 1991
Honolulu, HI - Seattle, WA

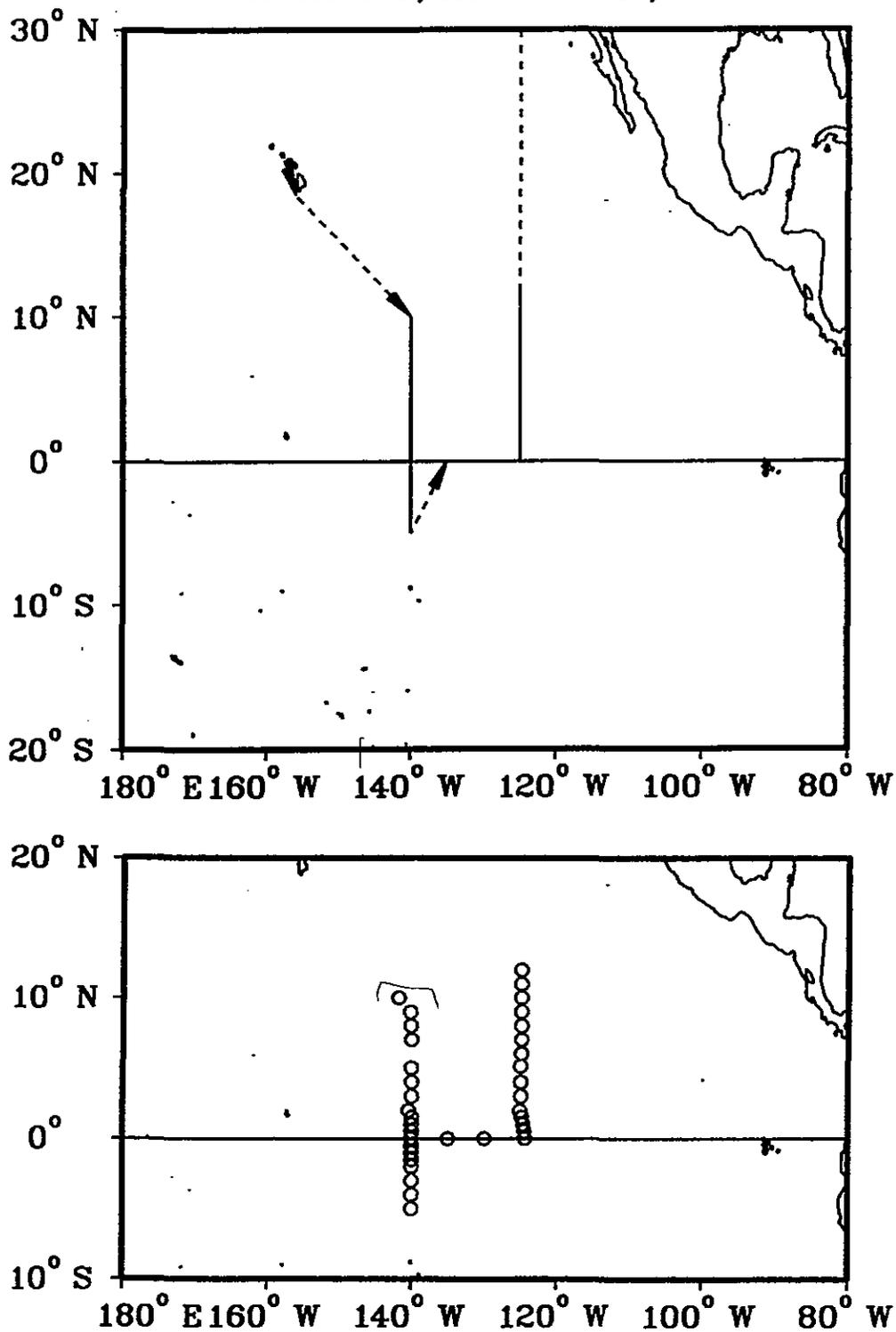


Fig. 1e. EP4-91-DI cruise track and station locations.

Table 1e. EP4-91-DI CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	10 0.1N	141 53.9W	22 NOV 91	744	55	18	5045	1008
2	8 58.3N	140 16.8W	22 NOV 91	1844	75	26	4878	1010
3	8 0.0N	140 12.1W	23 NOV 91	228	60	23	5133	1017
4	6 59.8N	140 8.0W	23 NOV 91	828	100	12	4955	1008
5	5 0.2N	140 2.4W	24 NOV 91	1035	110	19	4339	1001
6	4 0.4N	140 0.1W	24 NOV 91	1640	100	20	4352	1016
7	2 59.8N	140 0.0W	24 NOV 91	2235	95	20	4299	1004
8	1 59.2N	140 25.6W	25 NOV 91	548	85	12	4600	1007
9	1 30.0N	140 0.0W	25 NOV 91	1015	70	17	4437	1011
10	0 59.9N	140 0.2W	25 NOV 91	1410	140	22	4326	1019
11	0 30.1N	140 0.0W	25 NOV 91	1756	105	20	4346	1008
12	0 0.4N	140 2.2W	26 NOV 91	325	100	17	4292	510
13	0 2.1N	140 2.1W	26 NOV 91	422	100	15	4313	511
14	0 0.0N	140 3.5W	26 NOV 91	643	110	14	4309	4121
15	0 30.1S	139 59.7W	26 NOV 91	1144	115	18	4291	1006
16	0 59.9S	139 59.8W	26 NOV 91	1527	125	19	4268	1012
17	1 30.0S	140 0.0W	26 NOV 91	1908	100	17	4326	1006
18	2 0.0S	139 59.9W	27 NOV 91	1219	105	11	4250	4014
19	2 59.9S	139 59.8W	28 NOV 91	655	85	18	4509	1007
20	4 0.2S	140 0.0W	28 NOV 91	1304	95	16	4475	1010
21	5 0.4S	140 0.5W	28 NOV 91	2211	65	18	4373	4159
22	0 0.3S	135 0.4W	30 NOV 91	945	85	18	4377	4259
23	0 0.0N	129 59.5W	1 DEC 91	1329	110	12	4381	4209
24	0 0.8N	124 25.7W	3 DEC 91	1148	100	15	4755	4511
25	0 30.2N	124 32.6W	4 DEC 91	334	115	14	4619	1006
26	1 0.3N	124 41.5W	4 DEC 91	702	90	14	4587	1005
27	1 30.0N	124 51.9W	4 DEC 91	1033	125	18	4705	1006
28	1 57.0N	125 6.5W	5 DEC 91	845	125	20	4733	4510
29	3 0.1N	125 0.0W	5 DEC 91	1541	130	15	4461	1009
30	4 0.0N	125 0.1W	5 DEC 91	2113	130	18	4489	1005
31	5 7.5N	125 1.0W	6 DEC 91	1100	190	12	4378	4159
32	6 0.0N	125 0.9W	7 DEC 91	641	0	0	4425	1006
33	7 0.4N	124 59.9W	7 DEC 91	1201	330	5	4575	1011
34	7 59.9N	124 59.5W	7 DEC 91	1725	75	20	4690	1006
35	9 0.0N	124 59.8W	7 DEC 91	2316	45	20	4717	1005
36	10 0.1N	125 0.0W	8 DEC 91	457	50	17	4666	1010
37	10 59.4N	125 0.0W	8 DEC 91	1026	50	18	4695	1006
38	12 0.2N	125 0.1W	8 DEC 91	1541	50	12	4731	1018

TG1-92-DI CRUISE TRACK
February 19 - March 31, 1992
Seattle, WA - Hilo, HI - Seattle, WA

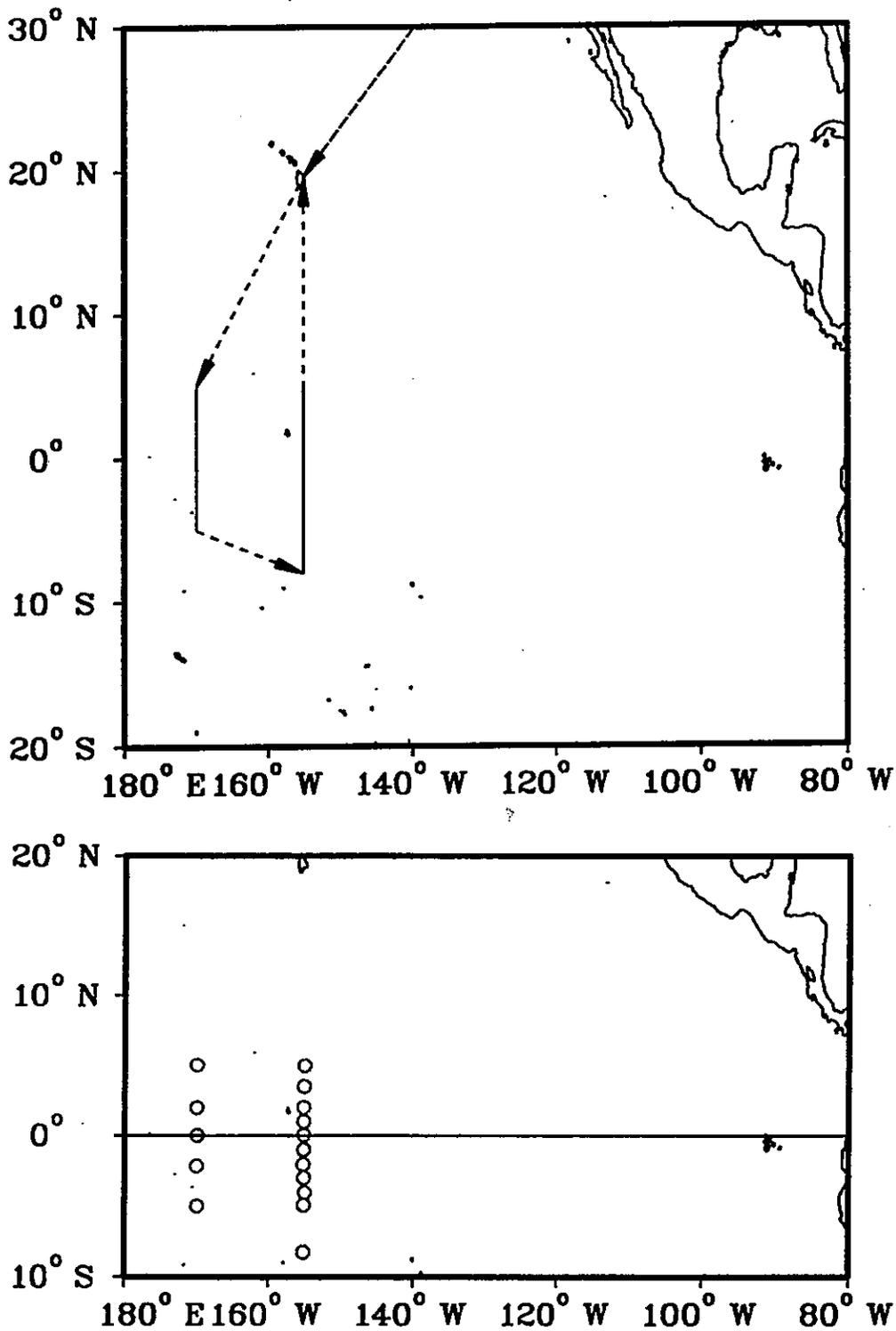


Fig. 1f. TG1-92-DI cruise track and station locations.

Table 1f. TG1-92-DI CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	5 0.2N	170 1.0W	3 MAR 92	1813	55	20	5632	1017
2	1 58.7N	170 3.3W	4 MAR 92	2058	30	11	5413	1004
3	0 0.4N	170 0.3W	6 MAR 92	1440	80	14	5366	5104
4	2 9.5S	170 3.0W	8 MAR 92	806	140	15	4867	503
5	5 0.8S	169 59.4W	10 MAR 92	941	300	6	5401	1004
6	8 16.6S	154 59.8W	13 MAR 92	1453	355	10	5343	1000
7	4 57.1S	154 58.5W	14 MAR 92	2056	150	10	5098	1009
8	4 4.0S	154 50.8W	15 MAR 92	350	112	6	1707	998
9	3 0.0S	154 58.8W	15 MAR 92	939	104	11	4898	1010
10	2 2.5S	155 4.0W	15 MAR 92	1505	75	15	5006	1005
11	0 59.8S	155 0.4W	16 MAR 92	317	135	8	4744	1002
12	0 2.3N	155 0.8W	16 MAR 92	1150	60	14	4673	1007
13	1 0.1N	155 0.1W	16 MAR 92	1717	72	19	4762	1004
14	2 0.1N	155 1.5W	17 MAR 92	7	65	19	4701	1003
15	3 29.7N	154 57.8W	18 MAR 92	1450	30	17	4748	1000
16	4 57.4N	154 53.4W	19 MAR 92	18	0	3	4613	1006

TG2-92-DI CRUISE TRACK
July 27 - August 29, 1992
Seattle, WA - Hilo, HI

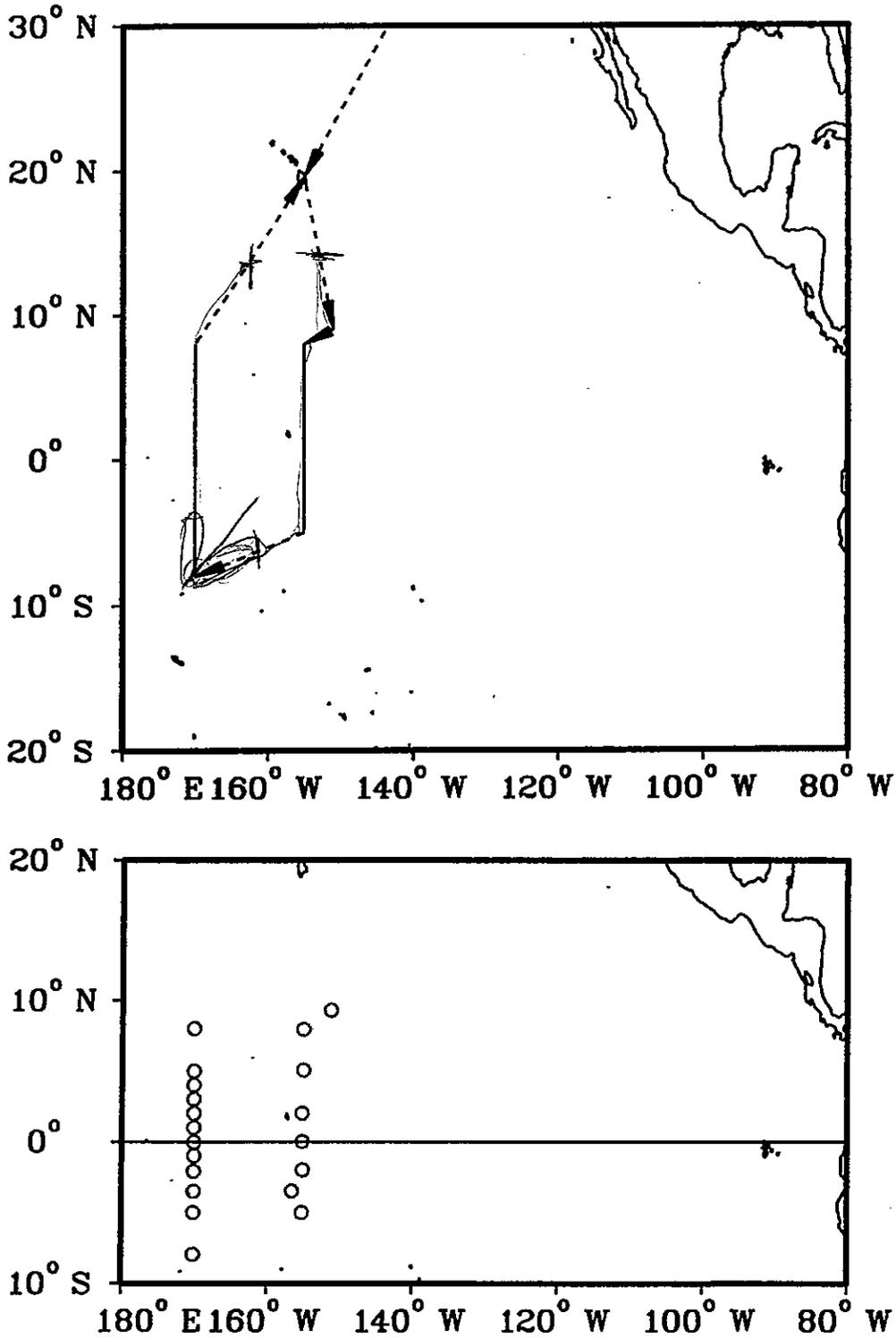


Fig. 1g. TG2-92-DI cruise track and station locations.

Table 1g. TG2-92-DI CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	9 18.0N	151 10.9W	9 AUG 92	444	196	10	4943	1010
2	7 55.8N	154 56.5W	10 AUG 92	1438	201	11	5122	1003
3	5 2.7N	154 55.0W	12 AUG 92	916	146	10	4594	1005
4	2 0.1N	155 6.3W	13 AUG 92	653	97	11	4651	1010
5	0 0.6N	155 3.7W	14 AUG 92	852	110	9	4690	1004
6	1 59.0S	154 59.3W	15 AUG 92	1041	111	11	4971	1003
7	3 28.9S	156 28.3W	16 AUG 92	507	80	15	5158	1002
8	4 59.4S	155 4.7W	16 AUG 92	1549	105	19	3273	1004
9	7 57.0S	170 2.9W	20 AUG 92	1045	114	6	5337	1011
10	5 0.2S	170 2.8W	21 AUG 92	831	71	8	5400	1003
11	3 30.5S	170 0.8W	21 AUG 92	1610	61	15	4887	1002
12	2 5.5S	170 1.0W	22 AUG 92	235	63	11	4996	1002
13	0 59.8S	170 0.2W	22 AUG 92	805	131	13	5366	1002
14	0 1.9S	170 1.4W	22 AUG 92	1348	72	12	0	1003
15	1 0.3N	170 2.4W	22 AUG 92	1937	70	12	5424	1012
16	1 59.7N	170 1.4W	23 AUG 92	238	116	12	5372	1004
17	3 0.0N	170 1.8W	23 AUG 92	751	97	12	5439	1002
18	3 59.5N	170 1.6W	23 AUG 92	1322	111	15	5626	1005
19	4 58.5N	170 1.7W	23 AUG 92	1840	153	17	5680	1003
20	7 58.8N	170 3.2W	24 AUG 92	1109	112	6	5520	1007

EP5-92-DI CRUISE TRACK
September 6 - October 11, 1992
Hilo, HI - Manzanillo, Mexico

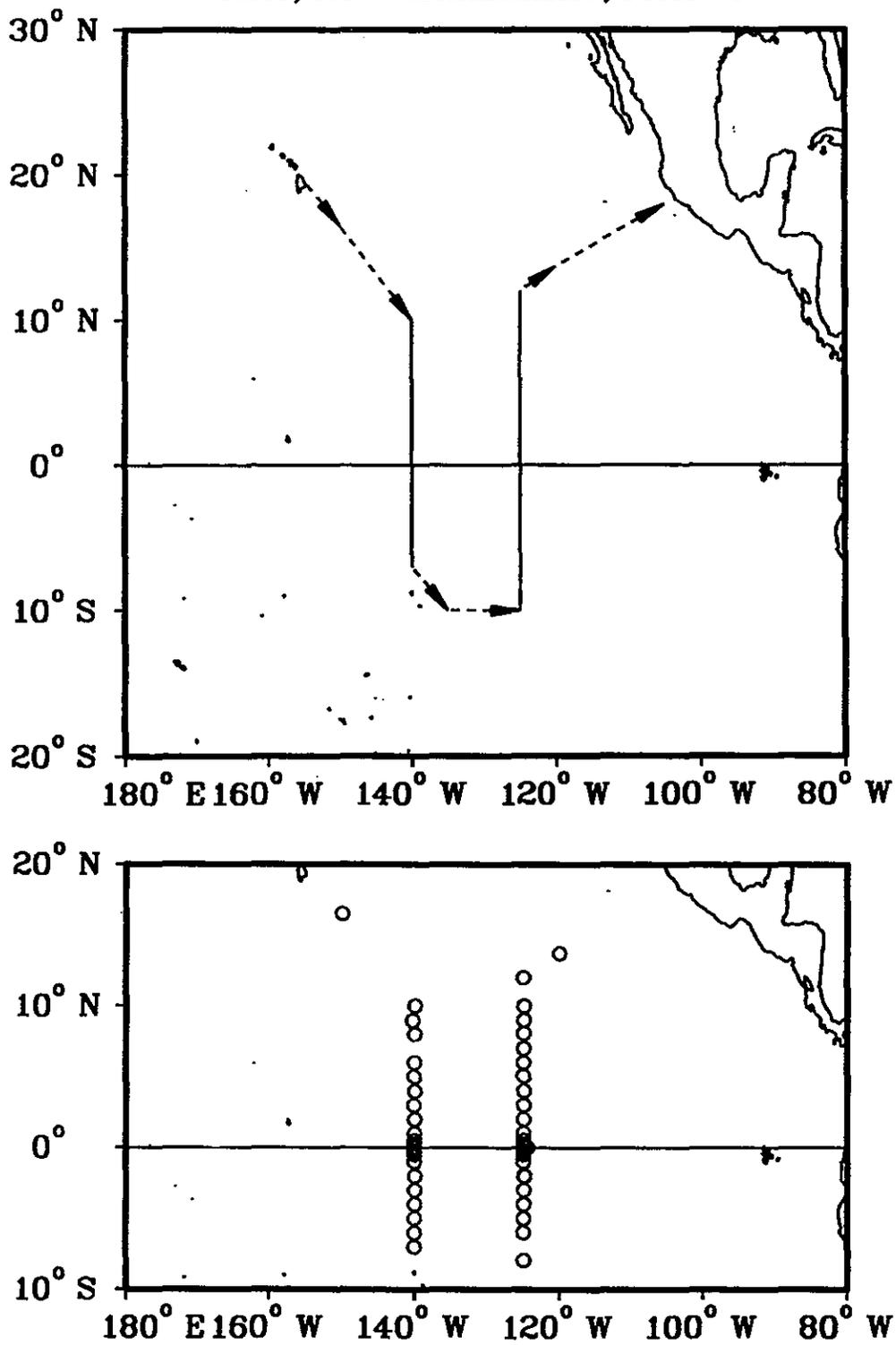


Fig. 1h. EP5-92-DI cruise track and station locations.

Table 1h. EP5-92-DI CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
1	16 29.7N	149 53.9W	7 SEP 92	1936	60	18	0	1018
2	10 0.4N	139 59.4W	9 SEP 92	317	120	7	0	1000
3	8 57.7N	140 18.2W	9 SEP 92	1244	130	5	0	1003
4	8 0.0N	140 0.0W	10 SEP 92	2154	130	8	0	1004
5	6 0.3N	140 0.0W	11 SEP 92	918	120	10	0	1004
6	5 0.4N	140 3.3W	11 SEP 92	1542	105	13	0	1006
7	5 0.2N	140 3.4W	12 SEP 92	749	120	7	0	502
8	3 58.3N	140 0.4W	12 SEP 92	1404	130	11	0	996
9	2 59.4N	140 7.2W	12 SEP 92	1953	115	10	0	1004
10	1 59.6N	140 0.3W	13 SEP 92	755	110	10	0	1004
11	1 0.0N	139 59.8W	13 SEP 92	1434	85	11	0	1004
12	0 29.7N	140 0.1W	13 SEP 92	1840	100	11	0	1008
13	0 0.2N	140 0.0W	14 SEP 92	634	95	12	0	1002
14	0 15.0N	139 59.4W	14 SEP 92	959	95	13	0	1005
15	0 15.0S	139 59.8W	14 SEP 92	1414	80	14	0	1005
16	0 0.3N	139 59.7W	15 SEP 92	440	60	14	0	1003
17	0 29.7S	139 59.9W	15 SEP 92	832	75	13	0	1003
18	0 59.4S	139 59.9W	15 SEP 92	1351	65	13	0	1004
19	2 0.6S	140 0.9W	16 SEP 92	409	90	15	0	1003
20	2 59.9S	140 0.1W	16 SEP 92	1047	100	18	0	1004
21	3 59.6S	140 0.2W	16 SEP 92	1734	100	16	0	1003
22	4 58.4S	140 1.4W	17 SEP 92	210	90	15	0	1003
23	6 0.1S	140 0.1W	17 SEP 92	1101	100	20	0	1003
25	7 0.3S	140 0.0W	17 SEP 92	2102	95	20	0	1005
26	10 0.1S	135 0.5W	19 SEP 92	25	115	16	0	1003
27	10 0.1S	125 0.0W	20 SEP 92	2040	80	18	0	1008
28	7 57.6S	125 1.7W	22 SEP 92	213	90	14	0	1001
29	5 59.8S	125 0.1W	22 SEP 92	1250	105	11	0	1004
30	5 0.0S	125 0.1W	23 SEP 92	705	80	11	0	1005
31	4 0.1S	125 0.0W	23 SEP 92	1747	90	12	0	1005
32	3 0.0S	125 0.1W	24 SEP 92	141	100	11	0	1003
33	2 0.0S	125 0.0W	24 SEP 92	806	85	13	0	1003
34	2 1.2S	124 53.6W	25 SEP 92	308	90	13	0	504
35	0 59.9S	124 59.6W	25 SEP 92	915	85	12	0	1004
36	0 29.9S	124 59.7W	25 SEP 92	1534	90	11	0	1004
37	0 14.9S	124 59.5W	26 SEP 92	521	100	12	0	1004
38	0 1.4N	124 52.7W	26 SEP 92	1355	120	14	0	1006
39	0 1.0S	124 25.3W	27 SEP 92	153	105	12	0	504
40	0 15.3N	124 59.3W	27 SEP 92	610	90	10	0	999
41	0 30.8N	125 0.0W	27 SEP 92	919	95	12	0	999
42	1 1.5N	124 59.5W	27 SEP 92	1503	110	14	0	1005
43	1 59.9N	125 0.1W	28 SEP 92	912	90	8	0	1003
44	2 59.9N	125 0.3W	28 SEP 92	2252	160	12	0	1004
45	4 0.1N	125 0.1W	29 SEP 92	500	180	15	0	1004
46	5 3.1N	125 0.9W	30 SEP 92	111	180	15	0	1003
47	6 0.1N	124 59.9W	30 SEP 92	725	175	14	0	1001
48	6 59.8N	124 59.5W	30 SEP 92	1315	140	16	0	1003
49	8 3.4N	124 59.8W	1 OCT 92	401	200	15	0	1003
50	8 59.8N	124 59.9W	1 OCT 92	1557	205	15	0	1003
51	9 59.3N	124 59.4W	2 OCT 92	37	230	12	0	1000
52	11 59.4N	125 0.4W	2 OCT 92	1006	230	16	0	1002
53	13 42.9N	120 0.1W	3 OCT 92	1131	230	12	0	1004

EP6-92-DI CRUISE TRACK
October 12 - November 18, 1992
Manzanillo, Mexico - Salinas, Ecuador

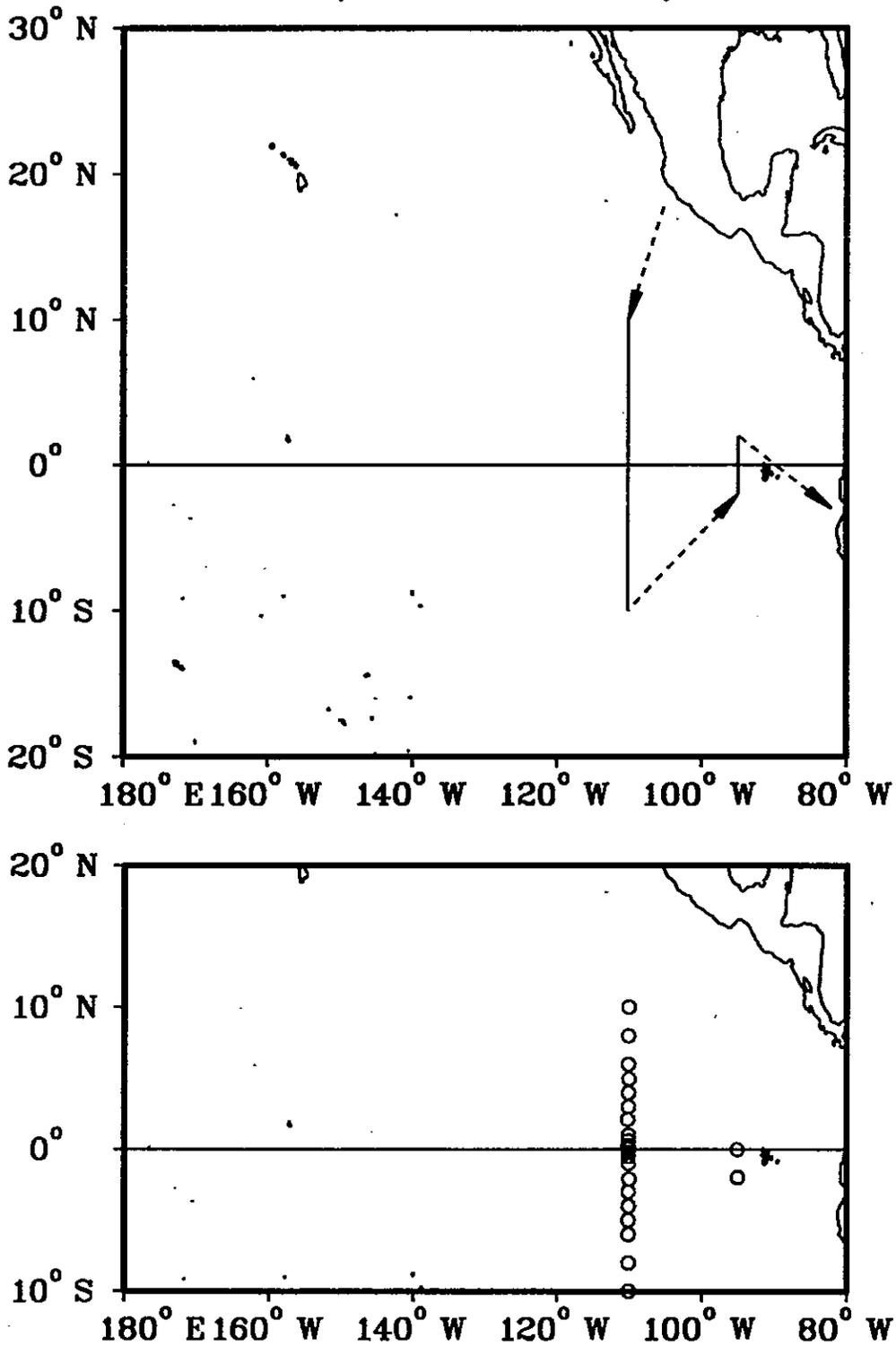


Fig. 1i. EP6-92-DI cruise track and station locations.

Table 1i. EP6-92-DI CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
54	10 1.1N	109 56.9W	17 OCT 92	430	90	5	0	1004
55	8 0.0N	110 0.1W	31 OCT 92	1200	155	8	0	1005
56	5 59.8N	109 59.8W	1 NOV 92	401	130	14	0	1005
57	4 58.1N	109 55.0W	1 NOV 92	1647	150	13	0	1003
58	3 59.0N	109 59.8W	2 NOV 92	40	160	12	0	1003
59	2 59.8N	110 0.6W	2 NOV 92	633	100	10	0	991
60	2 6.7N	110 6.8W	2 NOV 92	1243	130	11	0	1000
61	0 59.7N	110 0.7W	3 NOV 92	1333	145	9	0	1002
62	0 36.1N	110 0.2W	3 NOV 92	2007	0	0	0	1006
63	0 15.2N	110 0.0W	4 NOV 92	128	135	8	0	1005
64	0 11.6N	110 5.3W	4 NOV 92	944	130	4	0	1002
65	0 0.8N	110 0.4W	4 NOV 92	2110	110	10	0	1006
66	0 15.2S	110 0.2W	5 NOV 92	756	120	10	0	1000
67	0 30.9S	110 0.4W	5 NOV 92	1119	100	4	0	1004
68	1 0.0S	110 0.0W	6 NOV 92	546	140	7	0	1005
69	2 5.6S	109 54.1W	6 NOV 92	2331	130	11	0	1001
70	2 59.5S	110 1.1W	7 NOV 92	909	100	11	0	1002
71	4 0.0S	109 59.9W	7 NOV 92	1507	130	15	0	1004
72	4 0.0S	109 58.4W	8 NOV 92	454	100	11	0	1003
73	4 0.0S	109 58.5W	8 NOV 92	649	120	15	0	152
74	4 59.9S	110 2.1W	8 NOV 92	1154	105	13	0	1002
75	4 59.9S	110 1.7W	8 NOV 92	1345	105	11	0	153
76	6 0.0S	110 0.0W	8 NOV 92	2339	95	15	0	1003
77	5 59.9S	110 0.0W	9 NOV 92	128	100	10	0	152
78	8 0.0S	110 0.0W	9 NOV 92	1029	80	14	0	1001
79	7 59.7S	110 0.2W	9 NOV 92	1219	105	14	0	152
80	10 0.0S	110 0.1W	10 NOV 92	233	100	12	0	1005
81	9 59.9S	109 59.9W	10 NOV 92	422	100	15	0	152
82	2 0.0S	95 0.0W	13 NOV 92	2110	130	7	0	1005
83	0 0.9S	95 2.9W	14 NOV 92	2122	160	19	0	1008
84	1 57.3S	94 59.1W	15 NOV 92	2029	175	15	0	1003

EP7-92-DI CRUISE TRACK
November 19 - December 8, 1992
Salinas, Ecuador - San Diego, CA

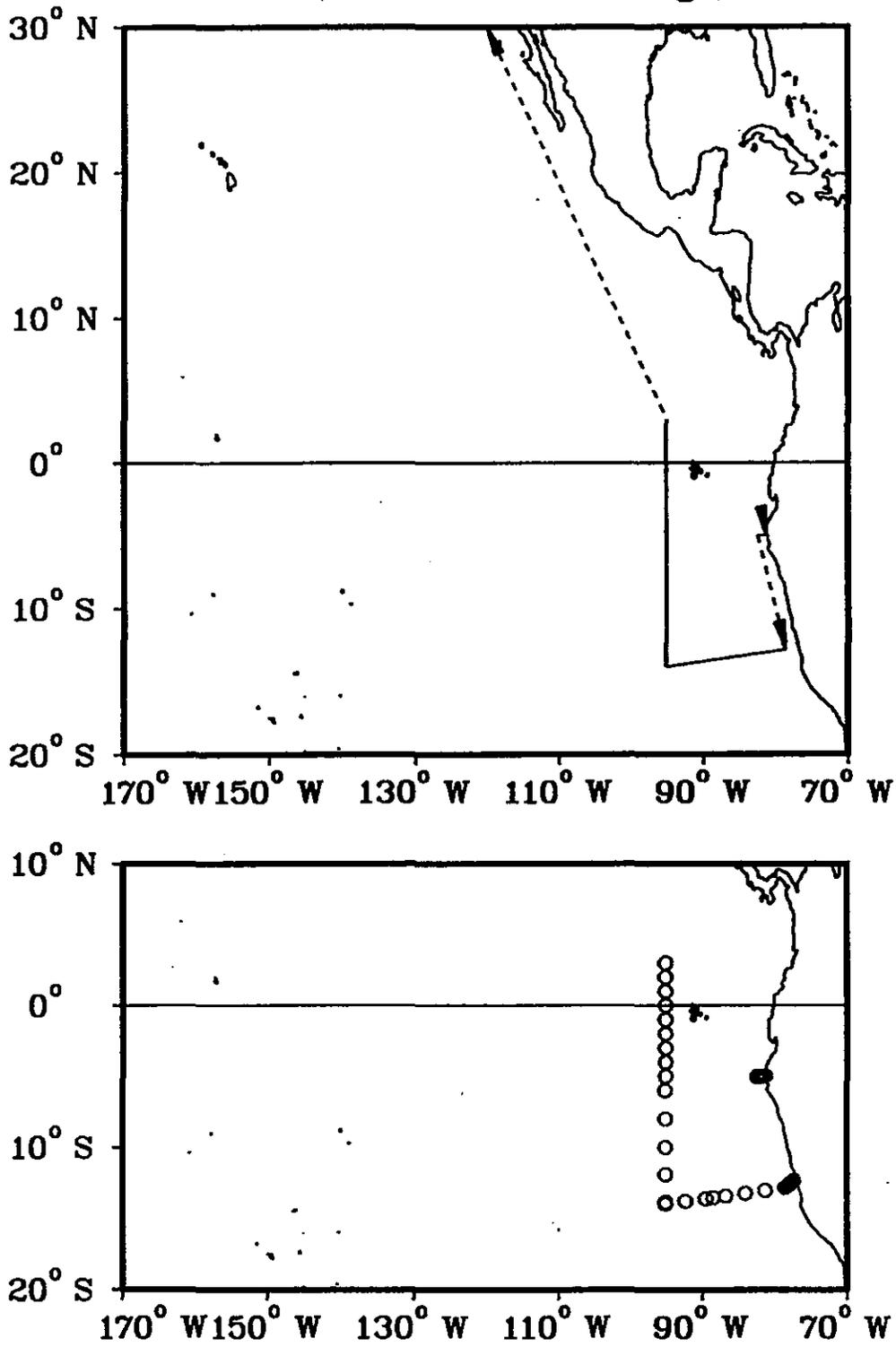


Fig. 1j. EP7-92-DI cruise track and station locations.

Table 1j. EP7-92-DI CTD cast summary.

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
85	5 0.0S	81 20.0W	20 NOV 92	2012	200	20	0	61
86	5 0.0S	81 30.0W	20 NOV 92	2202	200	16	0	142
87	5 0.0S	81 30.0W	21 NOV 92	0	190	16	0	805
88	5 0.0S	81 40.1W	21 NOV 92	138	185	12	0	141
89	5 0.0S	81 40.1W	21 NOV 92	314	135	8	0	801
90	5 0.0S	81 50.0W	21 NOV 92	515	144	8	0	802
91	5 0.0S	81 50.0W	21 NOV 92	658	147	7	0	140
92	5 0.0S	82 0.0W	21 NOV 92	905	150	10	0	803
93	5 0.0S	82 0.0W	21 NOV 92	1039	150	10	0	141
94	5 0.1S	82 30.1W	21 NOV 92	1338	130	11	0	805
95	5 0.1S	82 30.1W	21 NOV 92	1517	120	10	0	142
96	12 51.0S	78 36.9W	23 NOV 92	450	150	11	0	802
97	12 51.0S	78 36.9W	23 NOV 92	623	135	8	0	142
98	12 45.2S	78 21.3W	23 NOV 92	853	143	8	0	802
99	12 44.9S	78 21.0W	23 NOV 92	1041	160	7	0	139
100	12 39.0S	78 5.9W	23 NOV 92	1253	165	5	0	803
101	12 39.0S	78 5.9W	23 NOV 92	1414	170	4	0	143
102	12 32.0S	77 49.0W	23 NOV 92	1710	185	10	0	801
103	12 32.0S	77 49.0W	23 NOV 92	1849	185	8	0	141
104	12 26.8S	77 35.5W	23 NOV 92	2053	195	6	0	505
105	12 26.8S	77 35.5W	23 NOV 92	2224	185	9	0	141
106	12 20.0S	77 19.9W	24 NOV 92	27	110	6	0	140
107	13 2.6S	81 20.7W	24 NOV 92	1632	0	0	0	805
108	13 2.6S	81 20.7W	24 NOV 92	1815	125	8	0	141
109	13 14.0S	84 4.6W	25 NOV 92	500	120	14	0	797
110	13 14.0S	84 4.6W	25 NOV 92	630	120	12	0	141
111	13 25.7S	86 48.4W	25 NOV 92	1738	130	12	0	800
112	13 25.7S	86 48.4W	25 NOV 92	1922	130	12	0	142
113	13 32.3S	88 29.8W	26 NOV 92	337	110	11	0	2004
114	13 36.9S	89 32.2W	26 NOV 92	850	105	10	0	804
115	13 37.0S	89 32.2W	26 NOV 92	1021	110	10	0	143
116	13 48.0S	92 15.7W	26 NOV 92	2132	130	12	0	805
117	13 48.0S	92 15.7W	26 NOV 92	2300	120	17	0	142
118	14 0.0S	94 59.9W	27 NOV 92	1005	115	15	0	803
119	14 0.0S	94 59.9W	27 NOV 92	1144	105	13	0	142
120	13 51.4S	94 59.8W	27 NOV 92	1349	135	20	0	2005
121	11 55.1S	95 0.0W	27 NOV 92	2344	120	13	0	806
122	11 55.1S	95 0.0W	28 NOV 92	112	115	16	0	143
123	10 0.2S	94 59.9W	28 NOV 92	931	150	14	0	805
124	10 0.2S	94 59.9W	28 NOV 92	1106	140	16	0	142
125	8 0.1S	95 0.1W	28 NOV 92	1940	130	15	0	802
126	8 0.1S	95 0.1W	28 NOV 92	2116	130	17	0	142
127	6 0.1S	95 0.4W	29 NOV 92	550	126	11	0	808
128	5 59.9S	95 0.0W	29 NOV 92	727	125	14	0	143
129	5 0.0S	95 0.1W	29 NOV 92	1229	120	10	0	804
130	5 0.0S	95 0.1W	29 NOV 92	1357	120	10	0	142
131	4 0.0S	95 0.1W	29 NOV 92	2310	100	13	0	800
132	4 0.0S	95 0.1W	30 NOV 92	38	105	11	0	142
133	3 0.1S	95 0.1W	30 NOV 92	537	95	11	0	803
134	3 0.1S	95 0.1W	30 NOV 92	703	95	15	0	142

Table 1j. (continued)

CAST #	LATITUDE	LONGITUDE	DATE	TIME	W/D T	W/S (kts)	DEPTH (m)	CAST (db)
135	2 0.0S	95 0.1W	30 NOV 92	1404	95	13	0	803
136	2 0.0S	95 0.1W	30 NOV 92	1533	110	10	0	142
137	1 0.2S	94 59.9W	30 NOV 92	2221	130	18	0	802
138	1 0.2S	94 59.9W	30 NOV 92	2351	135	15	0	143
139	0 0.0N	95 0.1W	1 DEC 92	643	150	13	0	800
140	0 0.1N	95 0.2W	1 DEC 92	823	150	13	0	141
141	1 0.1N	95 0.2W	1 DEC 92	1520	150	15	0	803
142	1 0.0N	95 0.4W	1 DEC 92	1645	150	15	0	142
143	1 59.9N	95 0.3W	1 DEC 92	2326	170	15	0	803
144	1 59.9N	95 0.3W	2 DEC 92	52	160	10	0	142
145	2 59.6N	95 0.2W	2 DEC 92	933	165	12	0	803
146	3 0.0N	95 0.1W	2 DEC 92	1103	175	14	0	142

TABLE 2. 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 3. 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 4. 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 5. 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 6. 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

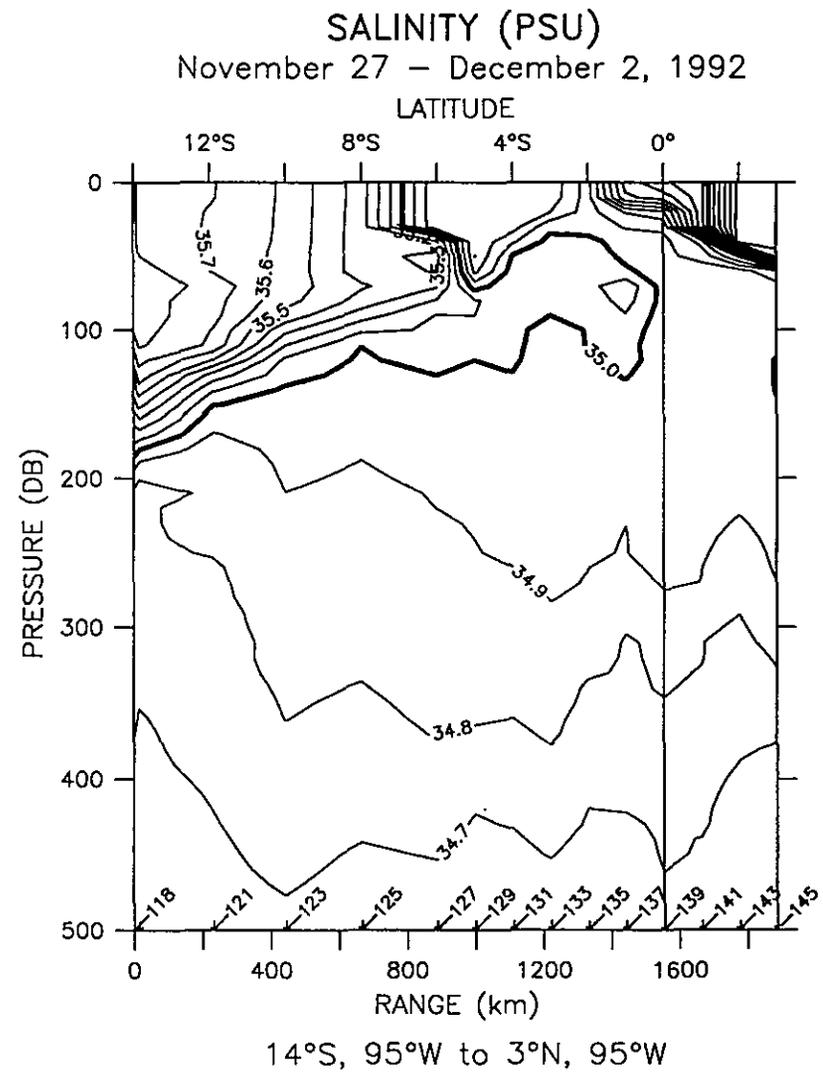
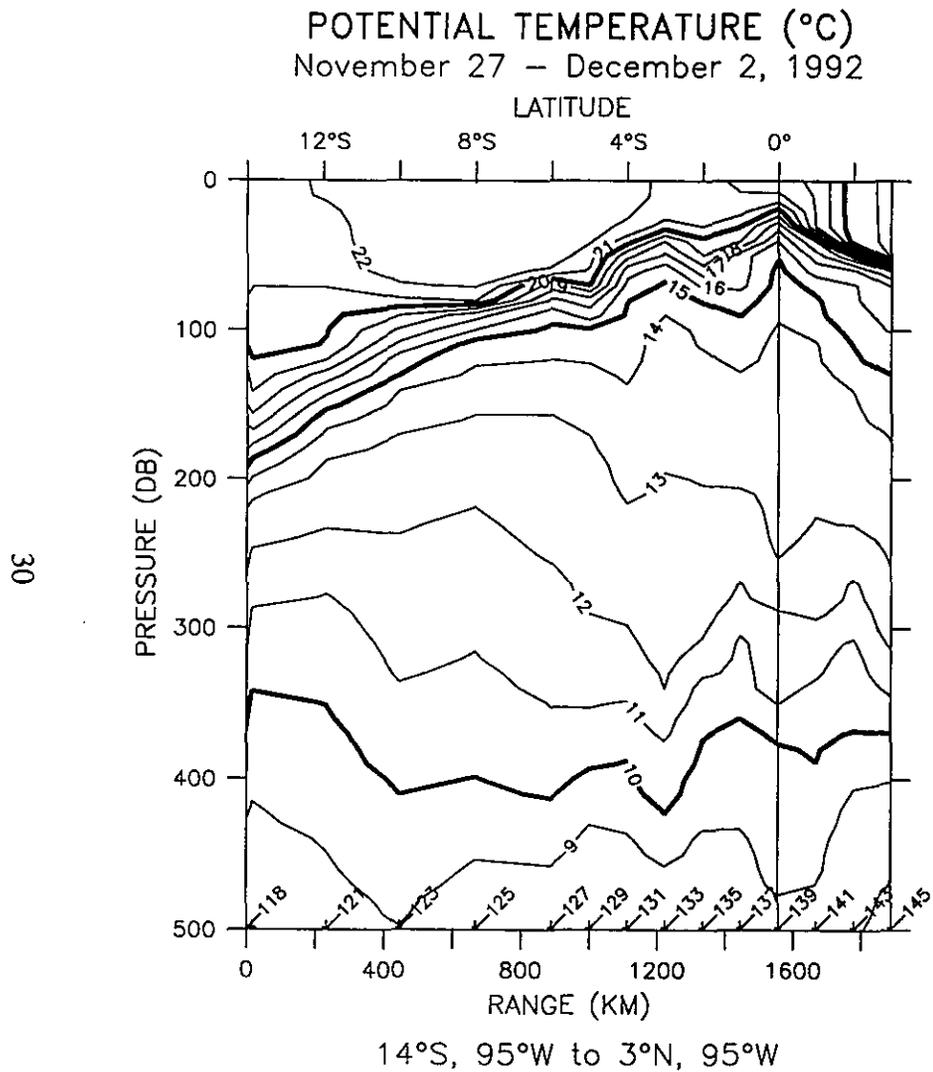


Fig. 2. EP7-92-DI fall potential temperature (C) and salinity (psu) sections along 95°W. Contour intervals are 1°C and 0.1 psu.

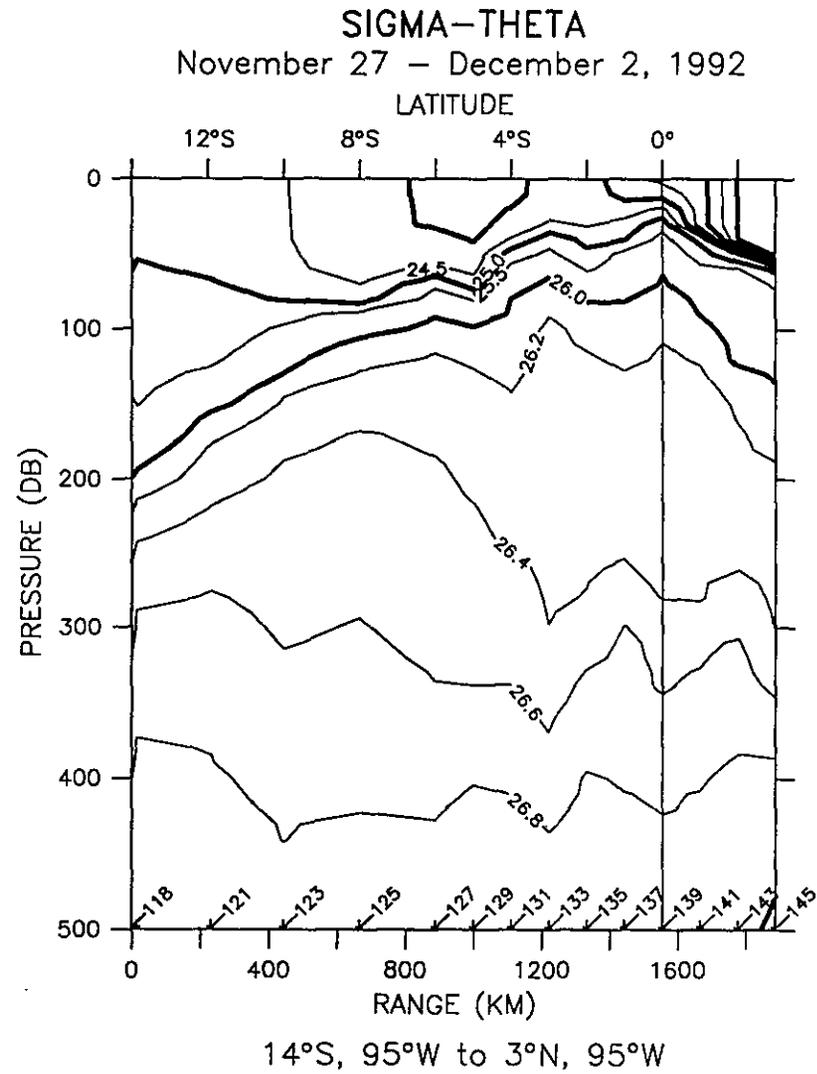


Fig. 3. EP7-92-DI fall potential density (kg/m^3) section along 95°W . Contour interval is 0.5 less than 26.0 and 0.2 greater than 26.0.

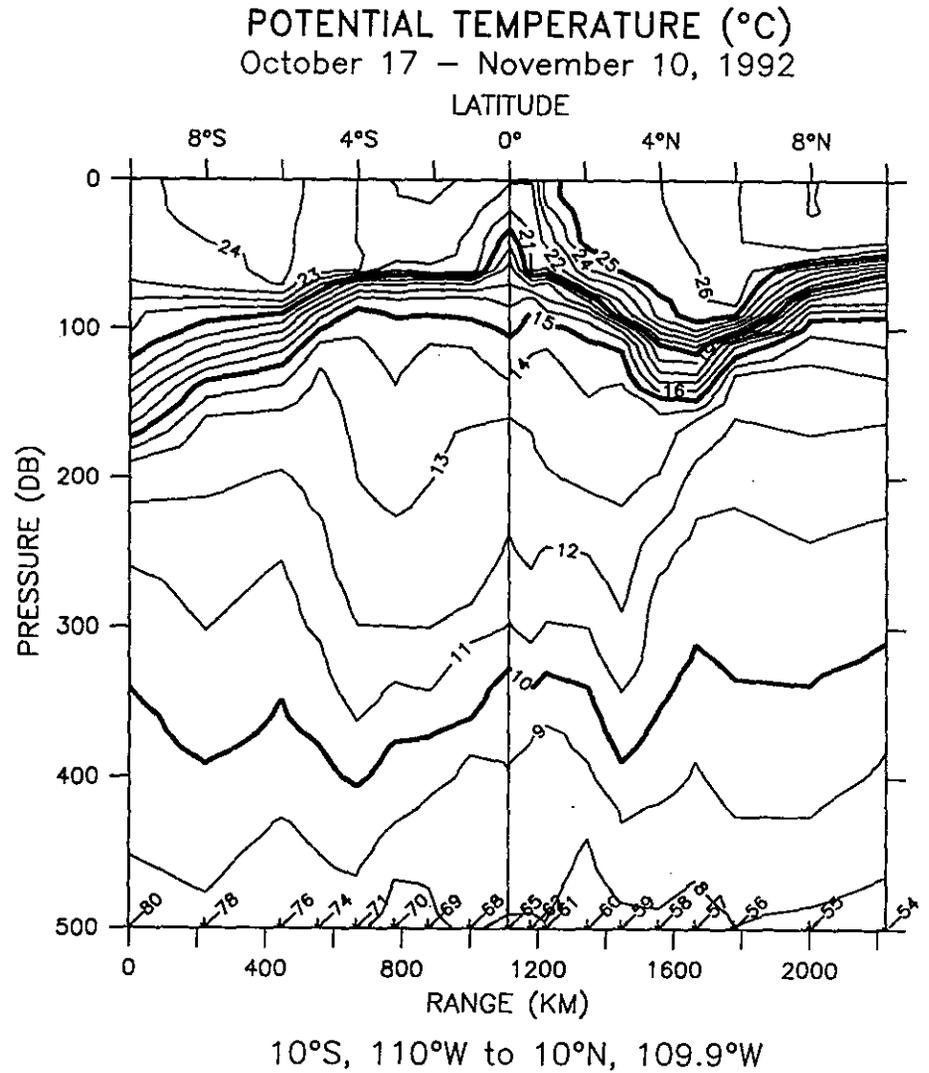
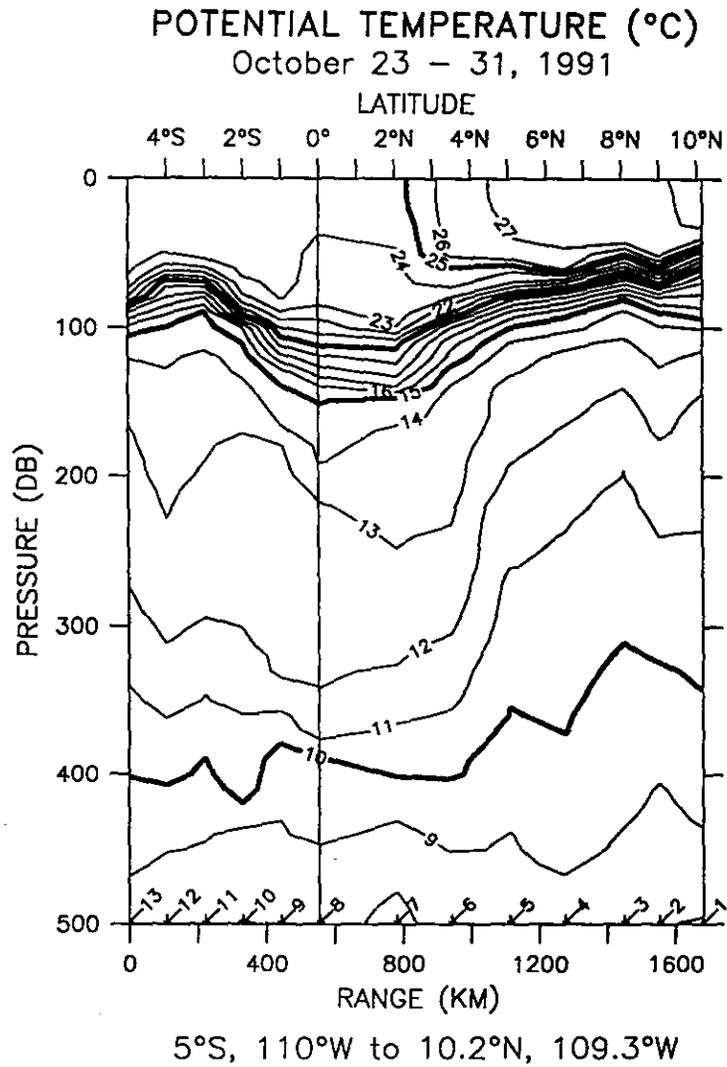


Fig. 5. EP3-91-DI and EP6-92-DI fall potential temperature (C) sections along 110°W. Contour interval is 1°C.

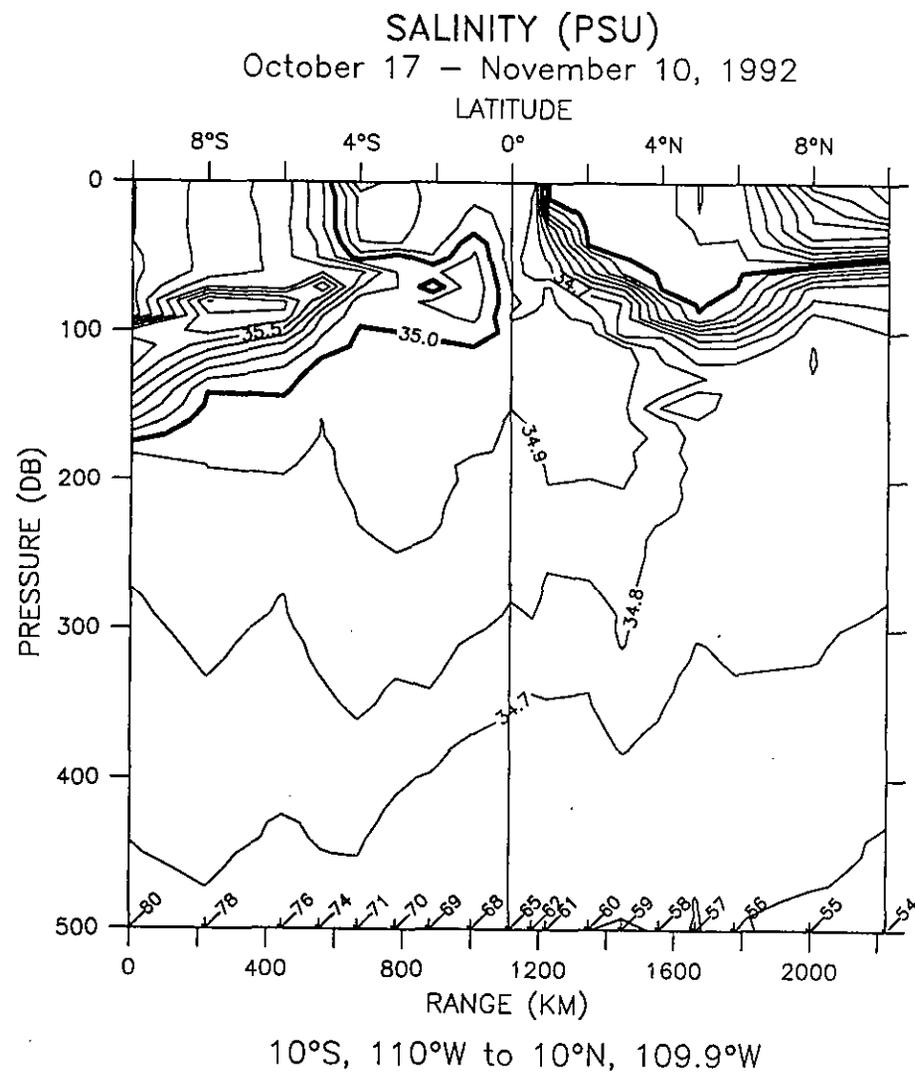
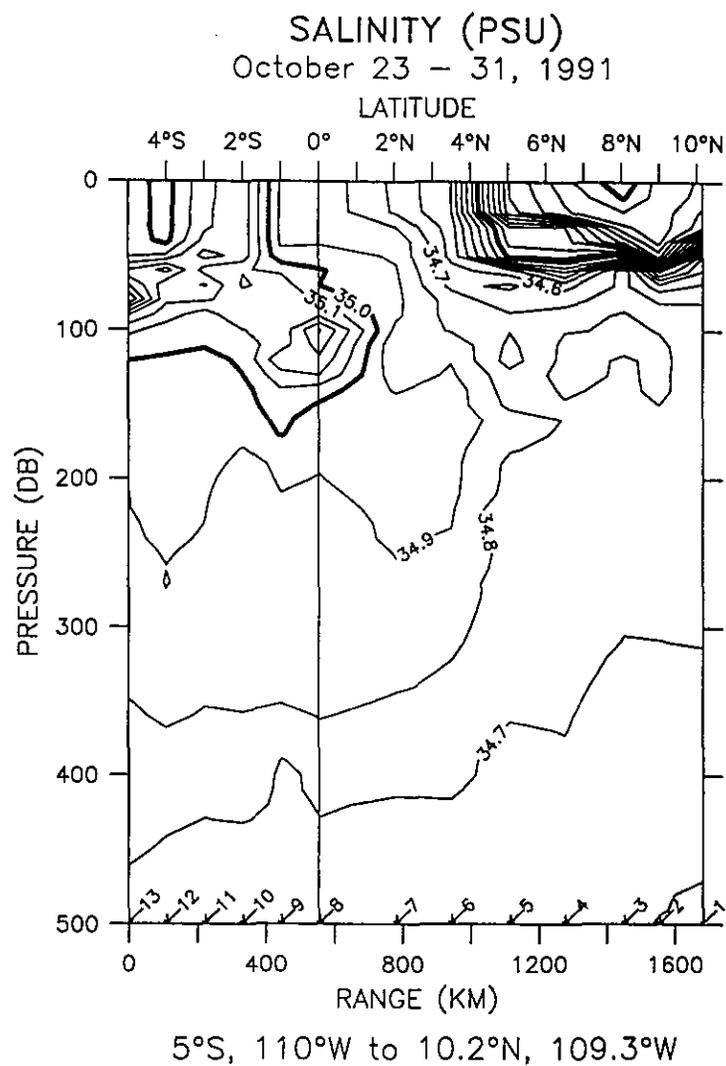


Fig. 6. EP3-91-DI and EP6-92-DI fall salinity (psu) sections along 110°W. Contour interval is 0.1 psu.

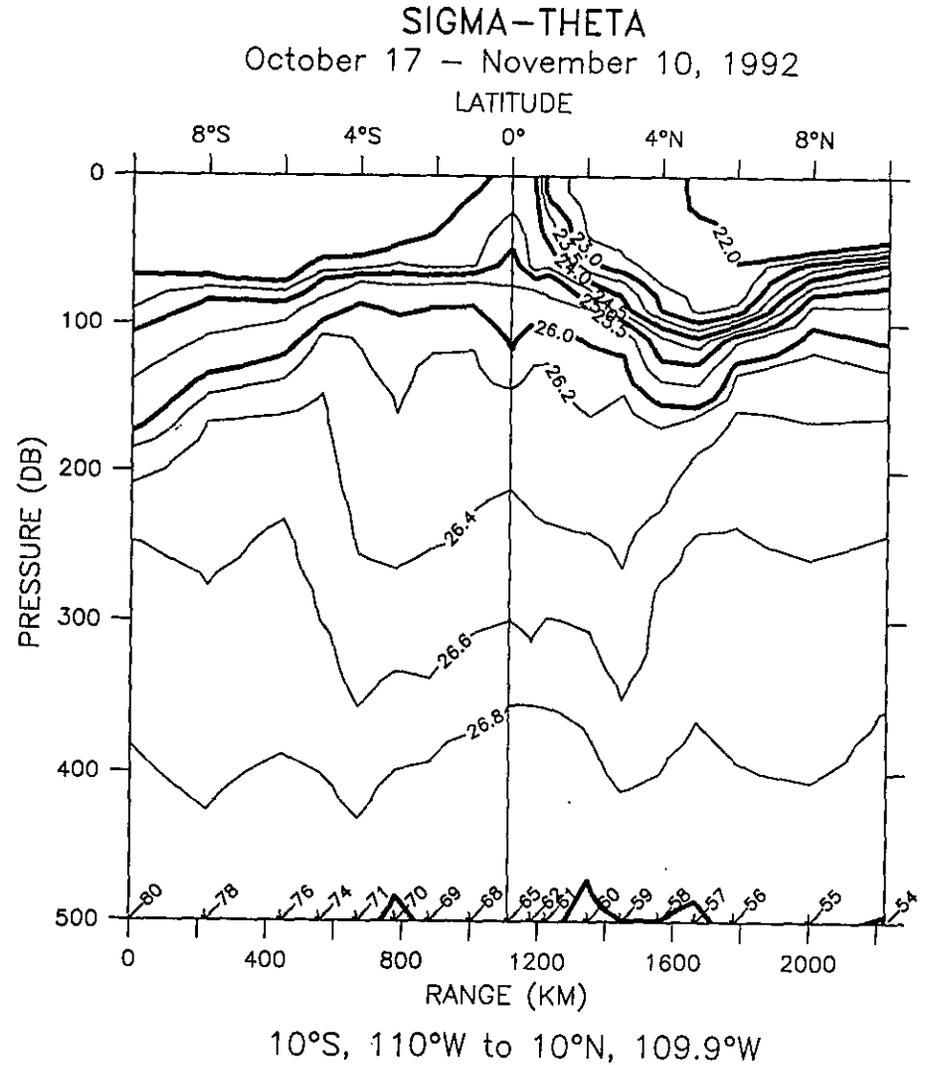
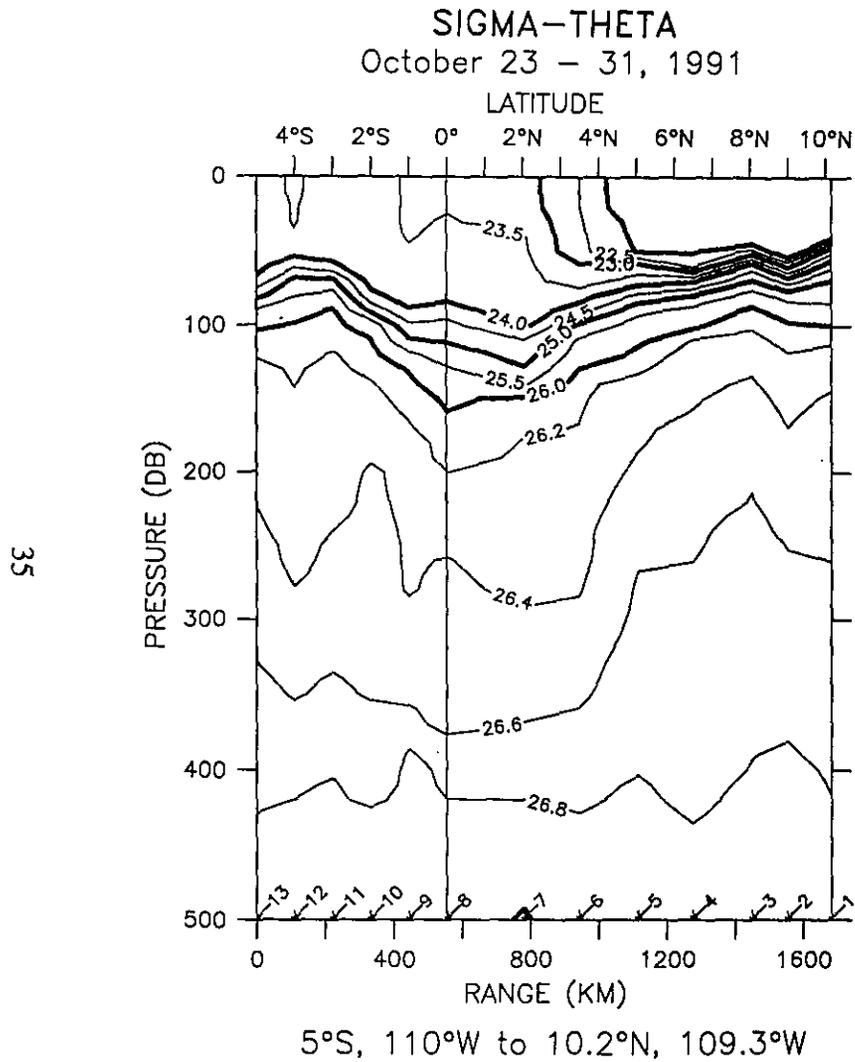


Fig. 7. EP3-91-DI and EP6-92-DI fall potential density (kg/m^3) sections along 110°W . Contour interval is 0.5 less than 26.0 and 0.2 greater than 26.0.

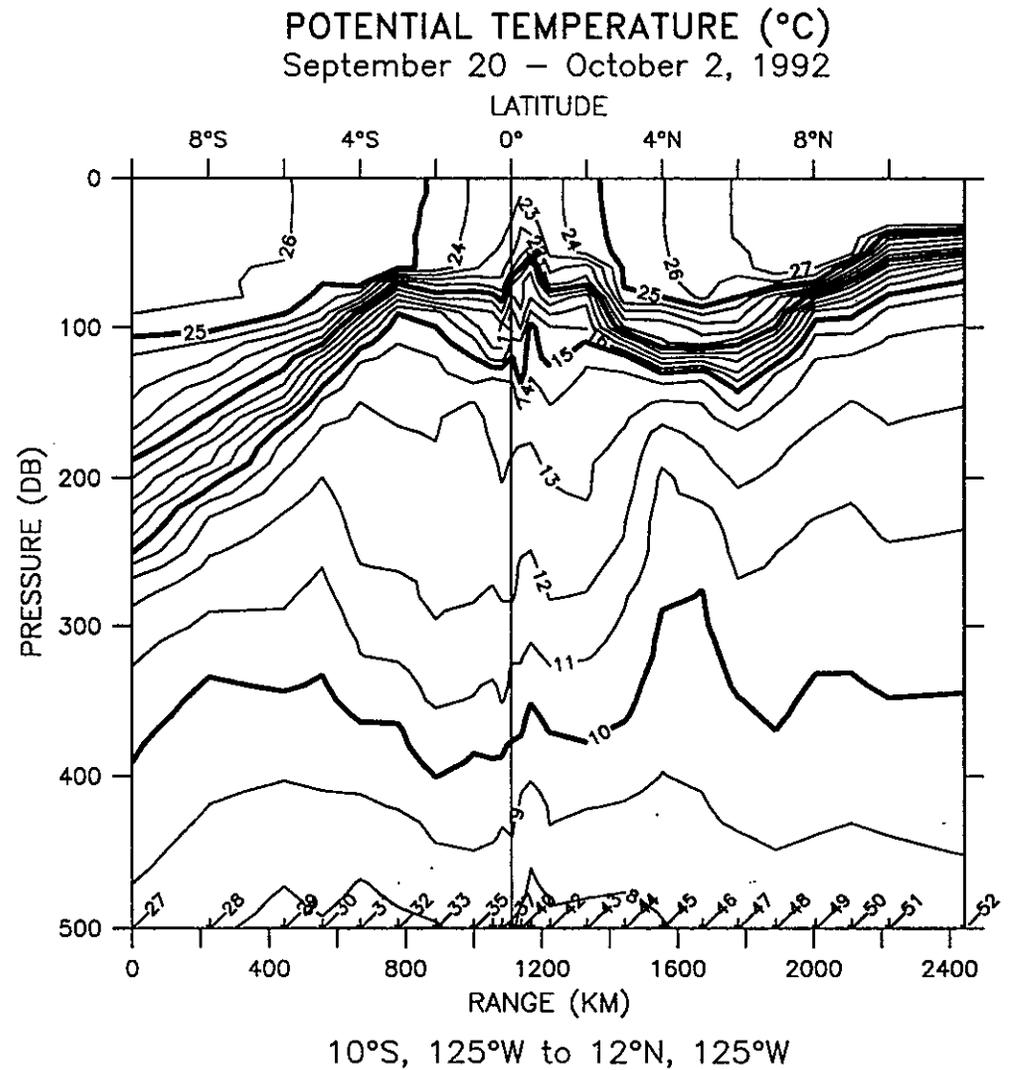
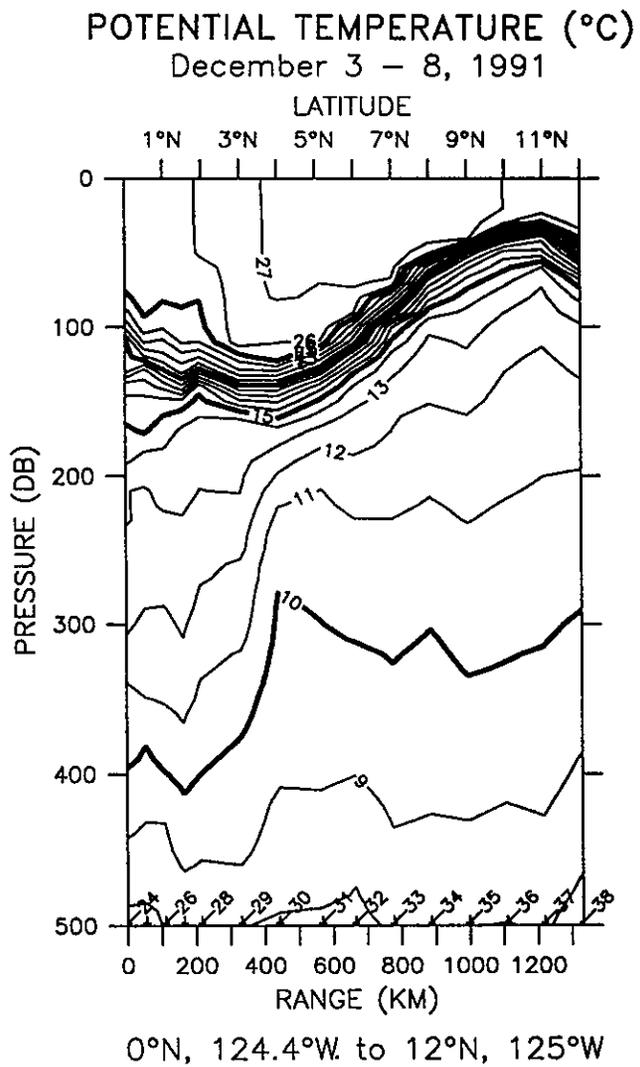


Fig. 8. EP4-91-DI and EP5-92-DI fall potential temperature (C) sections along 125°W. Contour interval is 1°C.

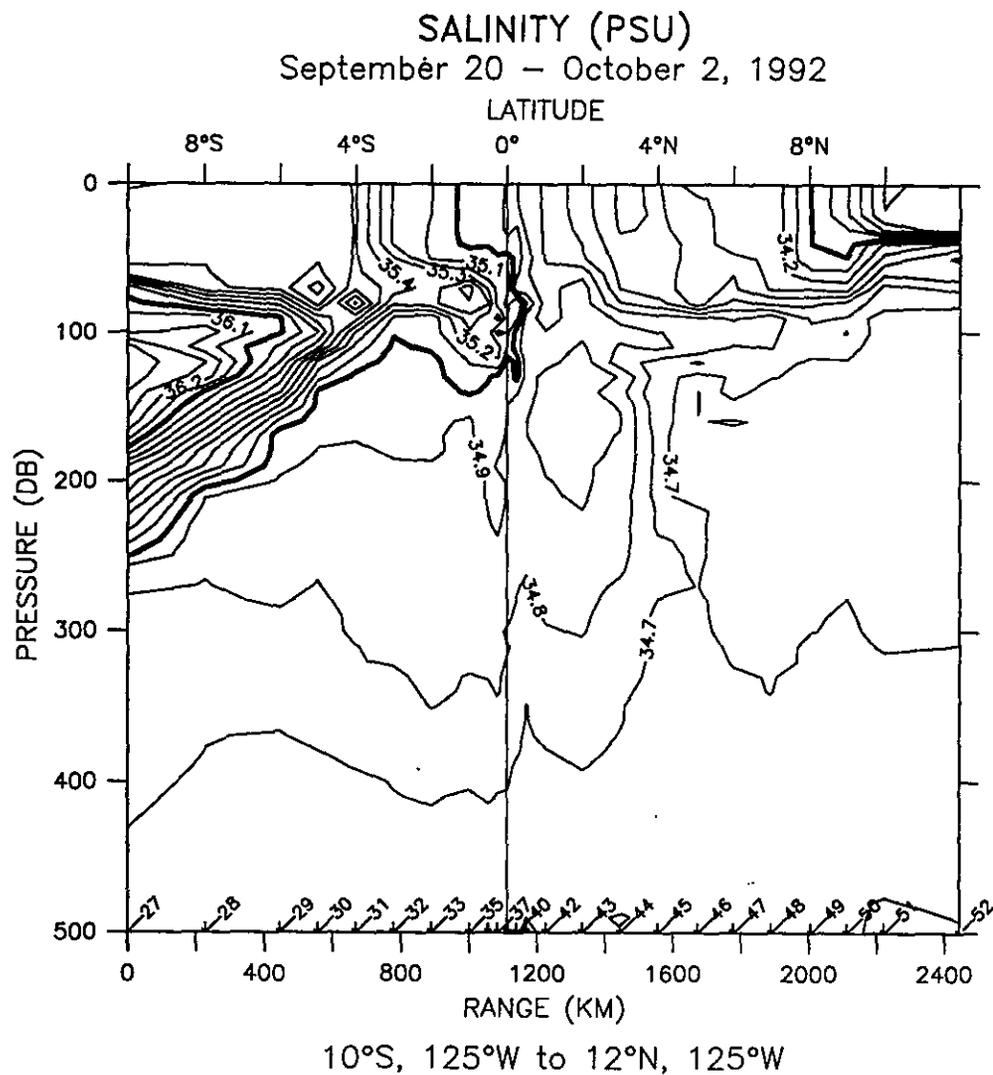
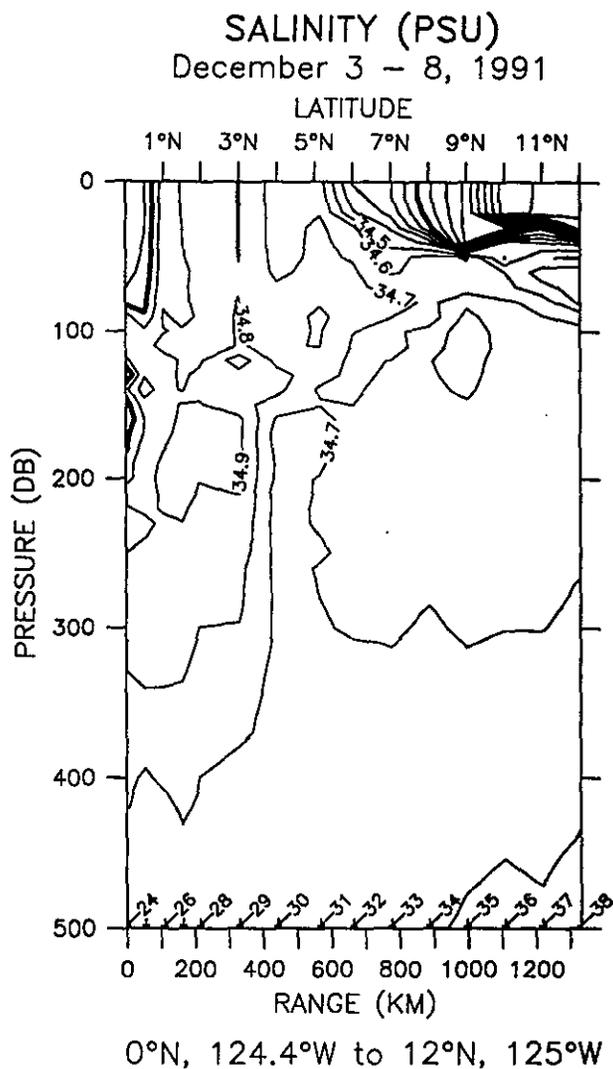


Fig. 9. EP4-91-DI and EP5-92-DI fall salinity (psu) sections along 125°W. Contour interval is 0.1 psu.

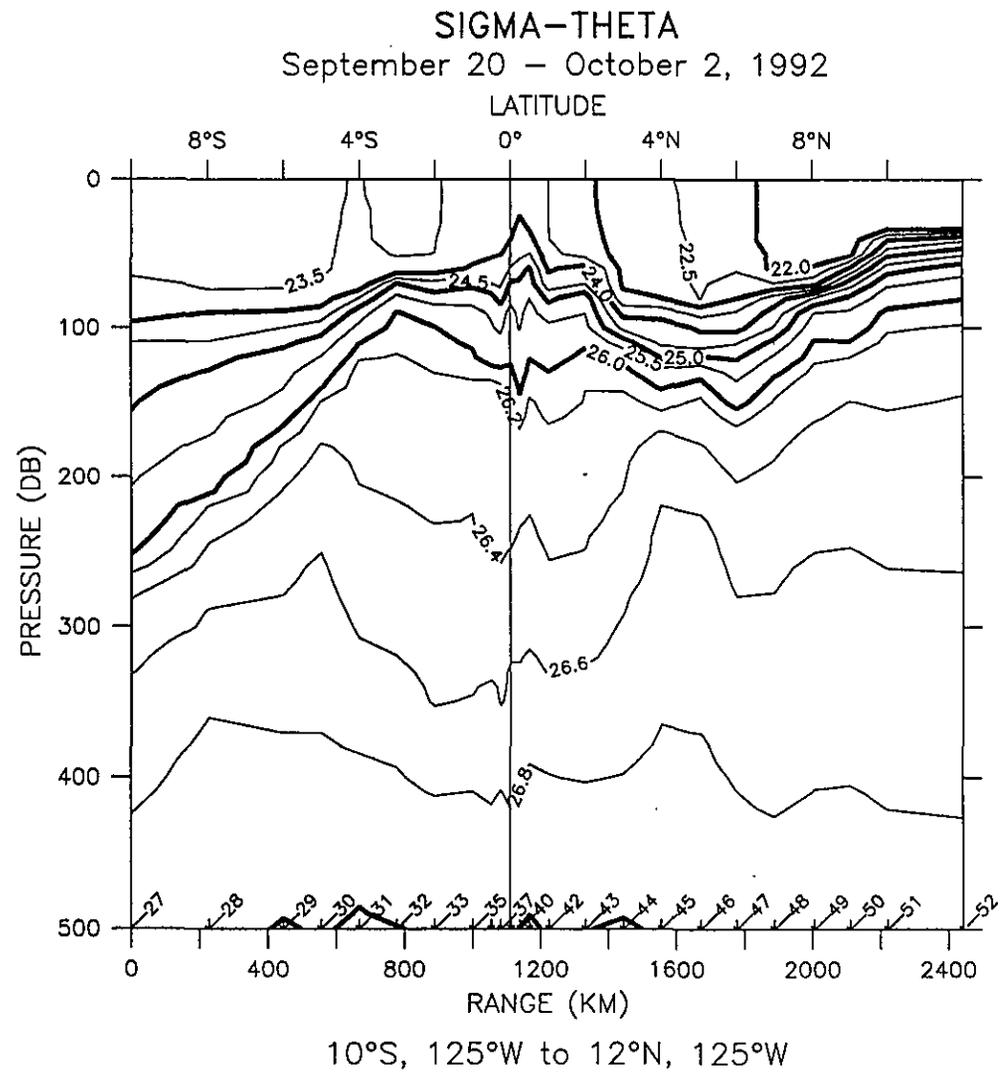
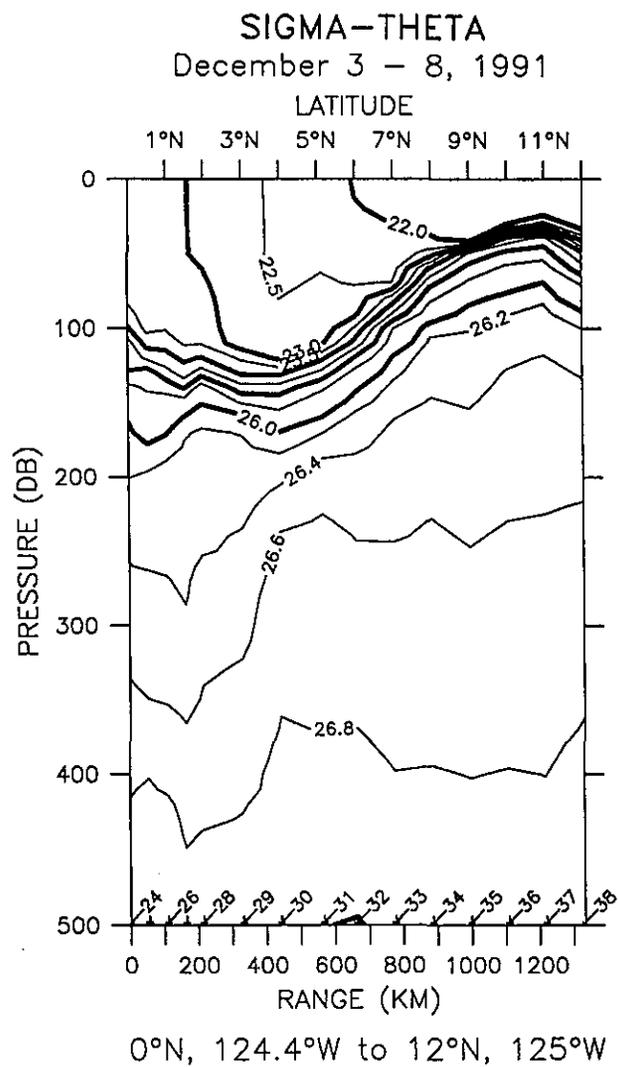


Fig. 10. EP4-91-DI and EP5-92-DI fall potential density (kg/m^3) sections along 125°W. Contour interval is 0.5 less than 26.0 and 0.2 greater than 26.0.

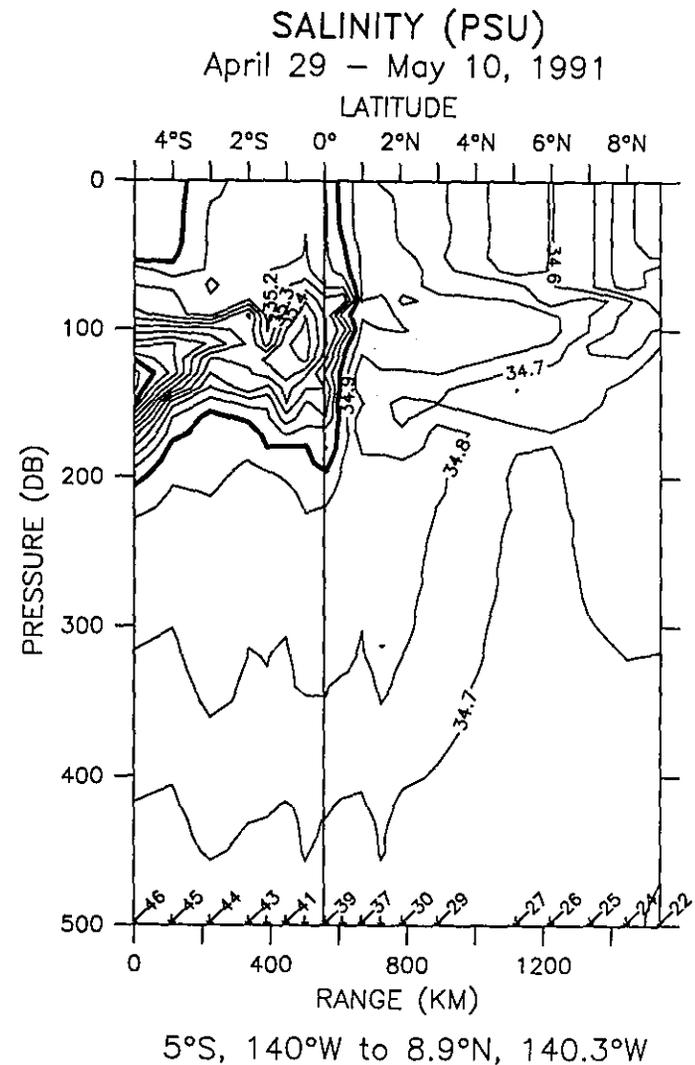
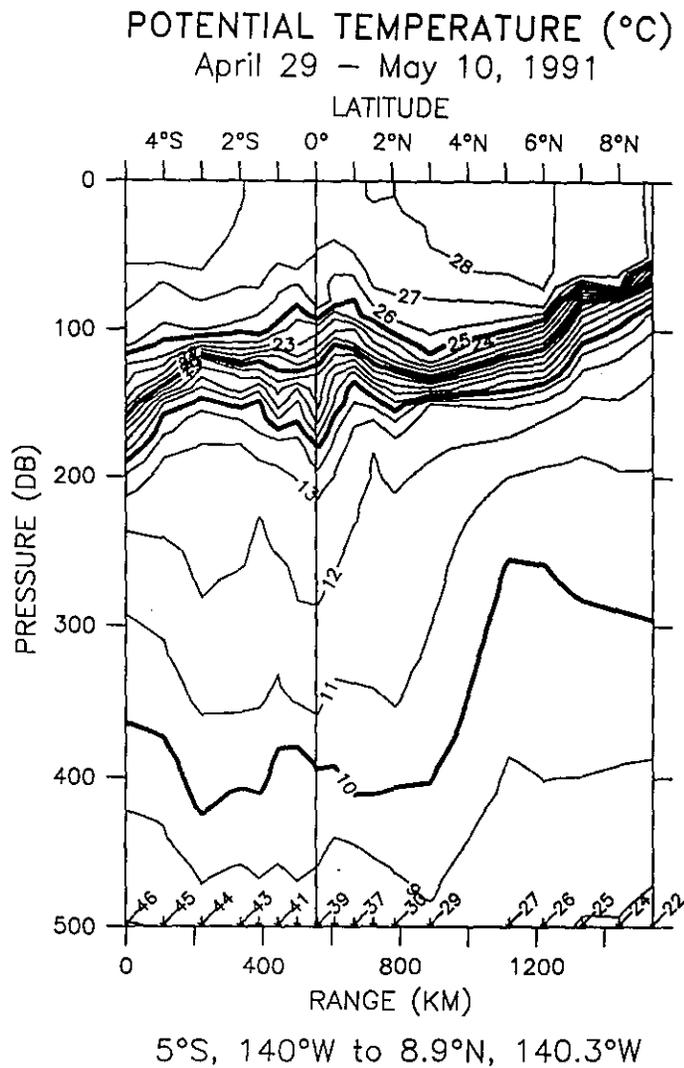


Fig. 11. EP2-91-MB spring potential temperature (C) and salinity (psu) sections along 140°W. Contour intervals are 1°C and 0.1 psu.

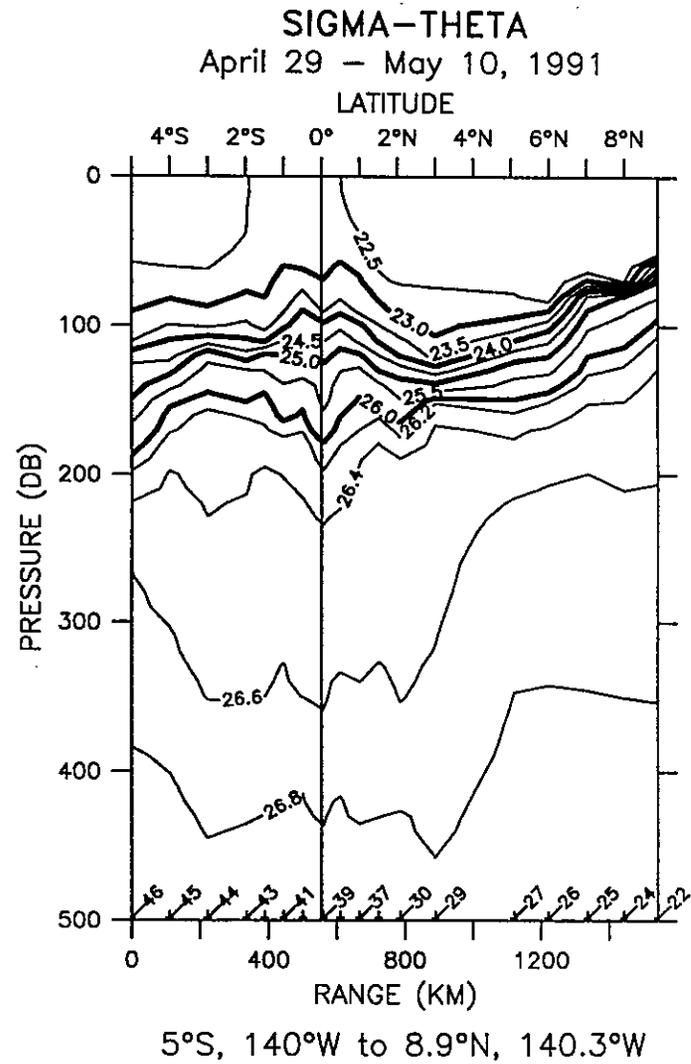


Fig. 12. EP2-91-MB spring potential density (kg/m^3) section along 140°W . Contour interval is 0.5 less than 26.0 and 0.2 greater than 26.0.

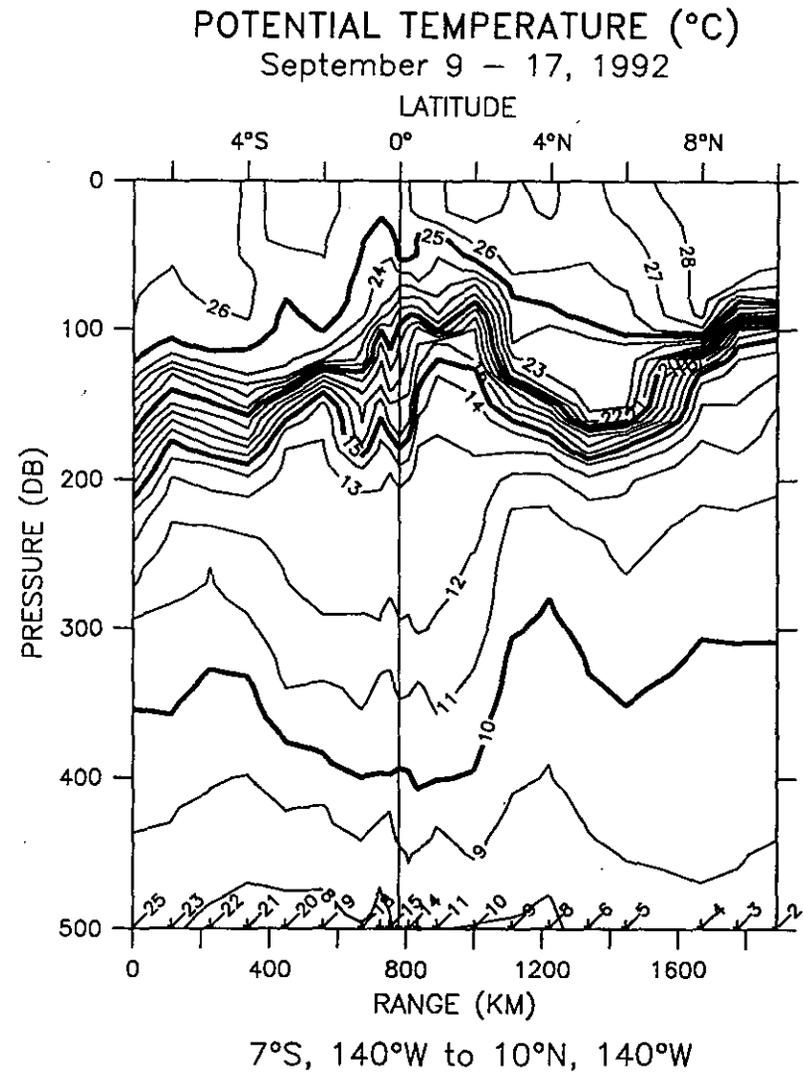
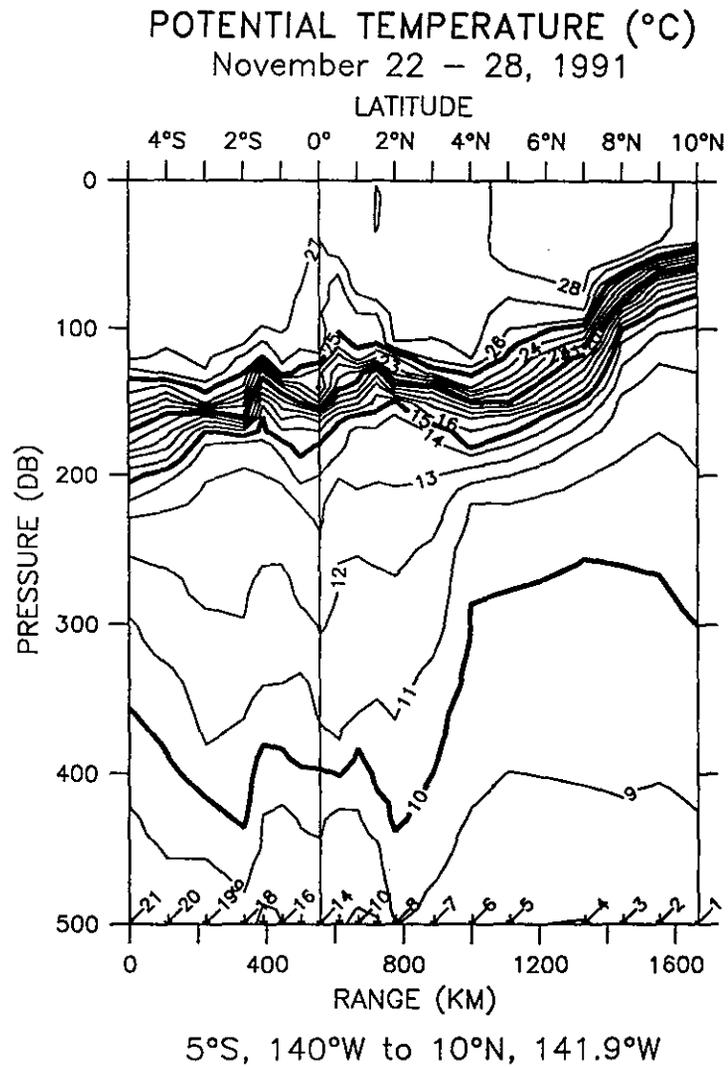


Fig. 13. EP4-91-DI and EP5-92-DI fall potential temperature (C) sections along 140°W. Contour interval is 1°C.

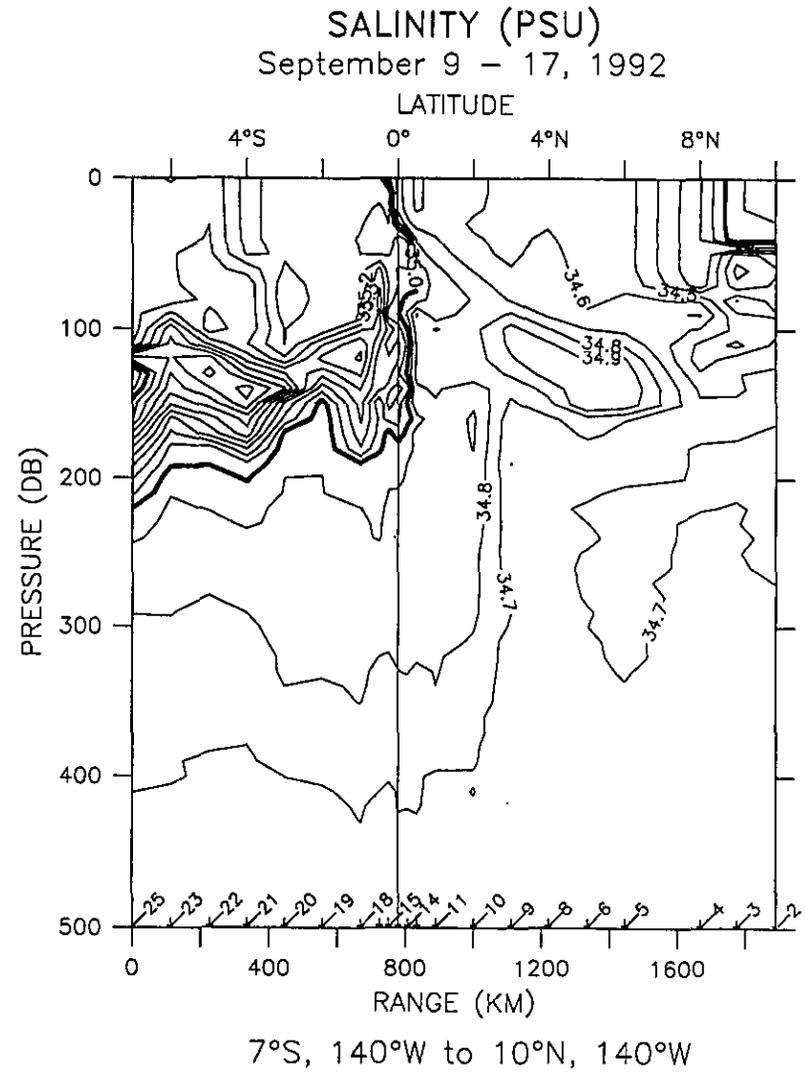
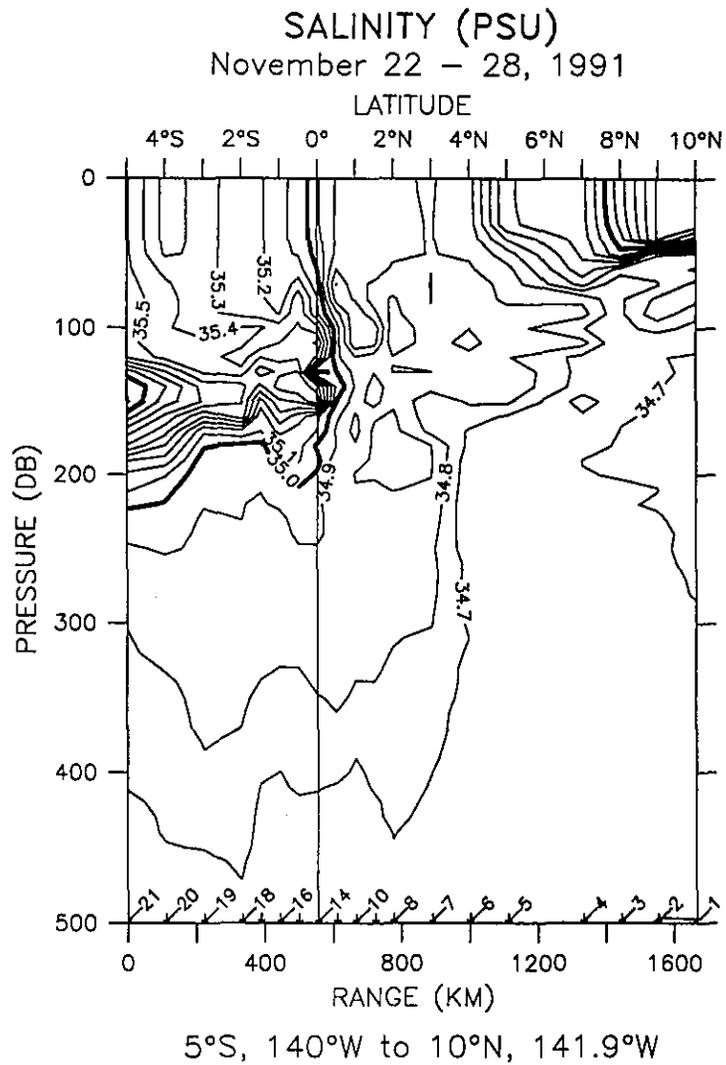


Fig. 14. EP4-91-DI and EP5-92-DI fall salinity (psu) sections along 140°W. Contour interval is 0.1 psu.

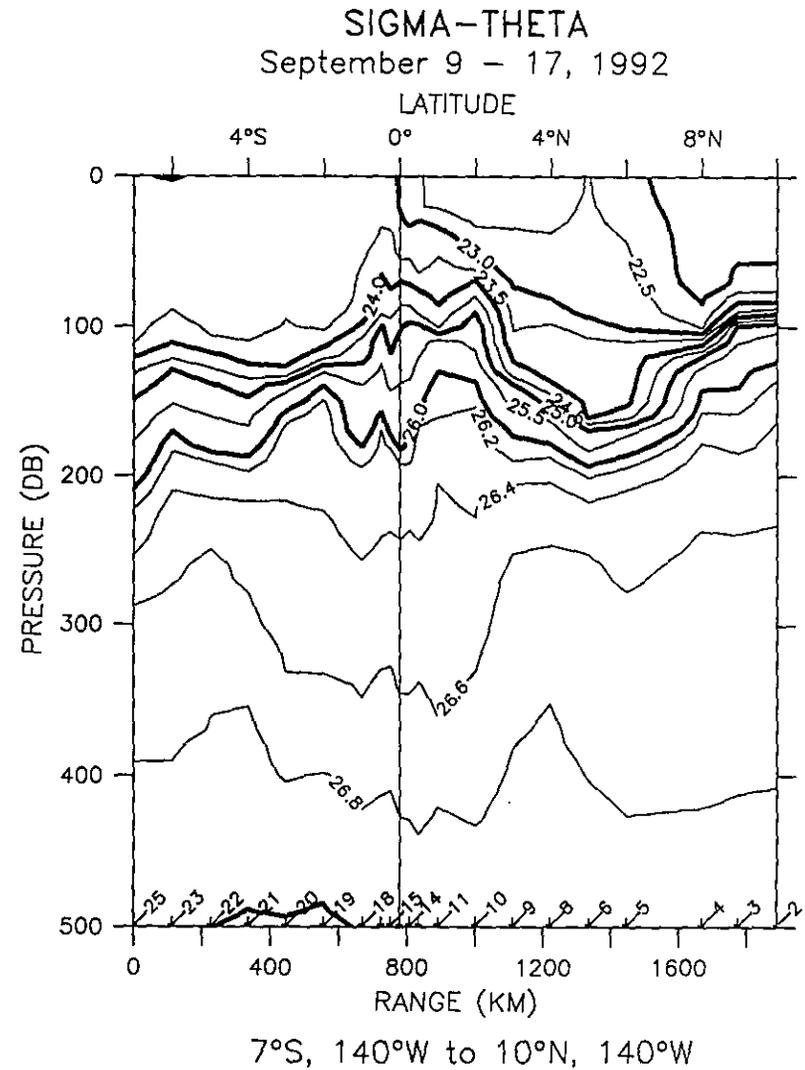
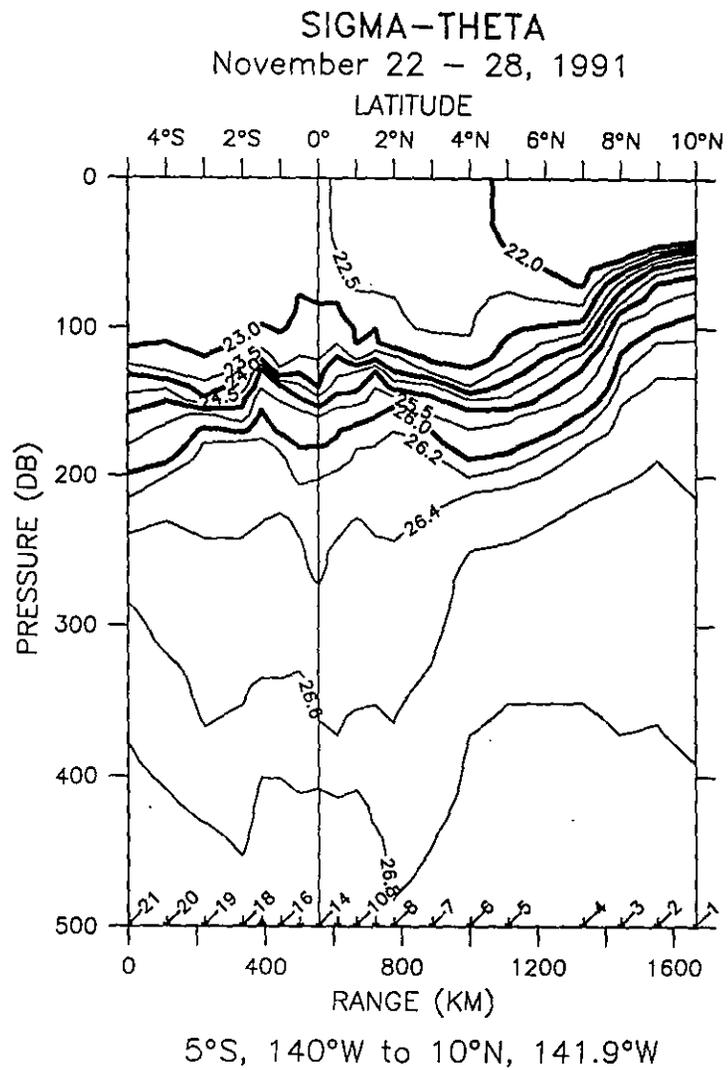


Fig. 15. EP4-91-DI and EP5-92-DI fall potential density (kg/m^3) sections along 140°W . Contour interval is 0.5 less than 26.0 and 0.2 greater than 26.0.

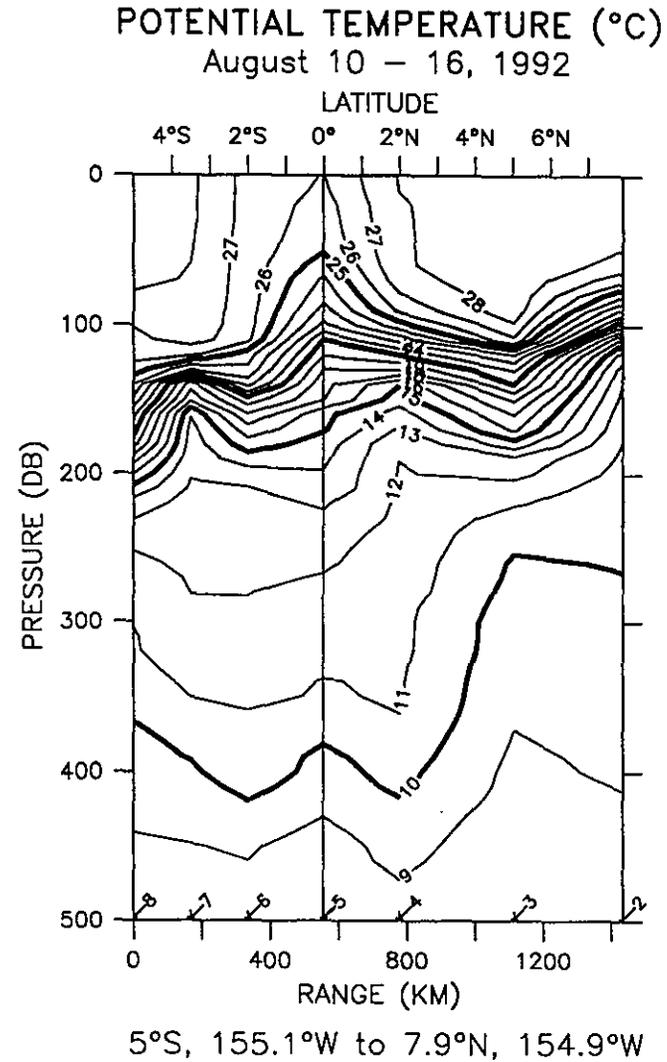
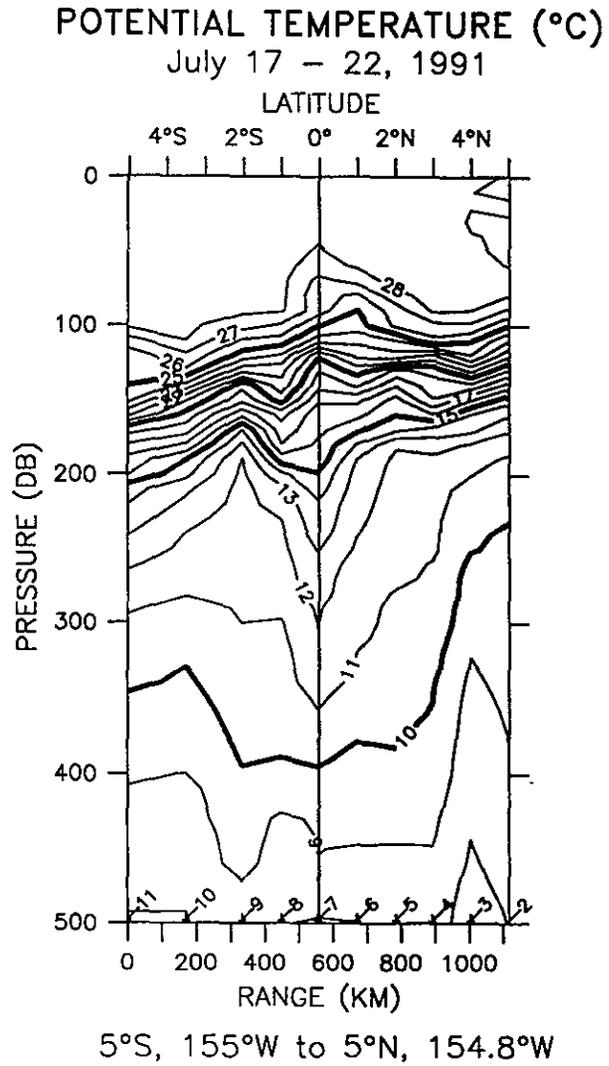


Fig. 16. TG1-91-DI and TG2-92-DI spring potential temperature (C) sections along 155°W. Contour interval is 1°C.

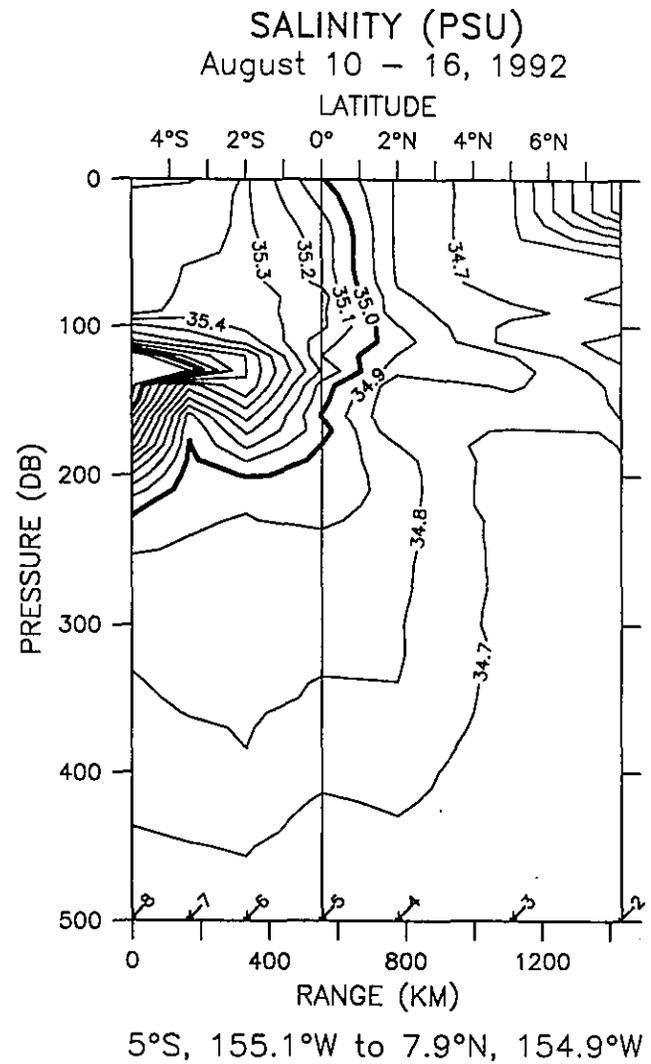
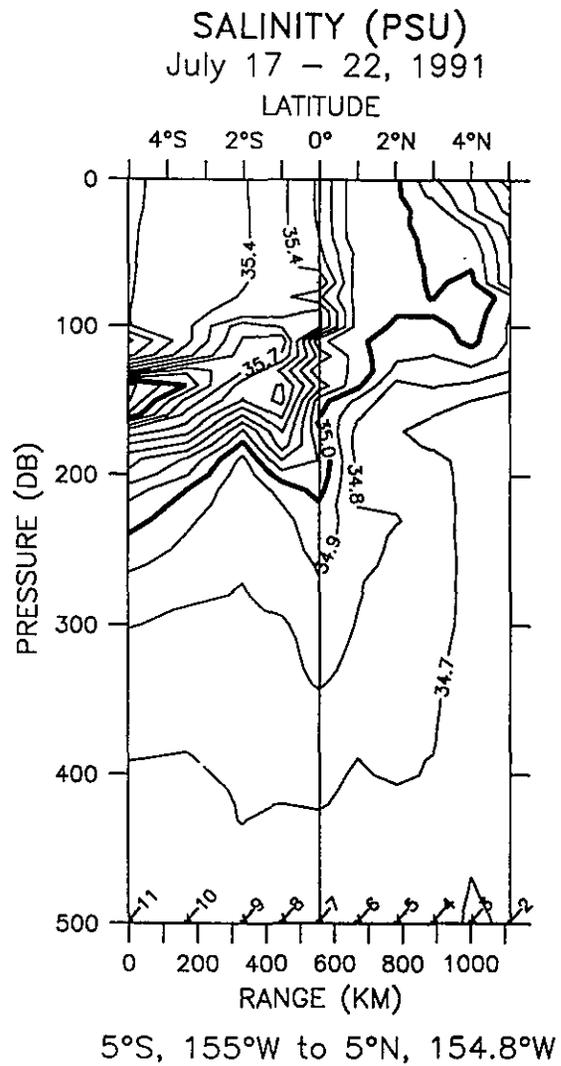


Fig. 17. TG1-91-DI and TG2-92-DI spring salinity (psu) sections along 155°W. Contour interval is 0.1 psu.

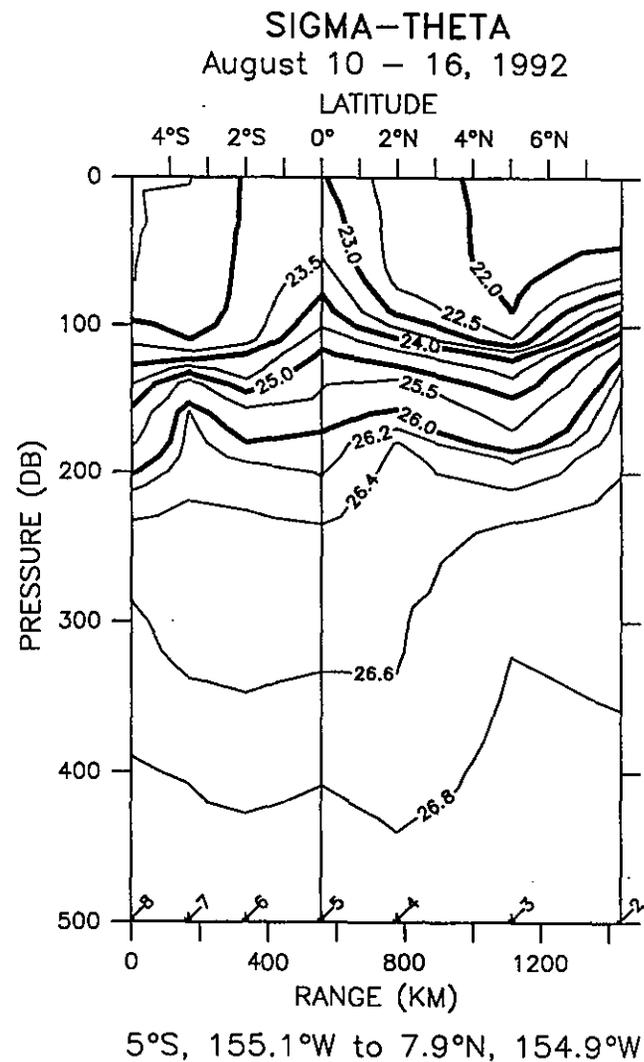
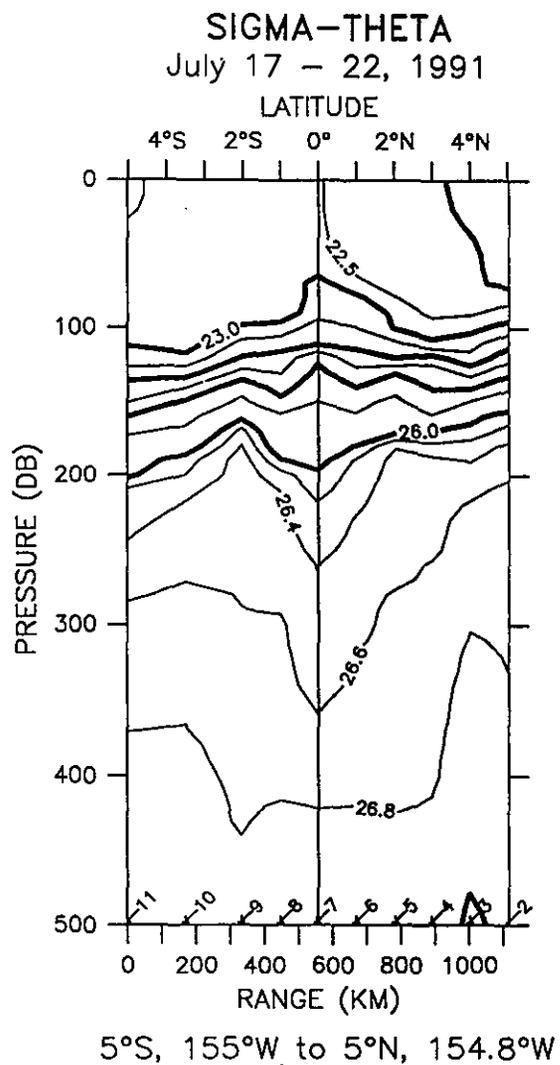


Fig. 18. TG1-91-DI and TG2-92-DI spring potential density (kg/m^3) sections along 155°W . Contour interval is 0.5 less than 26.0 and 0.2 greater than 26.0.

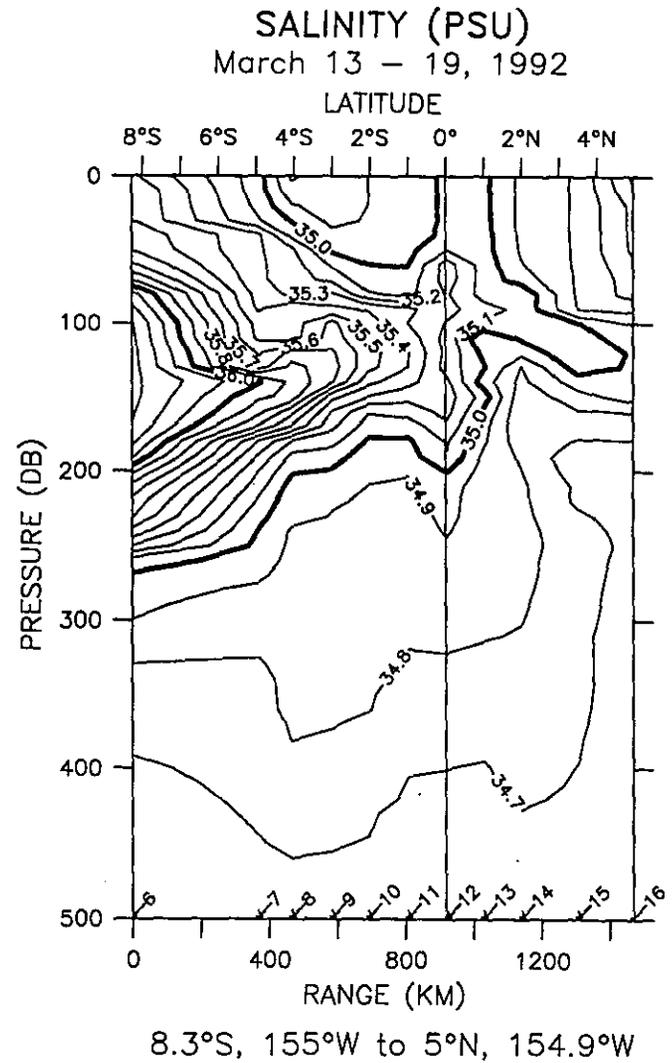
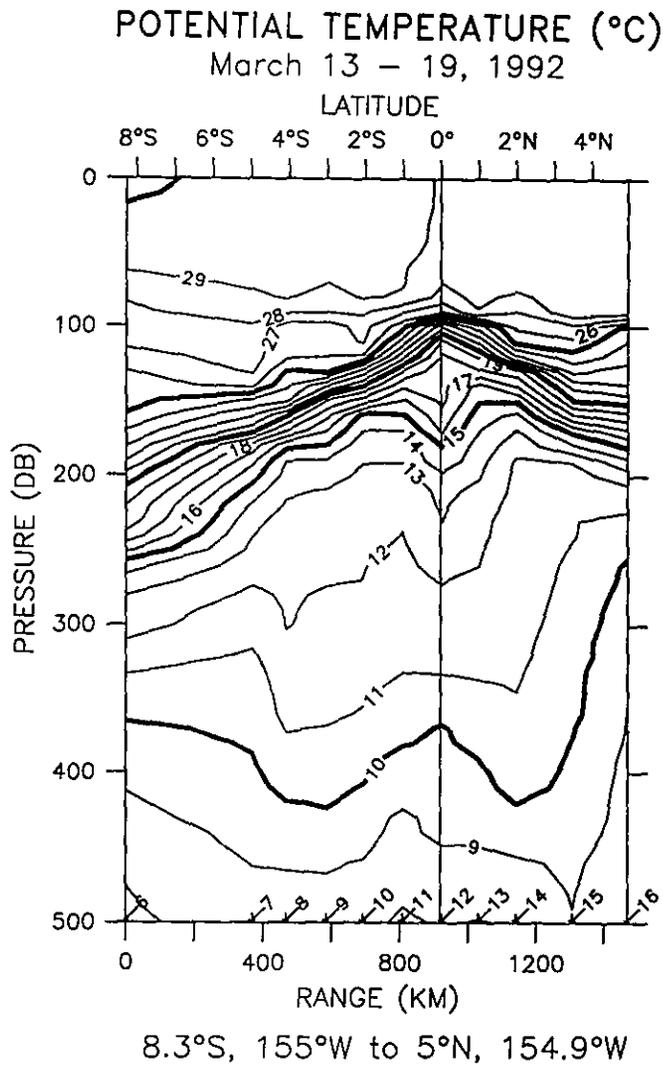


Fig. 19. TG1-92-DI spring potential temperature (C) and salinity (psu) sections along 155°W. Contour intervals are 1°C and 0.1 psu.

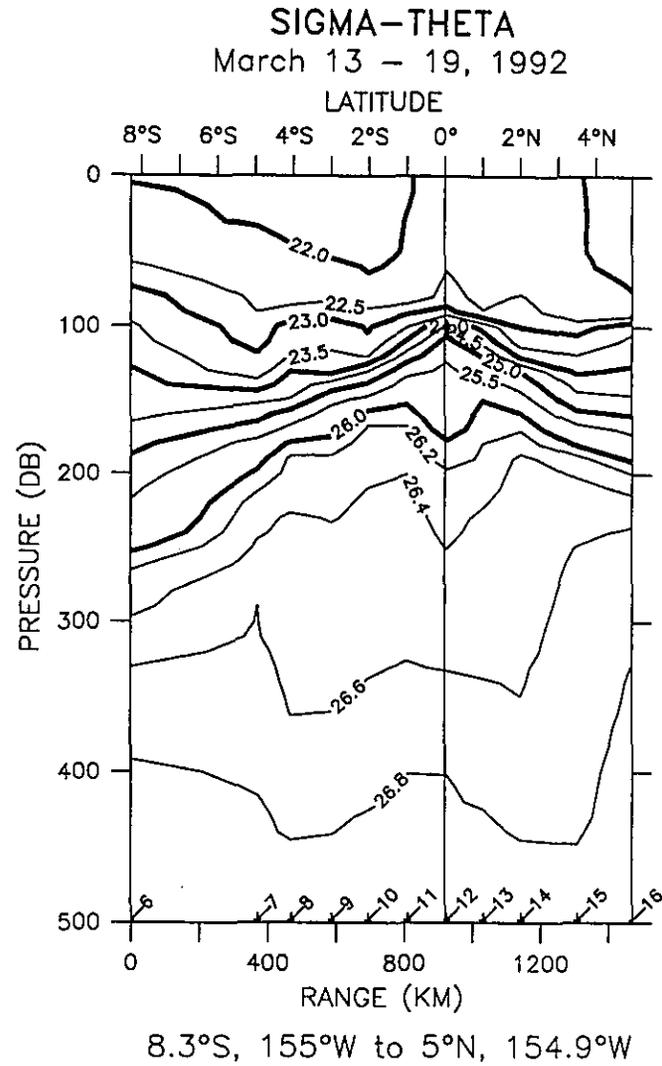


Fig. 20. TG1-92-DI spring potential density (kg/m^3) section along 155°W . Contour interval is 0.5 less than 26.0 and 0.2 greater than 26.0.

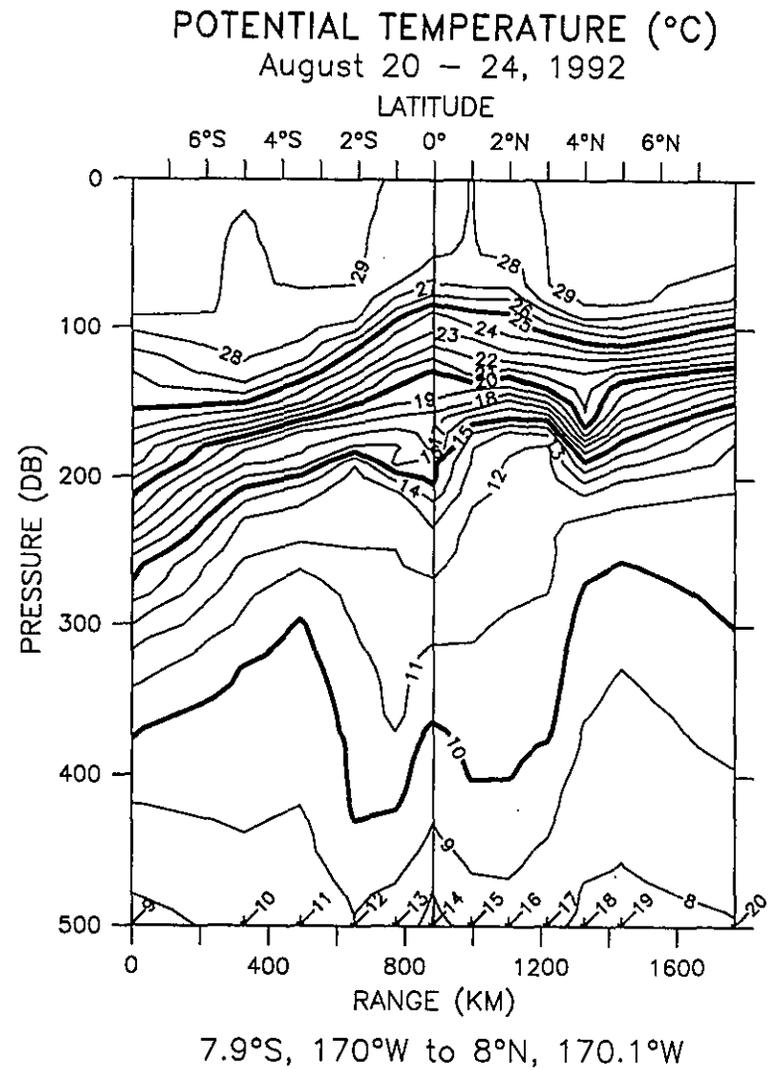
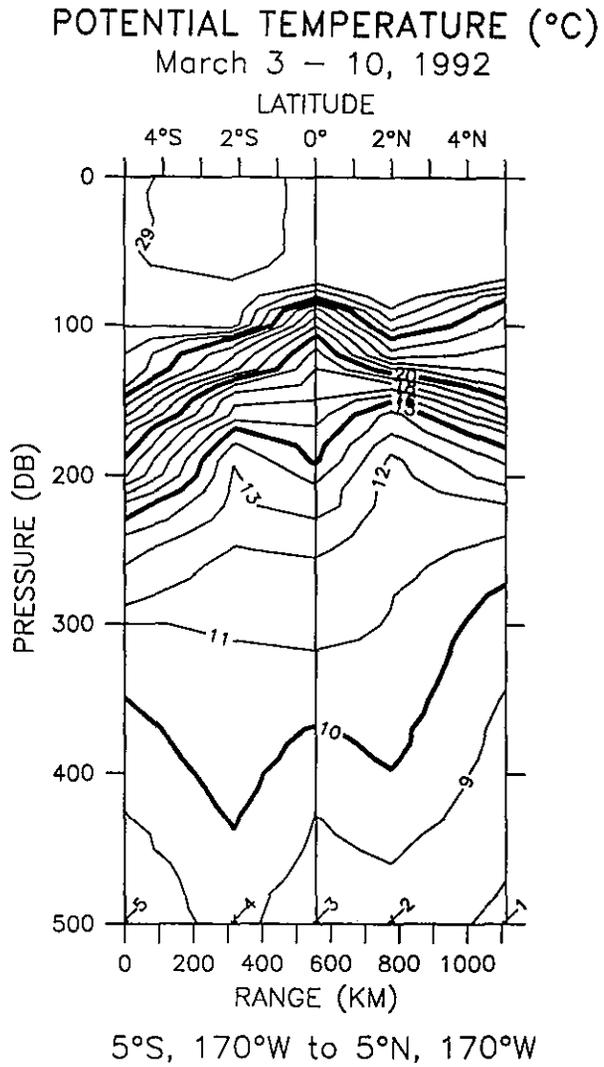


Fig. 21. TG1-92-DI and TG2-92-DI spring potential temperature (C) sections along 170°W. Contour interval is 1°C.

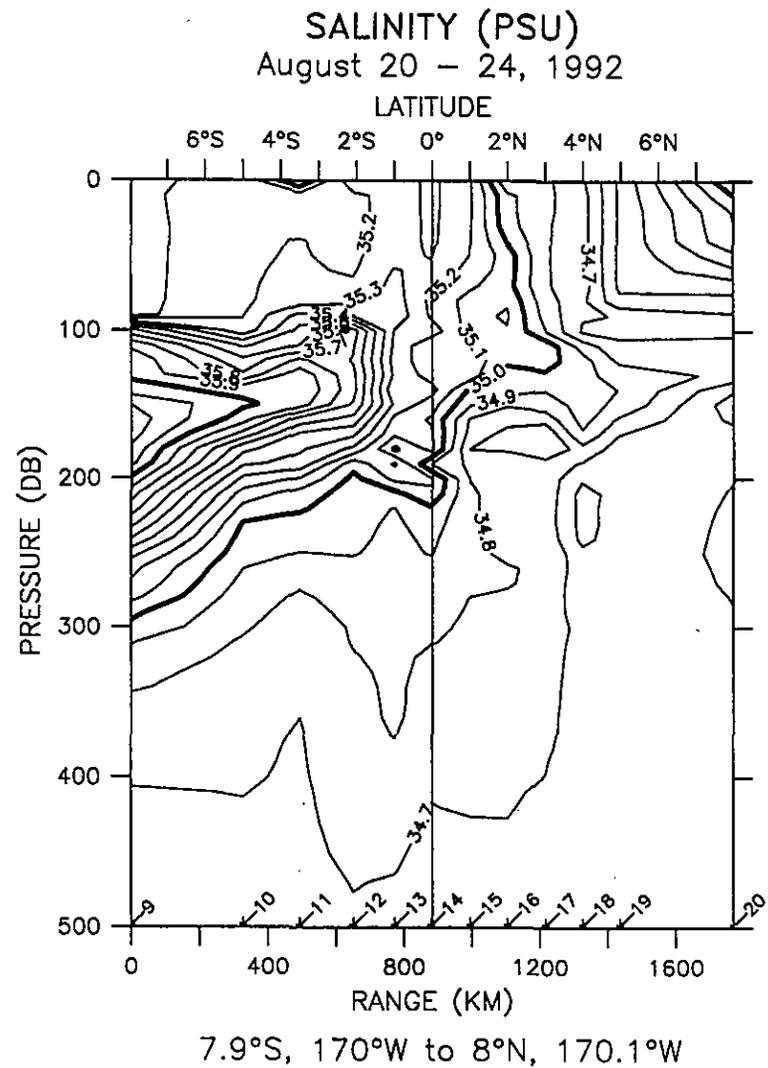
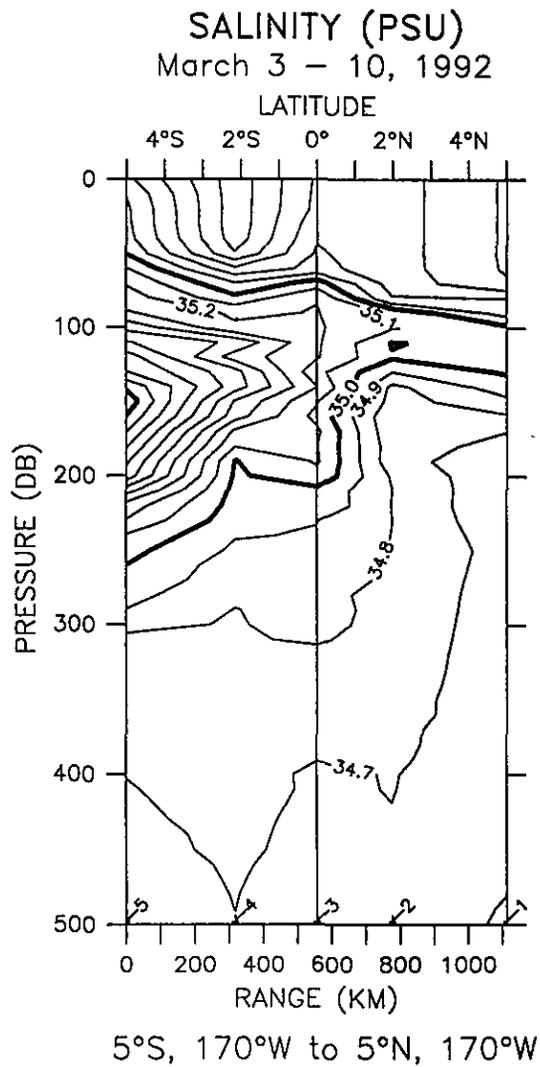


Fig. 22. TG1-92-DI and TG2-92-DI spring salinity (psu) sections along 170°W. Contour interval is 0.1 psu.

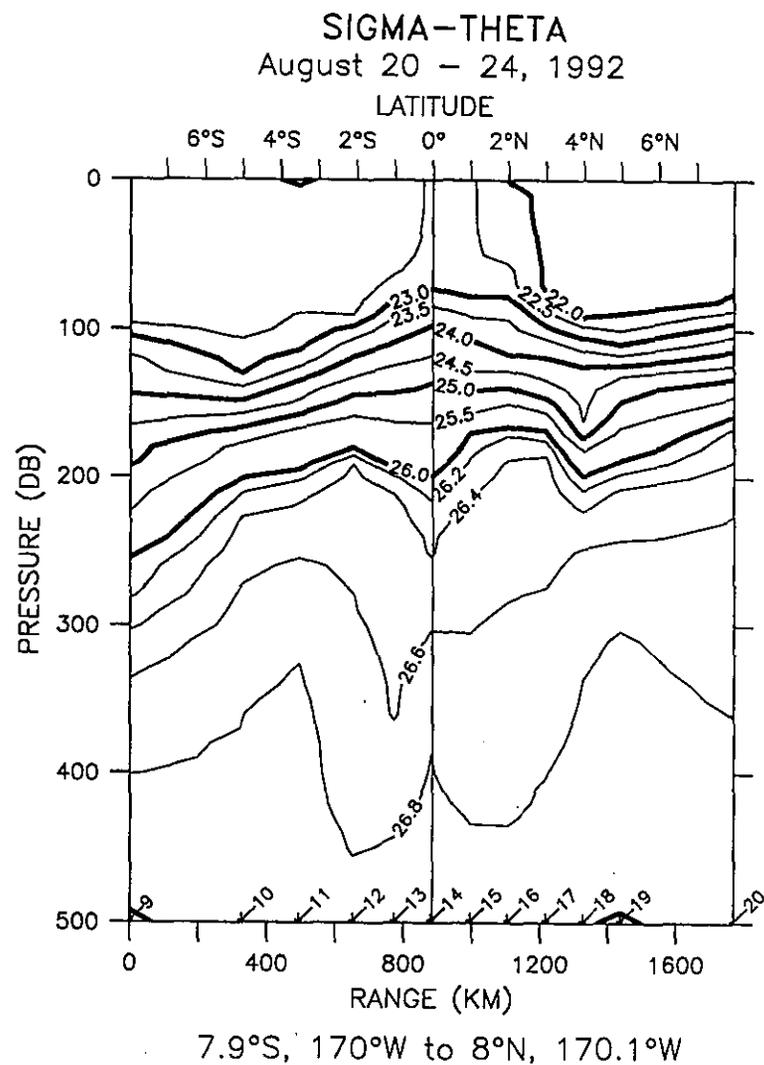
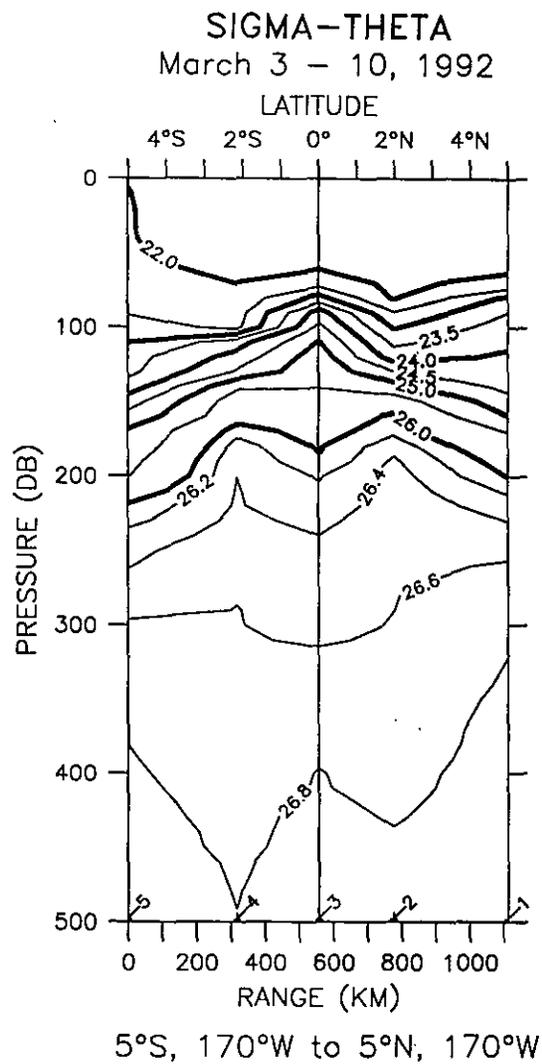


Fig. 23. TG1-92-DI and TG2-92-DI spring potential density (kg/m^3) sections along 170°W . Contour interval is 0.5 less than 26.0 and 0.2 greater than 26.0.

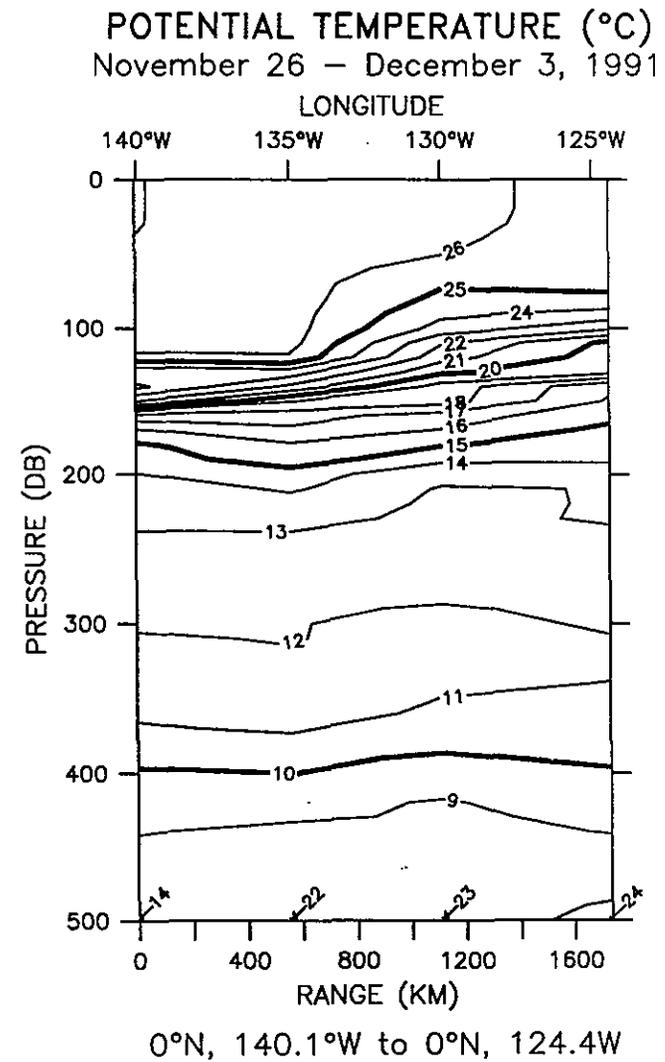
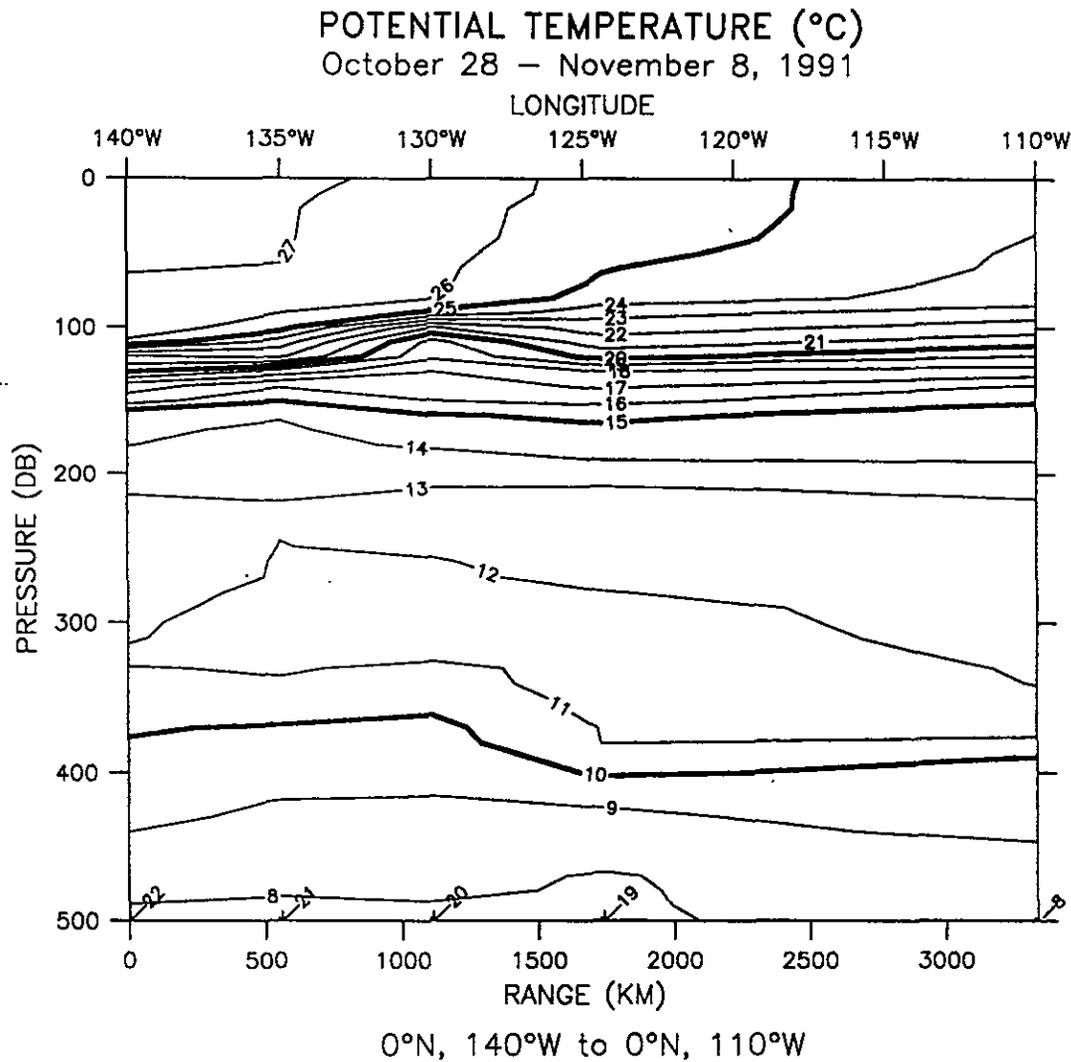


Fig. 24. EP6-91-DI and EP7-91-DI fall potential temperature (°C) sections along the equator. Contour interval is 1°C.

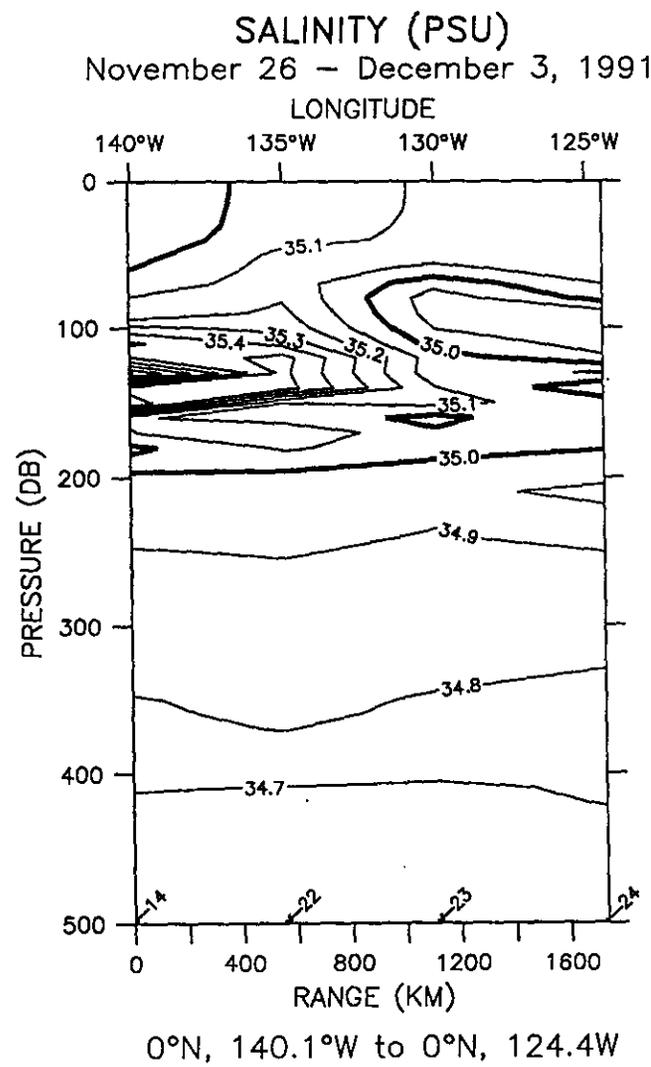
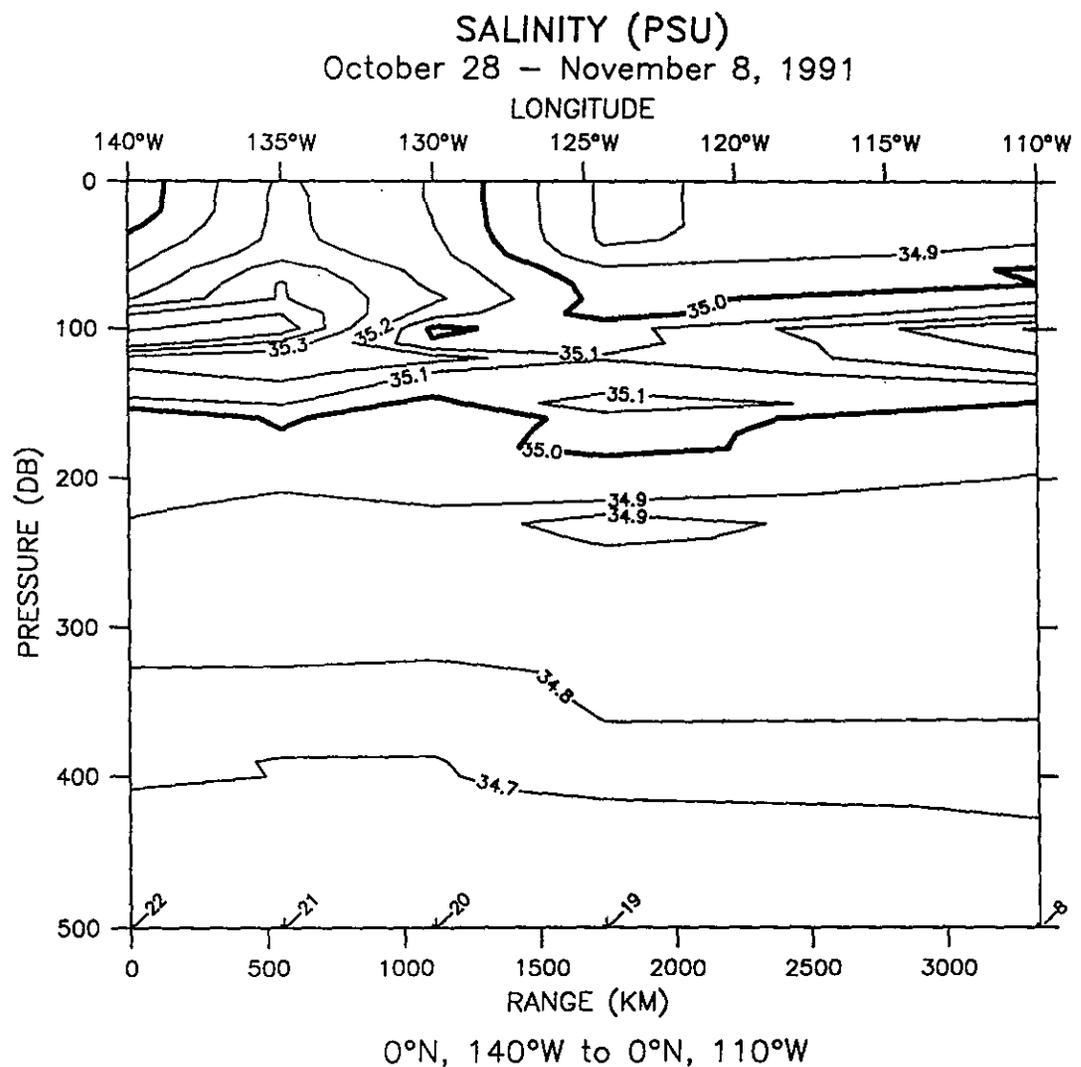


Fig. 25. EP6-92-DI and EP7-92-DI fall salinity (psu) sections along the equator. Contour interval is 0.1 psu.

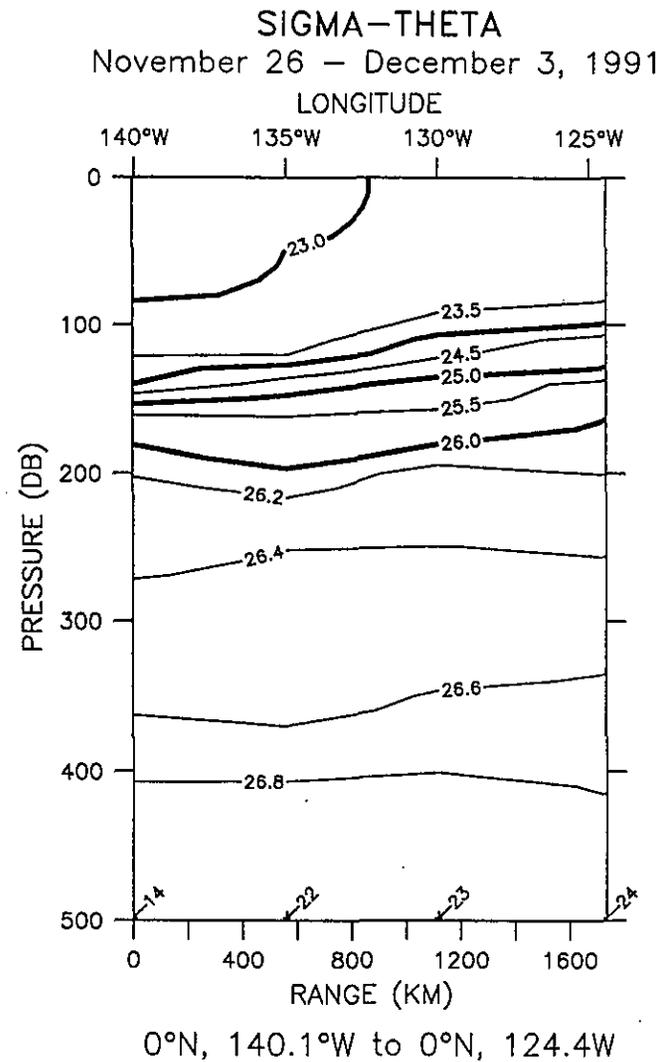
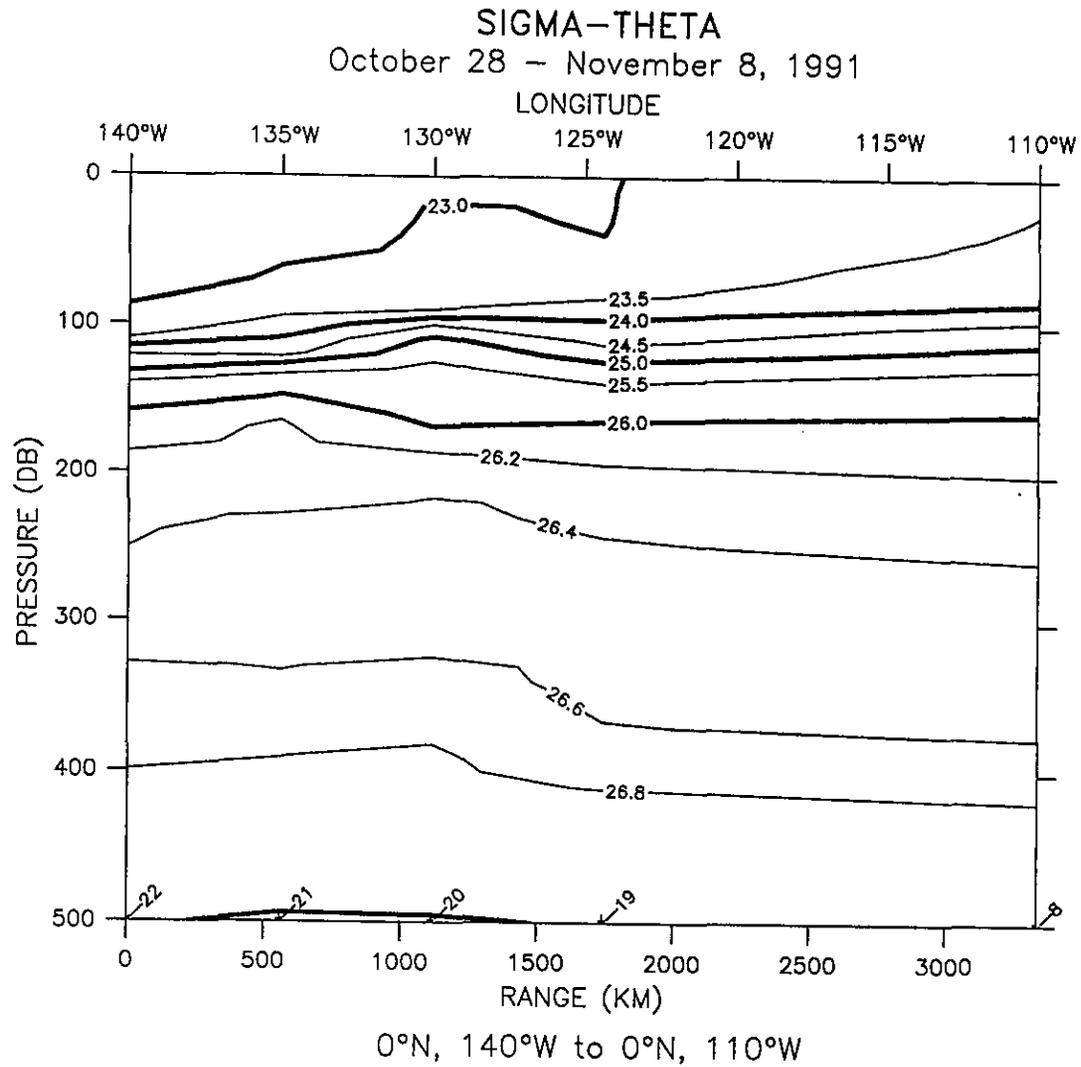


Fig. 26. EP6-92-DI and EP7-92-DI fall potential density (kg/m^3) sections along the equator. Contour interval is 0.5 less than 26.0 and 0.2 greater than 26.0.

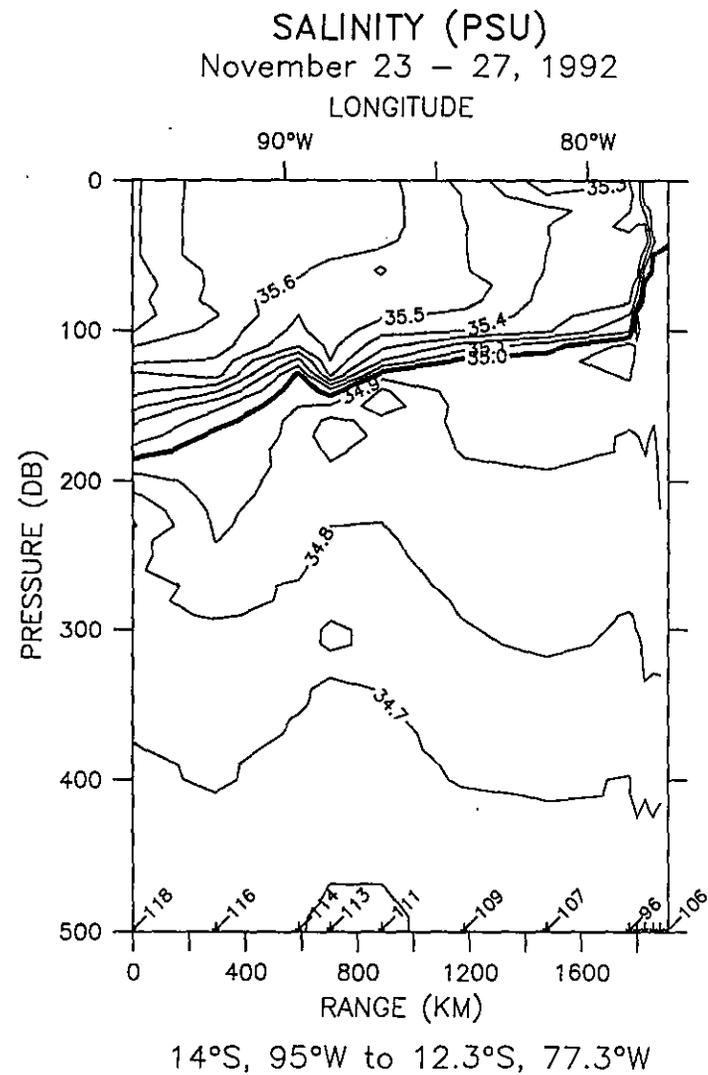
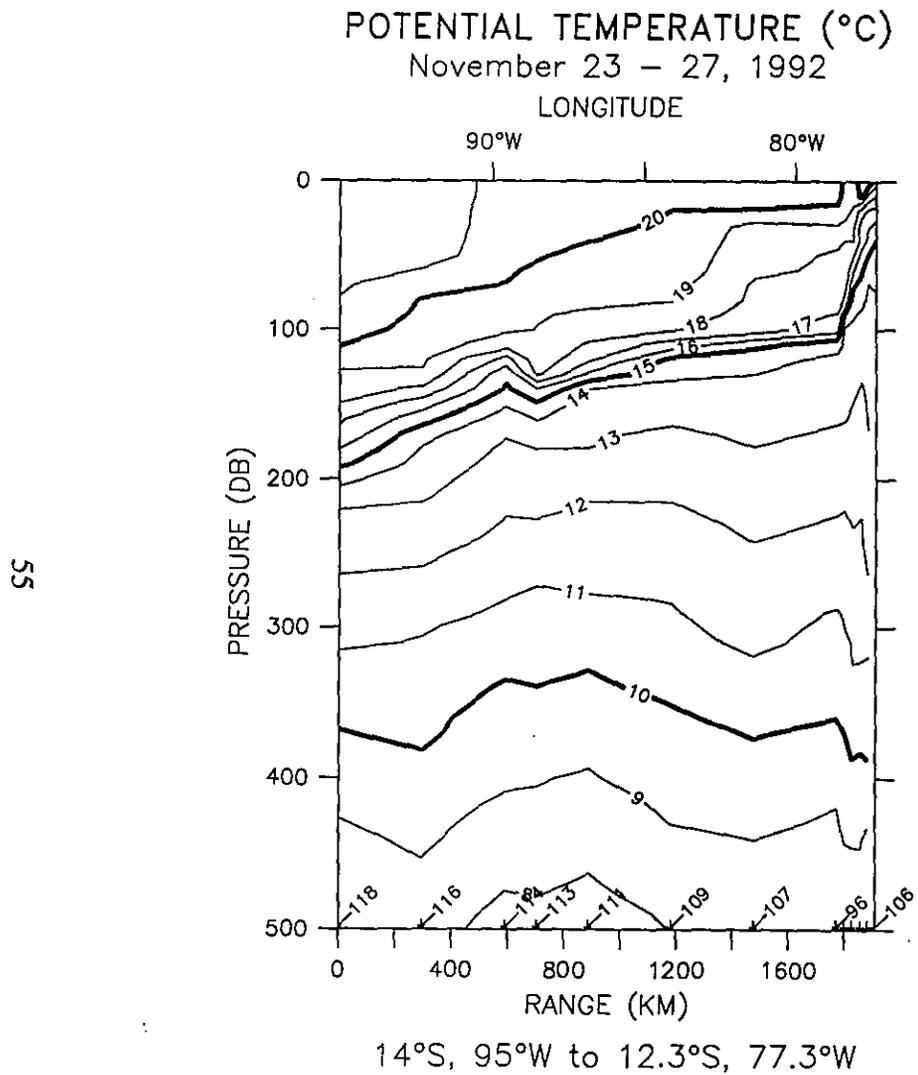


Fig. 27. EP7-92-DI fall potential temperature (C) and salinity (psu) sections from 12°S, 77°W to 14°S, 95°W. Contour intervals are 1°C and 0.1 psu.

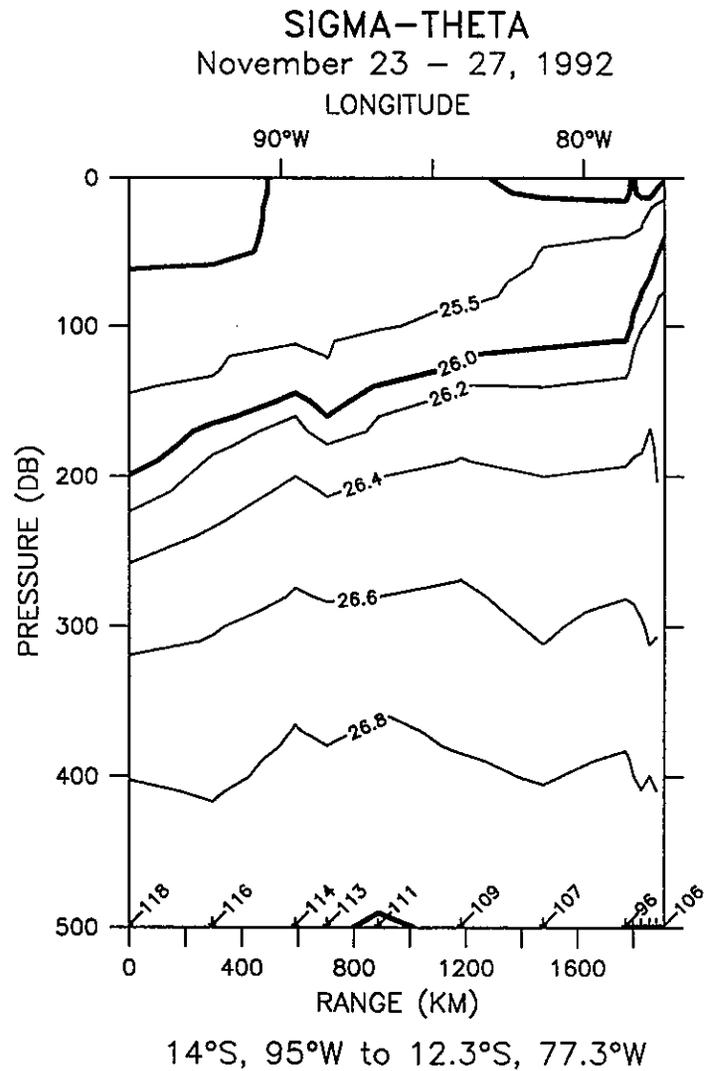
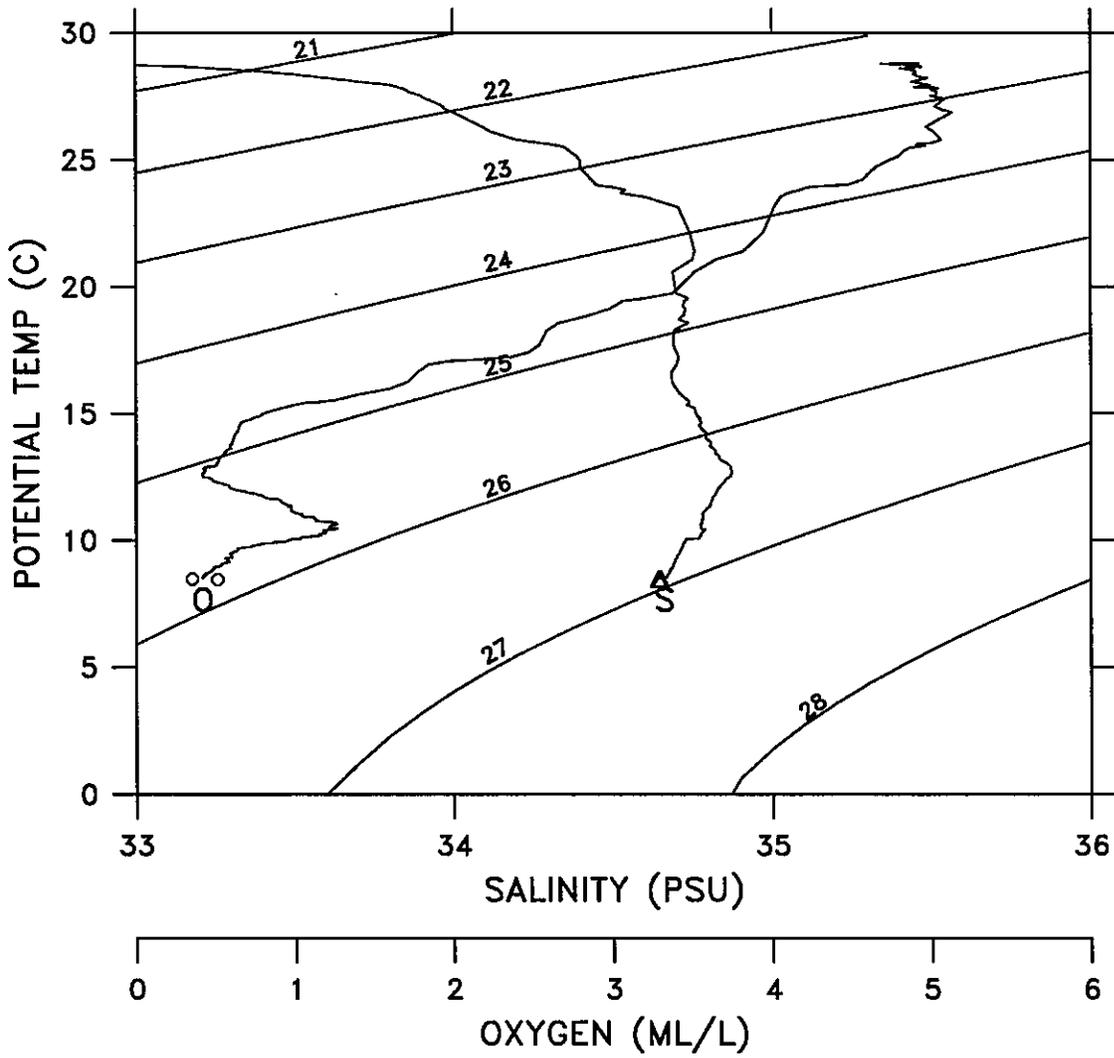
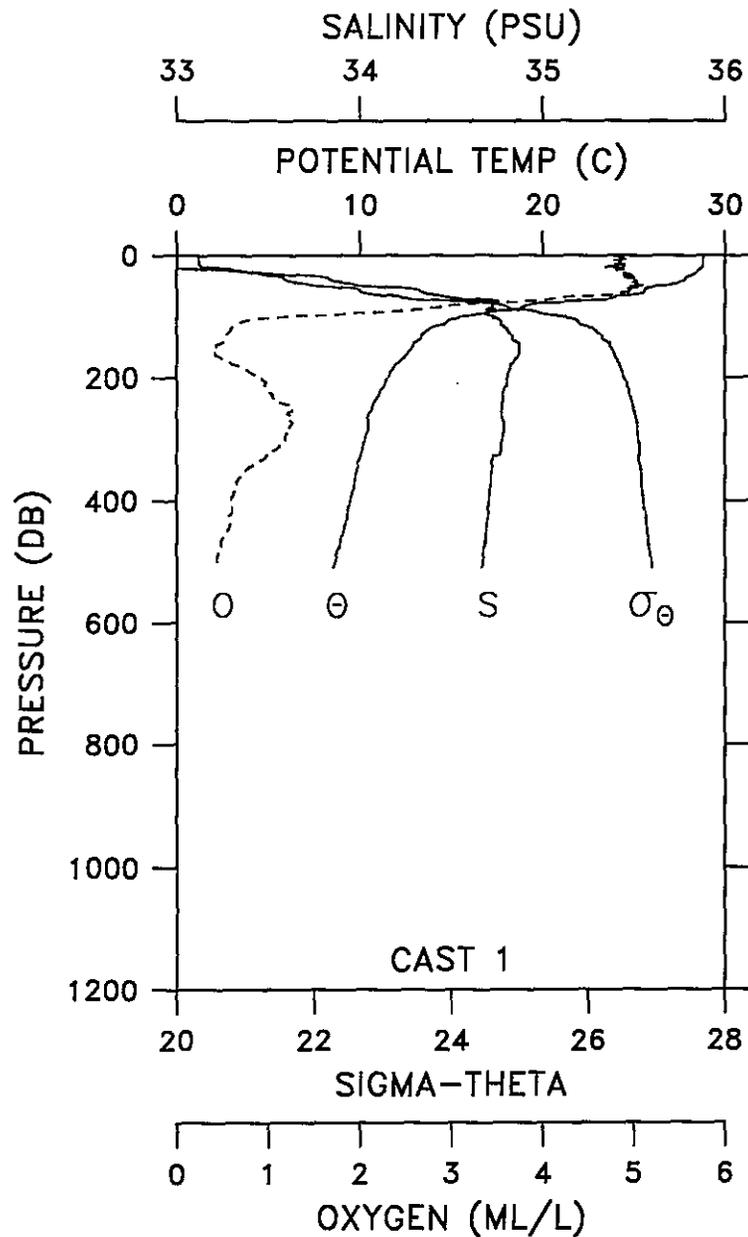


Fig. 28. EP7-92-DI fall potential density (kg/m^3) section from 12°S, 77°W to 14°S, 95°W. Contour interval is 0.5 less than 26.0 and 0.2 greater than 26.0.

EP1-91-MB
March 23–May 26, 1991
CTD/O₂ and Hydrographic Data Summary

CAST EP1-91-MB -001 DATE 01 APR 91 TIME 1621 GMT
LAT 05 41.7N LONG 099 54.0W



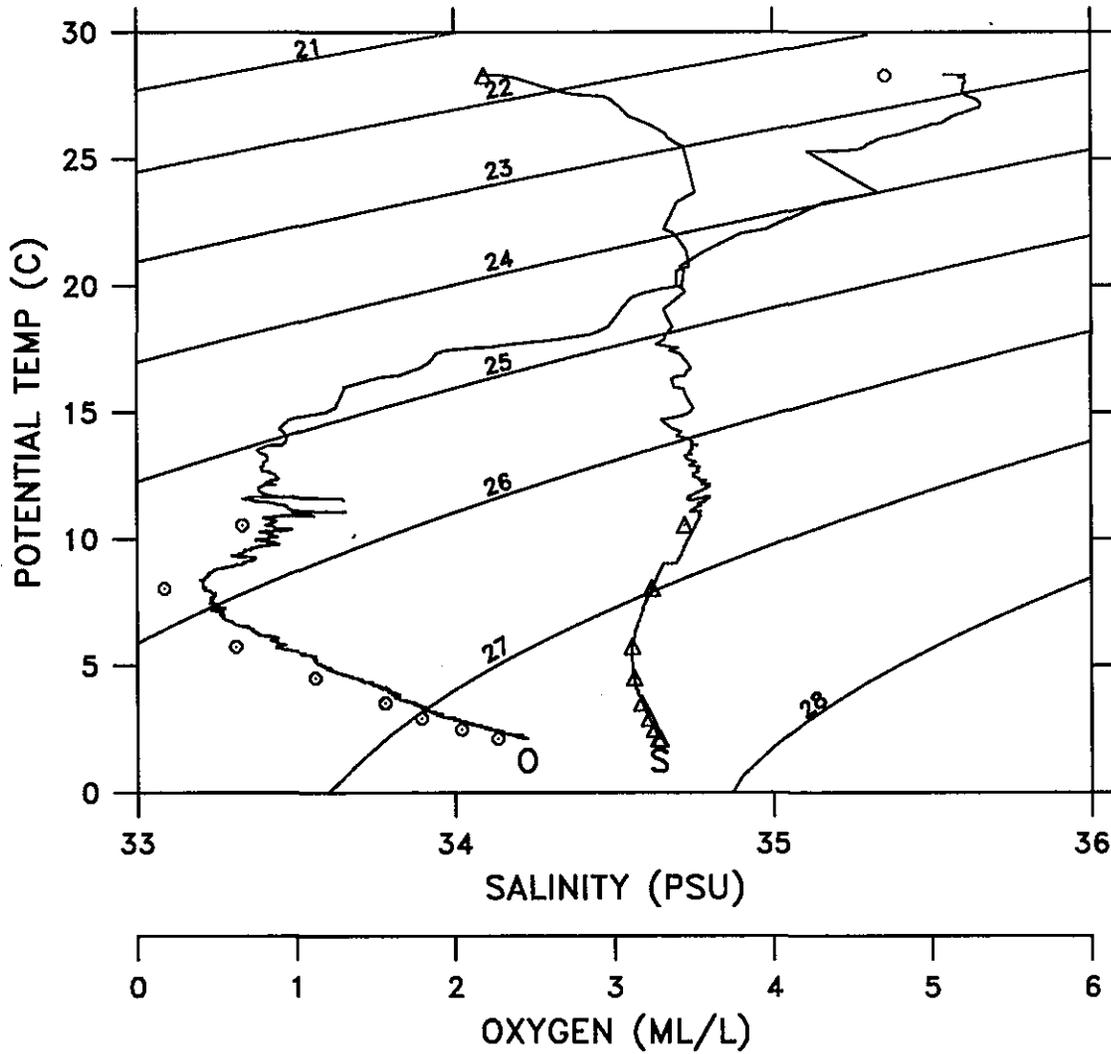


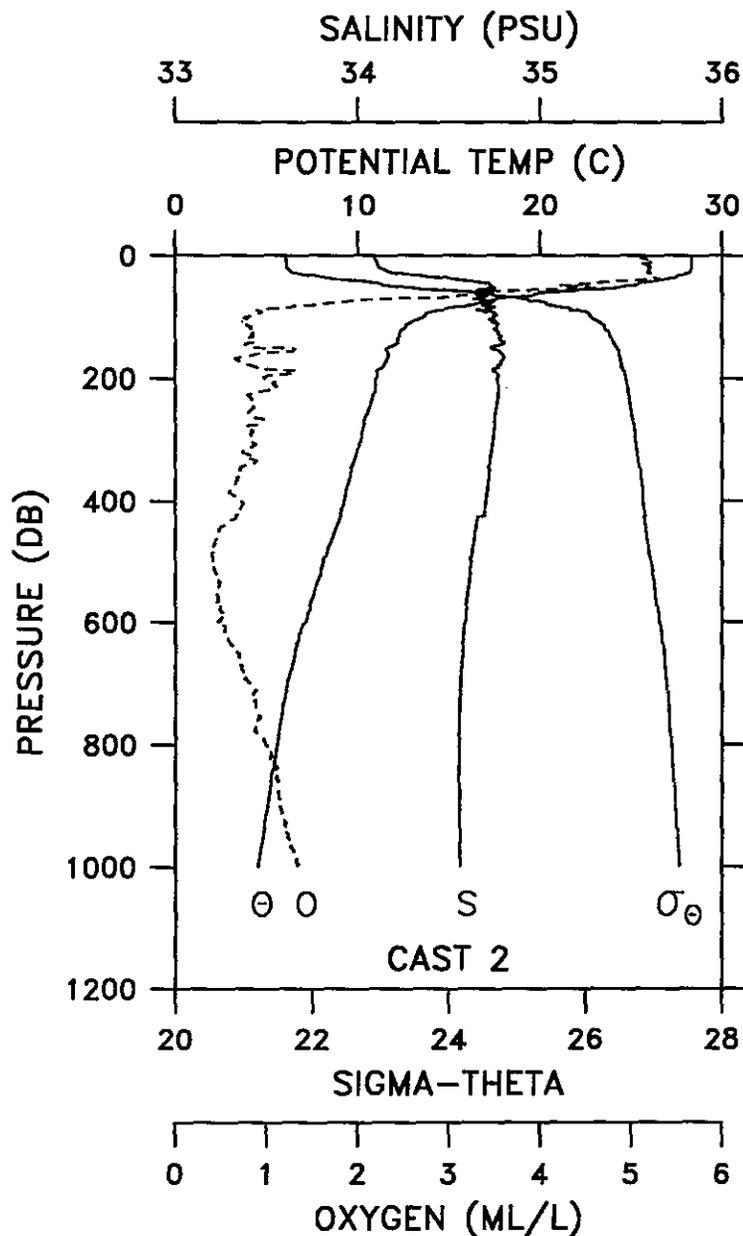
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 LAT 05 41.7N LONG 099 54.0W WEATHER 1 SEA STATE 2
 BAROMETER 15 WIND DIR 070 T SPD 14 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 30.5 WET 26.0 DEPTH 3436 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.815	32.581	4.78	20.313	0.000
10	28.803	32.583	4.86	20.318	0.074
20	28.781	32.763	4.75	20.461	0.148
30	28.314	33.540	4.91	21.197	0.217
40	27.792	33.847	5.00	21.597	0.281
50	26.877	34.001	5.13	22.007	0.341
60	25.533	34.344	4.94	22.684	0.394
70	23.818	34.539	4.17	23.348	0.443
80	19.430	34.724	3.06	24.701	0.482
90	17.686	34.691	2.54	25.113	0.513
100	15.521	34.733	1.25	25.652	0.539
110	14.726	34.772	0.69	25.856	0.562
120	13.808	34.806	0.60	26.078	0.583
130	13.370	34.828	0.54	26.185	0.602
140	13.104	34.847	0.51	26.254	0.620
150	12.867	34.871	0.43	26.320	0.638
160	12.622	34.871	0.42	26.369	0.655
170	12.306	34.849	0.50	26.413	0.672
180	11.951	34.826	0.67	26.464	0.688
190	11.728	34.816	0.80	26.498	0.704
200	11.548	34.807	0.91	26.525	0.719
250	10.669	34.777	1.24	26.662	0.794
300	10.276	34.778	1.19	26.731	0.863
350	9.815	34.720	0.75	26.765	0.931
400	9.487	34.708	0.59	26.811	0.998
450	9.093	34.691	0.55	26.862	1.063
500	8.613	34.671	0.43	26.922	1.125
509	8.518	34.663	0.42	26.931	1.136

CAST EP1-91-MB -002 DATE 03 APR 91 TIME 1248 GMT

LAT 04 57.2N LONG 110 04.4W

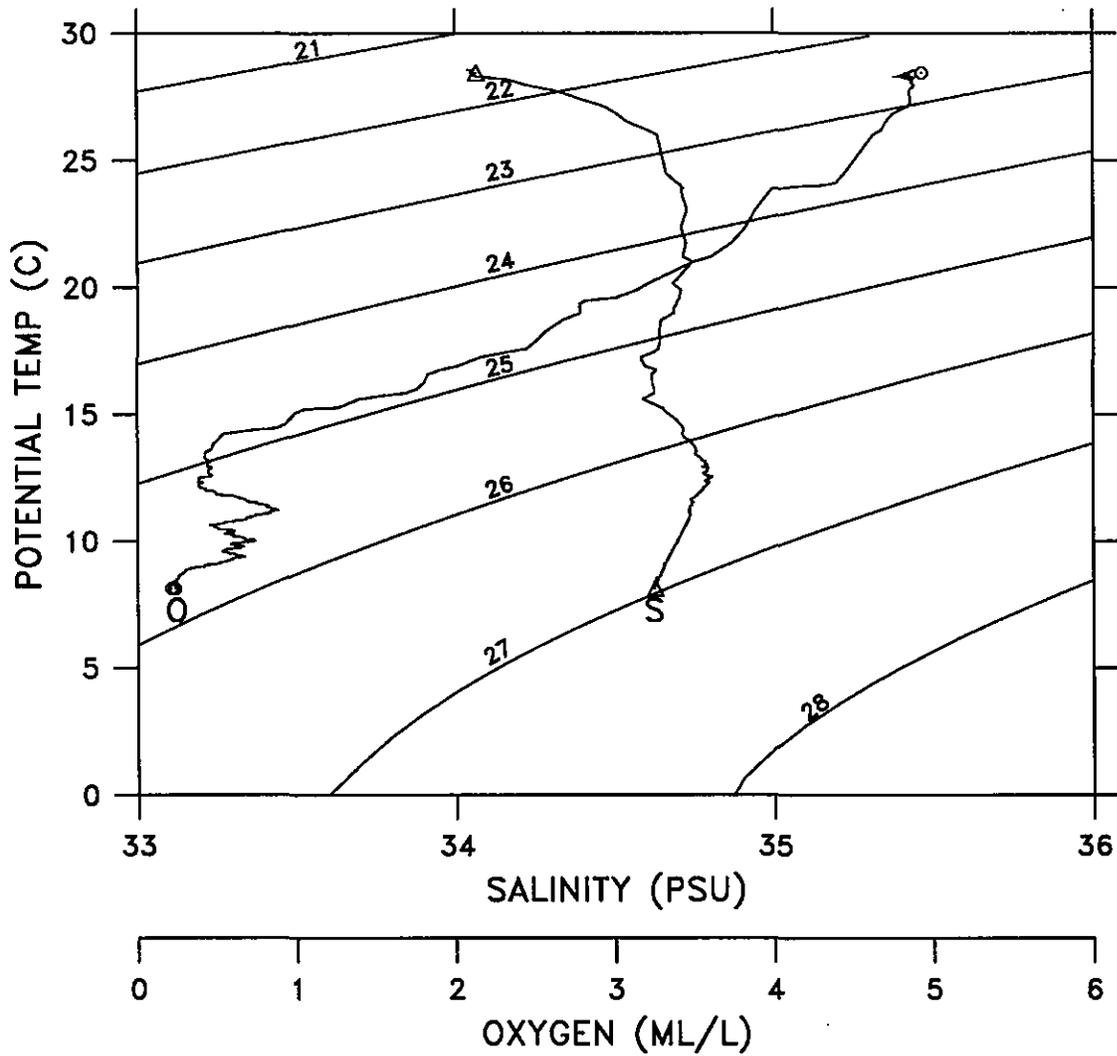




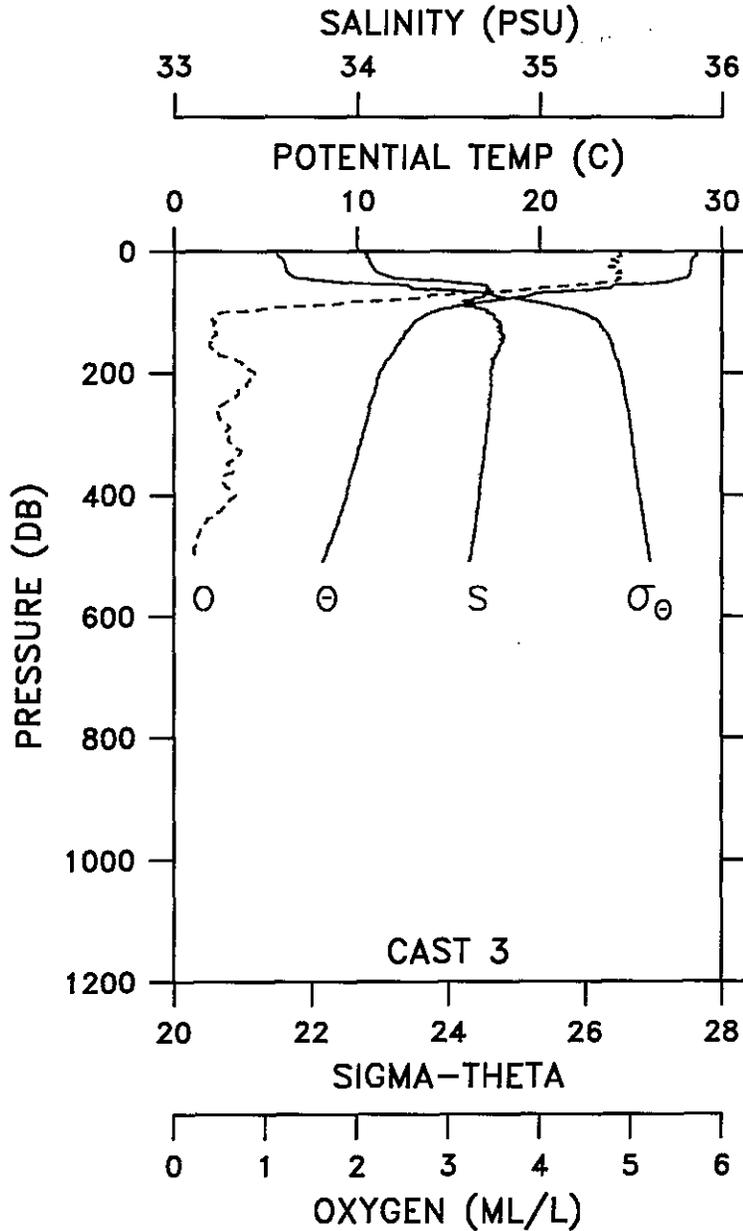
CAST EP1-91-MB -002 DATE 03 APR 91 TIME 1248 GMT
 LAT 04 57.2N LONG 110 04.4W WEATHER 1 SEA STATE 2
 BAROMETER 09 WIND DIR 144 T SPD 10 KT VISIBILITY 7
 CLOUD 2 AMOUNT 4 DRY 27.0 WET 25.0 DEPTH 3900 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.303	34.091	5.10	21.614	0.000
10	28.317	34.104	5.21	21.620	0.062
20	28.314	34.117	5.21	21.630	0.124
30	28.037	34.234	5.22	21.809	0.185
40	26.688	34.548	5.14	22.478	0.242
50	25.036	34.728	4.29	23.126	0.292
60	20.750	34.736	3.41	24.362	0.335
70	17.866	34.659	2.64	25.045	0.368
80	16.389	34.691	1.54	25.421	0.395
90	14.364	34.682	0.90	25.865	0.418
100	13.622	34.744	0.79	26.069	0.439
110	12.910	34.738	0.80	26.209	0.458
120	12.597	34.759	0.84	26.287	0.475
130	12.300	34.775	0.85	26.357	0.492
140	12.138	34.788	0.86	26.398	0.509
150	11.659	34.733	0.90	26.447	0.526
160	11.643	34.788	0.89	26.492	0.541
170	11.581	34.796	0.67	26.510	0.557
180	11.415	34.766	0.86	26.518	0.573
190	11.087	34.758	1.30	26.571	0.588
200	11.018	34.766	0.98	26.590	0.603
250	10.596	34.757	0.83	26.659	0.676
300	10.168	34.742	0.84	26.722	0.746
350	9.618	34.719	0.72	26.797	0.813
400	9.253	34.703	0.73	26.845	0.878
450	8.723	34.644	0.48	26.883	0.942
500	8.085	34.620	0.43	26.963	1.002
550	7.623	34.603	0.47	27.018	1.060
600	7.113	34.587	0.54	27.078	1.115
650	6.541	34.573	0.67	27.145	1.167
700	6.148	34.565	0.84	27.190	1.217
750	5.826	34.556	0.92	27.224	1.265
800	5.569	34.555	0.99	27.255	1.311
900	5.053	34.558	1.15	27.319	1.399
1000	4.543	34.562	1.35	27.379	1.482
1500	2.939	34.607	1.95	27.577	1.827
2000	2.123	34.643	2.45	27.676	2.107
2012	2.107	34.644	2.45	27.678	2.113

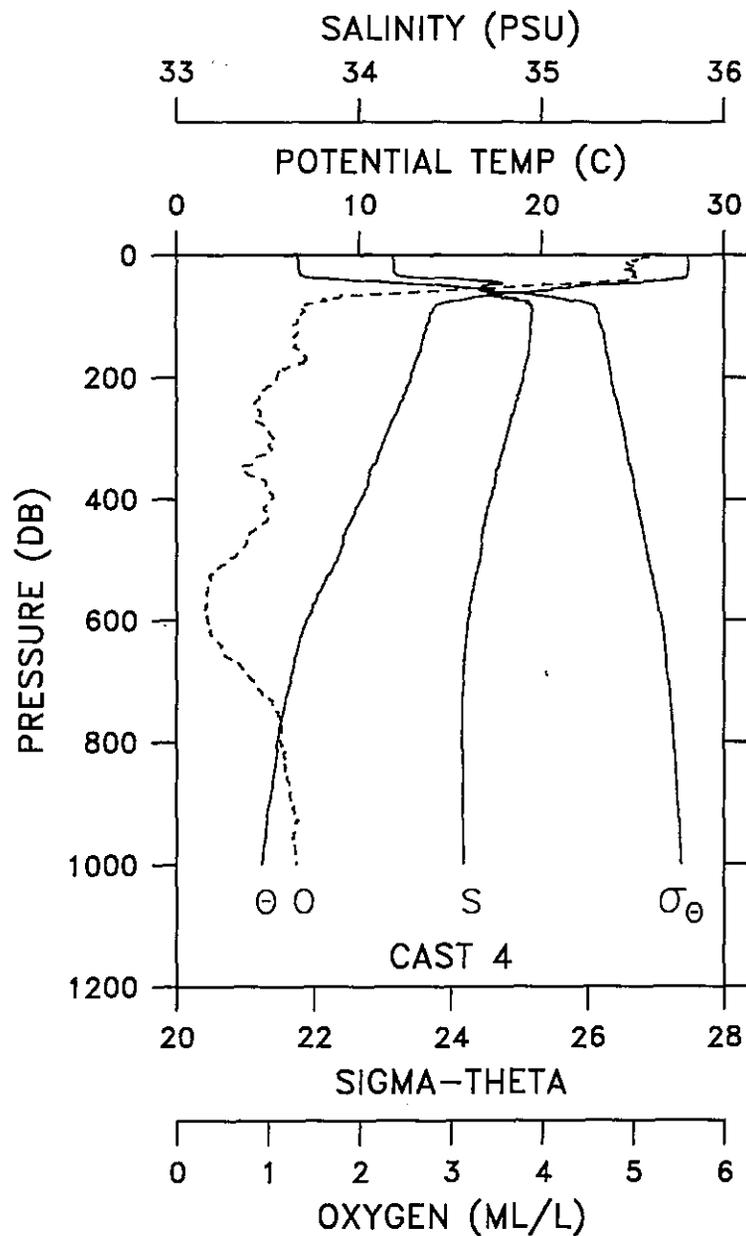
CAST EP1-91-MB -003 DATE 04 APR 91 TIME 0338 GMT
LAT 05 02.3N LONG 110 00.7W



CAST EP1-91-MB -003 DATE 04 APR 91 TIME 0338 GMT
 LAT 05 02.3N LONG 110 00.7W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 156 T SPD 10 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 27.8 WET 25.5 DEPTH 3892 M



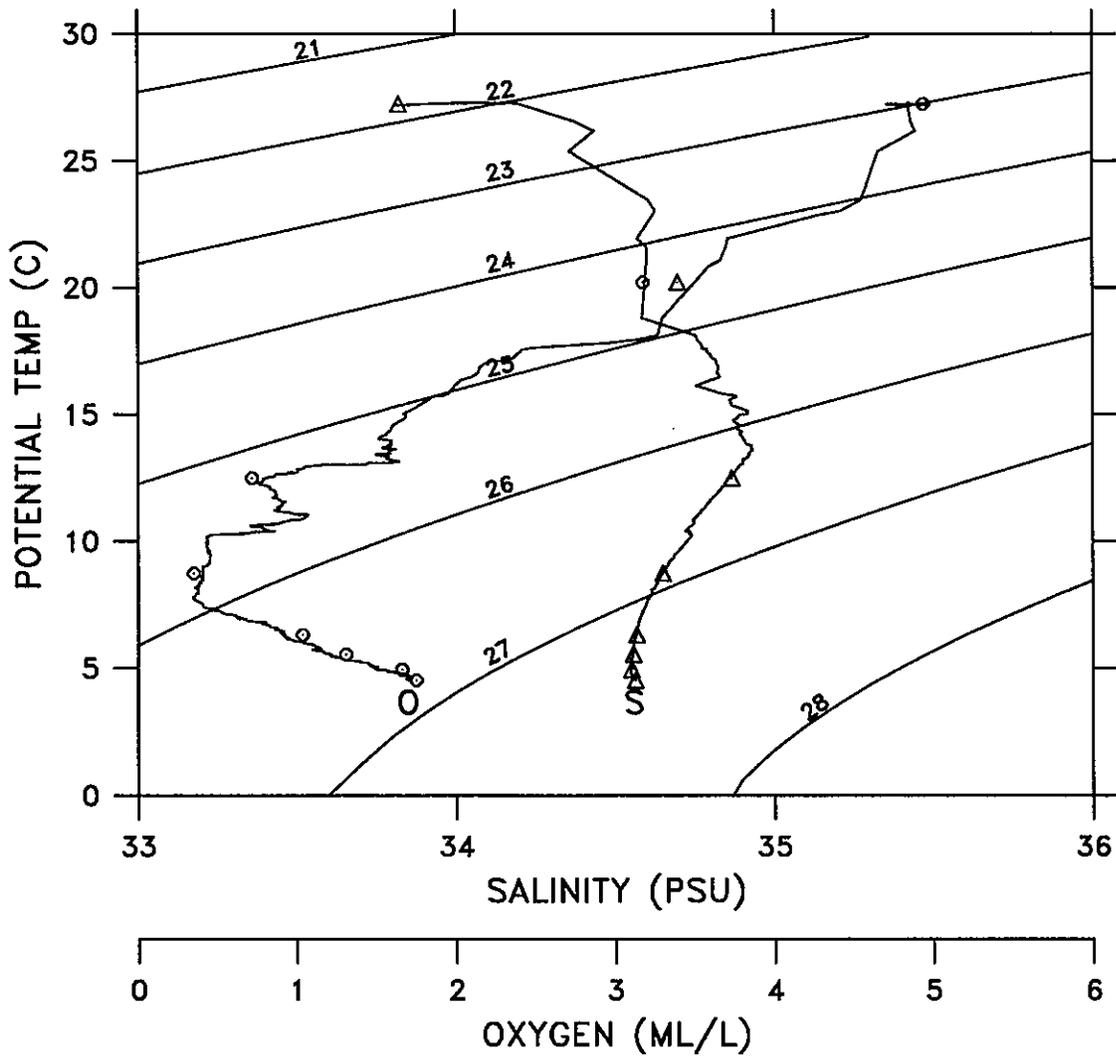
PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.569	34.041	4.87	21.489	0.000
10	28.456	34.048	4.85	21.532	0.063
20	28.297	34.070	4.86	21.601	0.125
30	28.277	34.091	4.85	21.623	0.187
40	28.185	34.155	4.88	21.702	0.249
50	27.102	34.471	4.84	22.289	0.308
60	23.897	34.714	4.03	23.457	0.357
70	19.708	34.703	3.06	24.613	0.396
80	17.580	34.634	2.44	25.095	0.427
90	15.611	34.587	1.40	25.518	0.454
100	14.227	34.710	0.53	25.916	0.477
110	13.483	34.753	0.42	26.104	0.497
120	13.043	34.785	0.44	26.219	0.515
130	12.805	34.787	0.44	26.267	0.533
140	12.535	34.802	0.43	26.333	0.551
150	12.307	34.795	0.41	26.371	0.568
160	12.083	34.776	0.41	26.400	0.584
170	11.898	34.760	0.49	26.423	0.601
180	11.572	34.741	0.69	26.469	0.617
190	11.437	34.738	0.79	26.492	0.633
200	11.221	34.731	0.88	26.526	0.649
250	10.755	34.724	0.56	26.605	0.725
300	10.292	34.705	0.55	26.672	0.797
350	9.866	34.688	0.59	26.732	0.868
400	9.394	34.668	0.67	26.794	0.935
450	8.875	34.649	0.30	26.863	1.000
500	8.290	34.624	0.23	26.935	1.062
509	8.130	34.616	0.24	26.953	1.073



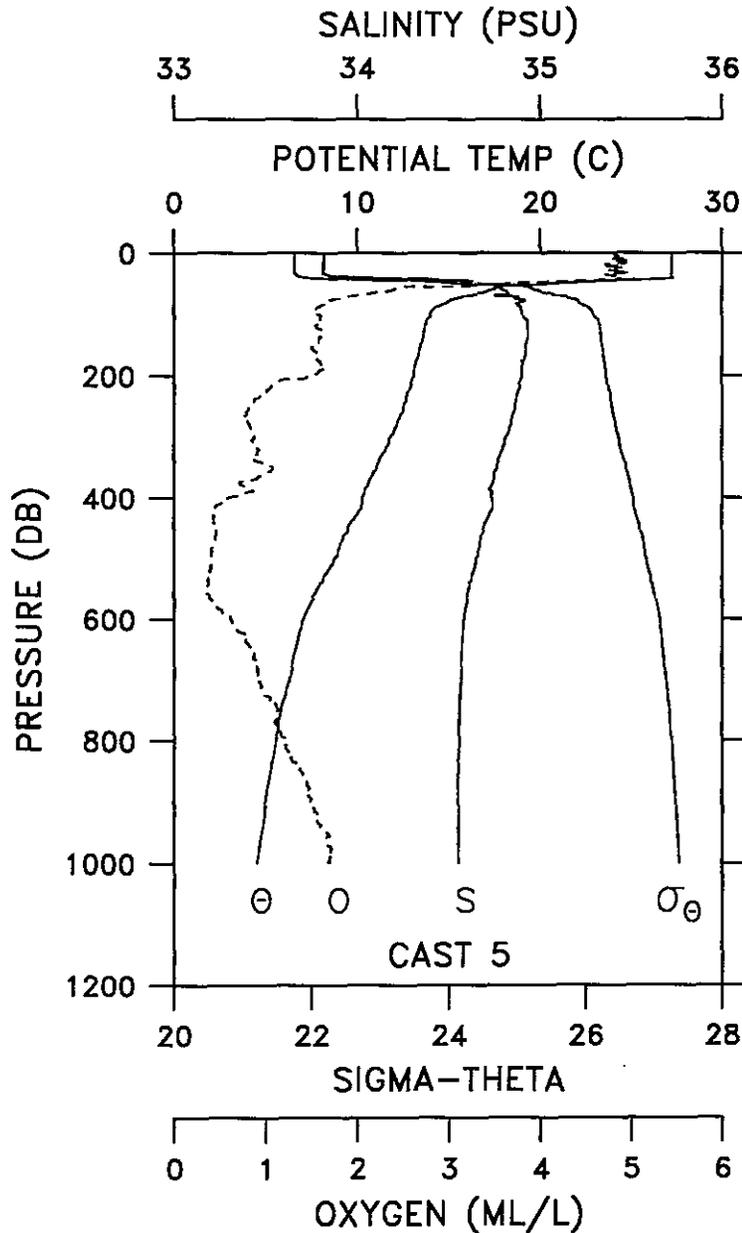
CAST EP1-91-MB -004 DATE 04 APR 91 TIME 0921 GMT
 LAT 04 00.4N LONG 109 59.8W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 138 T SPD 12 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 26.3 WET 24.4 DEPTH 3890 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.035	34.186	5.18	21.774	0.000
10	28.037	34.187	5.04	21.774	0.060
20	28.036	34.188	5.01	21.775	0.121
30	27.998	34.190	5.07	21.789	0.181
40	27.102	34.561	4.96	22.357	0.240
50	22.396	34.679	3.88	23.864	0.288
60	19.350	34.731	2.61	24.727	0.324
70	16.132	34.802	1.77	25.566	0.351
80	14.463	34.932	1.43	26.036	0.373
90	14.042	34.950	1.39	26.140	0.392
100	13.870	34.946	1.34	26.173	0.411
110	13.791	34.943	1.33	26.187	0.430
120	13.655	34.939	1.31	26.212	0.448
130	13.508	34.934	1.30	26.239	0.466
140	13.442	34.932	1.29	26.251	0.484
150	13.375	34.929	1.28	26.263	0.502
160	13.262	34.925	1.37	26.283	0.520
170	13.135	34.920	1.42	26.304	0.538
180	13.013	34.909	1.30	26.321	0.555
190	12.909	34.900	1.13	26.334	0.573
200	12.833	34.900	1.10	26.349	0.590
250	12.129	34.850	0.86	26.448	0.674
300	11.403	34.804	1.06	26.550	0.754
350	10.684	34.757	0.71	26.643	0.829
400	10.096	34.716	1.04	26.714	0.902
450	9.298	34.678	0.87	26.818	0.970
500	8.785	34.659	0.58	26.886	1.034
550	7.909	34.623	0.35	26.992	1.095
600	7.088	34.594	0.34	27.087	1.150
650	6.589	34.580	0.50	27.144	1.202
700	6.216	34.569	0.86	27.184	1.252
750	5.830	34.563	1.09	27.229	1.300
800	5.517	34.563	1.14	27.267	1.346
900	5.075	34.566	1.27	27.323	1.434
1000	4.661	34.569	1.31	27.372	1.517
1005	4.646	34.569	1.31	27.374	1.521

CAST EP1-91-MB -005 DATE 04 APR 91 TIME 1504 GMT
LAT 03 00.3N LONG 110 00.1W

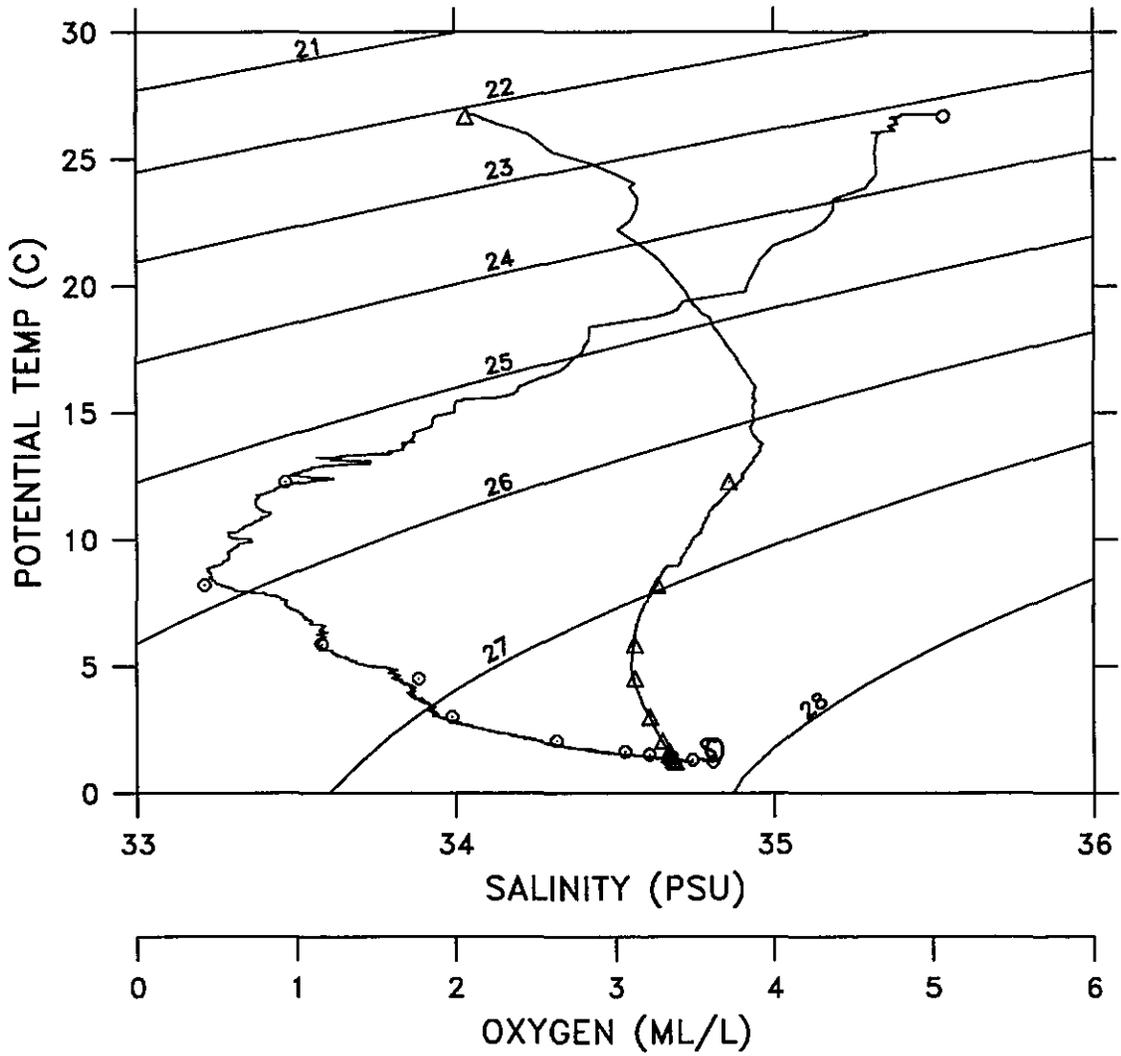


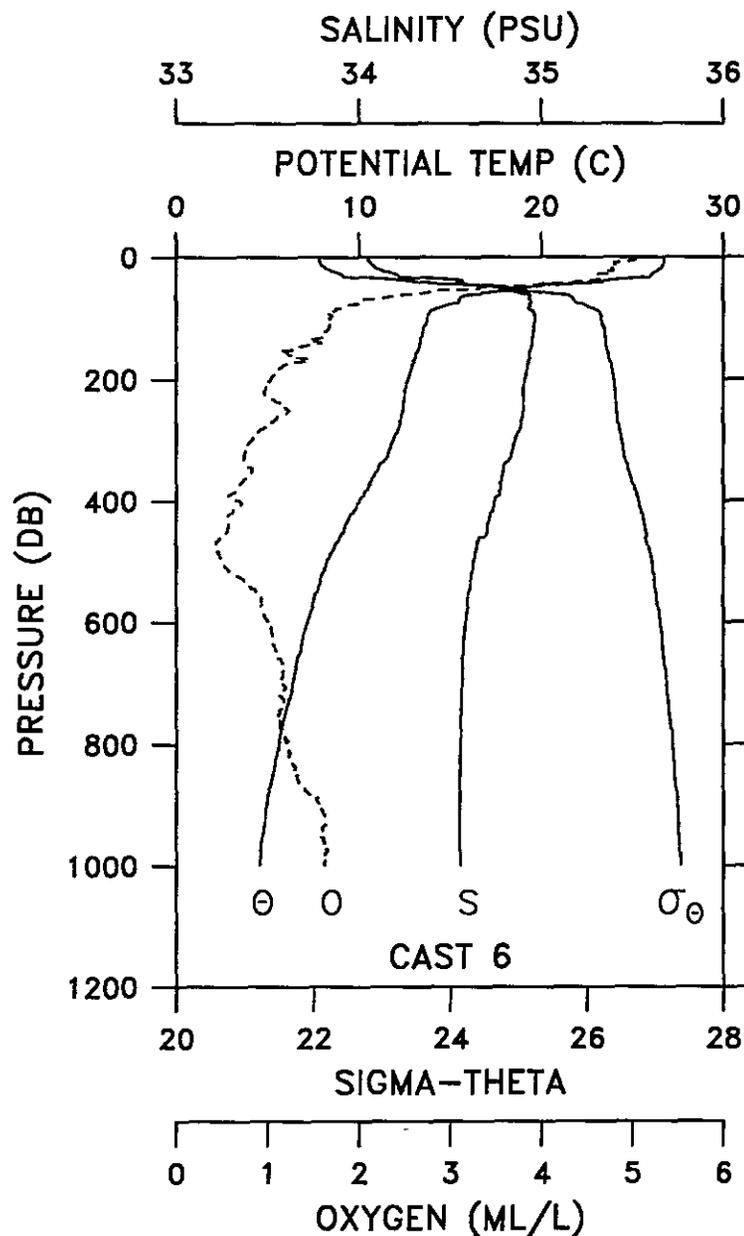
CAST EP1-91-MB-005 DATE 04 APR 91 TIME 1504 GMT
 LAT 03 00.3N LONG 110 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 147 T SPD 09 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 27.5 WET 25.0 DEPTH 3908 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.241	33.817	4.81	21.752	0.000
10	27.239	33.815	4.83	21.751	0.061
20	27.237	33.815	4.75	21.752	0.121
30	27.238	33.815	4.89	21.752	0.182
40	27.289	34.071	4.85	21.928	0.242
50	21.066	34.602	3.66	24.174	0.289
60	17.356	34.799	2.38	25.276	0.319
70	15.826	34.832	1.95	25.659	0.345
80	14.911	34.886	1.68	25.904	0.367
90	14.220	34.893	1.56	26.058	0.387
100	13.987	34.905	1.59	26.117	0.406
110	13.767	34.928	1.57	26.181	0.425
120	13.674	34.930	1.55	26.202	0.444
130	13.614	34.932	1.62	26.216	0.462
140	13.567	34.929	1.58	26.223	0.480
150	13.454	34.919	1.57	26.239	0.499
160	13.373	34.921	1.54	26.257	0.517
170	13.314	34.916	1.57	26.265	0.535
180	13.188	34.905	1.60	26.282	0.553
190	13.111	34.901	1.62	26.294	0.570
200	13.097	34.903	1.46	26.299	0.588
250	12.516	34.862	0.82	26.383	0.675
300	11.796	34.815	0.88	26.484	0.758
350	11.039	34.762	1.07	26.583	0.837
400	10.282	34.735	0.59	26.697	0.911
450	9.514	34.692	0.44	26.794	0.981
500	8.745	34.649	0.41	26.885	1.046
550	7.827	34.610	0.35	26.994	1.108
600	7.038	34.581	0.62	27.084	1.162
650	6.617	34.573	0.84	27.135	1.214
700	6.271	34.567	0.93	27.175	1.264
750	5.820	34.558	1.14	27.227	1.312
800	5.544	34.556	1.21	27.259	1.359
900	4.980	34.552	1.49	27.322	1.447
1000	4.548	34.554	1.70	27.373	1.530
1009	4.518	34.556	1.70	27.378	1.537

CAST EP1-91-MB -006 DATE 05 APR 91 TIME 0733 GMT
LAT 02 00.6N LONG 110 14.6W

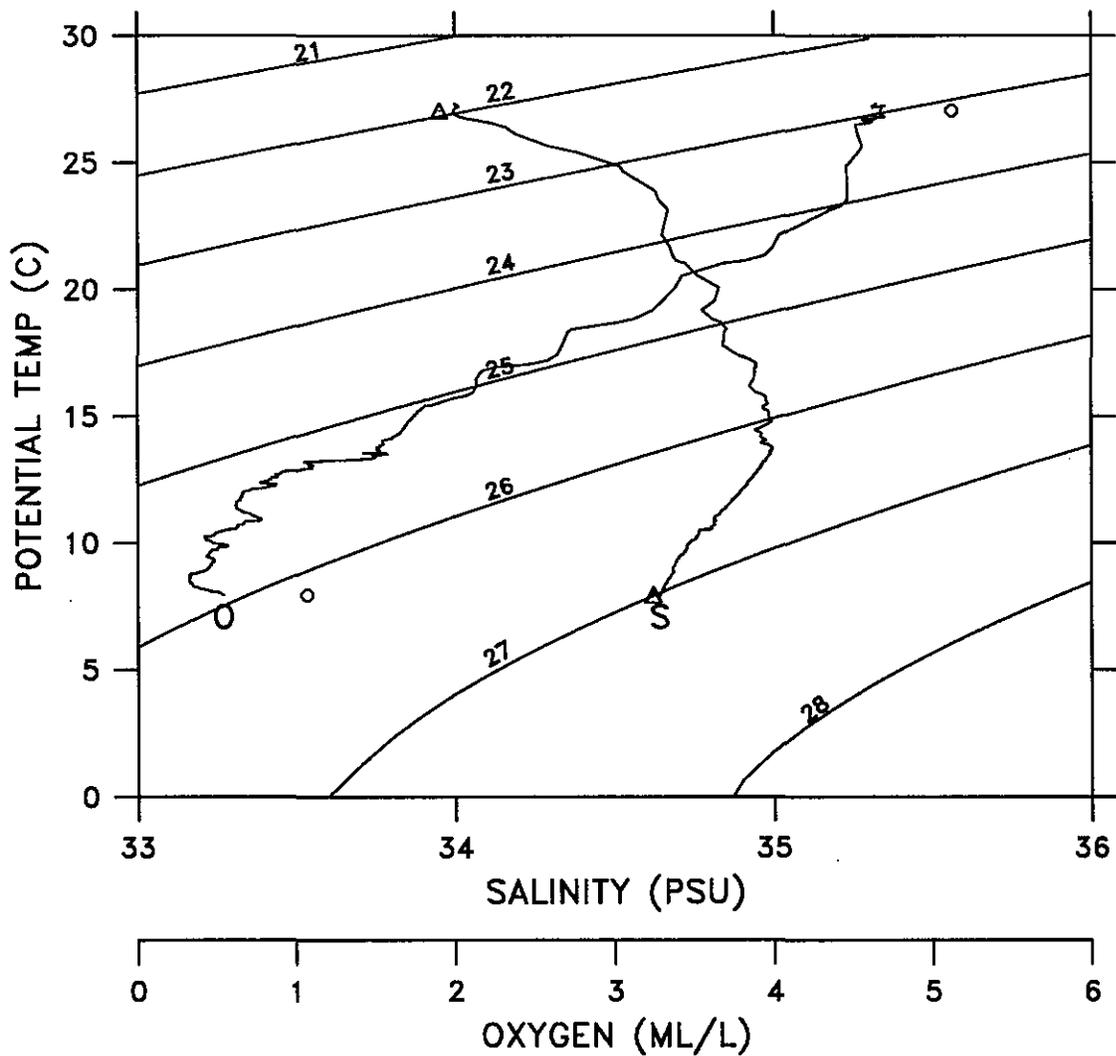


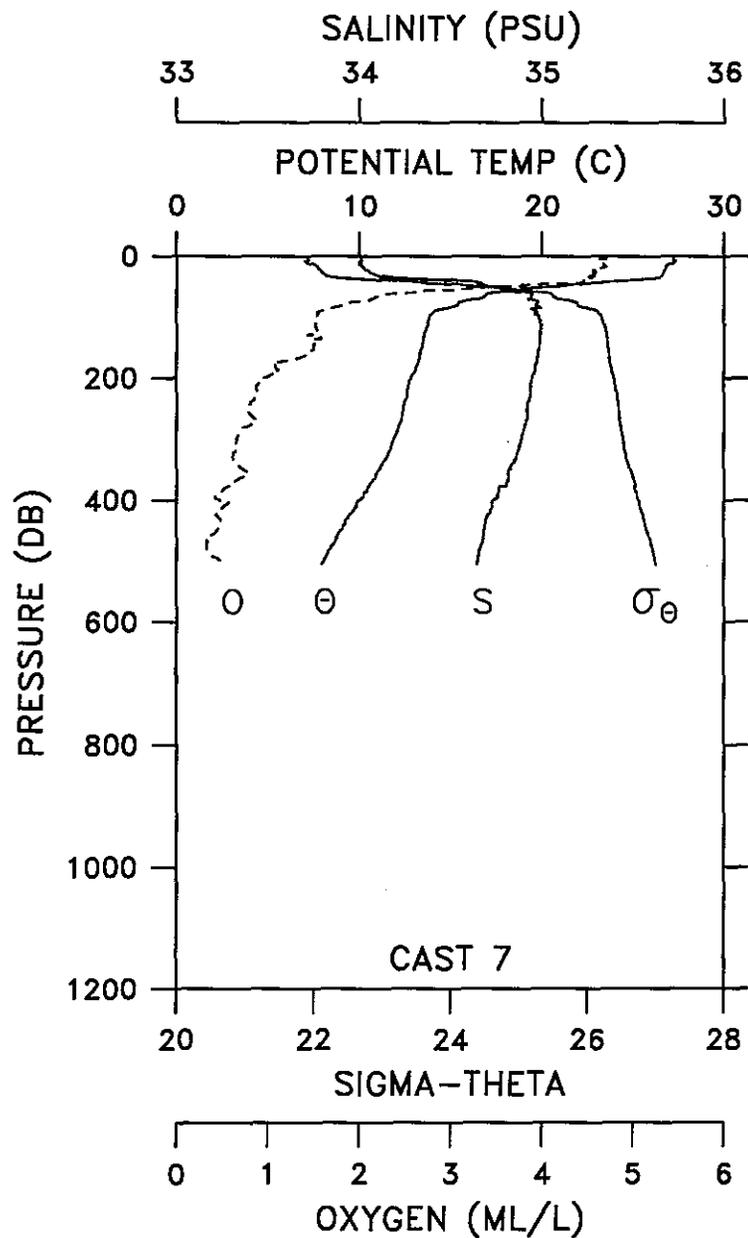


CAST EP1-91-MB -006 DATE 05 APR 91 TIME 0733 GMT
 LAT 02 00.6N LONG 110 14.6W WEATHER 1 SEA STATE 2
 BAROMETER 12 WIND DIR 122 T SPD 12 KT VISIBILITY 7
 CLOUD 2 AMOUNT 4 DRY 25.9 WET 24.1 DEPTH 3928 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	26.743	34.047	5.03	22.084	0.000
10	26.732	34.062	4.82	22.098	0.057
20	26.451	34.118	4.77	22.229	0.114
30	26.028	34.215	4.64	22.435	0.169
40	23.419	34.573	4.38	23.491	0.219
50	18.918	34.770	3.34	24.867	0.256
60	16.665	34.907	2.66	25.523	0.284
70	15.496	34.941	2.05	25.818	0.306
80	14.627	34.936	1.86	26.005	0.327
90	13.843	34.956	1.75	26.186	0.347
100	13.746	34.965	1.67	26.214	0.365
110	13.657	34.960	1.68	26.228	0.383
120	13.506	34.958	1.64	26.258	0.401
130	13.406	34.952	1.59	26.274	0.419
140	13.351	34.949	1.58	26.283	0.437
150	13.263	34.942	1.28	26.296	0.454
160	13.122	34.936	1.28	26.319	0.472
170	12.985	34.931	1.44	26.343	0.489
180	12.872	34.921	1.15	26.358	0.506
190	12.764	34.914	1.08	26.374	0.523
200	12.662	34.909	1.03	26.390	0.540
250	12.414	34.902	1.22	26.434	0.623
300	11.827	34.853	0.82	26.509	0.705
350	11.021	34.790	0.84	26.609	0.783
400	10.005	34.744	0.71	26.752	0.855
450	9.168	34.704	0.56	26.860	0.921
500	8.214	34.626	0.52	26.948	0.983
550	7.712	34.601	0.89	27.003	1.041
600	7.155	34.583	1.00	27.069	1.097
650	6.774	34.572	1.09	27.113	1.150
700	6.337	34.563	1.17	27.164	1.201
750	5.957	34.561	1.12	27.211	1.250
800	5.615	34.556	1.21	27.250	1.296
900	4.929	34.550	1.57	27.327	1.385
1000	4.534	34.555	1.63	27.376	1.467
1500	2.989	34.607	1.90	27.572	1.821
2000	2.044	34.645	2.52	27.684	2.097
2500	1.632	34.665	2.91	27.732	2.336
3000	1.438	34.674	3.19	27.753	2.566
3500	1.240	34.686	3.45	27.777	2.788
3509	1.239	34.686	3.42	27.777	2.792

CAST EP1-91-MB -007 DATE 05 APR 91 TIME 2142 GMT
LAT 02 02.8N LONG 110 10.3W

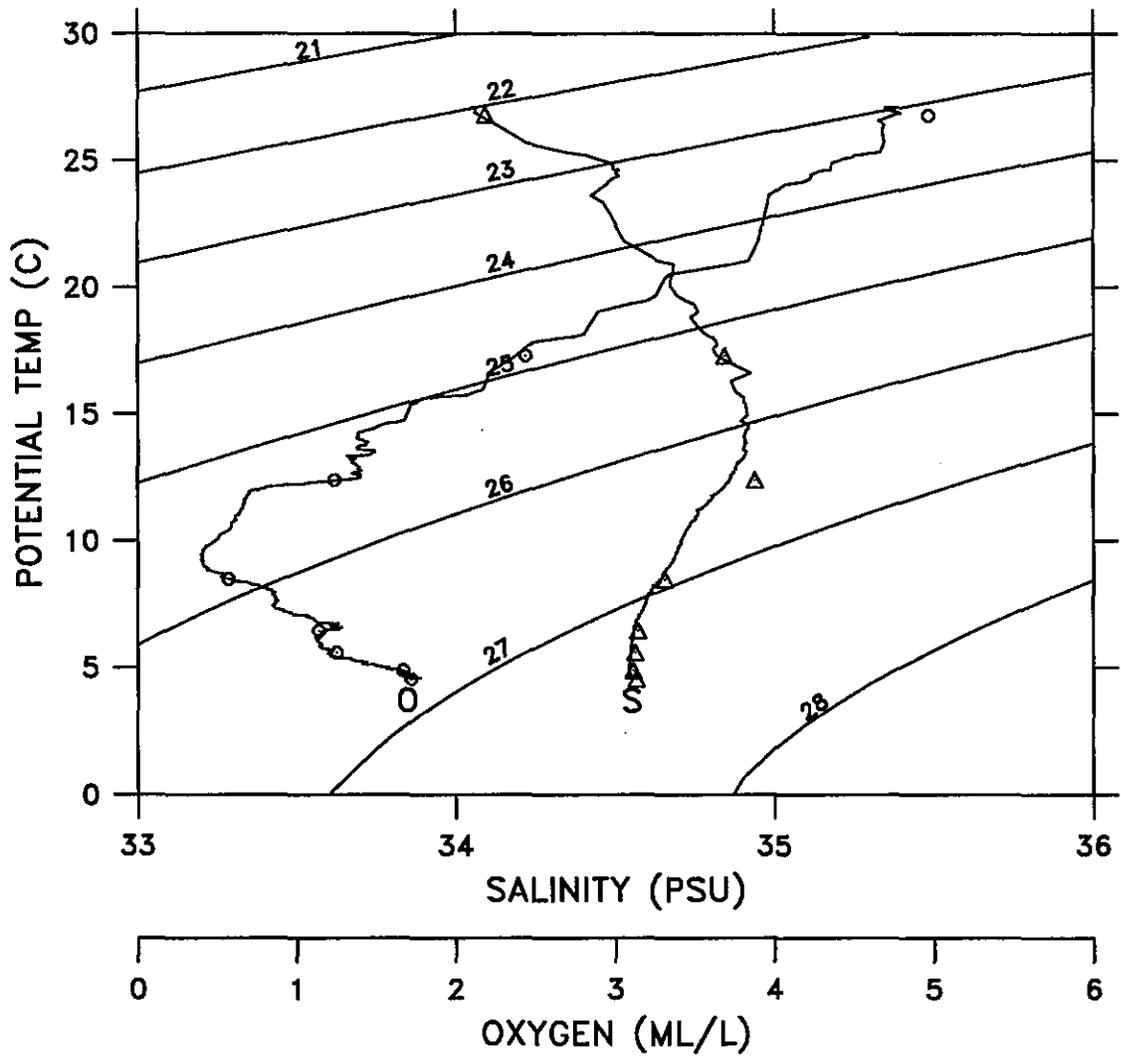


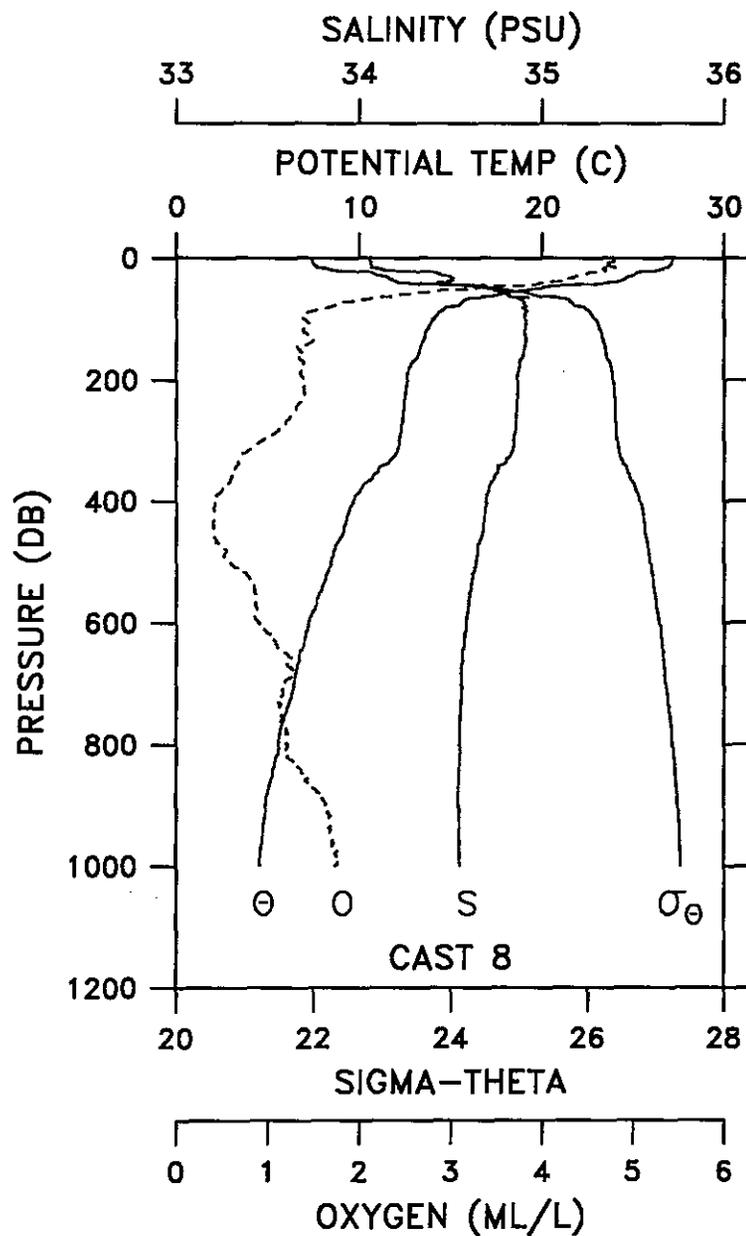


CAST EP1-91-MB -007 DATE 05 APR 91 TIME 2142 GMT
 LAT 02 02.8N LONG 110 10.3W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 123 T SPD 10 KT VISIBILITY 7
 CLOUD 2 AMOUNT 5 DRY 27.8 WET 24.6 DEPTH 3928 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.230	34.006	4.70	21.898	0.000
10	27.198	34.008	4.66	21.909	0.059
20	26.780	34.024	4.63	22.055	0.117
30	26.630	34.079	4.59	22.144	0.175
40	24.627	34.528	4.46	23.099	0.229
50	20.520	34.761	3.42	24.443	0.269
60	17.198	34.931	2.58	25.415	0.299
70	16.460	34.938	2.13	25.594	0.324
80	15.414	34.973	1.81	25.860	0.346
90	14.110	34.965	1.60	26.138	0.367
100	13.846	34.984	1.53	26.208	0.385
110	13.764	34.991	1.52	26.230	0.404
120	13.635	34.991	1.52	26.257	0.422
130	13.527	34.987	1.50	26.276	0.439
140	13.464	34.985	1.51	26.288	0.457
150	13.411	34.984	1.49	26.298	0.475
160	13.305	34.977	1.41	26.314	0.492
170	13.257	34.974	1.26	26.321	0.510
180	13.124	34.965	1.09	26.341	0.527
190	13.003	34.957	1.08	26.359	0.544
200	12.813	34.946	0.93	26.389	0.561
250	12.380	34.917	0.78	26.452	0.644
300	11.874	34.885	0.66	26.524	0.725
350	11.034	34.814	0.74	26.625	0.802
400	9.982	34.732	0.47	26.747	0.873
450	8.977	34.682	0.44	26.873	0.939
500	8.048	34.647	0.50	26.990	0.999
505	7.944	34.642	0.54	27.001	1.005

CAST EP1-91-MB -008 DATE 06 APR 91 TIME 0202 GMT
LAT 01 30.4N LONG 110 00.3W

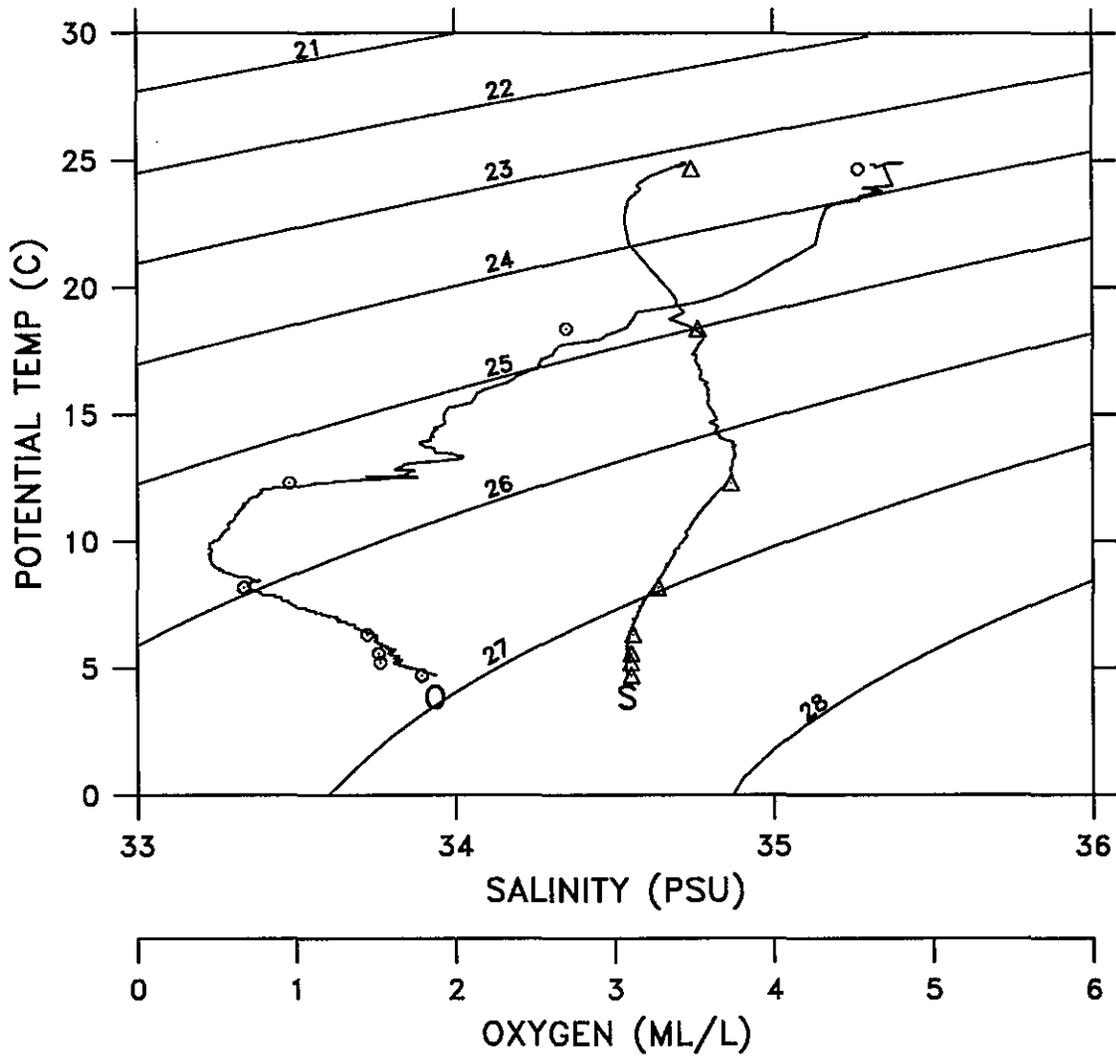


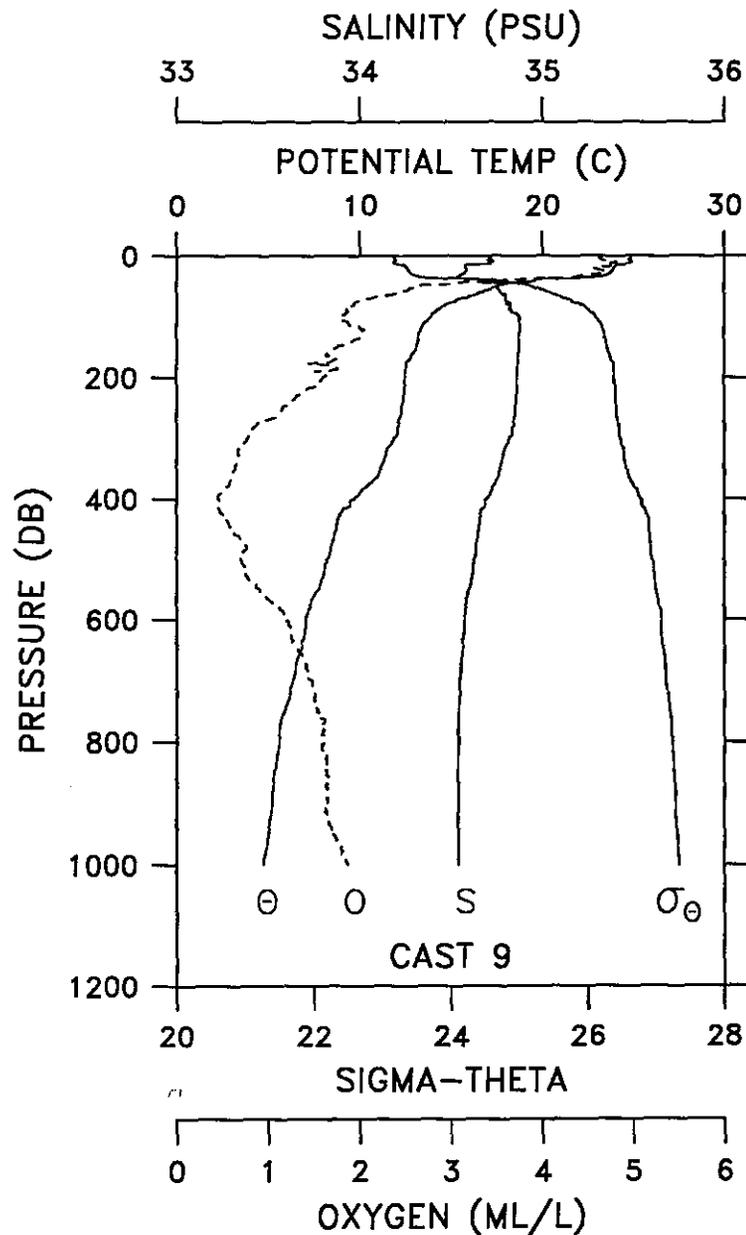


CAST EP1-91-MB -008 DATE 06 APR 91 TIME 0202 GMT
 LAT 01 30.4N LONG 110 00.3W WEATHER 1 SEA STATE 2
 BAROMETER 11 WIND DIR 112 T SPD 09 KT VISIBILITY 7
 CLOUD 3 AMOUNT 5 DRY 26.5 WET 23.7 DEPTH 3805 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.122	34.055	4.78	21.969	0.000
10	27.073	34.062	4.76	21.990	0.058
20	26.201	34.158	4.68	22.338	0.116
30	24.786	34.496	4.36	23.027	0.166
40	23.621	34.425	3.96	23.319	0.213
50	19.468	34.723	3.20	24.691	0.251
60	17.611	34.810	2.44	25.222	0.281
70	15.693	34.898	1.93	25.740	0.306
80	14.740	34.895	1.68	25.948	0.328
90	14.325	34.909	1.42	26.049	0.348
100	14.003	34.906	1.39	26.115	0.367
110	13.815	34.907	1.43	26.154	0.386
120	13.607	34.900	1.38	26.193	0.405
130	13.556	34.910	1.48	26.210	0.424
140	13.368	34.907	1.45	26.243	0.442
150	13.299	34.903	1.33	26.258	0.460
160	13.196	34.896	1.34	26.273	0.478
170	12.905	34.877	1.39	26.318	0.495
180	12.730	34.874	1.39	26.350	0.513
190	12.638	34.870	1.35	26.365	0.530
200	12.611	34.865	1.39	26.367	0.547
250	12.408	34.860	1.30	26.402	0.631
300	12.187	34.846	0.94	26.434	0.715
350	11.028	34.758	0.64	26.583	0.796
400	9.693	34.697	0.42	26.767	0.868
450	9.144	34.676	0.41	26.842	0.934
500	8.480	34.638	0.58	26.917	0.997
550	7.856	34.603	0.85	26.984	1.057
600	7.263	34.586	0.91	27.056	1.113
650	6.746	34.563	1.21	27.110	1.167
700	6.445	34.559	1.18	27.147	1.219
750	5.961	34.551	1.15	27.203	1.268
800	5.592	34.549	1.22	27.247	1.315
900	4.908	34.543	1.63	27.324	1.403
1000	4.572	34.551	1.73	27.368	1.486
1005	4.554	34.552	1.70	27.370	1.490

CAST EP1-91-MB -009 DATE 06 APR 91 TIME 0528 GMT
LAT 01 00.3N LONG 109 59.9W

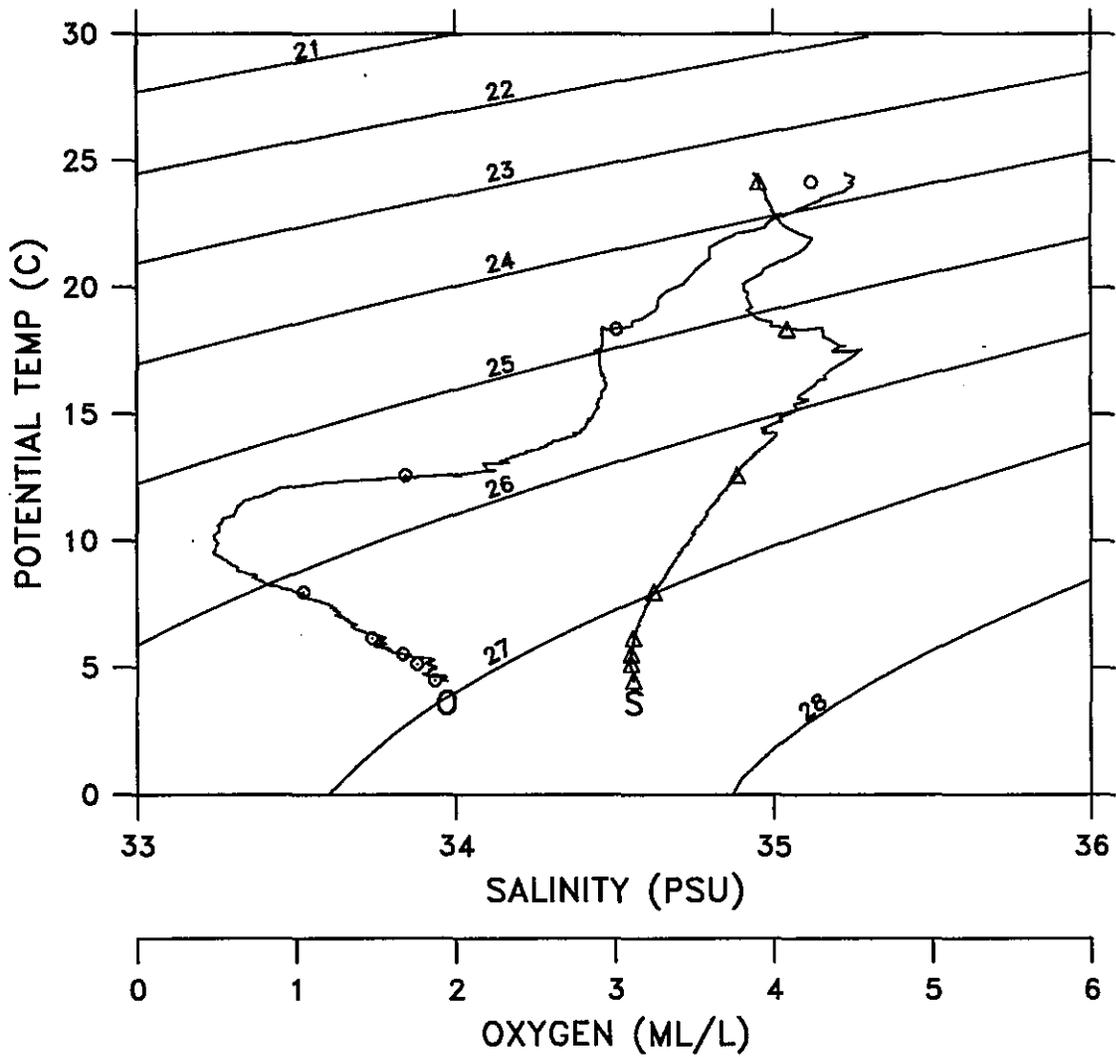




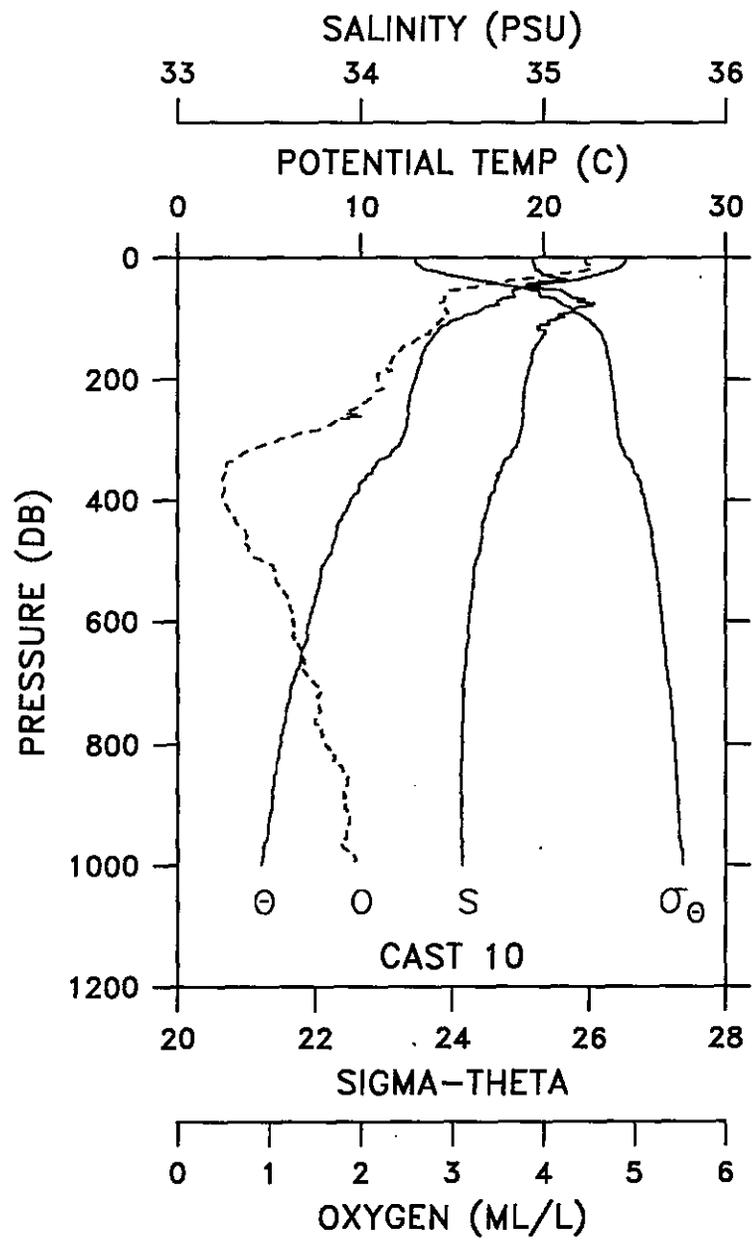
CAST EP1-91-MB -009 DATE 06 APR 91 TIME 0528 GMT
 LAT 01 00.3N LONG 109 59.9W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 117 T SPD 09 KT VISIBILITY 7
 CLOUD X AMOUNT 9 DRY 25.0 WET 24.0 DEPTH 3810 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	24.866	34.717	4.62	23.170	0.000
10	24.908	34.721	4.79	23.160	0.047
20	23.937	34.580	4.59	23.344	0.093
30	23.657	34.568	4.59	23.417	0.138
40	19.664	34.687	3.67	24.612	0.179
50	17.587	34.763	2.65	25.193	0.209
60	16.559	34.775	2.42	25.447	0.236
70	15.581	34.798	2.12	25.688	0.260
80	14.638	34.806	1.94	25.902	0.283
90	14.193	34.829	1.85	26.015	0.303
100	13.898	34.872	1.78	26.110	0.323
110	13.552	34.876	1.88	26.185	0.342
120	13.377	34.879	2.01	26.223	0.360
130	13.238	34.874	2.02	26.248	0.378
140	13.172	34.871	1.92	26.259	0.396
150	13.080	34.872	1.75	26.278	0.414
160	12.914	34.867	1.65	26.308	0.431
170	12.767	34.867	1.74	26.337	0.449
180	12.554	34.866	1.73	26.378	0.466
190	12.511	34.864	1.54	26.385	0.483
200	12.487	34.863	1.60	26.389	0.500
250	12.293	34.853	1.17	26.419	0.583
300	11.860	34.819	0.77	26.475	0.666
350	11.137	34.769	0.64	26.571	0.745
400	9.705	34.694	0.46	26.763	0.818
450	8.718	34.651	0.58	26.890	0.882
500	8.243	34.627	0.70	26.944	0.943
550	7.746	34.600	0.91	26.997	1.002
600	7.049	34.573	1.22	27.076	1.057
650	6.764	34.563	1.32	27.107	1.110
700	6.369	34.548	1.48	27.148	1.162
750	5.881	34.541	1.53	27.205	1.211
800	5.600	34.540	1.60	27.239	1.258
900	5.214	34.540	1.63	27.285	1.349
1000	4.745	34.541	1.87	27.341	1.436
1006	4.706	34.542	1.87	27.346	1.441

CAST EP1-91-MB -010 DATE 06 APR 91 TIME 1044 GMT
LAT 00 03.0N LONG 109 59.9W



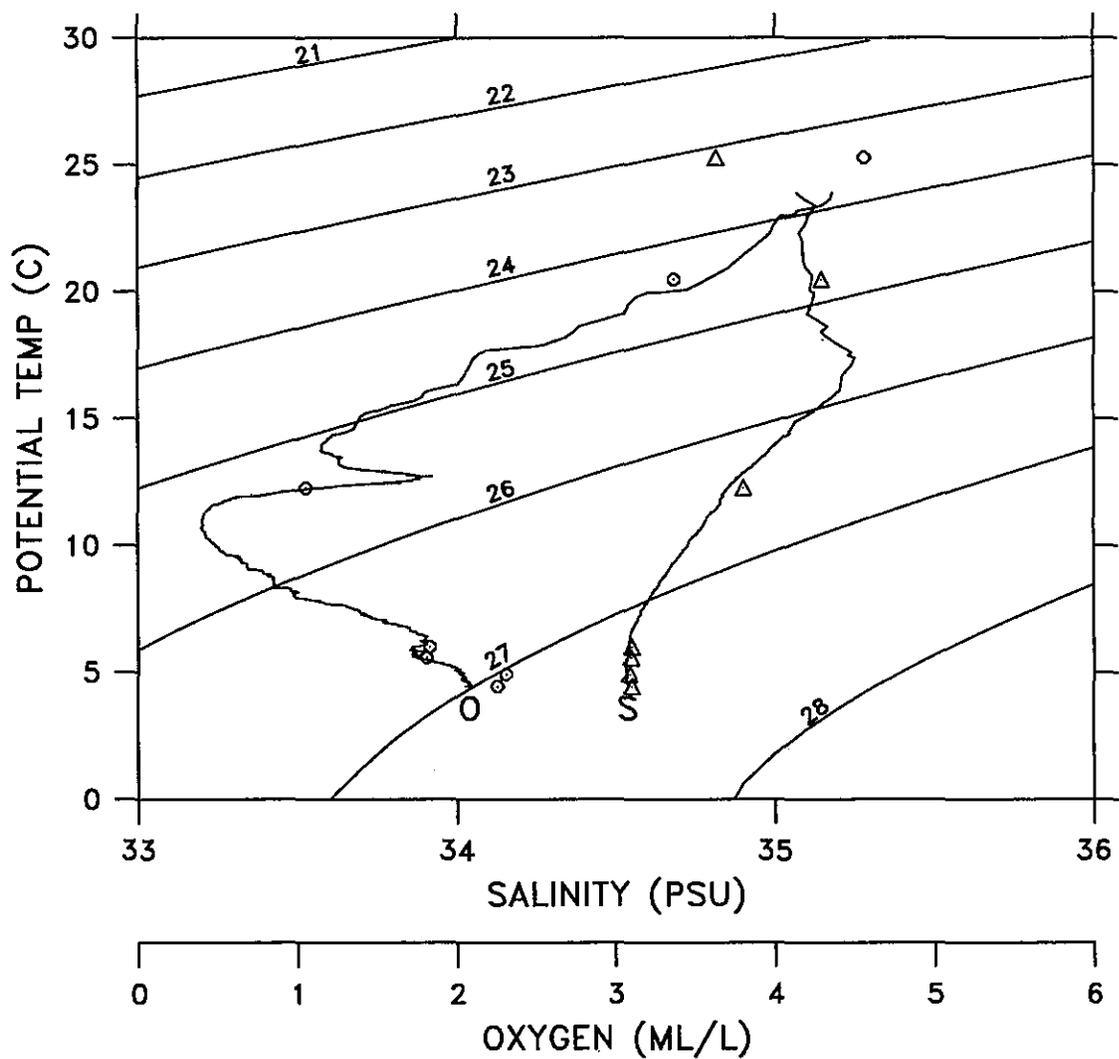
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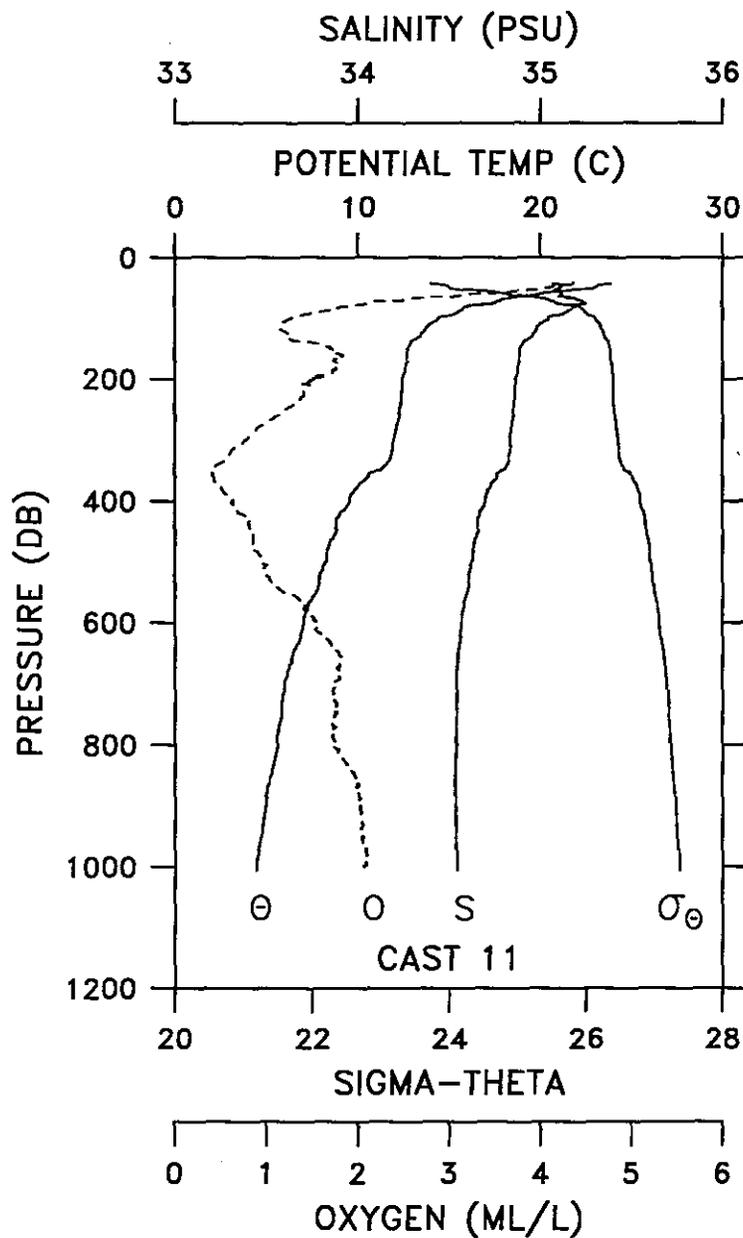


CAST EP1-91-MB -010 DATE 06 APR 91 TIME 1044 GMT
 LAT 00 03.0N LONG 109 59.9W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 115 T SPD 11 KT VISIBILITY 7
 CLOUD 3 AMOUNT 2 DRY 24.4 WET 23.8 DEPTH 3782 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	24.474	34.940	4.45	23.456	0.000
10	24.430	34.943	4.47	23.472	0.044
20	23.921	34.956	4.47	23.633	0.088
30	22.637	35.021	3.99	24.056	0.128
40	20.717	34.972	3.52	24.551	0.165
50	18.679	34.969	3.12	25.080	0.196
60	18.378	35.132	2.93	25.281	0.224
70	17.572	35.197	2.91	25.529	0.250
80	17.026	35.219	2.90	25.677	0.274
90	16.332	35.145	2.93	25.784	0.297
100	15.391	35.066	2.89	25.937	0.318
110	14.711	35.028	2.84	26.057	0.338
120	14.248	35.000	2.74	26.135	0.358
130	13.971	34.996	2.66	26.191	0.376
140	13.693	34.971	2.55	26.230	0.395
150	13.516	34.954	2.46	26.253	0.413
160	13.355	34.938	2.39	26.274	0.431
170	13.272	34.933	2.34	26.287	0.448
180	13.144	34.920	2.29	26.302	0.466
190	13.054	34.913	2.25	26.315	0.484
200	12.980	34.906	2.18	26.325	0.501
250	12.589	34.888	1.93	26.389	0.587
300	12.212	34.862	1.10	26.442	0.671
350	10.656	34.770	0.52	26.658	0.750
400	9.441	34.704	0.50	26.815	0.818
450	8.670	34.662	0.73	26.906	0.882
500	8.080	34.630	0.94	26.972	0.942
550	7.614	34.609	1.15	27.024	0.999
600	7.199	34.592	1.25	27.070	1.055
650	6.743	34.577	1.36	27.121	1.108
700	6.291	34.562	1.50	27.169	1.159
750	5.920	34.562	1.54	27.217	1.207
800	5.580	34.553	1.61	27.252	1.254
900	5.138	34.550	1.84	27.302	1.343
1000	4.507	34.557	1.92	27.379	1.428
1005	4.470	34.558	1.95	27.384	1.432

CAST EP1-91-MB -011 DATE 06 APR 91 TIME 1617 GMT
LAT 01 00.2S LONG 110 00.1W

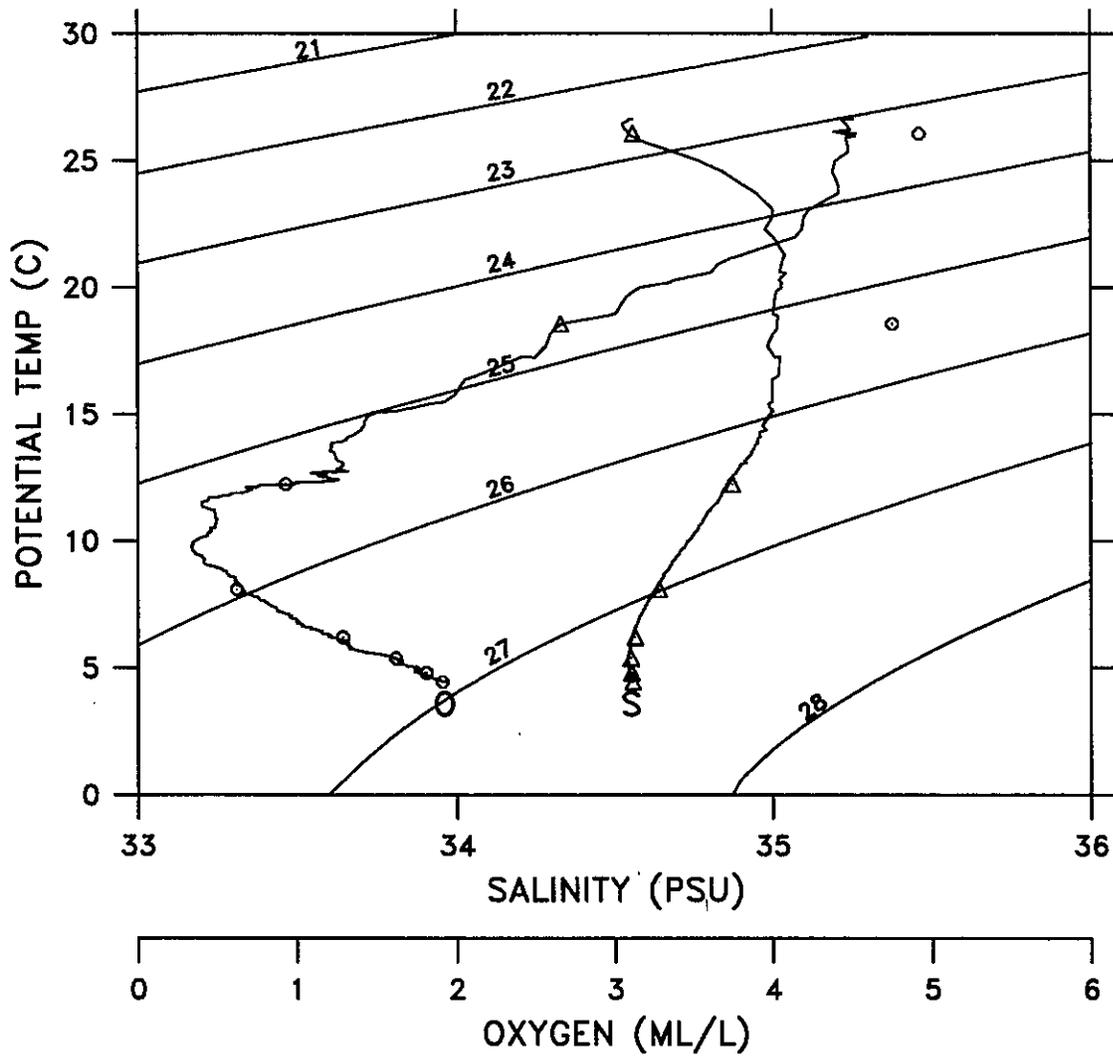


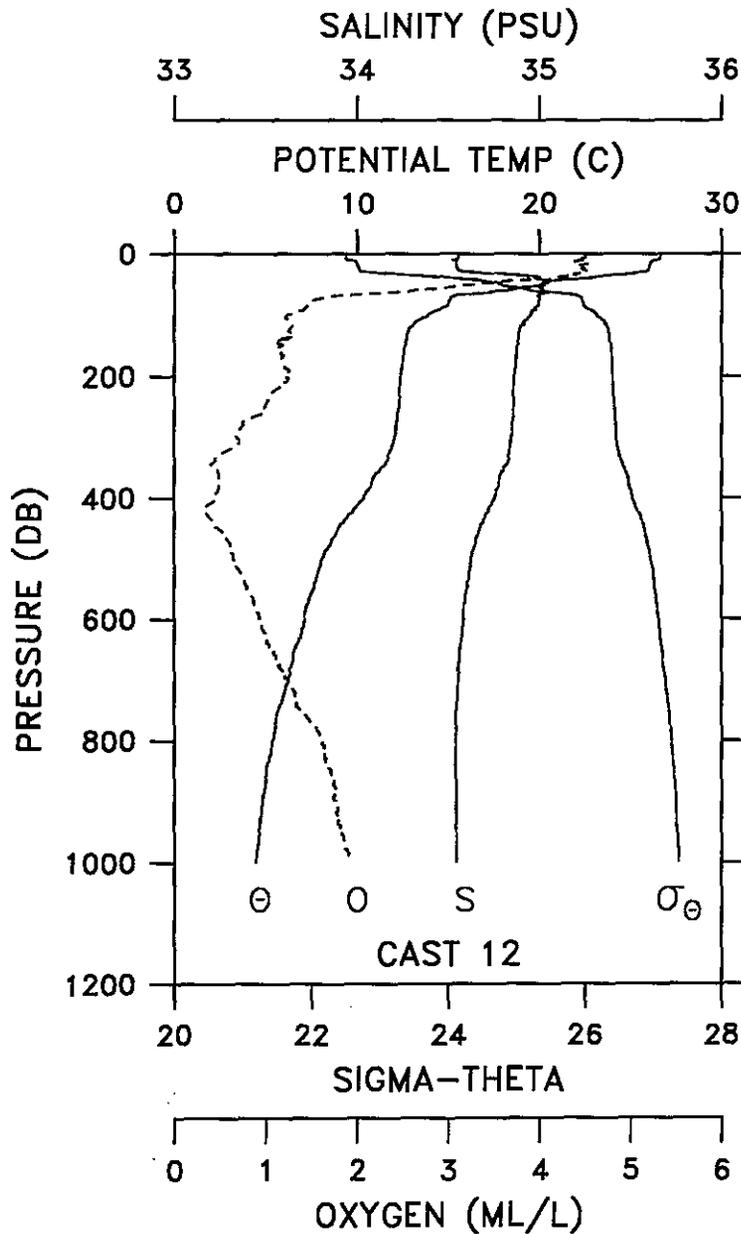


CAST EP1-91-MB -011 DATE 06 APR 91 TIME 1617 GMT
 LAT 01 00.2S LONG 110 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 060 T SPD 09 KT VISIBILITY 7
 CLOUD 8 AMOUNT 2 DRY 27.5 WET 25.0 DEPTH 3967 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
43	23.880	35.072	4.37	23.733	0.000
44	23.634	35.096	4.35	23.823	0.004
45	23.380	35.131	4.30	23.924	0.008
46	23.185	35.117	4.14	23.970	0.012
47	23.149	35.121	4.14	23.984	0.016
50	22.985	35.102	4.06	24.017	0.028
60	19.991	35.116	3.32	24.854	0.063
70	17.846	35.206	2.51	25.469	0.091
80	16.086	35.204	1.84	25.886	0.115
90	15.440	35.140	1.57	25.983	0.136
100	14.395	35.045	1.26	26.139	0.155
110	13.929	35.000	1.15	26.203	0.174
120	13.651	34.976	1.18	26.242	0.192
130	13.423	34.957	1.27	26.274	0.210
140	12.928	34.911	1.50	26.339	0.228
150	12.754	34.892	1.70	26.359	0.245
160	12.717	34.889	1.85	26.364	0.262
170	12.699	34.888	1.74	26.366	0.279
180	12.600	34.877	1.76	26.378	0.296
190	12.535	34.874	1.71	26.388	0.312
200	12.428	34.864	1.51	26.401	0.329
250	12.301	34.854	1.21	26.418	0.413
300	11.951	34.833	0.77	26.470	0.495
350	11.096	34.788	0.41	26.594	0.576
400	9.544	34.700	0.63	26.795	0.645
450	8.788	34.656	0.82	26.883	0.709
500	8.222	34.623	0.96	26.944	0.770
550	7.690	34.597	1.19	27.004	0.829
600	7.047	34.569	1.55	27.073	0.884
650	6.443	34.547	1.79	27.137	0.936
700	6.010	34.543	1.74	27.190	0.986
750	5.805	34.541	1.75	27.215	1.034
800	5.583	34.539	1.76	27.241	1.081
900	4.934	34.535	2.02	27.314	1.170
1000	4.449	34.543	2.07	27.375	1.253
1006	4.440	34.543	2.08	27.376	1.258

CAST EP1-91-MB -012 DATE 06 APR 91 TIME 2126 GMT
LAT 02 00.1S LONG 110 00.0W

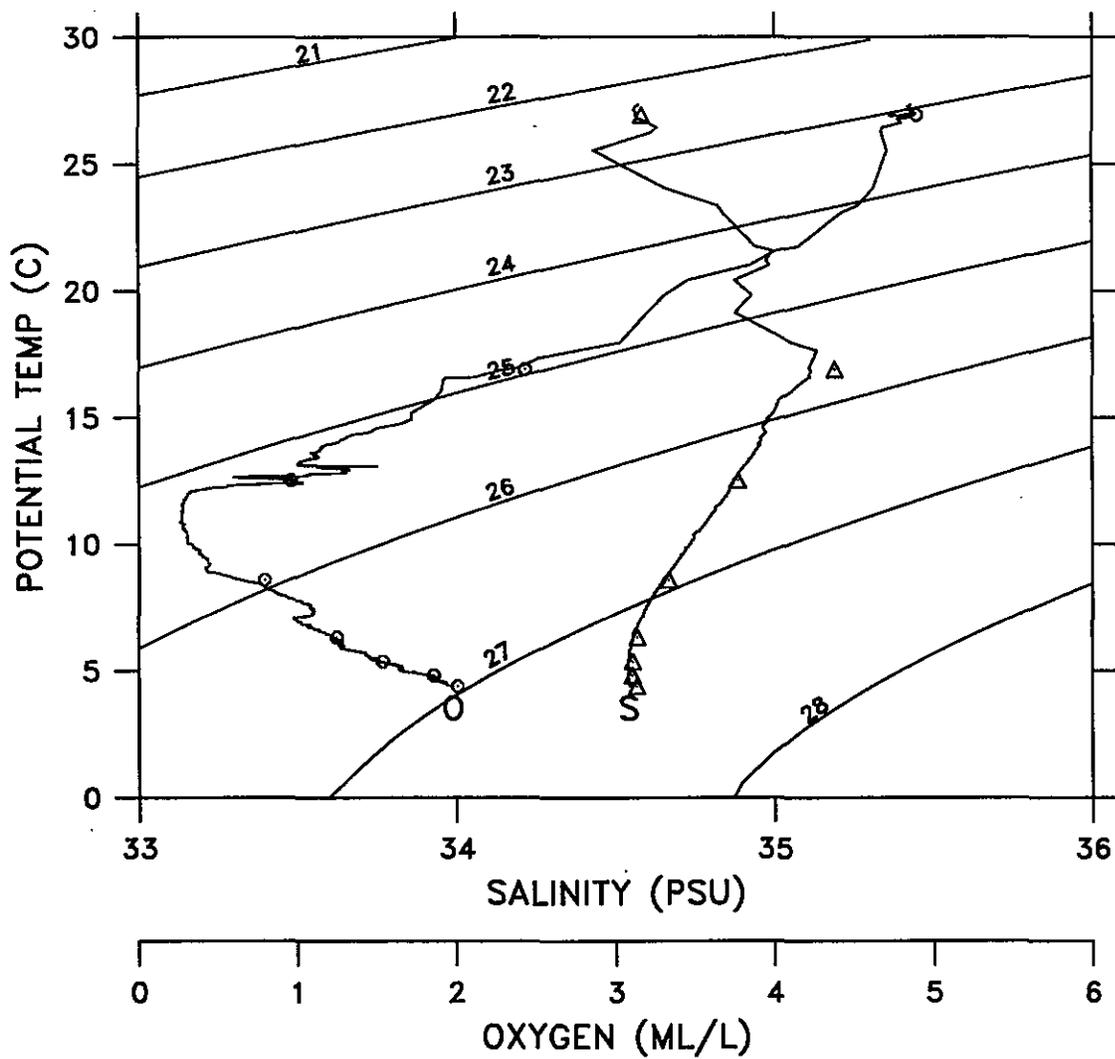


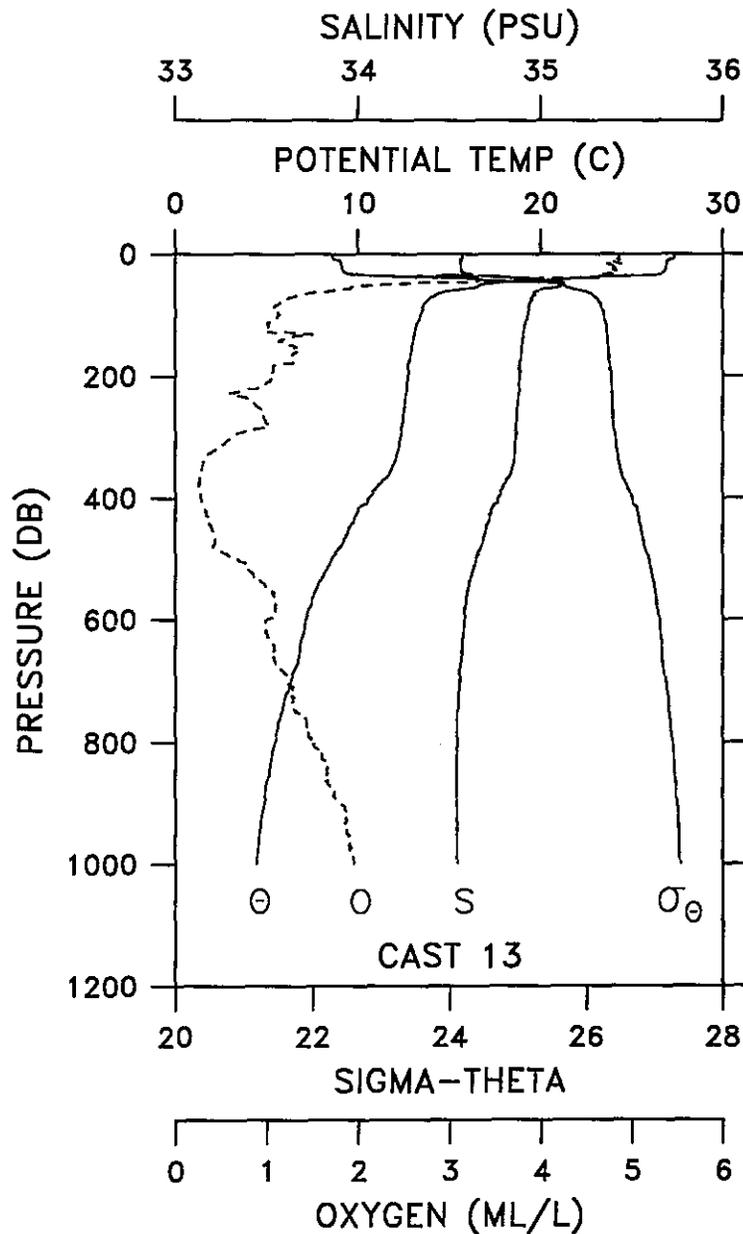


CAST EP1-91-MB -012 DATE 06 APR 91 TIME 2126 GMT
 LAT 02 00.1S LONG 110 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 090 T SPD 08 KT VISIBILITY 7
 CLOUD 8 AMOUNT 5 DRY 26.2 WET 24.4 DEPTH 3940 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	26.632	34.556	4.50	22.503	0.000
10	26.462	34.525	4.46	22.532	0.053
20	26.046	34.545	4.47	22.678	0.105
30	25.420	34.669	4.48	22.965	0.157
40	22.291	34.977	4.19	24.120	0.200
50	20.116	35.029	3.26	24.754	0.234
60	18.170	35.002	2.59	25.233	0.264
70	15.202	34.998	1.68	25.927	0.287
80	14.993	34.993	1.47	25.969	0.308
90	14.526	34.970	1.42	26.053	0.328
100	13.881	34.954	1.23	26.178	0.347
110	13.245	34.917	1.25	26.280	0.365
120	12.903	34.897	1.28	26.333	0.383
130	12.771	34.889	1.30	26.353	0.400
140	12.725	34.886	1.20	26.360	0.417
150	12.607	34.877	1.18	26.376	0.433
160	12.550	34.873	1.18	26.384	0.450
170	12.516	34.871	1.17	26.390	0.467
180	12.480	34.869	1.20	26.395	0.484
190	12.436	34.866	1.25	26.402	0.500
200	12.394	34.863	1.21	26.407	0.517
250	12.292	34.857	0.98	26.422	0.600
300	12.072	34.846	0.68	26.456	0.683
350	11.282	34.802	0.44	26.570	0.763
400	10.396	34.759	0.46	26.695	0.837
450	8.971	34.672	0.48	26.866	0.905
500	8.097	34.626	0.65	26.966	0.966
550	7.606	34.603	0.79	27.020	1.023
600	7.125	34.584	0.95	27.074	1.078
650	6.574	34.565	1.10	27.134	1.131
700	6.201	34.554	1.23	27.175	1.181
750	5.677	34.545	1.38	27.233	1.229
800	5.355	34.539	1.61	27.268	1.275
900	4.810	34.544	1.75	27.336	1.361
1000	4.451	34.546	1.94	27.377	1.443
1005	4.430	34.547	1.92	27.380	1.447

CAST EP1-91-MB -013 DATE 07 APR 91 TIME 0233 GMT
LAT 03 00.0S LONG 110 00.0W

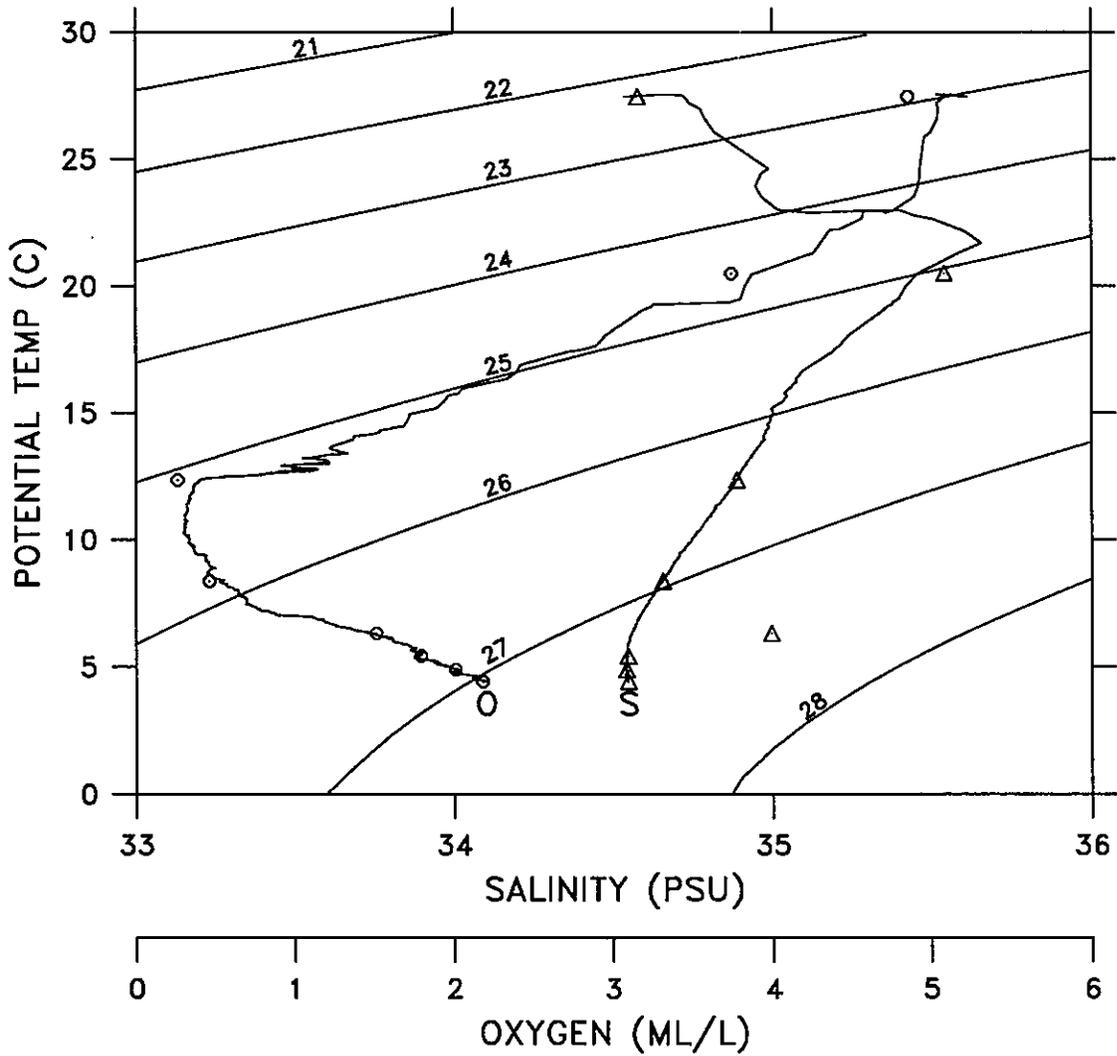


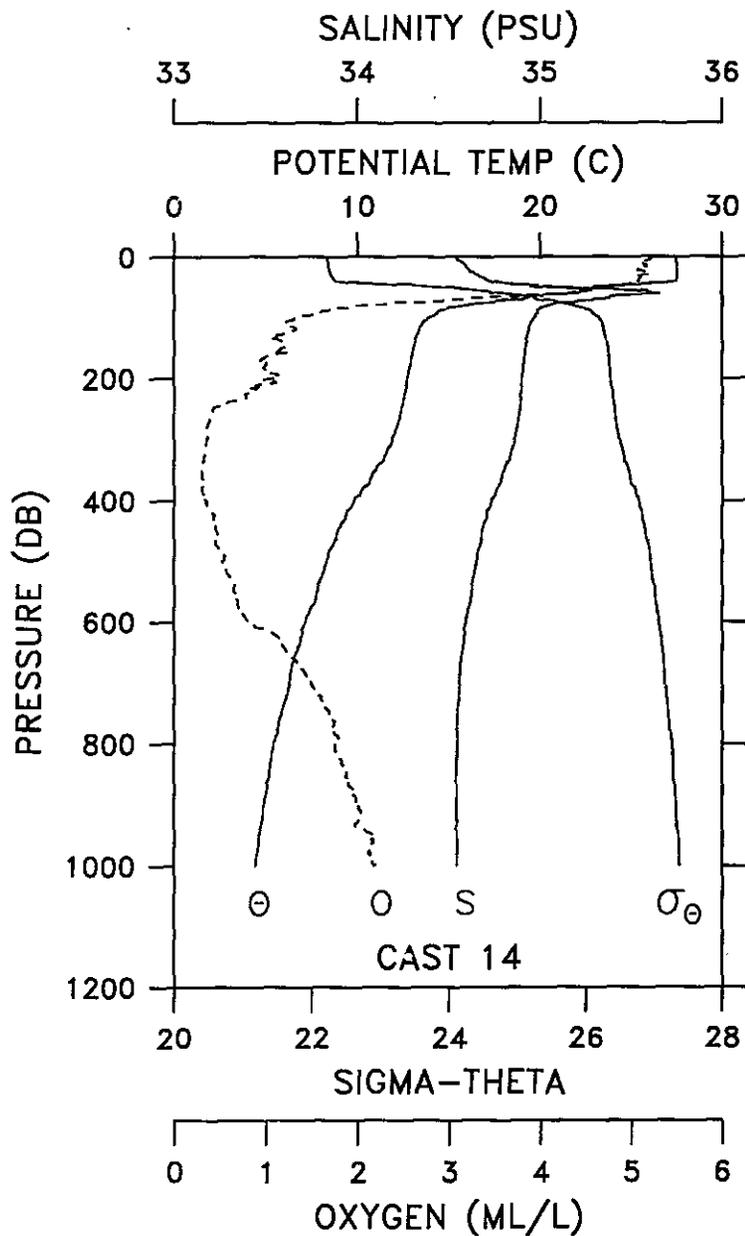


CAST EP1-91-MB -013 DATE 07 APR 91 TIME 0233 GMT
 LAT 03 00.0S LONG 110 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 038 T SPD 10 KT VISIBILITY 6
 CLOUD 4 AMOUNT 4 DRY 26.8 WET 24.9 DEPTH 3800 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.333	34.570	4.85	22.289	0.000
10	26.987	34.565	4.87	22.396	0.055
20	26.890	34.562	4.76	22.425	0.109
30	26.759	34.576	4.77	22.477	0.163
40	21.579	34.994	4.01	24.332	0.211
50	16.851	35.115	2.27	25.639	0.240
60	14.921	34.976	1.72	25.972	0.263
70	14.107	34.960	1.28	26.134	0.282
80	13.722	34.943	1.14	26.202	0.301
90	13.539	34.935	1.12	26.233	0.319
100	13.410	34.927	1.12	26.254	0.337
110	13.291	34.919	1.04	26.272	0.354
120	13.143	34.909	1.01	26.295	0.372
130	13.080	34.904	1.31	26.303	0.390
140	13.023	34.902	1.15	26.313	0.407
150	12.959	34.897	1.30	26.322	0.424
160	12.910	34.895	1.32	26.331	0.442
170	12.875	34.893	1.29	26.336	0.459
180	12.764	34.885	1.14	26.352	0.476
190	12.749	34.884	1.08	26.354	0.493
200	12.705	34.881	1.07	26.360	0.510
250	12.549	34.872	0.90	26.384	0.596
300	12.317	34.862	0.61	26.422	0.680
350	11.865	34.845	0.30	26.495	0.763
400	10.587	34.766	0.27	26.667	0.840
450	9.500	34.701	0.40	26.803	0.910
500	8.531	34.644	0.67	26.914	0.974
550	7.709	34.602	1.03	27.004	1.034
600	7.116	34.580	1.00	27.072	1.089
650	6.795	34.568	1.08	27.107	1.143
700	6.300	34.554	1.23	27.162	1.194
750	5.836	34.543	1.31	27.212	1.243
800	5.428	34.540	1.47	27.260	1.289
900	4.852	34.537	1.80	27.325	1.376
1000	4.419	34.543	1.95	27.378	1.458
1006	4.386	34.543	1.98	27.382	1.463

CAST EP1-91-MB -014 DATE 07 APR 91 TIME 0805 GMT
LAT 03 59.6S LONG 110 00.4W

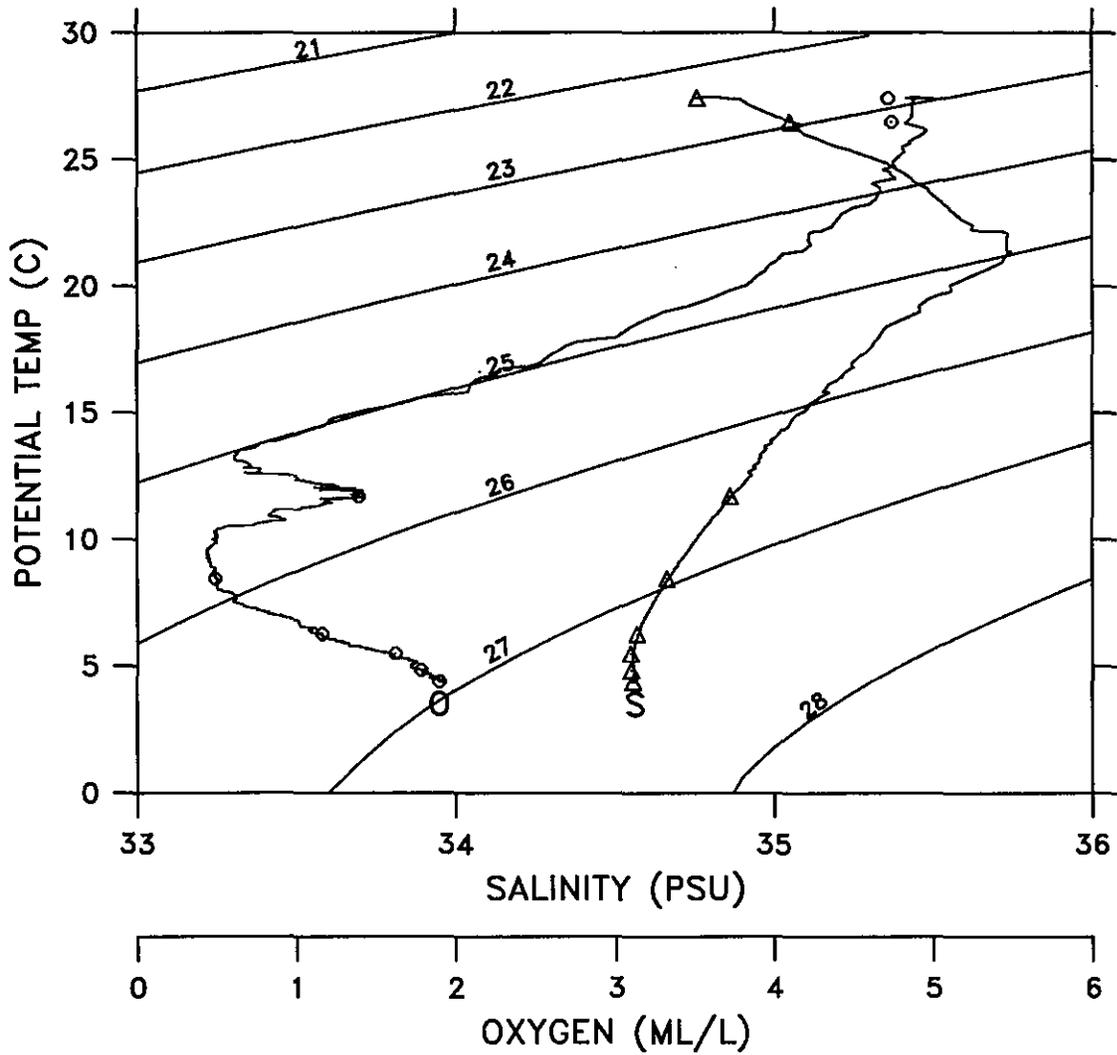




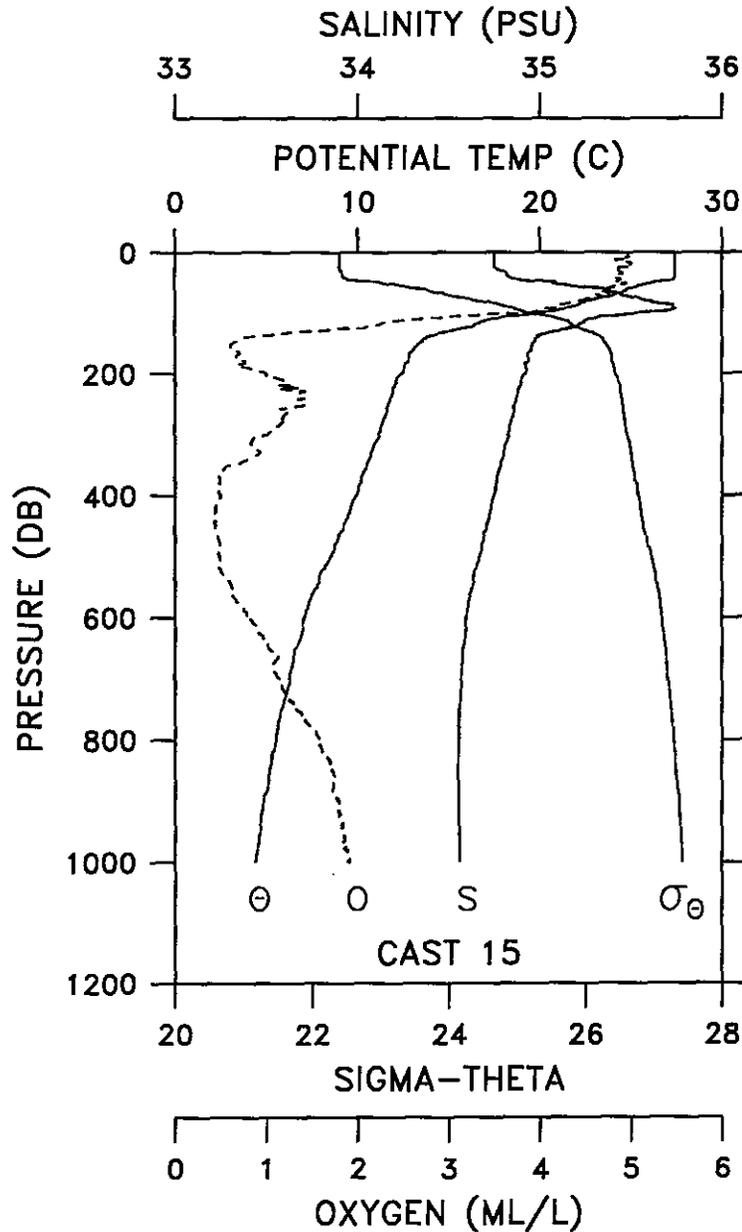
CAST EP1-91-MB -014 DATE 07 APR 91 TIME 0805 GMT
 LAT 03 59.6S LONG 110 00.4W WEATHER 6 SEA STATE 3
 BAROMETER 12 WIND DIR 060 T SPD 16 KT VISIBILITY 5
 CLOUD X AMOUNT 8 DRY 24.6 WET 23.6 DEPTH 3688 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.458	34.544	5.23	22.229	0.000
10	27.495	34.579	5.13	22.244	0.056
20	27.519	34.607	5.16	22.257	0.112
30	27.541	34.662	5.18	22.292	0.167
40	27.476	34.725	5.09	22.360	0.223
50	23.005	35.019	4.78	23.948	0.270
60	21.687	35.659	4.30	24.807	0.306
70	18.552	35.297	3.07	25.363	0.334
80	15.774	35.038	2.03	25.829	0.358
90	14.386	34.986	1.61	26.095	0.378
100	13.840	34.963	1.32	26.193	0.397
110	13.532	34.947	1.27	26.244	0.415
120	13.380	34.938	1.29	26.268	0.433
130	13.230	34.931	1.12	26.293	0.451
140	13.129	34.923	1.19	26.308	0.468
150	13.037	34.918	1.16	26.323	0.486
160	12.977	34.917	1.08	26.333	0.503
170	12.919	34.912	0.94	26.341	0.520
180	12.865	34.909	0.99	26.350	0.538
190	12.809	34.905	1.06	26.358	0.555
200	12.746	34.902	1.05	26.368	0.572
250	12.394	34.889	0.43	26.427	0.656
300	11.882	34.861	0.35	26.504	0.738
350	10.951	34.806	0.30	26.634	0.815
400	9.812	34.733	0.35	26.776	0.886
450	8.947	34.683	0.46	26.878	0.951
500	8.326	34.651	0.53	26.951	1.012
550	7.783	34.621	0.65	27.009	1.071
600	7.185	34.594	0.84	27.073	1.126
650	6.664	34.572	1.24	27.127	1.179
700	6.303	34.559	1.49	27.165	1.229
750	5.880	34.548	1.69	27.211	1.278
800	5.417	34.546	1.77	27.266	1.325
900	4.893	34.543	2.01	27.325	1.412
1000	4.436	34.546	2.18	27.379	1.495
1006	4.410	34.546	2.21	27.382	1.499

CAST EP1-91-MB -015 DATE 08 APR 91 TIME 0448 GMT
LAT 04 56.9S LONG 110 00.4W

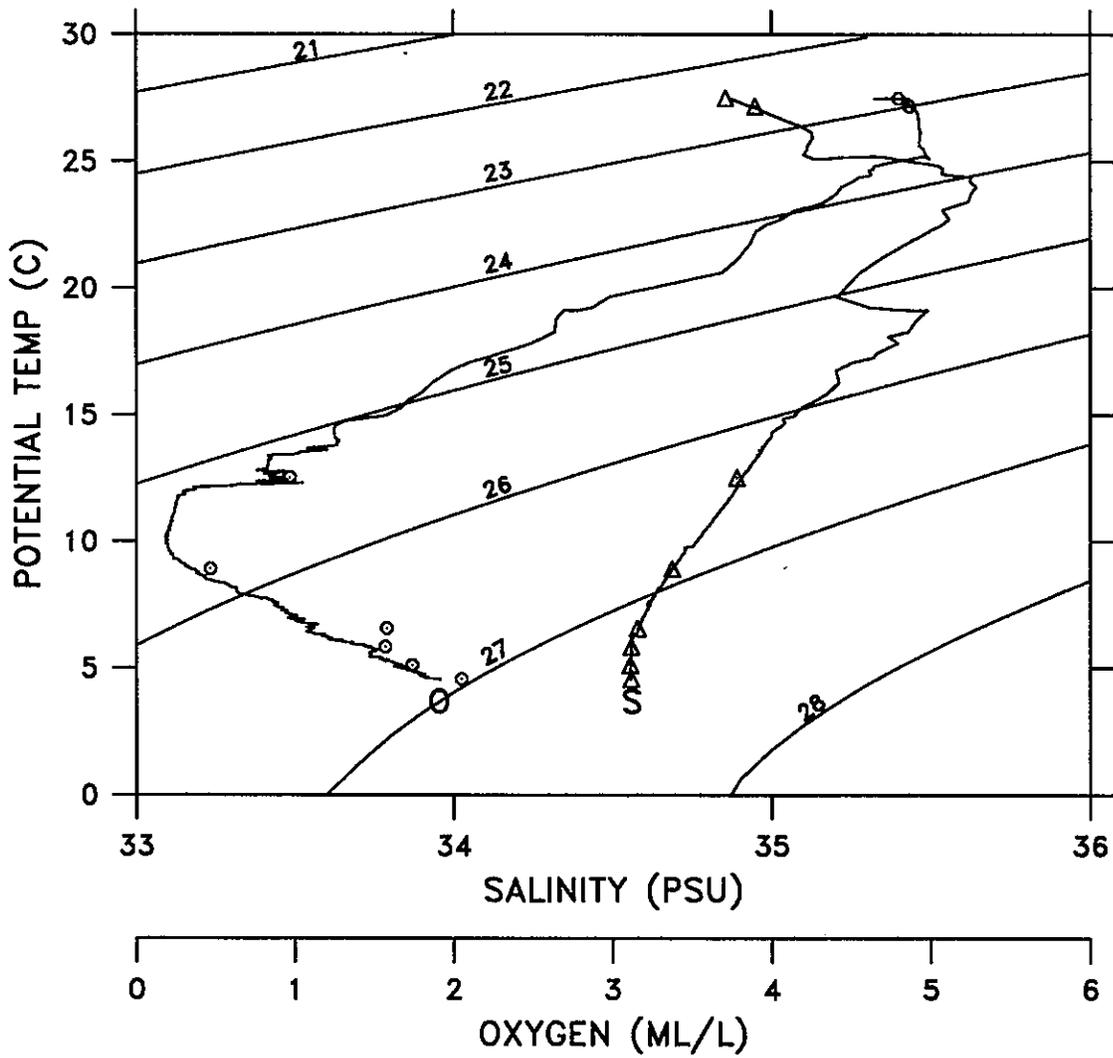


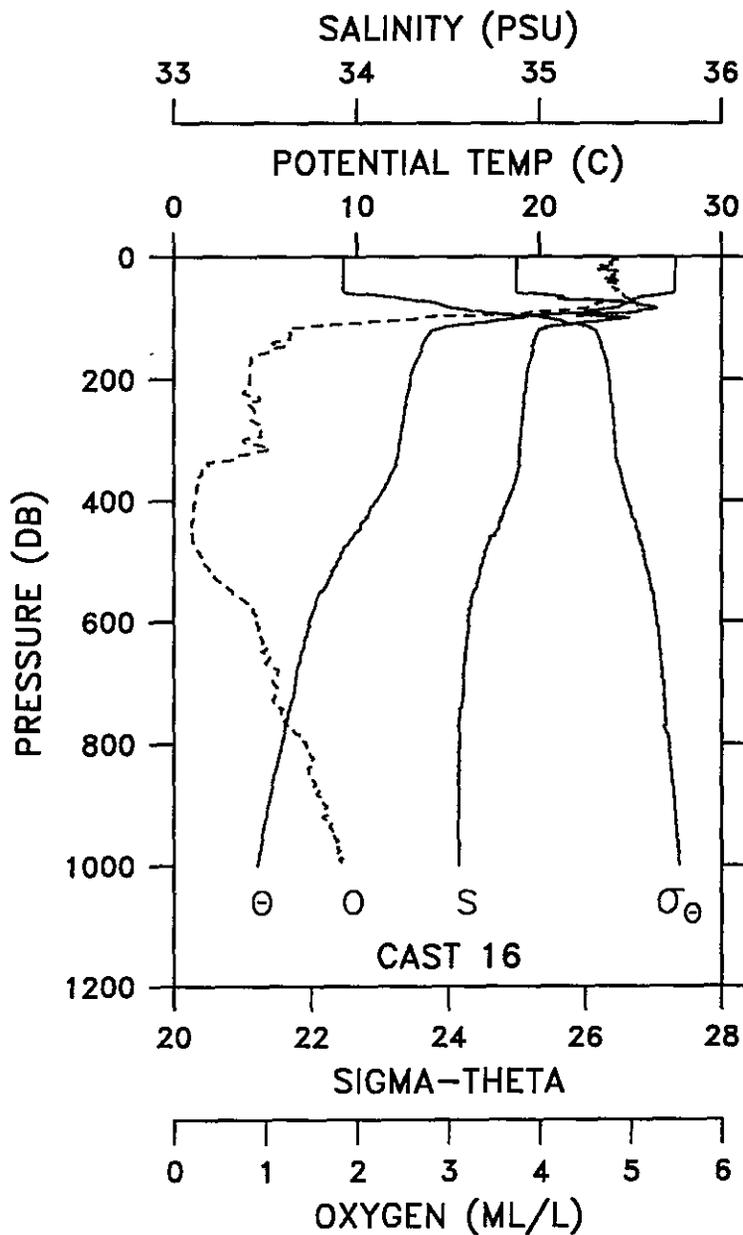
CAST EP1-91-MB -015 DATE 08 APR 91 TIME 0448 GMT
 LAT 04 56.9S LONG 110 00.4W WEATHER 2 SEA STATE 3
 BAROMETER 13 WIND DIR 121 T SPD 10 KT VISIBILITY 6
 CLOUD X AMOUNT 9 DRY 25.5 WET 24.5 DEPTH 3571 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.414	34.748	4.96	22.397	0.000
10	27.418	34.750	4.99	22.398	0.054
20	27.418	34.751	4.99	22.399	0.109
30	27.439	34.783	4.86	22.416	0.163
40	27.429	34.830	4.88	22.454	0.217
50	26.229	35.072	4.94	23.018	0.269
60	24.826	35.359	4.74	23.667	0.315
70	24.051	35.447	4.62	23.966	0.356
80	22.626	35.589	4.40	24.490	0.393
90	21.619	35.730	4.23	24.881	0.426
100	19.822	35.556	3.72	25.234	0.455
110	17.358	35.287	2.62	25.650	0.481
120	16.426	35.217	2.20	25.817	0.504
130	15.085	35.098	1.43	26.030	0.525
140	13.770	34.990	0.77	26.229	0.544
150	13.344	34.956	0.63	26.290	0.562
160	13.058	34.952	0.68	26.344	0.579
170	12.816	34.934	0.67	26.379	0.596
180	12.760	34.934	0.77	26.390	0.613
190	12.567	34.925	0.78	26.422	0.630
200	12.469	34.922	1.00	26.438	0.646
250	11.672	34.863	1.37	26.545	0.725
300	11.162	34.830	1.01	26.614	0.801
350	10.517	34.787	0.61	26.696	0.874
400	9.889	34.748	0.50	26.774	0.943
450	9.247	34.711	0.44	26.852	1.009
500	8.515	34.668	0.49	26.966	1.071
550	7.746	34.628	0.62	27.051	1.127
600	7.060	34.596	0.82	27.124	1.180
650	6.553	34.578	1.02	27.179	1.231
700	6.265	34.570	1.15	27.210	1.280
750	5.810	34.558	1.33	27.259	1.326
800	5.508	34.553	1.56	27.293	1.371
900	4.834	34.554	1.80	27.373	1.455
1000	4.413	34.560	1.91	27.424	1.533
1012	4.355	34.559	1.90	27.398	1.542

CAST EP1-91-MB -016 DATE 10 APR 91 TIME 1643 GMT
LAT 02 59.9S LONG 125 00.3W

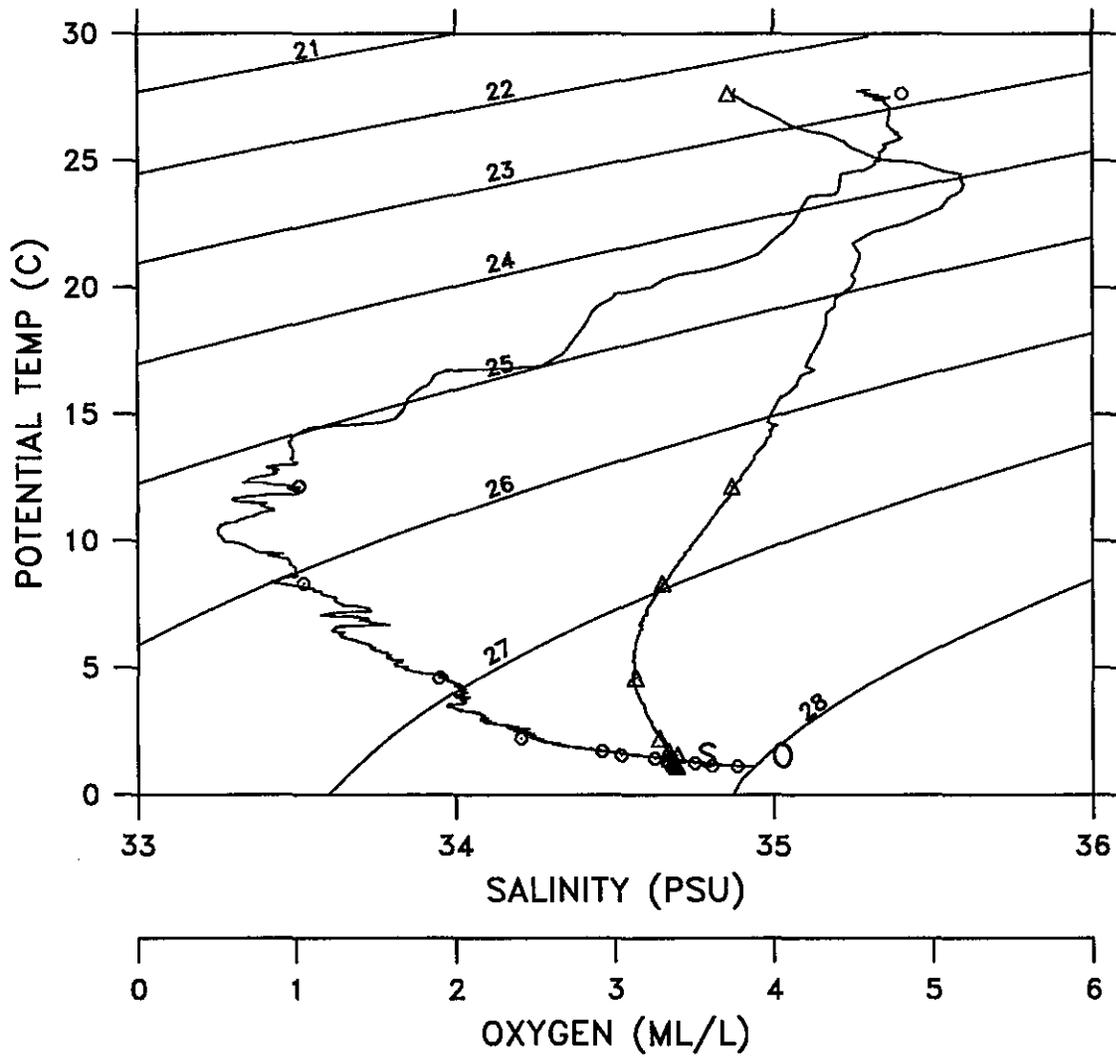


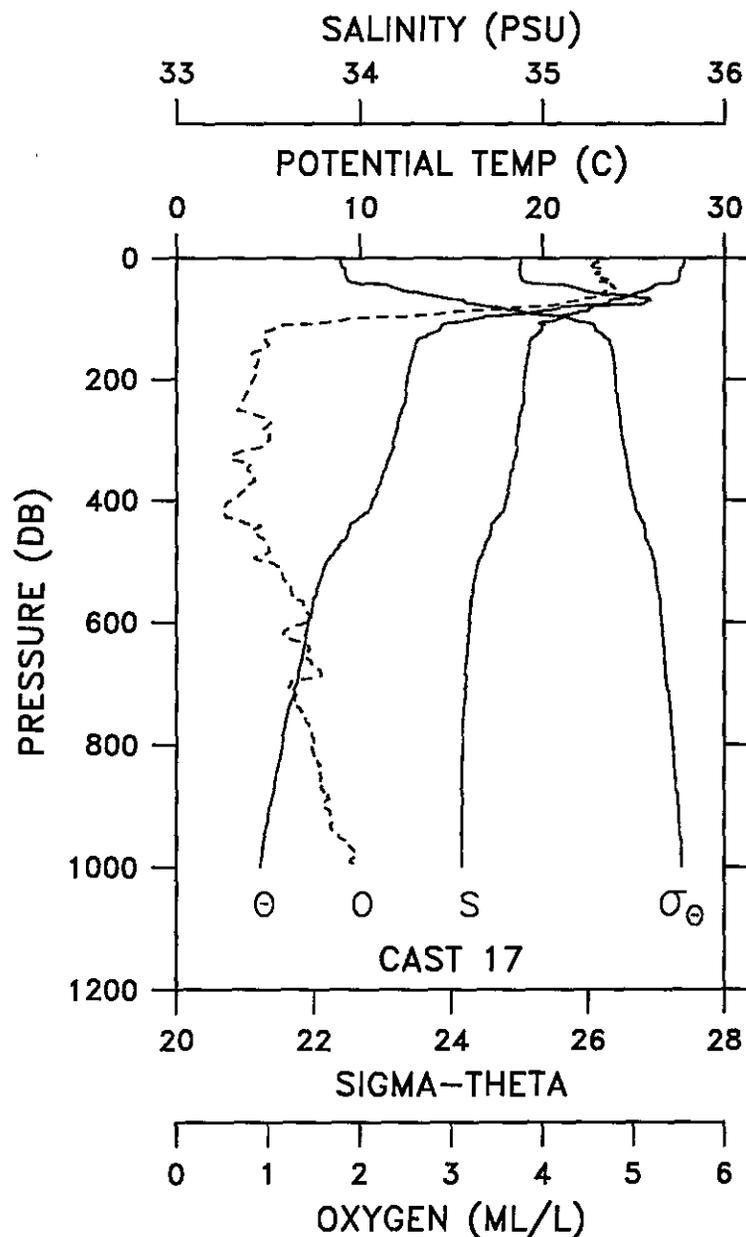


CAST EP1-91-MB -016 DATE 10 APR 91 TIME 1643 GMT
 LAT 02 59.9S LONG 125 00.3W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 065 T SPD 16 KT VISIBILITY 7
 CLOUD 8 AMOUNT 2 DRY 28.5 WET 25.0 DEPTH 4535 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.480	34.875	4.85	22.471	0.000
10	27.480	34.874	4.80	22.471	0.054
20	27.474	34.874	4.74	22.473	0.107
30	27.473	34.874	4.83	22.473	0.161
40	27.473	34.874	4.73	22.473	0.215
50	27.472	34.873	4.82	22.473	0.269
60	27.081	34.954	4.90	22.659	0.322
70	25.175	35.256	4.97	23.483	0.370
80	24.445	35.571	4.62	23.942	0.412
90	22.514	35.538	3.97	24.483	0.449
100	18.773	35.459	2.65	25.431	0.480
110	15.856	35.177	1.80	25.918	0.503
120	14.176	34.999	1.25	26.150	0.523
130	13.901	34.984	1.27	26.196	0.542
140	13.692	34.974	1.09	26.232	0.560
150	13.549	34.967	1.09	26.256	0.578
160	13.408	34.953	0.89	26.275	0.596
170	13.229	34.947	0.84	26.307	0.614
180	13.087	34.938	0.83	26.328	0.631
190	12.981	34.932	0.83	26.344	0.648
200	12.940	34.930	0.83	26.352	0.666
250	12.595	34.909	0.88	26.403	0.751
300	12.366	34.895	0.76	26.438	0.835
350	11.967	34.882	0.30	26.504	0.917
400	11.092	34.830	0.24	26.627	0.995
450	10.037	34.766	0.20	26.763	1.067
500	8.972	34.692	0.33	26.882	1.133
550	8.083	34.638	0.63	26.978	1.194
600	7.411	34.613	0.90	27.056	1.250
650	6.961	34.593	0.96	27.104	1.304
700	6.607	34.583	1.08	27.144	1.356
750	6.240	34.563	1.17	27.177	1.407
800	5.882	34.560	1.43	27.228	1.455
900	5.153	34.554	1.64	27.312	1.546
1000	4.567	34.557	1.89	27.381	1.629
1005	4.546	34.556	1.91	27.383	1.633

CAST EP1-91-MB -017 DATE 10 APR 91 TIME 2233 GMT
LAT 01 59.9S LONG 125 00.6W

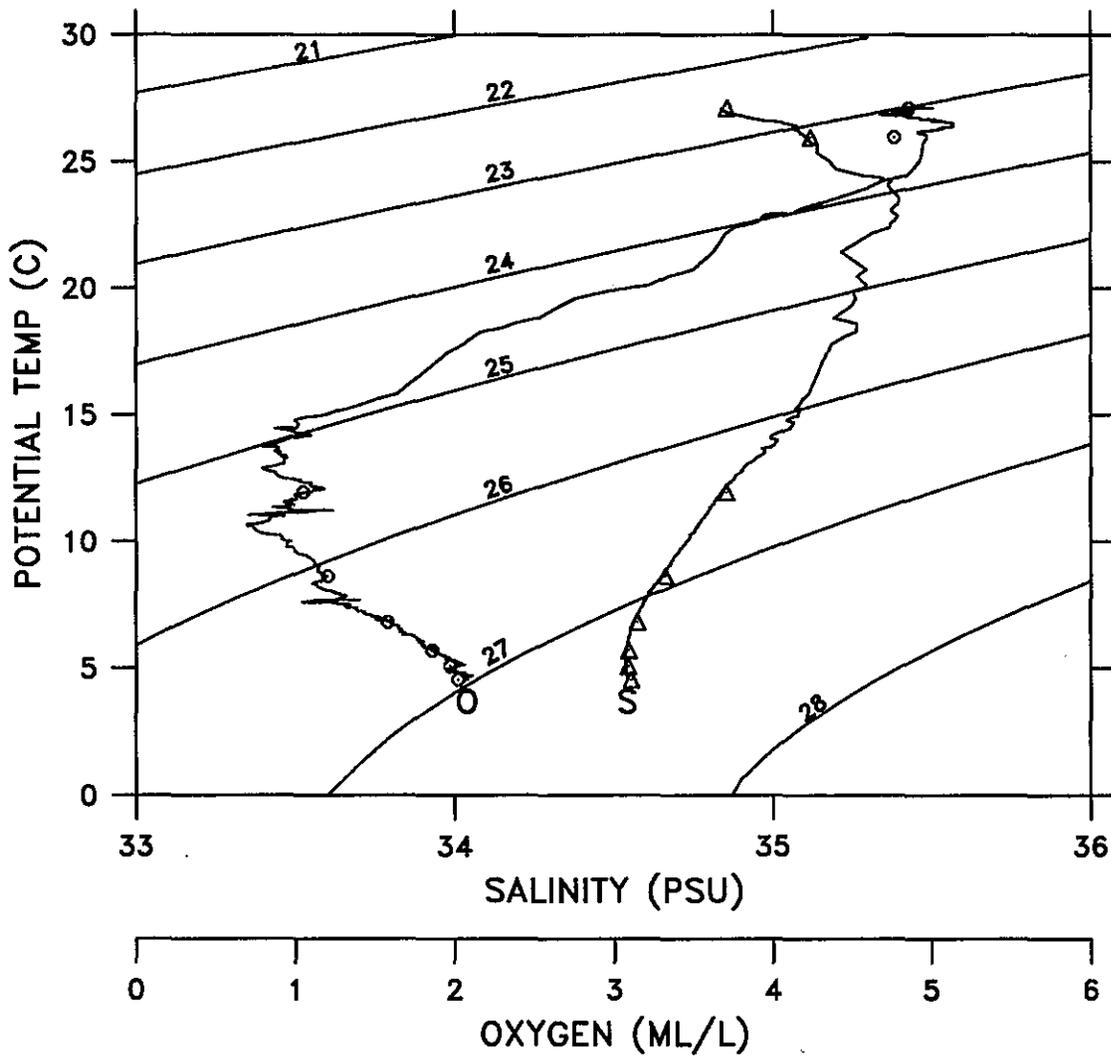




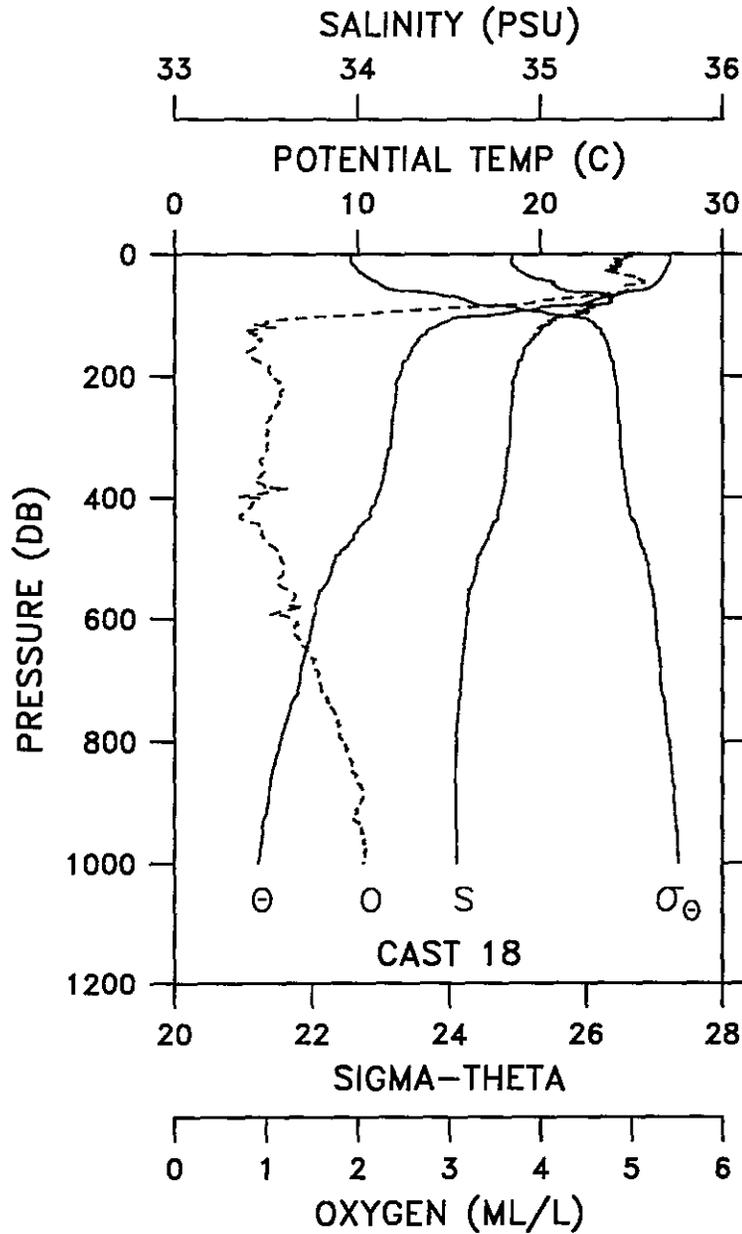
CAST EP1-91-MB-017 DATE 10 APR 91 TIME 2233 GMT
 LAT 01 59.9S LONG 125 00.6W WEATHER 1 SEA STATE 3
 BAROMETER 08 WIND DIR 074 T SPD 10 KT VISIBILITY 7
 CLOUD 9 AMOUNT 4 DRY 29.2 WET 25.4 DEPTH 4734 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.785	34.879	4.60	22.383	0.000
10	27.747	34.878	4.57	22.395	0.054
20	27.571	34.875	4.66	22.449	0.109
30	27.532	34.879	4.61	22.466	0.162
40	27.269	34.915	4.70	22.578	0.216
50	25.945	35.190	4.79	23.203	0.265
60	25.003	35.362	4.68	23.623	0.310
70	23.688	35.577	4.40	24.180	0.350
80	21.313	35.273	3.91	24.625	0.387
90	19.396	35.195	2.94	25.077	0.418
100	16.527	35.090	1.87	25.704	0.443
110	14.544	35.012	1.24	26.089	0.465
120	14.291	34.993	1.03	26.128	0.484
130	13.628	34.958	0.98	26.241	0.502
140	13.116	34.931	1.00	26.324	0.520
150	12.980	34.925	0.96	26.348	0.537
160	12.885	34.921	0.82	26.363	0.554
170	12.787	34.914	0.89	26.377	0.571
180	12.698	34.907	0.87	26.389	0.588
190	12.640	34.904	0.87	26.399	0.605
200	12.592	34.902	0.84	26.406	0.621
250	12.294	34.884	0.67	26.451	0.704
300	11.864	34.859	1.02	26.514	0.785
350	11.371	34.833	0.78	26.586	0.863
400	10.715	34.799	0.60	26.678	0.938
450	9.407	34.718	0.83	26.840	1.006
500	8.236	34.651	0.96	26.972	1.069
550	7.641	34.617	1.25	27.034	1.126
600	7.200	34.603	1.43	27.086	1.180
650	6.910	34.590	1.44	27.117	1.233
700	6.595	34.583	1.25	27.153	1.284
750	6.039	34.566	1.39	27.213	1.334
800	5.767	34.563	1.48	27.245	1.381
900	5.090	34.559	1.63	27.323	1.470
1000	4.591	34.559	1.95	27.380	1.553
1500	3.005	34.608	2.17	27.579	1.901
2000	2.215	34.644	2.52	27.677	2.182
2500	1.712	34.667	2.94	27.735	2.426
3000	1.446	34.677	3.29	27.763	2.653
3500	1.247	34.688	3.59	27.786	2.873
4000	1.111	34.694	3.85	27.800	3.085
4006	1.110	34.693	3.86	27.800	3.087

CAST EP1-91-MB -018 DATE 11 APR 91 TIME 0323 GMT
LAT 01 29.9S LONG 125 00.2W

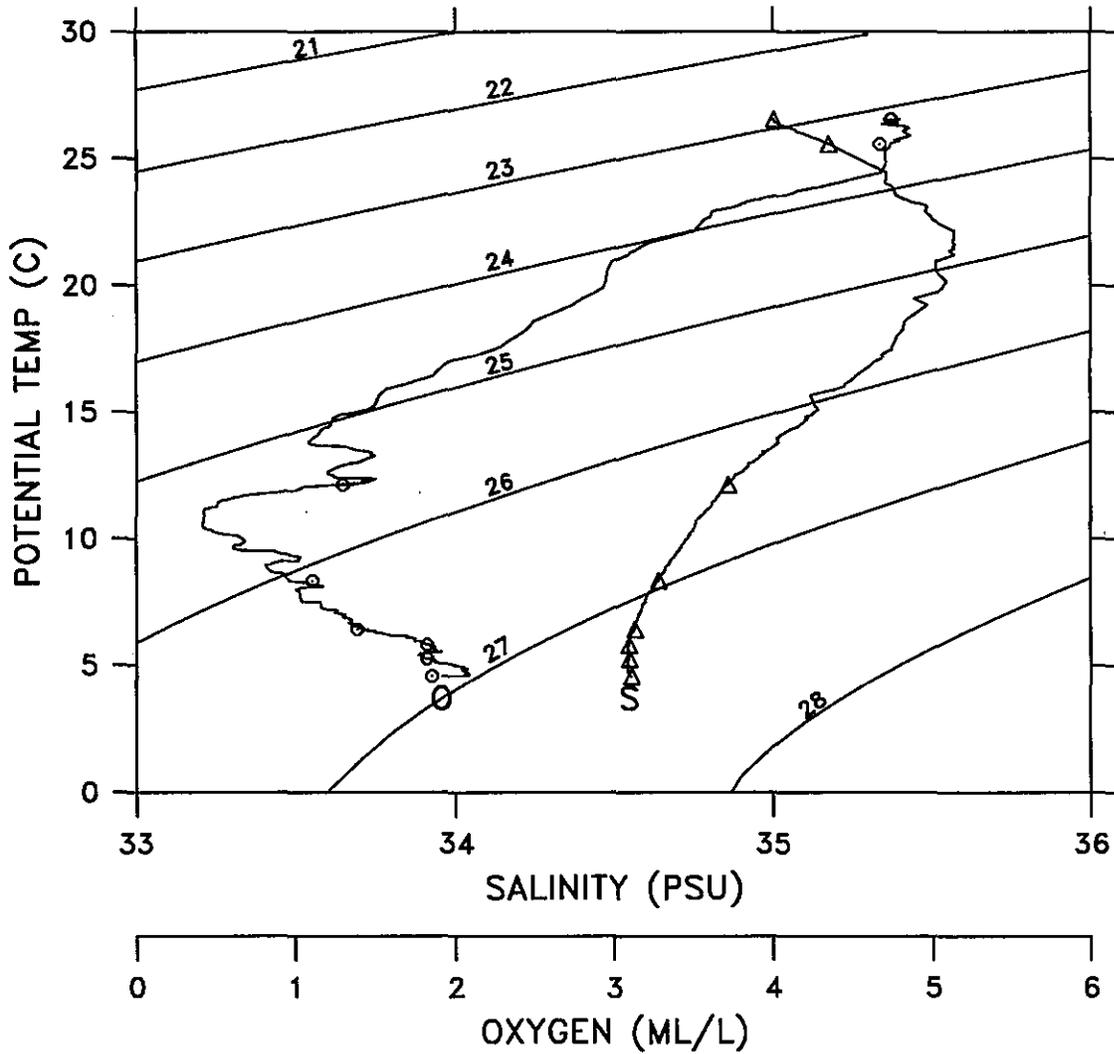


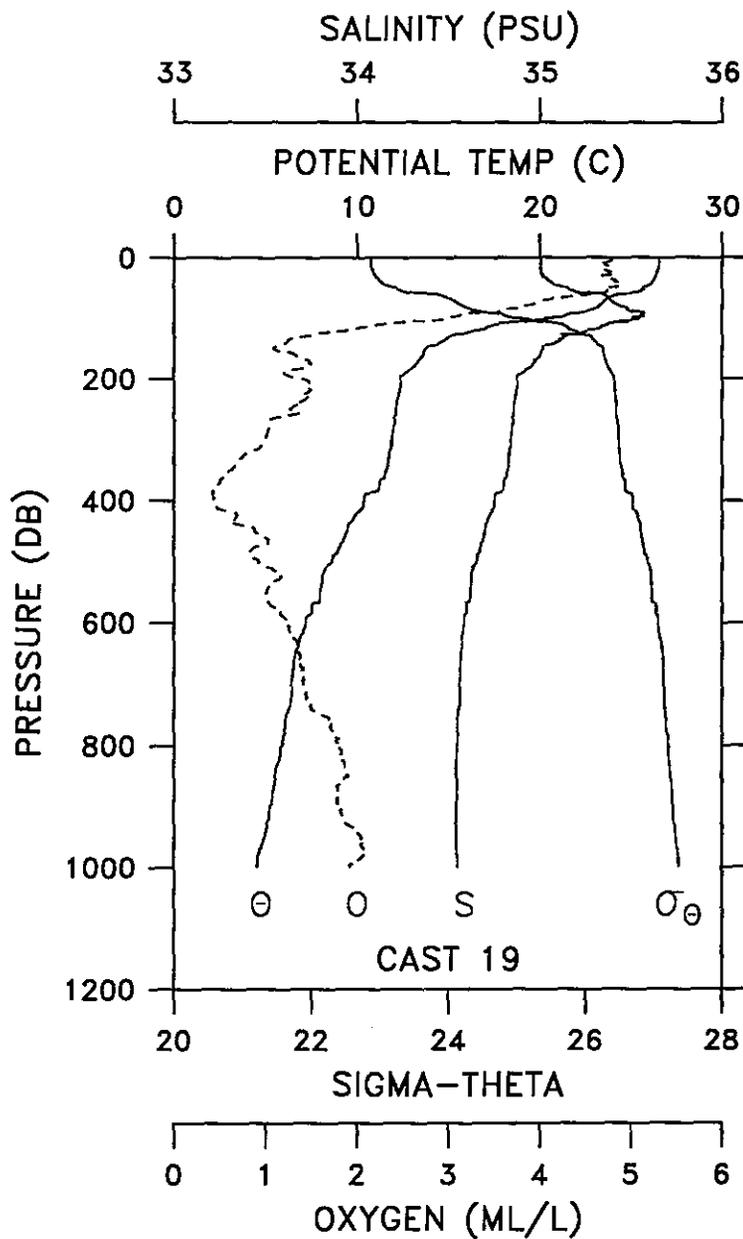
CAST EP1-91-MB -018 DATE 11 APR 91 TIME 0323 GMT
 LAT 01 29.9S LONG 125 00.2W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 075 T SPD 09 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 27.0 WET 24.3 DEPTH 4531 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.127	34.843	5.01	22.561	0.000
10	27.127	34.841	4.86	22.559	0.053
20	26.955	34.855	4.82	22.625	0.105
30	26.813	34.901	4.83	22.705	0.157
40	26.606	34.983	5.01	22.832	0.208
50	26.300	35.070	5.07	22.995	0.258
60	25.352	35.141	4.94	23.342	0.305
70	23.568	35.398	4.41	24.072	0.347
80	22.585	35.372	3.88	24.337	0.384
90	19.761	35.258	2.86	25.023	0.417
100	17.455	35.173	1.96	25.539	0.444
110	14.913	35.059	1.06	26.037	0.465
120	14.197	34.998	1.10	26.144	0.484
130	13.737	34.995	0.80	26.239	0.503
140	13.341	34.953	0.91	26.289	0.520
150	13.079	34.918	0.93	26.314	0.538
160	12.889	34.905	0.79	26.343	0.555
170	12.750	34.899	0.84	26.365	0.572
180	12.448	34.877	1.01	26.407	0.589
190	12.409	34.872	1.02	26.411	0.606
200	12.283	34.861	1.10	26.427	0.622
250	11.993	34.840	1.11	26.467	0.704
300	11.808	34.831	1.02	26.495	0.784
350	11.518	34.815	0.97	26.537	0.864
400	11.006	34.786	0.93	26.608	0.941
450	10.010	34.729	0.94	26.739	1.015
500	8.788	34.656	1.15	26.883	1.082
550	8.066	34.616	1.19	26.962	1.143
600	7.547	34.591	1.27	27.020	1.201
650	7.174	34.577	1.43	27.062	1.257
700	6.857	34.565	1.59	27.096	1.311
750	6.279	34.548	1.74	27.160	1.363
800	5.745	34.538	1.86	27.220	1.413
900	5.117	34.534	2.03	27.292	1.504
1000	4.568	34.542	2.07	27.361	1.588
1006	4.549	34.542	2.07	27.363	1.593

CAST EP1-91-MB -019 DATE 11 APR 91 TIME 0641 GMT
LAT 00 59.9S LONG 124 47.2W

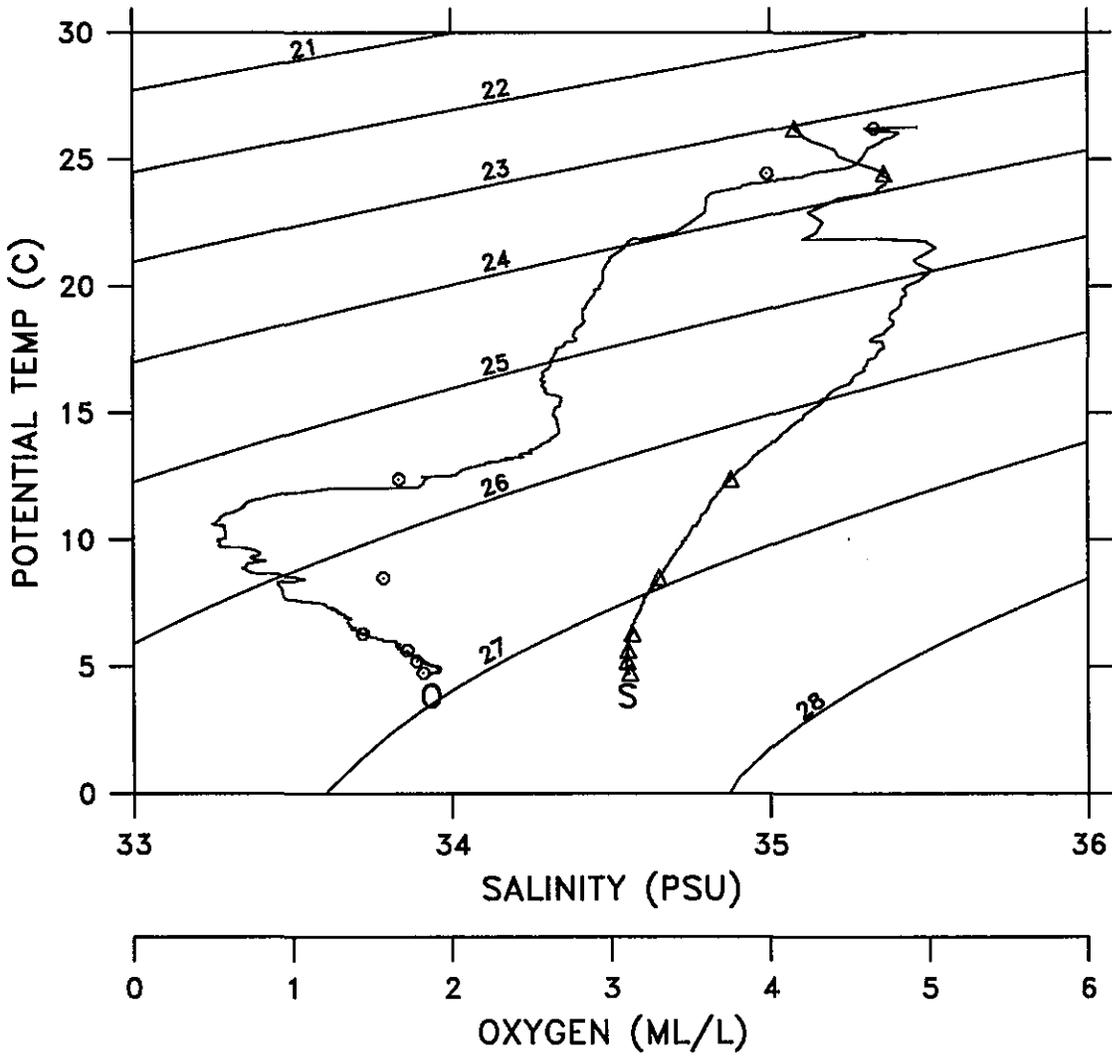




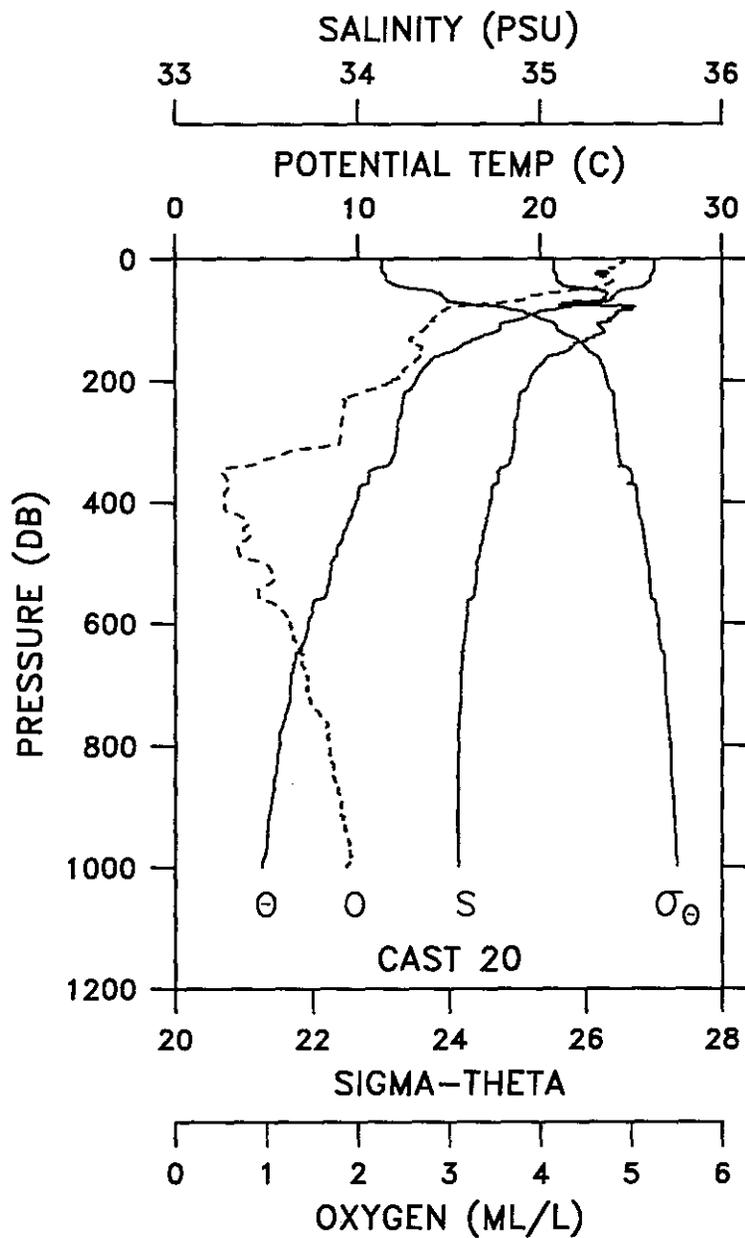
CAST EP1-91-MB -019 DATE 11 APR 91 TIME 0641 GMT
 LAT 00 59.9S LONG 124 47.2W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 064 T SPD 14 KT VISIBILITY 7
 CLOUD 8 AMOUNT 2 DRY 26.5 WET 24.5 DEPTH 4758 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	26.538	35.005	4.79	22.870	0.000
10	26.537	35.003	4.71	22.869	0.050
20	26.503	35.004	4.75	22.880	0.100
30	26.363	35.018	4.68	22.935	0.149
40	26.191	35.060	4.85	23.021	0.198
50	25.704	35.153	4.77	23.242	0.246
60	24.461	35.353	4.68	23.773	0.291
70	23.572	35.385	4.09	24.060	0.331
80	23.248	35.443	3.84	24.199	0.369
90	22.375	35.532	3.54	24.518	0.406
100	20.565	35.510	2.96	25.002	0.437
110	17.564	35.371	2.28	25.665	0.464
120	16.624	35.283	1.89	25.821	0.487
130	15.029	35.135	1.41	26.070	0.508
140	14.490	35.087	1.23	26.151	0.527
150	13.782	35.016	1.09	26.246	0.546
160	13.622	35.003	1.32	26.269	0.564
170	13.381	34.972	1.48	26.294	0.581
180	13.120	34.951	1.44	26.331	0.599
190	12.661	34.906	1.21	26.388	0.616
200	12.379	34.877	1.41	26.421	0.633
250	12.140	34.859	1.27	26.453	0.715
300	11.887	34.841	1.00	26.488	0.796
350	11.581	34.822	0.60	26.531	0.876
400	10.385	34.754	0.44	26.693	0.952
450	9.455	34.701	0.89	26.810	1.021
500	8.617	34.654	0.92	26.908	1.086
550	8.002	34.623	1.02	26.978	1.145
600	7.188	34.587	1.25	27.068	1.202
650	6.614	34.568	1.36	27.132	1.254
700	6.428	34.564	1.42	27.153	1.305
750	6.154	34.553	1.63	27.180	1.356
800	5.855	34.545	1.81	27.212	1.405
900	5.258	34.545	1.78	27.285	1.497
1000	4.569	34.553	1.93	27.369	1.582
1004	4.567	34.553	1.91	27.370	1.586

CAST EP1-91-MB -020 DATE 11 APR 91 TIME 0956 GMT
LAT 00 30.0S LONG 124 53.8W



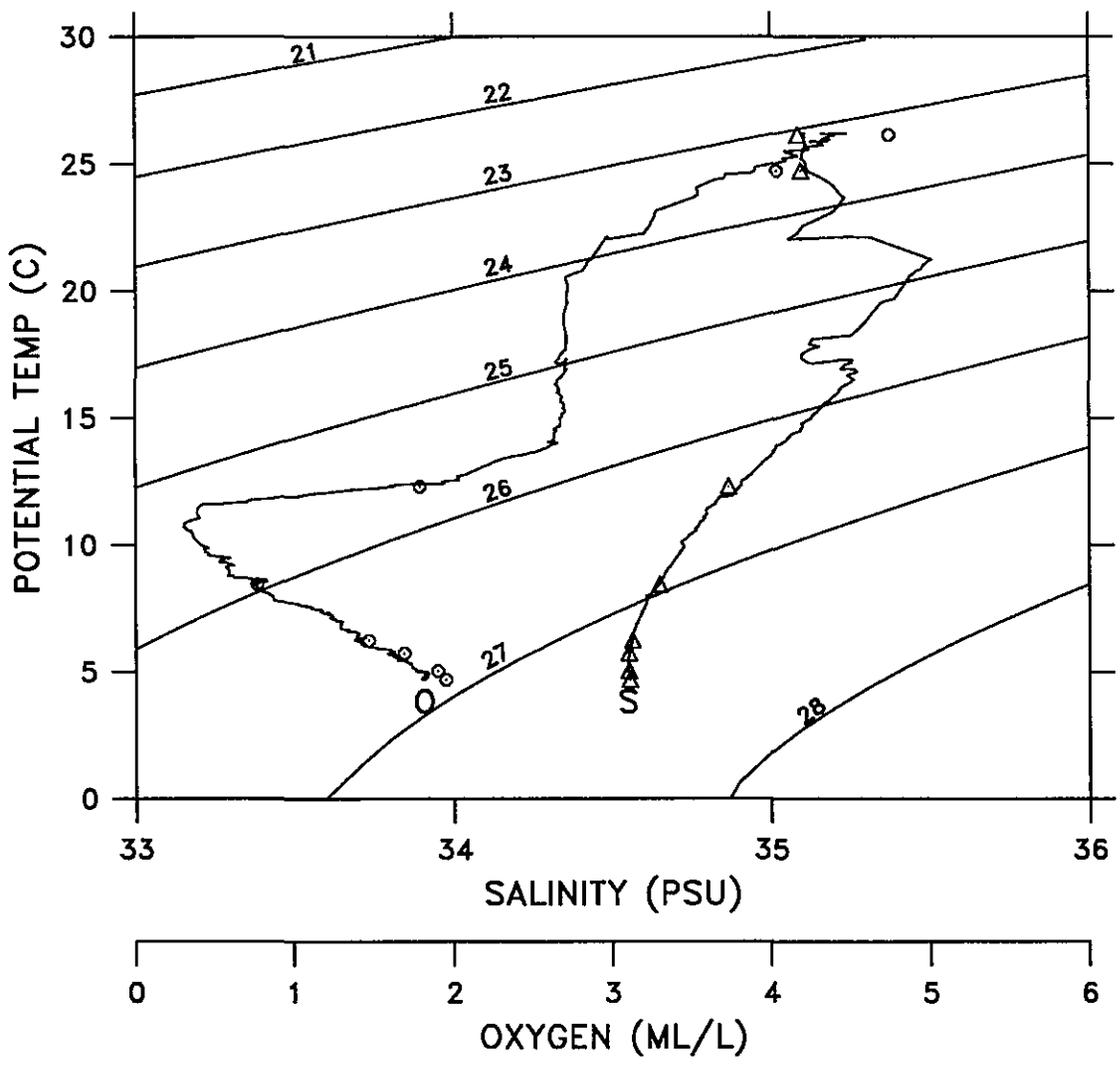
97

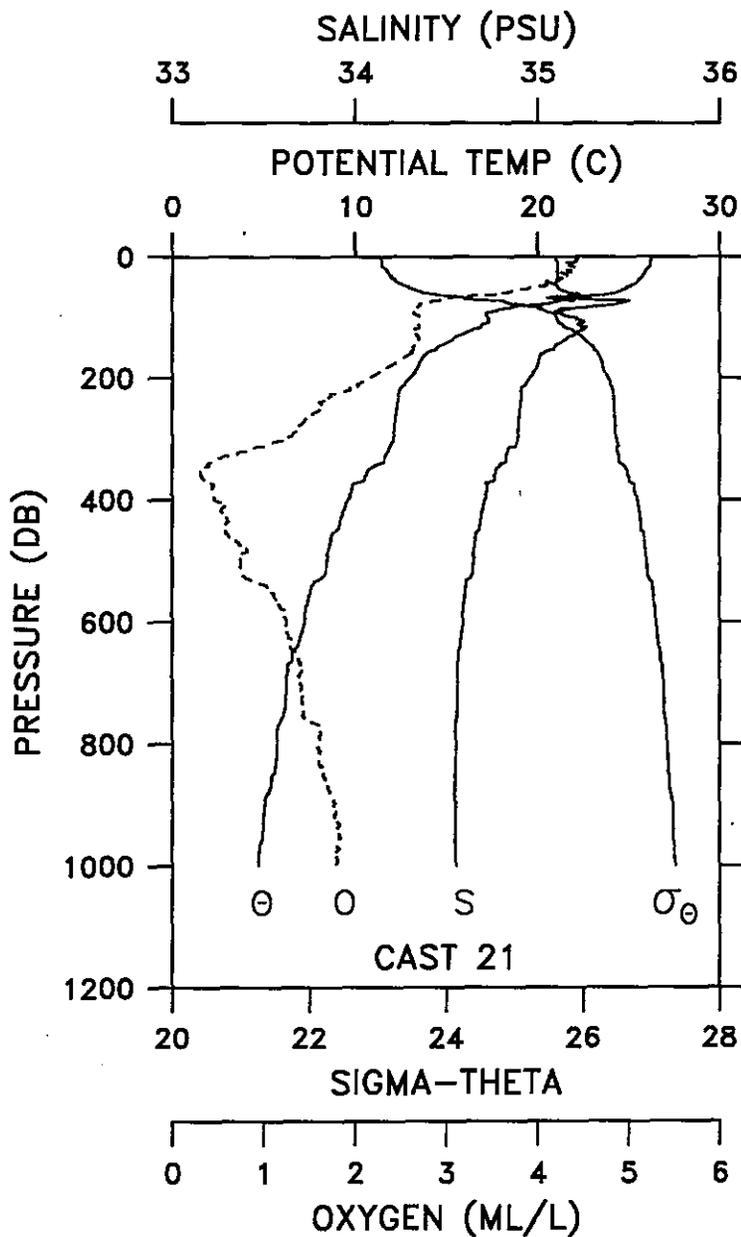


CAST EP1-91-MB -020 DATE 11 APR 91 TIME 0956 GMT
 LAT 00 30.0S LONG 124 53.8W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 062 T SPD 15 KT VISIBILITY 7
 CLOUD X AMOUNT 5 DRY 25.9 WET 23.8 DEPTH 4615 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	26.259	35.075	4.92	23.011	0.000
10	26.256	35.073	4.85	23.010	0.048
20	26.243	35.074	4.79	23.015	0.097
30	26.087	35.091	4.69	23.077	0.145
40	25.853	35.111	4.76	23.165	0.193
50	24.809	35.279	4.54	23.612	0.239
60	24.100	35.366	3.98	23.890	0.280
70	23.638	35.308	3.63	23.983	0.320
80	21.089	35.461	2.99	24.822	0.356
90	19.785	35.423	2.90	25.143	0.386
100	18.704	35.374	2.82	25.384	0.413
110	17.818	35.327	2.76	25.569	0.438
120	17.554	35.356	2.67	25.655	0.462
130	16.551	35.279	2.57	25.835	0.485
140	15.757	35.188	2.60	25.949	0.507
150	15.271	35.149	2.68	26.028	0.527
160	14.195	35.040	2.68	26.178	0.547
170	13.890	35.016	2.61	26.223	0.565
180	13.556	34.982	2.51	26.266	0.583
190	13.331	34.956	2.43	26.292	0.601
200	13.186	34.944	2.36	26.313	0.619
250	12.384	34.876	1.84	26.419	0.704
300	12.080	34.854	1.79	26.461	0.786
350	10.618	34.769	0.51	26.665	0.866
400	9.897	34.724	0.54	26.754	0.937
450	9.192	34.686	0.81	26.842	1.003
500	8.543	34.652	0.97	26.918	1.067
550	8.277	34.638	0.91	26.948	1.127
600	7.258	34.591	1.25	27.061	1.184
650	6.549	34.566	1.37	27.138	1.238
700	6.294	34.563	1.45	27.170	1.288
750	5.998	34.554	1.58	27.200	1.337
800	5.676	34.551	1.68	27.238	1.384
900	5.215	34.547	1.82	27.291	1.475
1000	4.755	34.552	1.88	27.348	1.562
1012	4.691	34.553	1.87	27.356	1.572

CAST EP1-91-MB -021 DATE 12 APR 91 TIME 0336 GMT
LAT 00 10.1S LONG 124 25.8W





CAST EP1-91-MB -021 DATE 12 APR 91 TIME 0336 GMT
 LAT 00 10.1S LONG 124 25.8W WEATHER 1 SEA STATE 2
 BAROMETER 10 WIND DIR 087 T SPD 10 KT VISIBILITY 7
 CLOUD 5 AMOUNT 2 DRY 26.6 WET 24.0 DEPTH 4636 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	26.207	35.097	4.44	23.044	0.000
10	26.191	35.108	4.32	23.057	0.048
20	26.039	35.109	4.35	23.105	0.096
30	25.825	35.109	4.32	23.172	0.143
40	25.557	35.107	4.24	23.254	0.190
50	24.930	35.111	3.96	23.448	0.236
60	24.153	35.197	3.57	23.747	0.279
70	22.122	35.239	2.97	24.366	0.318
80	19.706	35.386	2.71	25.135	0.349
90	17.691	35.120	2.70	25.441	0.376
100	17.251	35.199	2.71	25.608	0.400
110	17.100	35.232	2.70	25.669	0.424
120	16.460	35.253	2.66	25.837	0.447
130	15.703	35.188	2.68	25.960	0.468
140	15.109	35.134	2.68	26.052	0.489
150	14.503	35.094	2.64	26.153	0.508
160	13.947	35.029	2.62	26.221	0.527
170	13.645	35.009	2.50	26.269	0.545
180	13.506	35.002	2.39	26.292	0.563
190	13.305	34.982	2.27	26.318	0.580
200	12.987	34.957	2.15	26.363	0.598
250	12.308	34.905	1.61	26.456	0.680
300	12.088	34.890	1.24	26.488	0.761
350	10.751	34.776	0.31	26.646	0.840
400	9.613	34.711	0.46	26.792	0.910
450	9.066	34.676	0.58	26.854	0.975
500	8.461	34.650	0.74	26.929	1.037
550	7.568	34.605	1.09	27.028	1.096
600	7.223	34.591	1.24	27.066	1.151
650	6.591	34.570	1.34	27.136	1.204
700	6.242	34.563	1.40	27.177	1.254
750	6.117	34.561	1.44	27.191	1.304
800	5.740	34.554	1.61	27.233	1.351
900	5.045	34.550	1.76	27.314	1.442
1000	4.709	34.556	1.82	27.356	1.527
1007	4.689	34.554	1.81	27.357	1.533

CAST EP1-91-MB -001 LAT 05 41.7N LONG 099 54.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
508.	8.521	34.642	0.51	8.467	26.922
509.	8.534	34.643	0.00	8.480	26.921
509.	8.534	34.647	0.00	8.480	26.924
509.	8.537	34.649	0.35	8.483	26.925

CAST EP1-91-MB -004 LAT 04 00.4N LONG 109 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	28.024	34.176	5.03	28.021	21.770
52.	21.901	34.784	3.61	21.891	24.086
252.	11.952	34.827	0.73	11.919	26.471
503.	8.530	34.635	0.23	8.476	26.915
703.	6.172	34.556	0.97	6.109	27.188
801.	5.538	34.553	1.18	5.469	27.266
904.	5.055	34.555	1.27	4.980	27.325
1005.	4.728	34.560	1.31	4.646	27.367

CAST EP1-91-MB -002 LAT 04 57.2N LONG 110 04.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
8.	28.285	34.094	4.71	28.283	21.623
254.	10.576	34.721	0.66	10.546	26.640
503.	8.095	34.618	0.17	8.043	26.968
756.	5.813	34.557	0.62	5.747	27.235
1004.	4.589	34.563	1.12	4.508	27.384
1255.	3.603	34.586	1.56	3.509	27.506
1505.	3.028	34.609	1.79	2.919	27.580
1756.	2.608	34.625	2.04	2.483	27.632
2013.	2.246	34.637	2.27	2.105	27.673
2012.	2.248	34.643	0.00	2.107	27.677
2012.	2.248	34.641	0.00	2.107	27.676
2012.	2.248	34.643	0.00	2.107	27.677

CAST EP1-91-MB -005 LAT 03 00.3N LONG 110 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	27.237	33.822	4.94	27.235	21.758
49.	20.211	34.698	3.18	20.202	24.479
250.	12.520	34.868	0.72	12.487	26.393
503.	8.784	34.651	0.35	8.729	26.888
702.	6.382	34.569	1.04	6.318	27.171
802.	5.615	34.558	1.31	5.545	27.260
904.	5.021	34.553	1.66	4.946	27.327
1006.	4.603	34.565	1.75	4.522	27.384

CAST EP1-91-MB -003 LAT 05 02.3N LONG 110 00.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.444	34.068	4.93	28.442	21.552
11.	28.433	34.068	4.93	28.431	21.555
508.	8.183	34.624	0.23	8.130	26.959
509.	8.193	34.624	0.21	8.140	26.958

CAST EP1-91-MB -006 LAT 02 00.6N LONG 110 14.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	26.678	34.036	5.07	26.676	22.097
252.	12.294	34.857	0.93	12.261	26.428
502.	8.253	34.631	0.42	8.201	26.954
753.	5.912	34.561	1.16	5.845	27.225

CAST EP1-91-MB -007 LAT 02 02.8N LONG 110 10.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	27.045	33.951	5.12	27.043	21.916
9.	27.045	33.952	0.00	27.043	21.917
505.	7.985	34.618	0.00	7.933	26.984
505.	7.985	34.621	1.07	7.933	26.986

CAST EP1-91-MB -010 LAT 00 03.0N LONG 109 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	24.161	34.953	4.24	24.159	23.560
50.	18.360	35.043	3.01	18.351	25.219
252.	12.612	34.886	1.69	12.578	26.389
503.	8.023	34.624	1.05	7.971	26.983
703.	6.218	34.558	1.48	6.154	27.184
803.	5.594	34.551	1.67	5.525	27.257
903.	5.210	34.551	1.76	5.134	27.304
1003.	4.565	34.558	1.87	4.485	27.383

CAST EP1-91-MB -008 LAT 01 30.4N LONG 110 00.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	26.790	34.094	4.97	26.788	22.105
50.	17.304	34.844	2.44	17.296	25.325
251.	12.423	34.940	1.24	12.389	26.468
504.	8.530	34.654	0.57	8.476	26.930
703.	6.506	34.571	1.14	6.441	27.157
802.	5.653	34.562	1.25	5.583	27.259
904.	4.949	34.555	1.67	4.875	27.337
1006.	4.629	34.565	1.72	4.548	27.382

CAST EP1-91-MB -011 LAT 01 00.2S LONG 110 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	25.280	34.816	4.56	25.278	23.119
52.	20.488	35.147	3.37	20.478	24.748
251.	12.294	34.900	1.05	12.261	26.462
703.	6.066	34.552	1.83	6.003	27.198
803.	5.645	34.550	1.81	5.575	27.250
903.	4.987	34.546	2.31	4.912	27.326
1005.	4.521	34.554	2.26	4.441	27.385

CAST EP1-91-MB -009 LAT 01 00.3N LONG 109 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	24.668	34.744	4.54	24.666	23.251
51.	18.377	34.762	2.70	18.368	25.000
252.	12.326	34.866	0.96	12.293	26.429
504.	8.227	34.638	0.67	8.174	26.964
703.	6.379	34.560	1.45	6.315	27.165
803.	5.637	34.554	1.52	5.567	27.254
901.	5.288	34.552	1.53	5.212	27.295
1007.	4.787	34.554	1.79	4.705	27.355

CAST EP1-91-MB -012 LAT 02 00.1S LONG 110 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	26.059	34.558	4.92	26.057	22.684
52.	18.575	34.328	4.75	18.566	24.618
252.	12.277	34.872	0.93	12.244	26.443
504.	8.147	34.638	0.62	8.095	26.976
702.	6.266	34.563	1.29	6.202	27.182
802.	5.450	34.550	1.62	5.382	27.274
904.	4.874	34.552	1.81	4.800	27.343
1004.	4.511	34.556	1.91	4.431	27.387

CAST EP1-91-MB -013 LAT 03 00.0S LONG 110 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	26.926	34.579	4.89	26.924	22.427
51.	16.904	35.188	2.43	16.896	25.684
251.	12.546	34.885	0.96	12.512	26.401
503.	8.642	34.663	0.79	8.588	26.920
702.	6.386	34.567	1.25	6.322	27.169
803.	5.442	34.552	1.54	5.373	27.276
903.	4.890	34.551	1.86	4.816	27.340
1006.	4.467	34.564	2.01	4.387	27.398

CAST EP1-91-MB -014 LAT 03 59.6S LONG 110 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
12.	27.468	34.580	4.86	27.465	22.254
52.	20.509	35.543	3.74	20.499	25.044
252.	12.388	34.887	0.26	12.354	26.434
502.	8.416	34.656	0.46	8.363	26.949
702.	6.383	34.996	1.51	6.318	27.508
803.	5.488	34.548	1.79	5.419	27.268
903.	4.959	34.544	2.01	4.885	27.327
1005.	4.508	34.549	2.18	4.428	27.382

CAST EP1-91-MB -015 LAT 04 56.9S LONG 110 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	27.407	34.757	4.72	27.404	22.407
49.	26.484	35.049	4.74	26.473	22.924
252.	11.725	34.859	1.39	11.693	26.538
503.	8.495	34.660	0.49	8.441	26.940
705.	6.308	34.565	1.16	6.244	27.178
804.	5.556	34.545	1.62	5.487	27.257
905.	4.901	34.546	1.78	4.827	27.335
1009.	4.449	34.554	1.90	4.369	27.392

CAST EP1-91-MB -016 LAT 02 59.9S LONG 125 00.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	27.484	34.855	4.80	27.481	22.456
51.	27.187	34.948	4.87	27.175	22.625
252.	12.561	34.890	0.97	12.527	26.402
504.	8.963	34.686	0.47	8.908	26.887
703.	6.637	34.578	1.58	6.571	27.145
805.	5.908	34.558	1.57	5.836	27.224
904.	5.191	34.555	1.74	5.115	27.309
1004.	4.649	34.558	2.05	4.568	27.374

CAST EP1-91-MB -017 LAT 01 59.9S LONG 125 00.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	27.641	34.856	4.81	27.639	22.406
252.	12.166	34.867	1.02	12.133	26.461
503.	8.360	34.650	1.05	8.307	26.953
1003.	4.671	34.566	1.90	4.590	27.378
2005.	2.363	34.641	2.41	2.221	27.666
2506.	1.893	34.668	2.92	1.714	27.728
2756.	1.760	34.696	3.04	1.561	27.762
3006.	1.664	34.671	3.25	1.443	27.750
3258.	1.593	34.682	3.32	1.349	27.766
3506.	1.512	34.686	3.50	1.245	27.776
3756.	1.432	34.693	3.61	1.141	27.789
4005.	1.428	34.694	3.77	1.110	27.792

CAST EP1-91-MB -018 LAT 01 29.9S LONG 125 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	27.119	34.855	4.86	27.117	22.573
50.	25.965	35.121	4.77	25.954	23.141
252.	11.975	34.854	1.05	11.942	26.487
502.	8.688	34.660	1.20	8.634	26.910
703.	6.887	34.574	1.58	6.820	27.108
803.	5.771	34.546	1.86	5.700	27.232
904.	5.152	34.544	1.97	5.076	27.305
1007.	4.630	34.553	2.02	4.549	27.372

CAST EP1-91-MB -019 LAT 00 59.9S LONG 124 47.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	26.537	35.006	4.74	26.535	22.872
51.	25.578	35.176	4.67	25.567	23.302
252.	12.155	34.861	1.30	12.122	26.458
503.	8.395	34.642	1.11	8.342	26.941
703.	6.486	34.566	1.39	6.421	27.155
803.	5.872	34.548	1.82	5.801	27.221
902.	5.325	34.549	1.82	5.248	27.289
1004.	4.649	34.556	1.85	4.568	27.372

CAST EP1-91-MB -020 LAT 00 30.0S LONG 124 53.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	26.216	35.077	4.65	26.214	23.027
51.	24.445	35.357	3.98	24.434	23.784
252.	12.409	34.876	1.67	12.375	26.421
504.	8.544	34.649	1.57	8.490	26.924
703.	6.346	34.566	1.44	6.282	27.174
803.	5.706	34.552	1.72	5.636	27.244
903.	5.271	34.550	1.78	5.194	27.296
1007.	4.826	34.558	1.82	4.743	27.354

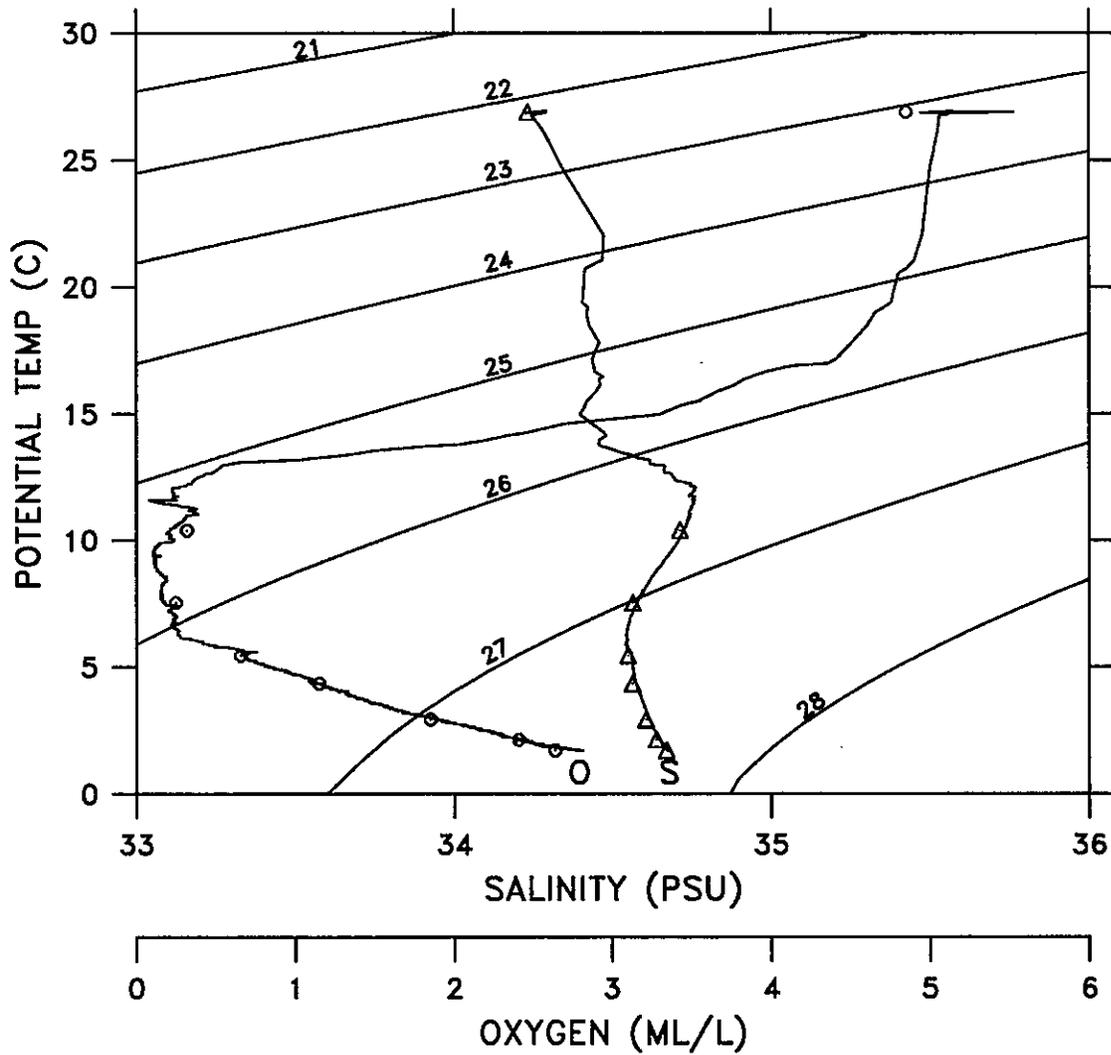
CAST EP1-91-MB -021 LAT 00 10.1S LONG 124 25.8W

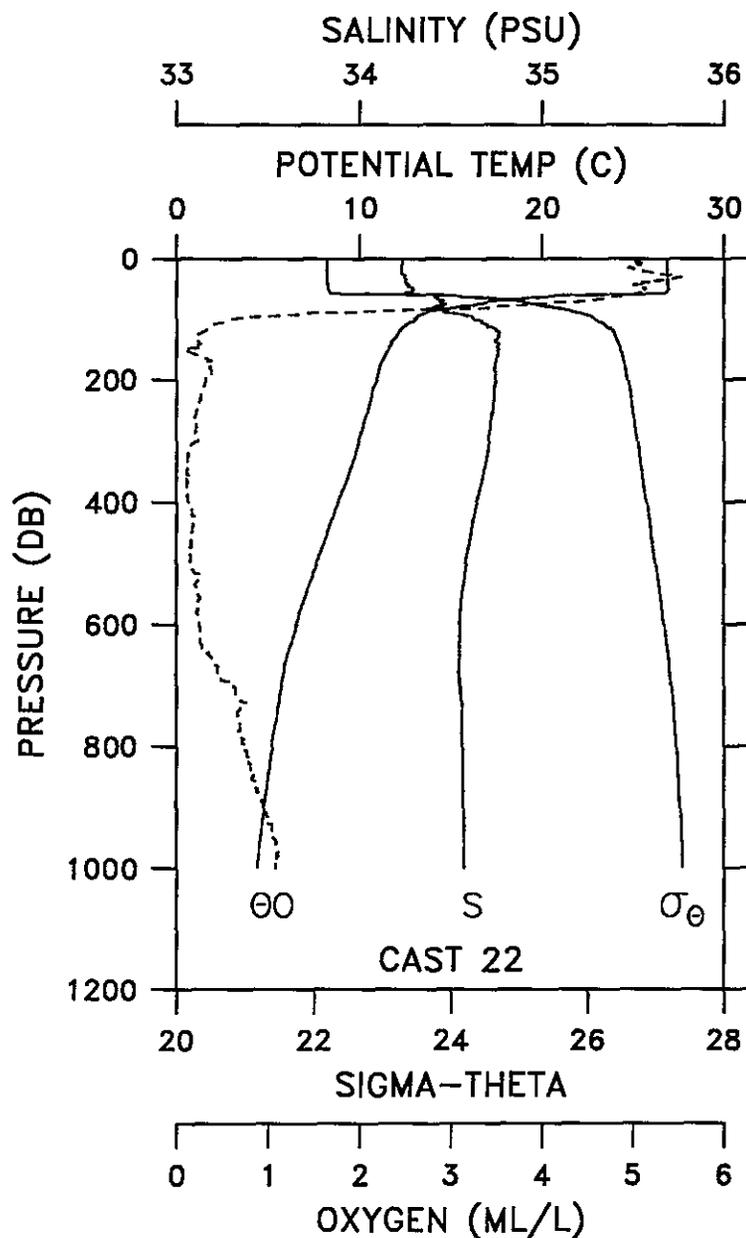
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	26.142	35.086	4.74	26.140	23.057
52.	24.738	35.096	4.04	24.727	23.498
252.	12.333	34.869	1.79	12.300	26.430
503.	8.484	34.651	0.77	8.431	26.935
703.	6.295	34.564	1.47	6.231	27.179
803.	5.799	34.553	1.69	5.728	27.234
903.	5.110	34.553	1.90	5.035	27.317
1006.	4.773	34.556	1.95	4.691	27.359



EP2-91-MB
April 23–May 26, 1991
CTD/O₂ and Hydrographic Data Summary

CAST EP2-91-MB -022 DATE 29 APR 91 TIME 1234 GMT
LAT 08 53.4N LONG 140 15.4W

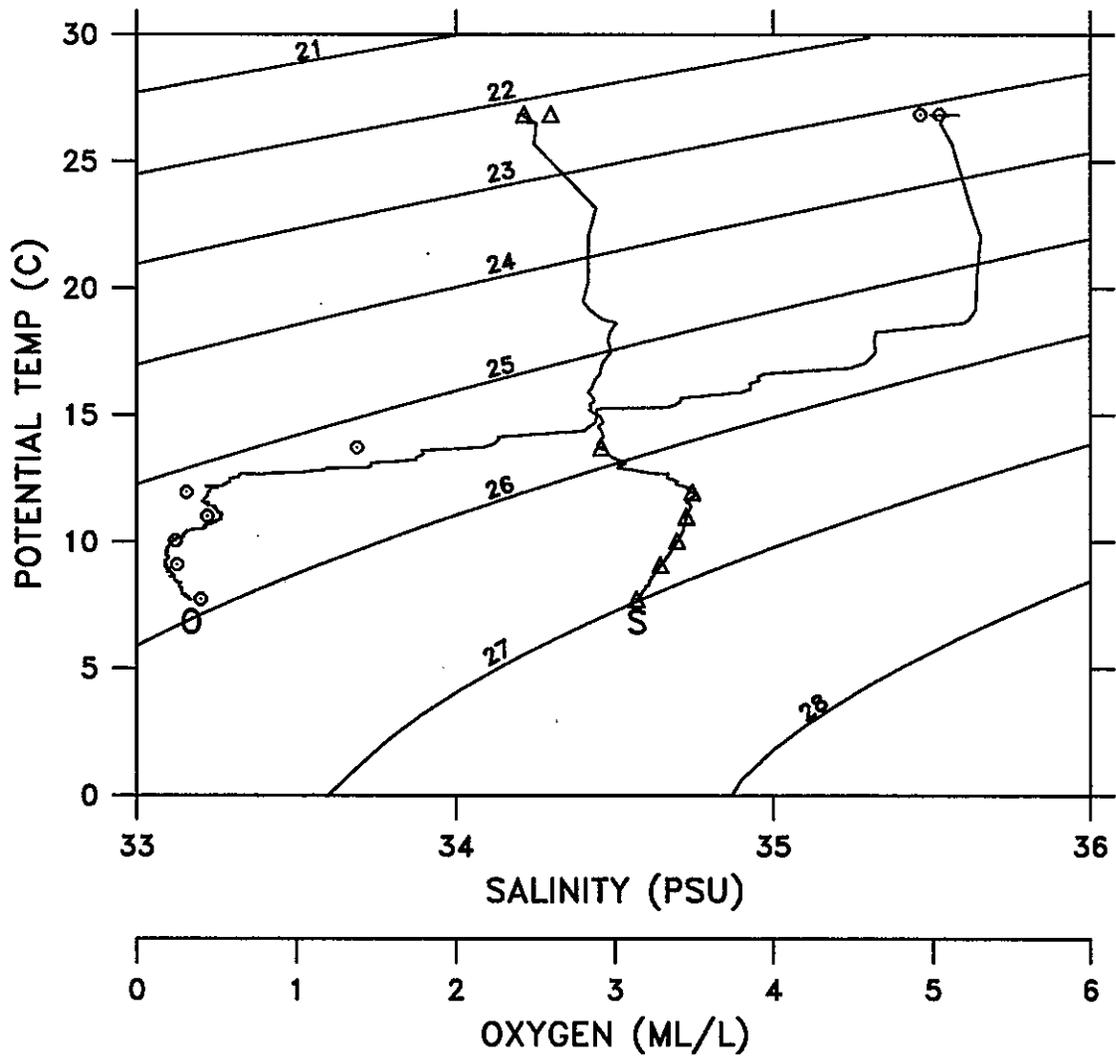


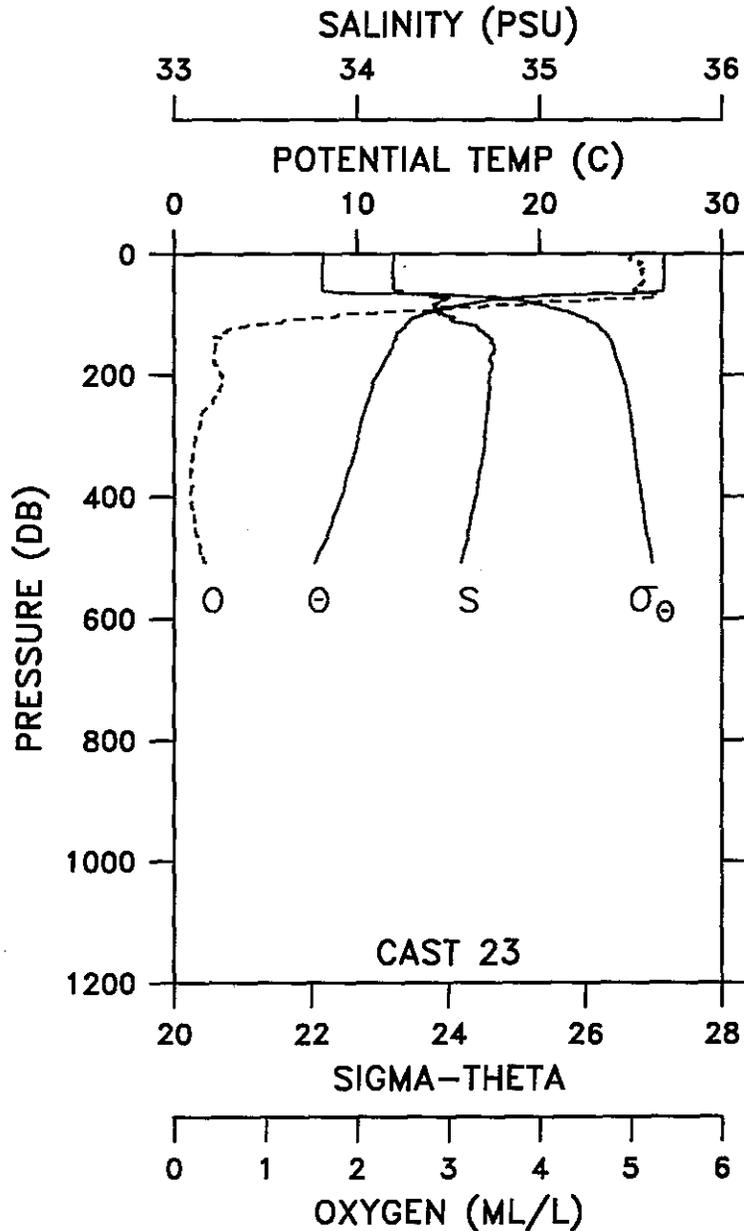


CAST EP2-91-MB -022 DATE 29 APR 91 TIME 1234 GMT
 LAT 08 53.4N LONG 140 15.4W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 033 T SPD 20 KT VISIBILITY 7
 CLOUD 8 AMOUNT 7 DRY 27.6 WET 25.0 DEPTH 4848 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	26.855	34.231	5.02	22.187	0.000
10	26.856	34.229	5.08	22.185	0.056
20	26.861	34.228	5.11	22.183	0.113
30	26.886	34.244	5.49	22.187	0.169
40	26.899	34.258	5.11	22.193	0.226
50	26.933	34.293	5.14	22.208	0.282
60	22.032	34.476	4.95	23.812	0.337
70	17.472	34.450	4.46	24.980	0.371
80	15.345	34.417	3.44	25.447	0.399
90	13.544	34.514	1.50	25.907	0.422
100	13.022	34.620	0.59	26.095	0.442
110	12.494	34.695	0.39	26.257	0.461
120	12.146	34.749	0.30	26.367	0.478
130	11.969	34.760	0.23	26.409	0.495
140	11.736	34.757	0.24	26.451	0.511
150	11.592	34.759	0.12	26.480	0.527
160	11.415	34.756	0.23	26.510	0.543
170	11.251	34.749	0.35	26.535	0.558
180	11.102	34.742	0.36	26.557	0.573
190	11.030	34.746	0.39	26.573	0.588
200	10.952	34.745	0.32	26.586	0.603
250	10.468	34.729	0.22	26.660	0.676
300	9.956	34.708	0.23	26.732	0.746
350	9.445	34.680	0.11	26.795	0.813
400	8.824	34.641	0.14	26.866	0.878
450	8.243	34.611	0.16	26.932	0.939
500	7.641	34.583	0.17	27.000	0.997
550	7.059	34.562	0.23	27.066	1.053
600	6.541	34.551	0.24	27.127	1.105
650	6.057	34.547	0.36	27.188	1.155
700	5.727	34.548	0.62	27.230	1.202
750	5.483	34.562	0.67	27.271	1.248
800	5.220	34.564	0.74	27.304	1.291
900	4.787	34.569	0.94	27.358	1.375
1000	4.423	34.575	1.09	27.403	1.454
1500	2.978	34.617	1.87	27.581	1.796
2000	2.142	34.650	2.43	27.680	2.076
2500	1.718	34.675	2.81	27.733	2.318
2508	1.712	34.676	2.79	27.734	2.322

CAST EP2-91-MB -023 DATE 30 APR 91 TIME 0803 GMT
LAT 08 57.8N LONG 140 18.1W

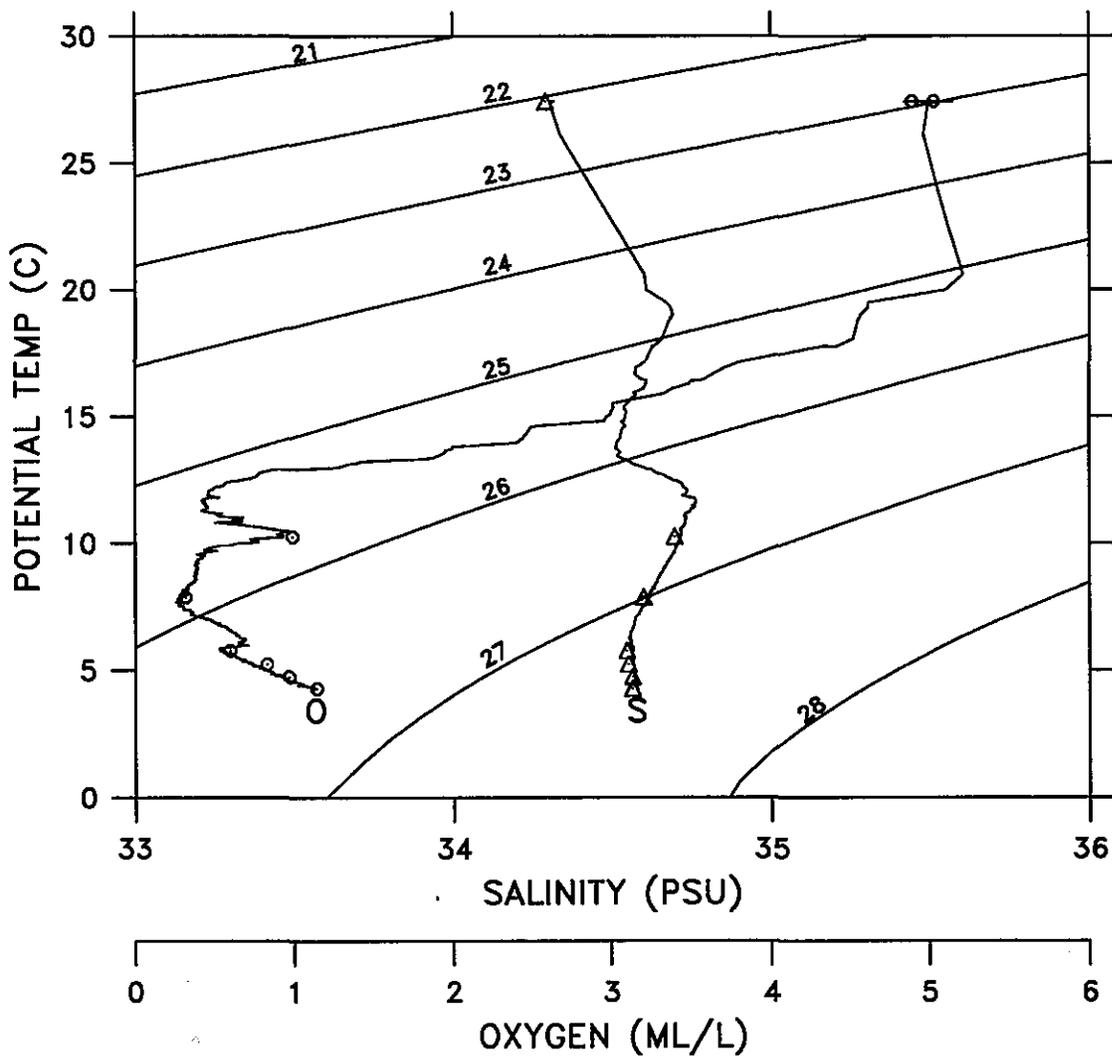


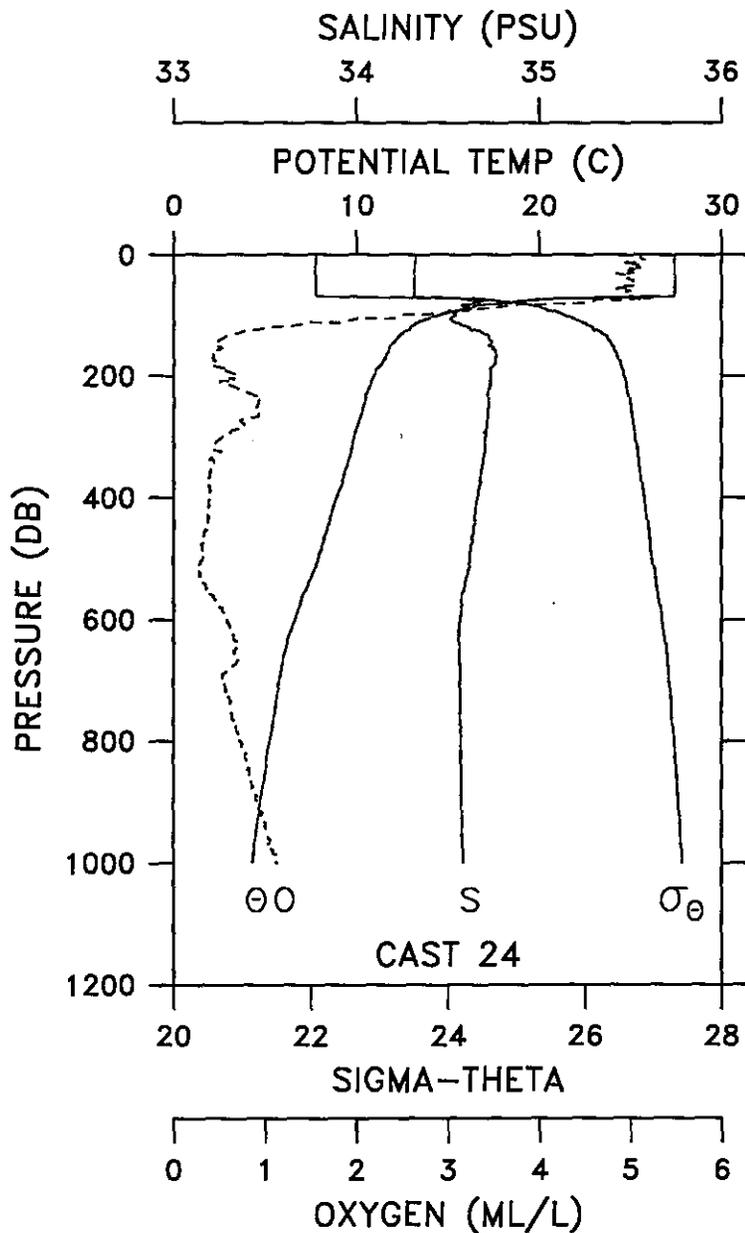


CAST EP2-91-MB -023 DATE 30 APR 91 TIME 0803 GMT
 LAT 08 57.8N LONG 140 18.1W WEATHER 6 SEA STATE 3
 BAROMETER 11 WIND DIR 051 T SPD 28 KT VISIBILITY 5
 CLOUD 9 AMOUNT 6 DRY 25.9 WET 23.9 DEPTH 4848 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	26.840	34.200	5.00	22.168	0.000
10	26.837	34.200	4.99	22.169	0.057
20	26.841	34.198	5.11	22.166	0.113
30	26.842	34.196	5.12	22.164	0.170
40	26.846	34.198	5.14	22.165	0.226
50	26.840	34.202	5.13	22.170	0.283
60	26.809	34.209	5.06	22.185	0.340
70	19.474	34.400	5.28	24.442	0.388
80	16.516	34.446	3.90	25.204	0.419
90	15.196	34.419	2.88	25.482	0.445
100	13.607	34.472	1.79	25.861	0.468
110	12.901	34.521	1.19	26.042	0.489
120	12.670	34.659	0.76	26.195	0.508
130	12.271	34.694	0.55	26.300	0.526
140	12.123	34.737	0.46	26.361	0.543
150	11.964	34.745	0.45	26.398	0.560
160	11.803	34.749	0.44	26.432	0.576
170	11.636	34.731	0.42	26.450	0.592
180	11.477	34.734	0.44	26.482	0.608
190	11.321	34.739	0.48	26.514	0.624
200	11.121	34.731	0.53	26.544	0.640
250	10.516	34.718	0.41	26.642	0.714
300	10.075	34.701	0.23	26.706	0.785
350	9.666	34.678	0.19	26.757	0.854
400	9.137	34.649	0.19	26.821	0.920
450	8.565	34.616	0.23	26.886	0.984
500	7.809	34.575	0.31	26.969	1.044
508	7.694	34.569	0.34	26.981	1.053

CAST EP2-91-MB -024 DATE 30 APR 91 TIME 1455 GMT
LAT 08 00.0N LONG 140 00.1W

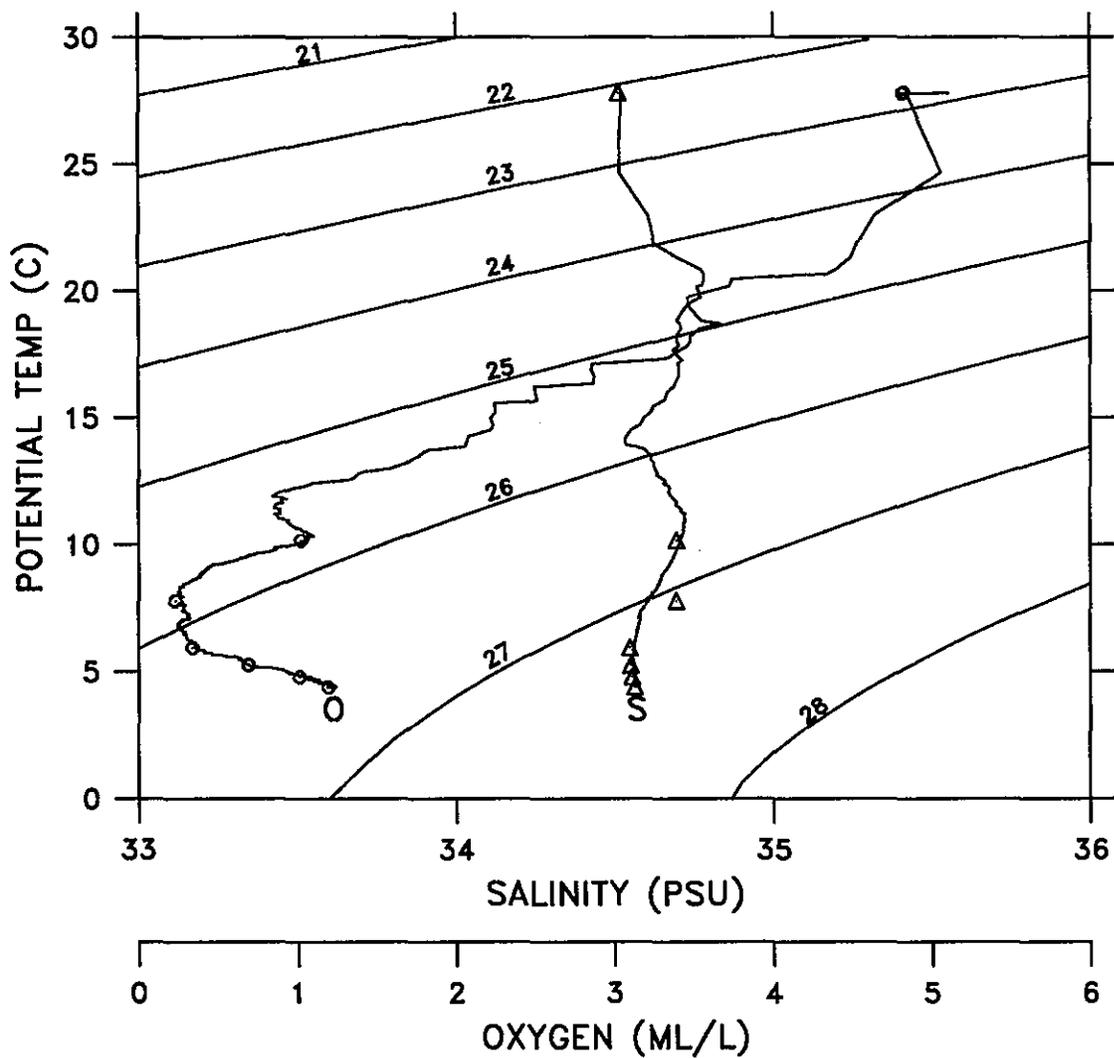




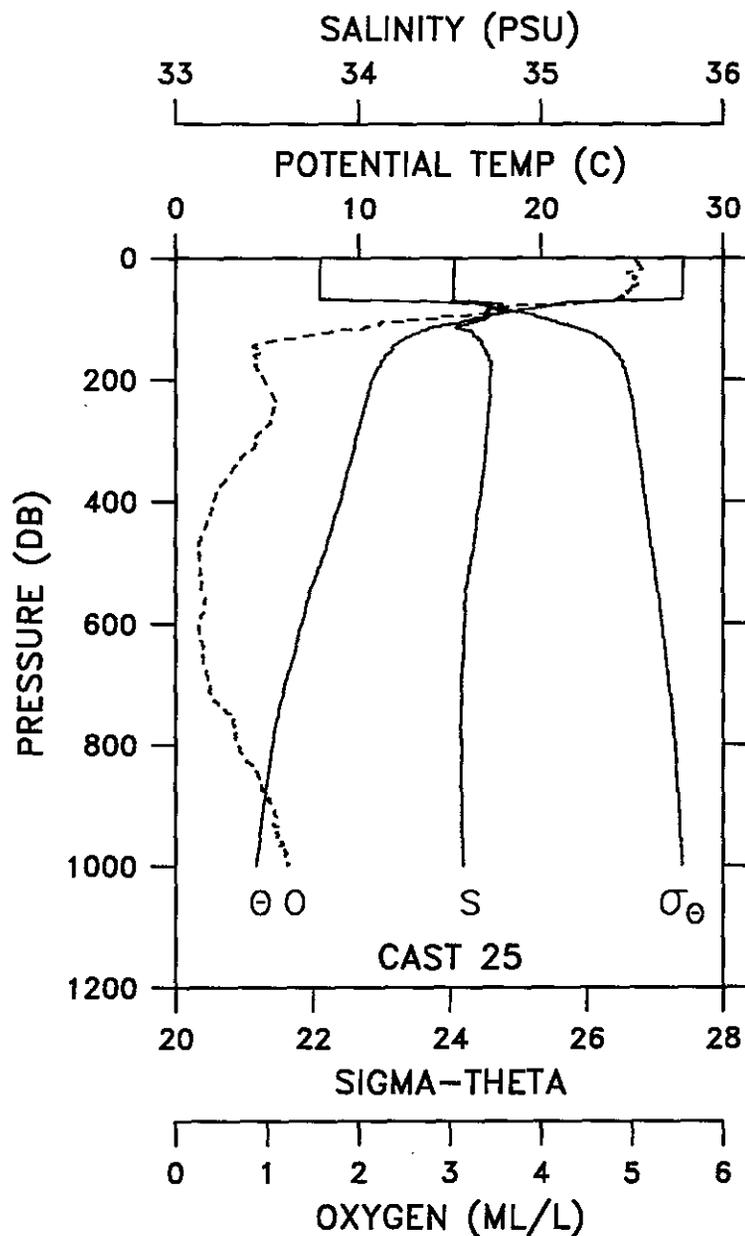
CAST EP2-91-MB -024 DATE 30 APR 91 TIME 1455 GMT
 LAT 08 00.0N LONG 140 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 029 T SPD 24 KT VISIBILITY 7
 CLOUD 4 AMOUNT 5 DRY 26.1 WET 25.0 DEPTH 5002 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.425	34.322	5.11	22.073	0.000
10	27.423	34.321	5.05	22.073	0.057
20	27.429	34.319	5.11	22.070	0.115
30	27.427	34.316	5.03	22.068	0.173
40	27.427	34.314	4.98	22.067	0.230
50	27.423	34.314	5.02	22.068	0.288
60	27.418	34.315	5.00	22.070	0.346
70	26.145	34.341	4.96	22.493	0.403
80	17.750	34.632	4.40	25.053	0.439
90	15.920	34.571	3.34	25.436	0.466
100	14.598	34.544	2.50	25.709	0.490
110	13.442	34.520	1.90	25.932	0.512
120	12.925	34.616	1.00	26.111	0.532
130	12.527	34.690	0.70	26.247	0.551
140	12.205	34.728	0.51	26.339	0.569
150	11.883	34.725	0.46	26.399	0.585
160	11.740	34.763	0.44	26.455	0.602
170	11.590	34.763	0.43	26.483	0.618
180	11.363	34.754	0.45	26.518	0.633
190	11.050	34.734	0.56	26.560	0.649
200	10.956	34.734	0.66	26.577	0.664
250	10.365	34.721	0.91	26.672	0.736
300	9.911	34.708	0.54	26.740	0.806
350	9.462	34.688	0.42	26.799	0.873
400	8.911	34.661	0.39	26.867	0.937
450	8.397	34.640	0.36	26.931	0.999
500	7.938	34.619	0.32	26.984	1.058
550	7.250	34.589	0.35	27.061	1.114
500	6.633	34.567	0.59	27.128	1.166
650	6.103	34.560	0.65	27.192	1.216
700	5.793	34.567	0.54	27.237	1.263
750	5.554	34.567	0.63	27.267	1.308
800	5.241	34.569	0.72	27.306	1.352
900	4.750	34.575	0.92	27.367	1.435
1000	4.307	34.582	1.13	27.421	1.513
1007	4.277	34.582	1.13	27.424	1.518

CAST EP2-91-MB -025 DATE 30 APR 91 TIME 2006 GMT
LAT 07 01.9N LONG 139 57.8W

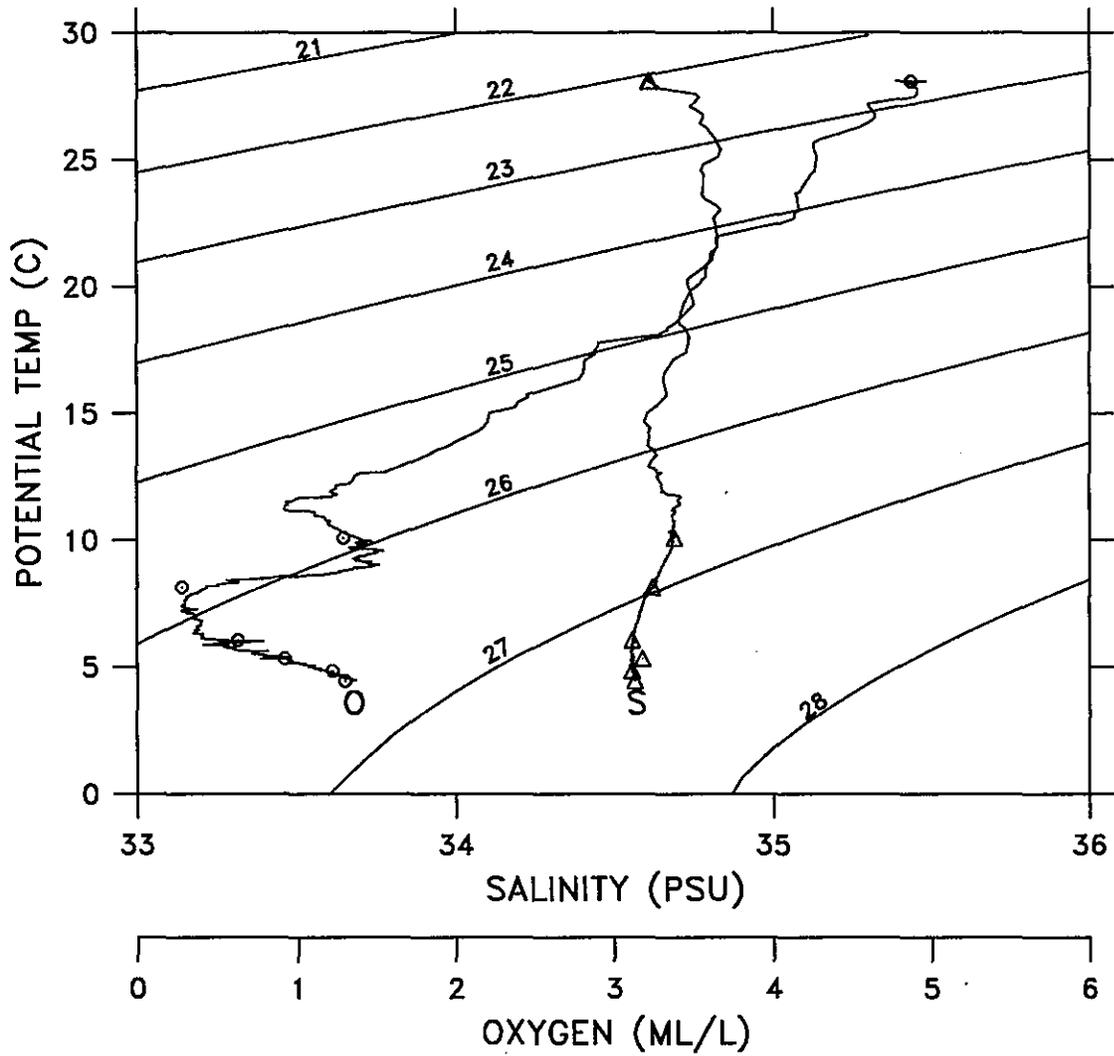


CAST EP2-91-MB -025 DATE 30 APR 91 TIME 2006 GMT
 LAT 07 01.9N LONG 139 57.8W WEATHER 8 SEA STATE 3
 BAROMETER 11 WIND DIR 045 T SPD 22 KT VISIBILITY 7
 CLOUD 8 AMOUNT 6 DRY 26.7 WET 25.4 DEPTH 4922 M

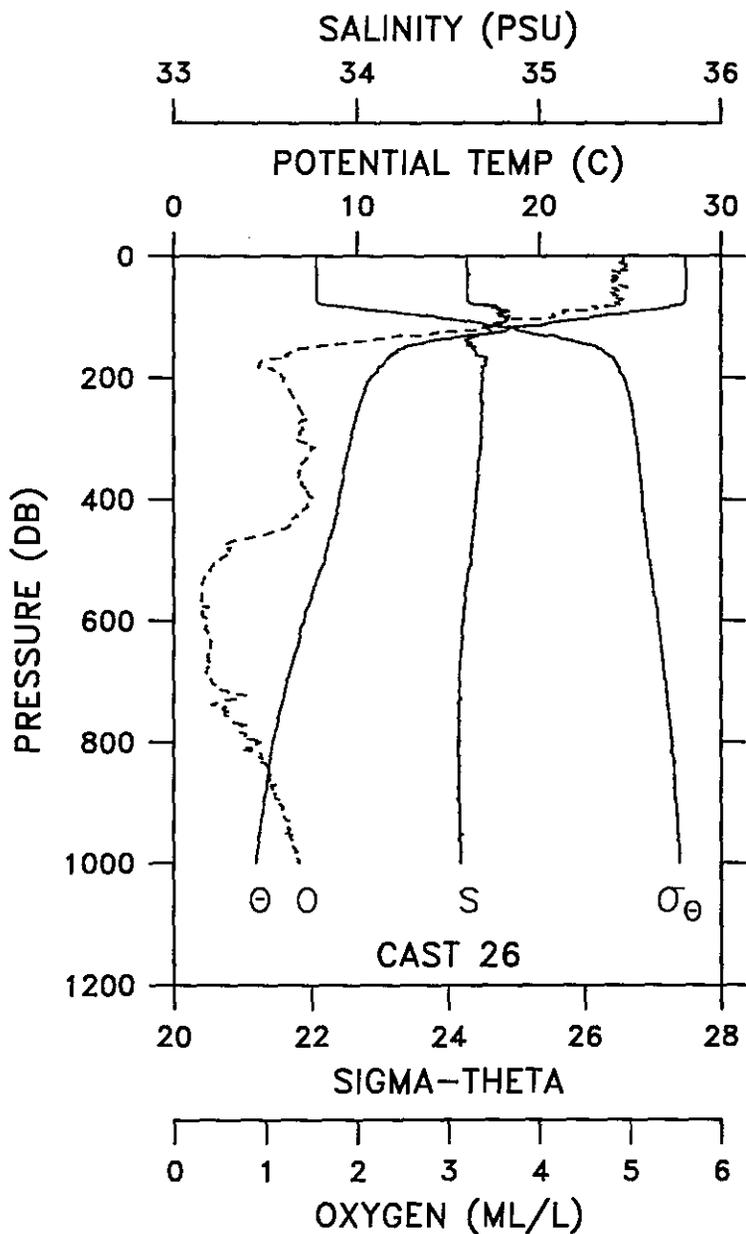


PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.809	34.524	5.03	22.101	0.000
10	27.806	34.523	5.01	22.102	0.057
20	27.797	34.523	5.05	22.104	0.114
30	27.794	34.523	5.01	22.105	0.172
40	27.793	34.522	5.08	22.105	0.229
50	27.788	34.523	4.95	22.107	0.286
60	27.785	34.522	4.93	22.108	0.344
70	24.669	34.516	5.06	23.077	0.400
80	20.172	34.762	3.72	24.536	0.438
90	18.027	34.698	3.48	25.035	0.469
100	16.349	34.694	2.87	25.433	0.497
110	14.714	34.582	2.24	25.712	0.522
120	13.484	34.615	1.76	25.997	0.543
130	12.732	34.633	1.37	26.163	0.563
140	12.167	34.676	0.95	26.306	0.581
150	11.818	34.689	0.91	26.382	0.598
160	11.444	34.707	0.86	26.467	0.614
170	11.227	34.724	0.90	26.520	0.630
180	11.110	34.721	0.88	26.539	0.646
190	10.912	34.723	0.93	26.576	0.661
200	10.751	34.719	0.97	26.602	0.675
250	10.256	34.713	1.07	26.684	0.747
300	9.842	34.698	0.86	26.744	0.817
350	9.396	34.683	0.62	26.806	0.883
400	8.988	34.661	0.42	26.855	0.948
450	8.483	34.642	0.30	26.920	1.010
500	7.928	34.612	0.26	26.980	1.069
550	7.288	34.583	0.31	27.051	1.125
600	6.897	34.579	0.26	27.102	1.179
650	6.466	34.571	0.30	27.153	1.230
700	5.988	34.564	0.37	27.210	1.279
750	5.588	34.559	0.61	27.255	1.325
800	5.279	34.562	0.68	27.295	1.370
900	4.794	34.565	1.06	27.354	1.454
1000	4.406	34.571	1.22	27.402	1.534
1006	4.380	34.571	1.22	27.405	1.539

CAST EP2-91-MB -026 DATE 01 MAY 91 TIME 0808 GMT
LAT 05 59.7N LONG 140 00.4W



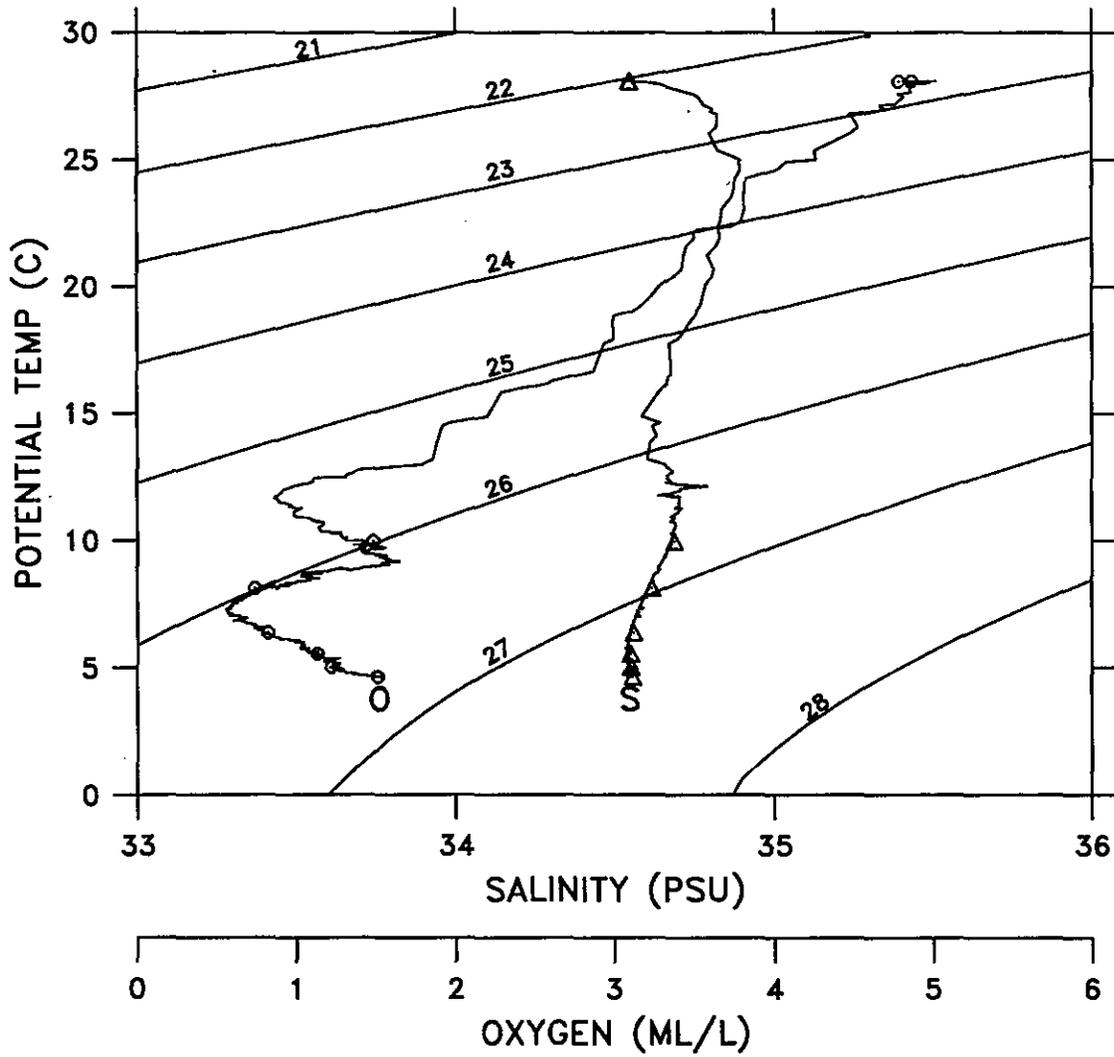
CAST EP2-91-MB -026 DATE 01 MAY 91 TIME 0808 GMT
 LAT 05 59.7N LONG 140 00.4W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 058 T SPD 18 KT VISIBILITY 7
 CLOUD 4 AMOUNT 5 DRY 27.1 WET 25.7 DEPTH 4841 M

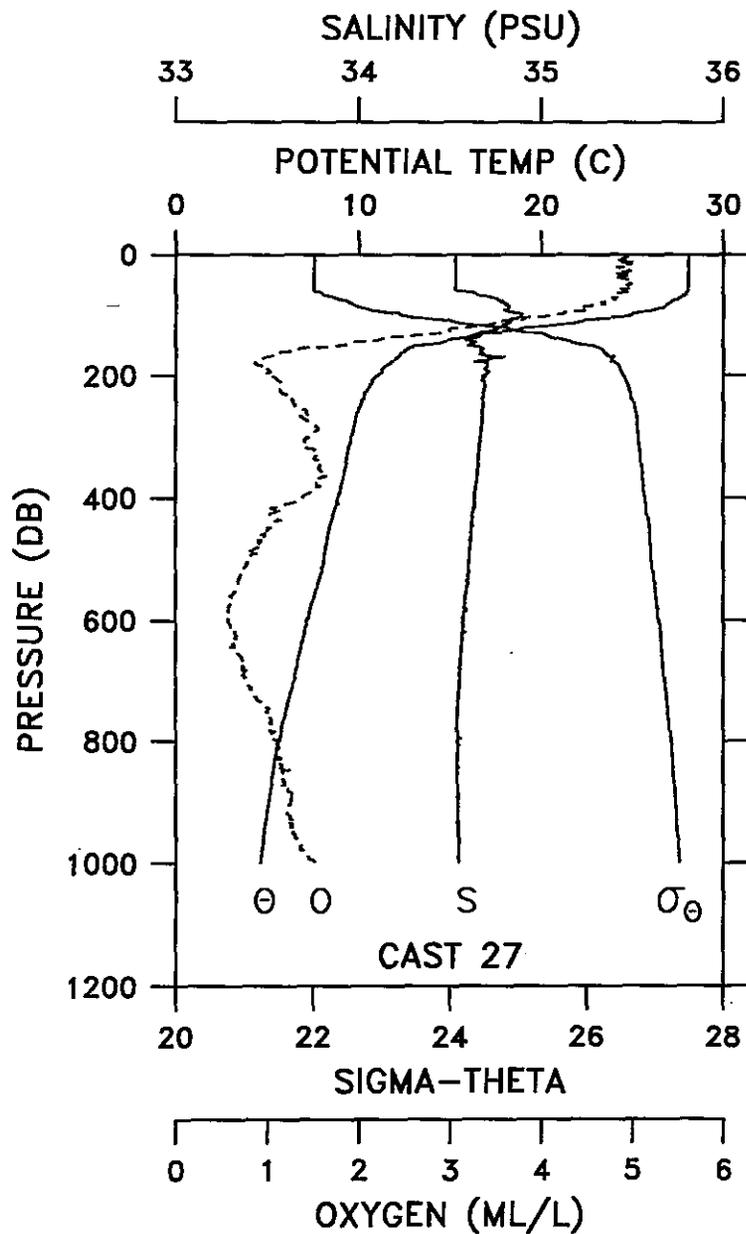


PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.081	34.606	4.92	22.074	0.000
10	28.078	34.605	4.92	22.075	0.057
20	28.084	34.605	4.90	22.072	0.115
30	28.081	34.604	4.87	22.073	0.172
40	28.084	34.605	4.82	22.072	0.230
50	28.081	34.605	4.95	22.073	0.288
60	28.077	34.606	4.79	22.075	0.345
70	28.061	34.608	4.88	22.082	0.403
80	27.807	34.644	4.91	22.192	0.460
90	25.668	34.824	4.26	23.006	0.513
100	23.009	34.834	4.17	23.807	0.558
110	20.598	34.789	3.53	24.443	0.597
120	18.338	34.722	3.33	24.977	0.629
130	16.349	34.655	2.78	25.403	0.658
140	14.063	34.610	2.06	25.873	0.681
150	12.659	34.650	1.47	26.190	0.701
160	12.052	34.650	1.25	26.308	0.719
170	11.641	34.706	1.00	26.429	0.736
180	11.338	34.699	0.92	26.480	0.752
190	11.091	34.692	1.11	26.519	0.768
200	10.762	34.691	1.21	26.578	0.783
250	10.101	34.682	1.37	26.687	0.855
300	9.676	34.678	1.34	26.756	0.923
350	9.286	34.664	1.38	26.809	0.990
400	9.001	34.651	1.47	26.845	1.054
450	8.651	34.639	1.16	26.891	1.118
500	8.217	34.624	0.50	26.946	1.178
550	7.620	34.595	0.30	27.012	1.237
600	7.094	34.581	0.36	27.076	1.292
650	6.633	34.568	0.39	27.129	1.344
700	6.141	34.561	0.40	27.188	1.394
750	5.767	34.558	0.56	27.233	1.442
800	5.365	34.553	0.94	27.278	1.488
900	4.896	34.557	1.15	27.336	1.574
1000	4.466	34.565	1.37	27.390	1.655
1005	4.443	34.565	1.35	27.393	1.659

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CAST EP2-91-MB -027 DATE 01 MAY 91 TIME 1339 GMT
LAT 05 05.0N LONG 140 00.0W

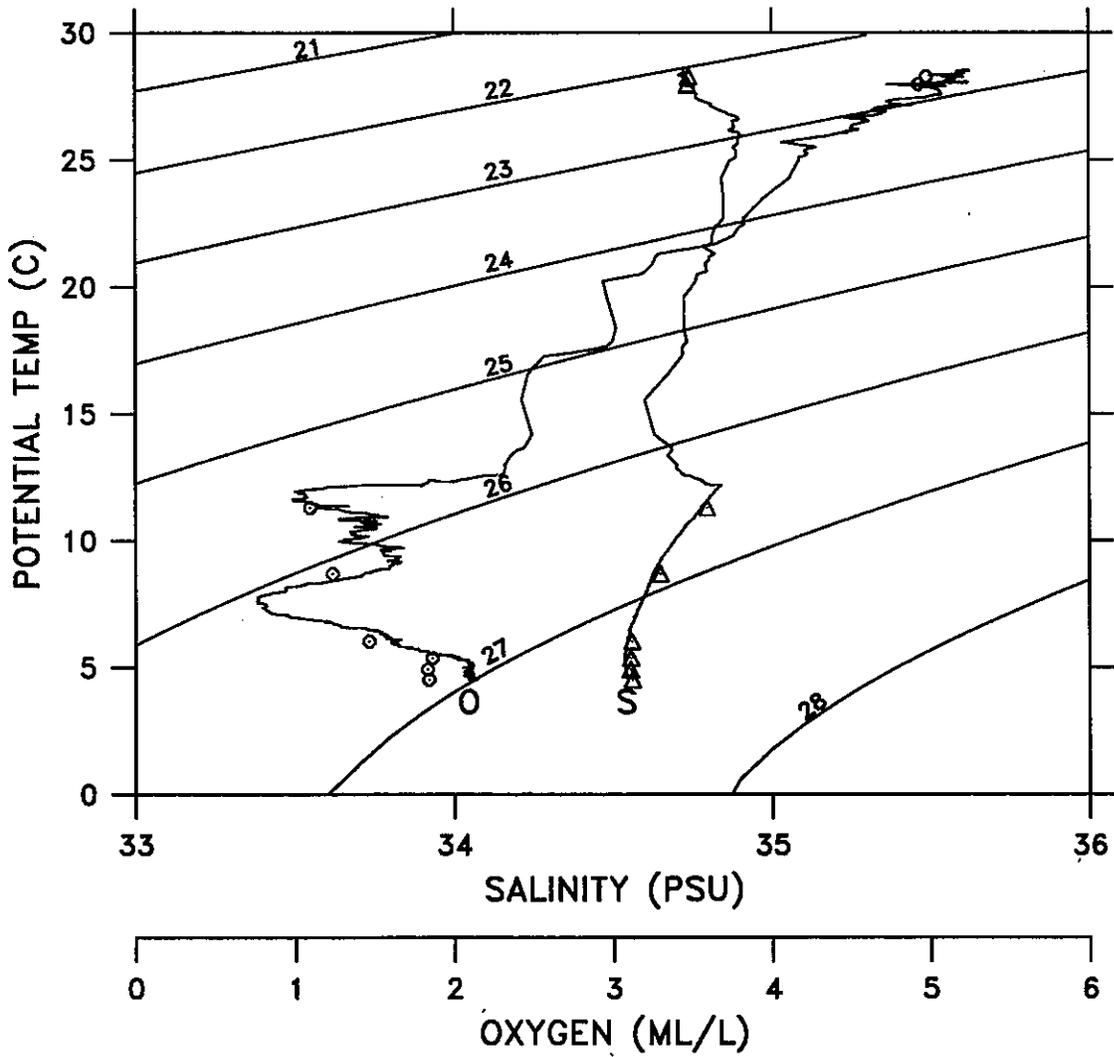


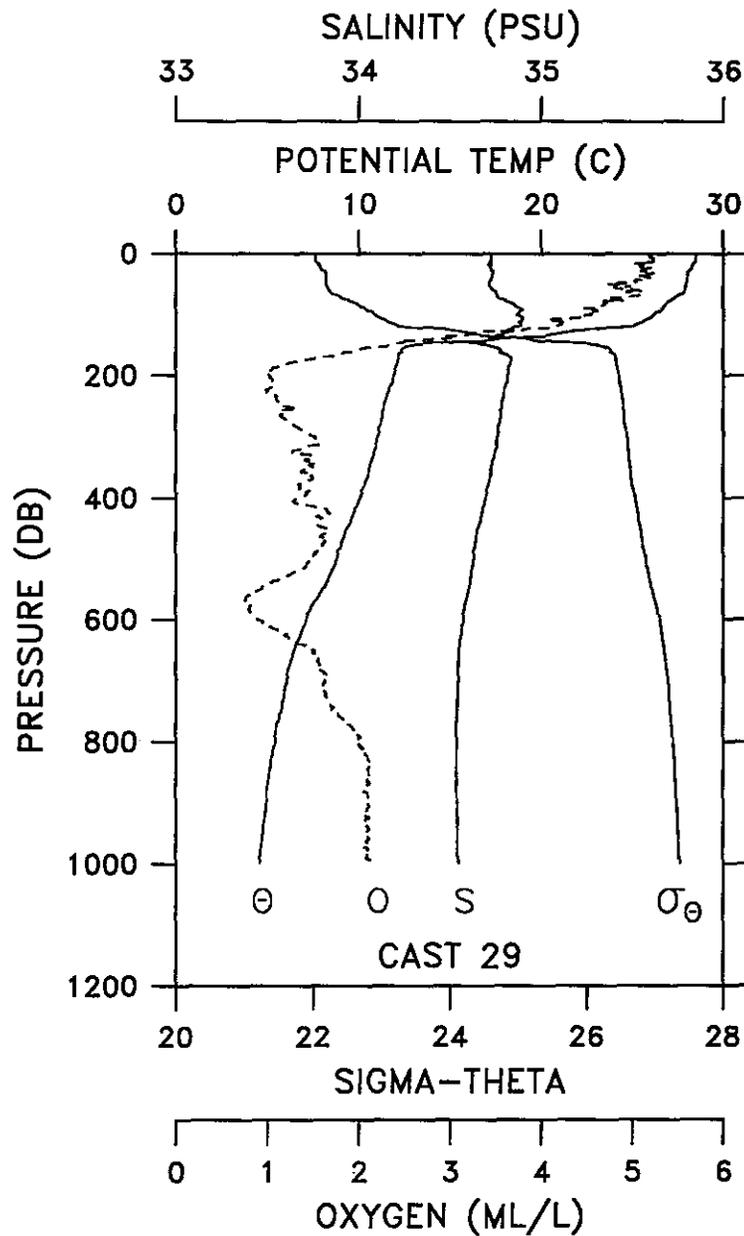


CAST EP2-91-MB -027 DATE 01 MAY 91 TIME 1339 GMT
 LAT 05 05.0N LONG 140 00.0W WEATHER 5 SEA STATE 3
 BAROMETER 08 WIND DIR 032 T SPD 08 KT VISIBILITY 8
 CLOUD 8 AMOUNT 8 DRY 27.0 WET 27.5 DEPTH 4432 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.088	34.530	4.94	22.015	0.000
10	28.089	34.530	4.86	22.014	0.058
20	28.092	34.530	4.90	22.014	0.116
30	28.091	34.530	4.97	22.014	0.174
40	28.089	34.530	4.91	22.015	0.232
50	28.087	34.531	4.94	22.016	0.290
60	28.088	34.561	4.94	22.038	0.349
70	27.651	34.729	4.86	22.306	0.405
80	27.059	34.799	4.67	22.549	0.460
90	26.276	34.819	4.52	22.813	0.512
100	24.931	34.888	4.08	23.279	0.560
110	22.257	34.827	3.52	24.016	0.603
120	19.281	34.771	3.18	24.775	0.639
130	16.585	34.677	2.82	25.365	0.669
140	15.135	34.600	2.22	25.635	0.694
150	13.211	34.603	1.85	26.043	0.717
160	12.478	34.669	1.16	26.241	0.735
170	12.105	34.752	0.96	26.377	0.753
180	11.681	34.704	0.86	26.420	0.770
190	11.255	34.693	1.02	26.491	0.786
200	10.983	34.683	0.99	26.532	0.801
250	10.085	34.679	1.31	26.687	0.874
300	9.600	34.666	1.43	26.759	0.943
350	9.275	34.653	1.57	26.802	1.009
400	8.866	34.636	1.36	26.854	1.073
450	8.382	34.617	1.01	26.915	1.134
500	8.128	34.607	0.81	26.947	1.194
550	7.653	34.590	0.65	27.003	1.253
600	7.172	34.574	0.57	27.059	1.309
650	6.805	34.561	0.67	27.100	1.363
700	6.461	34.549	0.77	27.136	1.415
750	6.011	34.544	1.01	27.191	1.465
800	5.611	34.539	1.09	27.237	1.512
900	5.084	34.544	1.25	27.304	1.602
1000	4.633	34.550	1.51	27.360	1.687
1004	4.624	34.549	1.52	27.361	1.690

CAST EP2-91-MB -029 DATE 02 MAY 91 TIME 0613 GMT
LAT 03 00.3N LONG 139 59.9W

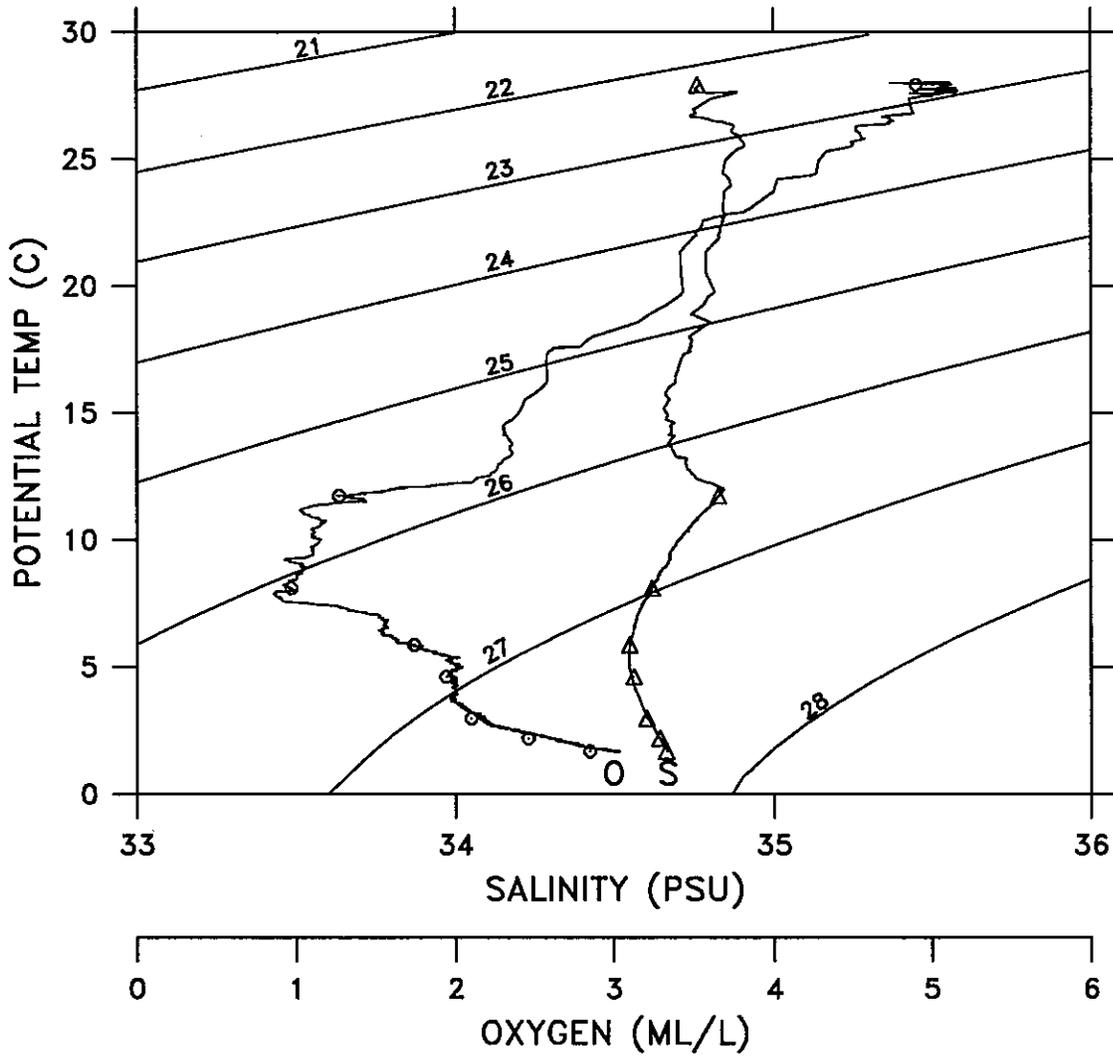


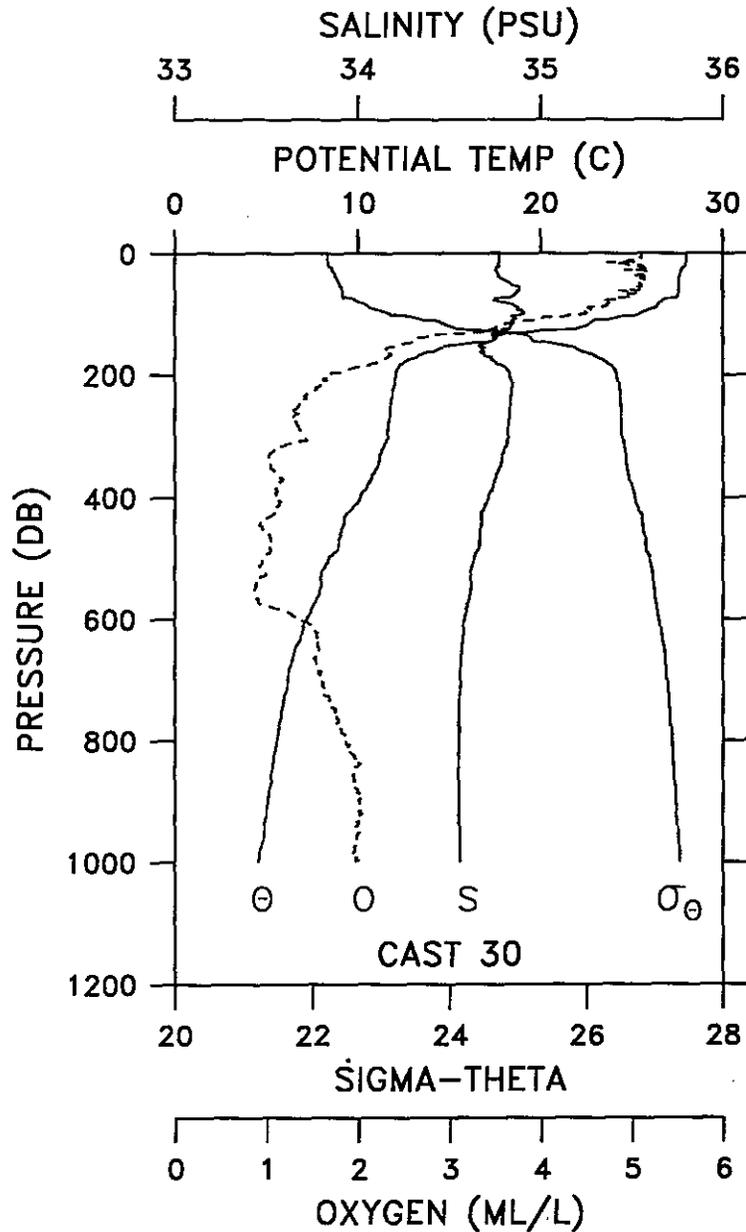


CAST EP2-91-MB -029 DATE 02 MAY 91 TIME 0613 GMT
 LAT 03 00.3N LONG 139 59.9W WEATHER 0 SEA STATE 3
 BAROMETER 10 WIND DIR 077 T SPD 10 KT VISIBILITY 7
 CLOUD 0 AMOUNT 0 DRY 27.1 WET 25.8 DEPTH 4284 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.496	34.723	5.18	22.026	0.000
10	28.496	34.723	5.22	22.025	0.058
20	28.263	34.722	5.08	22.101	0.116
30	28.050	34.736	5.23	22.182	0.173
40	28.021	34.729	5.15	22.186	0.229
50	27.969	34.715	4.74	22.192	0.286
60	27.889	34.737	5.08	22.235	0.342
70	27.454	34.759	4.98	22.393	0.398
80	26.933	34.837	4.64	22.618	0.451
90	26.646	34.892	4.46	22.751	0.503
100	26.158	34.863	4.52	22.883	0.554
110	25.646	34.892	4.11	23.063	0.603
120	24.576	34.852	4.14	23.359	0.651
130	21.169	34.799	3.26	24.297	0.691
140	17.656	34.718	2.96	25.141	0.724
150	12.982	34.699	2.32	26.164	0.749
160	12.316	34.780	1.96	26.358	0.766
170	12.191	34.831	1.55	26.422	0.783
180	12.113	34.833	1.23	26.439	0.799
190	11.990	34.821	1.05	26.452	0.815
200	11.901	34.815	1.02	26.464	0.832
250	11.374	34.783	1.20	26.538	0.911
300	11.006	34.757	1.52	26.586	0.987
350	10.598	34.726	1.50	26.634	1.062
400	10.034	34.693	1.31	26.707	1.135
450	9.370	34.654	1.66	26.787	1.204
500	8.798	34.628	1.49	26.860	1.270
550	8.006	34.603	0.93	26.962	1.332
600	7.089	34.571	0.88	27.068	1.388
650	6.467	34.548	1.47	27.135	1.441
700	6.040	34.544	1.62	27.187	1.491
750	5.765	34.539	1.72	27.218	1.539
800	5.399	34.535	2.03	27.260	1.585
900	4.913	34.540	2.10	27.321	1.672
1000	4.530	34.545	2.14	27.368	1.756
1007	4.502	34.545	2.09	27.371	1.761

CAST EP2-91-MB -030 DATE 02 MAY 91 TIME 1144 GMT
LAT 02 04.4N LONG 140 01.2W

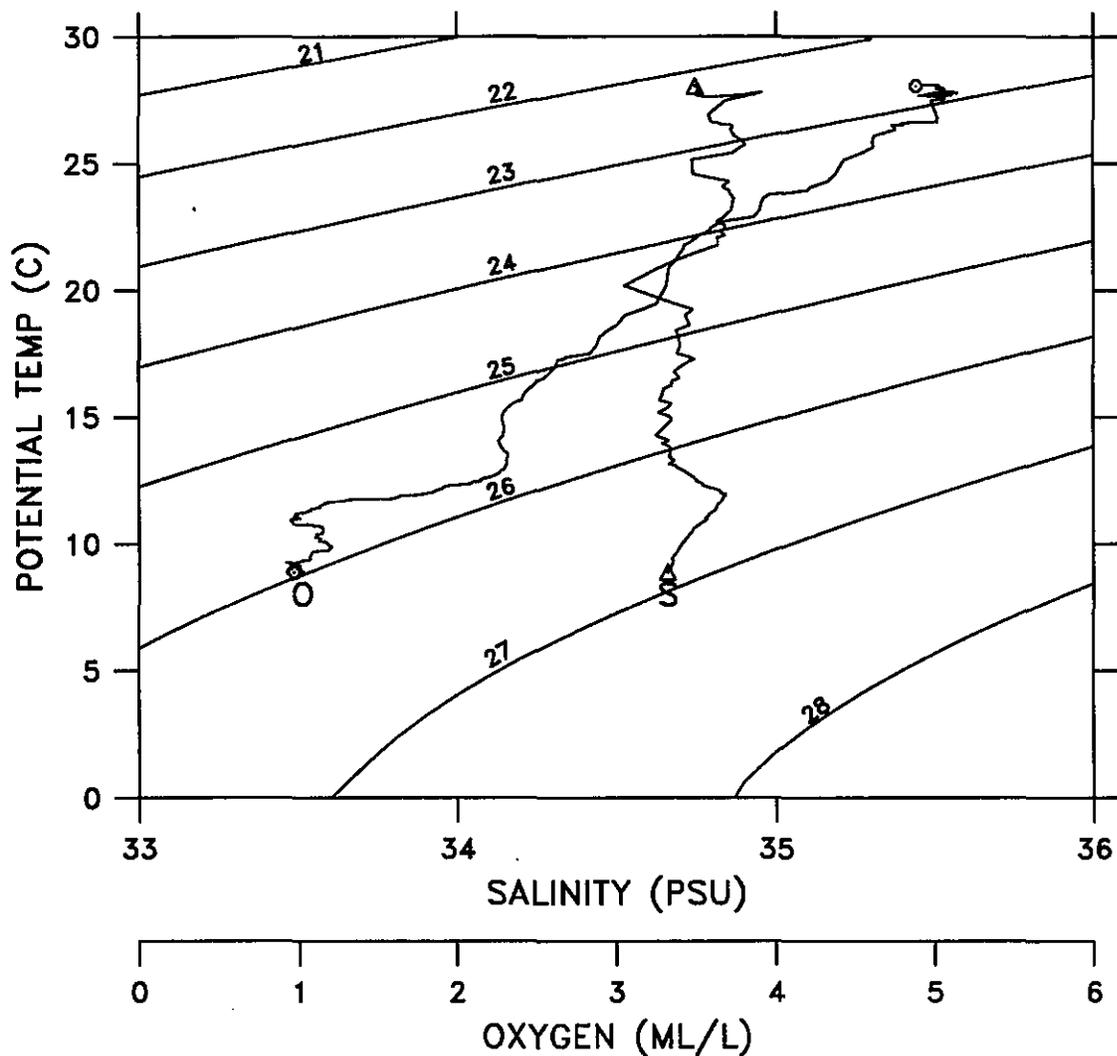




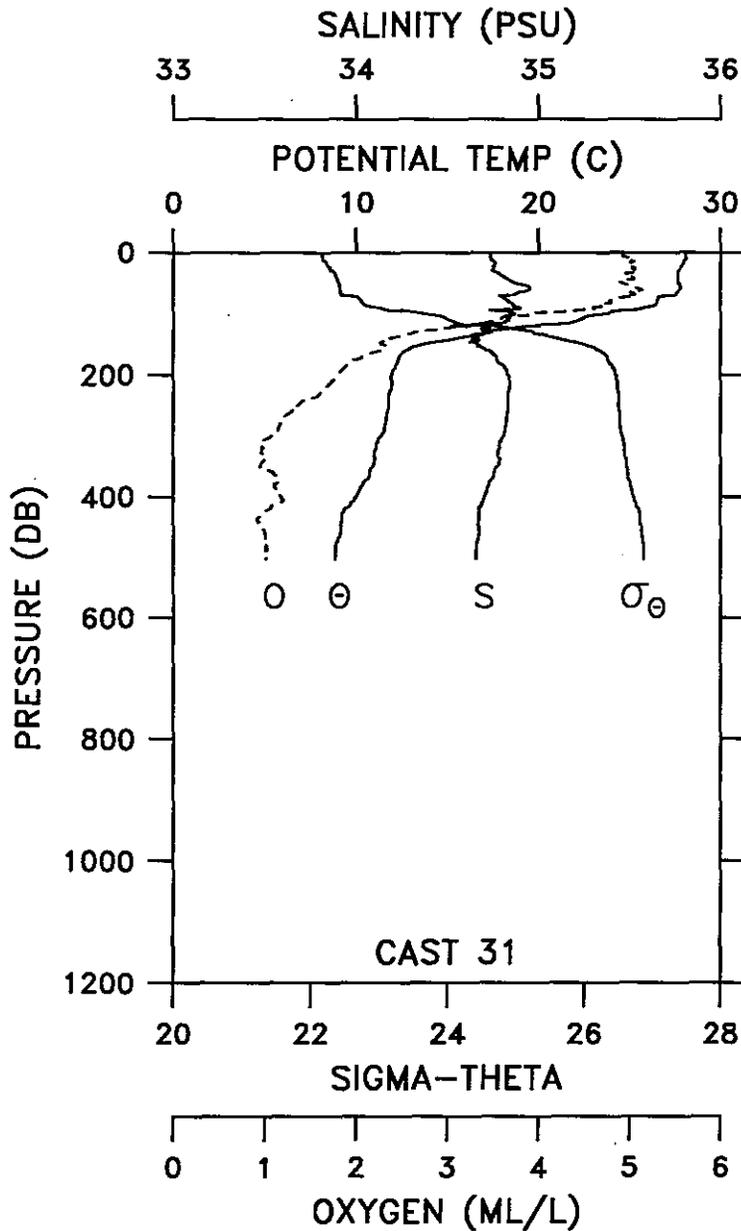
CAST EP2-91-MB -030 DATE 02 MAY 91 TIME 1144 GMT
 LAT 02 04.4N LONG 140 01.2W WEATHER 6 SEA STATE 3
 BAROMETER 10 WIND DIR 067 T SPD 10 KT VISIBILITY 7
 CLOUD 4 AMOUNT 7 DRY 27.0 WET 25.9 DEPTH 4365 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.994	34.773	5.10	22.228	0.000
10	27.995	34.773	5.11	22.228	0.056
20	27.931	34.769	5.03	22.245	0.112
30	27.709	34.760	5.14	22.311	0.167
40	27.612	34.775	5.16	22.354	0.223
50	27.616	34.840	5.08	22.401	0.277
60	27.602	34.882	5.08	22.437	0.332
70	27.493	34.845	5.01	22.445	0.386
80	26.636	34.772	4.71	22.664	0.439
90	26.300	34.877	4.53	22.848	0.490
100	25.467	34.907	4.48	23.130	0.539
110	23.716	34.847	4.00	23.611	0.584
120	22.421	34.838	3.56	23.977	0.625
130	19.256	34.781	3.33	24.790	0.662
140	17.541	34.740	2.62	25.186	0.691
150	15.744	34.663	2.50	25.547	0.718
160	14.221	34.682	2.32	25.896	0.741
170	13.247	34.715	2.33	26.123	0.761
180	12.513	34.754	2.21	26.299	0.779
190	12.184	34.813	1.93	26.409	0.796
200	12.067	34.830	1.68	26.445	0.813
250	11.765	34.832	1.36	26.504	0.893
300	11.622	34.820	1.41	26.522	0.972
350	11.056	34.778	1.04	26.593	1.049
400	10.111	34.713	1.10	26.709	1.123
450	9.135	34.672	0.96	26.840	1.190
500	8.393	34.634	0.97	26.927	1.253
550	7.891	34.613	0.86	26.987	1.312
600	7.206	34.582	1.35	27.061	1.369
650	6.532	34.565	1.57	27.140	1.422
700	6.153	34.557	1.60	27.184	1.472
750	5.820	34.552	1.75	27.221	1.520
800	5.553	34.549	1.86	27.252	1.566
900	5.080	34.550	2.01	27.309	1.655
1000	4.549	34.558	1.98	27.376	1.739
1500	2.968	34.610	2.17	27.576	2.085
2000	2.198	34.643	2.59	27.670	2.367
2500	1.676	34.670	3.00	27.733	2.613
2507	1.674	34.670	3.00	27.733	2.616

CAST EP2-91-MB -031 DATE 03 MAY 91 TIME 0552 GMT
LAT 01 59.8N LONG 140 03.3W

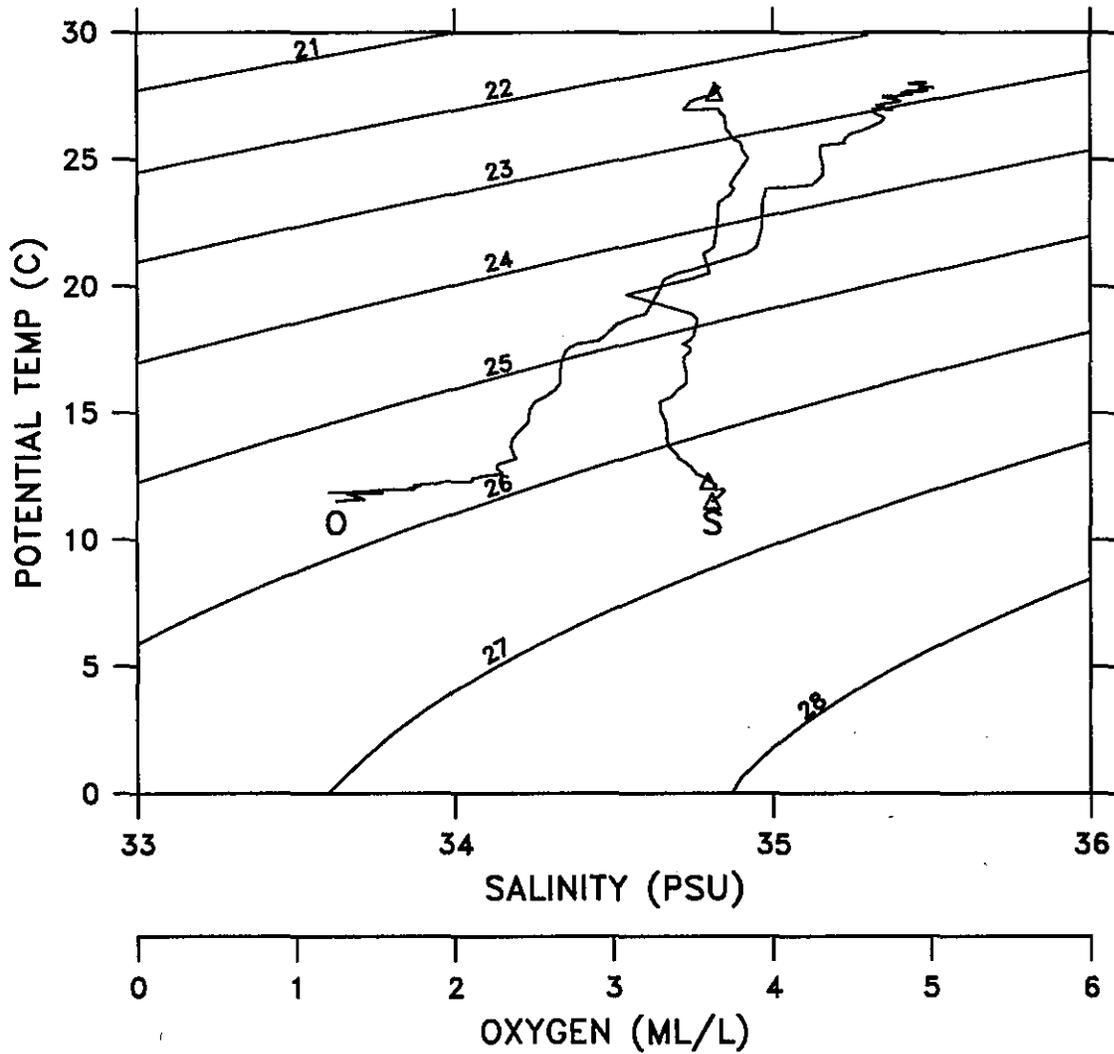


CAST EP2-91-MB -031 DATE 03 MAY 91 TIME 0552 GMT
 LAT 01 59.8N LONG 140 03.3W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 132 T SPD 10 KT VISIBILITY 7
 CLOUD 4 AMOUNT 4 DRY 27.1 WET 26.1 DEPTH 4359 M

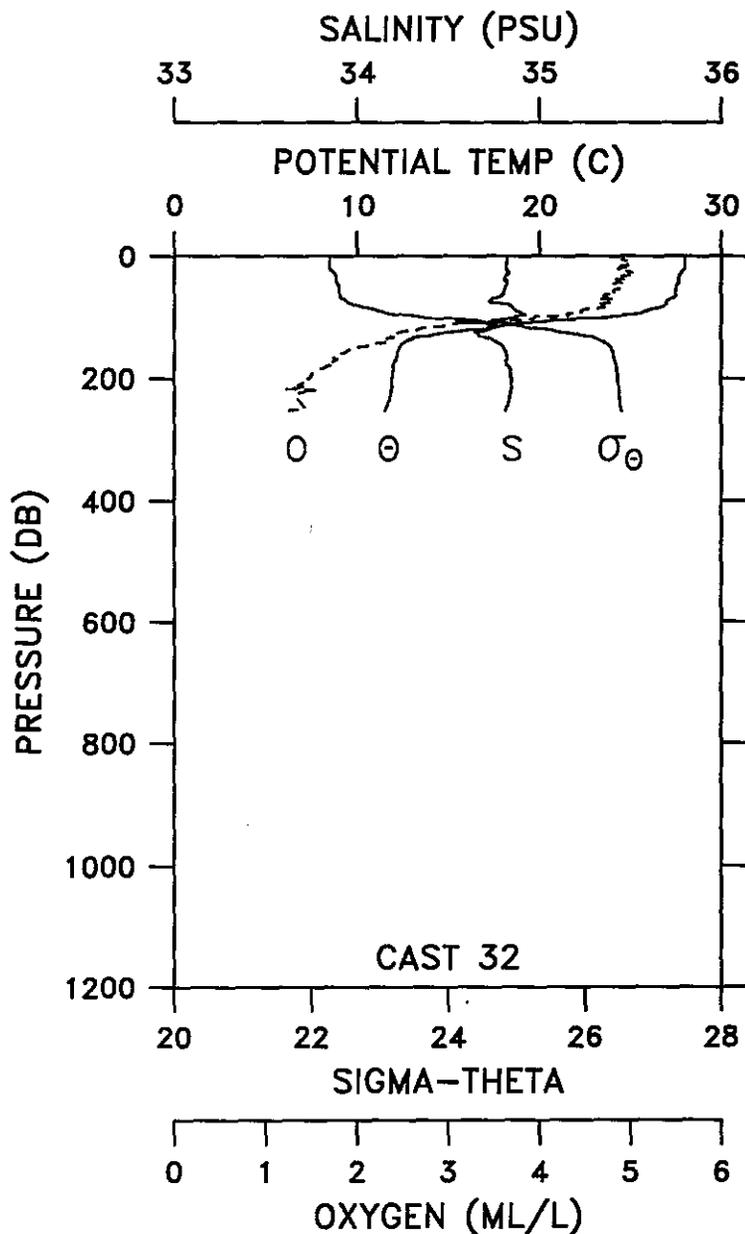


PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.090	34.733	4.92	22.167	0.000
10	28.092	34.737	5.02	22.169	0.057
20	27.922	34.757	5.05	22.240	0.113
30	27.695	34.748	5.03	22.307	0.168
40	27.640	34.811	5.03	22.371	0.223
50	27.675	34.871	4.92	22.406	0.278
60	27.801	34.953	5.12	22.426	0.332
70	27.472	34.839	4.97	22.447	0.386
80	26.527	34.840	4.79	22.749	0.438
90	25.886	34.896	4.61	22.993	0.489
100	23.614	34.868	3.92	23.657	0.535
110	22.265	34.829	3.56	24.015	0.576
120	19.475	34.678	3.25	24.654	0.614
130	17.273	34.740	2.65	25.250	0.643
140	15.534	34.671	2.36	25.601	0.670
150	13.661	34.666	2.30	26.000	0.692
160	12.783	34.723	2.26	26.223	0.711
170	12.350	34.768	2.08	26.342	0.729
180	12.252	34.781	1.93	26.371	0.746
190	12.073	34.825	1.86	26.440	0.762
200	11.970	34.834	1.79	26.467	0.779
250	11.762	34.831	1.36	26.504	0.858
300	11.367	34.809	1.07	26.560	0.937
350	10.892	34.774	0.94	26.620	1.012
400	9.998	34.703	1.18	26.721	1.085
450	9.158	34.672	0.97	26.836	1.152
500	8.864	34.658	1.01	26.872	1.216
503	8.862	34.659	1.02	26.873	1.220

CAST EP2-91-MB -032 DATE 03 MAY 91 TIME 1603 GMT
LAT 02 23.5N LONG 140 02.2W

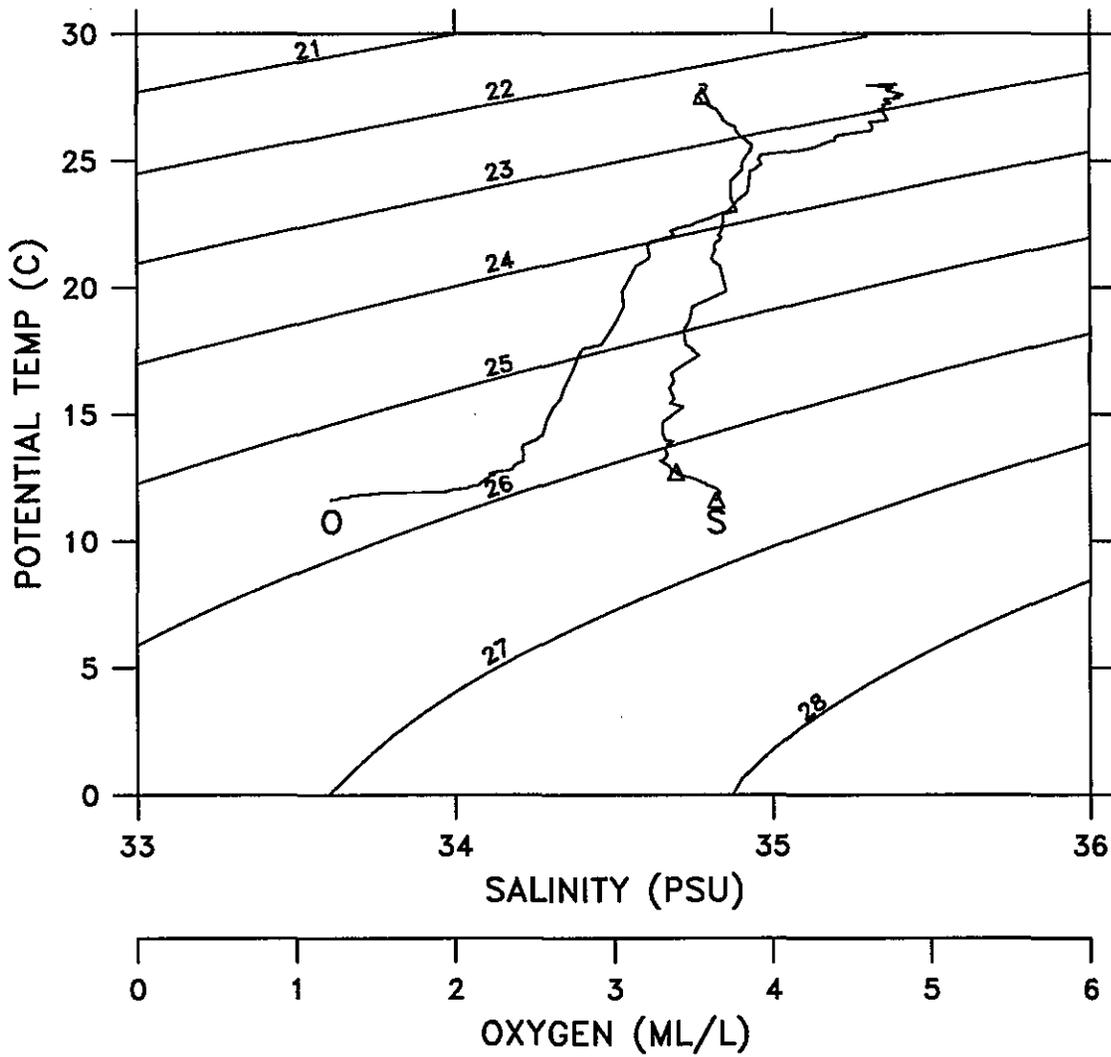


CAST EP2-91-MB -032 DATE 03 MAY 91 TIME 1603 GMT
 LAT 02 23.5N LONG 140 02.2W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 110 T SPD 17 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 26.0 WET 25.2 DEPTH 4300 M

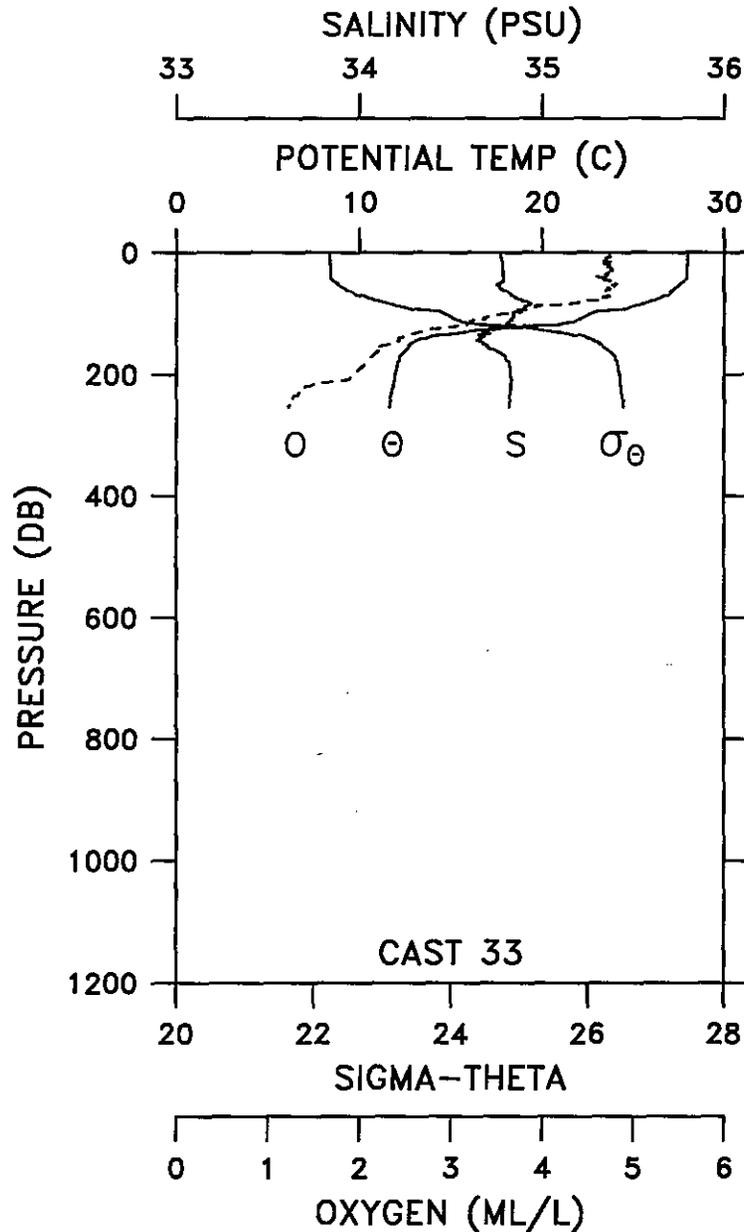


PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.998	34.821	4.91	22.263	0.000
10	27.996	34.819	4.94	22.262	0.056
20	27.995	34.817	4.95	22.261	0.111
30	27.758	34.832	4.93	22.349	0.167
40	27.677	34.808	4.85	22.358	0.221
50	27.550	34.816	4.87	22.405	0.276
60	27.513	34.807	4.82	22.410	0.331
70	27.277	34.742	4.81	22.437	0.385
80	26.919	34.834	4.65	22.621	0.439
90	25.894	34.869	4.47	22.969	0.489
100	23.836	34.878	3.96	23.599	0.536
110	18.904	34.746	3.20	24.853	0.574
120	16.586	34.730	2.67	25.405	0.603
130	14.005	34.668	2.37	25.930	0.626
140	12.706	34.755	2.29	26.262	0.645
150	12.305	34.801	2.01	26.376	0.662
160	12.204	34.815	1.84	26.407	0.679
170	12.113	34.818	1.77	26.427	0.695
180	11.987	34.829	1.67	26.459	0.712
190	11.954	34.842	1.53	26.475	0.728
200	11.921	34.847	1.47	26.486	0.743
250	11.573	34.818	1.36	26.529	0.823
253	11.526	34.814	1.26	26.534	0.827

CAST EP2-91-MB -033 DATE 04 MAY 91 TIME 1602 GMT
LAT 02 04.2N LONG 140 35.1W

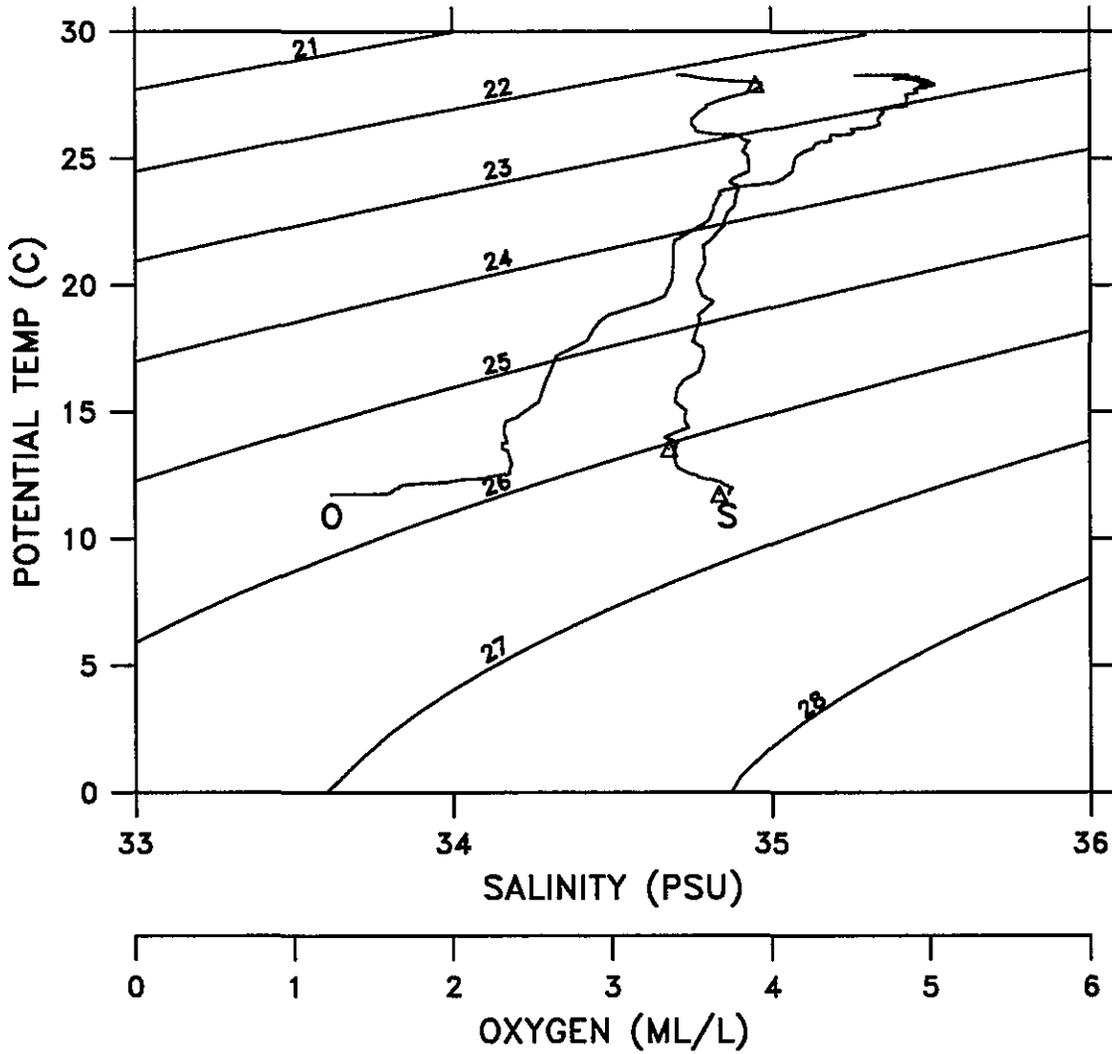


CAST EP2-91-MB -033 DATE 04 MAY 91 TIME 1602 GMT
 LAT 02 04.2N LONG 140 35.1W WEATHER 1 SEA STATE 2
 BAROMETER 10 WIND DIR 110 T SPD 13 KT VISIBILITY 6
 CLOUD 8 AMOUNT 3 DRY 27.3 WET 26.0 DEPTH 4150 M

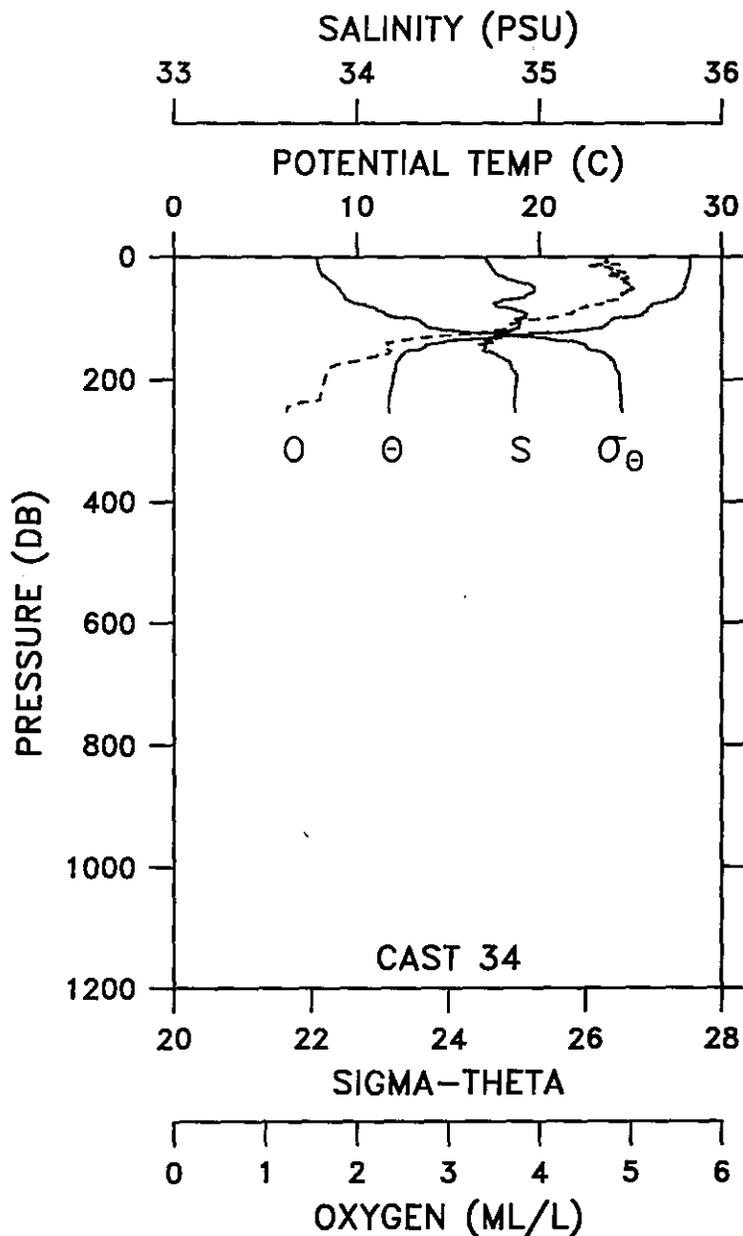


PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.982	34.771	4.73	22.231	0.000
10	27.985	34.776	4.69	22.233	0.056
20	27.980	34.784	4.73	22.241	0.112
30	27.973	34.786	4.77	22.245	0.168
40	27.963	34.789	4.62	22.250	0.224
50	27.627	34.772	4.80	22.346	0.279
60	27.269	34.784	4.74	22.471	0.334
70	26.805	34.835	4.71	22.657	0.387
80	25.903	34.904	4.40	22.993	0.437
90	24.746	34.903	3.91	23.347	0.485
100	22.637	34.843	3.56	23.920	0.527
110	21.964	34.837	3.34	24.105	0.567
120	19.236	34.745	3.06	24.767	0.603
130	15.606	34.688	2.67	25.598	0.631
140	13.642	34.659	2.43	25.999	0.653
150	12.766	34.678	2.32	26.191	0.672
160	12.477	34.745	2.21	26.300	0.690
170	12.181	34.794	2.14	26.395	0.707
180	12.079	34.820	2.07	26.435	0.724
190	12.023	34.825	2.00	26.449	0.740
200	11.940	34.829	1.93	26.468	0.756
250	11.639	34.820	1.23	26.518	0.836
253	11.618	34.817	1.22	26.520	0.841

CAST EP2-91-MB -034 DATE 05 MAY 91 TIME 1606 GMT
LAT 02 01.1N LONG 139 33.2W

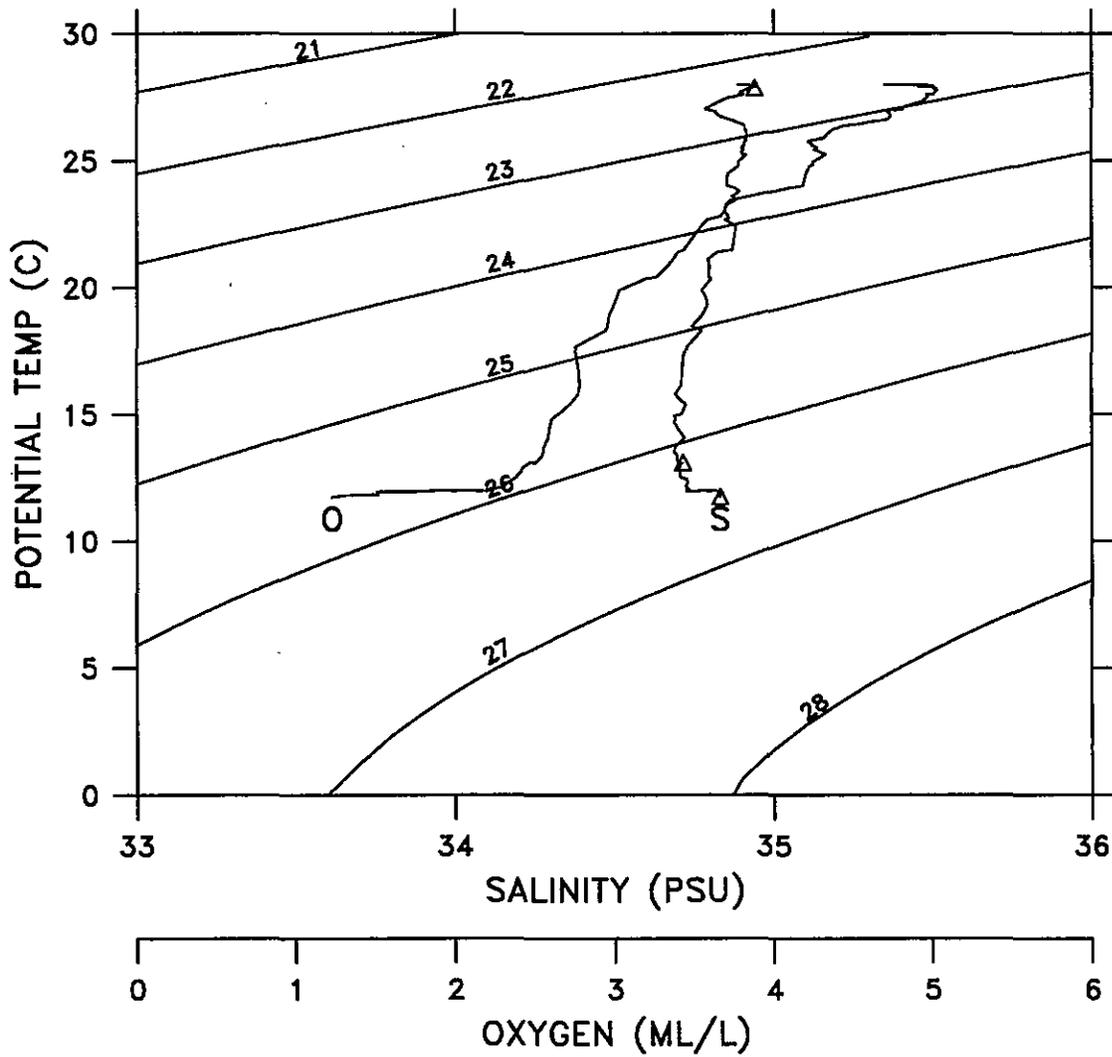


CAST EP2-91-MB -034 DATE 05 MAY 91 TIME 1606 GMT
 LAT 02 01.1N LONG 139 33.2W WEATHER 1 SEA STATE 3
 BAROMETER 08 WIND DIR 055 T SPD 08 KT VISIBILITY 7
 CLOUD 8 AMOUNT 5 DRY 28.0 WET 26.2 DEPTH 4175 M

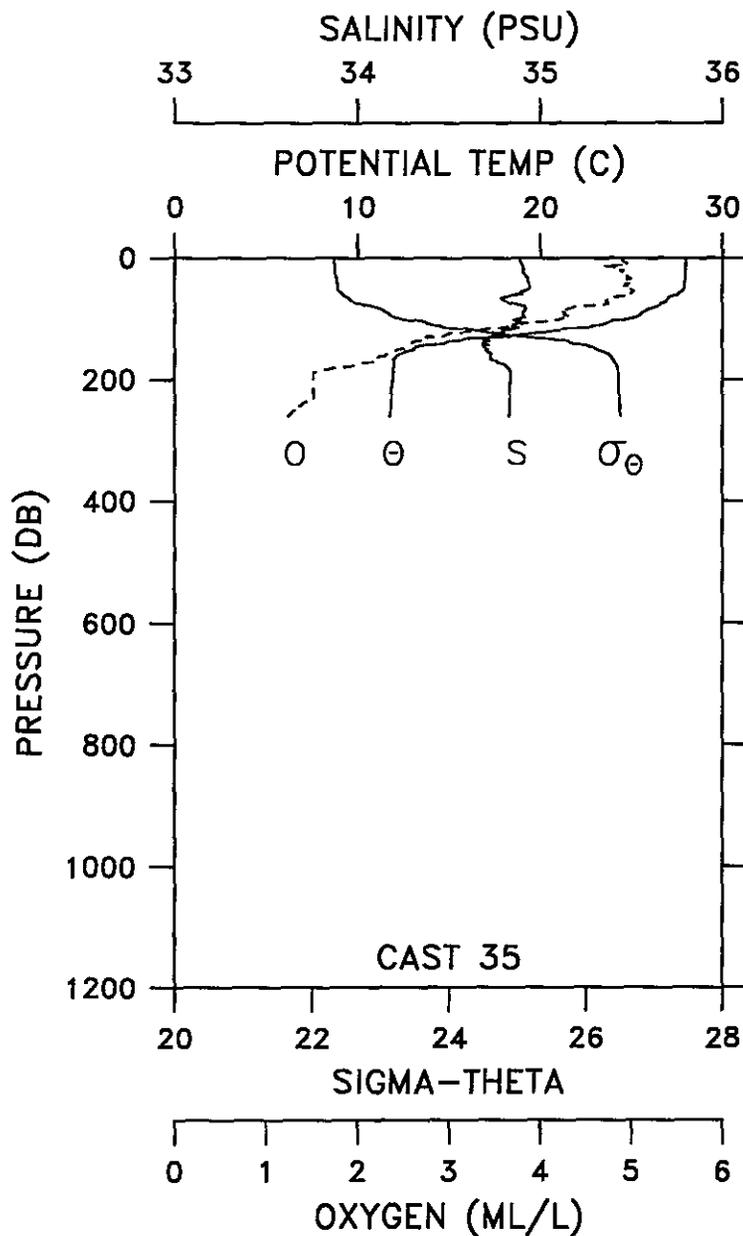


PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.284	34.707	4.73	22.083	0.000
10	28.280	34.718	4.77	22.093	0.057
20	28.252	34.742	4.78	22.121	0.115
30	28.183	34.771	4.89	22.165	0.171
40	28.052	34.874	4.99	22.285	0.228
50	27.971	34.966	5.02	22.381	0.283
60	27.715	34.952	4.91	22.453	0.337
70	27.085	34.793	4.86	22.537	0.391
80	26.164	34.761	4.53	22.804	0.443
90	25.736	34.912	4.38	23.051	0.493
100	24.215	34.882	4.07	23.490	0.540
110	23.673	34.893	3.67	23.658	0.583
120	22.383	34.853	3.57	24.000	0.625
130	17.786	34.752	2.84	25.135	0.658
140	14.380	34.740	2.32	25.907	0.683
150	13.552	34.698	2.31	26.048	0.704
160	12.463	34.767	2.25	26.319	0.722
170	12.225	34.838	1.97	26.420	0.739
180	12.139	34.849	1.72	26.445	0.755
190	12.001	34.871	1.66	26.490	0.771
200	11.970	34.874	1.64	26.498	0.787
250	11.751	34.865	1.24	26.532	0.865
252	11.747	34.865	1.24	26.533	0.868

CAST EP2-91-MB -035 DATE 06 MAY 91 TIME 1604 GMT
LAT 01 40.4N LONG 140 05.2W

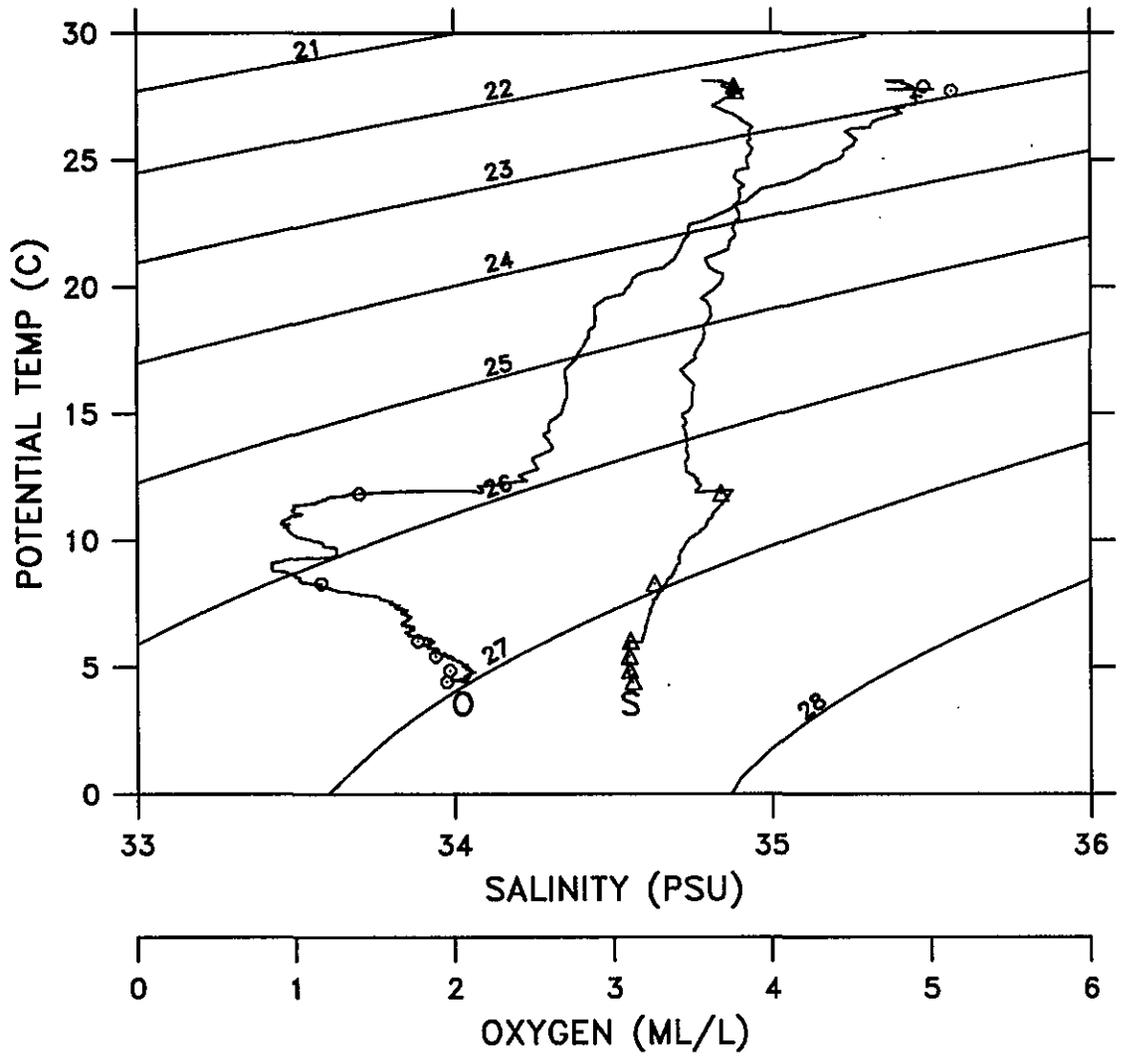


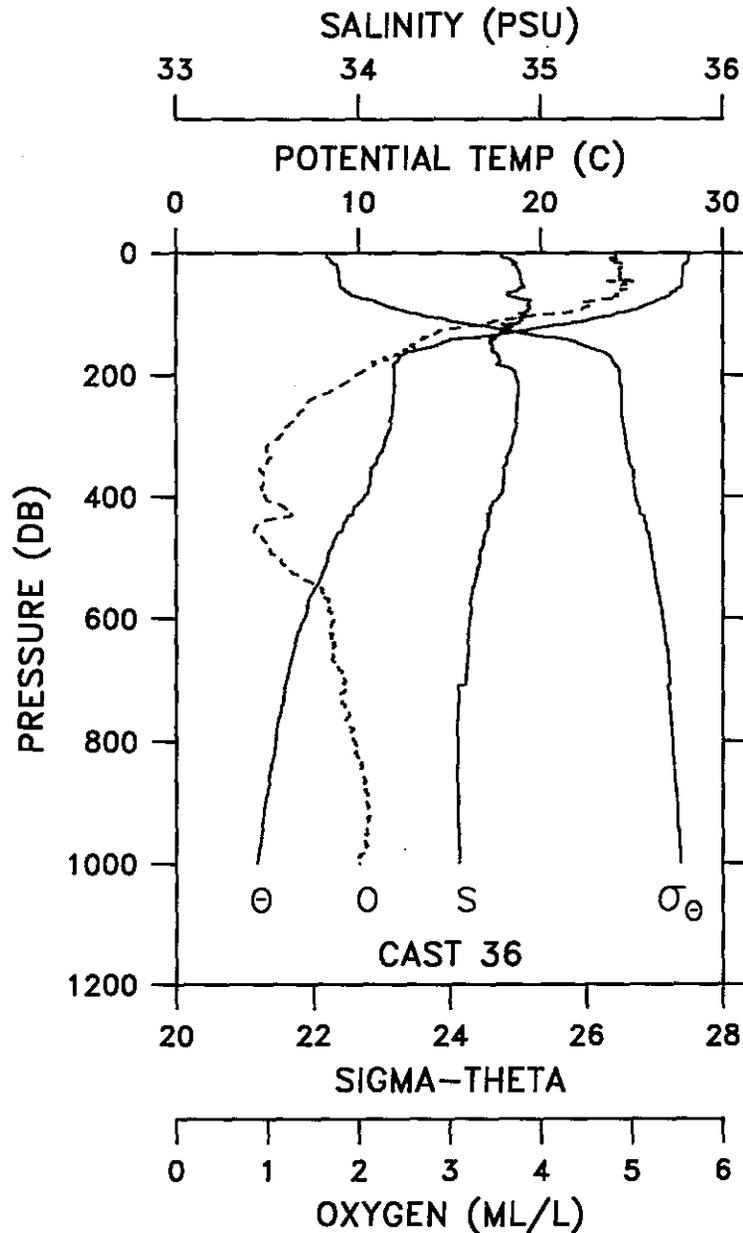
CAST EP2-91-MB -035 DATE 06 MAY 91 TIME 1604 GMT
 LAT 01 40.4N LONG 140 05.2W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 120 T SPD 15 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 27.3 WET 26.8 DEPTH 4175 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.983	34.888	4.90	22.318	0.000
10	27.982	34.896	4.90	22.325	0.055
20	27.980	34.904	4.88	22.331	0.110
30	27.981	34.919	4.96	22.342	0.165
40	27.937	34.936	5.01	22.369	0.220
50	27.913	34.943	4.97	22.383	0.275
60	27.585	34.900	4.97	22.457	0.329
70	26.970	34.808	4.72	22.585	0.383
80	26.247	34.911	4.38	22.891	0.434
90	25.569	34.906	4.26	23.098	0.483
100	24.861	34.891	4.25	23.303	0.530
110	23.261	34.852	3.70	23.748	0.574
120	20.616	34.795	3.29	24.443	0.613
130	17.663	34.726	2.75	25.146	0.645
140	14.813	34.693	2.61	25.777	0.689
150	13.092	34.708	2.46	26.149	0.690
160	12.126	34.723	2.30	26.350	0.708
170	11.964	34.759	2.19	26.410	0.724
180	11.953	34.824	1.77	26.462	0.741
190	11.943	34.836	1.51	26.474	0.757
200	11.922	34.838	1.52	26.478	0.773
250	11.806	34.829	1.31	26.494	0.852
260	11.735	34.828	1.23	26.506	0.868

CAST EP2-91-MB -036 DATE 07 MAY 91 TIME 0059 GMT
LAT 01 30.4N LONG 140 07.0W

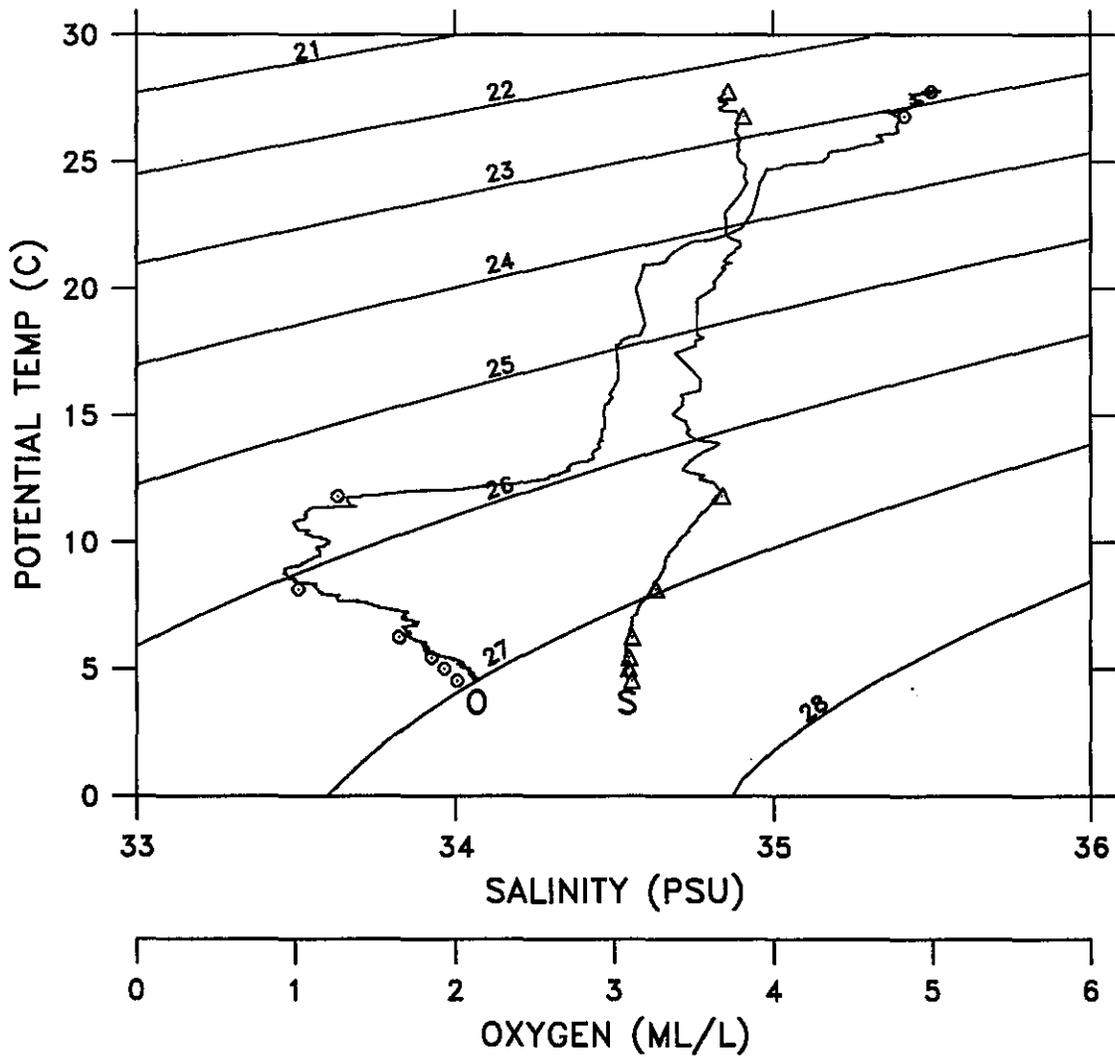


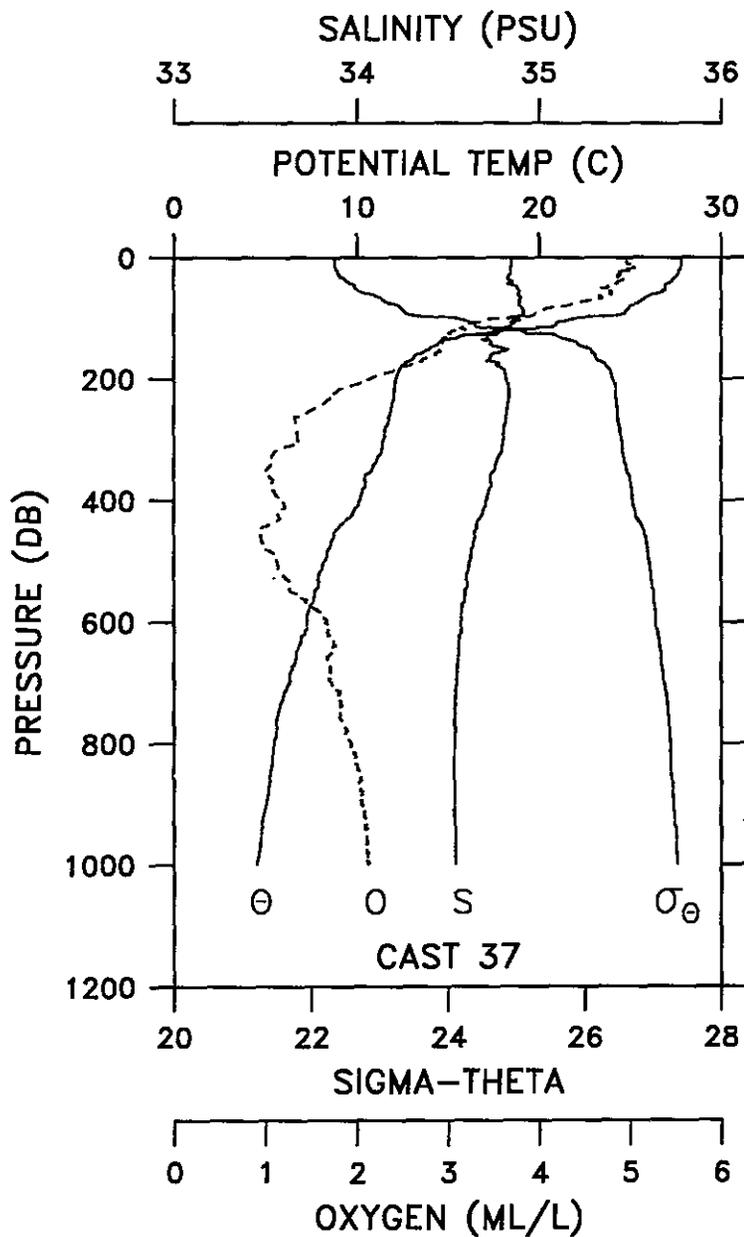


CAST EP2-91-MB -036 DATE 07 MAY 91 TIME 0059 GMT
 LAT 01 30.4N LONG 140 07.0W WEATHER 1 SEA STATE 3
 BAROMETER 07 WIND DIR 108 T SPD 14 KT VISIBILITY 7
 CLOUD 8 AMOUNT 6 DRY 27.0 WET 26.0 DEPTH 4305 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.118	34.784	4.82	22.196	0.000
10	28.096	34.833	4.80	22.240	0.056
20	27.833	34.859	4.89	22.345	0.112
30	27.804	34.879	4.90	22.370	0.166
40	27.788	34.890	4.87	22.383	0.221
50	27.770	34.898	4.91	22.395	0.276
60	27.500	34.874	4.94	22.465	0.330
70	27.081	34.824	4.83	22.561	0.384
80	26.242	34.938	4.51	22.913	0.435
90	25.443	34.940	4.48	23.162	0.483
100	24.113	34.898	4.10	23.532	0.529
110	22.670	34.900	3.61	23.954	0.571
120	20.489	34.844	3.16	24.515	0.609
130	18.451	34.781	2.88	24.994	0.641
140	15.687	34.748	2.71	25.626	0.669
150	14.310	34.728	2.60	25.912	0.691
160	13.074	34.728	2.50	26.168	0.711
170	12.246	34.770	2.28	26.363	0.729
180	12.022	34.769	2.17	26.406	0.746
190	11.960	34.844	2.09	26.476	0.762
200	11.964	34.862	1.98	26.490	0.778
250	11.855	34.868	1.42	26.515	0.857
300	11.520	34.848	1.14	26.562	0.935
350	10.815	34.801	0.95	26.654	1.010
400	10.305	34.772	0.97	26.722	1.082
450	9.115	34.707	0.87	26.871	1.149
500	8.296	34.665	1.10	26.966	1.210
550	7.630	34.623	1.57	27.032	1.267
600	7.005	34.609	1.71	27.111	1.321
650	6.428	34.597	1.73	27.179	1.371
700	6.037	34.589	1.85	27.223	1.419
750	5.734	34.544	1.89	27.226	1.466
800	5.429	34.543	1.95	27.262	1.512
900	4.874	34.545	2.09	27.329	1.600
1000	4.430	34.553	2.05	27.385	1.682
1005	4.408	34.553	2.05	27.387	1.686

CAST EP2-91-MB -037 DATE 07 MAY 91 TIME 0418 GMT
LAT 01 00.0N LONG 140 07.0W

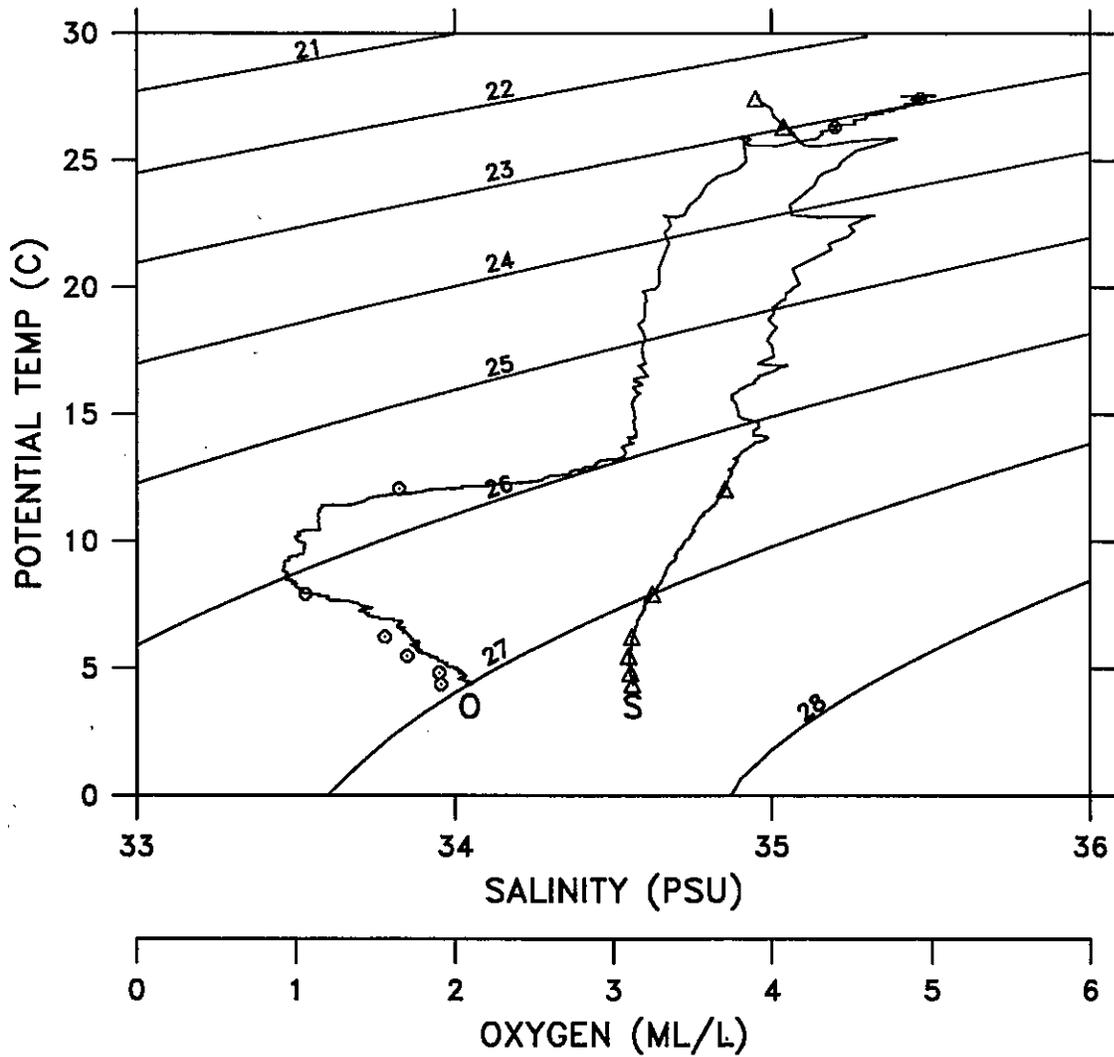


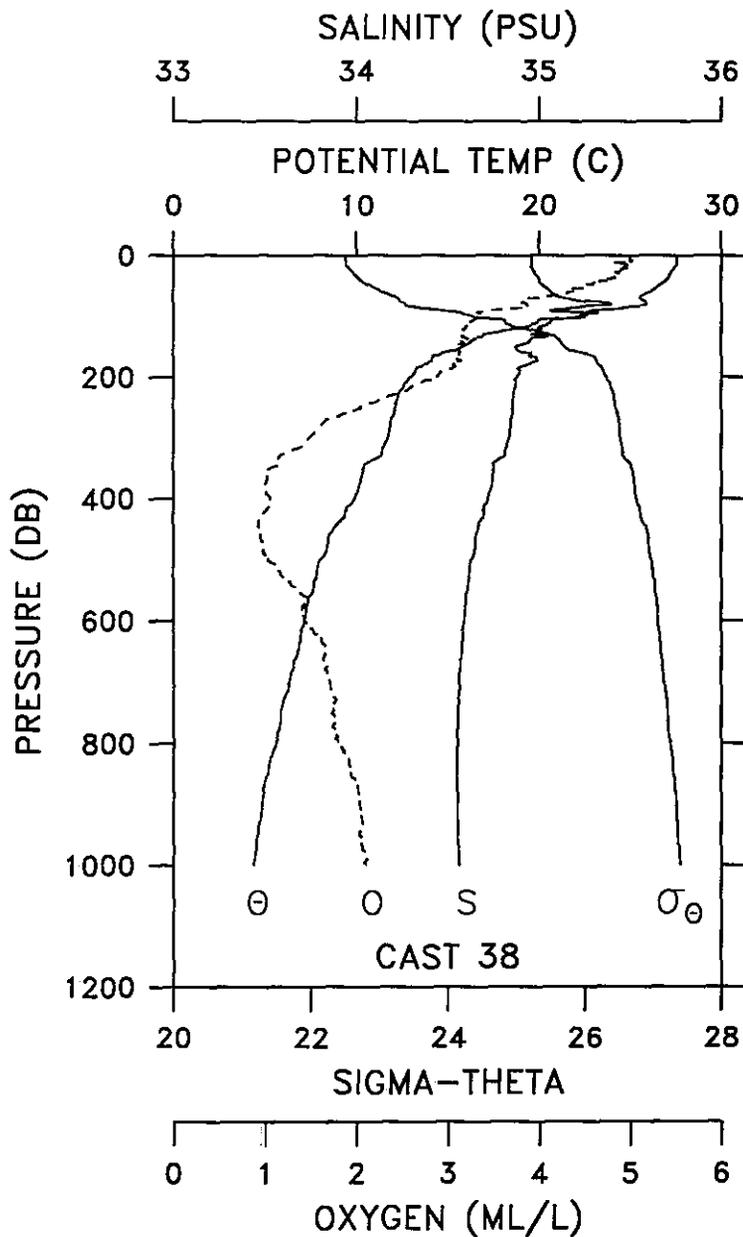


CAST EP2-91-MB -037 DATE 07 MAY 91 TIME 0418 GMT
 LAT 01 00.0N LONG 140 07.0W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 109 T SPD 16 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 27.2 WET 26.2 DEPTH 4305 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.819	34.845	4.96	22.339	0.000
10	27.817	34.845	4.96	22.340	0.055
20	27.704	34.843	4.99	22.375	0.110
30	27.566	34.836	4.87	22.414	0.164
40	27.240	34.849	4.87	22.529	0.218
50	26.954	34.883	4.68	22.646	0.271
60	26.181	34.883	4.79	22.891	0.322
70	25.665	34.888	4.59	23.055	0.371
80	24.968	34.898	4.26	23.275	0.418
90	24.718	34.914	3.98	23.363	0.464
100	21.926	34.871	3.61	24.142	0.507
110	20.932	34.849	3.19	24.399	0.544
120	18.069	34.779	3.09	25.087	0.577
130	15.628	34.717	2.98	25.615	0.604
140	14.451	34.732	2.92	25.885	0.627
150	13.942	34.809	2.90	26.053	0.647
160	13.220	34.736	2.84	26.145	0.667
170	12.859	34.714	2.72	26.200	0.686
180	12.440	34.790	2.48	26.341	0.703
190	12.275	34.814	2.30	26.392	0.720
200	12.174	34.820	2.13	26.416	0.737
250	11.852	34.825	1.51	26.482	0.818
300	11.441	34.801	1.35	26.540	0.898
350	10.832	34.758	1.01	26.618	0.975
400	10.146	34.708	1.16	26.700	1.047
450	8.851	34.650	0.94	26.868	1.115
500	8.245	34.620	1.13	26.938	1.177
550	7.684	34.591	1.28	27.000	1.235
600	7.281	34.572	1.66	27.043	1.292
650	6.711	34.558	1.72	27.111	1.346
700	6.262	34.546	1.72	27.160	1.397
750	5.703	34.539	1.82	27.226	1.445
800	5.484	34.535	1.93	27.250	1.492
900	5.060	34.536	2.04	27.300	1.581
1000	4.550	34.543	2.12	27.364	1.665
1004	4.546	34.543	2.13	27.365	1.669

CAST EP2-91-MB -038 DATE 07 MAY 91 TIME 0728 GMT
LAT 00 29.6N LONG 140 10.0W

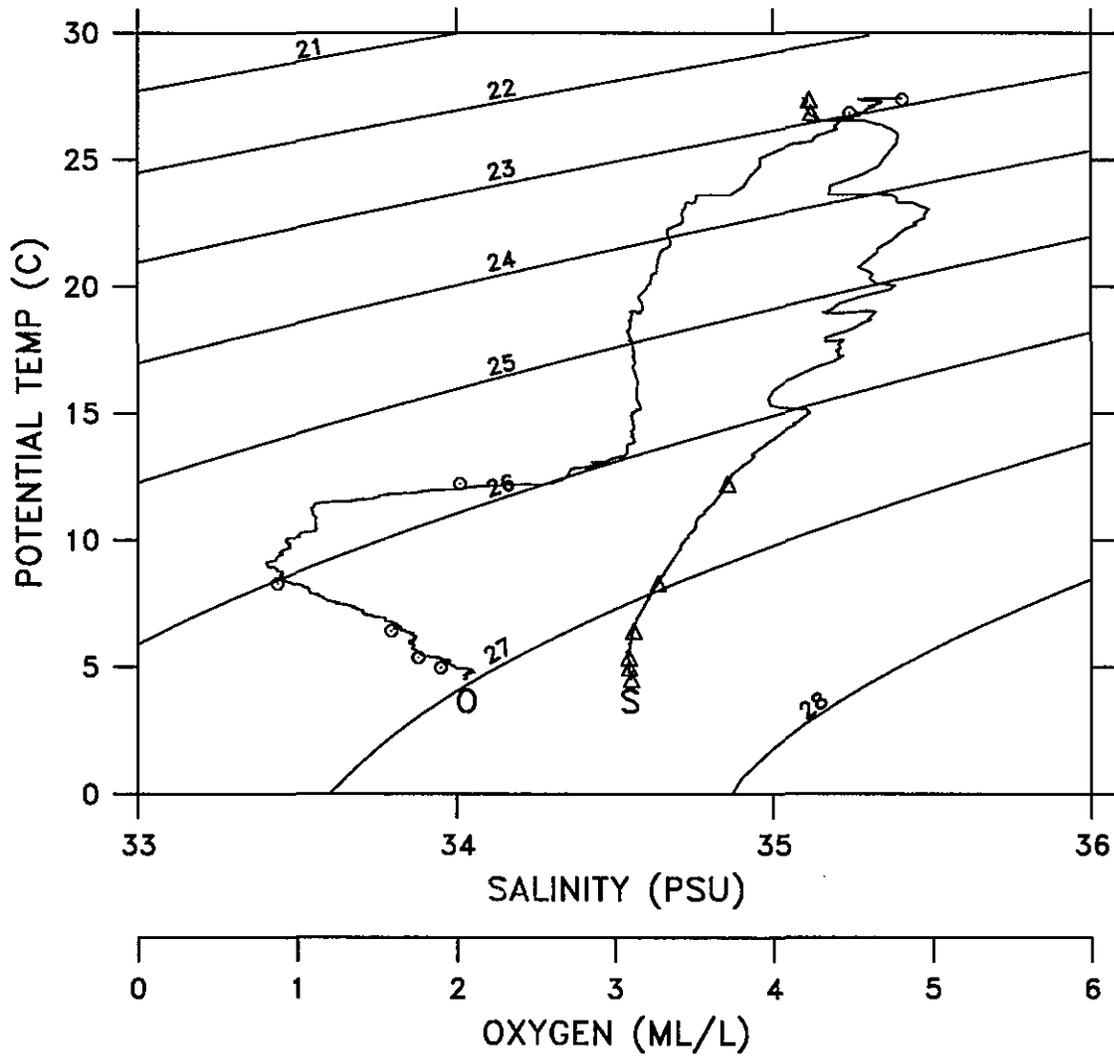


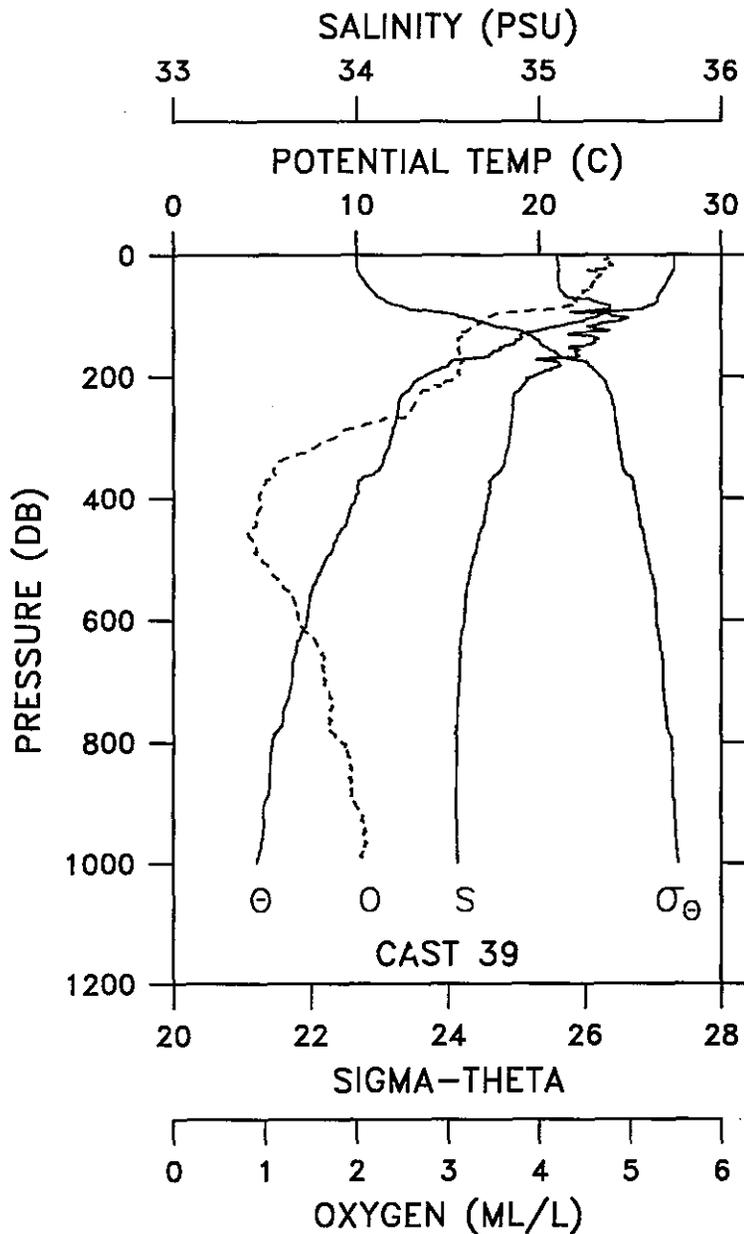


CAST EP2-91-MB -038 DATE 07 MAY 91 TIME 0728 GMT
 LAT 00 29.6N LONG 140 10.0W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 083 T SPD 12 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 27.1 WET 26.0 DEPTH 4216 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.568	34.958	4.99	22.506	0.000
10	27.549	34.957	5.03	22.511	0.053
20	27.428	34.959	4.96	22.552	0.107
30	27.239	34.973	4.87	22.623	0.159
40	26.983	35.001	4.73	22.726	0.211
50	26.559	35.022	4.53	22.876	0.262
60	26.137	35.062	4.31	23.039	0.311
70	25.583	35.163	4.01	23.288	0.358
80	25.870	35.389	3.85	23.370	0.404
90	23.260	35.059	3.48	23.905	0.447
100	22.160	35.253	3.32	24.367	0.485
110	19.899	35.062	3.22	24.837	0.518
120	18.534	35.005	3.16	25.144	0.548
130	17.002	34.958	3.20	25.483	0.575
140	16.296	34.945	3.13	25.638	0.599
150	15.776	34.874	3.15	25.703	0.623
160	14.719	34.945	3.12	25.992	0.645
170	14.093	34.978	3.09	26.151	0.665
180	13.676	34.926	3.06	26.198	0.684
190	13.196	34.894	2.95	26.272	0.702
200	12.936	34.881	2.87	26.314	0.720
250	12.121	34.855	2.04	26.454	0.804
300	11.707	34.834	1.48	26.517	0.884
350	10.408	34.754	1.06	26.690	0.960
400	9.888	34.721	1.06	26.754	1.030
450	8.720	34.663	0.95	26.899	1.096
500	8.071	34.630	1.03	26.973	1.156
550	7.616	34.606	1.34	27.021	1.213
600	7.163	34.590	1.44	27.073	1.268
650	6.786	34.575	1.66	27.114	1.321
700	6.336	34.563	1.70	27.164	1.372
750	5.876	34.556	1.74	27.218	1.421
800	5.599	34.553	1.80	27.250	1.468
900	4.835	34.553	2.03	27.339	1.554
1000	4.370	34.560	2.09	27.397	1.635
1004	4.359	34.560	2.09	27.398	1.638

CAST EP2-91-MB -039 DATE 08 MAY 91 TIME 0722 GMT
LAT 00 02.9N LONG 140 03.1W

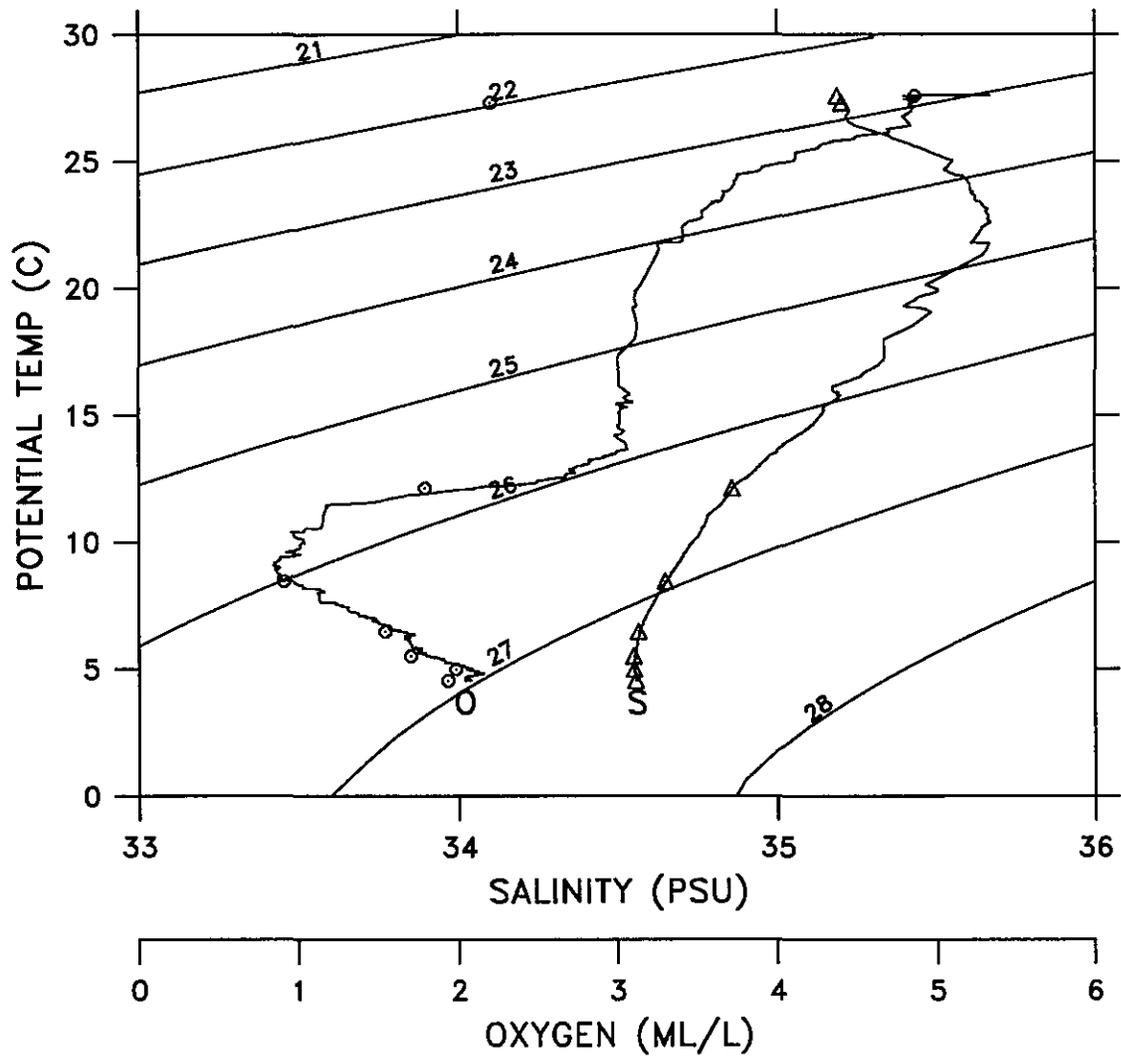


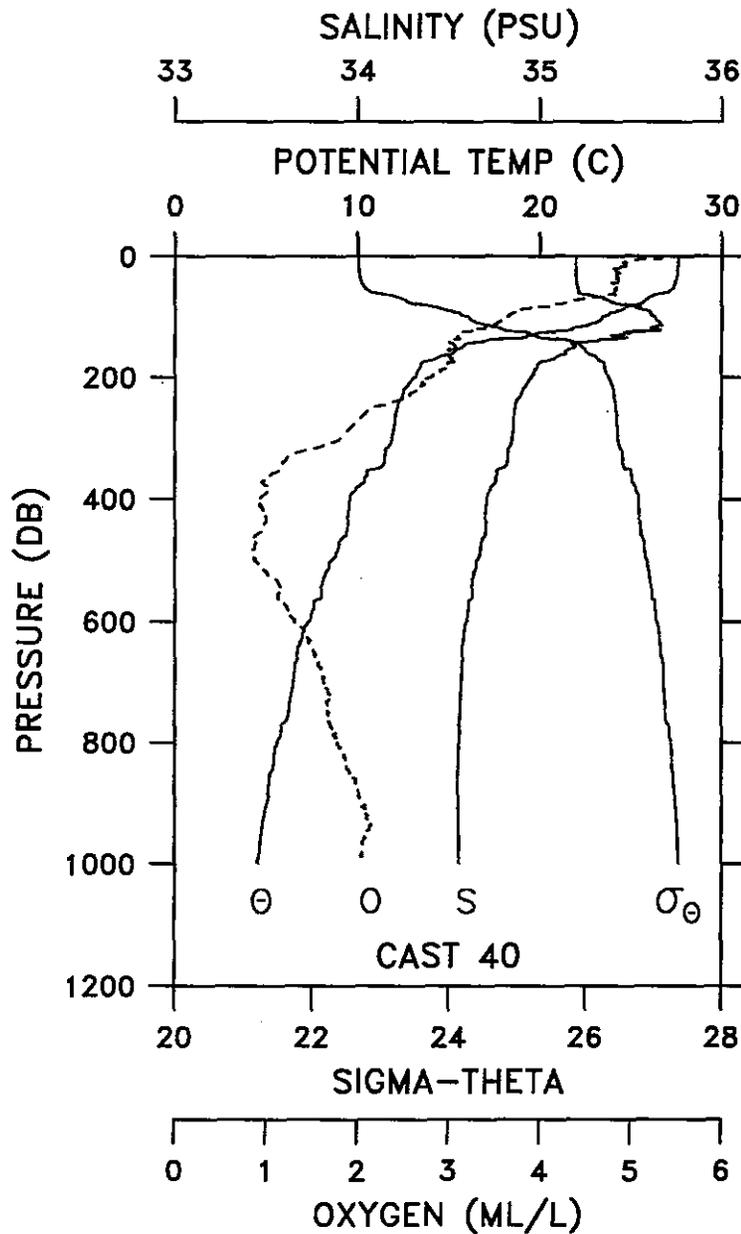


CAST EP2-91-MB -039 DATE 08 MAY 91 TIME 0722 GMT
 LAT 00 02.9N LONG 140 03.1W WEATHER 8 SEA STATE 3
 BAROMETER 11 WIND DIR 093 T SPD 20 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 29.6 WET 26.3 DEPTH 4171 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.410	35.095	4.74	22.660	0.000
10	27.409	35.100	4.69	22.664	0.052
20	27.403	35.106	4.73	22.671	0.104
30	27.313	35.105	4.65	22.699	0.155
40	27.101	35.104	4.60	22.766	0.207
50	26.923	35.109	4.57	22.826	0.257
60	26.703	35.127	4.48	22.910	0.308
70	26.517	35.180	4.42	23.009	0.357
80	26.388	35.329	4.40	23.161	0.405
90	25.637	35.387	4.13	23.440	0.451
100	23.303	35.397	3.49	24.149	0.491
110	22.273	35.417	3.34	24.459	0.528
120	20.564	35.303	3.27	24.844	0.561
130	19.001	35.167	3.16	25.150	0.591
140	18.721	35.300	3.10	25.322	0.619
150	18.250	35.235	3.09	25.391	0.646
160	17.432	35.197	3.12	25.563	0.671
170	16.273	35.042	3.14	25.718	0.695
180	15.028	35.108	3.11	26.050	0.716
190	14.359	35.041	3.12	26.143	0.736
200	13.734	34.972	3.08	26.222	0.755
250	12.268	34.855	2.62	26.426	0.841
300	11.874	34.837	1.76	26.487	0.923
350	11.274	34.794	1.11	26.565	1.002
400	9.919	34.716	0.94	26.745	1.074
450	9.186	34.681	0.85	26.839	1.141
500	8.342	34.638	0.95	26.938	1.204
550	7.564	34.600	1.21	27.024	1.262
600	7.290	34.589	1.37	27.055	1.317
650	6.695	34.566	1.62	27.118	1.371
700	6.464	34.560	1.65	27.145	1.422
750	6.015	34.553	1.71	27.198	1.472
800	5.383	34.545	1.83	27.270	1.519
900	5.001	34.545	1.99	27.315	1.608
1000	4.531	34.552	2.06	27.373	1.692
1006	4.507	34.553	2.06	27.377	1.696

CAST EP2-91-MB -040 DATE 08 MAY 91 TIME 1118 GMT
LAT 00 29.6S LONG 140 08.7W

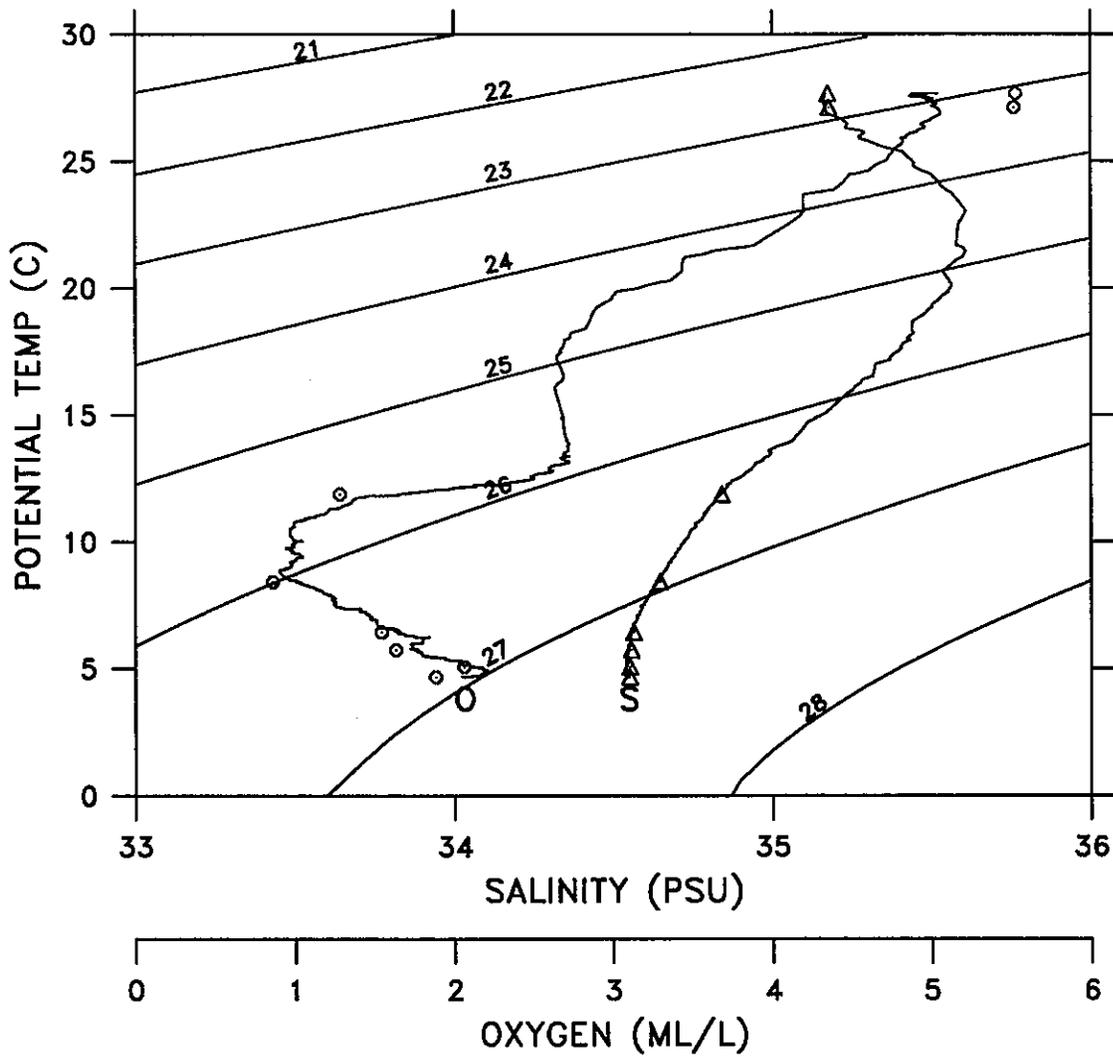


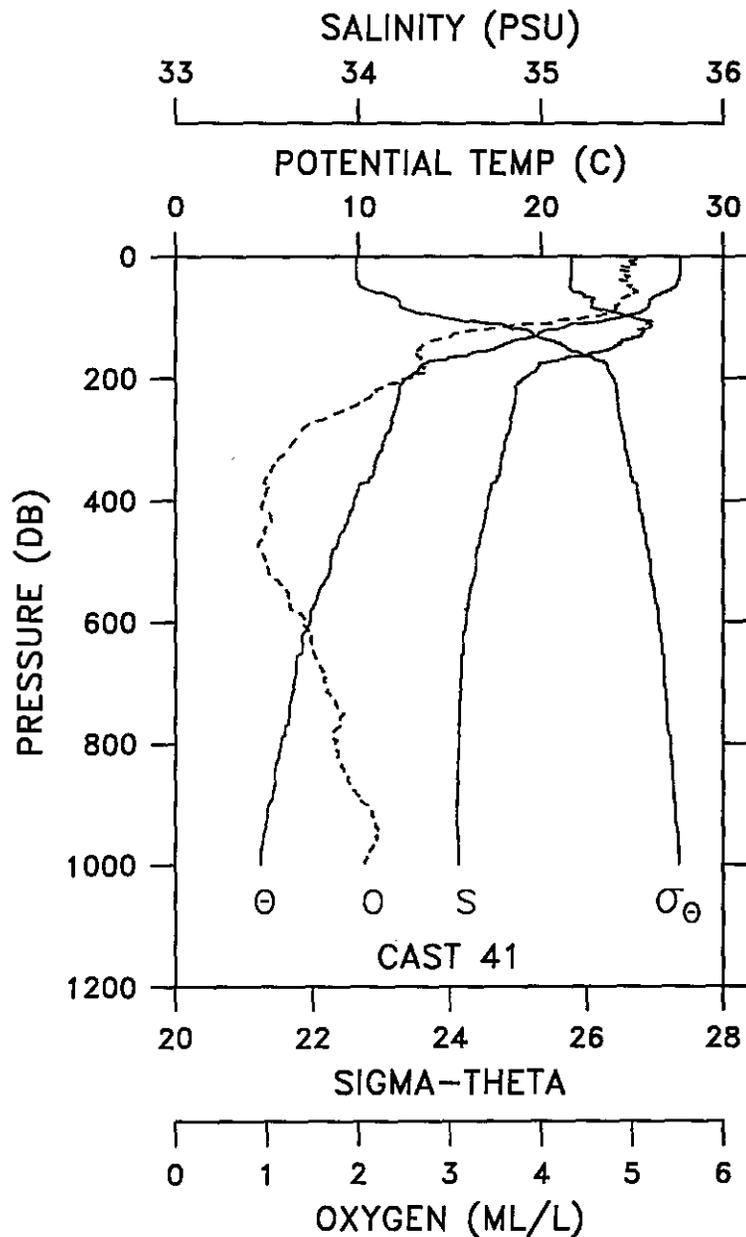


CAST EP2-91-MB -040 DATE 08 MAY 91 TIME 1118 GMT
 LAT 00 29.6S LONG 140 08.7W WEATHER 1 SEA STATE 2
 BAROMETER 09 WIND DIR 119 T SPD 18 KT VISIBILITY 7
 CLOUD 4 AMOUNT 3 DRY 27.1 WET 26.1 DEPTH 4340 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.600	35.197	5.33	22.675	0.000
10	27.604	35.197	4.91	22.674	0.052
20	27.571	35.198	4.81	22.685	0.103
30	27.558	35.198	4.84	22.689	0.155
40	27.471	35.201	4.81	22.720	0.207
50	27.371	35.206	4.84	22.756	0.258
60	26.964	35.223	4.83	22.899	0.309
70	25.956	35.352	4.48	23.315	0.356
80	25.336	35.482	4.11	23.605	0.401
90	24.236	35.597	3.74	24.025	0.442
100	23.419	35.628	3.64	24.290	0.480
110	23.043	35.653	3.53	24.418	0.516
120	21.772	35.636	3.24	24.766	0.550
130	19.554	35.430	3.10	25.208	0.580
140	16.952	35.309	3.00	25.764	0.606
150	15.753	35.191	3.06	25.952	0.627
160	15.234	35.143	3.02	26.032	0.648
170	14.247	35.068	3.02	26.188	0.667
180	13.467	34.988	2.97	26.289	0.685
190	13.324	34.972	2.92	26.306	0.703
200	13.082	34.951	2.82	26.339	0.720
250	12.175	34.864	2.15	26.451	0.804
300	11.907	34.850	1.82	26.491	0.885
350	11.066	34.784	1.16	26.596	0.963
400	9.599	34.713	0.95	26.796	1.033
450	9.416	34.705	0.95	26.820	1.100
500	8.572	34.657	0.88	26.917	1.163
550	8.019	34.631	1.12	26.982	1.223
600	7.330	34.600	1.31	27.058	1.279
650	6.728	34.577	1.52	27.123	1.332
700	6.470	34.570	1.63	27.152	1.383
750	6.232	34.565	1.67	27.179	1.434
800	5.607	34.556	1.77	27.251	1.481
900	5.038	34.553	2.05	27.316	1.570
1000	4.556	34.560	2.07	27.377	1.653
1005	4.537	34.560	2.04	27.379	1.657

CAST EP2-91-MB -041 DATE 08 MAY 91 TIME 1436 GMT
LAT 01 00.0S LONG 140 06.0W

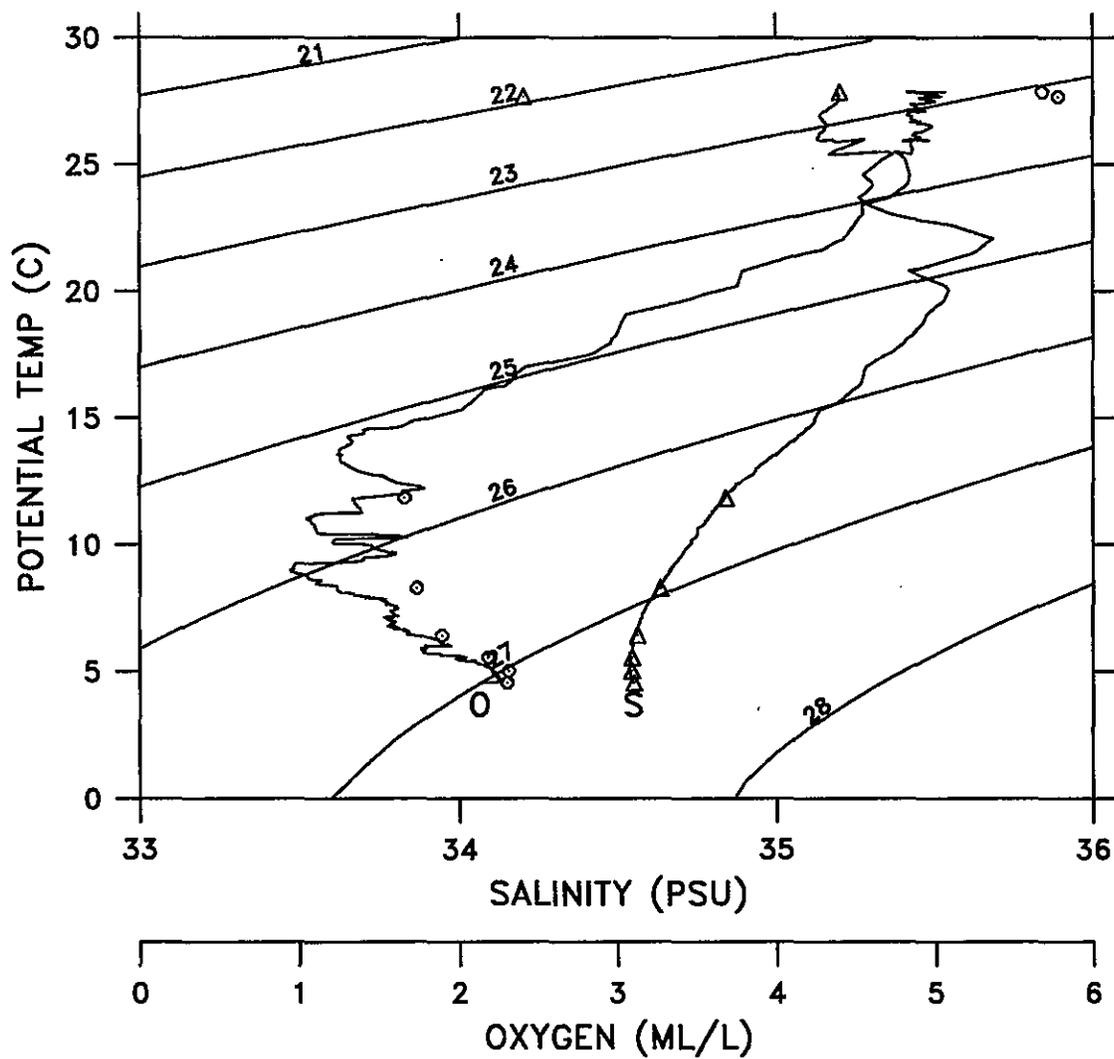


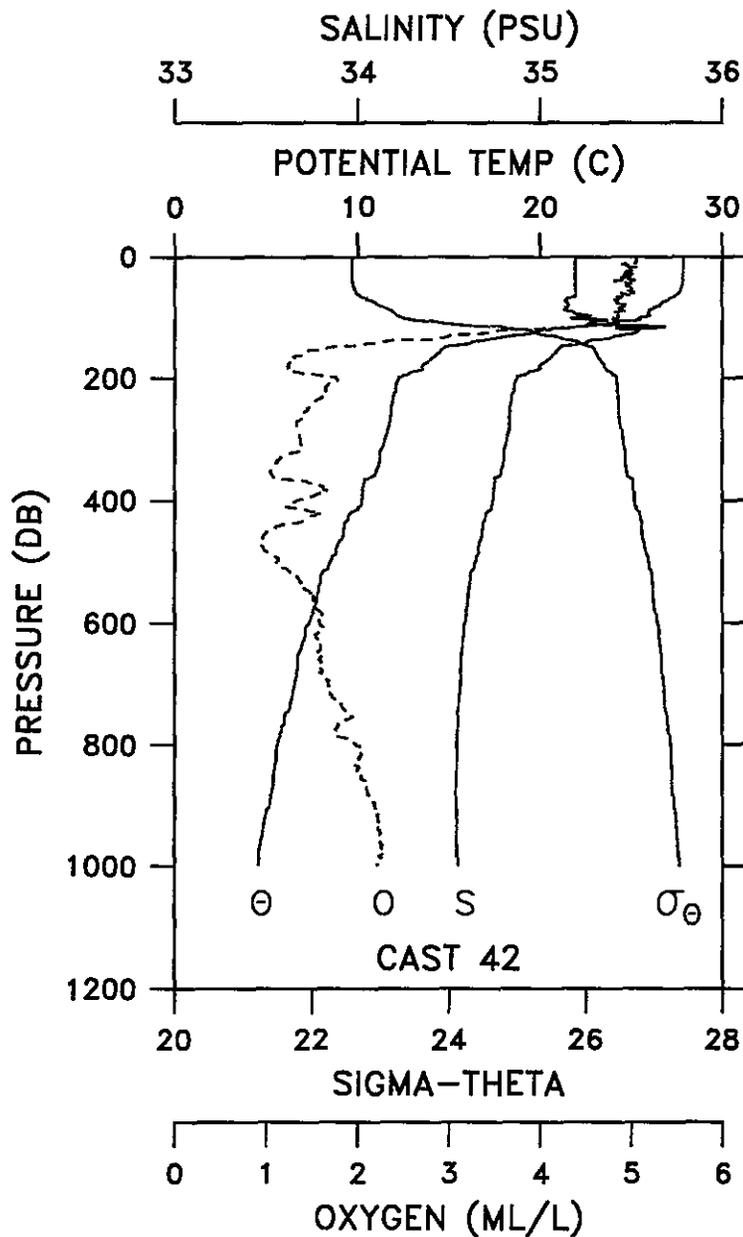


CAST EP2-91-MB -041 DATE 08 MAY 91 TIME 1436 GMT
 LAT 01 00.0S LONG 140 06.0W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 116 T SPD 20 KT VISIBILITY 7
 CLOUD 8 AMOUNT 5 DRY 27.2 WET 26.0 DEPTH 4241 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.658	35.167	5.04	22.634	0.000
10	27.656	35.166	4.97	22.634	0.052
20	27.660	35.166	4.93	22.633	0.104
30	27.638	35.166	4.92	22.639	0.156
40	27.539	35.163	4.89	22.669	0.208
50	27.422	35.163	4.97	22.707	0.260
60	26.663	35.218	5.00	22.991	0.311
70	26.100	35.290	4.87	23.223	0.359
80	25.922	35.278	4.85	23.269	0.405
90	25.534	35.357	4.78	23.449	0.451
100	24.472	35.500	4.49	23.881	0.494
110	22.518	35.585	4.10	24.517	0.532
120	20.637	35.537	3.43	25.003	0.563
130	19.827	35.552	3.02	25.229	0.591
140	18.320	35.440	2.79	25.531	0.618
150	17.542	35.400	2.67	25.692	0.642
160	16.087	35.258	2.63	25.927	0.665
170	14.741	35.114	2.69	26.117	0.685
180	13.400	34.991	2.69	26.305	0.703
190	13.150	34.960	2.72	26.333	0.721
200	12.688	34.914	2.53	26.389	0.738
250	12.044	34.849	1.88	26.464	0.820
300	11.406	34.805	1.30	26.550	0.899
350	10.826	34.772	1.04	26.630	0.975
400	9.760	34.710	0.98	26.767	1.046
450	9.201	34.678	0.97	26.834	1.113
500	8.468	34.643	0.98	26.923	1.175
550	7.848	34.611	1.23	26.992	1.235
600	7.343	34.589	1.41	27.047	1.291
650	6.900	34.573	1.51	27.096	1.345
700	6.492	34.560	1.64	27.141	1.397
750	6.234	34.553	1.83	27.170	1.447
800	5.752	34.548	1.75	27.227	1.496
900	5.129	34.540	2.10	27.296	1.587
1000	4.680	34.549	2.06	27.354	1.672
1005	4.664	34.547	2.07	27.355	1.676

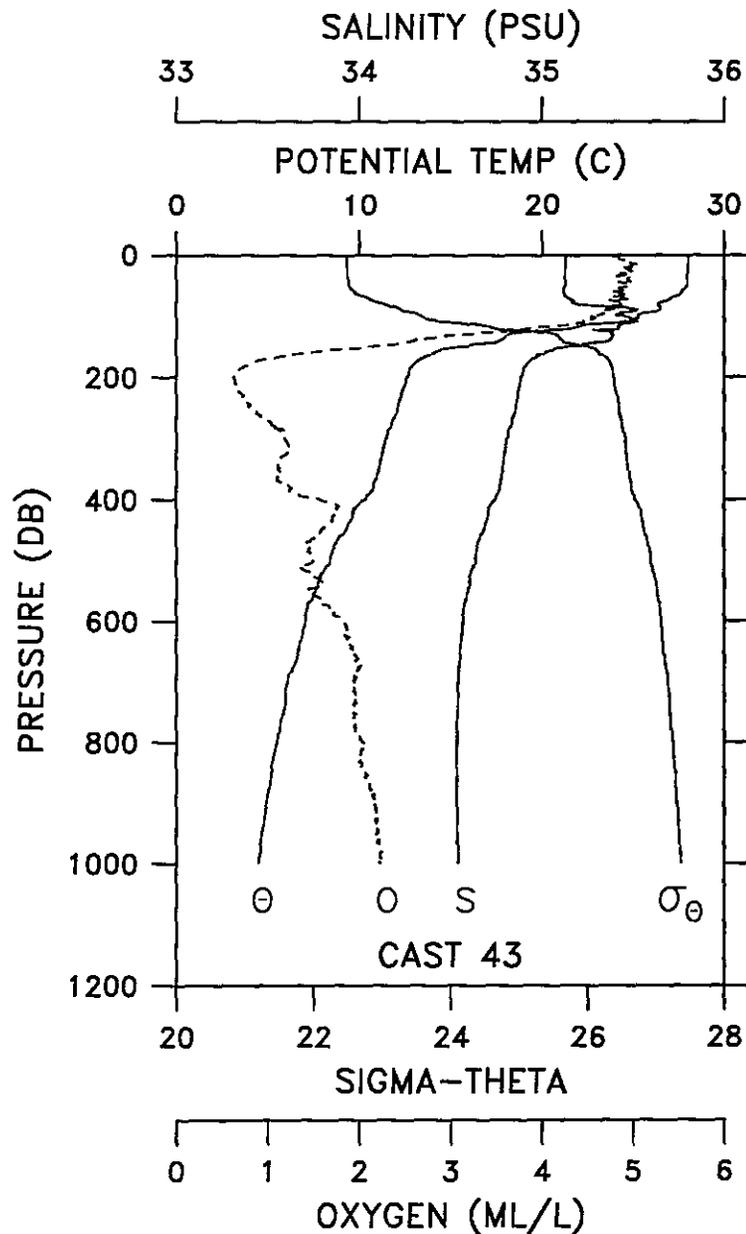
CAST EP2-91-MB -042 DATE 08 MAY 91 TIME 1744 GMT
LAT 01 30.0S LONG 140 03.0W





CAST EP2-91-MB -042 DATE 08 MAY 91 TIME 1744 GMT
 LAT 01 30.0S LONG 140 03.0W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 109 T SPD 22 KT VISIBILITY 6
 CLOUD 8 AMOUNT 2 DRY 27.9 WET 25.9 DEPTH 4175 M

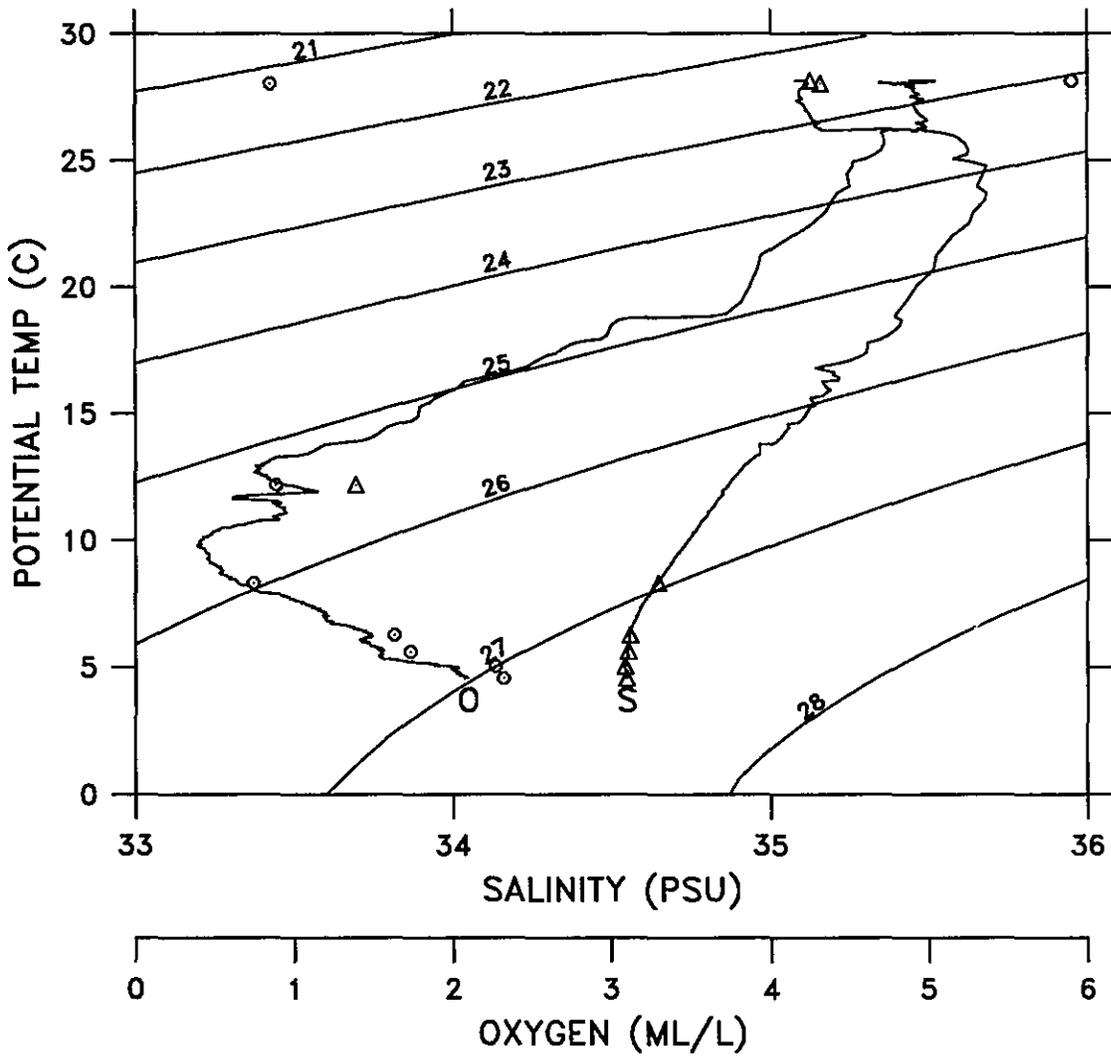
PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.872	35.193	5.06	22.584	0.000
10	27.869	35.192	5.06	22.584	0.053
20	27.869	35.192	5.03	22.584	0.105
30	27.864	35.192	4.93	22.586	0.158
40	27.849	35.193	4.82	22.591	0.210
50	27.783	35.194	4.99	22.613	0.263
60	27.633	35.197	4.90	22.664	0.315
70	27.088	35.149	4.86	22.804	0.367
80	26.569	35.159	4.96	22.977	0.417
90	25.965	35.172	4.89	23.176	0.465
100	25.580	35.191	4.86	23.310	0.512
110	23.696	35.259	4.71	23.929	0.555
120	20.208	35.535	3.76	25.116	0.589
130	18.488	35.440	3.01	25.488	0.616
140	16.262	35.261	2.29	25.889	0.640
150	14.748	35.112	1.67	26.114	0.661
160	14.401	35.081	1.41	26.165	0.680
170	13.996	35.040	1.33	26.220	0.698
180	13.565	34.998	1.24	26.277	0.717
190	12.930	34.936	1.35	26.358	0.734
200	12.256	34.873	1.75	26.442	0.751
250	11.862	34.836	1.45	26.488	0.832
300	11.488	34.815	1.37	26.543	0.911
350	11.066	34.788	1.06	26.599	0.988
400	10.223	34.738	1.32	26.710	1.060
450	9.254	34.683	1.02	26.829	1.127
500	8.493	34.641	1.11	26.918	1.191
550	7.860	34.608	1.49	26.987	1.250
600	7.335	34.586	1.58	27.046	1.307
650	6.781	34.568	1.57	27.109	1.361
700	6.530	34.560	1.68	27.136	1.413
750	6.044	34.546	1.93	27.189	1.463
800	5.609	34.540	1.97	27.238	1.511
900	5.170	34.539	2.17	27.290	1.602
1000	4.549	34.548	2.18	27.368	1.686
1004	4.541	34.549	2.12	27.370	1.690

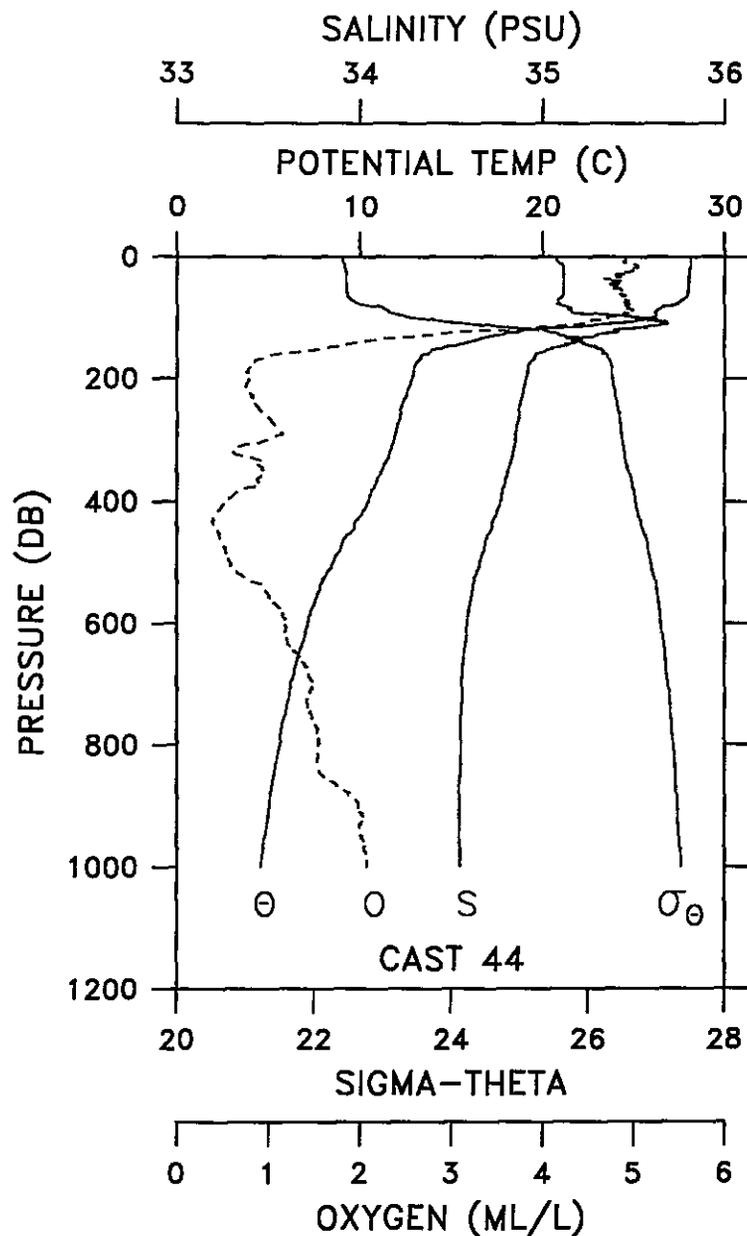


CAST EP2-91-MB -043 DATE 08 MAY 91 TIME 2031 GMT
 LAT 01 58.8S LONG 140 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 104 T SPD 16 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 28.0 WET 25.7 DEPTH 3900 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.028	35.129	4.84	22.485	0.000
10	28.036	35.130	4.94	22.483	0.053
20	27.998	35.129	4.99	22.494	0.107
30	27.989	35.128	4.87	22.497	0.161
40	27.973	35.127	4.95	22.501	0.214
50	27.922	35.123	4.90	22.514	0.268
60	27.651	35.119	4.77	22.600	0.321
70	27.096	35.147	4.94	22.800	0.373
80	26.388	35.199	4.87	23.064	0.422
90	26.485	35.520	4.69	23.276	0.469
100	25.297	35.453	4.54	23.595	0.514
110	23.817	35.482	4.46	24.062	0.556
120	21.486	35.416	3.84	24.678	0.591
130	18.170	35.392	3.07	25.532	0.620
140	17.656	35.363	2.59	25.636	0.644
150	15.441	35.133	2.09	25.977	0.667
160	14.157	35.023	1.41	26.173	0.686
170	13.298	34.942	0.99	26.288	0.704
180	12.935	34.914	0.76	26.340	0.722
190	12.730	34.898	0.67	26.368	0.739
200	12.621	34.887	0.63	26.382	0.756
250	12.102	34.857	0.82	26.459	0.839
300	11.429	34.807	1.18	26.547	0.919
350	11.101	34.788	1.11	26.593	0.995
400	10.354	34.744	1.59	26.692	1.070
450	9.268	34.683	1.58	26.827	1.137
500	8.404	34.636	1.49	26.927	1.200
550	7.590	34.594	1.45	27.016	1.258
600	7.024	34.565	1.81	27.073	1.313
650	6.683	34.553	1.95	27.110	1.367
700	6.093	34.540	1.95	27.178	1.417
750	5.874	34.537	1.93	27.203	1.466
800	5.489	34.533	2.05	27.248	1.513
900	4.943	34.533	2.16	27.312	1.602
1000	4.506	34.539	2.23	27.366	1.685
1004	4.499	34.539	2.25	27.367	1.688

CAST EP2-91-MB -044 DATE 09 MAY 91 TIME 0321 GMT
LAT 03 00.0S LONG 140 00.0W

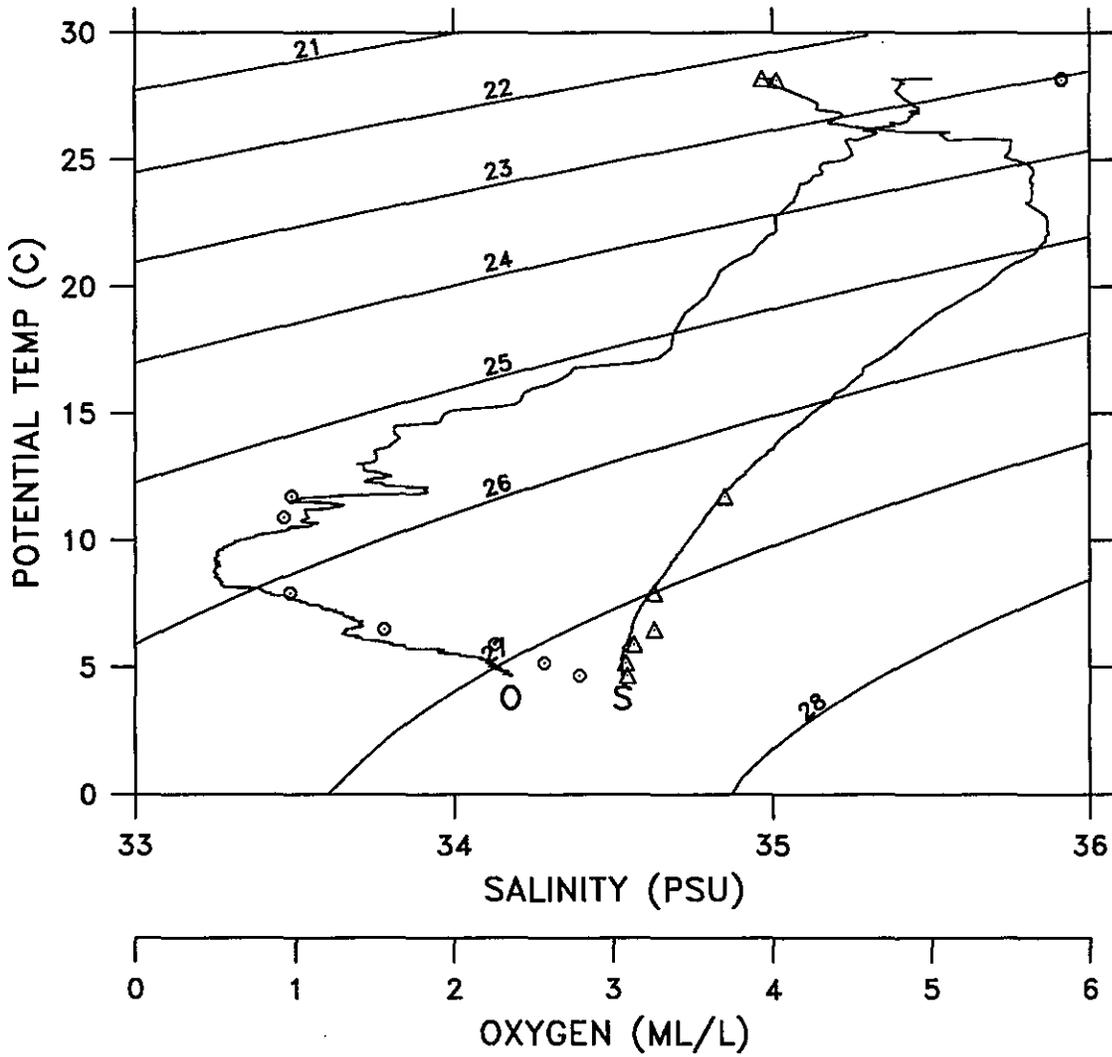


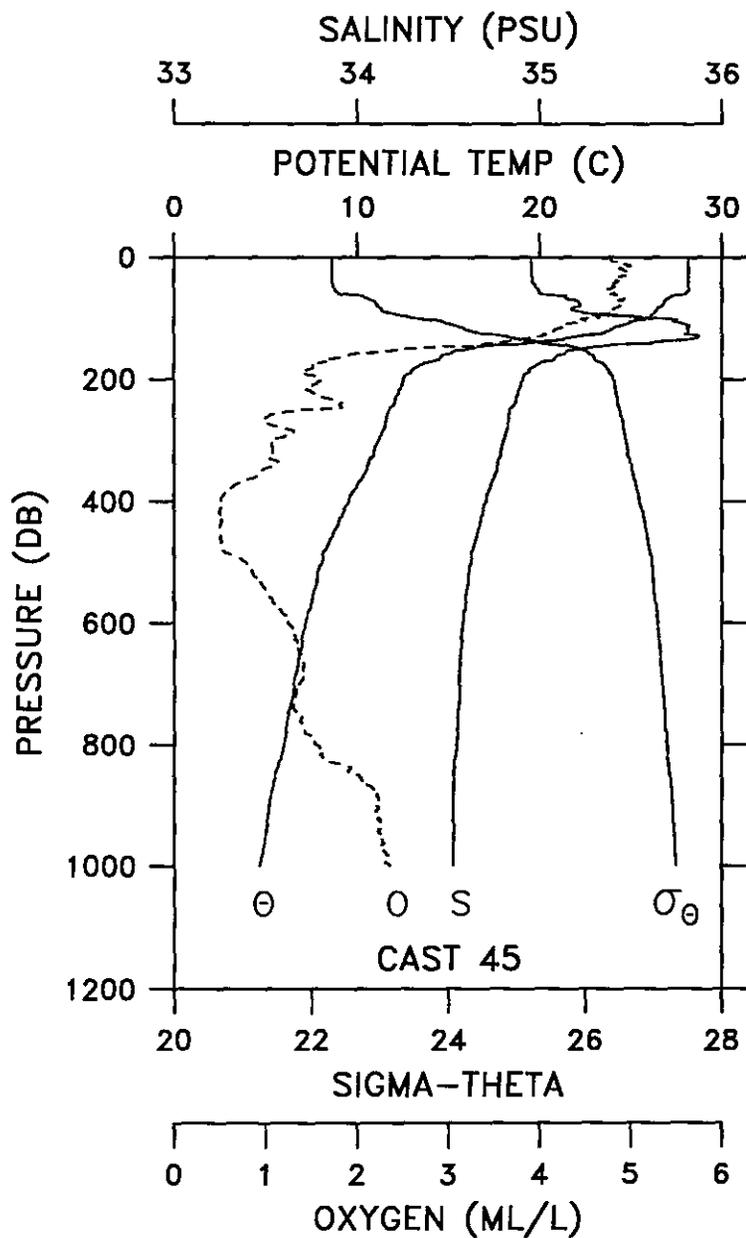


CAST EP2-91-MB -044 DATE 09 MAY 91 TIME 0321 GMT
 LAT 03 00.0S LONG 140 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 090 T SPD 16 KT VISIBILITY 7
 CLOUD 8 AMOUNT 2 DRY 27.5 WET 26.5 DEPTH 4402 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.133	35.077	4.90	22.411	0.000
10	28.131	35.090	4.95	22.421	0.054
20	28.087	35.111	4.98	22.452	0.108
30	28.053	35.115	4.76	22.466	0.162
40	28.043	35.116	4.75	22.470	0.216
50	28.032	35.116	4.73	22.473	0.270
60	28.005	35.115	4.86	22.482	0.323
70	27.732	35.088	4.91	22.551	0.377
80	27.062	35.107	4.91	22.780	0.429
90	26.240	35.155	4.95	23.077	0.478
100	26.088	35.543	4.70	23.418	0.525
110	23.709	35.684	4.42	24.247	0.567
120	18.929	35.395	3.72	25.342	0.599
130	17.388	35.299	2.65	25.652	0.624
140	15.928	35.188	2.01	25.909	0.647
150	14.592	35.053	1.65	26.103	0.667
160	13.551	34.965	1.13	26.255	0.686
170	13.191	34.941	0.86	26.309	0.703
180	12.964	34.918	0.80	26.338	0.721
190	12.924	34.916	0.78	26.344	0.738
200	12.841	34.909	0.78	26.355	0.755
250	12.249	34.873	0.91	26.443	0.839
300	11.869	34.850	0.99	26.498	0.921
350	11.222	34.815	0.94	26.592	0.999
400	10.435	34.768	0.53	26.696	1.073
450	9.501	34.713	0.45	26.813	1.142
500	8.540	34.657	0.58	26.922	1.205
550	7.689	34.612	0.99	27.015	1.264
600	7.170	34.590	1.18	27.072	1.319
650	6.651	34.570	1.33	27.128	1.372
700	6.213	34.559	1.49	27.177	1.422
750	5.938	34.555	1.47	27.209	1.471
800	5.611	34.553	1.54	27.248	1.518
900	5.035	34.544	1.98	27.310	1.607
1000	4.570	34.548	2.08	27.366	1.691
1005	4.561	34.548	2.10	27.367	1.695

CAST EP2-91-MB -045 DATE 09 MAY 91 TIME 0819 GMT
LAT 04 00.0S LONG 140 00.0W

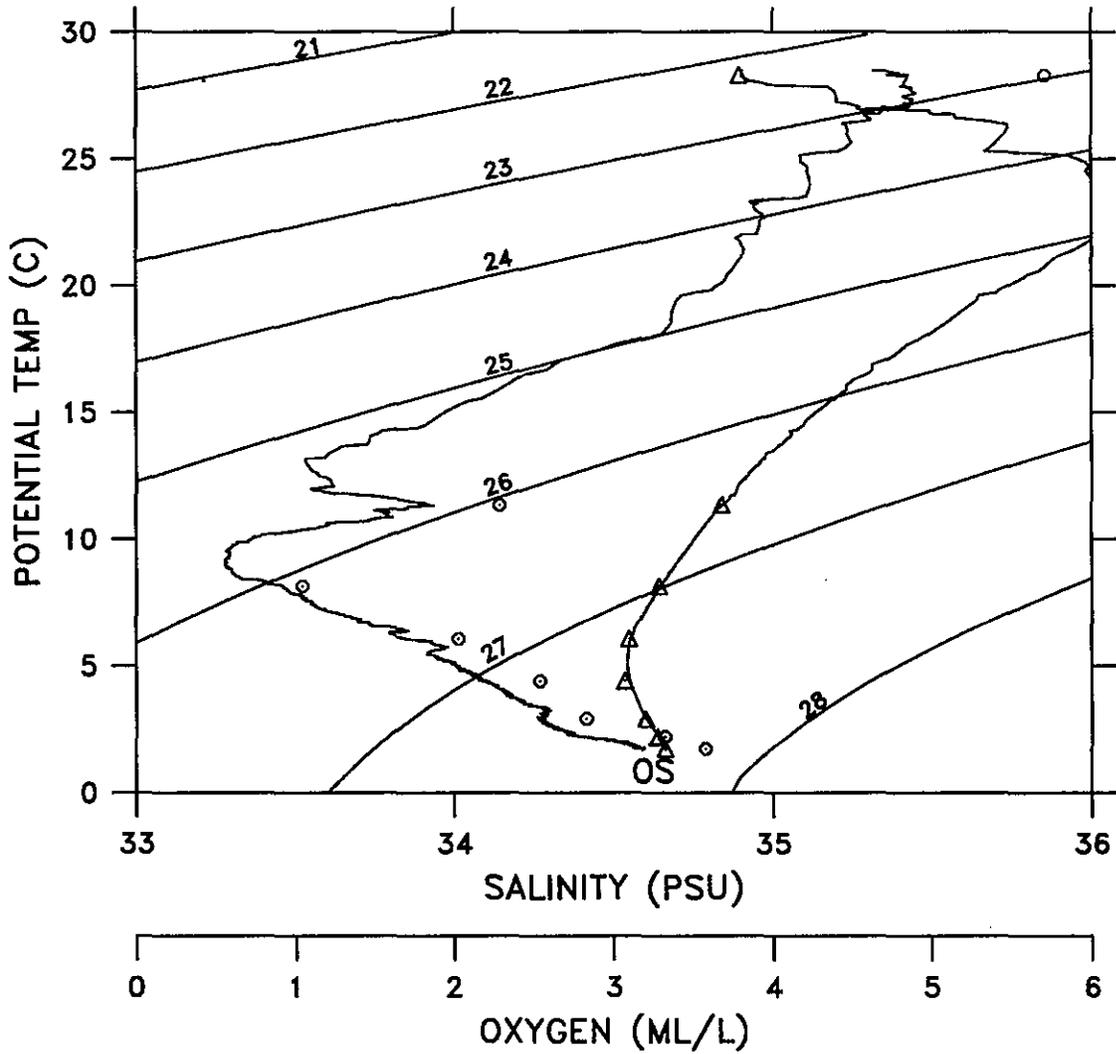




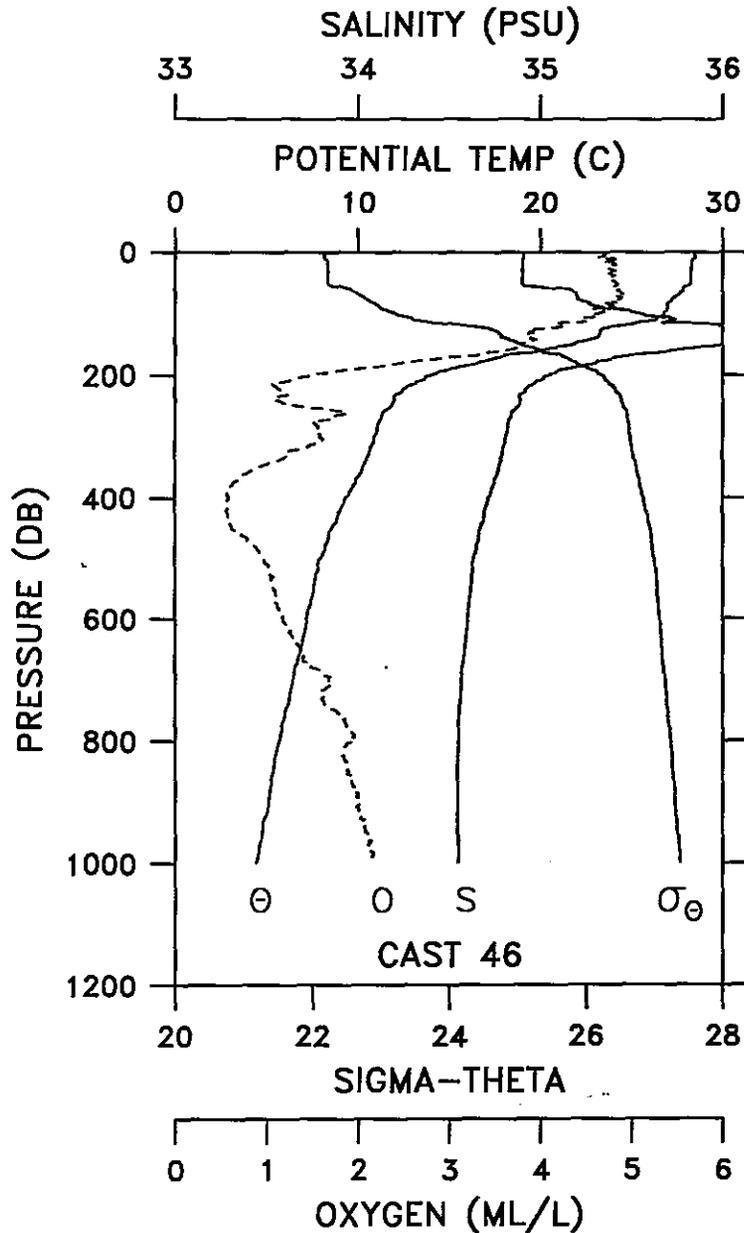
CAST EP2-91-MB -045 DATE 09 MAY 91 TIME 0819 GMT
 LAT 04 00.0S LONG 140 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 081 T SPD 13 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 27.1 WET 25.0 DEPTH 4370 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.185	34.954	4.78	22.302	0.000
10	28.184	34.953	4.89	22.302	0.055
20	28.189	34.957	4.90	22.302	0.111
30	28.182	34.956	4.94	22.304	0.166
40	28.189	34.961	4.87	22.305	0.221
50	28.167	34.982	4.81	22.329	0.277
60	27.876	35.017	4.80	22.450	0.331
70	26.907	35.185	4.88	22.889	0.383
80	26.732	35.220	4.88	22.971	0.432
90	26.367	35.228	4.77	23.093	0.481
100	25.765	35.555	4.53	23.527	0.527
110	24.771	35.809	4.30	24.024	0.568
120	23.885	35.816	4.17	24.295	0.606
130	22.078	35.873	4.00	24.861	0.641
140	19.632	35.614	3.58	25.329	0.670
150	16.109	35.240	2.58	25.908	0.694
160	14.765	35.102	1.92	26.103	0.714
170	14.255	35.047	1.62	26.170	0.733
180	13.251	34.968	1.52	26.318	0.751
190	12.943	34.938	1.43	26.357	0.769
200	12.549	34.908	1.58	26.412	0.785
250	11.775	34.837	1.39	26.506	0.867
300	11.160	34.802	1.07	26.592	0.944
350	10.474	34.761	0.96	26.684	1.017
400	9.567	34.708	0.52	26.797	1.086
450	8.720	34.660	0.49	26.897	1.150
500	8.064	34.622	0.79	26.968	1.210
550	7.635	34.600	1.02	27.014	1.268
600	7.181	34.579	1.25	27.062	1.324
650	6.825	34.566	1.38	27.101	1.377
700	6.538	34.560	1.38	27.135	1.430
750	6.243	34.553	1.38	27.169	1.481
800	5.985	34.544	1.54	27.195	1.530
900	5.195	34.527	2.21	27.278	1.624
1000	4.682	34.526	2.36	27.336	1.711
1005	4.644	34.529	2.35	27.342	1.715

CAST EP2-91-MB -046 DATE 10 MAY 91 TIME 0632 GMT
LAT 05 00.0S LONG 140 00.0W



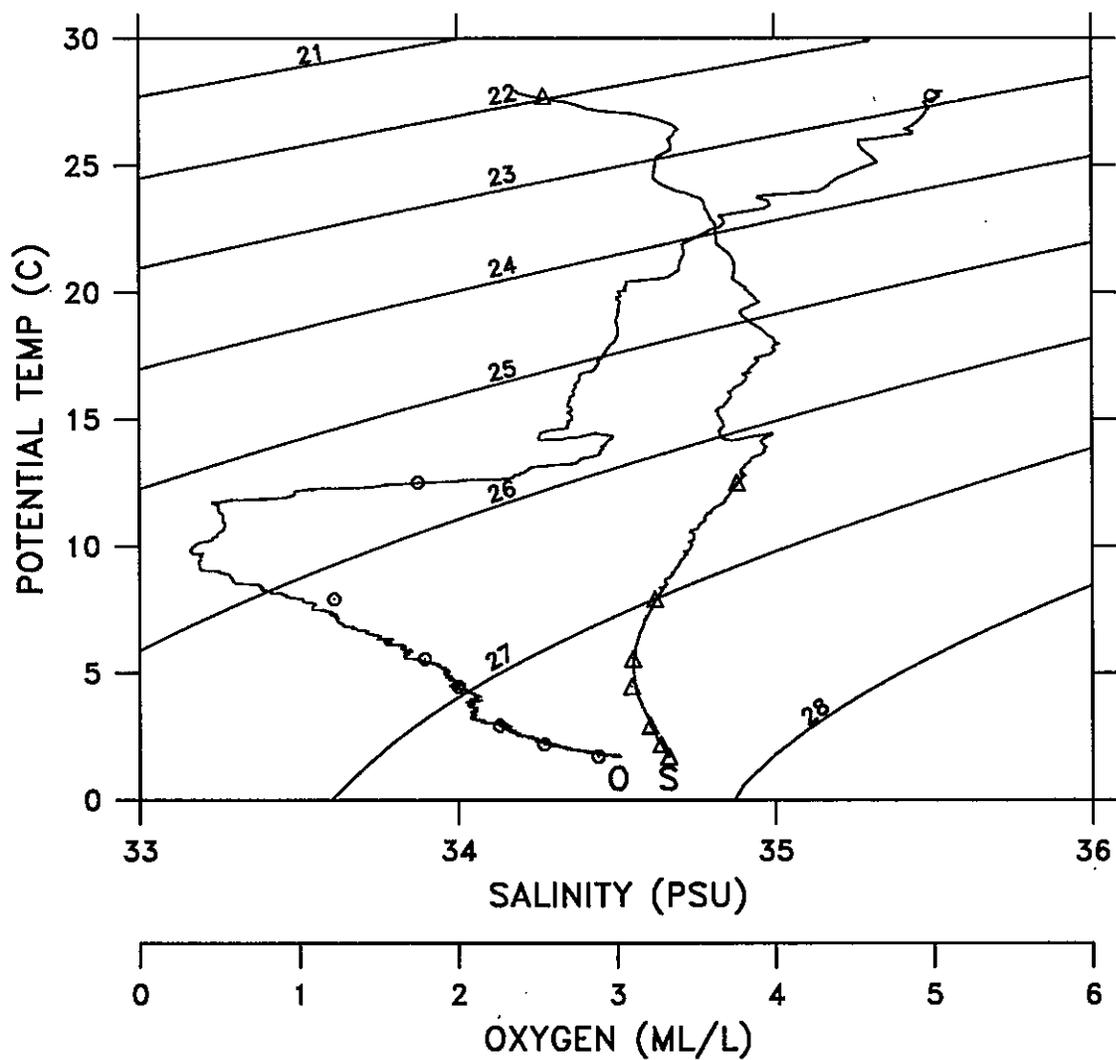
153

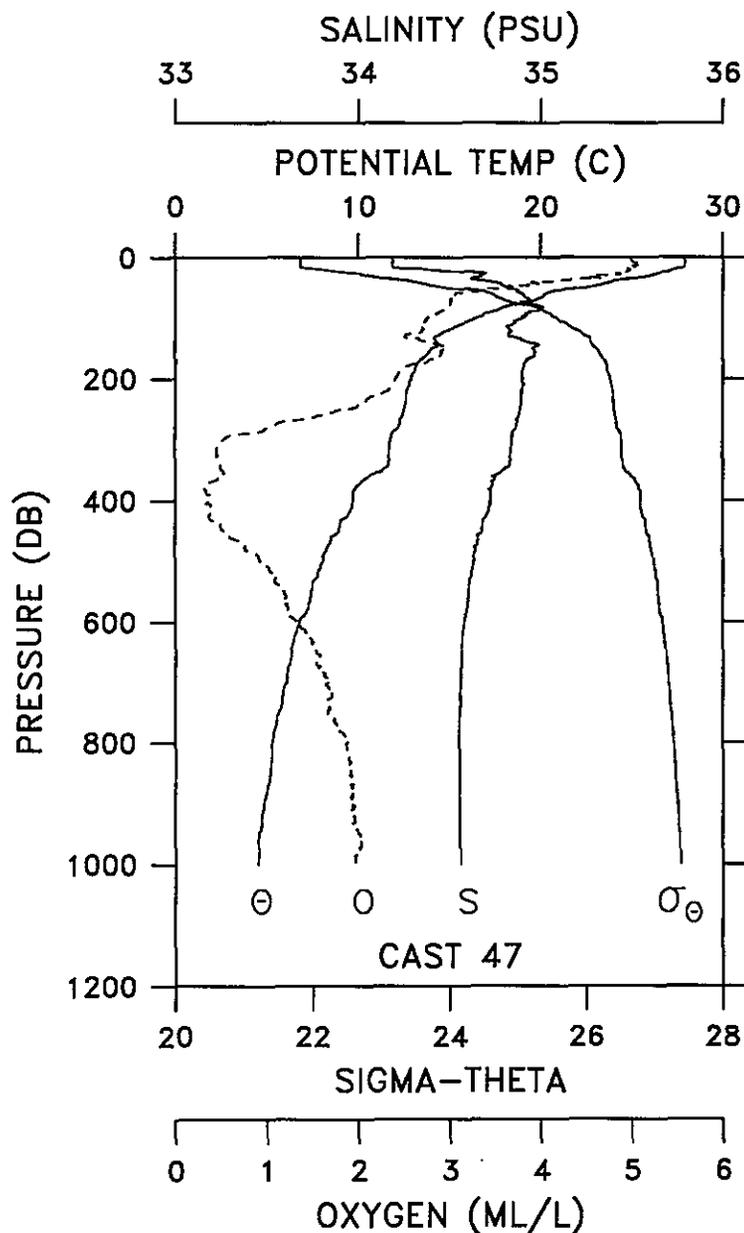


CAST EP2-91-MB -046 DATE 10 MAY 91 TIME 0632 GMT
 LAT 05 00.0S LONG 140 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 056 T SPD 07 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 27.1 WET 25.5 DEPTH 4333 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	28.462	34.906	4.70	22.175	0.000
10	28.459	34.903	4.72	22.173	0.056
20	28.305	34.901	4.79	22.223	0.113
30	28.289	34.902	4.80	22.229	0.169
40	28.282	34.903	4.80	22.232	0.225
50	28.268	34.903	4.83	22.236	0.281
60	27.847	35.156	4.84	22.565	0.336
70	27.541	35.198	4.87	22.695	0.388
80	27.182	35.235	4.84	22.839	0.439
90	26.954	35.339	4.79	22.990	0.489
100	26.773	35.542	4.63	23.200	0.537
110	26.368	35.734	4.45	23.474	0.583
120	24.511	35.983	4.22	24.235	0.624
130	23.292	36.134	3.92	24.710	0.658
140	22.985	36.144	3.89	24.808	0.691
150	21.869	36.009	3.77	25.023	0.721
160	19.971	35.739	3.65	25.334	0.750
170	17.865	35.458	3.14	25.657	0.775
180	16.555	35.302	2.49	25.852	0.798
190	15.088	35.146	1.97	26.066	0.819
200	13.899	35.039	1.47	26.239	0.838
250	11.759	34.876	1.38	26.539	0.921
300	10.885	34.809	1.58	26.648	0.996
350	10.235	34.769	0.90	26.732	1.067
400	9.315	34.715	0.58	26.844	1.134
450	8.535	34.669	0.62	26.933	1.196
500	7.930	34.633	0.96	26.996	1.255
550	7.569	34.617	1.08	27.037	1.311
600	7.193	34.601	1.17	27.078	1.366
650	6.861	34.585	1.38	27.111	1.419
700	6.407	34.565	1.68	27.156	1.471
750	6.036	34.554	1.75	27.196	1.520
800	5.679	34.549	1.94	27.237	1.568
900	5.101	34.545	2.01	27.303	1.658
1000	4.439	34.550	2.18	27.382	1.741
1500	2.956	34.601	2.56	27.571	2.087
2000	2.202	34.639	2.81	27.666	2.369
2500	1.731	34.664	3.15	27.724	2.622
2508	1.727	34.664	3.18	27.724	2.625

CAST EP2-91-MB -047 DATE 15 MAY 91 TIME 0338 GMT
LAT 00 10.0N LONG 109 59.9W

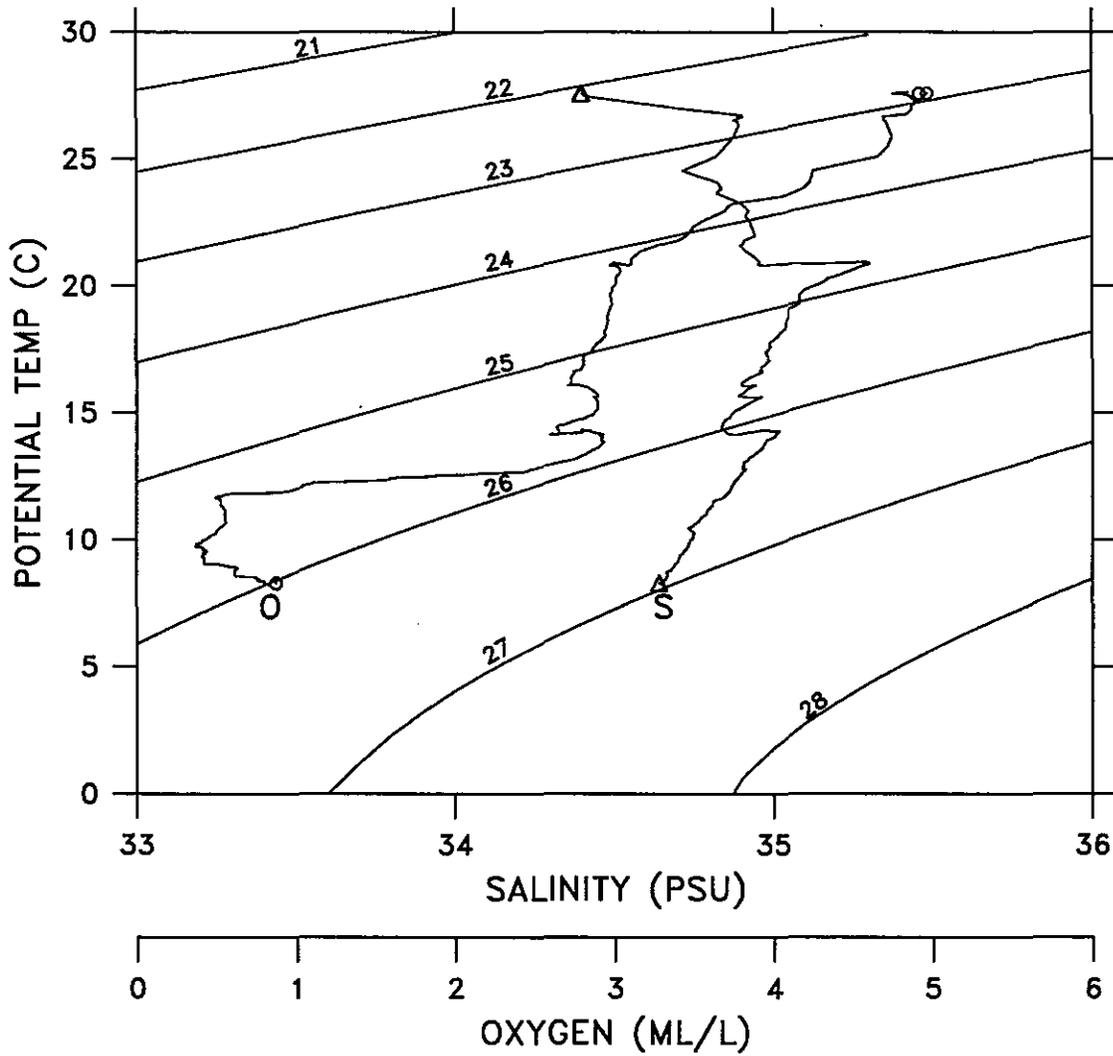




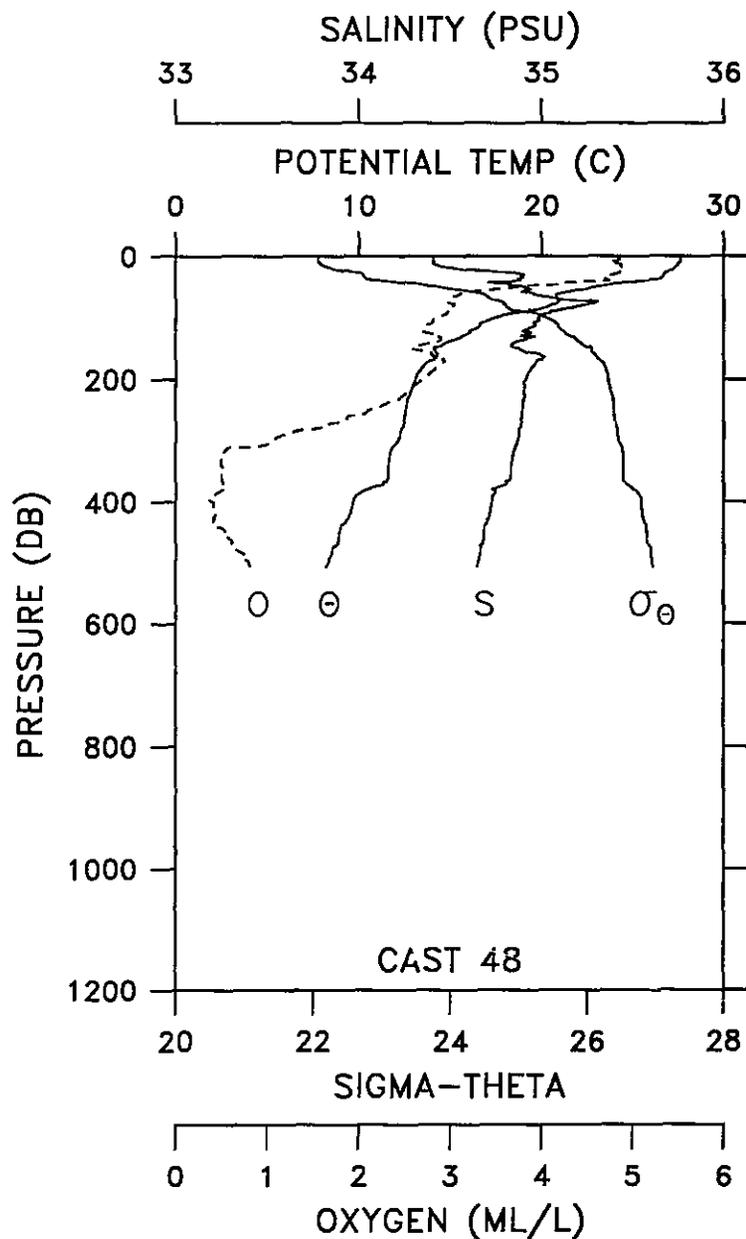
CAST EP2-91-MB -047 DATE 15 MAY 91 TIME 0338 GMT
 LAT 00 10.0N LONG 109 59.9W WEATHER 8 SEA STATE 3
 BAROMETER 15 WIND DIR 094 T SPD 14 KT VISIBILITY 7
 CLOUD 8 AMOUNT 8 DRY 26.0 WET 25.2 DEPTH 3631 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.906	34.187	4.99	21.816	0.000
10	27.898	34.184	5.01	21.816	0.060
20	27.382	34.371	4.95	22.124	0.119
30	26.012	34.663	4.61	22.778	0.173
40	23.907	34.718	4.20	23.457	0.221
50	22.548	34.814	3.65	23.924	0.263
60	20.268	34.895	3.07	24.612	0.299
70	19.704	34.940	3.00	24.794	0.331
80	18.184	34.996	3.00	25.225	0.362
90	17.280	34.946	2.88	25.407	0.388
100	16.469	34.901	2.76	25.564	0.413
110	15.691	34.849	2.70	25.703	0.437
120	14.904	34.833	2.69	25.865	0.460
130	14.314	34.825	2.51	25.986	0.481
140	14.304	34.928	2.78	26.068	0.501
150	14.062	34.957	2.93	26.142	0.520
160	13.806	34.966	2.91	26.202	0.539
170	13.343	34.920	2.76	26.262	0.557
180	13.122	34.904	2.51	26.294	0.575
190	12.990	34.893	2.44	26.313	0.593
200	12.867	34.900	2.40	26.343	0.610
250	12.506	34.887	1.90	26.404	0.695
300	11.759	34.839	0.53	26.511	0.777
350	11.303	34.796	0.51	26.562	0.856
400	9.690	34.722	0.36	26.788	0.926
450	8.925	34.678	0.53	26.878	0.991
500	8.026	34.631	0.92	26.980	1.051
550	7.418	34.602	1.19	27.046	1.108
600	6.794	34.579	1.33	27.116	1.162
650	6.322	34.565	1.53	27.168	1.212
700	6.058	34.560	1.67	27.197	1.261
750	5.650	34.555	1.66	27.245	1.308
800	5.307	34.551	1.89	27.283	1.353
900	4.847	34.554	1.95	27.339	1.439
1000	4.489	34.559	1.97	27.383	1.520
1500	2.961	34.604	2.30	27.572	1.867
2000	2.188	34.639	2.59	27.668	2.150
2500	1.710	34.660	3.00	27.722	2.400
2506	1.709	34.661	3.01	27.722	2.403

CAST EP2-91-MB -048 DATE 16 MAY 91 TIME 2049 GMT
LAT 00 02.4N LONG 110 01.3W



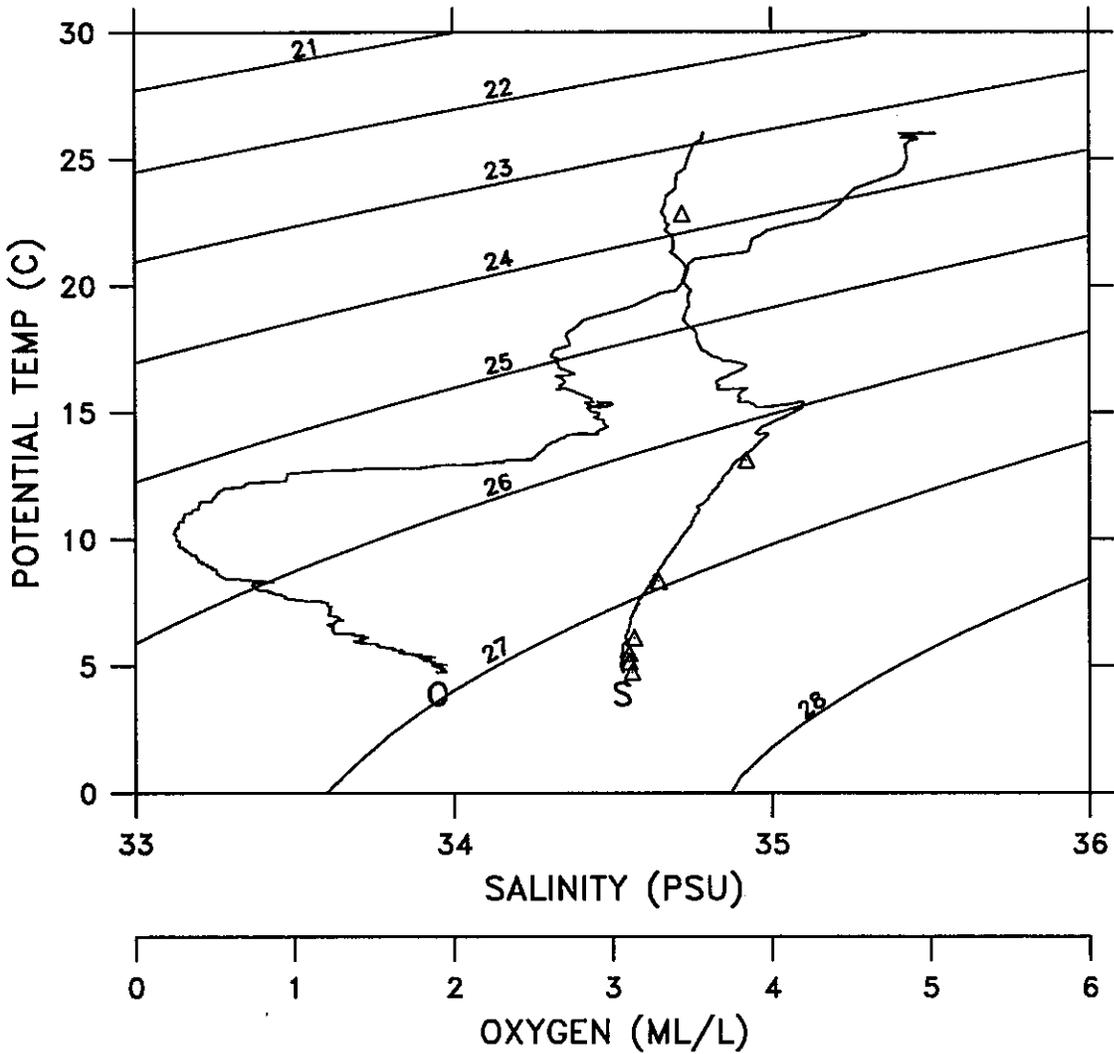
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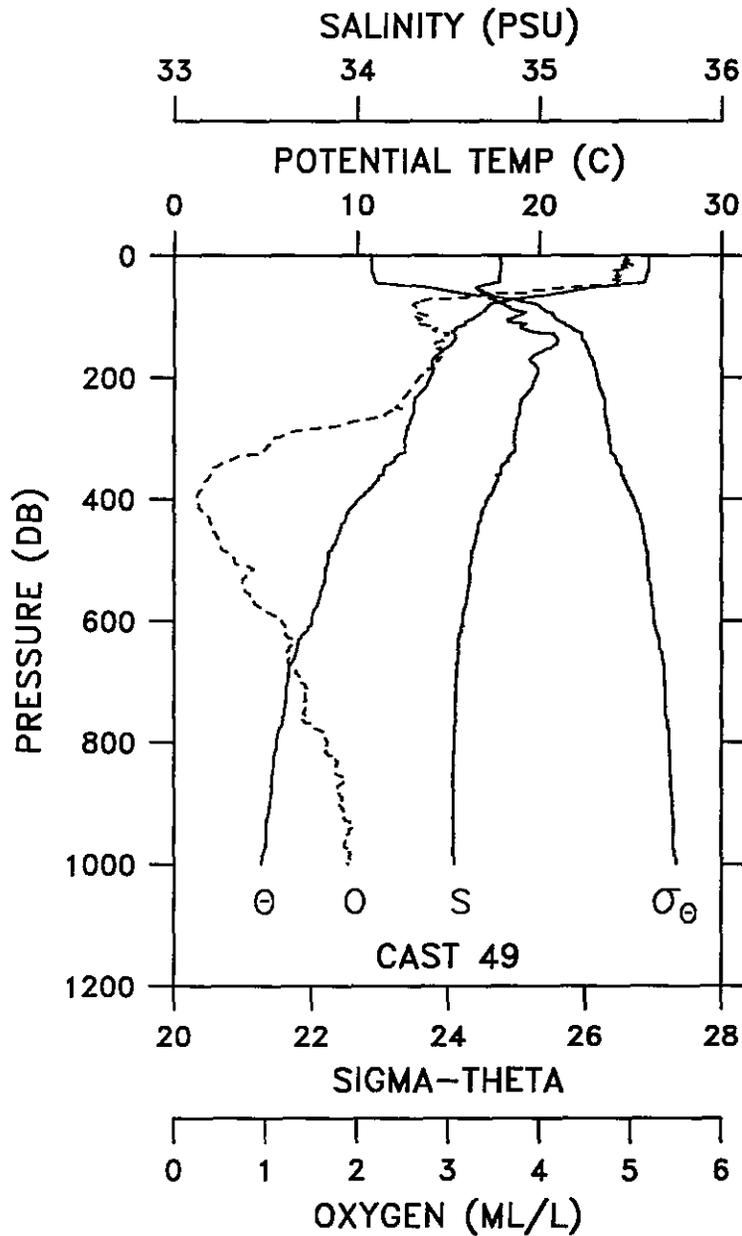
CAST EP2-91-MB -048 DATE 16 MAY 91 TIME 2049 GMT
 LAT 00 02.4N LONG 110 01.3W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 139 T SPD 14 KT VISIBILITY 7
 CLOUD 4 AMOUNT 4 DRY 27.1 WET 25.1 DEPTH 3600 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	27.622	34.407	4.85	22.074	0.000
10	27.568	34.407	4.75	22.091	0.057
20	27.268	34.534	4.90	22.284	0.114
30	26.722	34.903	4.77	22.735	0.167
40	25.509	34.848	4.72	23.072	0.218
50	22.966	34.922	3.69	23.886	0.261
60	21.077	34.947	3.11	24.434	0.299
70	20.872	35.100	3.03	24.606	0.333
80	20.423	35.208	3.02	24.809	0.365
90	18.749	35.049	2.96	25.123	0.396
100	17.386	34.978	2.86	25.406	0.423
110	16.641	34.956	2.76	25.566	0.448
120	16.187	34.900	2.73	25.629	0.473
130	15.608	34.919	2.89	25.775	0.496
140	14.762	34.853	2.81	25.911	0.518
150	14.139	34.882	2.63	26.067	0.538
160	14.270	34.993	2.80	26.125	0.558
170	13.847	34.974	2.94	26.200	0.577
180	13.481	34.952	2.85	26.258	0.595
190	13.217	34.924	2.77	26.291	0.613
200	13.085	34.911	2.69	26.308	0.631
250	12.579	34.897	2.10	26.397	0.717
300	12.141	34.868	1.04	26.460	0.800
350	11.628	34.835	0.51	26.531	0.880
400	9.696	34.727	0.40	26.790	0.954
450	8.960	34.685	0.56	26.878	1.019
500	8.328	34.650	0.79	26.949	1.080
506	8.221	34.648	0.83	26.964	1.087

CAST EP2-91-MB -049 DATE 19 MAY 91 TIME 0825 GMT
LAT 00 00.0S LONG 094 59.2W



CAST EP2-91-MB -049 DATE 19 MAY 91 TIME 0825 GMT
 LAT 00 00.0S LONG 094 59.2W WEATHER 1 SEA STATE 2
 BAROMETER 13 WIND DIR 170 T SPD 10 KT VISIBILITY 7
 CLOUD 2 AMOUNT 1 DRY 24.6 WET 24.0 DEPTH 3334 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	OXY (ML/L)	SIG-TH	DELTA-D (DYN-M)
0	25.995	34.783	4.95	22.873	0.000
10	25.996	34.787	4.92	22.876	0.050
20	25.999	34.786	4.97	22.874	0.100
30	25.909	34.783	4.86	22.900	0.149
40	25.814	34.779	4.86	22.926	0.199
50	23.530	34.669	4.48	23.530	0.247
60	21.407	34.690	3.86	24.148	0.287
70	19.080	34.733	3.08	24.798	0.322
80	17.282	34.803	2.62	25.297	0.351
90	17.011	34.870	2.64	25.413	0.377
100	16.447	34.865	2.72	25.541	0.402
110	15.899	34.855	2.65	25.660	0.426
120	15.391	34.911	2.86	25.818	0.449
130	15.364	35.079	2.99	25.953	0.471
140	15.322	35.101	2.94	25.979	0.491
150	14.983	35.069	2.89	26.029	0.512
160	14.557	34.996	2.95	26.066	0.532
170	14.167	34.950	2.90	26.114	0.551
180	14.152	34.980	2.83	26.140	0.571
190	14.110	34.989	2.74	26.156	0.590
200	13.984	34.978	2.68	26.174	0.609
250	13.111	34.893	2.49	26.289	0.700
300	12.643	34.865	1.10	26.360	0.789
350	11.469	34.789	0.41	26.526	0.873
400	10.113	34.719	0.26	26.714	0.949
450	9.065	34.660	0.42	26.842	1.016
500	8.428	34.627	0.66	26.916	1.079
550	8.008	34.606	0.77	26.964	1.139
600	7.515	34.580	1.17	27.015	1.197
650	6.663	34.555	1.25	27.115	1.252
700	6.208	34.542	1.38	27.164	1.302
750	6.019	34.542	1.43	27.188	1.352
800	5.593	34.532	1.67	27.234	1.400
900	5.225	34.528	1.82	27.275	1.491
1000	4.748	34.533	1.90	27.334	1.579
1004	4.749	34.534	1.90	27.335	1.583

CAST EP2-91-MB -022 LAT 08 53.4N LONG 140 15.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	26.893	34.235	4.85	26.890	22.179
252.	10.422	34.714	0.32	10.392	26.661
503.	7.581	34.566	0.25	7.531	27.002
753.	5.514	34.551	0.66	5.450	27.266
1003.	4.414	34.565	1.15	4.335	27.405
1505.	3.034	34.607	1.85	2.925	27.578
2006.	2.274	34.639	2.41	2.133	27.672
2507.	1.891	34.671	2.64	1.712	27.730

CAST EP2-91-MB -025 LAT 07 01.9N LONG 139 57.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	27.815	34.512	4.82	27.812	22.091
51.	27.794	34.512	4.81	27.782	22.101
252.	10.202	34.697	1.02	10.172	26.686
503.	7.830	34.695	0.23	7.779	27.067
703.	5.995	34.550	0.34	5.933	27.206
804.	5.319	34.552	0.69	5.251	27.291
904.	4.859	34.556	1.01	4.785	27.348
1005.	4.461	34.564	1.19	4.381	27.399

CAST EP2-91-MB -023 LAT 08 57.8N LONG 140 18.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	26.862	34.297	5.04	26.859	22.235
51.	26.865	34.214	4.92	26.853	22.175
102.	13.728	34.457	1.38	13.714	25.828
151.	11.970	34.745	0.31	11.950	26.401
202.	11.031	34.726	0.44	11.006	26.562
302.	10.073	34.696	0.24	10.038	26.709
402.	9.126	34.643	0.25	9.082	26.826
506.	7.778	34.568	0.40	7.727	26.975

CAST EP2-91-MB -026 LAT 05 59.7N LONG 140 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	28.080	34.611	4.87	28.077	22.079
51.	28.085	34.607	4.87	28.073	22.077
251.	10.118	34.689	1.29	10.089	26.694
503.	8.197	34.620	0.28	8.145	26.954
703.	6.113	34.557	0.63	6.050	27.196
803.	5.392	34.589	0.92	5.324	27.311
905.	4.921	34.556	1.22	4.847	27.341
1004.	4.524	34.565	1.30	4.444	27.393

CAST EP2-91-MB -024 LAT 08 00.0N LONG 140 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	27.433	34.296	4.89	27.431	22.052
50.	27.440	34.296	5.03	27.428	22.053
251.	10.300	34.700	0.99	10.270	26.672
503.	7.926	34.602	0.32	7.875	26.980
703.	5.830	34.549	0.60	5.768	27.226
803.	5.314	34.554	0.83	5.246	27.293
903.	4.820	34.567	0.97	4.747	27.361
1003.	4.371	34.567	1.14	4.292	27.411

CAST EP2-91-MB -027 LAT 05 05.0N LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	28.090	34.548	4.86	28.088	22.028
51.	28.083	34.551	4.78	28.071	22.036
252.	10.007	34.688	1.48	9.978	26.713
503.	8.185	34.619	0.74	8.133	26.955
703.	6.438	34.561	0.82	6.373	27.158
804.	5.615	34.551	1.13	5.545	27.255
904.	5.103	34.554	1.22	5.028	27.319
1005.	4.713	34.559	1.51	4.631	27.368

CAST EP2-91-MB -028 LAT 04 00.1N LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
12.	28.286	34.533	5.01	28.283	21.953
51.	28.159	34.676	4.97	28.147	22.105
252.	9.885	34.673	1.67	9.856	26.721
503.	8.053	34.617	0.86	8.001	26.973
702.	6.184	34.561	1.43	6.121	27.191
804.	5.620	34.551	1.63	5.550	27.254
904.	9.010	34.553	1.60	8.908	26.783
1005.	4.671	34.561	1.65	4.590	27.374

CAST EP2-91-MB -029 LAT 03 00.3N LONG 139 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.265	34.737	4.98	28.263	22.113
51.	27.961	34.732	4.93	27.949	22.212
252.	11.327	34.793	1.09	11.295	26.561
502.	8.749	34.646	1.23	8.695	26.890
702.	6.086	34.557	1.46	6.023	27.200
803.	5.435	34.554	1.86	5.367	27.279
903.	4.979	34.553	1.83	4.904	27.332
1005.	4.596	34.559	1.84	4.515	27.380

CAST EP2-91-MB -030 LAT 02 04.4N LONG 140 01.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	27.916	34.763	4.90	27.913	22.247
252.	11.762	34.827	1.27	11.730	26.507
501.	8.140	34.621	0.97	8.088	26.963
753.	5.930	34.551	1.74	5.863	27.215
1003.	4.690	34.564	1.94	4.609	27.374
1505.	3.074	34.605	2.10	2.965	27.573
2005.	2.326	34.645	2.46	2.184	27.673
2506.	1.852	34.665	2.85	1.674	27.728

CAST EP2-91-MB -031 LAT 01 59.8N LONG 140 03.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.041	34.745	4.88	28.039	22.192
10.	28.041	34.745	4.88	28.039	22.192
489.	8.923	34.659	0.96	8.870	26.872
489.	8.923	34.659	0.97	8.870	26.872

CAST EP2-91-MB -032 LAT 02 23.5N LONG 140 02.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
50.	27.624	34.818	0.00	27.612	22.386
152.	12.328	34.796	0.00	12.308	26.372
252.	11.561	34.808	0.00	11.529	26.529

CAST EP2-91-MB -033 LAT 02 04.2N LONG 140 35.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
52.	27.549	34.775	0.00	27.537	22.378
153.	12.750	34.694	0.00	12.729	26.210
253.	11.654	34.820	0.00	11.622	26.521

CAST EP2-91-MB -034 LAT 02 01.1N LONG 139 33.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
51.	27.928	34.950	0.00	27.916	22.387
151.	13.556	34.678	0.00	13.535	26.036
252.	11.779	34.835	0.00	11.747	26.510

CAST EP2-91-MB -035 LAT 01 40.4N LONG 140 05.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
51.	27.870	34.940	0.00	27.858	22.398
152.	13.111	34.714	0.00	13.090	26.154
260.	11.769	34.832	0.00	11.735	26.509

CAST EP2-91-MB -036 LAT 01 30.4N LONG 140 07.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	27.896	34.882	4.96	27.893	22.343
50.	27.733	34.888	5.13	27.721	22.403
251.	11.869	34.839	1.40	11.837	26.496
501.	8.350	34.629	1.16	8.297	26.938
703.	6.087	34.552	1.77	6.024	27.196
803.	5.490	34.548	1.88	5.421	27.267
903.	4.936	34.550	1.97	4.862	27.334
1004.	4.497	34.560	1.95	4.417	27.392

CAST EP2-91-MB -037 LAT 01 00.0N LONG 140 07.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	27.756	34.857	4.99	27.753	22.370
51.	26.797	34.904	4.82	26.785	22.716
252.	11.850	34.839	1.27	11.817	26.499
502.	8.194	34.631	1.02	8.142	26.963
702.	6.310	34.558	1.65	6.246	27.172
804.	5.521	34.548	1.85	5.452	27.264
904.	5.083	34.546	1.93	5.008	27.315
1005.	4.619	34.556	2.01	4.538	27.376

CAST EP2-91-MB -038 LAT 00 29.6N LONG 140 10.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	27.434	34.948	4.93	27.432	22.542
51.	26.323	35.037	4.40	26.312	22.966
251.	12.087	34.852	1.65	12.054	26.464
502.	7.967	34.621	1.06	7.916	26.989
702.	6.299	34.557	1.56	6.235	27.173
803.	5.544	34.547	1.70	5.475	27.260
903.	4.891	34.553	1.90	4.817	27.342
1004.	4.436	34.559	1.91	4.357	27.398

CAST EP2-91-MB -039 LAT 00 02.9N LONG 140 03.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	27.366	35.113	4.81	27.363	22.688
51.	26.847	35.119	4.48	26.835	22.862
252.	12.252	34.856	2.02	12.219	26.436
502.	8.335	34.638	0.88	8.282	26.947
703.	6.468	34.561	1.59	6.403	27.154
804.	5.431	34.547	1.76	5.362	27.274
902.	5.031	34.548	1.90	4.956	27.322
1005.	4.588	34.554	0.00	4.507	27.377

CAST EP2-91-MB -040 LAT 00 29.6S LONG 140 08.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	27.578	35.186	4.86	27.575	22.675
49.	27.310	35.200	2.20	27.299	22.775
252.	12.153	34.858	1.79	12.120	26.456
502.	8.497	34.648	0.91	8.444	26.930
703.	6.522	34.564	1.54	6.457	27.149
803.	5.565	34.549	1.70	5.496	27.259
903.	5.055	34.551	1.98	4.980	27.322
1005.	4.620	34.555	1.93	4.539	27.375

CAST EP2-91-MB -043 LAT 01 58.8S LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	28.030	35.146	5.73	28.027	22.498
51.	27.899	35.138	5.81	27.887	22.538
252.	12.134	34.869	0.97	12.101	26.469
503.	8.444	34.647	1.45	8.391	26.938
703.	6.143	34.550	2.18	6.080	27.187
803.	5.547	34.543	2.30	5.478	27.257
902.	5.011	34.545	2.42	4.936	27.322
1004.	4.584	34.572	2.56	4.503	27.392

CAST EP2-91-MB -041 LAT 01 00.0S LONG 140 06.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
12.	27.660	35.175	5.53	27.657	22.640
51.	27.121	35.178	5.52	27.109	22.819
252.	11.902	34.841	1.28	11.869	26.491
503.	8.467	34.647	0.86	8.414	26.934
704.	6.500	34.565	1.54	6.435	27.153
803.	5.807	34.557	1.63	5.736	27.236
901.	5.138	34.553	2.06	5.063	27.314
1004.	4.750	34.552	1.88	4.668	27.358

CAST EP2-91-MB -044 LAT 03 00.0S LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	28.132	35.123	5.90	28.129	22.447
52.	28.037	35.155	0.85	28.025	22.505
246.	12.223	33.695	0.89	12.191	25.540
503.	8.365	34.648	0.74	8.312	26.951
703.	6.316	34.561	1.63	6.252	27.174
804.	5.689	34.555	1.73	5.619	27.249
903.	5.119	34.545	2.27	5.044	27.310
1005.	4.640	34.550	2.32	4.559	27.368

CAST EP2-91-MB -042 LAT 01 30.0S LONG 140 03.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
12.	27.861	35.199	5.68	27.858	22.593
51.	27.680	34.203	5.78	27.668	21.905
252.	11.874	34.844	1.66	11.841	26.499
503.	8.326	34.636	1.73	8.273	26.947
704.	6.482	34.565	1.89	6.417	27.155
803.	5.609	34.547	2.18	5.539	27.252
904.	5.097	34.546	2.31	5.022	27.313
1004.	4.621	34.553	2.30	4.540	27.373

CAST EP2-91-MB -045 LAT 04 00.0S LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	28.198	34.966	5.82	28.195	22.307
51.	28.144	35.012	5.82	28.132	22.363
251.	11.754	34.849	0.98	11.722	26.525
319.	10.950	34.795*	0.93	10.911*	26.632*
503.	7.971	34.628	0.97	7.920	26.994
703.	6.556	34.628	1.56	6.491	27.195
803.	5.974	34.565	2.26	5.902	27.221
903.	5.241	34.539	2.57	5.165	27.291

* Calculated from CTD values

CAST EP2-91-MB -046 LAT 05 00.0S LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	28.290	34.895	5.71	28.287	22.224
252.	11.376	34.840	2.29	11.344	26.588
502.	8.200	34.642	1.04	8.148	26.971
752.	6.136	34.550	2.03	6.068	27.189
1003.	4.479	34.536	2.54	4.399	27.375
1504.	3.021	34.601	2.83	2.912	27.575
2007.	2.336	34.637	3.32	2.194	27.665
2506.	1.908	34.664	3.58	1.729	27.724

CAST EP2-91-MB -049 LAT 00 00.0S LONG 094 59.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	25.968	34.826*	0.00	25.966*	22.915*
51.	22.830	34.718	0.00	22.820	23.773
251.	13.143	34.920	0.00	13.108	26.310
502.	8.388	34.644	0.00	8.335	26.944
705.	6.162	34.568	0.00	6.098	27.199
803.	5.556	34.552	0.00	5.487	27.263
904.	5.247	34.553	0.00	5.171	27.301
1005.	4.833	34.561	0.00	4.750	27.356

CAST EP2-91-MB -047 LAT 00 10.0N LONG 109 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	27.709	34.271	4.99	27.706	21.944
251.	12.531	34.879	1.75	12.497	26.399
502.	7.954	34.620	1.22	7.903	26.990
753.	5.615	34.550	1.79	5.550	27.253
1004.	4.540	34.546	2.00	4.460	27.376
1505.	3.036	34.604	2.26	2.927	27.576
2005.	2.323	34.638	2.54	2.181	27.667
2506.	1.887	34.662	2.88	1.708	27.724

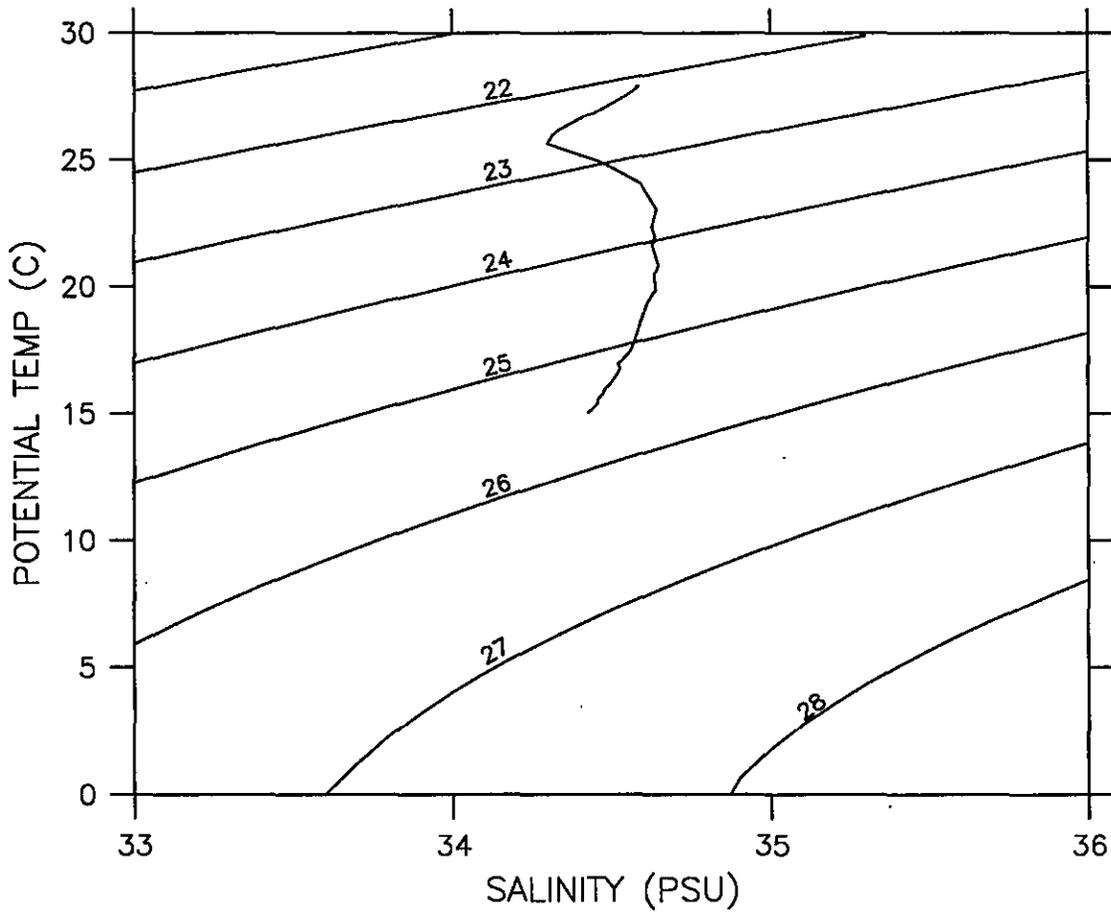
CAST EP2-91-MB -048 LAT 00 02.4N LONG 110 01.3W

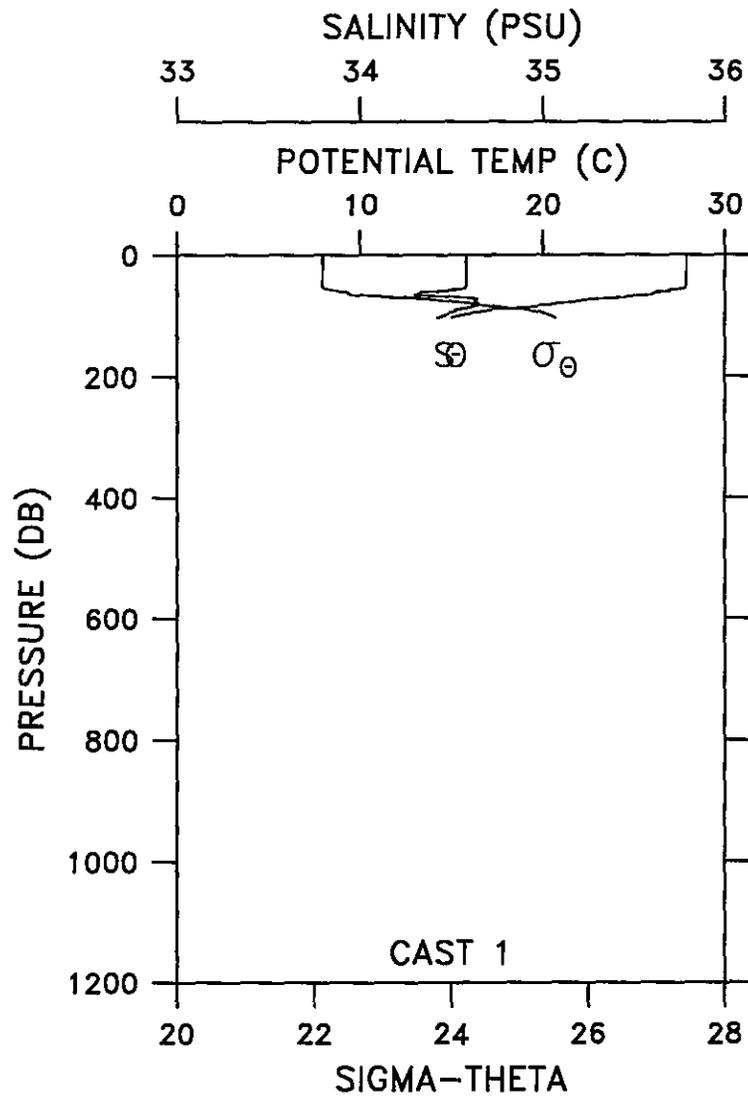
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	27.578	34.397	4.92	27.576	22.081
12.	27.589	34.401	4.97	27.586	22.081
502.	8.346	34.640	0.87	8.293	26.947
503.	8.319	34.640	0.87	8.266	26.951

* Calculated from CTD values

TG1-91-DI
July 7-27, 1991
CTD and Hydrographic Data Summary

CAST TG1-91-DI -001 DATE 15 JUL 91 TIME 1833 GMT
LAT 10 20.2N LONG 152 18.3W

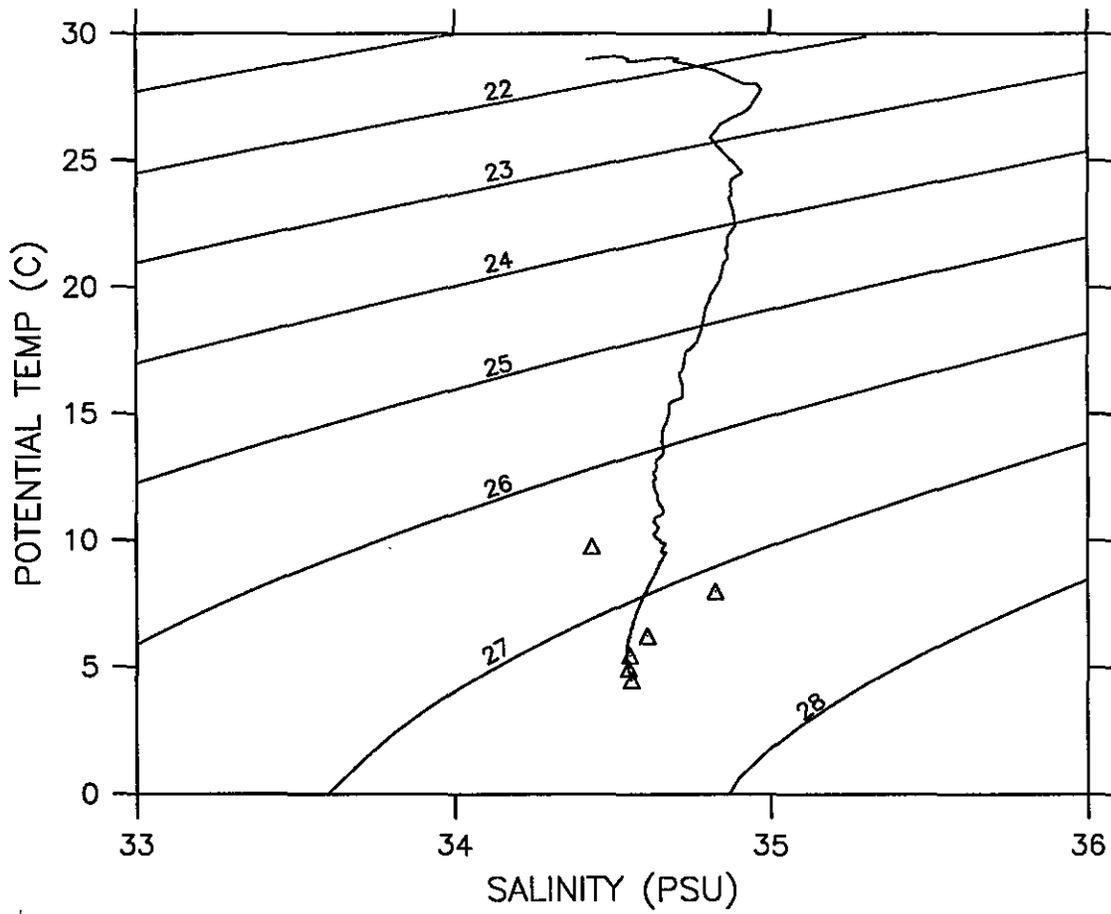




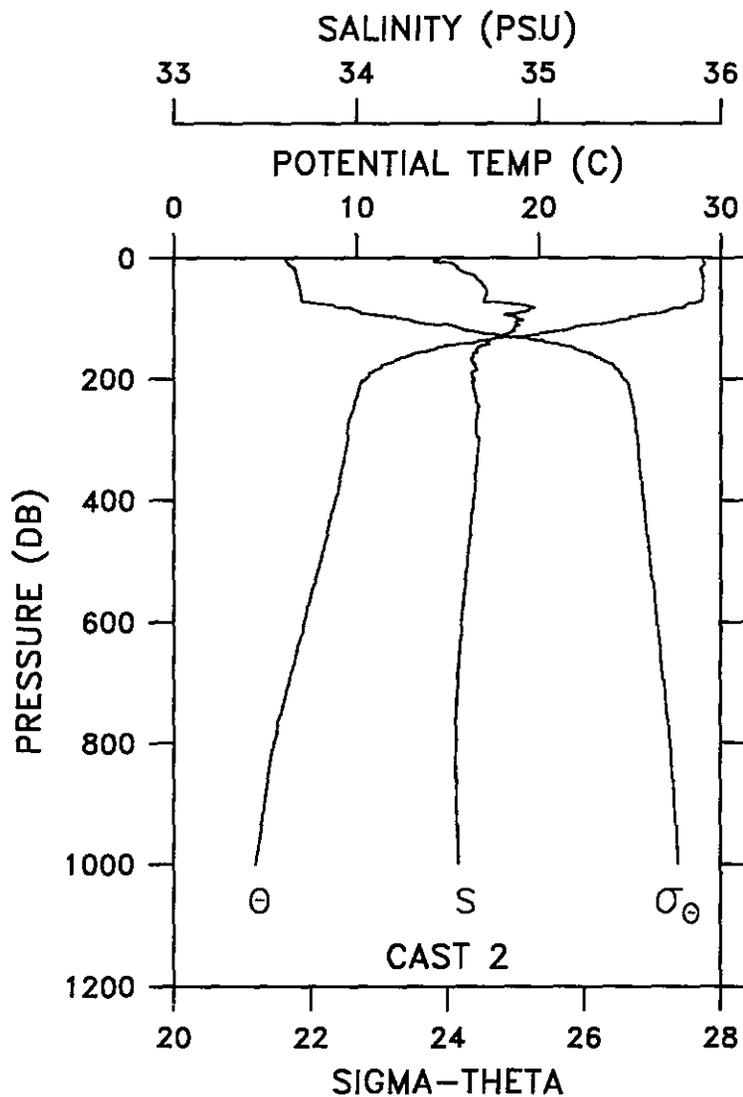
CAST TG1-91-DI-001 DATE 15 JUL 91 TIME 1833 GMT
 LAT 10 20.2N LONG 152 18.3W WEATHER SEA STATE
 BAROMETER WIND DIR T SPD KT VISIBILITY
 CLOUD AMOUNT DRY WET DEPTH 5300 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.886	34.578	22.117	0.000
10	27.885	34.579	22.118	0.057
20	27.886	34.584	22.121	0.114
30	27.886	34.584	22.121	0.171
40	27.883	34.583	22.121	0.228
50	27.875	34.582	22.123	0.285
60	26.757	34.420	22.360	0.342
70	24.069	34.591	23.313	0.394
80	20.673	34.642	24.311	0.434
90	17.164	34.536	25.120	0.467
100	15.570	34.457	25.428	0.494
104	15.041	34.424	25.520	0.504

CAST TG1-91-DI -002 DATE 17 JUL 91 TIME 0912 GMT
LAT 05 02.2N LONG 154 49.5W



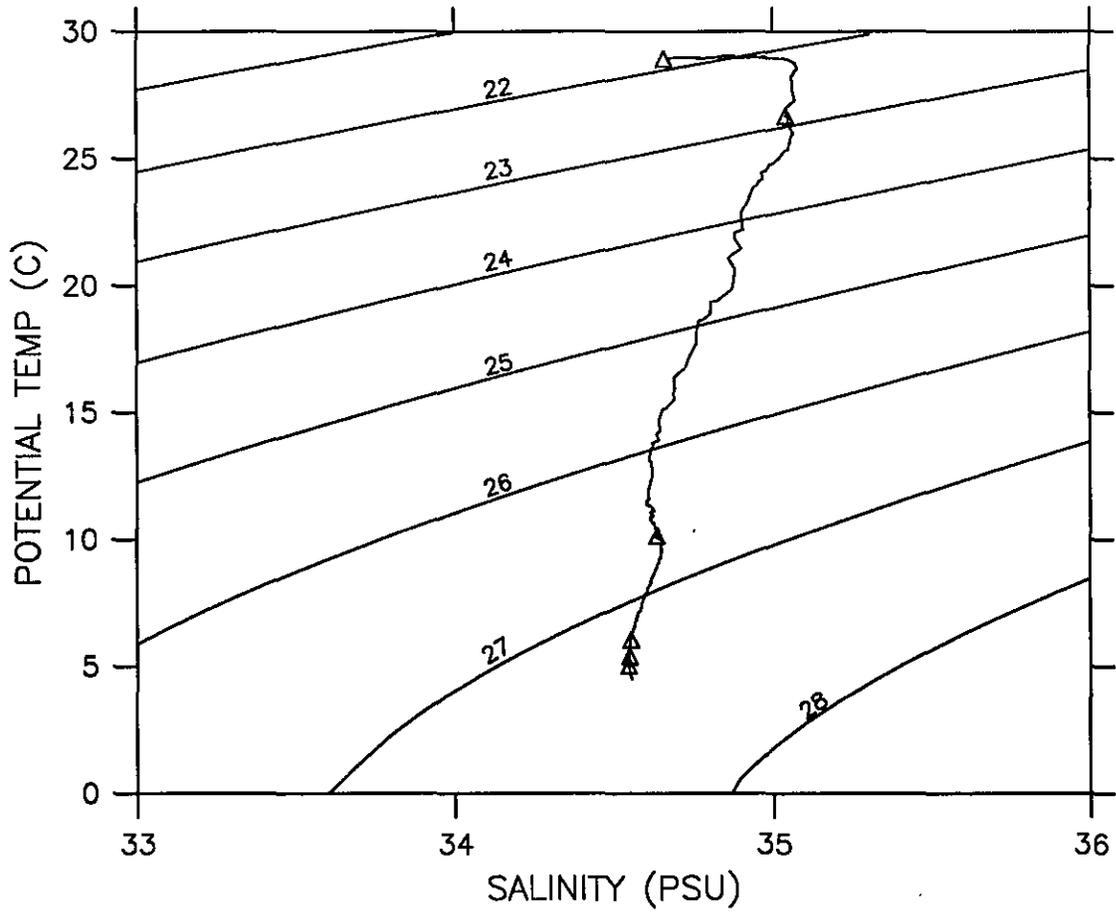
691



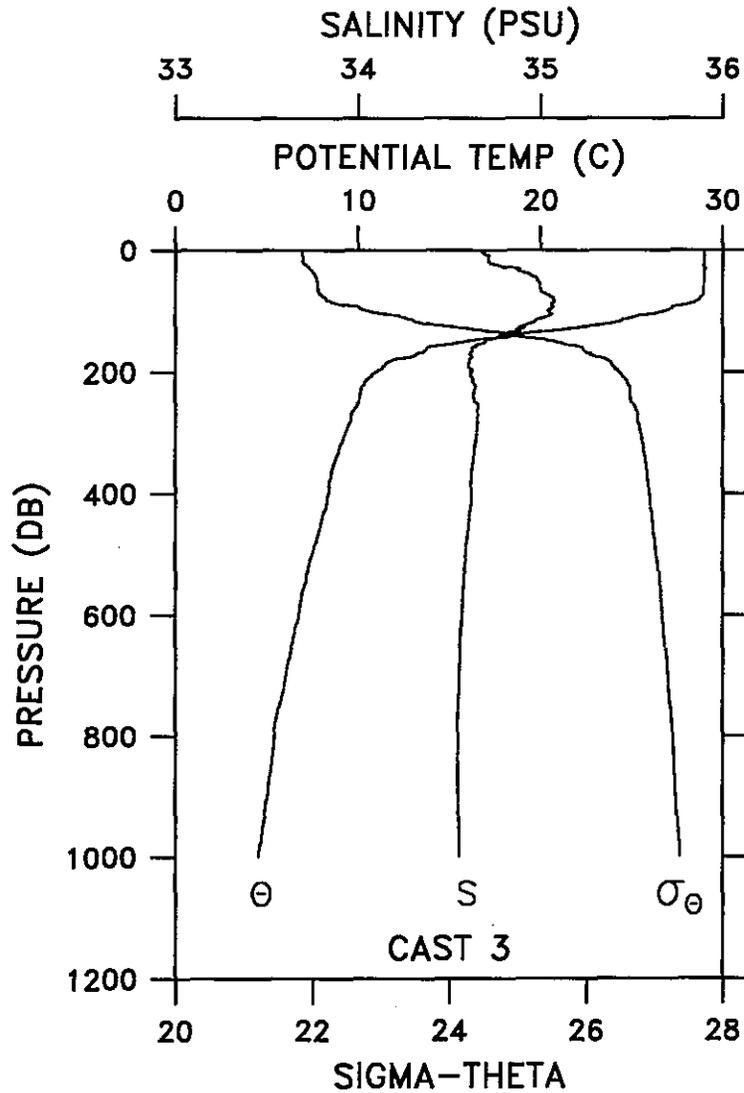
CAST TG1-91-DI -002 DATE 17 JUL 91 TIME 0912 GMT
 LAT 05 02.2N LONG 154 49.5W WEATHER 2 SEA STATE 2
 BAROMETER 12 WIND DIR 165 T SPD 04 KT VISIBILITY 6
 CLOUD 6 AMOUNT 9 DRY 25.7 WET 25.0 DEPTH 4618 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.018	34.443	21.642	0.000
10	29.106	34.530	21.678	0.062
20	28.920	34.569	21.770	0.122
30	29.032	34.654	21.796	0.183
40	29.054	34.686	21.812	0.243
50	29.034	34.710	21.838	0.303
60	29.006	34.709	21.846	0.363
70	28.947	34.701	21.860	0.422
80	28.017	34.952	22.355	0.480
90	26.774	34.899	22.716	0.533
100	24.983	34.882	23.259	0.582
110	23.015	34.886	23.845	0.626
120	21.159	34.869	24.353	0.664
130	18.898	34.793	24.890	0.698
140	16.439	34.717	25.429	0.725
150	14.296	34.659	25.862	0.748
160	13.012	34.639	26.111	0.769
170	12.062	34.633	26.293	0.787
180	11.381	34.652	26.436	0.804
190	10.776	34.634	26.531	0.820
200	10.530	34.646	26.584	0.835
250	9.835	34.668	26.721	0.906
300	9.521	34.671	26.776	0.973
350	9.200	34.656	26.817	1.038
400	8.825	34.640	26.865	1.102
450	8.428	34.625	26.914	1.164
500	8.037	34.610	26.962	1.224
550	7.518	34.590	27.023	1.282
600	7.149	34.577	27.065	1.337
650	6.709	34.565	27.116	1.390
700	6.268	34.555	27.167	1.441
750	5.879	34.548	27.211	1.490
800	5.464	34.547	27.261	1.537
900	4.978	34.548	27.320	1.624
1000	4.493	34.561	27.384	1.707
1004	4.485	34.561	27.385	1.710

CAST TG1-91-DI -003 DATE 17 JUL 91 TIME 1707 GMT
LAT 04 00.2N LONG 154 59.9W

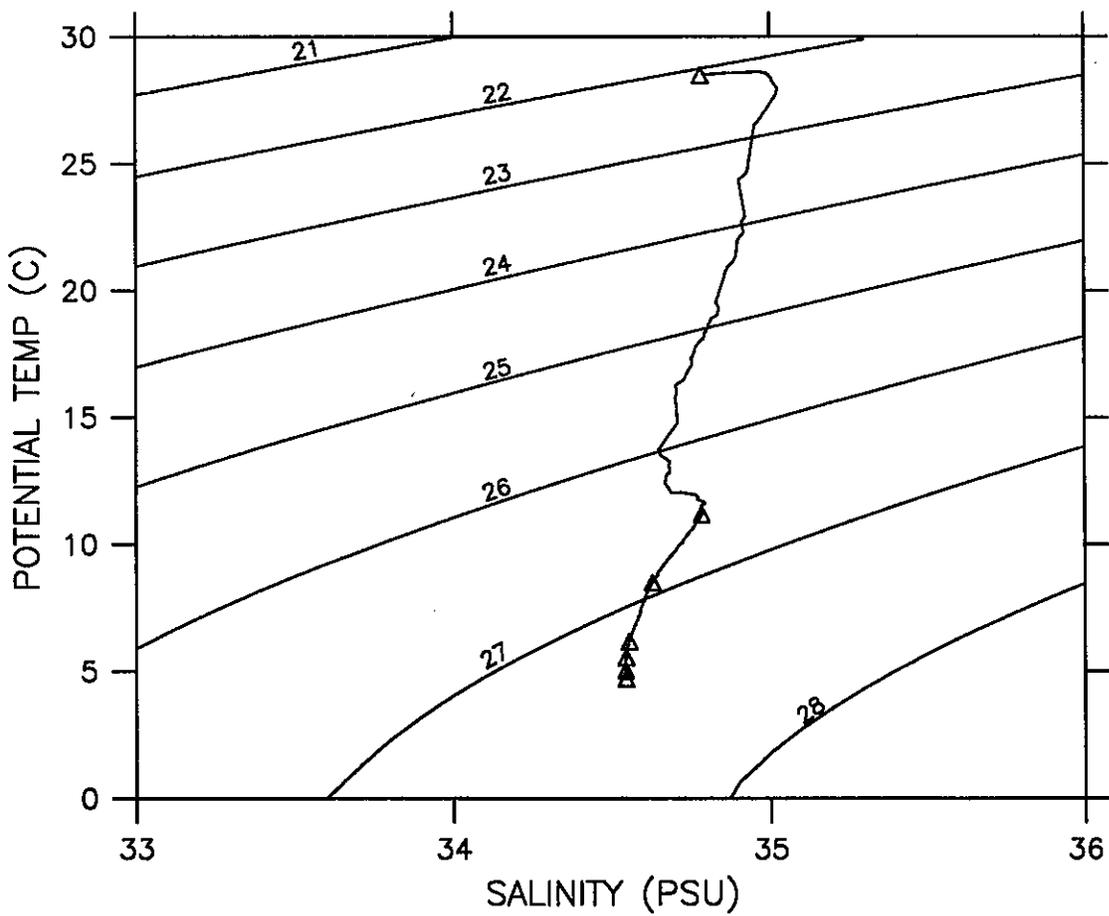


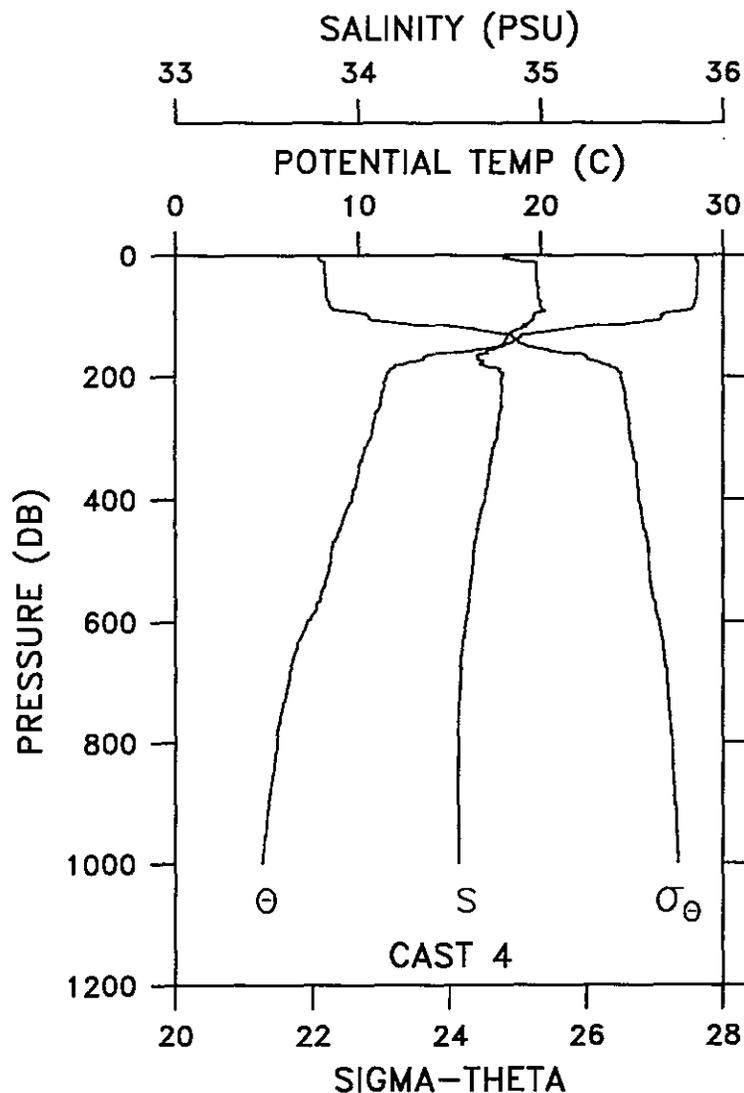
CAST TG1-91-DI -003 DATE 17 JUL 91 TIME 1707 GMT
 LAT 04 00.2N LONG 154 59.9W WEATHER 6 SEA STATE 3
 BAROMETER 12 WIND DIR 060 T SPD 07 KT VISIBILITY 7
 CLOUD 8 AMOUNT 8 DRY 24.5 WET 23.8 DEPTH 4679 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.952	34.682	21.844	0.000
10	28.987	34.715	21.857	0.060
20	28.981	34.717	21.860	0.119
30	29.061	34.881	21.956	0.178
40	28.980	34.941	22.028	0.237
50	28.974	34.983	22.063	0.294
60	28.963	34.995	22.075	0.352
70	28.943	35.024	22.104	0.410
80	28.746	35.072	22.205	0.467
90	27.985	35.064	22.450	0.522
100	26.773	35.045	22.826	0.575
110	25.094	35.026	23.334	0.623
120	23.929	34.951	23.627	0.667
130	21.192	34.873	24.346	0.707
140	18.597	34.771	24.949	0.740
150	15.914	34.697	25.535	0.768
160	13.807	34.628	25.941	0.791
170	13.193	34.613	26.055	0.811
180	11.858	34.612	26.315	0.830
190	11.426	34.608	26.393	0.847
200	11.025	34.619	26.475	0.864
250	10.051	34.645	26.666	0.937
300	9.322	34.650	26.792	1.005
350	8.704	34.631	26.876	1.068
400	8.369	34.619	26.919	1.129
450	7.958	34.607	26.972	1.188
500	7.495	34.590	27.026	1.245
550	7.065	34.577	27.076	1.299
600	6.763	34.570	27.113	1.352
650	6.382	34.561	27.156	1.403
700	6.035	34.553	27.195	1.452
750	5.704	34.550	27.234	1.499
800	5.403	34.546	27.268	1.545
900	5.037	34.548	27.313	1.633
1000	4.531	34.556	27.377	1.716
1006	4.518	34.557	27.378	1.721

CAST TG1-91-DI -004 DATE 18 JUL 91 TIME 0050 GMT
LAT 03 59.9N LONG 155 00.0W

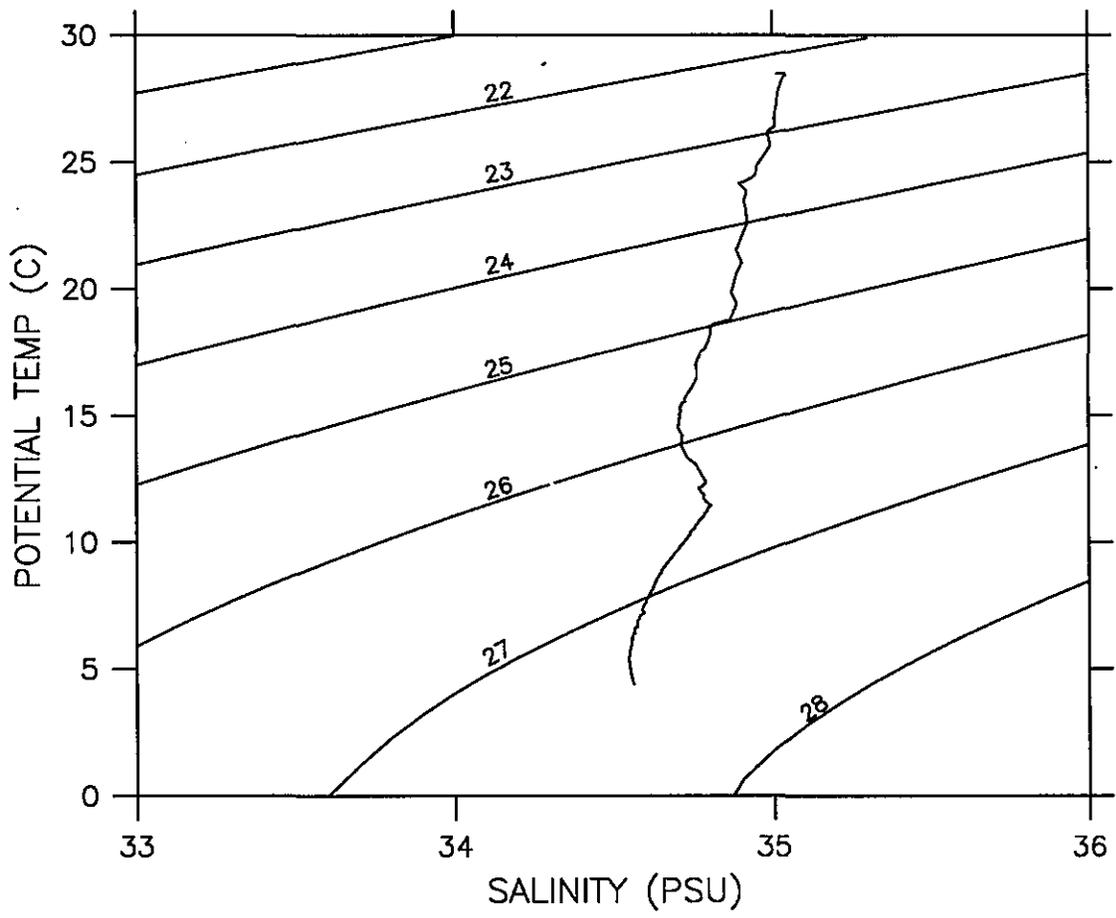




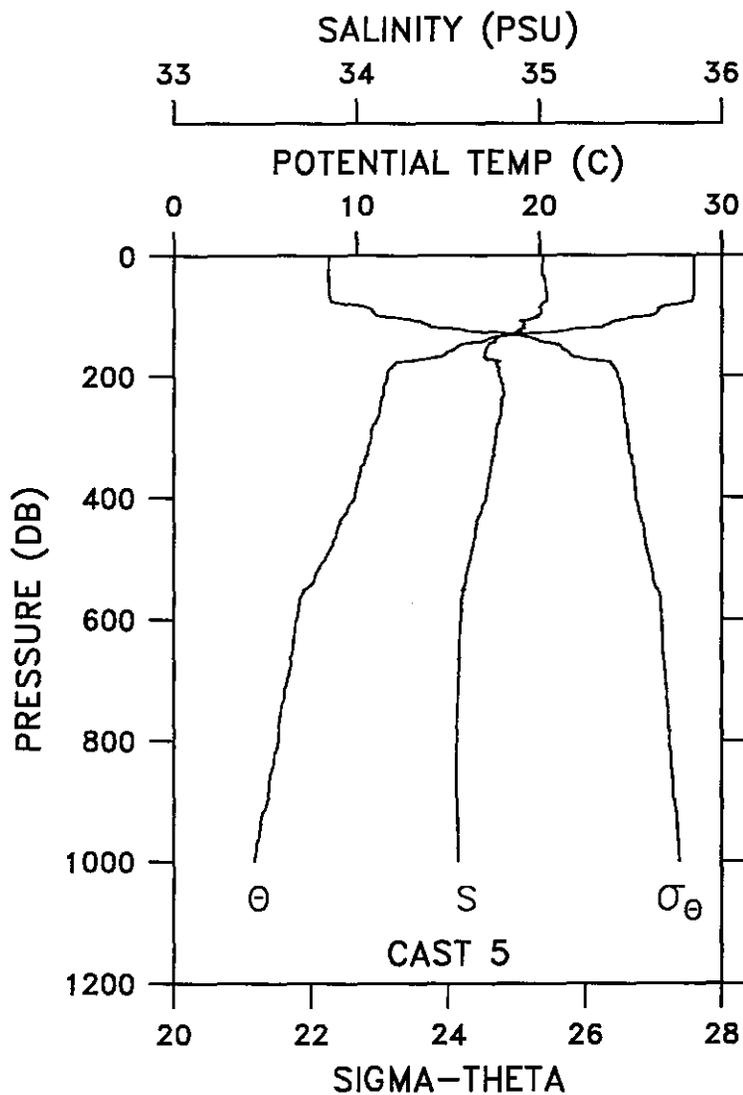
CAST TG1-91-DI-004 DATE 18 JUL 91 TIME 0050 GMT
 LAT 03 59.9N LONG 155 00.0W WEATHER 5 SEA STATE 3
 BAROMETER 11 WIND DIR 050 T SPD 18 KT VISIBILITY 6
 CLOUD 5 AMOUNT 8 DRY 23.5 WET 22.7 DEPTH 4723 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.520	34.816	22.088	0.000
10	28.558	34.870	22.116	0.057
20	28.631	34.973	22.169	0.114
30	28.614	34.973	22.175	0.170
40	28.596	34.976	22.183	0.227
50	28.582	34.980	22.191	0.284
60	28.574	34.986	22.197	0.340
70	28.546	34.986	22.207	0.397
80	28.455	34.998	22.246	0.453
90	28.134	35.015	22.364	0.509
100	26.648	34.960	22.801	0.561
110	25.731	34.941	23.075	0.611
120	21.672	34.895	24.231	0.654
130	19.313	34.838	24.818	0.689
140	18.575	34.805	24.980	0.720
150	17.874	34.772	25.129	0.749
160	15.782	34.701	25.568	0.776
170	13.557	34.656	26.014	0.797
180	12.405	34.669	26.255	0.817
190	11.725	34.774	26.466	0.833
200	11.563	34.789	26.508	0.849
250	11.163	34.784	26.578	0.926
300	10.725	34.761	26.639	1.000
350	10.014	34.717	26.729	1.070
400	9.657	34.694	26.772	1.139
450	8.962	34.650	26.850	1.205
500	8.485	34.629	26.909	1.267
550	8.031	34.611	26.964	1.328
600	7.196	34.587	27.067	1.385
650	6.551	34.567	27.139	1.438
700	6.174	34.558	27.182	1.487
750	5.807	34.549	27.221	1.536
800	5.545	34.547	27.252	1.582
900	5.122	34.546	27.301	1.672
1000	4.754	34.551	27.348	1.757
1007	4.716	34.553	27.353	1.763

CAST TG1-91-DI -005 DATE 18 JUL 91 TIME 1530 GMT
LAT 02 02.1N LONG 154 55.1W

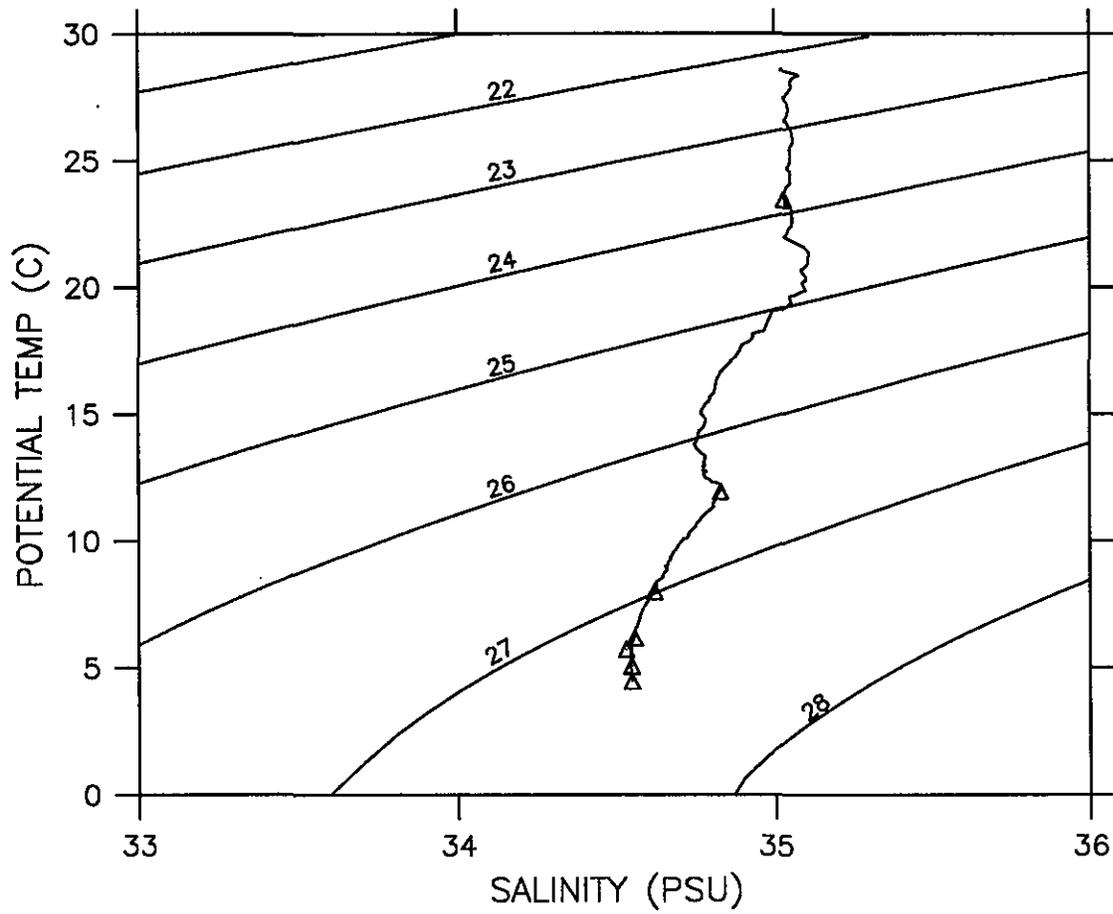


CAST TG1-91-DI -005 DATE 18 JUL 91 TIME 1530 GMT
 LAT 02 02.1N LONG 154 55.1W WEATHER 1. SEA STATE 1
 BAROMETER 09 WIND DIR 040 T SPD 07 KT VISIBILITY 9
 CLOUD 4 AMOUNT 1 DRY 26.5 WET 24.2 DEPTH 4639 M

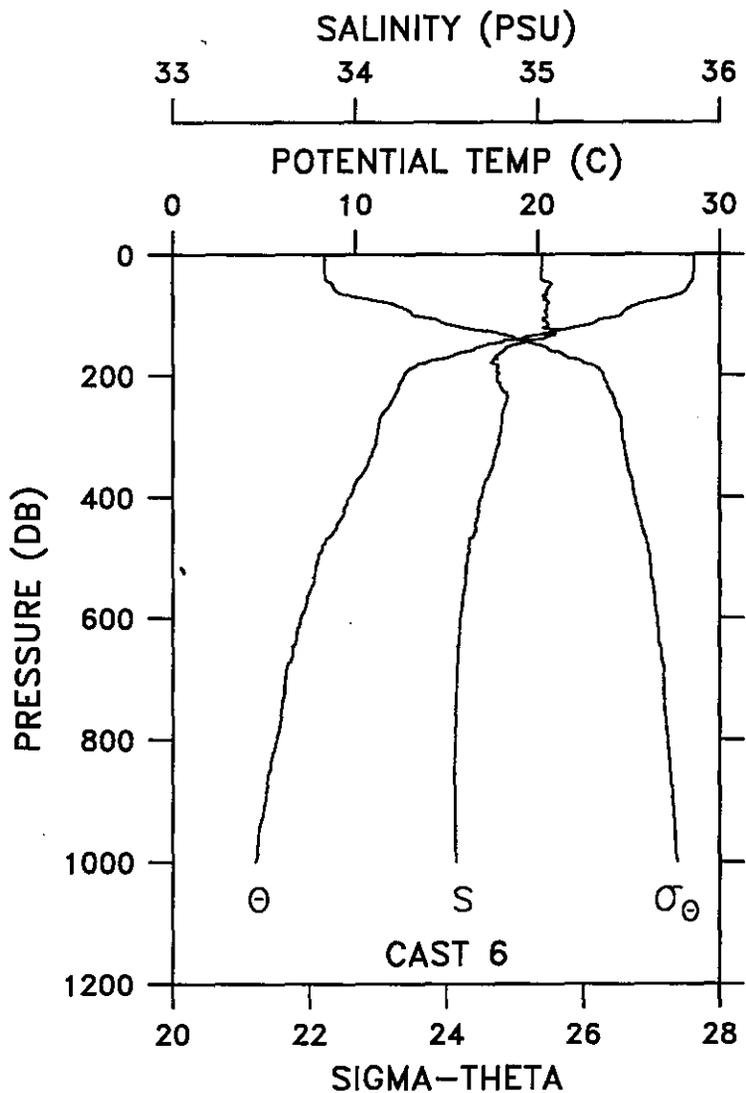


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.462	35.019	22.259	0.000
10	28.470	35.016	22.255	0.056
20	28.465	35.016	22.256	0.111
30	28.468	35.015	22.254	0.167
40	28.491	35.030	22.258	0.223
50	28.491	35.033	22.261	0.279
60	28.485	35.039	22.267	0.335
70	28.438	35.043	22.285	0.391
80	27.652	35.017	22.523	0.446
90	26.507	35.005	22.880	0.497
100	26.155	34.983	22.974	0.547
110	23.963	34.907	23.584	0.593
120	22.578	34.918	23.994	0.635
130	18.776	34.862	24.973	0.671
140	17.044	34.757	25.318	0.699
150	15.526	34.722	25.642	0.724
160	14.965	34.706	25.754	0.748
170	14.082	34.709	25.946	0.770
180	12.107	34.765	26.387	0.789
190	11.765	34.779	26.463	0.805
200	11.683	34.781	26.479	0.821
250	11.280	34.790	26.562	0.898
300	10.810	34.764	26.626	0.973
350	10.233	34.731	26.702	1.046
400	9.901	34.709	26.742	1.116
450	8.950	34.649	26.851	1.182
500	8.289	34.623	26.934	1.245
550	7.319	34.585	27.048	1.303
600	6.707	34.568	27.119	1.355
650	6.504	34.562	27.141	1.406
700	6.188	34.552	27.175	1.456
750	5.869	34.550	27.214	1.505
800	5.696	34.546	27.232	1.552
900	5.091	34.546	27.305	1.642
1000	4.426	34.557	27.389	1.724
1005	4.399	34.559	27.393	1.728

CAST TG1-91-DI -006 DATE 19 JUL 91 TIME 0842 GMT
LAT 01 00.1N LONG 155 00.0W

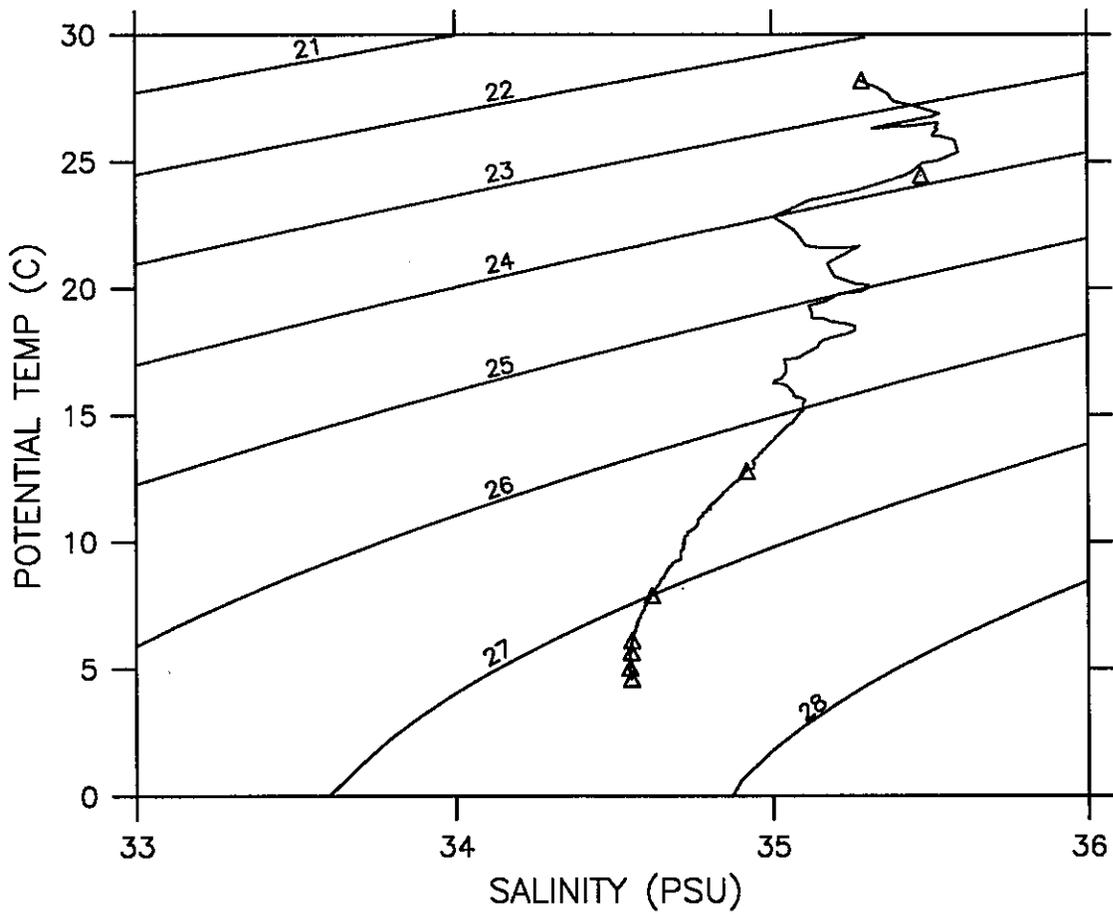


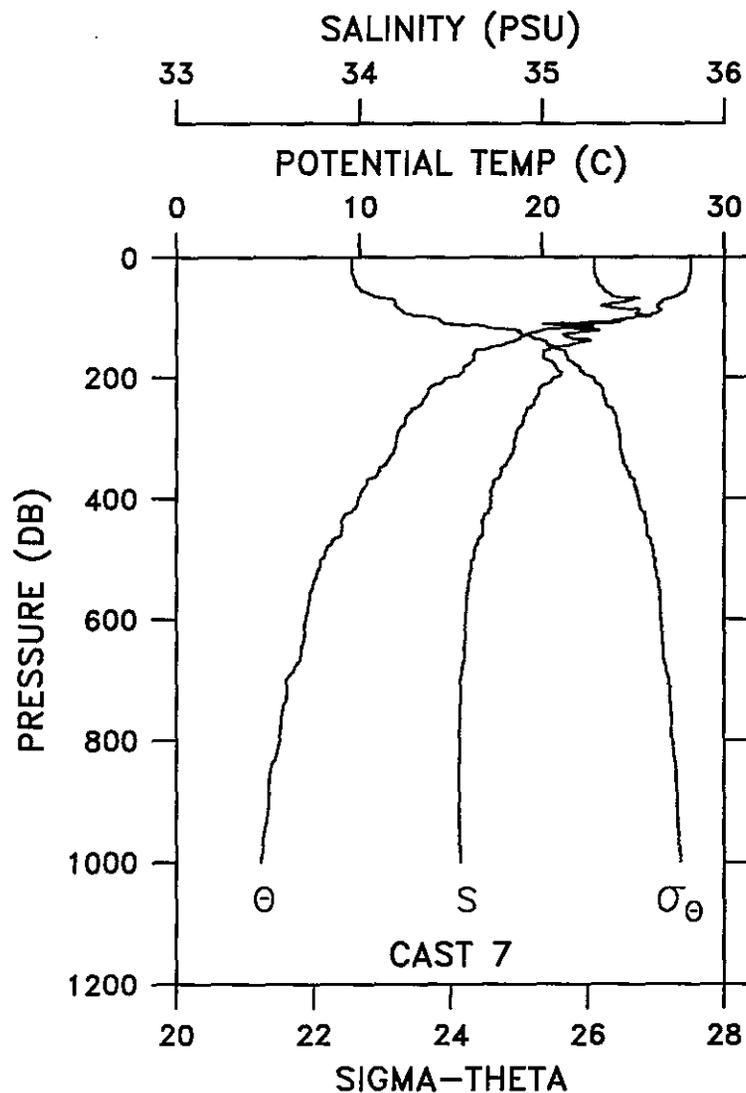
CAST TG1-91-DI-006 DATE 19 JUL 91 TIME 0842 GMT
 LAT 01 00.1N LONG 155 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 100 T SPD 13 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 27.6 WET 24.6 DEPTH 4760 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.570	35.025	22.228	0.000
10	28.589	35.023	22.220	0.056
20	28.588	35.022	22.220	0.112
30	28.580	35.021	22.222	0.168
40	28.539	35.022	22.236	0.224
50	28.335	35.074	22.343	0.280
60	28.133	35.052	22.392	0.335
70	27.385	35.031	22.620	0.389
80	25.835	35.061	23.132	0.439
90	24.981	35.049	23.386	0.485
100	24.564	35.048	23.511	0.530
110	23.270	35.031	23.881	0.572
120	22.303	35.045	24.168	0.611
130	20.505	35.091	24.698	0.647
140	19.122	35.022	25.008	0.678
150	17.255	34.876	25.359	0.706
160	16.237	34.815	25.552	0.732
170	15.165	34.771	25.760	0.755
180	13.913	34.754	26.016	0.777
190	12.934	34.775	26.232	0.796
200	12.670	34.778	26.287	0.814
250	11.863	34.819	26.475	0.898
300	11.212	34.794	26.577	0.976
350	10.630	34.753	26.650	1.051
400	9.724	34.694	26.760	1.121
450	8.961	34.659	26.858	1.187
500	7.987	34.617	26.975	1.248
550	7.555	34.598	27.024	1.305
600	7.012	34.576	27.084	1.360
650	6.554	34.563	27.135	1.413
700	6.159	34.557	27.182	1.463
750	5.984	34.551	27.200	1.511
800	5.706	34.548	27.233	1.559
900	5.075	34.546	27.306	1.649
1000	4.511	34.554	27.377	1.732
1004	4.502	34.553	27.377	1.735

CAST TG1-91-DI -007 DATE 19 JUL 91 TIME 1944 GMT
LAT 00 01.6S LONG 155 01.7W

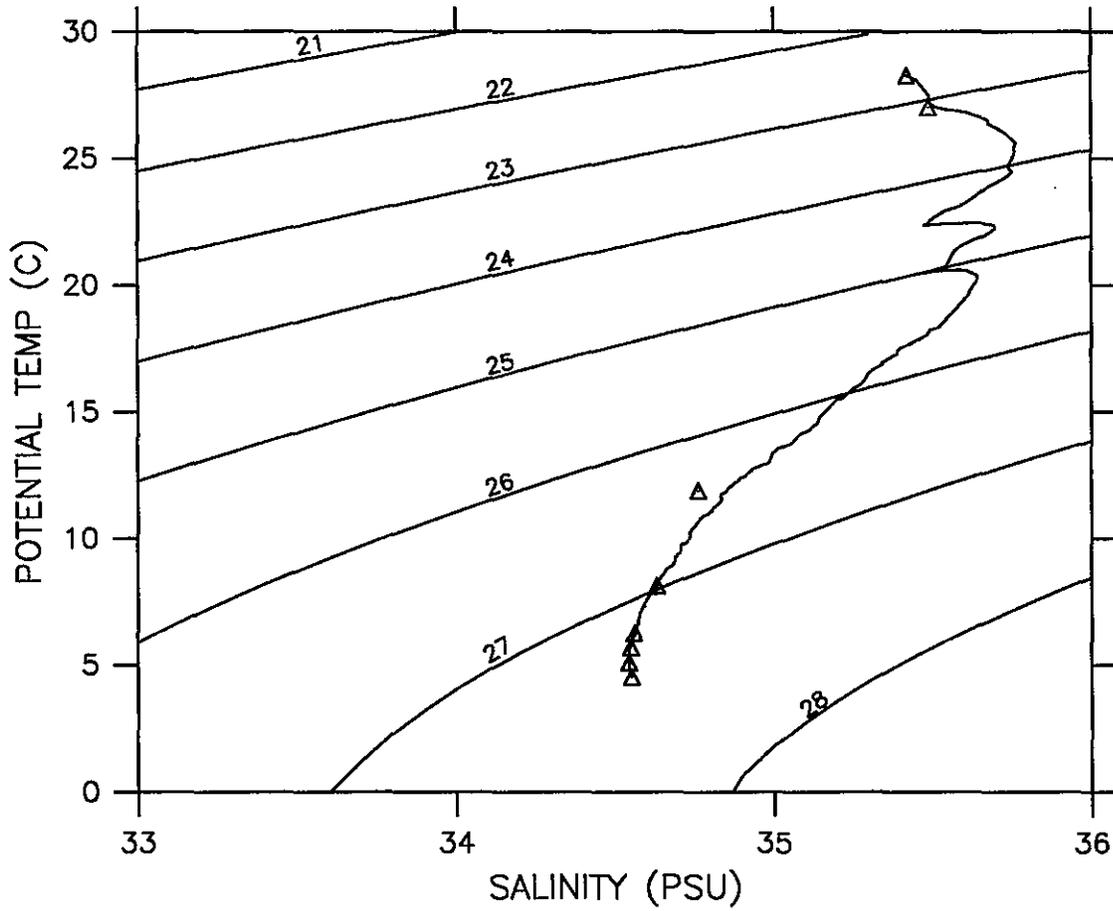


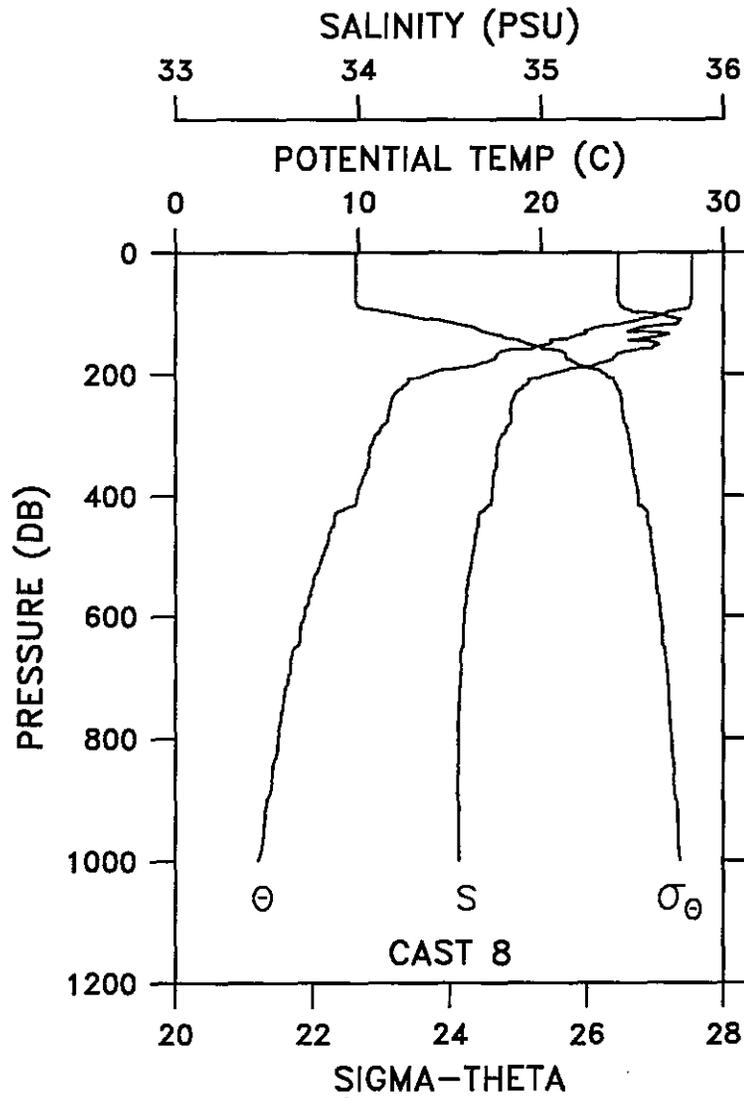


CAST TG1-91-DI -007 DATE 19 JUL 91 TIME 1944 GMT
 LAT 00 01.6S LONG 155 01.7W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 110 T SPD 18 KT VISIBILITY 9
 CLOUD 8 AMOUNT 1 DRY 28.8 WET 25.0 DEPTH 4707 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.178	35.286	22.553	0.000
10	28.179	35.285	22.553	0.053
20	28.172	35.286	22.555	0.106
30	28.136	35.293	22.572	0.159
40	28.068	35.306	22.605	0.211
50	27.939	35.331	22.666	0.264
60	27.637	35.374	22.796	0.315
70	26.738	35.503	23.182	0.365
80	26.284	35.323	23.190	0.412
90	26.415	35.528	23.303	0.458
100	25.044	35.532	23.732	0.503
110	23.478	35.121	23.889	0.544
120	20.162	35.272	24.928	0.579
130	19.064	35.127	25.103	0.609
140	18.337	35.264	25.392	0.637
150	17.185	35.050	25.509	0.663
160	16.318	35.013	25.685	0.687
170	16.239	35.015	25.705	0.710
180	15.797	35.070	25.849	0.733
190	15.654	35.097	25.902	0.755
200	14.884	35.075	26.056	0.776
250	13.065	34.942	26.335	0.869
300	12.022	34.853	26.471	0.953
350	11.134	34.777	26.578	1.033
400	9.937	34.715	26.741	1.105
450	9.011	34.672	26.860	1.171
500	7.918	34.626	26.992	1.232
550	7.379	34.593	27.045	1.289
600	7.070	34.581	27.079	1.343
650	6.812	34.571	27.107	1.396
700	6.021	34.555	27.198	1.447
750	5.787	34.549	27.223	1.495
800	5.627	34.549	27.243	1.542
900	5.040	34.546	27.311	1.630
1000	4.609	34.552	27.365	1.714
1005	4.592	34.553	27.367	1.718

CAST TG1-91-DI -008 DATE 20 JUL 91 TIME 1317 GMT
LAT 00 59.8S LONG 155 00.0W

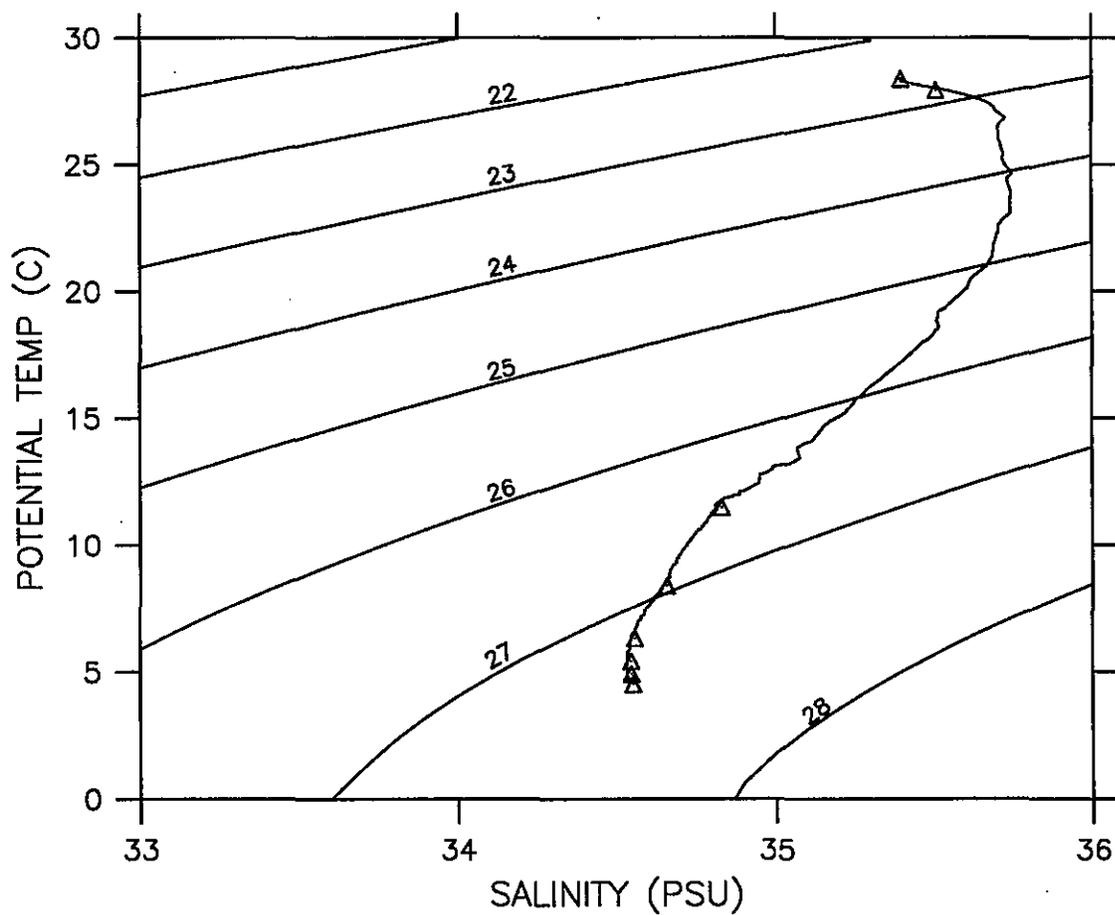


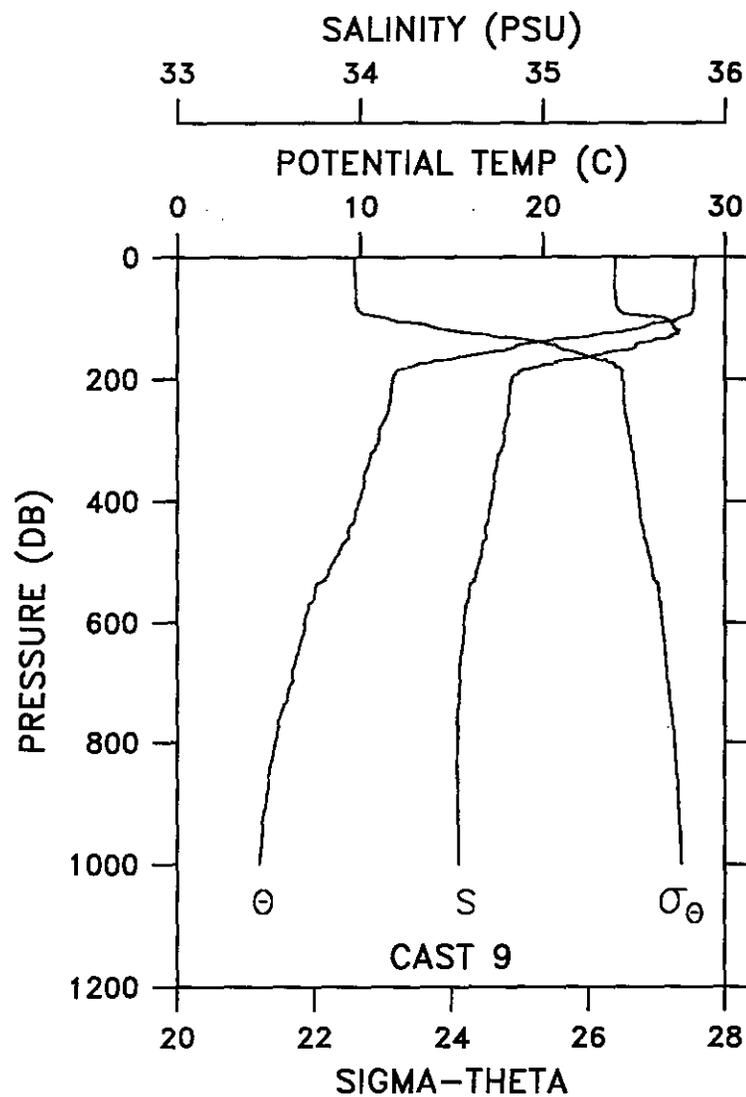


CAST TG1-91-DI-008 DATE 20 JUL 91 TIME 1317 GMT
 LAT 00 59.8S LONG 155 00.0W WEATHER 0 SEA STATE 4
 BAROMETER 09 WIND DIR 075 T SPD 17 KT VISIBILITY 7
 CLOUD X AMOUNT 0 DRY 27.5 WET 24.5 DEPTH 4727 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.264	35.421	22.627	0.000
10	28.268	35.421	22.626	0.052
20	28.260	35.422	22.629	0.104
30	28.263	35.421	22.627	0.157
40	28.268	35.421	22.626	0.209
50	28.264	35.421	22.627	0.261
60	28.264	35.422	22.627	0.314
70	28.262	35.422	22.628	0.366
80	28.243	35.426	22.637	0.418
90	28.137	35.446	22.687	0.471
100	26.872	35.585	23.201	0.520
110	25.600	35.764	23.736	0.565
120	23.903	35.679	24.186	0.605
130	22.365	35.476	24.478	0.641
140	21.656	35.610	24.779	0.674
150	20.438	35.634	25.130	0.704
160	18.328	35.522	25.591	0.732
170	17.570	35.410	25.693	0.755
180	16.973	35.350	25.790	0.779
190	15.462	35.200	26.024	0.800
200	13.739	35.054	26.284	0.819
250	11.745	34.835	26.510	0.901
300	10.937	34.787	26.622	0.978
350	10.525	34.753	26.669	1.051
400	9.942	34.730	26.751	1.122
450	8.620	34.654	26.908	1.186
500	8.034	34.623	26.973	1.246
550	7.521	34.599	27.029	1.303
600	7.042	34.578	27.081	1.358
650	6.638	34.573	27.132	1.410
700	6.142	34.556	27.184	1.460
750	5.867	34.550	27.214	1.508
800	5.583	34.544	27.245	1.555
900	5.013	34.547	27.315	1.645
1000	4.551	34.551	27.371	1.729
1006	4.532	34.553	27.374	1.734

CAST TG1-91-DI -009 DATE 20 JUL 91 TIME 2311 GMT
LAT 02 01.5S LONG 155 01.1W

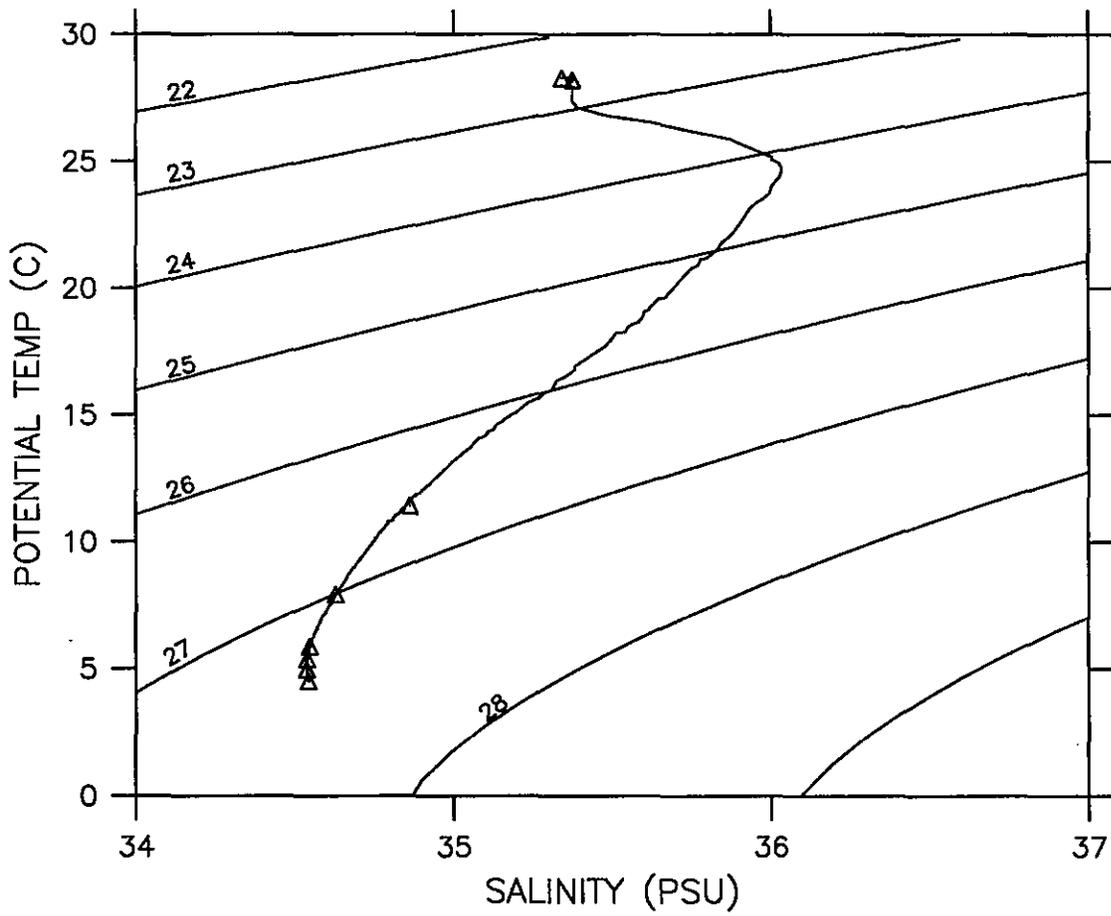


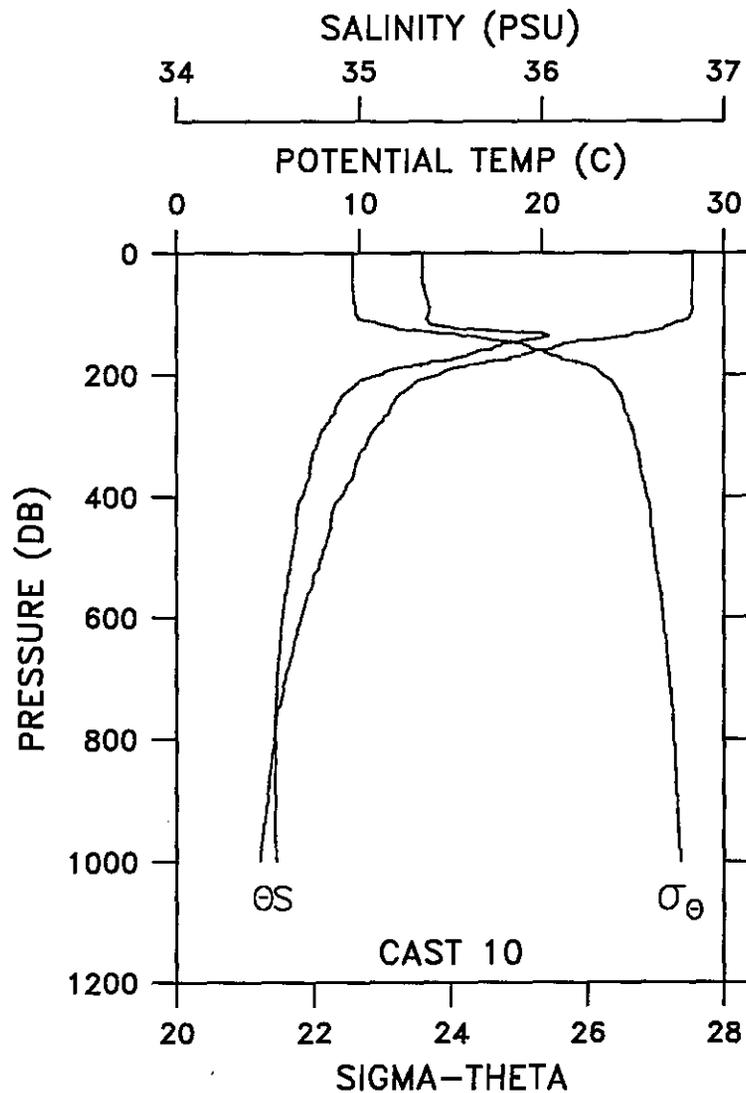


CAST TG1-91-DI-009 DATE 20 JUL 91 TIME 2311 GMT
 LAT 02 01.5S LONG 155 01.1W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 090 T SPD 20 KT VISIBILITY 7
 CLOUD 8 AMOUNT 2 DRY 29.6 WET 24.9 DEPTH 4686 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.370	35.397	22.574	0.000
10	28.353	35.397	22.579	0.053
20	28.323	35.395	22.588	0.105
30	28.305	35.395	22.594	0.158
40	28.301	35.395	22.595	0.210
50	28.296	35.396	22.597	0.263
60	28.293	35.396	22.599	0.316
70	28.291	35.397	22.600	0.368
80	28.276	35.403	22.610	0.421
90	28.193	35.427	22.655	0.474
100	27.477	35.666	23.068	0.524
110	25.895	35.712	23.605	0.571
120	24.623	35.751	24.025	0.612
130	22.436	35.707	24.634	0.649
140	19.321	35.533	25.347	0.679
150	18.276	35.494	25.583	0.704
160	16.201	35.294	25.928	0.727
170	14.015	35.094	26.257	0.746
180	12.832	34.971	26.404	0.764
190	11.949	34.868	26.497	0.780
200	11.791	34.833	26.499	0.795
250	11.542	34.809	26.528	0.874
300	11.002	34.787	26.610	0.950
350	10.363	34.742	26.689	1.023
400	9.936	34.718	26.743	1.093
450	9.382	34.688	26.812	1.161
500	8.545	34.653	26.918	1.225
550	7.513	34.595	27.027	1.283
600	6.978	34.569	27.083	1.338
650	6.620	34.556	27.121	1.391
700	6.248	34.546	27.162	1.441
750	5.694	34.535	27.224	1.490
800	5.356	34.532	27.263	1.536
900	4.871	34.535	27.322	1.623
1000	4.505	34.540	27.367	1.706
1004	4.503	34.540	27.367	1.709

CAST TG1-91-DI -010 DATE 21 JUL 91 TIME 1646 GMT
LAT 03 29.9S LONG 155 00.1W

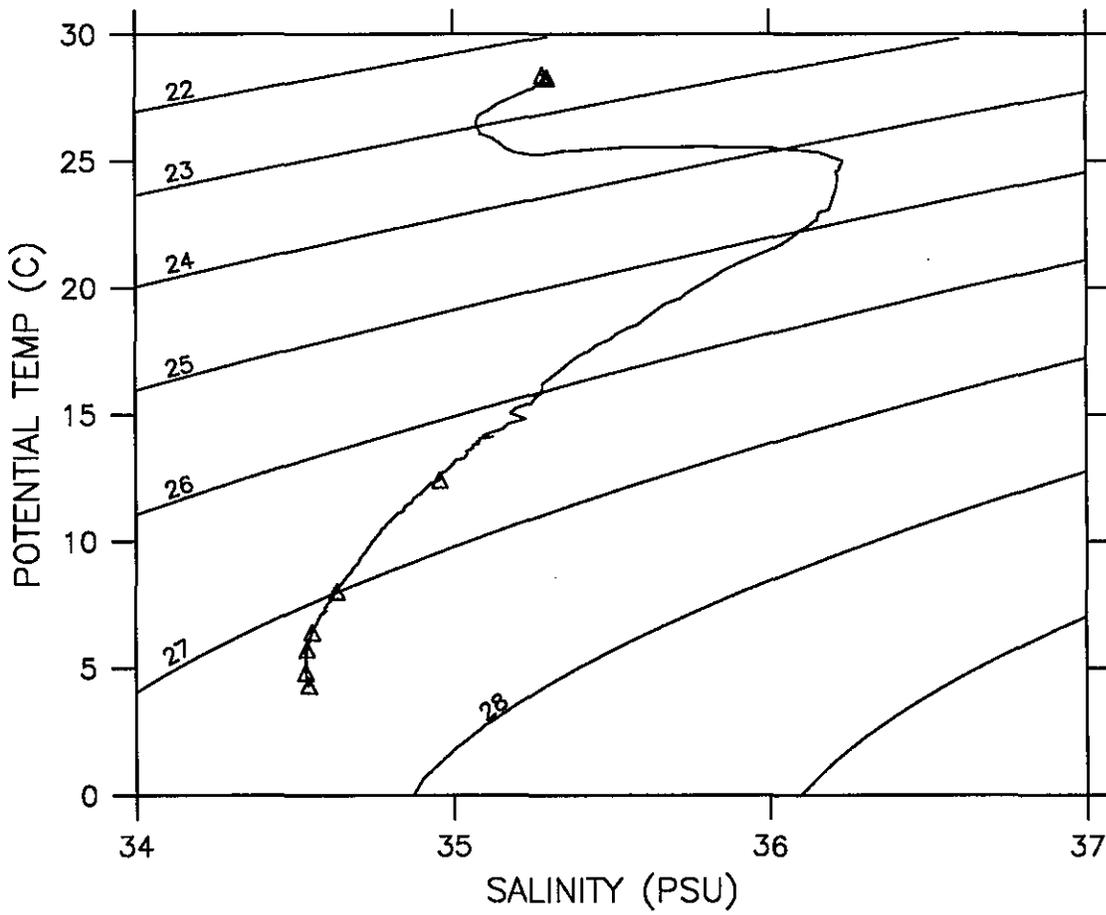




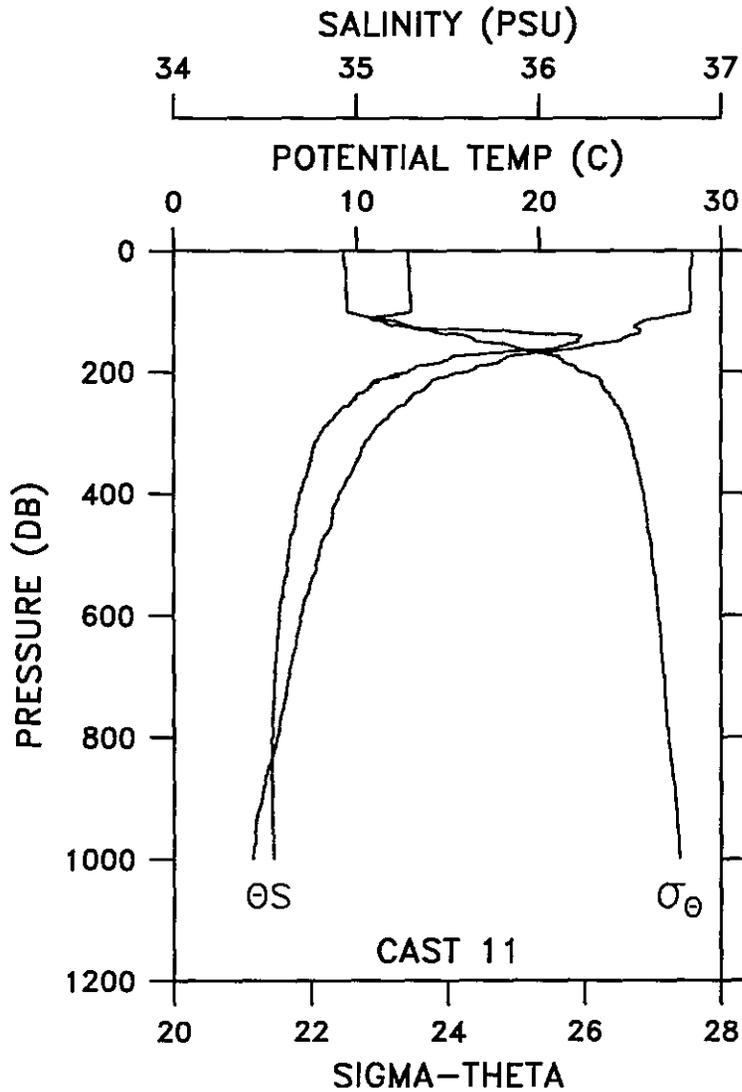
CAST TG1-91-DI -010 DATE 21 JUL 91 TIME 1646 GMT
 LAT 03 29.9S LONG 155 00.1W WEATHER 5 SEA STATE 3
 BAROMETER 11 WIND DIR 030 T SPD 10 KT VISIBILITY 9
 CLOUD 8 AMOUNT 6 DRY 25.3 WET 24.0 DEPTH 5033 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.284	35.341	22.560	0.000
10	28.286	35.341	22.560	0.053
20	28.287	35.344	22.562	0.106
30	28.286	35.343	22.561	0.158
40	28.283	35.342	22.561	0.211
50	28.284	35.344	22.562	0.264
60	28.282	35.354	22.570	0.317
70	28.272	35.364	22.582	0.370
80	28.267	35.376	22.592	0.423
90	28.260	35.380	22.597	0.476
100	28.212	35.376	22.610	0.529
110	27.995	35.370	22.677	0.581
120	26.821	35.472	23.133	0.631
130	25.872	35.873	23.734	0.677
140	23.745	35.996	24.473	0.715
150	21.117	35.778	25.056	0.747
160	19.653	35.666	25.363	0.775
170	18.512	35.553	25.569	0.801
180	16.897	35.382	25.833	0.825
190	15.016	35.185	26.112	0.846
200	14.307	35.110	26.207	0.865
250	11.763	34.875	26.538	0.947
300	10.584	34.785	26.683	1.022
350	9.781	34.733	26.781	1.091
400	8.991	34.686	26.874	1.156
450	8.434	34.655	26.938	1.216
500	7.964	34.630	26.989	1.275
550	7.372	34.602	27.053	1.331
600	6.816	34.579	27.113	1.384
650	6.365	34.561	27.159	1.435
700	5.955	34.550	27.203	1.483
750	5.501	34.541	27.252	1.530
800	5.373	34.535	27.263	1.575
900	4.965	34.539	27.314	1.663
1000	4.536	34.545	27.367	1.747
1003	4.515	34.544	27.368	1.749

CAST TG1-91-DI -011 DATE 22 JUL 91 TIME 0303 GMT
LAT 05 01.6S LONG 155 01.0W

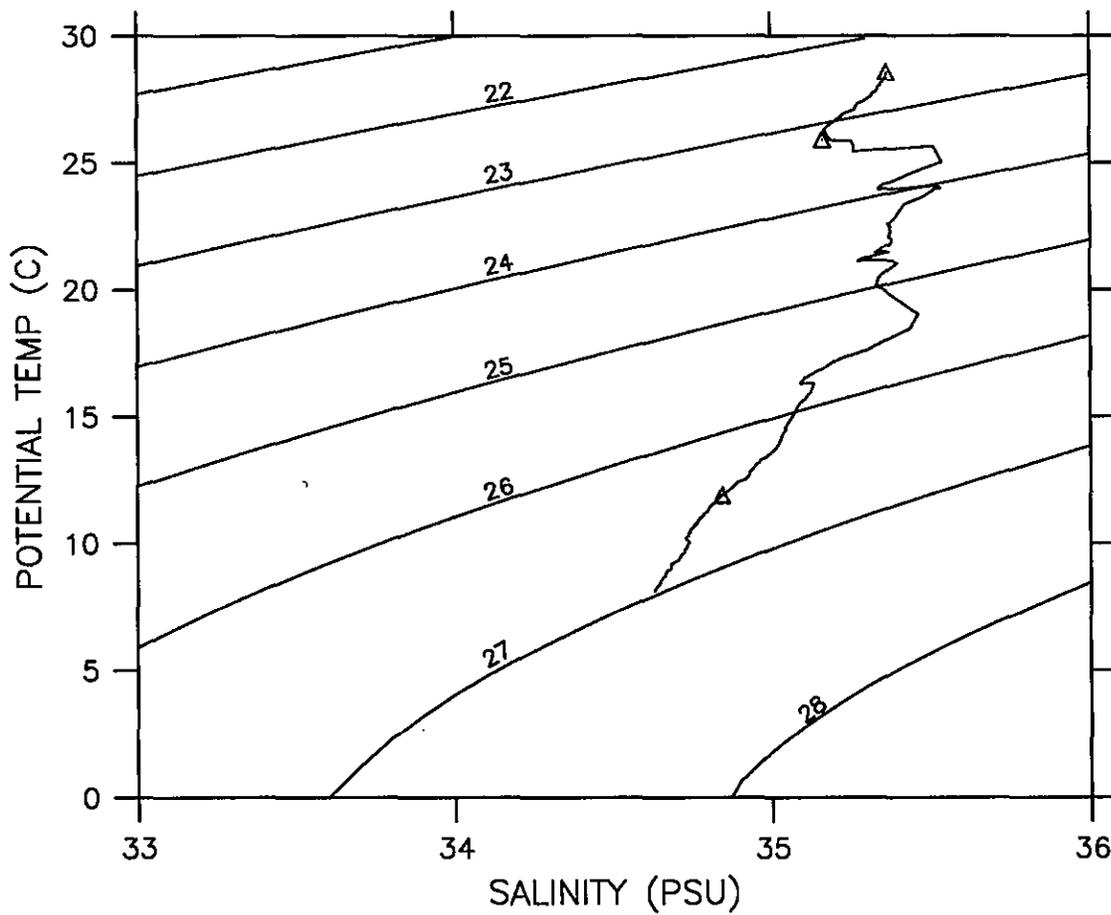


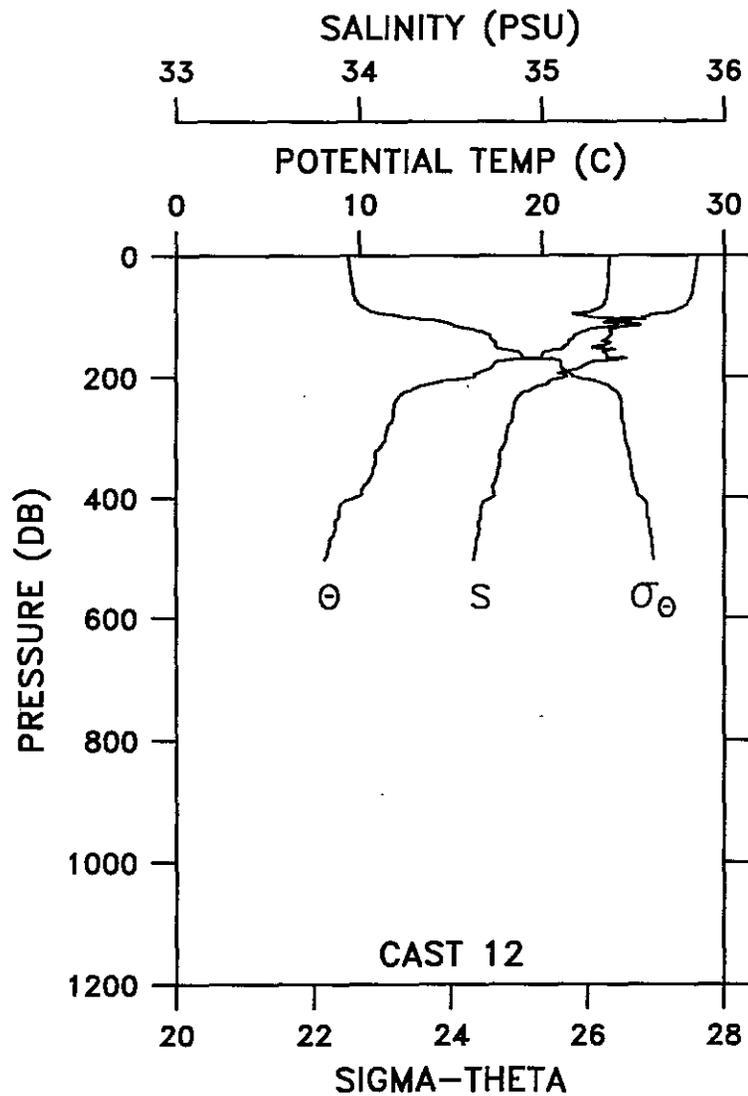
CAST TG1-91-DI -011 DATE 22 JUL 91 TIME 0303 GMT
 LAT 05 01.6S LONG 155 01.0W WEATHER 1 SEA STATE 4
 BAROMETER 09 WIND DIR 090 T SPD 19 KT VISIBILITY 7
 CLOUD 8 AMOUNT 6 DRY 29.1 WET 25.8 DEPTH 4526 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.408	35.283	22.476	0.000
10	28.408	35.284	22.476	0.054
20	28.380	35.284	22.486	0.107
30	28.321	35.290	22.509	0.161
40	28.314	35.291	22.513	0.214
50	28.309	35.292	22.515	0.267
60	28.306	35.292	22.516	0.321
70	28.304	35.292	22.517	0.374
80	28.302	35.294	22.518	0.428
90	28.302	35.297	22.521	0.481
100	28.268	35.297	22.532	0.535
110	26.629	35.079	22.897	0.587
120	25.492	35.169	23.320	0.635
130	25.543	35.557	23.597	0.680
140	25.002	36.233	24.274	0.720
150	24.372	36.217	24.454	0.756
160	22.241	36.095	24.983	0.788
170	19.452	35.688	25.432	0.816
180	17.973	35.498	25.662	0.841
190	16.660	35.333	25.851	0.864
200	16.076	35.285	25.950	0.886
250	12.732	34.968	26.422	0.976
300	10.874	34.804	26.646	1.053
350	9.924	34.742	26.764	1.124
400	9.045	34.689	26.867	1.189
450	8.611	34.663	26.916	1.251
500	7.950	34.628	26.989	1.310
550	7.424	34.598	27.043	1.366
600	6.978	34.578	27.090	1.420
650	6.673	34.565	27.121	1.473
700	6.273	34.552	27.164	1.524
750	6.001	34.545	27.193	1.573
800	5.631	34.538	27.234	1.621
900	4.808	34.537	27.330	1.709
1000	4.306	34.545	27.392	1.790
1004	4.301	34.544	27.391	1.793

CAST TG1-91-DI -012 DATE 24 JUL 91 TIME 0038 GMT
LAT 00 18.9S LONG 159 57.9W





CAST TG1-91-DI-012 DATE 24 JUL 91 TIME 0038 GMT
 LAT 00 18.9S LONG 159 57.9W WEATHER 1 SEA STATE 2
 BAROMETER 08 WIND DIR 100 T SPD 12 KT VISIBILITY 7
 CLOUD 2 AMOUNT 3 DRY 30.5 WET 25.8 DEPTH 2033 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.533	35.366	22.497	0.000
10	28.498	35.366	22.508	0.053
20	28.463	35.364	22.519	0.107
30	28.411	35.363	22.535	0.160
40	28.377	35.363	22.546	0.213
50	28.311	35.362	22.567	0.266
60	28.273	35.358	22.577	0.319
70	28.176	35.353	22.605	0.372
80	27.978	35.340	22.660	0.424
90	27.371	35.284	22.815	0.476
100	25.864	35.257	23.271	0.524
110	23.947	35.339	23.915	0.568
120	22.817	35.391	24.285	0.606
130	21.908	35.380	24.534	0.642
140	21.465	35.335	24.623	0.676
150	21.228	35.291	24.654	0.710
160	20.069	35.344	25.007	0.741
170	19.033	35.464	25.369	0.771
180	17.365	35.239	25.611	0.796
190	16.849	35.160	25.674	0.820
200	16.292	35.137	25.787	0.843
250	11.888	34.844	26.490	0.930
300	11.423	34.804	26.546	1.009
350	10.745	34.759	26.634	1.085
400	9.742	34.722	26.779	1.157
450	8.659	34.653	26.901	1.219
500	8.119	34.625	26.962	1.280
503	8.110	34.624	26.962	1.283

CAST TG1-91-DI -002 LAT 05 02.2N LONG 154 49.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
250.	9.792	34.437	0.00	9.764	26.553
500.	8.039	34.827	0.00	7.987	27.140
699.	6.303	34.611	0.00	6.239	27.215
800.	5.532	34.556	0.00	5.463	27.269
906.	5.020	34.551	0.00	4.945	27.326
997.	4.571	34.563	0.00	4.491	27.386

CAST TG1-91-DI -006 LAT 01 00.1N LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
101.	23.477	35.029	0.00	23.456	23.825
251.	11.962	34.828	0.00	11.929	26.470
500.	8.035	34.621	0.00	7.984	26.979
700.	6.223	34.560	0.00	6.160	27.185
797.	5.778	34.533	0.00	5.708	27.220
897.	5.120	34.550	0.00	5.045	27.313
1013.	4.534	34.551	0.00	4.453	27.381

CAST TG1-91-DI -003 LAT 04 00.2N LONG 154 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	28.921	34.664	0.00	28.921	21.841
101.	26.703	35.042	0.00	26.680	22.853
250.	10.161	34.639	0.00	10.132	26.648
699.	6.123	34.555	0.00	6.060	27.194
800.	5.469	34.551	0.00	5.401	27.272
900.	5.105	34.548	0.00	5.030	27.314

CAST TG1-91-DI -007 LAT 00 01.6S LONG 155 01.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	28.187	35.289	0.00	28.187	22.553
102.	24.473	35.477	0.00	24.451	23.870
250.	12.815	34.919	0.00	12.781	26.375
500.	7.936	34.618	0.00	7.885	26.991
695.	6.174	34.555	0.00	6.111	27.187
797.	5.714	34.553	0.00	5.644	27.244
912.	5.107	34.549	0.00	5.031	27.314
1000.	4.682	34.554	0.00	4.601	27.367

CAST TG1-91-DI -004 LAT 02 59.9N LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
1.	28.482	34.782	0.00	28.482	22.075
248.	11.197	34.783	0.00	11.166	26.577
497.	8.537	34.630	0.00	8.484	26.910
697.	6.231	34.558	0.00	6.168	27.182
798.	5.607	34.548	0.00	5.538	27.253
912.	5.099	34.547	0.00	5.023	27.314
1011.	4.788	34.548	0.00	4.705	27.351

CAST TG1-91-DI -008 LAT 00 59.8S LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
1.	28.259	35.423	0.00	28.259	22.630
96.	27.029	35.490	0.00	27.007	23.087
247.	11.910	34.763	0.00	11.878	26.429
499.	8.173	34.632	0.00	8.121	26.967
693.	6.315	34.561	0.00	6.252	27.174
793.	5.766	34.551	0.00	5.696	27.236
897.	5.159	34.545	0.00	5.084	27.305

CAST TGl-91-DI -009 LAT 02 01.5S LONG 155 01.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
1.	28.376	35.396	0.00	28.376	22.571
101.	27.958	35.507	0.00	27.934	22.800
249.	11.503	34.830	0.00	11.471	26.557
499.	8.438	34.657	0.00	8.385	26.946
698.	6.373	34.558	0.00	6.309	27.164
798.	5.481	34.546	0.00	5.413	27.267
895.	4.982	34.547	0.00	4.908	27.327
1000.	4.584	34.552	0.00	4.504	27.376

CAST TGl-91-DI -012 LAT 00 18.9S LONG 159 57.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	28.561	35.366	0.00	28.561	22.487
95.	25.934	35.166	0.00	25.913	23.188
244.	11.933	34.844	0.00	11.901	26.487

CAST TGl-91-DI -010 LAT 03 29.9S LONG 155 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
1.	28.274	35.341	0.00	28.274	22.563
102.	28.221	35.375	0.00	28.197	22.614
251.	11.445	34.863	0.00	11.413	26.594
501.	7.971	34.627	0.00	7.920	26.993
697.	5.925	34.547	0.00	5.864	27.212
797.	5.435	34.538	0.00	5.367	27.266
897.	5.036	34.537	0.00	4.962	27.313
1002.	4.590	34.542	0.00	4.510	27.368

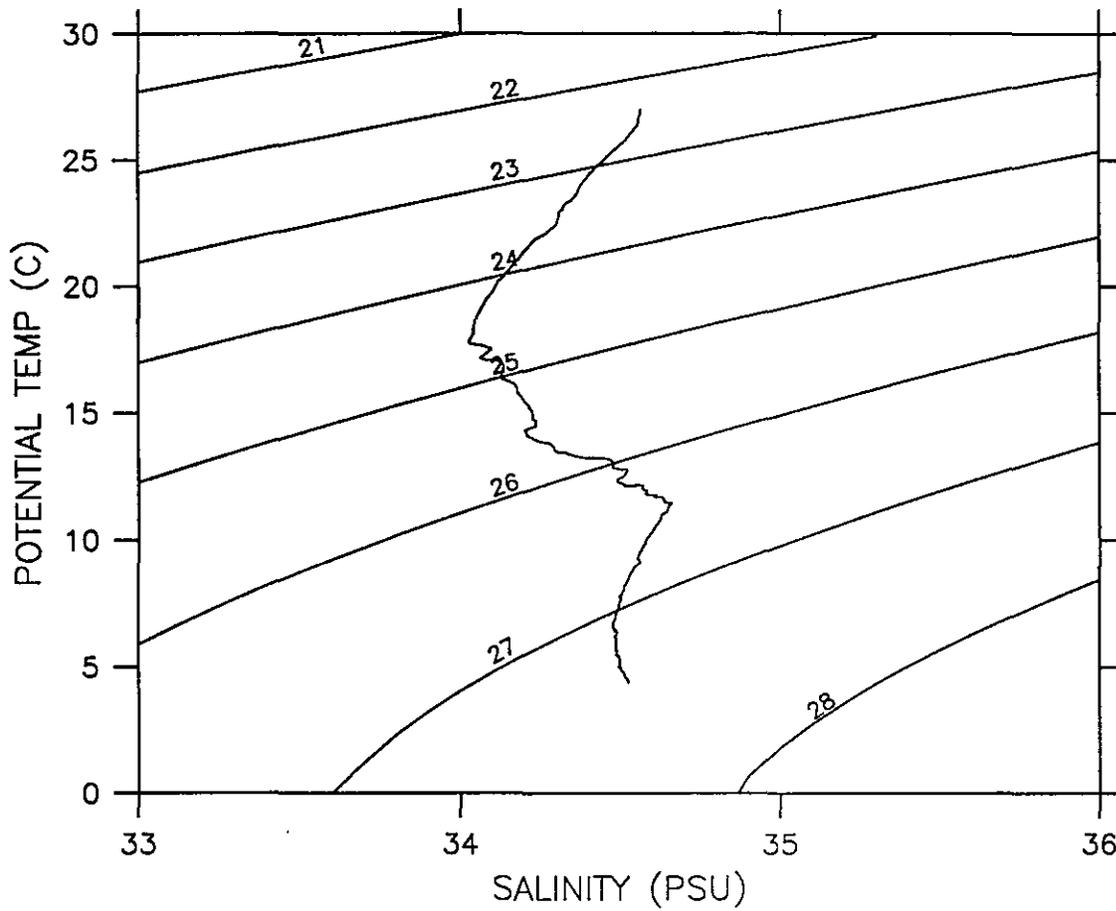
CAST TGl-91-DI -011 LAT 05 01.6S LONG 155 01.0W

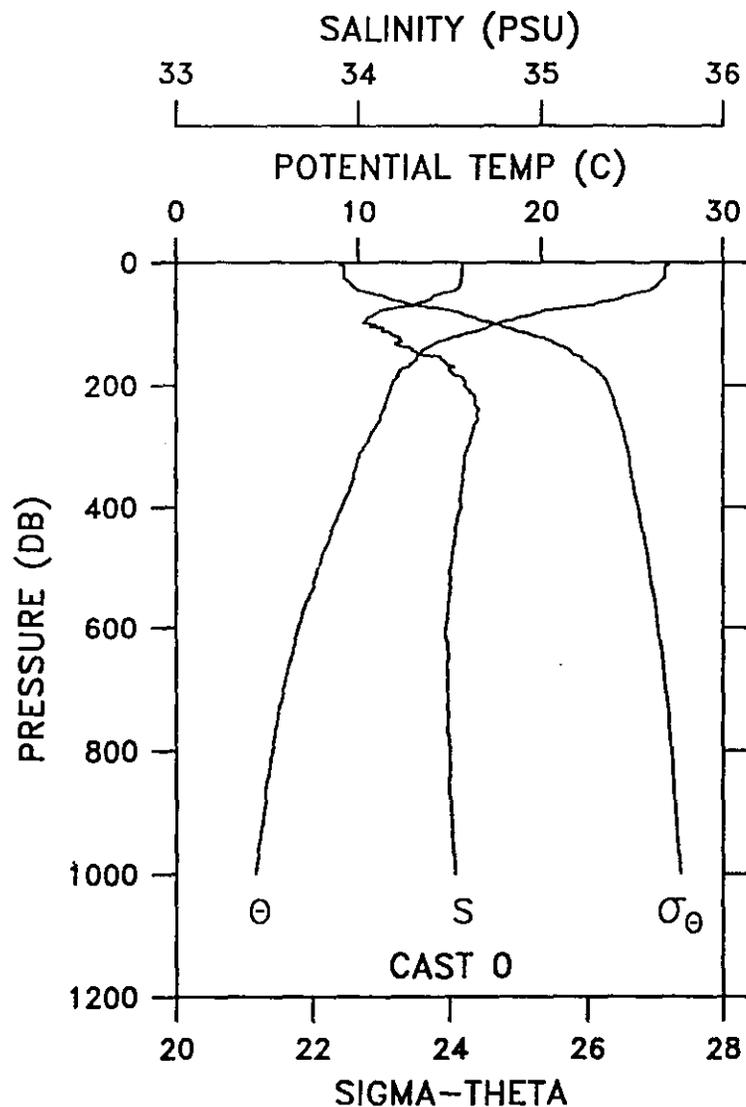
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	28.377	35.284	0.00	28.376	22.487
96.	28.290	35.298	0.00	28.267	22.533
246.	12.448	34.957	0.00	12.415	26.476
495.	8.077	34.634	0.00	8.026	26.983
697.	6.479	34.557	0.00	6.415	27.149
797.	5.803	34.540	0.00	5.733	27.223
898.	4.894	34.536	0.00	4.821	27.328
998.	4.382	34.545	0.00	4.303	27.392



EP3-91-DI
October 15–November 13, 1991
CTD and Hydrographic Data Summary

CAST EP3-91-DI -000 DATE 21 OCT 91 TIME 1730 GMT
LAT 20 49.9N LONG 112 56.2W

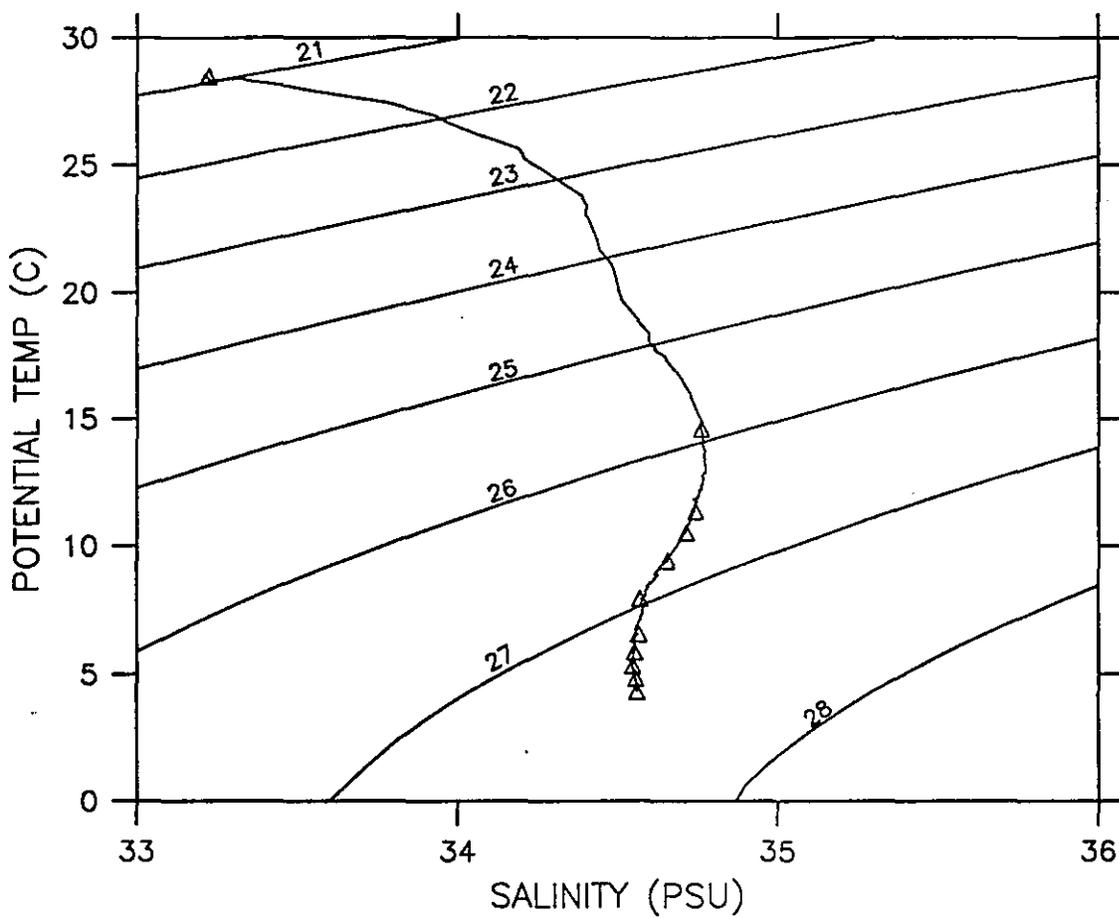


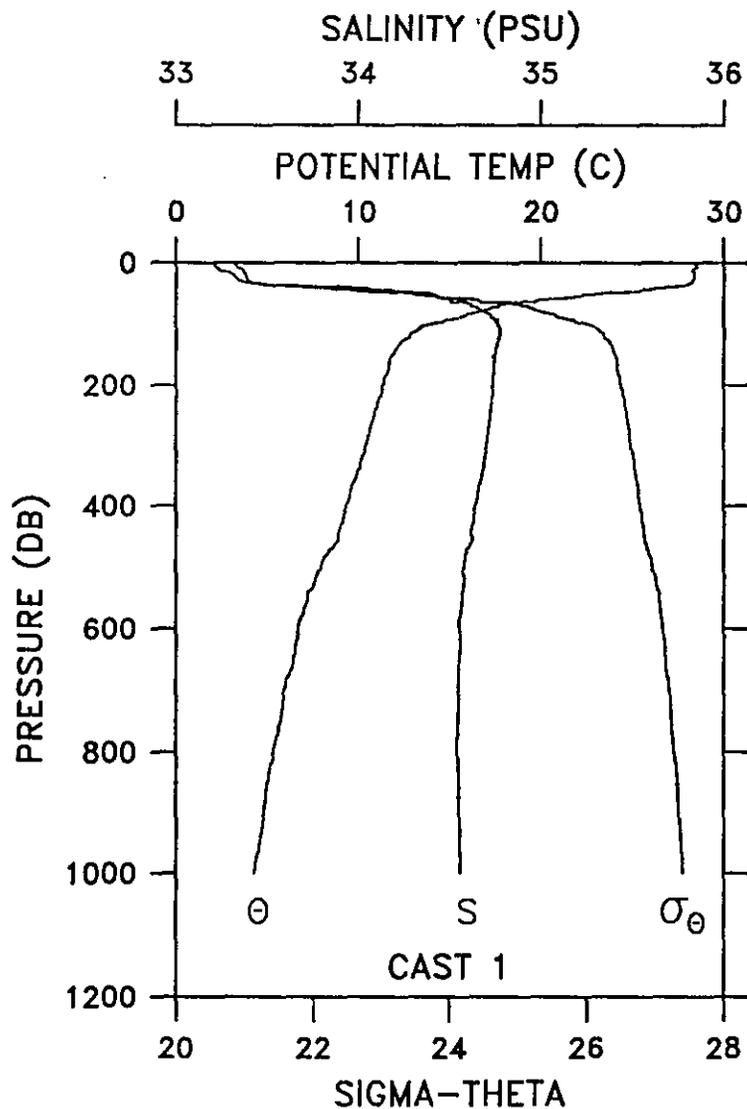


CAST EP3-91-DI -000 DATE 21 OCT 91 TIME 1730 GMT
 LAT 20 49.9N LONG 112 56.2W WEATHER 0 SEA STATE 1
 BAROMETER 12 WIND DIR 000 T SPD 00 KT VISIBILITY 7
 CLOUD 1 AMOUNT 0 DRY 26.0 WET 23.2 DEPTH 3594 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG--TH	DELTA-D (DYN-M)
0	26.860	34.565	22.437	0.000
10	26.809	34.568	22.455	0.054
20	26.797	34.567	22.458	0.108
30	26.580	34.560	22.521	0.161
40	26.298	34.553	22.605	0.214
50	25.143	34.462	22.893	0.266
60	24.066	34.384	23.157	0.314
70	22.038	34.265	23.650	0.359
80	19.739	34.100	24.145	0.400
90	18.574	34.046	24.401	0.436
100	17.495	34.099	24.706	0.471
110	16.475	34.131	24.971	0.502
120	15.199	34.215	25.324	0.530
130	14.277	34.204	25.515	0.556
140	13.567	34.296	25.733	0.580
150	13.231	34.386	25.871	0.602
160	13.068	34.478	25.975	0.623
170	12.481	34.513	26.118	0.643
180	12.168	34.515	26.181	0.662
190	11.976	34.576	26.265	0.681
200	11.801	34.581	26.302	0.699
250	11.230	34.651	26.463	0.783
300	10.277	34.599	26.592	0.861
350	9.768	34.574	26.659	0.935
400	9.126	34.562	26.756	1.005
450	8.435	34.528	26.838	1.072
500	7.837	34.507	26.911	1.135
550	7.307	34.497	26.980	1.194
600	6.739	34.482	27.046	1.251
650	6.326	34.492	27.109	1.304
700	5.918	34.489	27.160	1.355
750	5.585	34.491	27.203	1.404
800	5.301	34.501	27.244	1.451
900	4.839	34.508	27.303	1.540
999	4.389	34.529	27.370	1.623

CAST EP3-91-DI -001 DATE 23 OCT 91 TIME 2359 GMT
LAT 10 09.5N LONG 109 17.5W

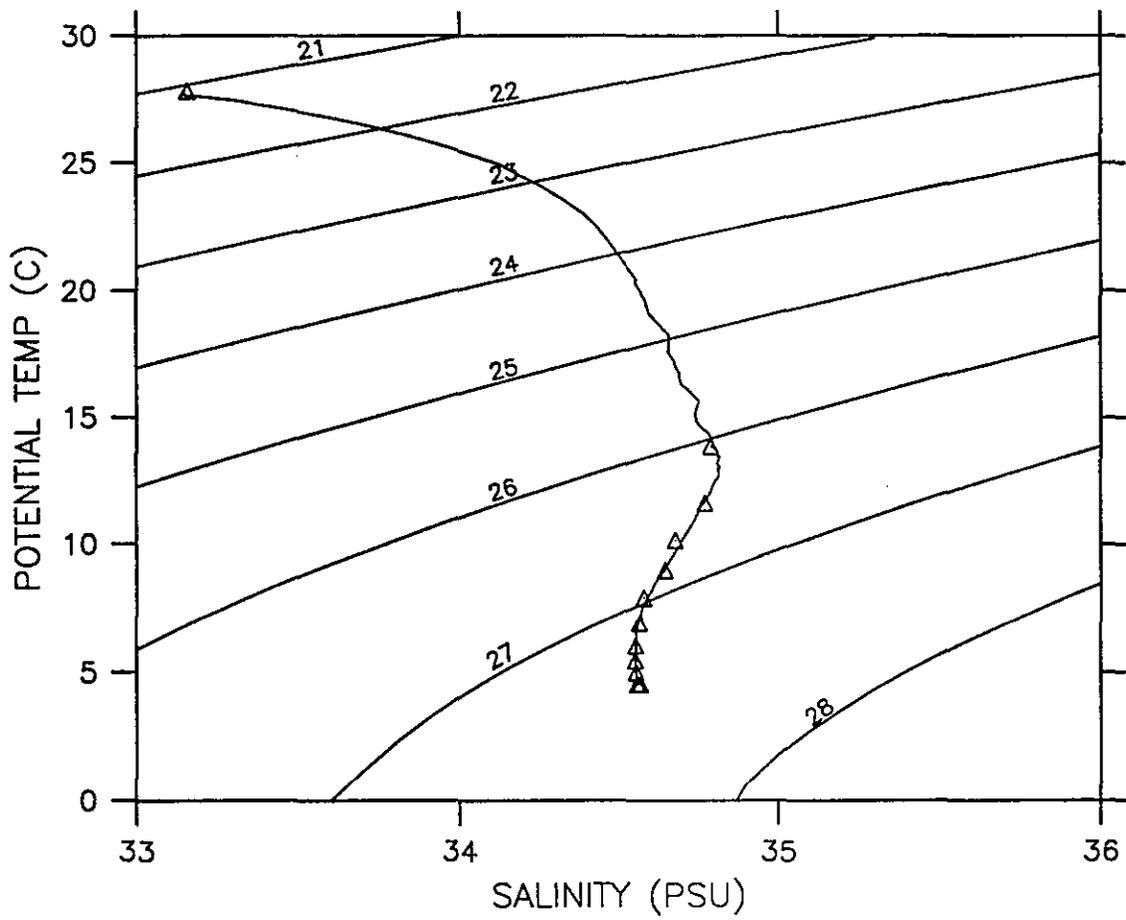


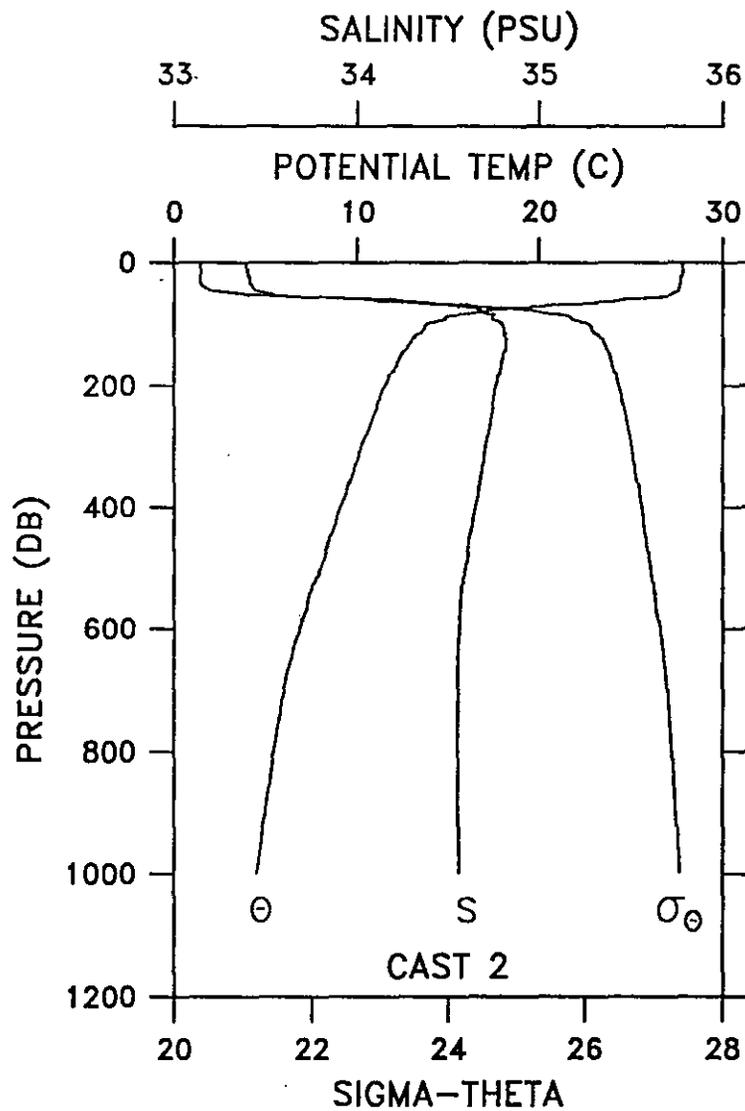


CAST EP3-91-DI-001 DATE 23 OCT 91 TIME 2359 GMT
 LAT 10 09.5N LONG 109 17.5W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 070 T SPD 10 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 29.8 WET 26.5 DEPTH 2974 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.550	33.214	20.875	0.000
10	28.326	33.226	20.957	0.069
20	28.355	33.314	21.014	0.137
30	28.284	33.356	21.069	0.204
40	26.938	33.927	21.932	0.269
50	23.392	34.405	23.371	0.322
60	19.984	34.505	24.390	0.363
70	17.725	34.619	25.049	0.396
80	16.724	34.693	25.345	0.423
90	15.491	34.743	25.665	0.448
100	14.038	34.768	26.001	0.470
110	13.191	34.775	26.181	0.489
120	12.825	34.771	26.251	0.507
130	12.345	34.762	26.338	0.525
140	12.084	34.758	26.386	0.542
150	11.875	34.752	26.420	0.558
160	11.724	34.748	26.446	0.574
170	11.691	34.747	26.452	0.591
180	11.601	34.745	26.467	0.607
190	11.452	34.741	26.492	0.623
200	11.356	34.740	26.508	0.638
250	10.872	34.724	26.584	0.715
300	10.428	34.705	26.648	0.789
350	9.916	34.680	26.717	0.860
400	9.332	34.645	26.787	0.928
450	8.898	34.626	26.842	0.994
500	7.981	34.582	26.951	1.056
550	7.206	34.573	27.054	1.113
600	6.708	34.559	27.111	1.166
650	6.424	34.556	27.147	1.217
700	5.933	34.556	27.210	1.266
750	5.725	34.550	27.232	1.313
800	5.337	34.545	27.275	1.359
900	4.822	34.554	27.343	1.444
999	4.311	34.564	27.407	1.523

CAST EP3-91-DI -002 DATE 24 OCT 91 TIME 0703 GMT
LAT 09 00.0N LONG 109 38.1W

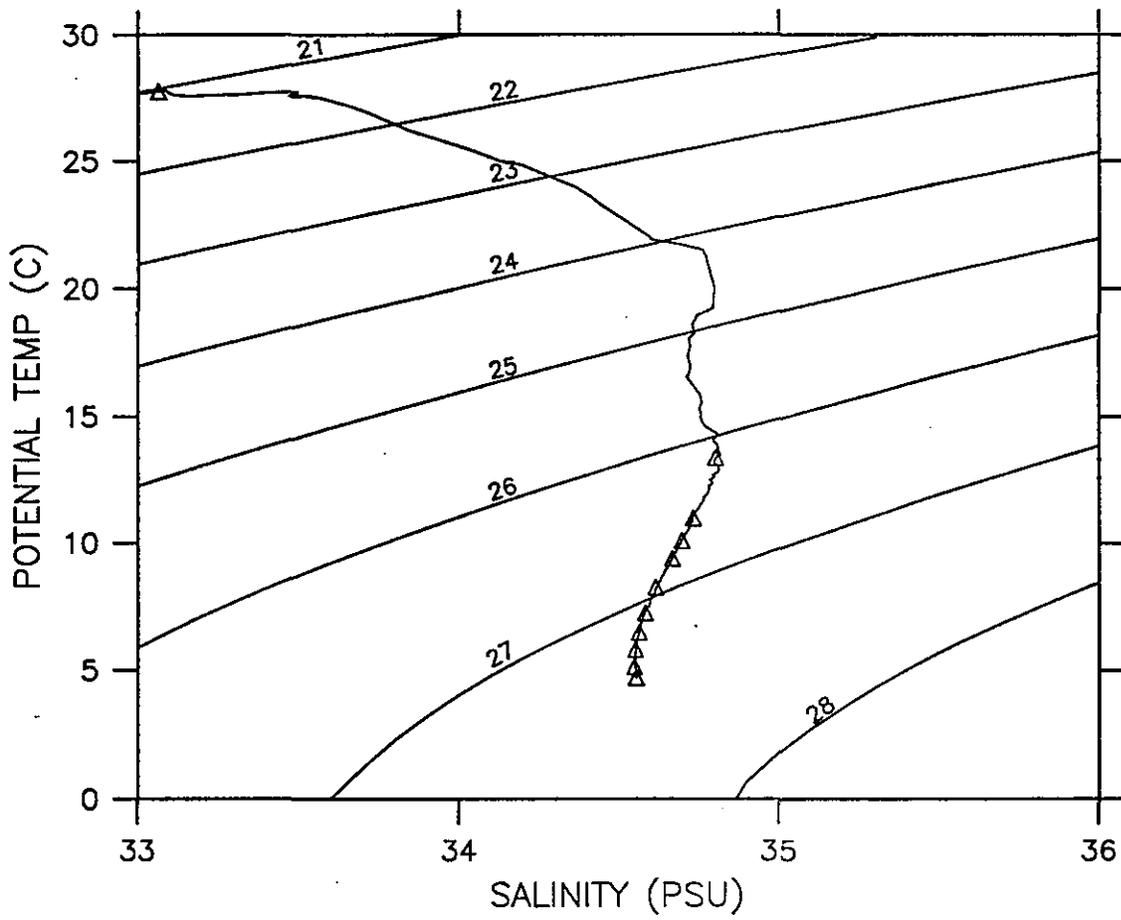


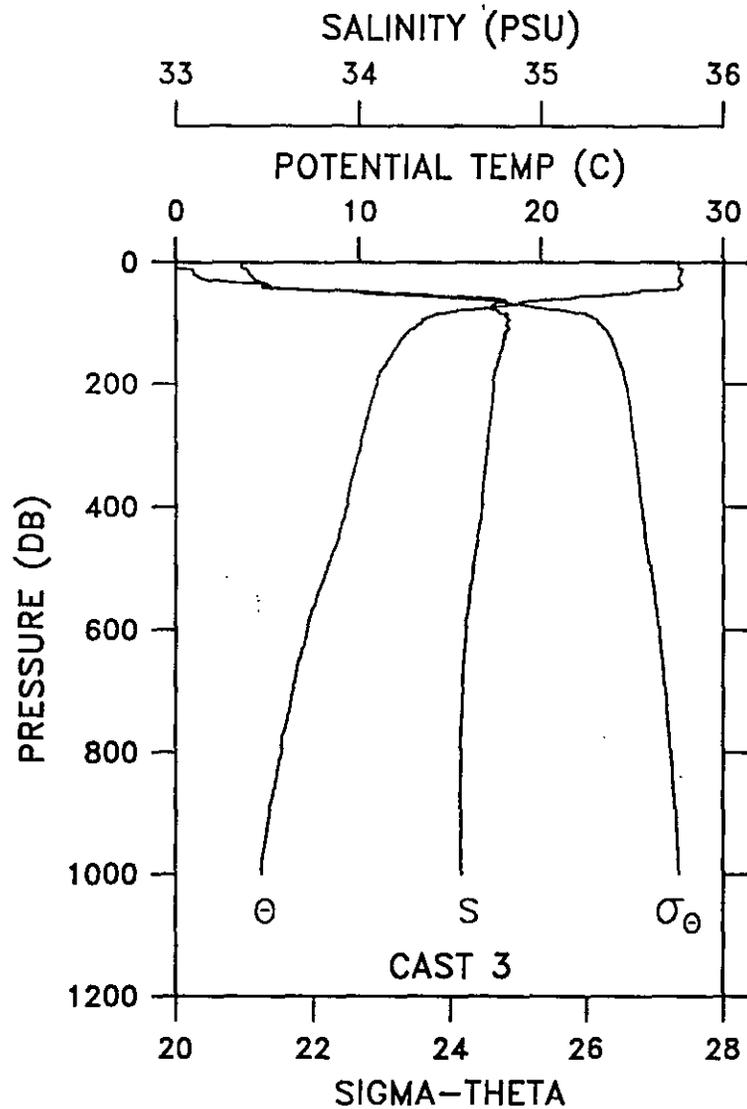


CAST EP3-91-DI-002 DATE 24 OCT 91 TIME 0703 GMT
 LAT 09 00.0N LONG 109 38.1W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 070 T SPD 08 KT VISIBILITY 7
 CLOUD 8 AMOUNT 2 DRY 27.3 WET 25.2 DEPTH 3794 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.844	33.145	21.053	0.000
10	27.826	33.146	21.059	0.067
20	27.781	33.144	21.073	0.134
30	27.685	33.142	21.102	0.201
40	27.628	33.167	21.139	0.268
50	27.279	33.373	21.406	0.334
60	24.507	34.190	22.880	0.393
70	20.373	34.550	24.321	0.437
80	16.751	34.692	25.337	0.468
90	14.870	34.743	25.803	0.492
100	13.818	34.799	26.070	0.513
110	13.628	34.808	26.117	0.532
120	13.157	34.812	26.216	0.551
130	12.898	34.813	26.269	0.569
140	12.695	34.815	26.311	0.586
150	12.389	34.799	26.359	0.603
160	12.257	34.794	26.380	0.620
170	12.135	34.791	26.401	0.637
180	11.859	34.781	26.446	0.653
190	11.679	34.770	26.472	0.669
200	11.508	34.762	26.497	0.685
250	10.851	34.734	26.596	0.762
300	10.219	34.704	26.684	0.835
350	9.733	34.680	26.748	0.904
400	9.073	34.647	26.831	0.971
450	8.510	34.617	26.895	1.034
500	8.016	34.594	26.953	1.095
550	7.349	34.569	27.030	1.152
600	6.848	34.559	27.093	1.207
650	6.402	34.554	27.149	1.258
700	6.011	34.554	27.199	1.307
750	5.733	34.553	27.233	1.354
800	5.439	34.554	27.270	1.400
900	4.984	34.554	27.324	1.488
997	4.527	34.560	27.380	1.567

CAST EP3-91-DI -003 DATE 25 OCT 91 TIME 0704 GMT
LAT 08 04.1N LONG 110 03.0W

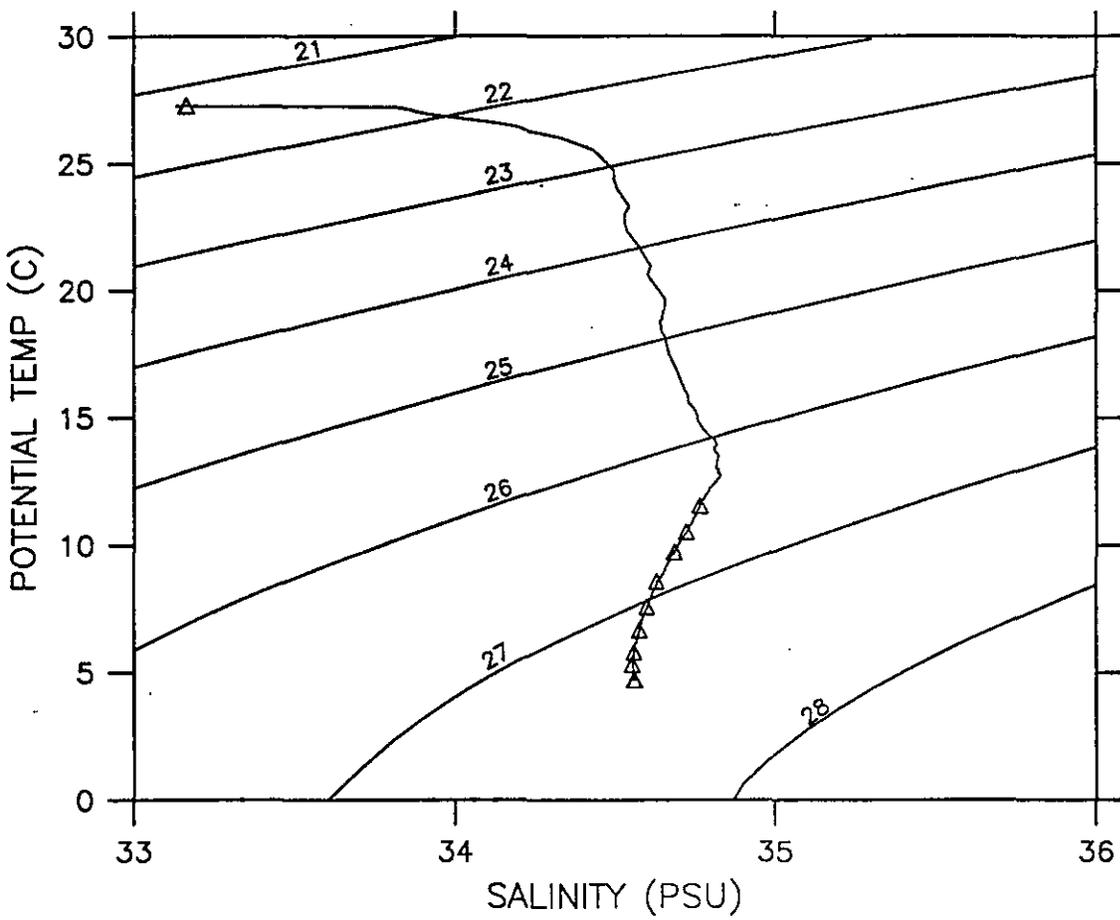


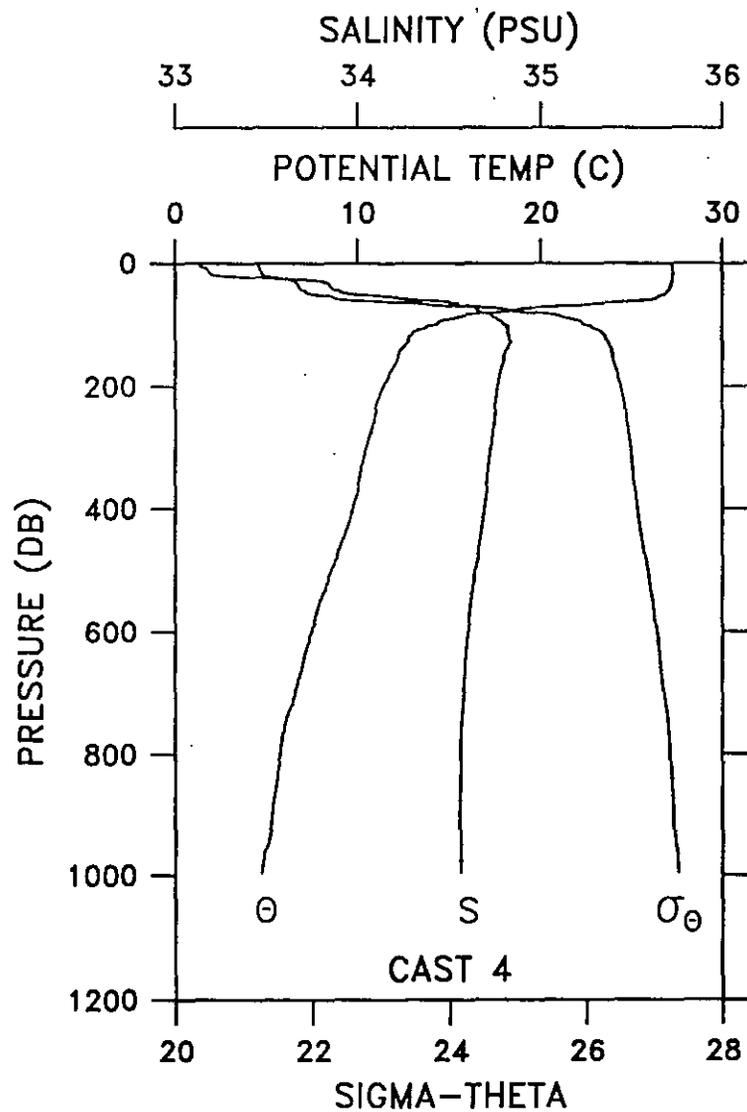


CAST EP3-91-DI-003 DATE 25 OCT 91 TIME 0704 GMT
 LAT 08 04.1N LONG 110 03.0W WEATHER 2 SEA STATE 1
 BAROMETER 10 WIND DIR 000 T SPD 02 KT VISIBILITY 7
 CLOUD 7 AMOUNT 8 DRY 26.0 WET 24.5 DEPTH 4062 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.567	32.922	20.975	0.000
10	27.655	32.990	20.997	0.068
20	27.658	33.102	21.081	0.135
30	27.586	33.220	21.193	0.202
40	27.554	33.472	21.392	0.267
50	24.987	34.136	22.694	0.325
60	21.257	34.777	24.255	0.369
70	18.082	34.725	25.043	0.401
80	15.088	34.762	25.770	0.427
90	13.757	34.814	26.095	0.447
100	13.377	34.808	26.168	0.466
110	12.815	34.814	26.286	0.484
120	12.468	34.792	26.338	0.501
130	12.221	34.790	26.384	0.518
140	12.009	34.785	26.421	0.535
150	11.816	34.770	26.446	0.551
160	11.597	34.763	26.481	0.567
170	11.408	34.754	26.510	0.583
180	11.157	34.744	26.548	0.598
190	11.021	34.735	26.566	0.613
200	10.985	34.733	26.571	0.628
250	10.502	34.721	26.647	0.702
300	10.087	34.702	26.705	0.773
350	9.669	34.684	26.762	0.841
400	9.341	34.671	26.806	0.908
450	8.897	34.647	26.859	0.973
500	8.257	34.621	26.937	1.035
550	7.669	34.602	27.010	1.093
600	7.154	34.582	27.068	1.149
650	6.732	34.571	27.118	1.202
700	6.395	34.566	27.159	1.253
750	6.089	34.559	27.193	1.303
800	5.764	34.555	27.231	1.350
900	5.117	34.554	27.309	1.441
1000	4.717	34.558	27.357	1.525
1003	4.707	34.559	27.359	1.528

CAST EP3-91-DI -004 DATE 25 OCT 91 TIME 1528 GMT
LAT 06 29.8N LONG 110 02.9W

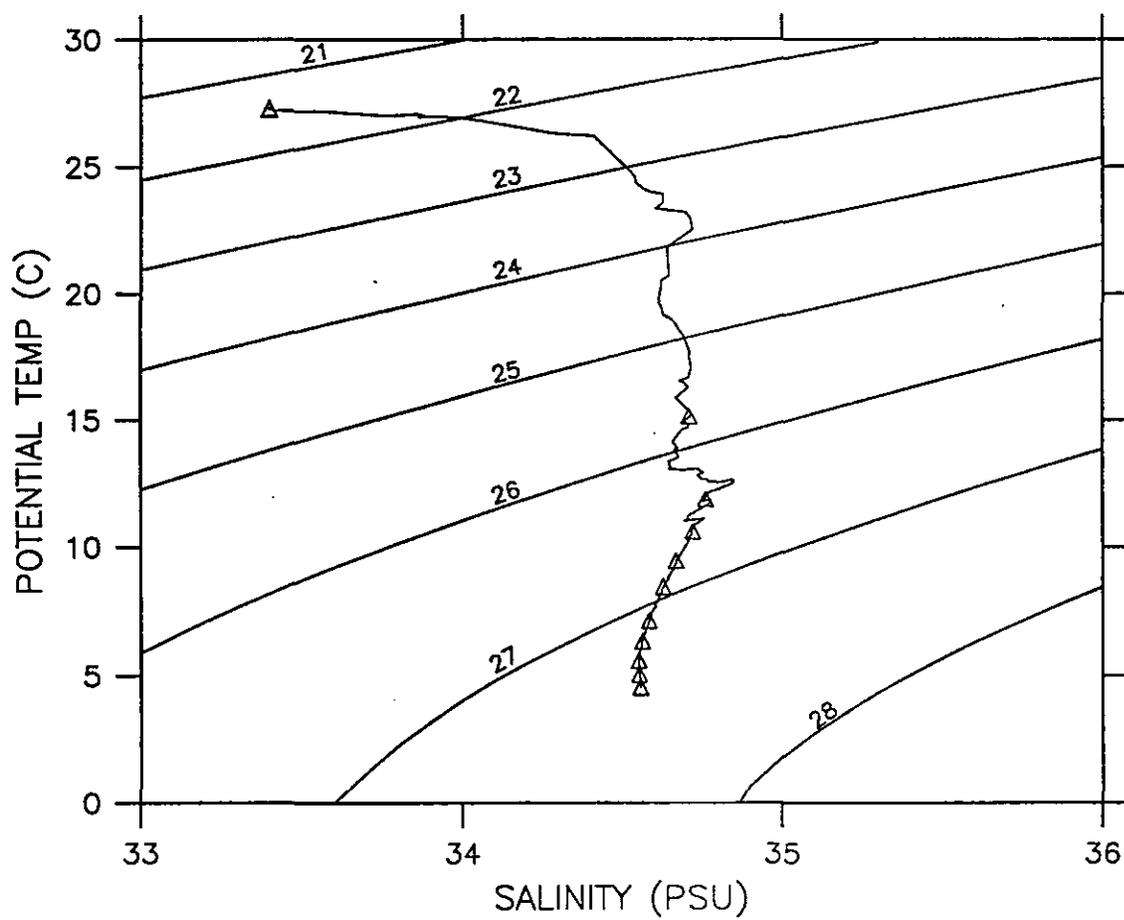


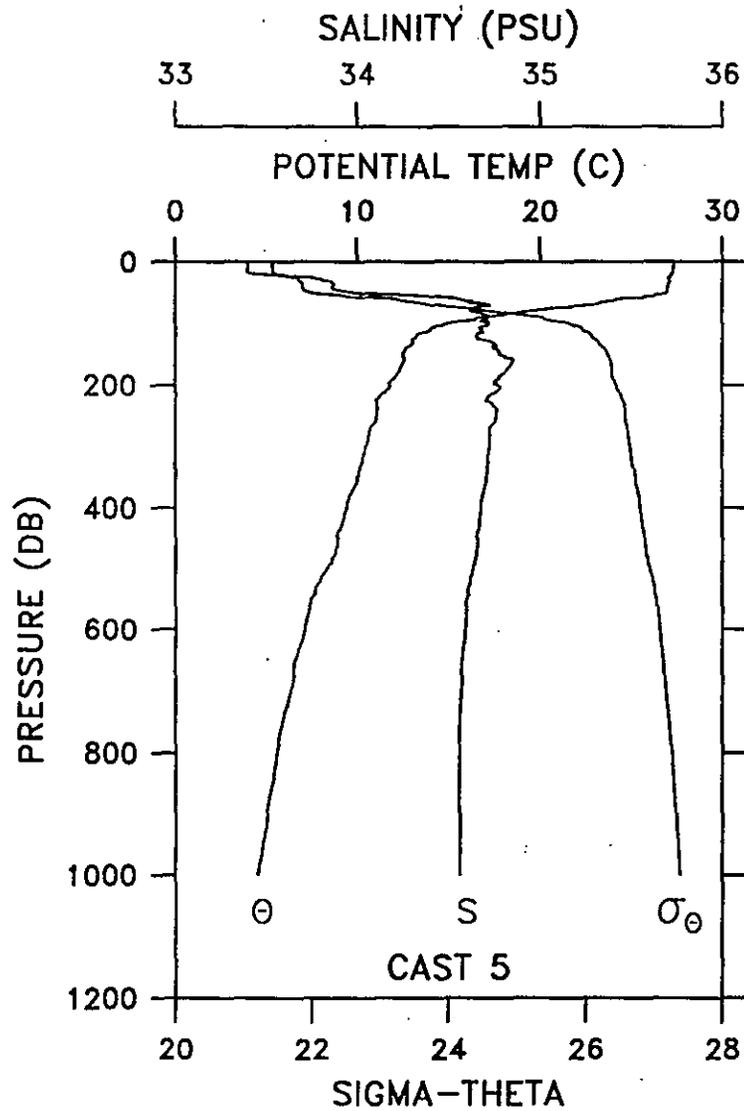


CAST EP3-91-DI-004 DATE 25 OCT 91 TIME 1528 GMT
 LAT 06 29.8N LONG 110 02.9W WEATHER 1 SEA STATE 2
 BAROMETER 10 WIND DIR 190 T SPD 09 KT VISIBILITY 8
 CLOUD 6 AMOUNT 6 DRY 27.5 WET 25.1 DEPTH 3645 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.276	33.133	21.226	0.000
10	27.290	33.183	21.260	0.065
20	27.256	33.215	21.294	0.131
30	27.227	33.811	21.753	0.193
40	27.139	33.854	21.812	0.254
50	26.913	33.942	21.951	0.313
60	26.166	34.283	22.443	0.369
70	21.761	34.575	23.963	0.416
80	17.850	34.667	25.055	0.449
90	15.308	34.754	25.715	0.474
100	14.322	34.795	25.961	0.495
110	13.199	34.820	26.214	0.515
120	12.825	34.826	26.294	0.532
130	12.674	34.828	26.325	0.550
140	12.372	34.808	26.369	0.567
150	12.211	34.795	26.390	0.584
160	12.132	34.796	26.406	0.600
170	11.920	34.785	26.438	0.617
180	11.713	34.773	26.468	0.633
190	11.600	34.767	26.484	0.649
200	11.426	34.761	26.512	0.664
250	10.930	34.745	26.590	0.741
300	10.478	34.725	26.655	0.814
350	10.127	34.706	26.701	0.886
400	9.738	34.689	26.754	0.955
450	9.210	34.668	26.825	1.023
500	8.544	34.636	26.906	1.086
550	7.934	34.618	26.984	1.147
600	7.487	34.600	27.035	1.204
650	7.039	34.584	27.086	1.259
700	6.588	34.577	27.145	1.311
750	6.044	34.564	27.203	1.361
800	5.784	34.561	27.233	1.408
900	5.327	34.558	27.286	1.499
995	4.768	34.562	27.355	1.581

CAST EP3-91-DI -005 DATE 25 OCT 91 TIME 2323 GMT
LAT 05 02.6N LONG 109 59.2W

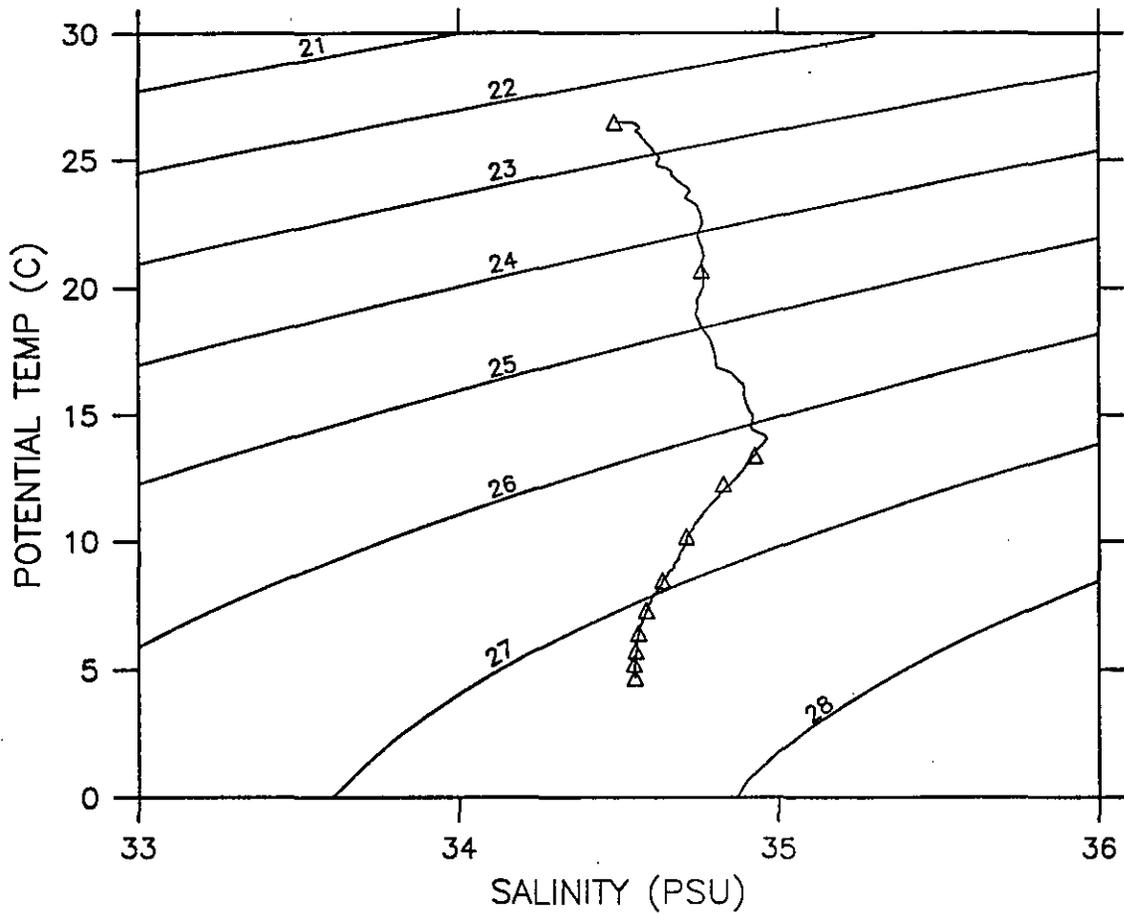


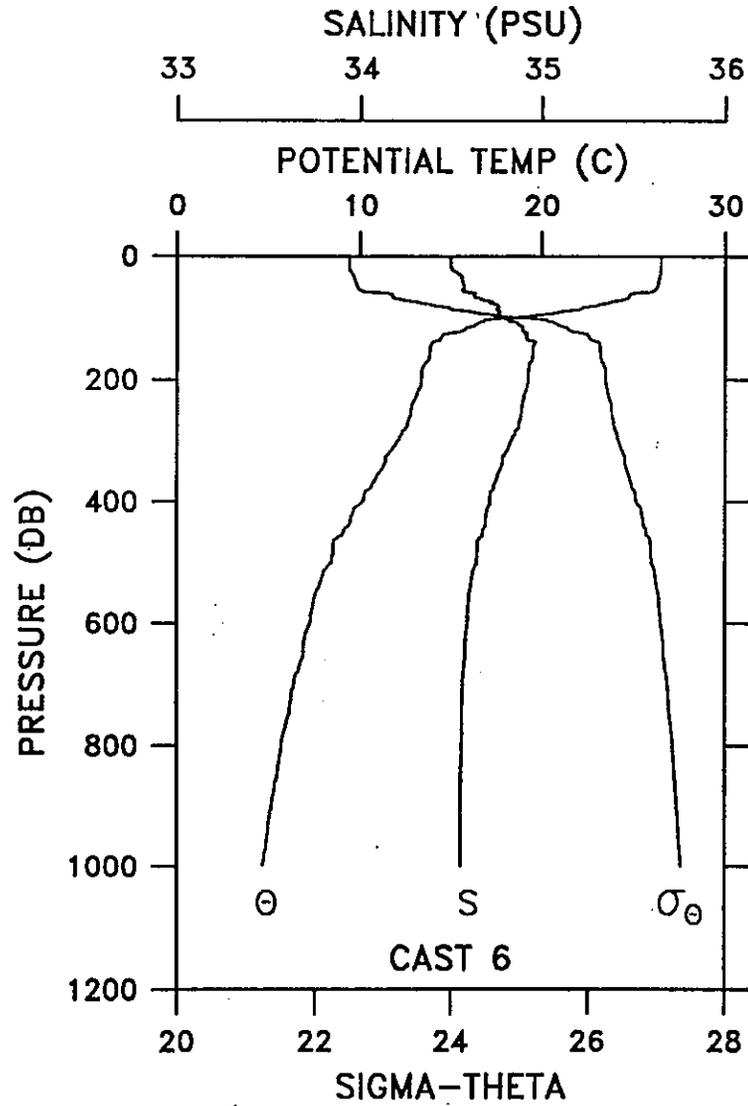


CAST EP3-91-DI-005 DATE 25 OCT 91 TIME 2323 GMT
 LAT 05 02.6N LONG 109 59.2W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 195 T SPD 15 KT VISIBILITY 7
 CLOUD 8 AMOUNT 4 DRY 26.4 WET 23.9 DEPTH 3968 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.296	33.390	21.413	0.000
10	27.281	33.398	21.424	0.064
20	27.206	33.440	21.480	0.127
30	27.049	33.813	21.810	0.188
40	26.984	33.866	21.871	0.248
50	26.941	33.978	21.969	0.307
60	24.349	34.550	23.199	0.361
70	22.908	34.722	23.751	0.406
80	19.384	34.634	24.644	0.443
90	16.672	34.717	25.375	0.473
100	14.959	34.704	25.753	0.498
110	13.982	34.677	25.942	0.519
120	13.247	34.658	26.078	0.539
130	13.087	34.740	26.175	0.559
140	12.686	34.752	26.264	0.577
150	12.535	34.778	26.313	0.594
160	12.587	34.854	26.363	0.612
170	12.423	34.836	26.381	0.629
180	12.270	34.806	26.387	0.645
190	12.037	34.776	26.408	0.662
200	11.844	34.774	26.444	0.678
250	11.082	34.761	26.575	0.756
300	10.547	34.726	26.644	0.831
350	10.017	34.706	26.720	0.902
400	9.440	34.677	26.794	0.970
450	8.950	34.658	26.859	1.035
500	8.333	34.632	26.935	1.098
550	7.489	34.602	27.036	1.155
600	7.124	34.591	27.080	1.210
650	6.607	34.575	27.138	1.263
700	6.331	34.569	27.170	1.313
750	5.897	34.562	27.220	1.362
800	5.580	34.559	27.257	1.408
900	5.040	34.560	27.322	1.497
1000	4.550	34.564	27.381	1.579
1000	4.550	34.564	27.381	1.579

CAST EP3-91-DI -006 DATE 26 OCT 91 TIME 0810 GMT
LAT 03 29.8N LONG 110 15.2W



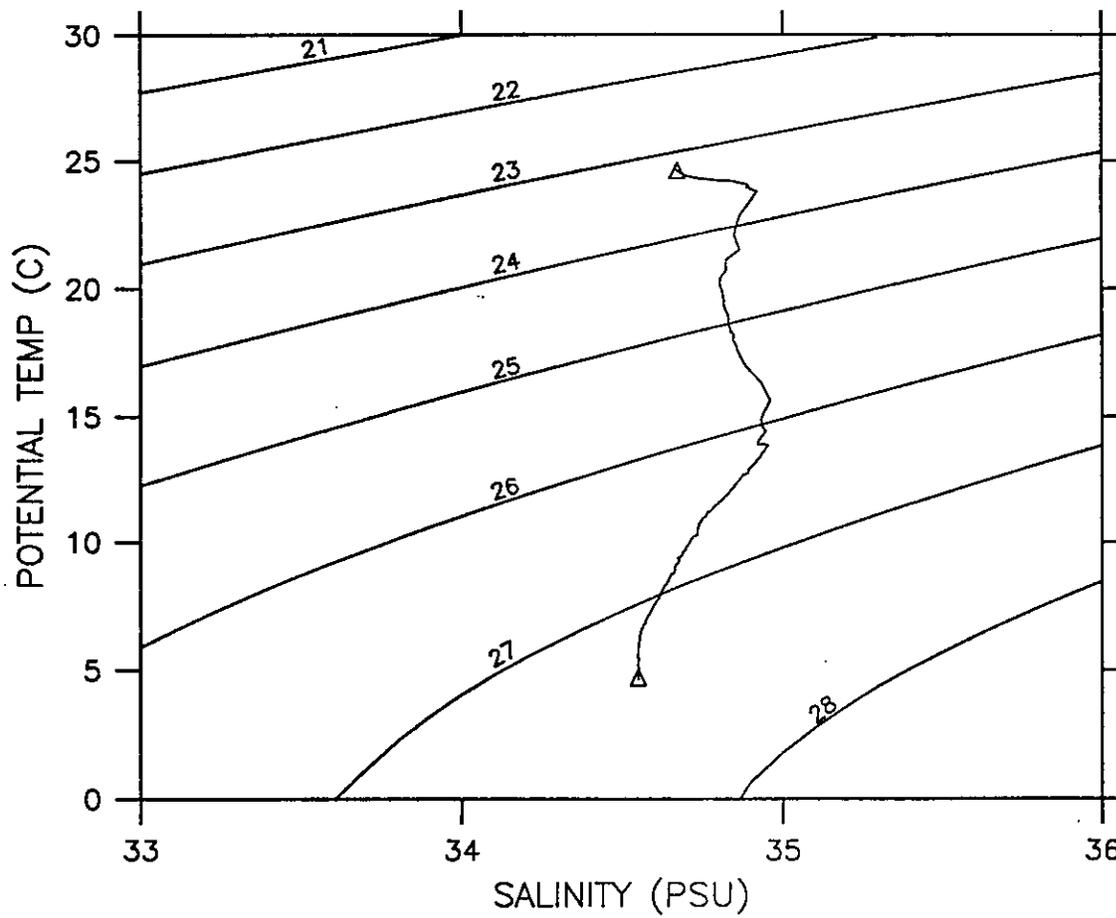


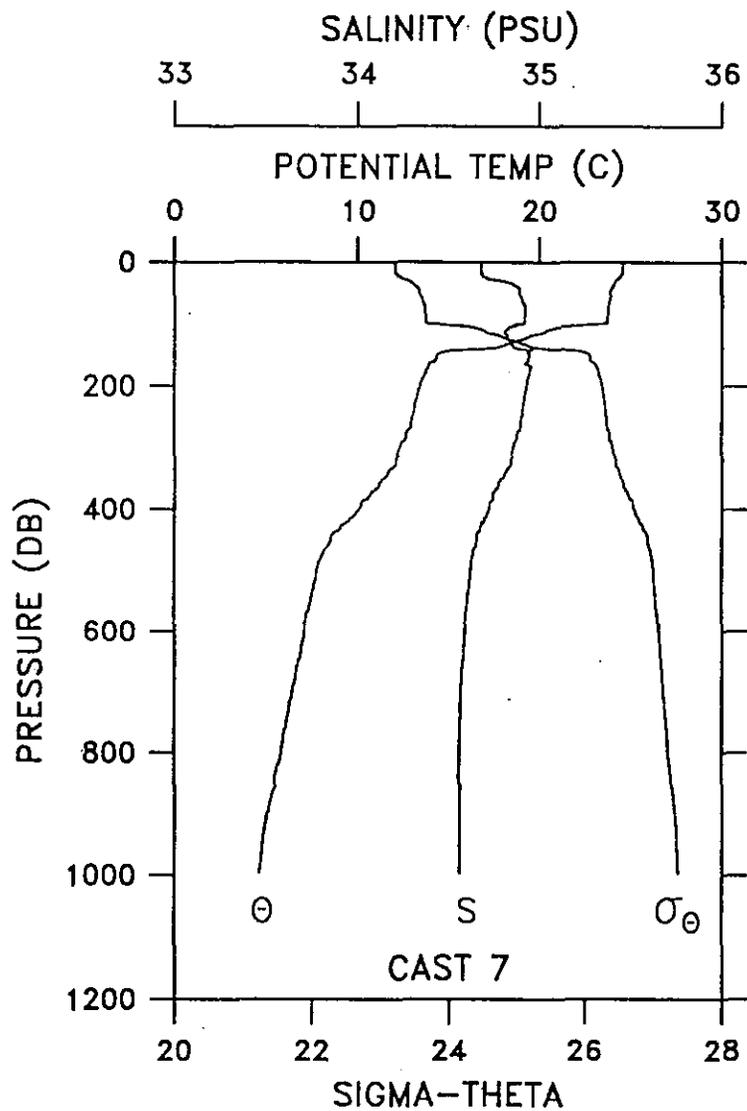
CAST EP3-91-DI-006 DATE 26 OCT 91 TIME 0810 GMT
 LAT 03 29.8N LONG 110 15.2W WEATHER 1 SEA STATE 4
 BAROMETER 09 WIND DIR 180 T SPD 13 KT VISIBILITY 7
 CLOUD 8 AMOUNT 6 DRY 25.2 WET 23.2 DEPTH 3848 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.489	34.503	22.507	0.000
10	26.494	34.499	22.503	0.053
20	26.493	34.505	22.508	0.107
30	26.452	34.551	22.555	0.160
40	26.365	34.564	22.592	0.213
50	26.280	34.573	22.626	0.265
60	24.960	34.630	23.076	0.317
70	24.407	34.672	23.274	0.364
80	22.960	34.759	23.764	0.408
90	21.000	34.763	24.314	0.447
100	17.960	34.791	25.123	0.480
110	16.372	34.876	25.567	0.506
120	15.675	34.894	25.741	0.529
130	14.497	34.916	26.017	0.550
140	13.950	34.959	26.166	0.570
150	13.863	34.953	26.180	0.589
160	13.807	34.952	26.191	0.608
170	13.703	34.942	26.205	0.626
180	13.443	34.930	26.250	0.644
190	13.383	34.926	26.259	0.663
200	13.369	34.925	26.261	0.681
250	12.816	34.891	26.346	0.769
300	12.099	34.835	26.443	0.855
350	11.140	34.770	26.572	0.934
400	10.132	34.716	26.708	1.008
450	9.066	34.675	26.853	1.075
500	8.422	34.642	26.929	1.137
550	7.569	34.603	27.025	1.194
600	7.255	34.592	27.062	1.250
650	6.889	34.580	27.103	1.303
700	6.386	34.567	27.161	1.354
750	6.109	34.564	27.194	1.404
800	5.687	34.561	27.245	1.451
900	5.164	34.554	27.303	1.541
1000	4.685	34.556	27.359	1.626
1000	4.685	34.556	27.359	1.626

CAST EP3-91-DI -007 DATE 27 OCT 91 TIME 0542 GMT

LAT 02 02.6N LONG 110 02.8W

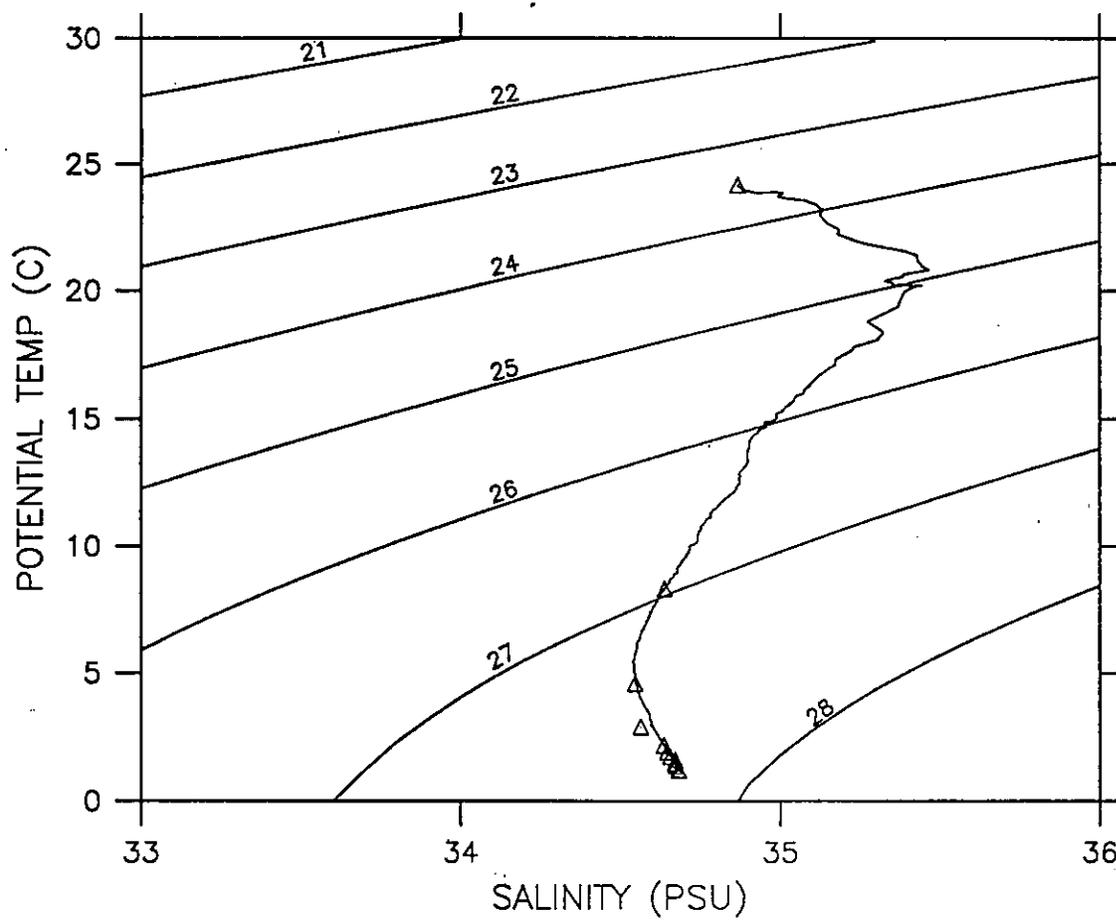


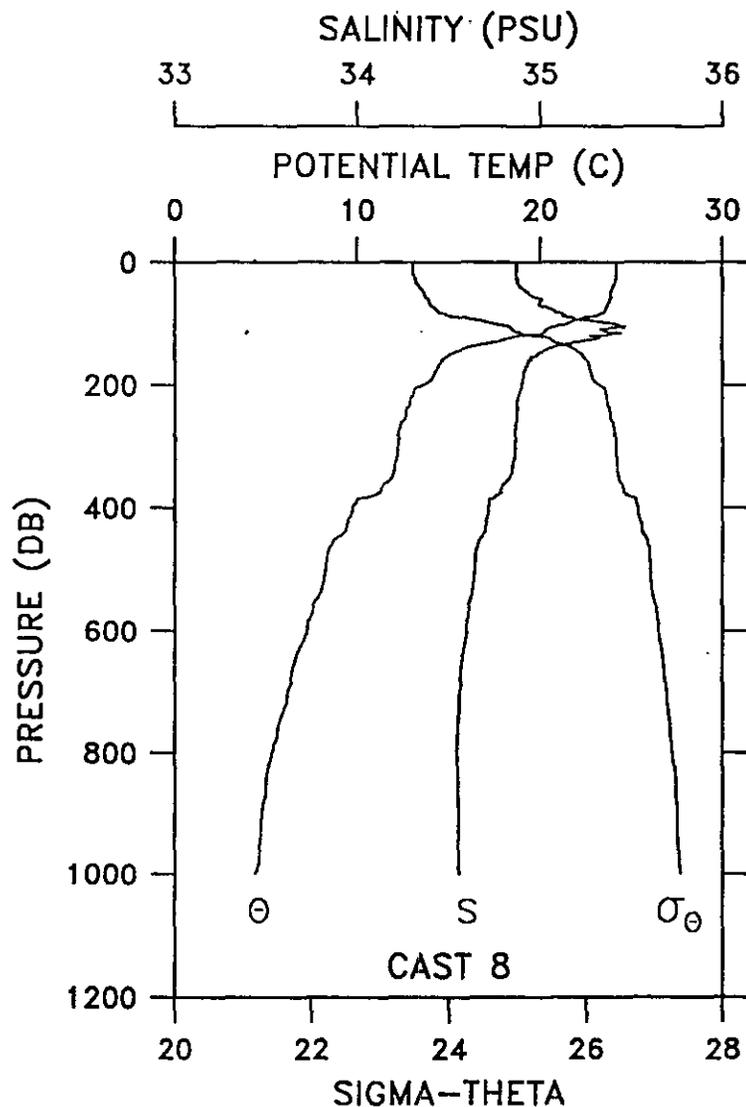


CAST EP3-91-DI-007 DATE 27 OCT 91 TIME 0542 GMT
 LAT 02 02.6N LONG 110 02.8W WEATHER 1 SEA STATE 2
 BAROMETER 11 WIND DIR 190 T SPD 16 KT VISIBILITY 9
 CLOUD 6 AMOUNT 2 DRY 23.8 WET 22.6 DEPTH 3765 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.635	34.673	23.206	0.000
10	24.622	34.679	23.215	0.047
20	24.550	34.685	23.241	0.093
30	24.233	34.798	23.421	0.139
40	24.090	34.886	23.530	0.183
50	23.937	34.891	23.579	0.226
60	23.872	34.906	23.610	0.269
70	23.803	34.920	23.640	0.312
80	23.776	34.920	23.649	0.355
90	23.752	34.918	23.654	0.398
100	22.875	34.870	23.873	0.440
110	20.430	34.810	24.504	0.477
120	19.390	34.820	24.784	0.510
130	18.384	34.841	25.056	0.541
140	16.936	34.889	25.445	0.569
150	14.339	34.943	26.072	0.590
160	14.229	34.936	26.090	0.610
170	13.852	34.954	26.183	0.629
180	13.689	34.946	26.211	0.648
190	13.498	34.934	26.241	0.666
200	13.407	34.930	26.257	0.684
250	12.977	34.901	26.321	0.774
300	12.305	34.856	26.419	0.860
350	11.342	34.786	26.547	0.942
400	10.035	34.719	26.727	1.017
450	8.529	34.653	26.921	1.082
500	7.766	34.619	27.010	1.140
550	7.457	34.604	27.042	1.196
600	7.082	34.586	27.081	1.250
650	6.753	34.575	27.118	1.303
700	6.452	34.564	27.149	1.355
750	6.139	34.560	27.187	1.404
800	5.856	34.557	27.221	1.453
900	5.032	34.556	27.319	1.543
996	4.630	34.559	27.367	1.623

CAST EP3-91-DI -008 DATE 28 OCT 91 TIME 0758 GMT
LAT 00 01.2N LONG 109 59.8W

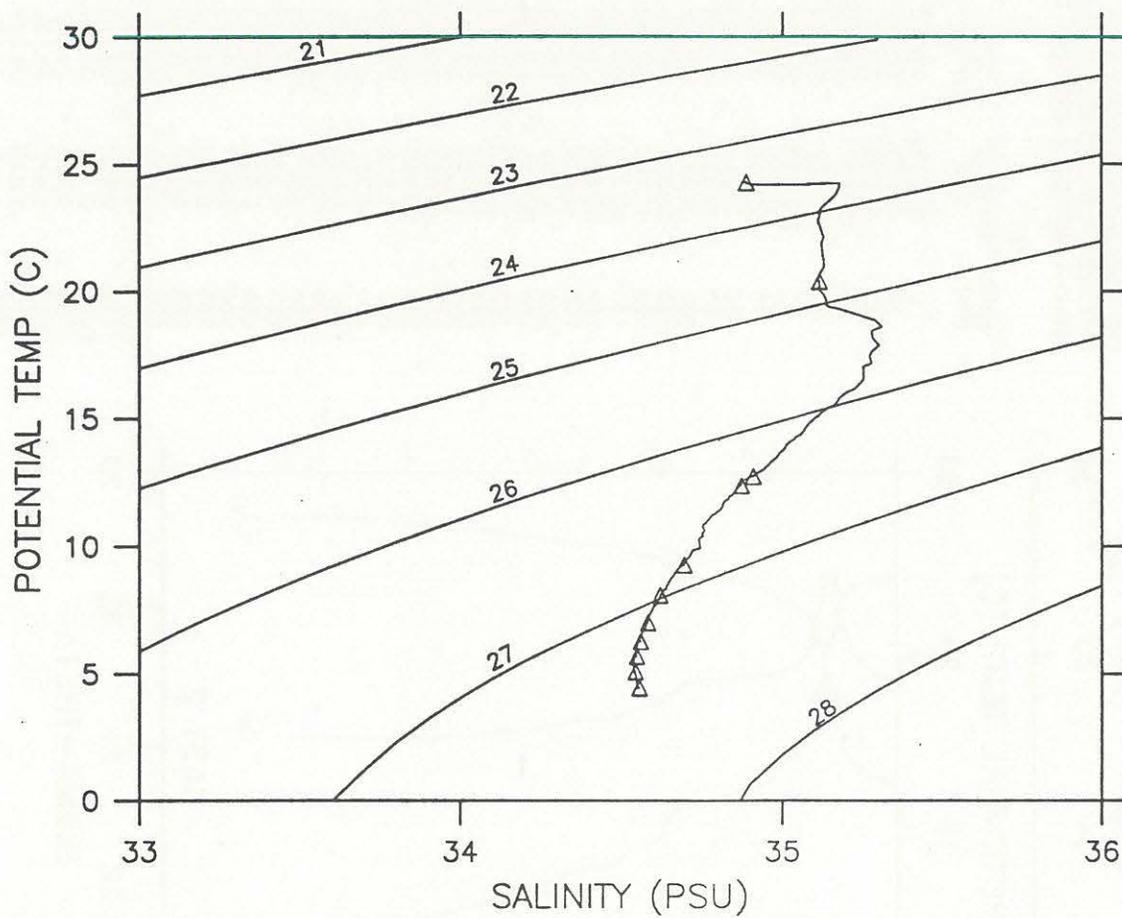


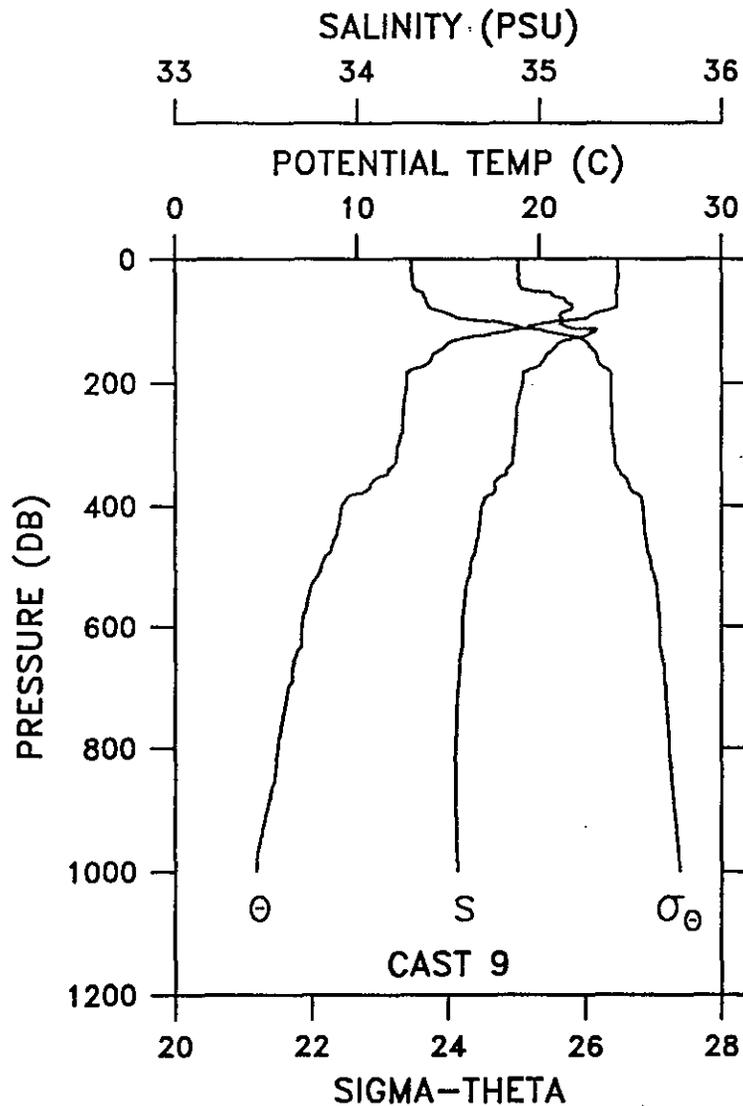


CAST EP3-91-DI -008 DATE 28 OCT 91 TIME 0758 GMT
 LAT 00 01.2N LONG 109 59.8W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 145 T SPD 16 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 23.8 WET 22.6 DEPTH 3830 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.210	34.870	23.482	0.000
10	24.206	34.871	23.484	0.044
20	24.203	34.871	23.485	0.088
30	24.094	34.872	23.518	0.132
40	23.964	34.888	23.569	0.175
50	23.852	34.936	23.638	0.218
60	23.829	35.009	23.700	0.261
70	23.691	34.999	23.734	0.303
80	23.545	35.079	23.837	0.344
90	22.420	35.184	24.241	0.384
100	21.471	35.411	24.679	0.419
110	20.345	35.344	24.934	0.450
120	18.796	35.277	25.286	0.480
130	17.488	35.200	25.552	0.505
140	15.896	35.049	25.810	0.529
150	15.075	34.991	25.950	0.550
160	14.595	34.933	26.009	0.571
170	14.393	34.920	26.043	0.591
180	14.206	34.908	26.073	0.611
190	14.059	34.904	26.101	0.631
200	13.573	34.898	26.198	0.650
250	12.666	34.872	26.361	0.738
300	12.214	34.860	26.440	0.822
350	11.892	34.833	26.480	0.904
400	9.782	34.716	26.768	0.979
450	8.852	34.672	26.886	1.046
500	8.298	34.642	26.948	1.106
550	7.743	34.613	27.008	1.165
600	7.277	34.596	27.062	1.221
650	6.609	34.570	27.133	1.273
700	6.190	34.556	27.177	1.324
750	5.752	34.549	27.228	1.372
800	5.372	34.546	27.272	1.418
900	4.814	34.551	27.341	1.504
1000	4.448	34.555	27.385	1.586
1500	2.915	34.605	27.578	1.926
2000	2.177	34.641	27.670	2.207
2500	1.737	34.661	27.721	2.459
3000	1.477	34.674	27.751	2.694
3500	1.234	34.687	27.778	2.919
3604	1.182	34.690	27.784	2.964

CAST EP3-91-DI -009 DATE 29 OCT 91 TIME 0755 GMT
LAT 00 59.6S LONG 109 58.7W

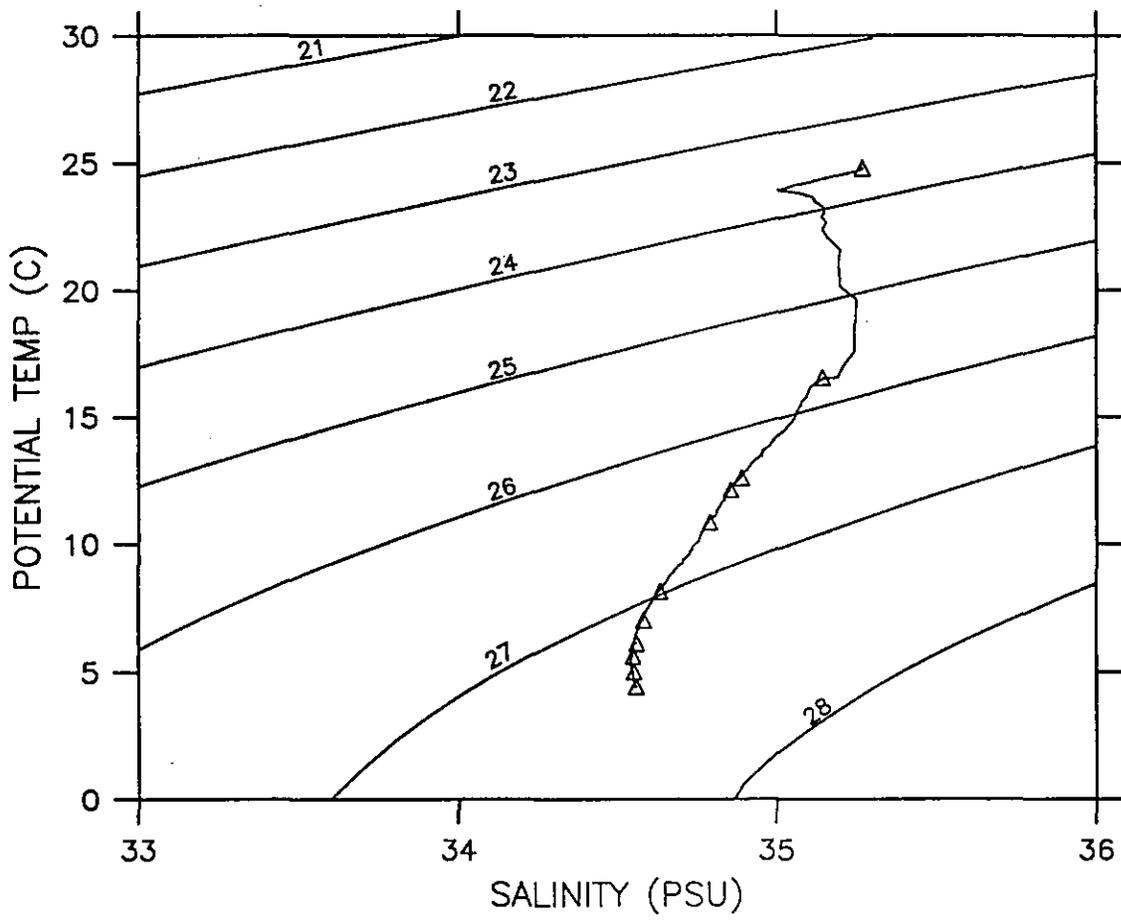


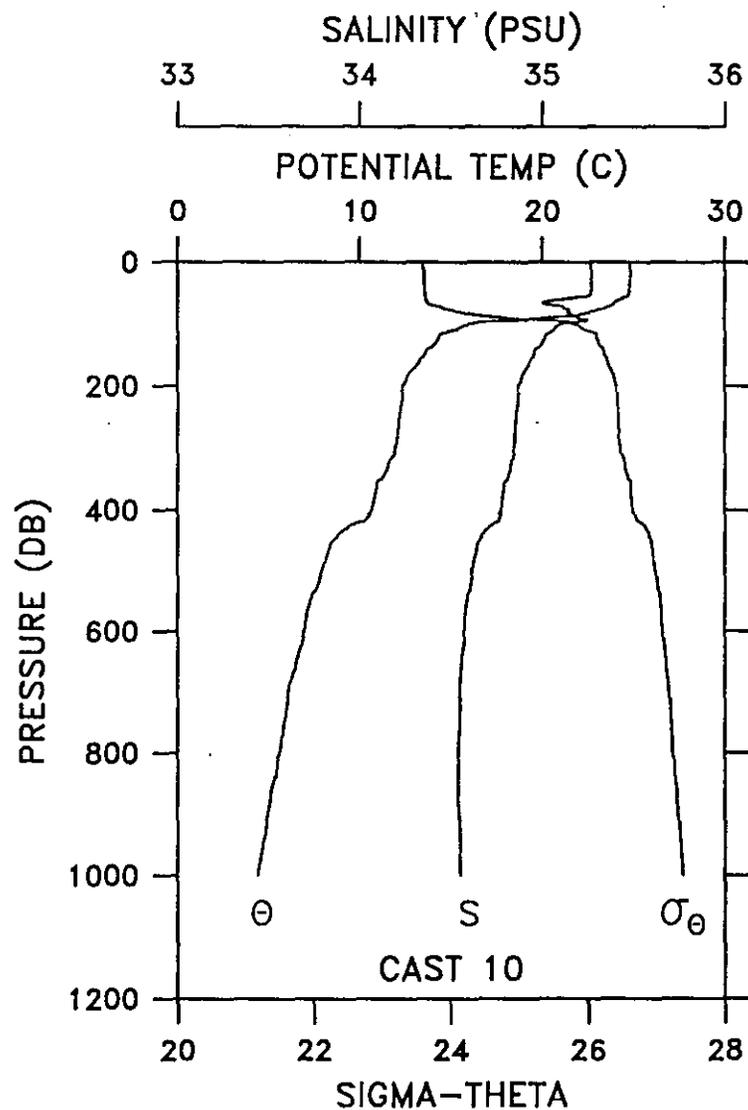


CAST EP3-91-DI -009 DATE 29 OCT 91 TIME 0755 GMT
 LAT 00 59.6S LONG 109 58.7W WEATHER 0 SEA STATE 3
 BAROMETER 09 WIND DIR 100 T SPD 14 KT VISIBILITY 8
 CLOUD 8 AMOUNT 1 DRY 23.9 WET 22.3 DEPTH 3978 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.296	34.889	23.471	0.000
10	24.289	34.887	23.472	0.044
20	24.297	34.887	23.469	0.088
30	24.292	34.883	23.468	0.132
40	24.260	34.888	23.481	0.177
50	24.197	34.919	23.523	0.221
60	24.203	35.083	23.646	0.264
70	24.239	35.147	23.683	0.306
80	24.053	35.177	23.762	0.348
90	22.888	35.114	24.054	0.388
100	20.976	35.130	24.601	0.426
110	19.369	35.150	25.043	0.457
120	17.620	35.281	25.581	0.484
130	15.543	35.165	25.979	0.506
140	14.913	35.092	26.063	0.526
150	14.447	35.063	26.141	0.545
160	14.158	35.032	26.179	0.564
170	13.872	35.008	26.221	0.583
180	12.946	34.935	26.354	0.601
190	12.742	34.908	26.374	0.618
200	12.735	34.907	26.374	0.635
250	12.538	34.874	26.388	0.720
300	12.308	34.865	26.425	0.804
350	11.407	34.807	26.551	0.887
400	9.166	34.684	26.844	0.957
450	8.868	34.667	26.878	1.021
500	8.059	34.625	26.971	1.082
550	7.320	34.592	27.053	1.138
600	6.971	34.580	27.092	1.192
650	6.842	34.569	27.129	1.244
700	6.205	34.554	27.174	1.295
750	5.947	34.549	27.203	1.344
800	5.675	34.544	27.234	1.391
900	5.058	34.544	27.307	1.482
1000	4.435	34.553	27.384	1.565
1001	4.432	34.553	27.385	1.565

CAST EP3-91-DI -010 DATE 30 OCT 91 TIME 0640 GMT
LAT 02 00.2S LONG 110 00.6W

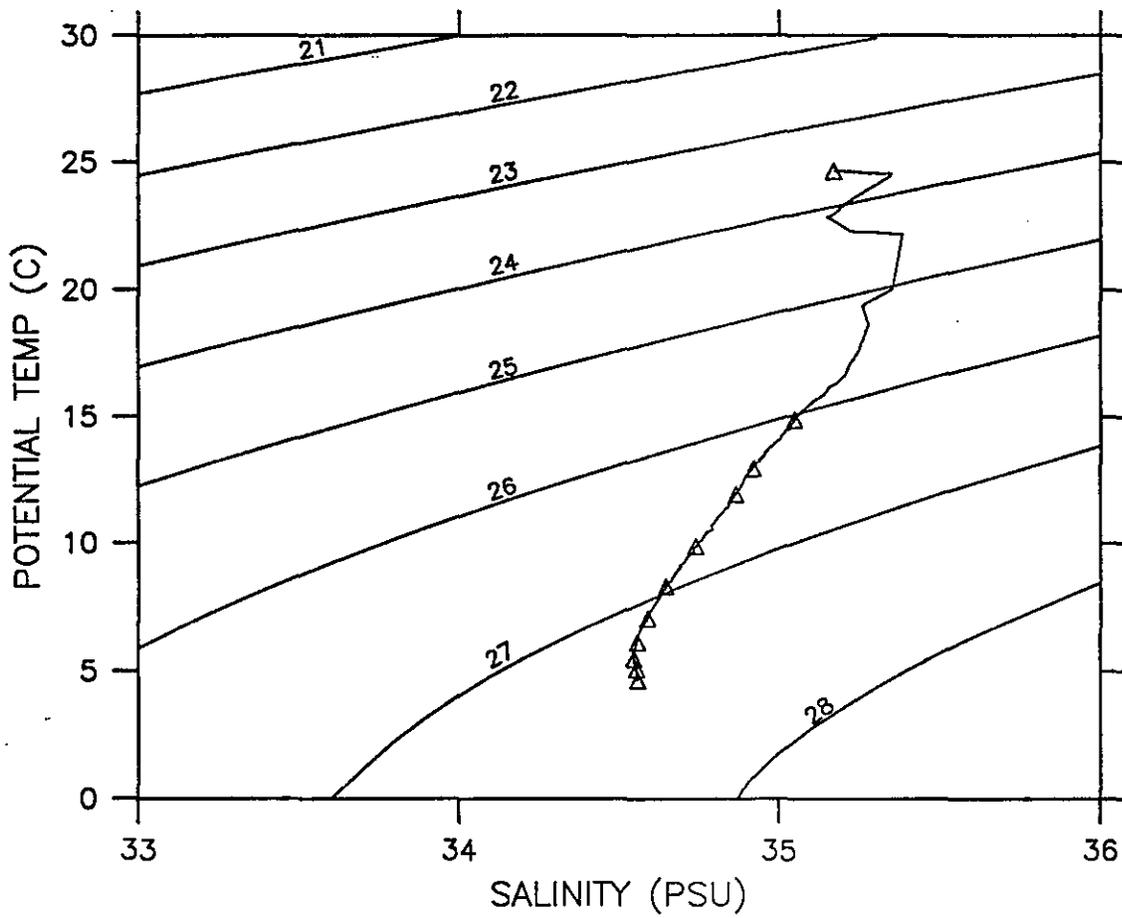


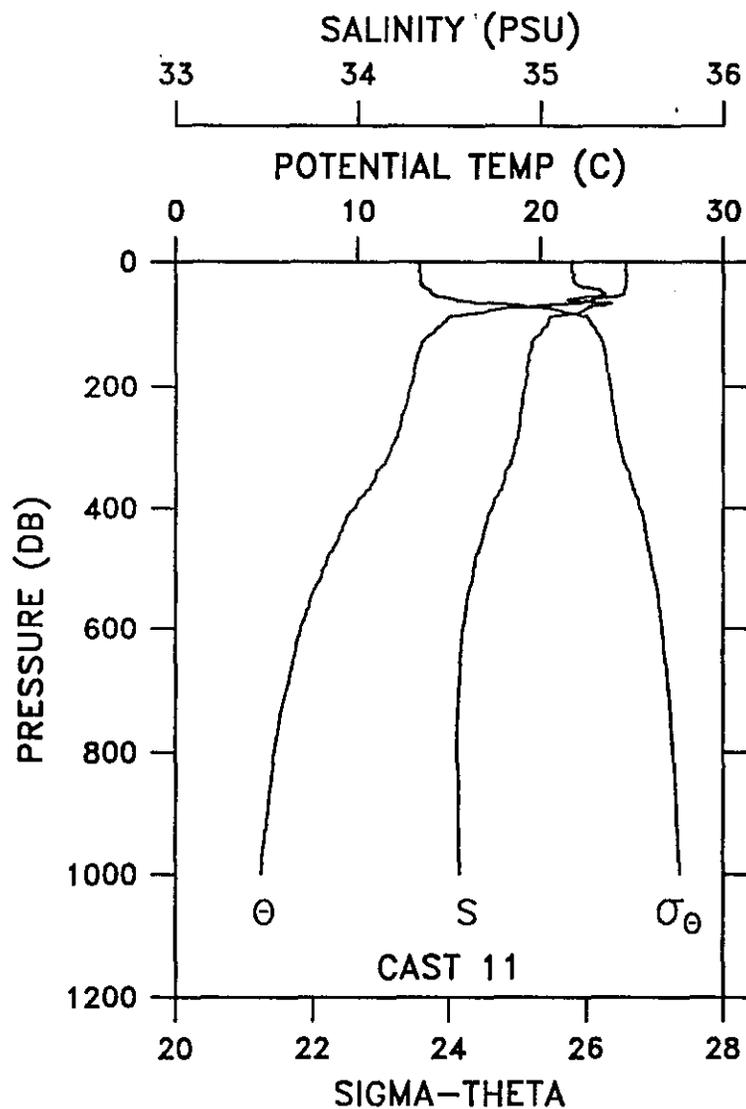


CAST EP3-91-DI -010 DATE 30 OCT 91 TIME 0640 GMT
 LAT 02 00.2S LONG 110 00.6W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 110 T SPD 18 KT VISIBILITY 9
 CLOUD 3 AMOUNT 5 DRY 24.2 WET 22.0 DEPTH 3947 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.812	35.266	23.601	0.000
10	24.808	35.267	23.603	0.043
20	24.801	35.267	23.605	0.086
30	24.789	35.267	23.609	0.129
40	24.765	35.268	23.617	0.171
50	24.732	35.265	23.625	0.214
60	24.257	35.106	23.647	0.257
70	23.763	35.086	23.778	0.299
80	22.677	35.153	24.144	0.339
90	20.141	35.196	24.875	0.374
100	15.978	35.097	25.829	0.399
110	15.017	35.056	26.012	0.420
120	14.363	35.014	26.122	0.440
130	14.173	34.998	26.150	0.459
140	13.724	34.965	26.219	0.478
150	13.532	34.954	26.250	0.496
160	13.289	34.934	26.284	0.514
170	13.046	34.918	26.321	0.531
180	12.726	34.898	26.369	0.548
190	12.581	34.886	26.389	0.565
200	12.393	34.871	26.414	0.582
250	12.205	34.858	26.440	0.665
300	12.010	34.849	26.471	0.747
350	11.243	34.814	26.587	0.828
400	10.691	34.779	26.659	0.900
450	8.555	34.659	26.922	0.967
500	7.969	34.619	26.980	1.026
550	7.294	34.589	27.054	1.083
600	6.969	34.575	27.089	1.137
650	6.521	34.562	27.139	1.189
700	6.113	34.553	27.185	1.239
750	5.867	34.553	27.216	1.287
800	5.626	34.544	27.239	1.334
900	4.984	34.548	27.319	1.423
999	4.430	34.555	27.387	1.504

CAST EP3-91-DI -011 DATE 30 OCT 91 TIME 1234 GMT
LAT 02 59.6S LONG 110 00.2W

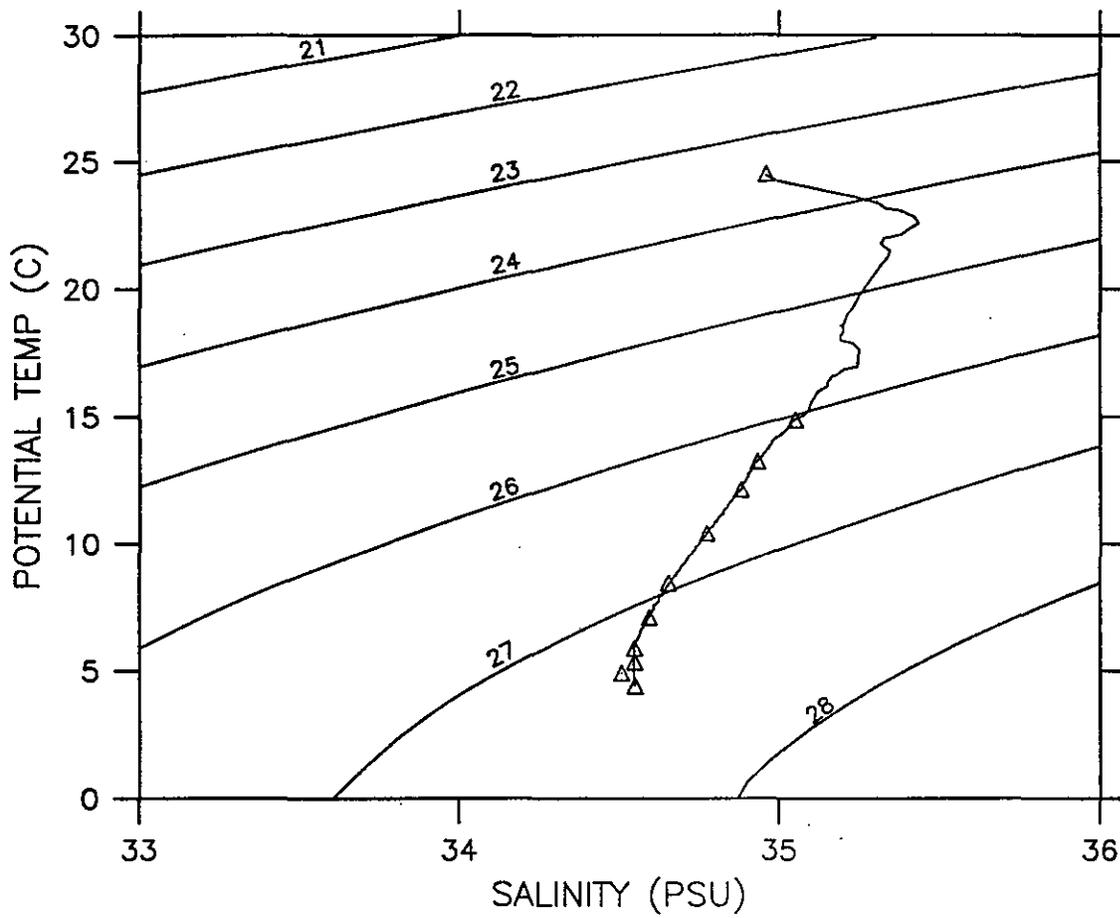


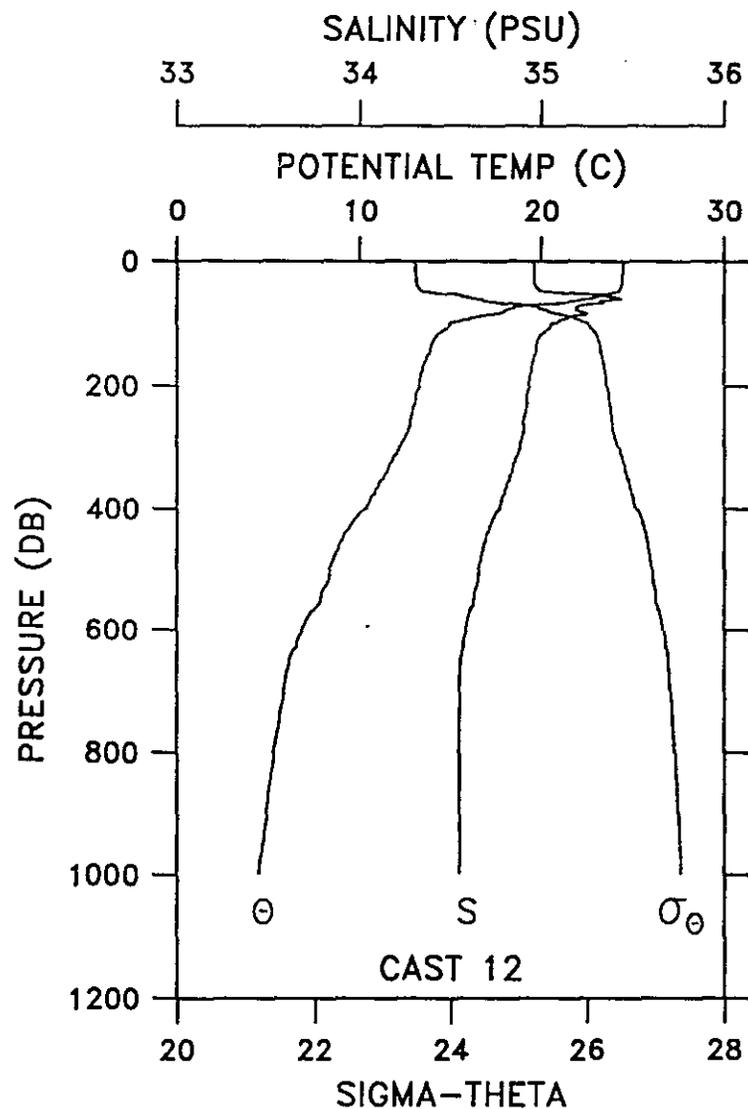


CAST EP3-91-DI-011 DATE 30 OCT 91 TIME 1234 GMT
 LAT 02 59.6S LONG 110 00.2W WEATHER 1 SEA STATE 4
 BAROMETER 11 WIND DIR 110 T SPD 17 KT VISIBILITY 7
 CLOUD 6 AMOUNT 6 DRY 24.0 WET 21.0 DEPTH 3773 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.655	35.172	23.577	0.000
10	24.655	35.172	23.578	0.043
20	24.659	35.181	23.583	0.086
30	24.655	35.180	23.584	0.129
40	24.620	35.232	23.633	0.172
50	24.564	35.339	23.731	0.214
60	22.845	35.154	24.096	0.255
70	19.747	35.310	25.066	0.289
80	16.899	35.213	25.703	0.315
90	14.905	35.047	26.030	0.336
100	14.622	35.038	26.084	0.356
110	14.243	35.008	26.143	0.375
120	13.783	34.971	26.211	0.394
130	13.532	34.953	26.249	0.412
140	13.439	34.950	26.265	0.430
150	13.307	34.936	26.282	0.448
160	13.225	34.934	26.297	0.465
170	13.166	34.929	26.305	0.483
180	13.100	34.927	26.317	0.500
190	13.001	34.918	26.329	0.518
200	12.892	34.913	26.348	0.535
250	12.429	34.887	26.419	0.620
300	11.894	34.859	26.500	0.702
350	10.958	34.803	26.630	0.780
400	9.819	34.733	26.775	0.851
450	8.952	34.684	26.879	0.915
500	8.129	34.635	26.968	0.976
550	7.382	34.600	27.050	1.033
600	6.855	34.576	27.105	1.086
650	6.477	34.564	27.146	1.138
700	6.057	34.553	27.192	1.187
750	5.698	34.547	27.233	1.234
800	5.417	34.547	27.267	1.280
900	5.046	34.552	27.315	1.368
999	4.651	34.557	27.364	1.451

CAST EP3-91-DI -012 DATE 30 OCT 91 TIME 1836 GMT
LAT 04 00.2S LONG 110 00.0W

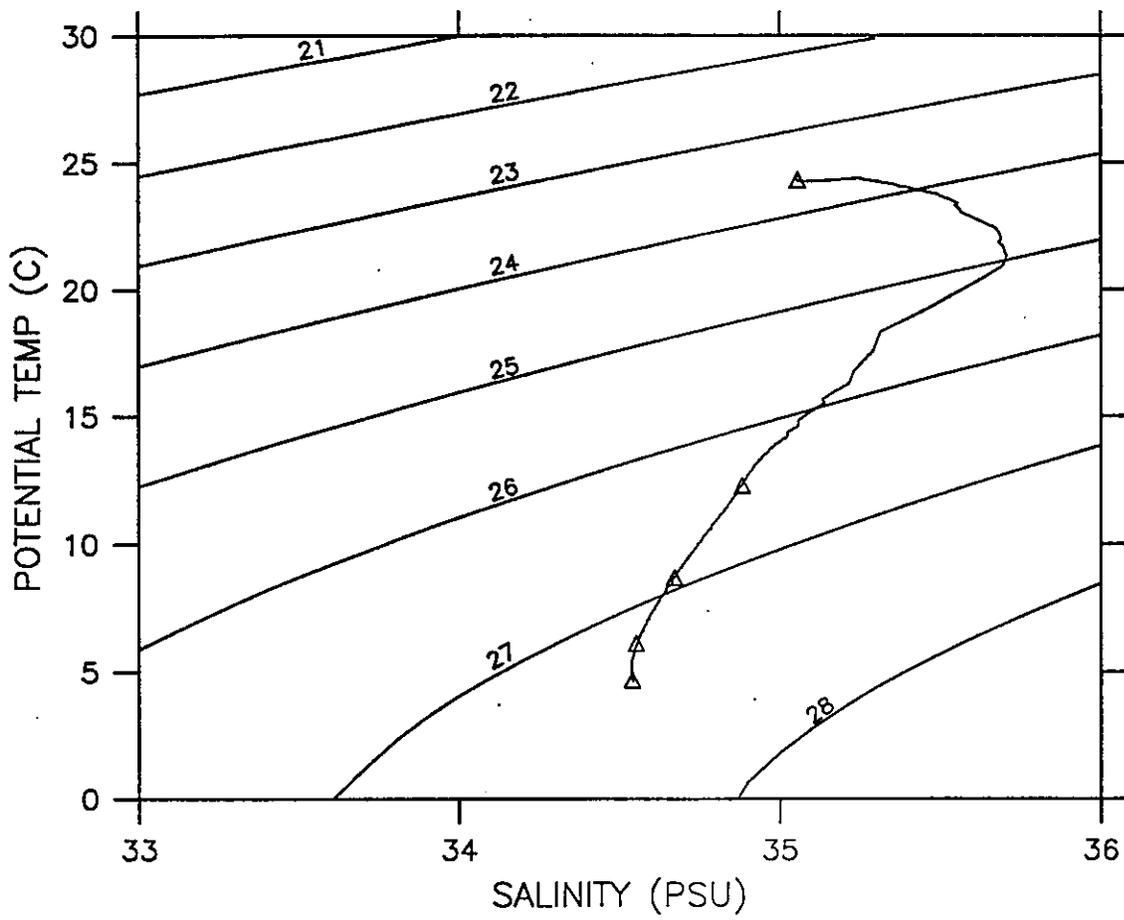


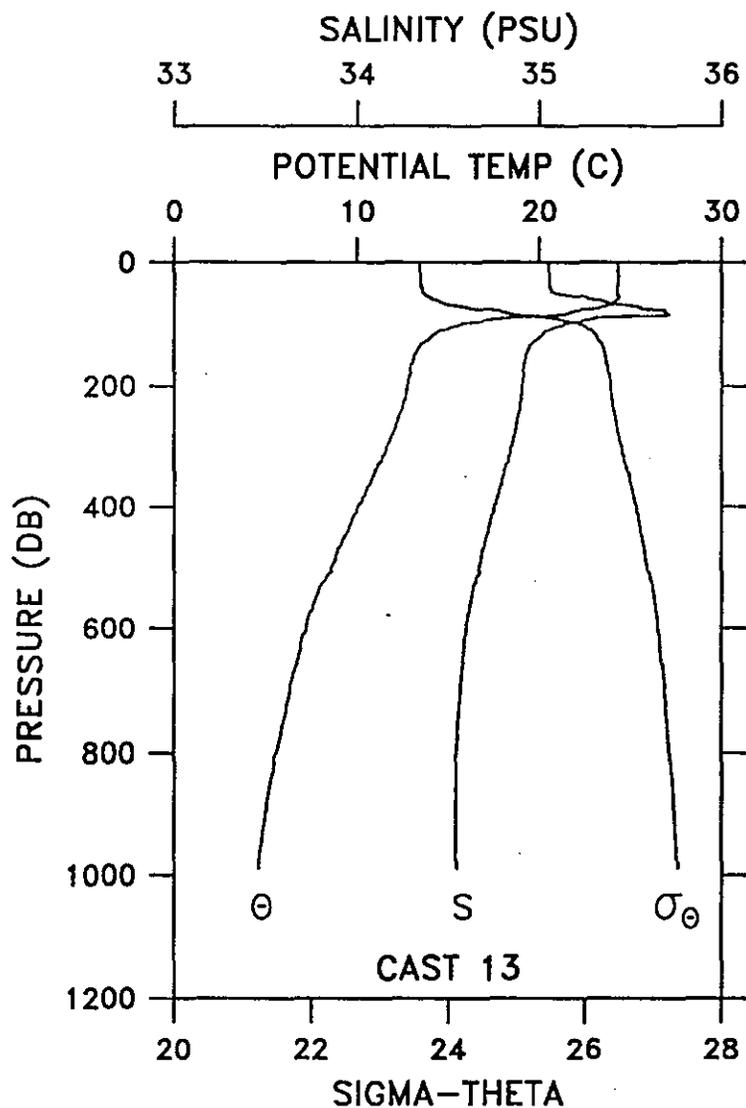


CAST EP3-91-DI -012 DATE 30 OCT 91 TIME 1836 GMT
 LAT 04 00.2S LONG 110 00.0W WEATHER 2 SEA STATE 5
 BAROMETER 13 WIND DIR 090 T SPD 16 KT VISIBILITY 7
 CLOUD 6 AMOUNT 7 DRY 23.3 WET 21.6 DEPTH 3826 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.467	34.960	23.474	0.000
10	24.463	34.960	23.475	0.044
20	24.423	34.964	23.490	0.088
30	24.411	34.961	23.491	0.132
40	24.364	34.969	23.511	0.176
50	23.949	35.110	23.742	0.219
60	22.578	35.437	24.388	0.258
70	19.367	35.233	25.106	0.291
80	17.935	35.217	25.455	0.317
90	16.198	35.151	25.819	0.341
100	14.949	35.053	26.025	0.362
110	14.549	35.025	26.090	0.382
120	14.160	34.988	26.145	0.401
130	13.946	34.976	26.181	0.420
140	13.858	34.971	26.195	0.438
150	13.728	34.963	26.216	0.457
160	13.590	34.954	26.238	0.475
170	13.463	34.948	26.259	0.493
180	13.369	34.941	26.273	0.511
190	13.311	34.936	26.281	0.529
200	13.271	34.931	26.286	0.547
250	12.798	34.904	26.360	0.634
300	12.181	34.883	26.464	0.719
350	11.289	34.825	26.587	0.798
400	10.305	34.768	26.719	0.872
450	9.040	34.694	26.872	0.938
500	8.321	34.652	26.952	0.999
550	7.848	34.626	27.003	1.057
600	6.835	34.584	27.114	1.112
650	6.136	34.554	27.183	1.162
700	5.843	34.548	27.215	1.210
750	5.574	34.547	27.248	1.256
800	5.279	34.547	27.284	1.301
900	4.877	34.548	27.332	1.387
997	4.485	34.549	27.376	1.467

CAST EP3-91-DI -013 · DATE 31 OCT 91 · TIME 0317 GMT
LAT 04 59.8S LONG 110 01.9W

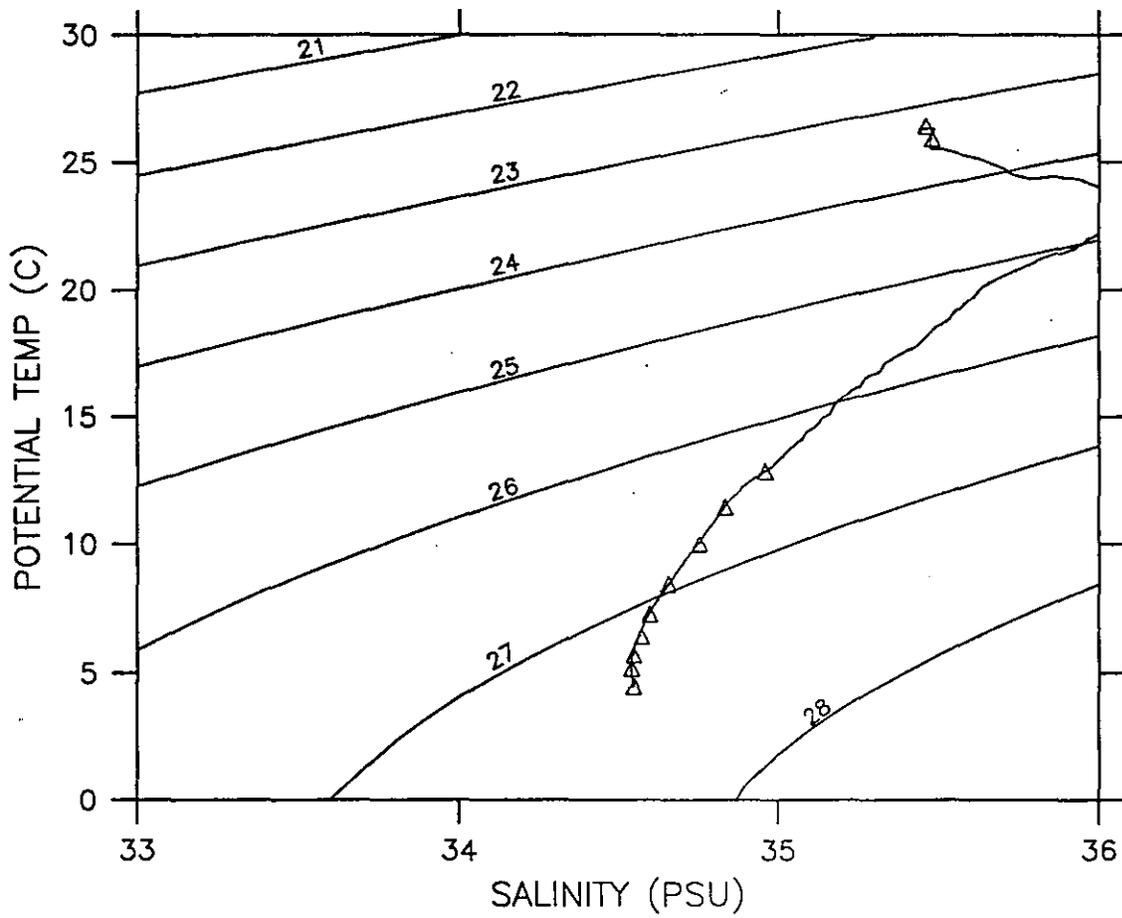


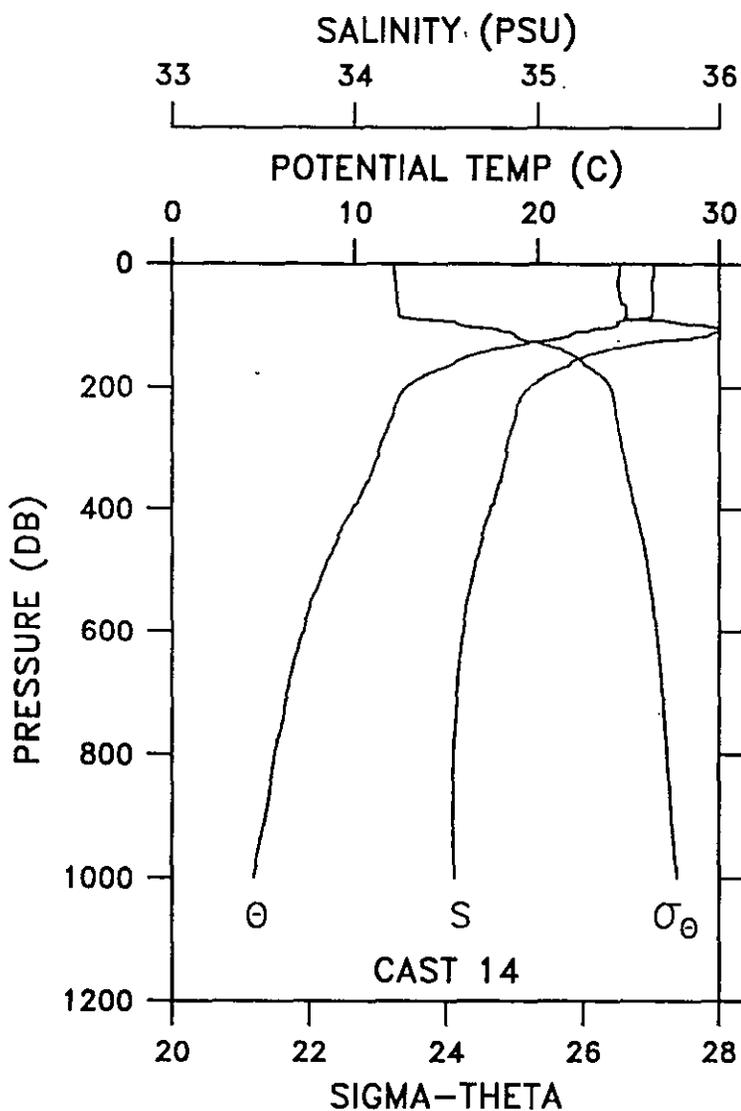


CAST EP3-91-DI -013 DATE 31 OCT 91 TIME 0317 GMT
 LAT 04 59.8S LONG 110 01.9W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 120 T SPD 18 KT VISIBILITY 7
 CLOUD 1 AMOUNT 2 DRY 23.5 WET 21.5 DEPTH 3658 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.332	35.052	23.584	0.000
10	24.334	35.053	23.584	0.043
20	24.335	35.053	23.584	0.086
30	24.328	35.053	23.586	0.129
40	24.276	35.058	23.605	0.172
50	24.262	35.087	23.631	0.215
60	24.281	35.300	23.787	0.257
70	23.700	35.502	24.112	0.297
80	21.744	35.696	24.820	0.332
90	17.948	35.306	25.521	0.361
100	15.645	35.134	25.932	0.383
110	14.483	35.038	26.115	0.403
120	14.048	35.004	26.180	0.422
130	13.570	34.961	26.248	0.441
140	13.303	34.939	26.285	0.459
150	13.156	34.927	26.306	0.476
160	13.071	34.922	26.319	0.494
170	12.944	34.915	26.339	0.511
180	12.876	34.914	26.351	0.528
190	12.773	34.905	26.365	0.545
200	12.729	34.904	26.373	0.562
250	12.254	34.882	26.449	0.646
300	11.604	34.845	26.544	0.726
350	10.835	34.798	26.648	0.802
400	10.013	34.749	26.754	0.873
450	9.316	34.709	26.839	0.940
500	8.638	34.669	26.916	1.003
550	7.756	34.624	27.015	1.062
600	7.237	34.599	27.070	1.117
650	6.804	34.582	27.117	1.170
700	6.331	34.565	27.166	1.221
750	5.985	34.554	27.202	1.270
800	5.619	34.547	27.242	1.318
900	4.996	34.541	27.312	1.407
989	4.611	34.545	27.359	1.482

CAST EP3-91-DI -014 DATE 03 NOV 91 TIME 0018 GMT
LAT 05 02.1S LONG 124 54.2W

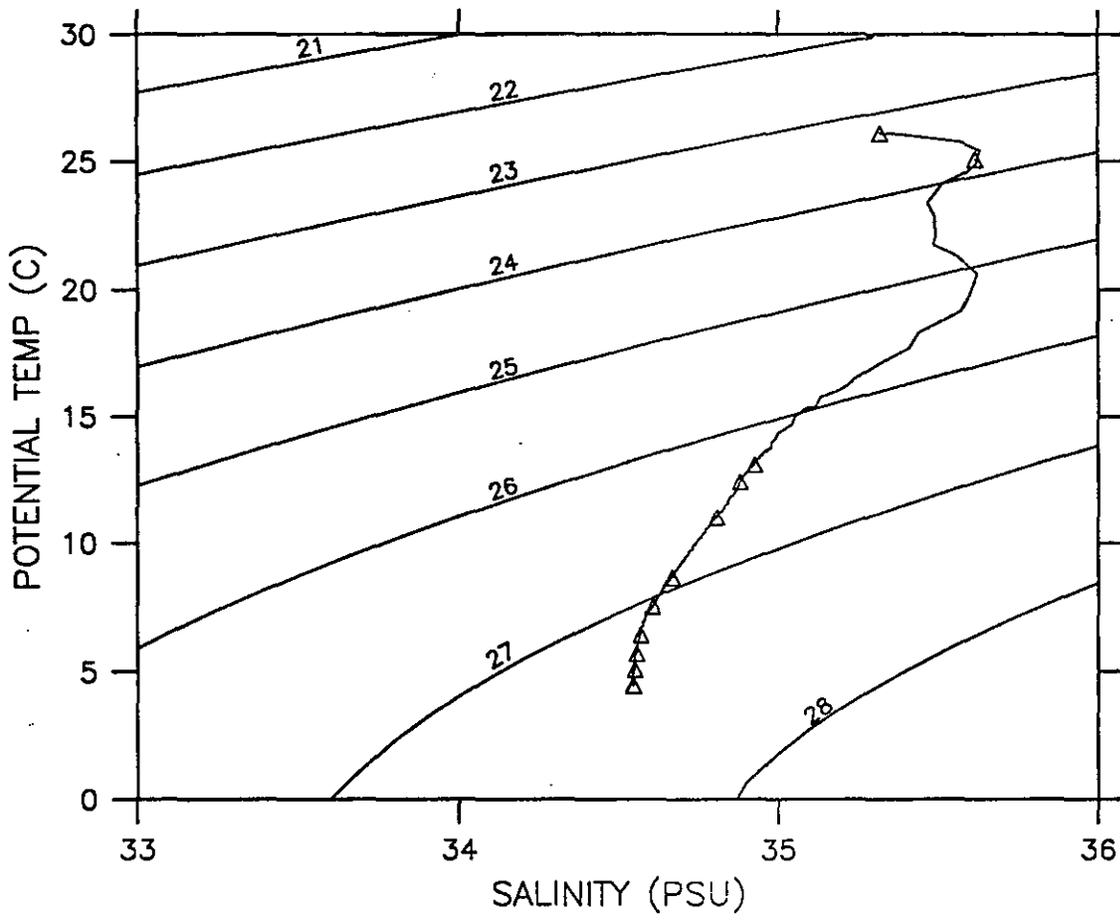




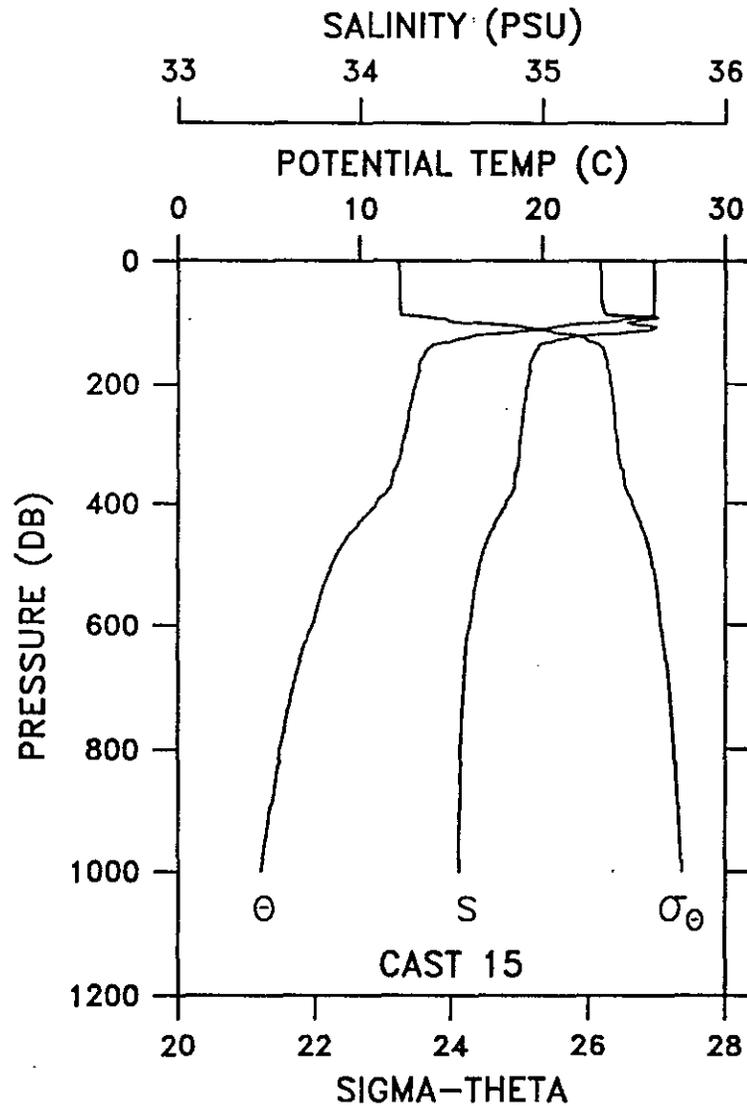
CAST EP3-91-DI-014 DATE 03 NOV 91 TIME 0018 GMT
 LAT 05 02.1S LONG 124 54.2W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 080 T SPD 17 KT VISIBILITY 7
 CLOUD 8 AMOUNT 5 DRY 26.5 WET 23.0 DEPTH 4531 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.417	35.451	23.245	0.000
10	26.403	35.451	23.249	0.046
20	26.368	35.447	23.257	0.092
30	26.300	35.442	23.275	0.139
40	26.295	35.443	23.278	0.185
50	26.290	35.445	23.280	0.231
60	26.297	35.454	23.285	0.277
70	26.314	35.484	23.302	0.323
80	26.291	35.484	23.310	0.369
90	25.508	35.512	23.575	0.414
100	24.387	35.912	24.218	0.453
110	22.530	36.042	24.861	0.487
120	21.407	35.863	25.041	0.517
130	19.190	35.557	25.399	0.545
140	17.400	35.371	25.704	0.570
150	16.191	35.259	25.904	0.592
160	15.508	35.185	26.002	0.613
170	14.726	35.128	26.131	0.633
180	13.855	35.049	26.256	0.652
190	13.258	34.999	26.340	0.670
200	12.820	34.952	26.392	0.687
250	12.052	34.877	26.484	0.768
300	11.402	34.830	26.570	0.847
350	10.821	34.796	26.650	0.922
400	9.892	34.742	26.769	0.992
450	9.052	34.693	26.870	1.058
500	8.310	34.650	26.953	1.119
550	7.620	34.613	27.026	1.177
600	7.209	34.594	27.070	1.232
650	6.705	34.572	27.122	1.285
700	6.319	34.581	27.165	1.336
750	6.018	34.551	27.196	1.385
800	5.627	34.540	27.236	1.433
900	5.123	34.537	27.294	1.524
1000	4.470	34.545	27.374	1.608
1010	4.443	34.547	27.379	1.616

CAST EP3-91-DI -015 DATE 03 NOV 91 TIME 0718 GMT
LAT 03 59.7S LONG 124 52.9W

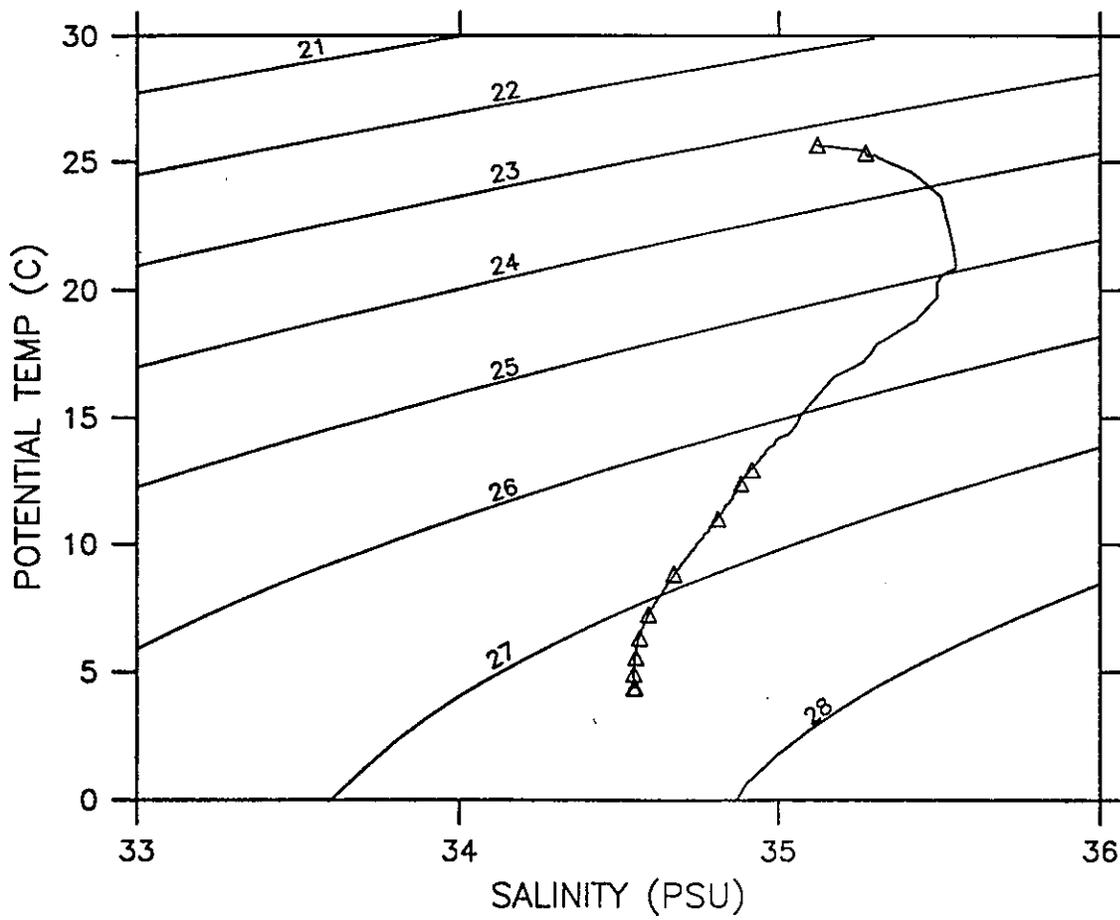


CAST EP3-91-DI-015 DATE 03 NOV 91 TIME 0718 GMT
 LAT 03 59.7S LONG 124 52.9W WEATHER 1 SEA STATE 4
 BAROMETER 13 WIND DIR 085 T SPD 16 KT VISIBILITY 9
 CLOUD 8 AMOUNT 2 DRY 25.5 WET 22.5 DEPTH 4532 M

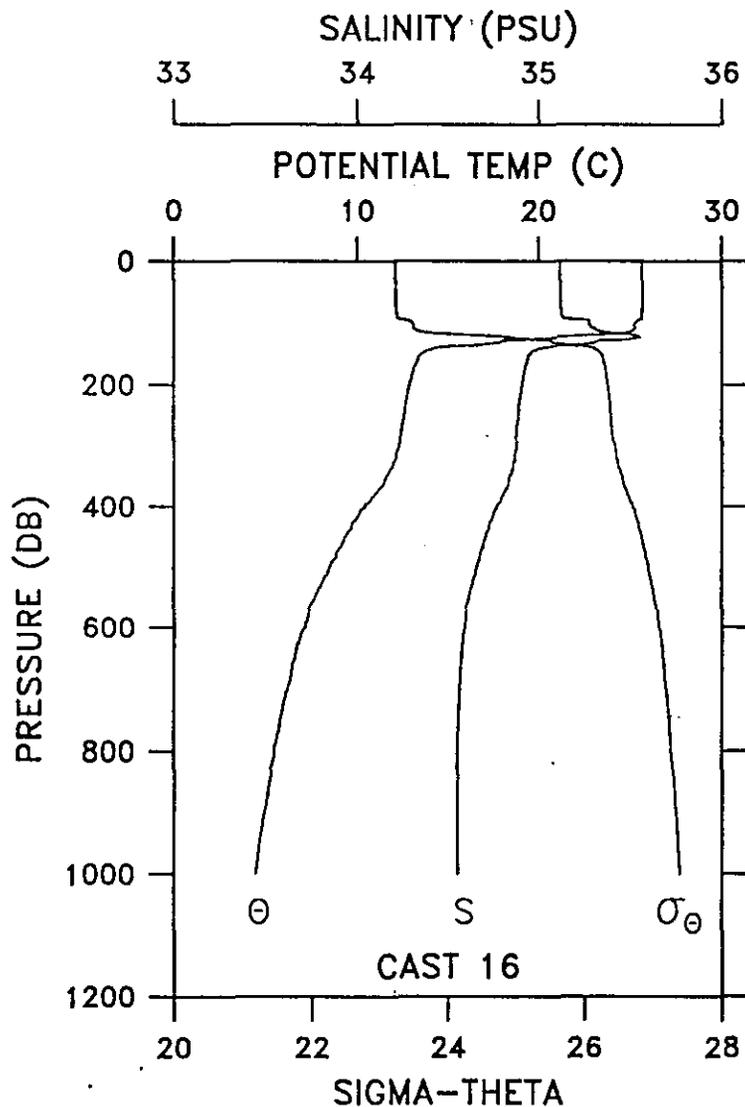


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.105	35.319	23.243	0.000
10	26.095	35.319	23.246	0.046
20	26.094	35.319	23.247	0.093
30	26.093	35.319	23.247	0.139
40	26.094	35.318	23.246	0.185
50	26.093	35.319	23.247	0.232
60	26.094	35.319	23.247	0.278
70	26.080	35.326	23.257	0.324
80	26.077	35.335	23.264	0.371
90	25.746	35.570	23.544	0.417
100	23.389	35.465	24.175	0.457
110	20.088	35.605	25.201	0.489
120	16.796	35.278	25.777	0.514
130	15.086	35.059	26.000	0.535
140	13.860	34.979	26.201	0.555
150	13.587	34.958	26.241	0.573
160	13.392	34.943	26.270	0.591
170	13.281	34.934	26.286	0.609
180	13.239	34.930	26.291	0.626
190	13.135	34.925	26.308	0.644
200	13.050	34.918	26.320	0.662
250	12.677	34.894	26.375	0.748
300	12.358	34.878	26.426	0.833
350	11.809	34.850	26.509	0.915
400	10.897	34.800	26.639	0.994
450	9.444	34.713	26.822	1.064
500	8.487	34.659	26.932	1.127
550	7.822	34.625	27.006	1.186
600	7.385	34.604	27.053	1.242
650	6.752	34.580	27.122	1.295
700	6.320	34.568	27.170	1.346
750	5.944	34.560	27.212	1.395
800	5.602	34.554	27.250	1.441
900	5.023	34.551	27.317	1.531
1000	4.524	34.545	27.368	1.614
1003	4.518	34.545	27.369	1.617

CAST EP3-91-DI -016 DATE 03 NOV 91 TIME 1301 GMT
LAT 02 59.6S LONG 124 56.5W

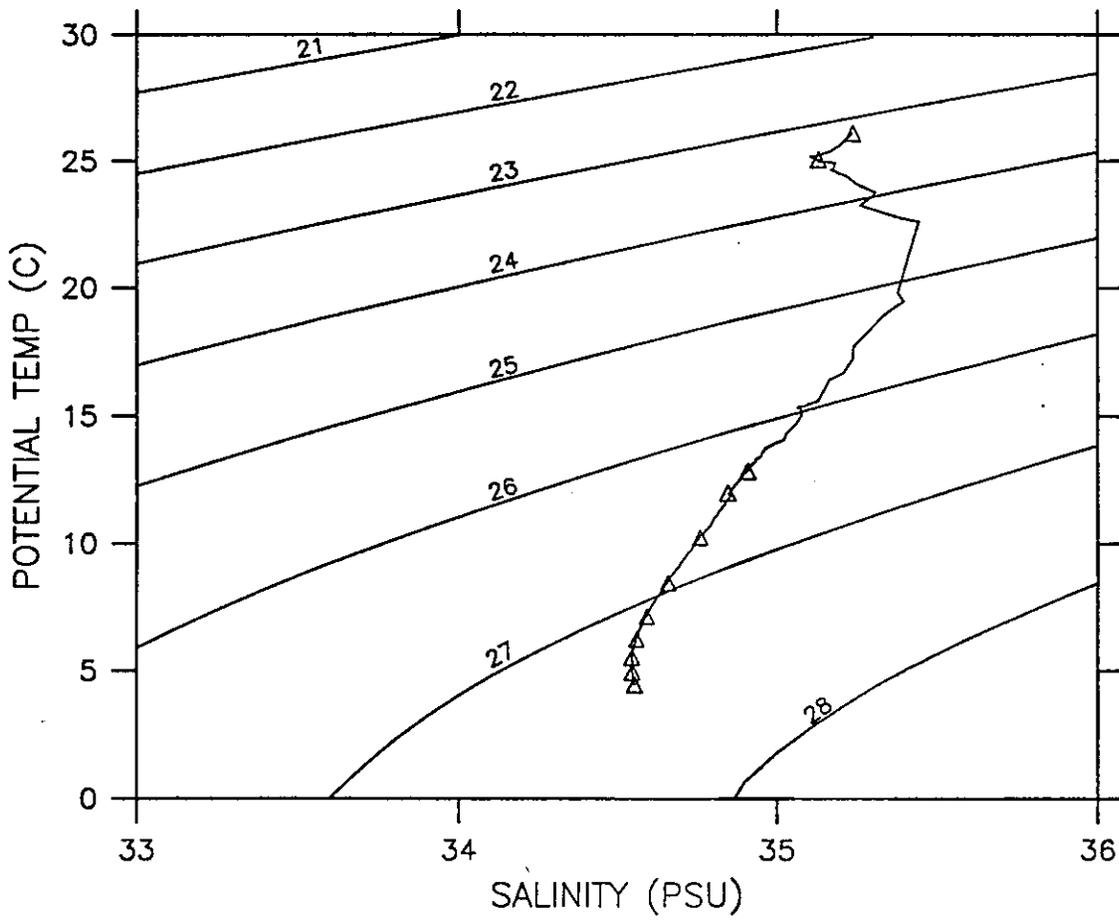


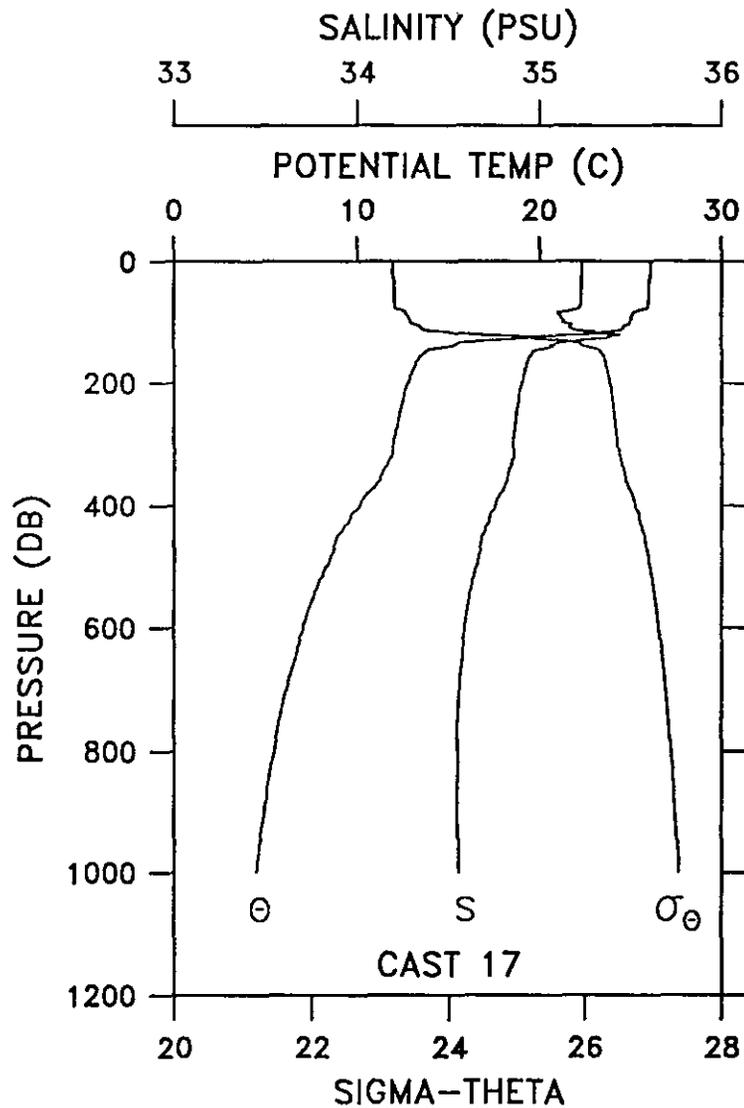
CAST EP3-91-DI -016 DATE 03 NOV 91 TIME 1301 GMT
 LAT 02 59.6S LONG 124 56.5W WEATHER 1 SEA STATE 4
 BAROMETER 01 WIND DIR 100 T SPD 20 KT VISIBILITY 7
 CLOUD 6 AMOUNT 4 DRY 25.9 WET 23.0 DEPTH 4586 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.658	35.120	23.232	0.000
10	25.659	35.120	23.232	0.046
20	25.662	35.120	23.231	0.093
30	25.659	35.120	23.231	0.139
40	25.663	35.121	23.231	0.186
50	25.662	35.121	23.231	0.232
60	25.658	35.121	23.233	0.279
70	25.657	35.121	23.233	0.325
80	25.641	35.124	23.240	0.372
90	25.628	35.130	23.249	0.419
100	25.257	35.278	23.475	0.464
110	25.197	35.311	23.518	0.509
120	22.380	35.532	24.516	0.550
130	17.933	35.313	25.529	0.579
140	14.219	35.003	26.144	0.601
150	13.507	34.949	26.251	0.619
160	13.333	34.939	26.279	0.637
170	13.156	34.928	26.307	0.655
180	13.063	34.922	26.321	0.672
190	12.992	34.917	26.331	0.690
200	12.884	34.910	26.347	0.707
250	12.598	34.891	26.389	0.792
300	12.267	34.875	26.441	0.877
350	11.577	34.840	26.545	0.958
400	10.419	34.772	26.702	1.033
450	9.340	34.708	26.834	1.101
500	8.494	34.663	26.934	1.164
550	7.694	34.618	27.020	1.223
600	7.097	34.592	27.084	1.277
650	6.589	34.575	27.140	1.329
700	6.193	34.564	27.184	1.379
750	5.772	34.558	27.232	1.427
800	5.483	34.552	27.263	1.473
900	4.888	34.550	27.331	1.560
1000	4.429	34.555	27.386	1.641
1004	4.406	34.556	27.390	1.645

CAST EP3-91-DI -017 DATE 04 NOV 91 TIME 0418 GMT
LAT 02 01.2S LONG 124 55.7W

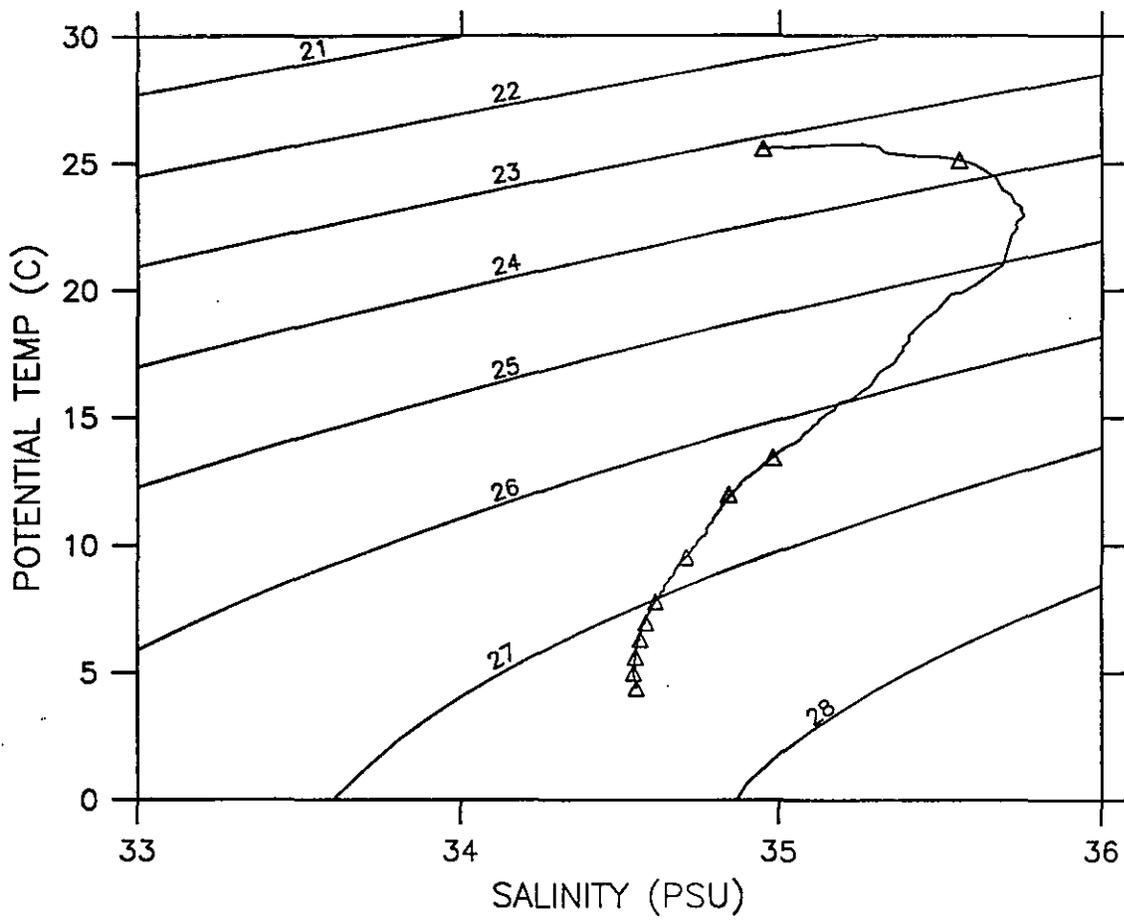




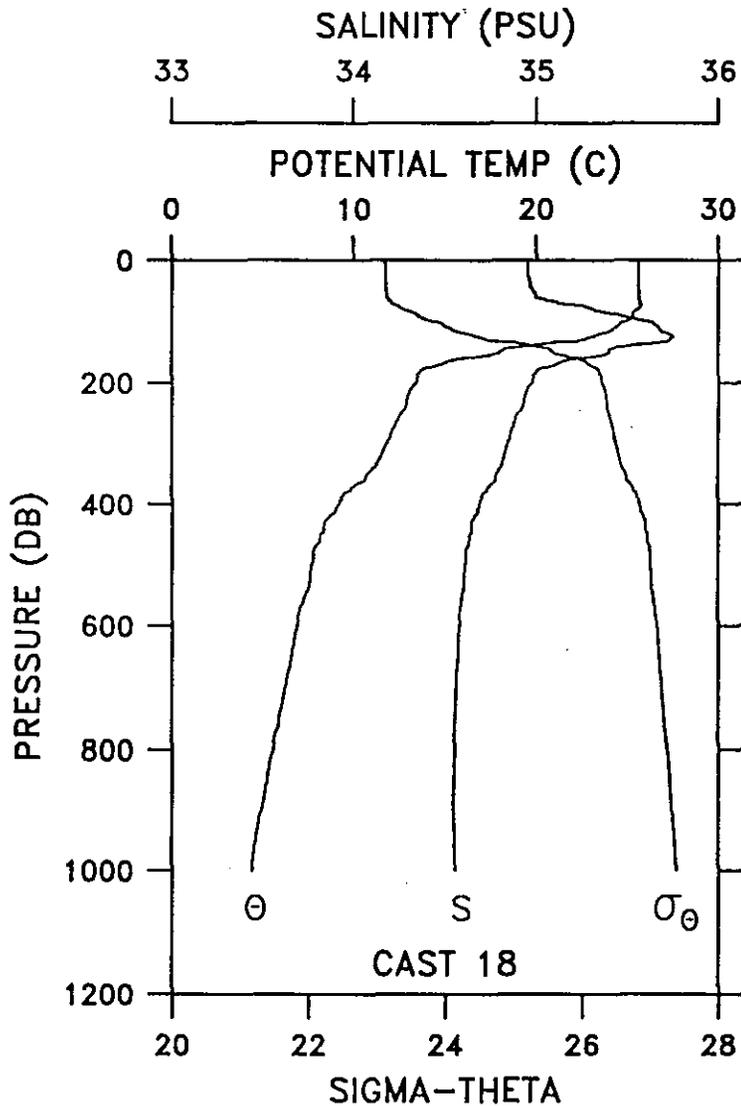
CAST EP3-91-DI-017 DATE 04 NOV 91 TIME 0418 GMT
 LAT 02 01.2S LONG 124 55.7W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 090 T SPD 14 KT VISIBILITY 9
 CLOUD 3 AMOUNT 1 DRY 26.7 WET 23.5 DEPTH 4645 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.121	35.232	23.172	0.000
10	26.122	35.232	23.172	0.047
20	26.115	35.232	23.174	0.094
30	26.039	35.230	23.197	0.141
40	26.018	35.230	23.203	0.188
50	26.014	35.230	23.204	0.234
60	26.010	35.230	23.205	0.281
70	25.992	35.227	23.209	0.328
80	25.406	35.165	23.344	0.375
90	25.076	35.119	23.410	0.420
100	24.971	35.140	23.458	0.465
110	24.562	35.183	23.614	0.509
120	21.675	35.421	24.630	0.548
130	16.673	35.204	25.749	0.576
140	14.725	35.059	26.078	0.597
150	13.612	34.960	26.238	0.615
160	13.287	34.937	26.286	0.633
170	13.139	34.926	26.309	0.651
180	12.977	34.916	26.333	0.668
190	12.842	34.908	26.354	0.685
200	12.727	34.899	26.369	0.703
250	12.286	34.872	26.435	0.786
300	11.970	34.856	26.484	0.868
350	11.274	34.823	26.588	0.947
400	10.127	34.754	26.739	1.020
450	8.953	34.685	26.879	1.086
500	8.329	34.651	26.950	1.147
550	7.620	34.611	27.024	1.205
600	7.057	34.585	27.085	1.260
650	6.618	34.570	27.132	1.312
700	6.147	34.555	27.183	1.362
750	5.758	34.547	27.226	1.410
800	5.484	34.546	27.258	1.456
900	4.943	34.545	27.321	1.543
1000	4.500	34.552	27.377	1.626
1004	4.477	34.553	27.380	1.629

CAST EP3-91-DI -018 DATE 04 NOV 91 TIME 1137 GMT
LAT 01 00.1S LONG 124 36.0W

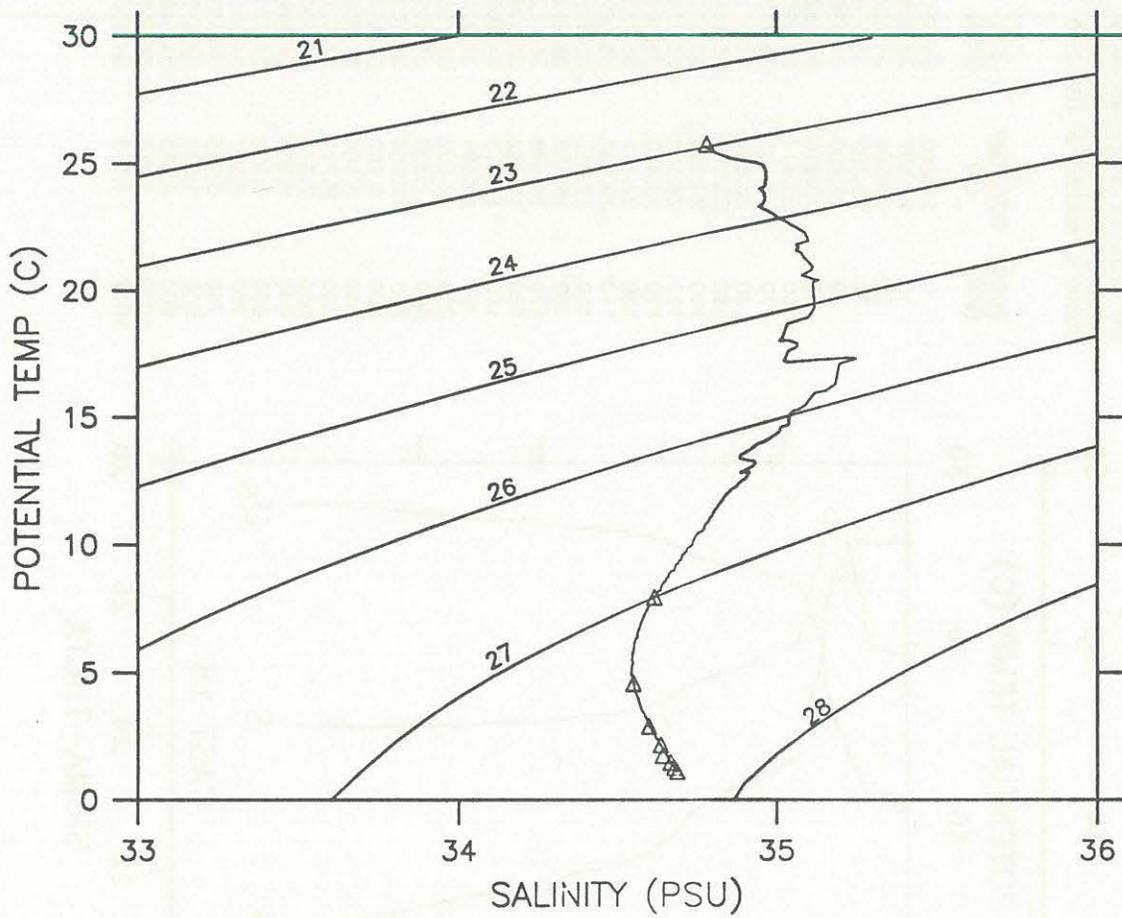


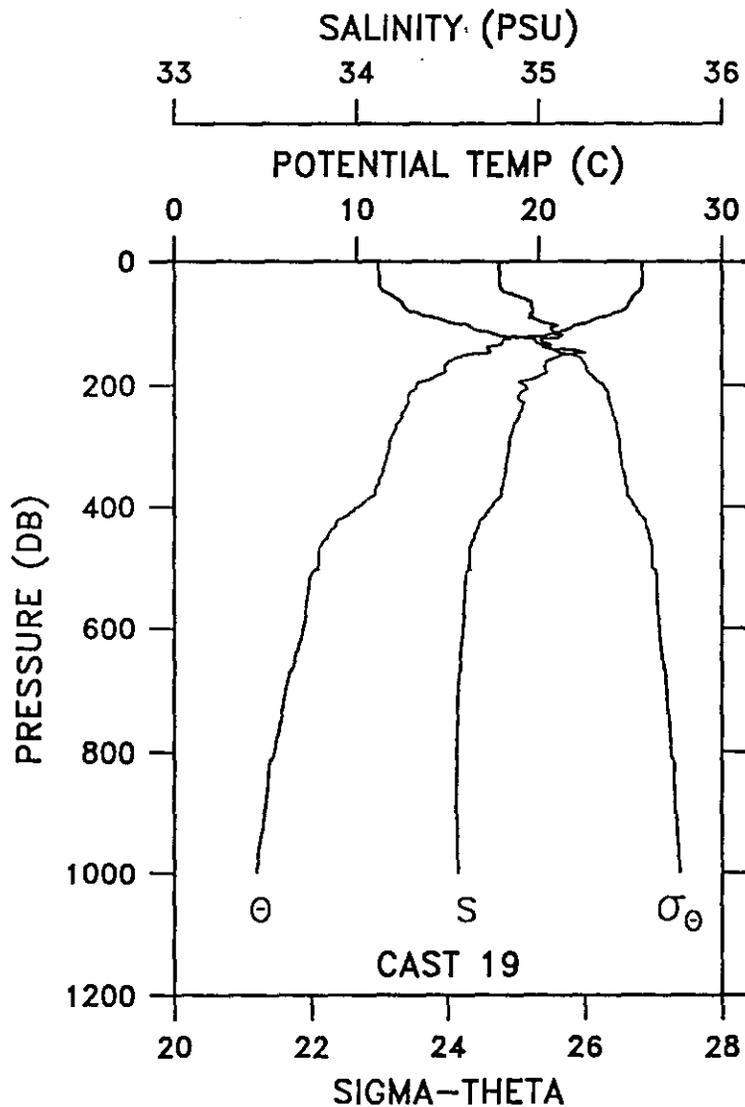
CAST EP3-91-DI-018 DATE 04 NOV 91 TIME 1137 GMT
 LAT 01 00.1S LONG 124 38.0W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 085 T SPD 13 KT VISIBILITY 7
 CLOUD x AMOUNT 3 DRY 28.0 WET 25.0 DEPTH 4673 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.580	34.951	23.128	0.000
10	25.587	34.949	23.125	0.047
20	25.586	34.949	23.125	0.095
30	25.595	34.958	23.129	0.142
40	25.600	34.966	23.133	0.190
50	25.610	34.982	23.143	0.237
60	25.617	34.995	23.150	0.285
70	25.691	35.118	23.220	0.332
80	25.601	35.311	23.393	0.378
90	25.279	35.464	23.609	0.422
100	24.908	35.611	23.833	0.464
110	24.329	35.674	24.055	0.504
120	23.440	35.726	24.358	0.542
130	22.444	35.733	24.651	0.576
140	19.232	35.487	25.335	0.606
150	17.947	35.399	25.592	0.631
160	15.702	35.217	25.983	0.654
170	14.689	35.102	26.119	0.674
180	13.682	35.004	26.257	0.693
190	13.473	34.980	26.282	0.711
200	13.399	34.974	26.292	0.728
250	12.602	34.896	26.392	0.815
300	11.830	34.842	26.499	0.897
350	10.754	34.782	26.650	0.974
400	9.182	34.687	26.844	1.043
450	8.186	34.636	26.960	1.104
500	7.721	34.612	27.011	1.161
550	7.373	34.596	27.048	1.217
600	6.908	34.579	27.100	1.271
650	6.592	34.570	27.136	1.323
700	6.277	34.561	27.171	1.373
750	5.935	34.555	27.209	1.422
800	5.594	34.551	27.249	1.469
900	4.953	34.546	27.321	1.557
1000	4.416	34.555	27.388	1.638
1007	4.393	34.555	27.390	1.644

CAST EP3-91-DI -019 DATE 04 NOV 91 TIME 2022 GMT
LAT 00 12.3S LONG 124 21.7W

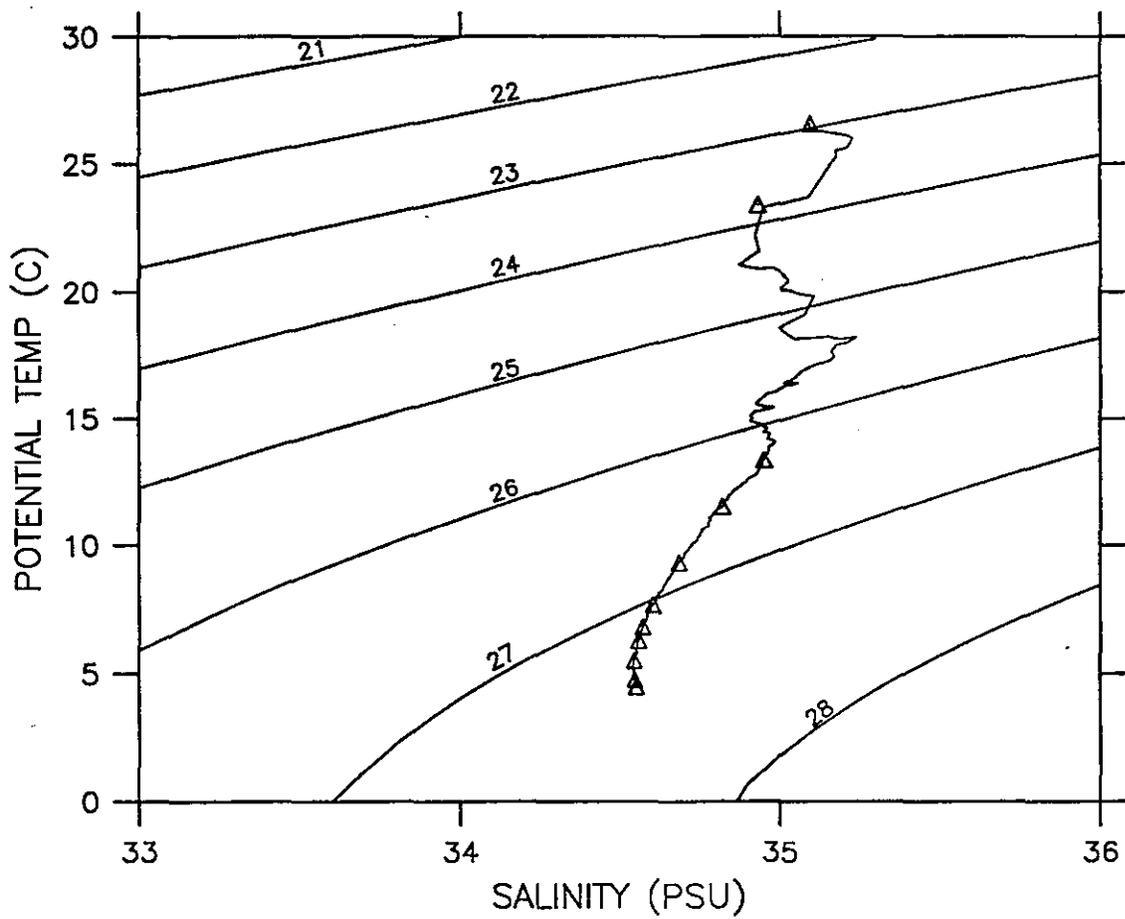


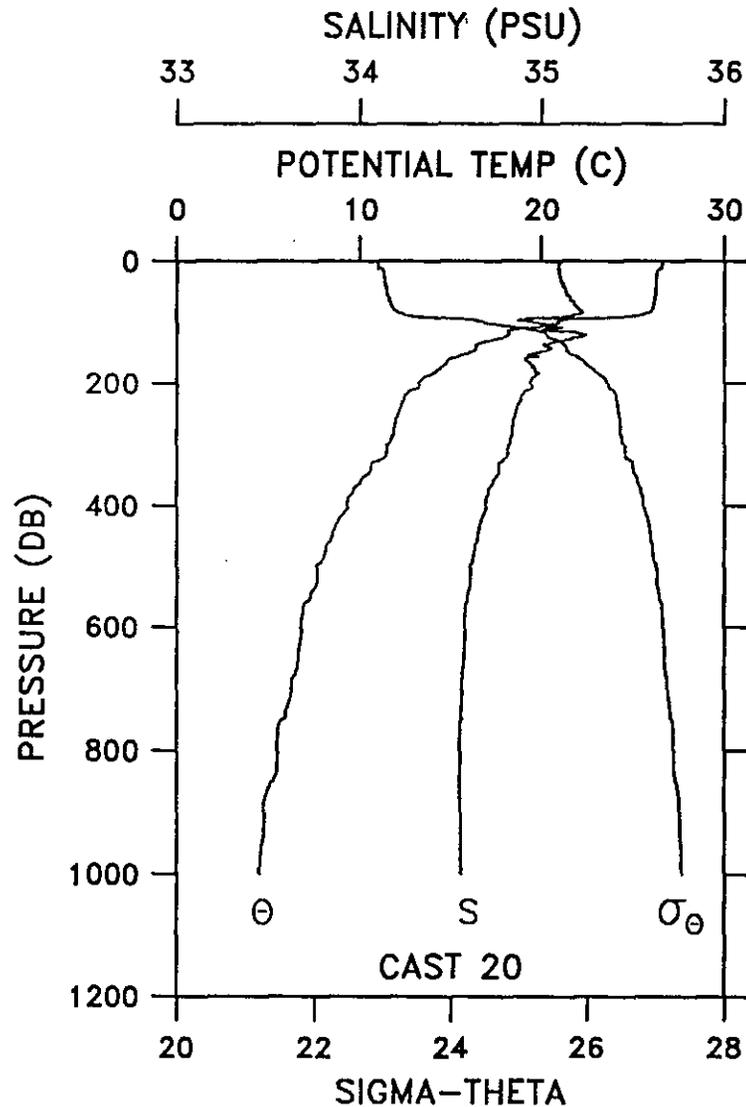


CAST EP3-91-DI -019 DATE 04 NOV 91 TIME 2022 GMT
 LAT 00 12.3S LONG 124 21.7W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 085 T SPD 14 KT VISIBILITY 7
 CLOUD 8 AMOUNT 2 DRY 26.0 WET 22.8 DEPTH 4732 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.654	34.784	22.979	0.000
10	25.631	34.784	22.987	0.049
20	25.626	34.784	22.988	0.097
30	25.614	34.783	22.992	0.146
40	25.590	34.787	23.001	0.195
50	25.342	34.825	23.107	0.243
60	25.056	34.917	23.263	0.290
70	24.890	34.961	23.347	0.336
80	24.585	34.968	23.444	0.381
90	23.358	34.956	23.798	0.425
100	22.483	35.060	24.129	0.465
110	21.559	35.060	24.388	0.501
120	20.314	35.113	24.766	0.535
130	18.001	35.021	25.289	0.563
140	17.172	35.054	25.515	0.589
150	16.293	35.184	25.823	0.614
160	15.154	35.045	25.974	0.635
170	14.867	35.035	26.029	0.655
180	14.691	35.037	26.069	0.675
190	14.022	34.961	26.153	0.695
200	13.282	34.923	26.277	0.713
250	12.464	34.892	26.416	0.800
300	11.783	34.837	26.504	0.881
350	11.310	34.810	26.571	0.980
400	10.104	34.743	26.734	1.034
450	8.421	34.646	26.932	1.098
500	7.916	34.620	26.988	1.156
550	7.307	34.593	27.058	1.211
600	7.049	34.583	27.084	1.265
650	6.636	34.570	27.130	1.318
700	6.103	34.558	27.190	1.367
750	5.842	34.555	27.221	1.415
800	5.510	34.550	27.258	1.462
900	4.929	34.548	27.325	1.549
1000	4.498	34.556	27.380	1.631
1500	2.820	34.609	27.590	1.973
2000	2.165	34.640	27.670	2.249
2500	1.732	34.661	27.721	2.498
3000	1.480	34.673	27.749	2.730
3500	1.266	34.685	27.774	2.957
4000	1.112	34.693	27.791	3.174
4500	1.110	34.692	27.790	3.397
4616	1.108	34.692	27.791	3.450

CAST EP3-91-DI -020 DATE 06 NOV 91 TIME 0033 GMT
LAT 00 03.3S LONG 130 00.8W

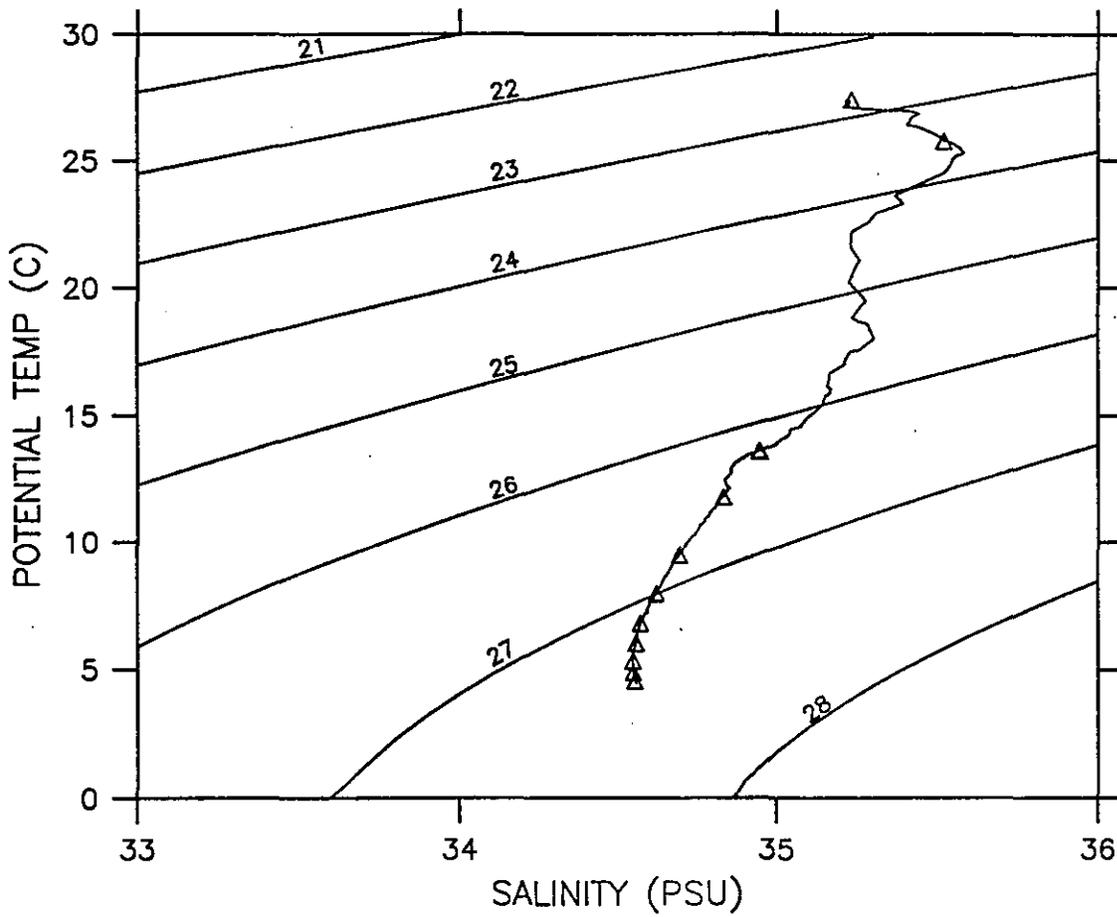


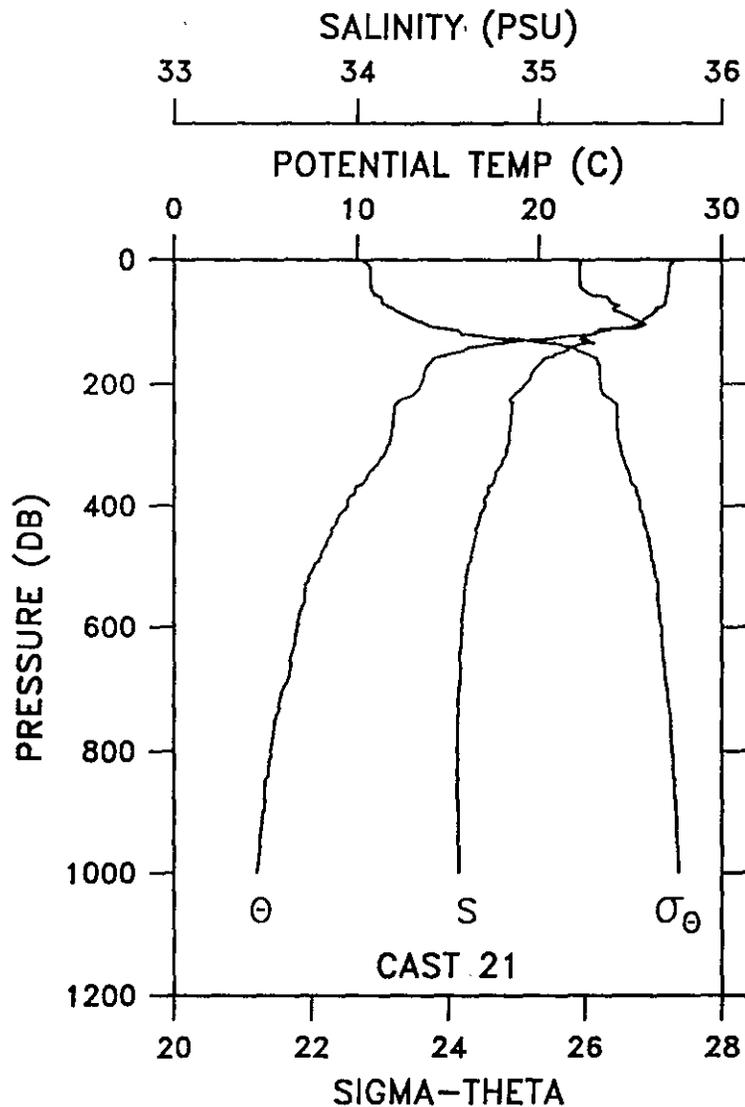


CAST EP3-91-DI -020 DATE 06 NOV 91 TIME 0033 GMT
 LAT 00 03.3S LONG 130 00.8W WEATHER 1 SEA STATE 3
 BAROMETER 08 WIND DIR 140 T SPD 12 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 26.3 WET 23.2 DEPTH 4536 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.596	35.094	22.919	0.000
10	26.565	35.093	22.928	0.049
20	26.314	35.097	23.010	0.098
30	26.294	35.104	23.022	0.147
40	26.275	35.120	23.040	0.195
50	26.258	35.135	23.056	0.243
60	26.202	35.160	23.092	0.292
70	26.165	35.180	23.120	0.339
80	26.039	35.220	23.189	0.387
90	24.820	35.152	23.513	0.433
100	20.923	34.978	24.500	0.470
110	18.672	35.012	25.114	0.502
120	18.187	35.240	25.411	0.529
130	17.001	35.090	25.584	0.554
140	16.406	35.048	25.692	0.578
150	15.980	34.963	25.724	0.601
160	14.927	34.912	25.921	0.623
170	14.663	34.955	26.011	0.644
180	14.172	34.963	26.123	0.664
190	13.530	34.957	26.253	0.683
200	13.243	34.943	26.300	0.700
250	12.092	34.855	26.460	0.784
300	11.554	34.828	26.540	0.864
350	10.342	34.758	26.705	0.939
400	9.318	34.693	26.826	1.006
450	8.493	34.649	26.923	1.069
500	7.667	34.607	27.015	1.127
550	7.298	34.592	27.056	1.183
600	6.799	34.577	27.113	1.236
650	6.618	34.571	27.133	1.287
700	6.267	34.561	27.172	1.338
750	5.786	34.562	27.234	1.386
800	5.496	34.550	27.260	1.432
900	4.757	34.552	27.348	1.519
1000	4.491	34.556	27.381	1.600
1005	4.490	34.556	27.381	1.604

CAST EP3-91-DI -021 DATE 06 NOV 91 TIME 2256 GMT
LAT 00 00.5N LONG 134 59.9W

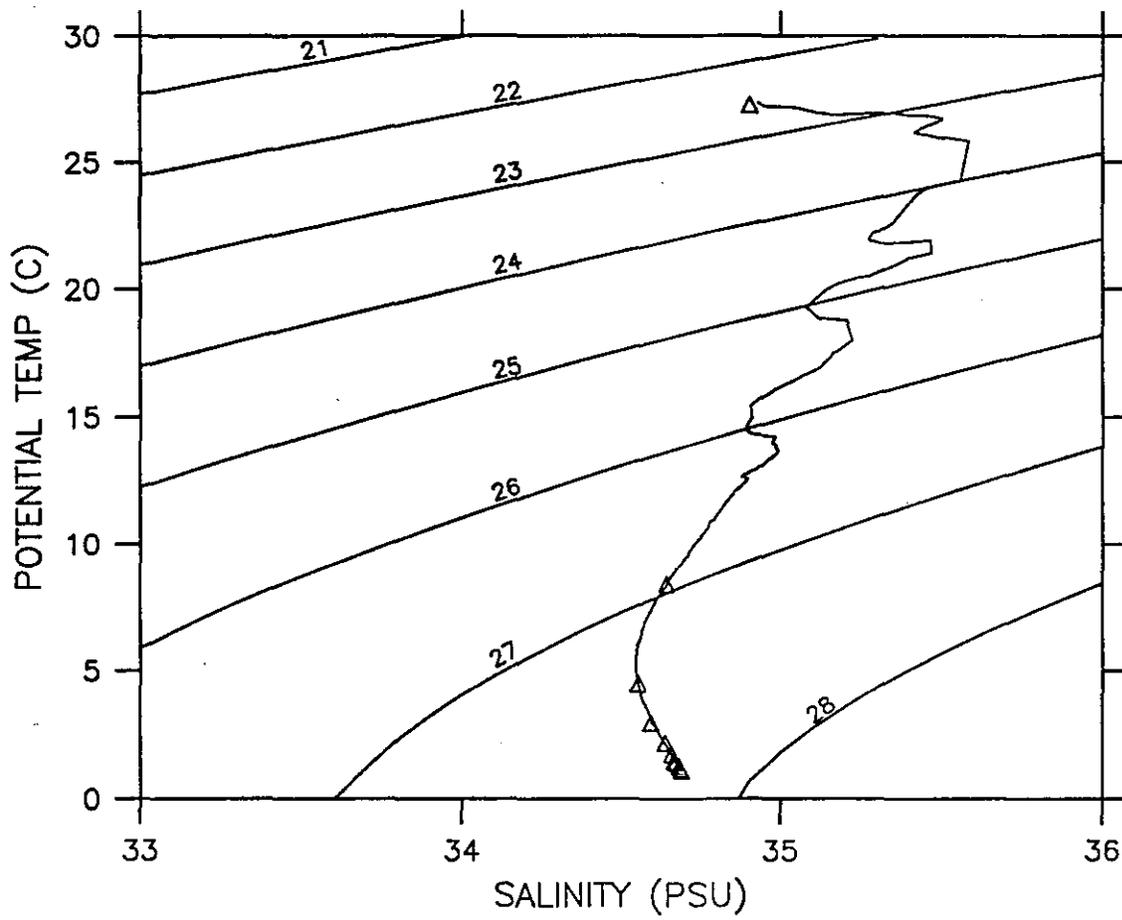




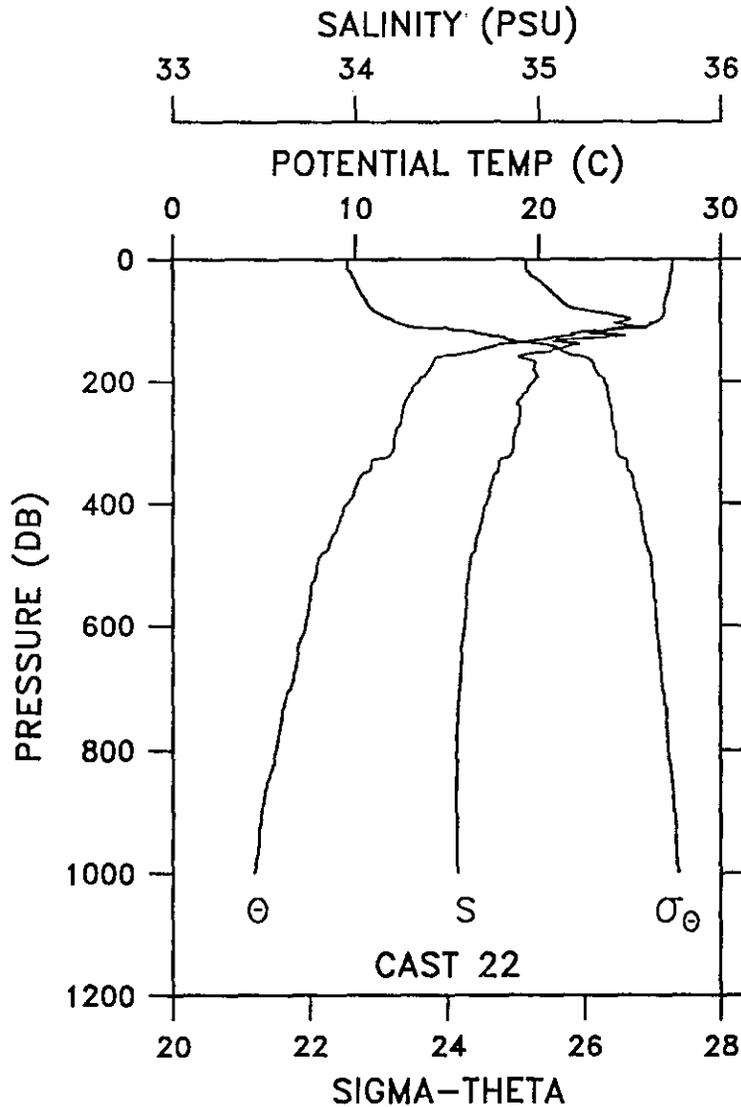
CAST EP3-91-DI -021 DATE 06 NOV 91 TIME 2256 GMT
 LAT 00 00.5N LONG 134 59.9W WEATHER 1 SEA STATE 3
 BAROMETER 08 WIND DIR 130 T SPD 12 KT VISIBILITY 8
 CLOUD 8 AMOUNT 1 DRY 28.4 WET 24.0 DEPTH 4371 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.372	35.216	22.763	0.000
10	27.166	35.225	22.836	0.051
20	27.113	35.224	22.853	0.101
30	27.102	35.225	22.857	0.151
40	27.091	35.228	22.862	0.201
50	27.059	35.260	22.897	0.251
60	26.975	35.357	22.997	0.300
70	26.952	35.408	23.043	0.349
80	26.441	35.409	23.205	0.396
90	26.019	35.497	23.405	0.443
100	25.498	35.571	23.622	0.487
110	23.624	35.371	24.035	0.528
120	22.187	35.232	24.343	0.566
130	18.701	35.252	25.291	0.598
140	16.133	35.157	25.839	0.622
150	15.049	35.110	26.047	0.643
160	14.096	35.018	26.181	0.662
170	13.827	34.993	26.219	0.681
180	13.691	34.964	26.225	0.699
190	13.634	34.952	26.227	0.718
200	13.490	34.923	26.235	0.736
250	11.990	34.847	26.472	0.822
300	11.715	34.827	26.509	0.902
350	10.577	34.759	26.664	0.979
400	9.456	34.698	26.808	1.048
450	8.509	34.648	26.920	1.110
500	7.671	34.608	27.015	1.169
550	7.159	34.587	27.071	1.223
600	6.711	34.570	27.120	1.276
650	6.385	34.561	27.156	1.327
700	5.972	34.557	27.207	1.376
750	5.519	34.549	27.256	1.423
800	5.298	34.548	27.282	1.468
900	4.863	34.552	27.338	1.554
1000	4.550	34.555	27.374	1.636
1008	4.437	34.560	27.390	1.642

CAST EP3-91-DI -022 DATE 08 NOV 91 TIME 0500 GMT
LAT 00 00.3N LONG 140 01.0W

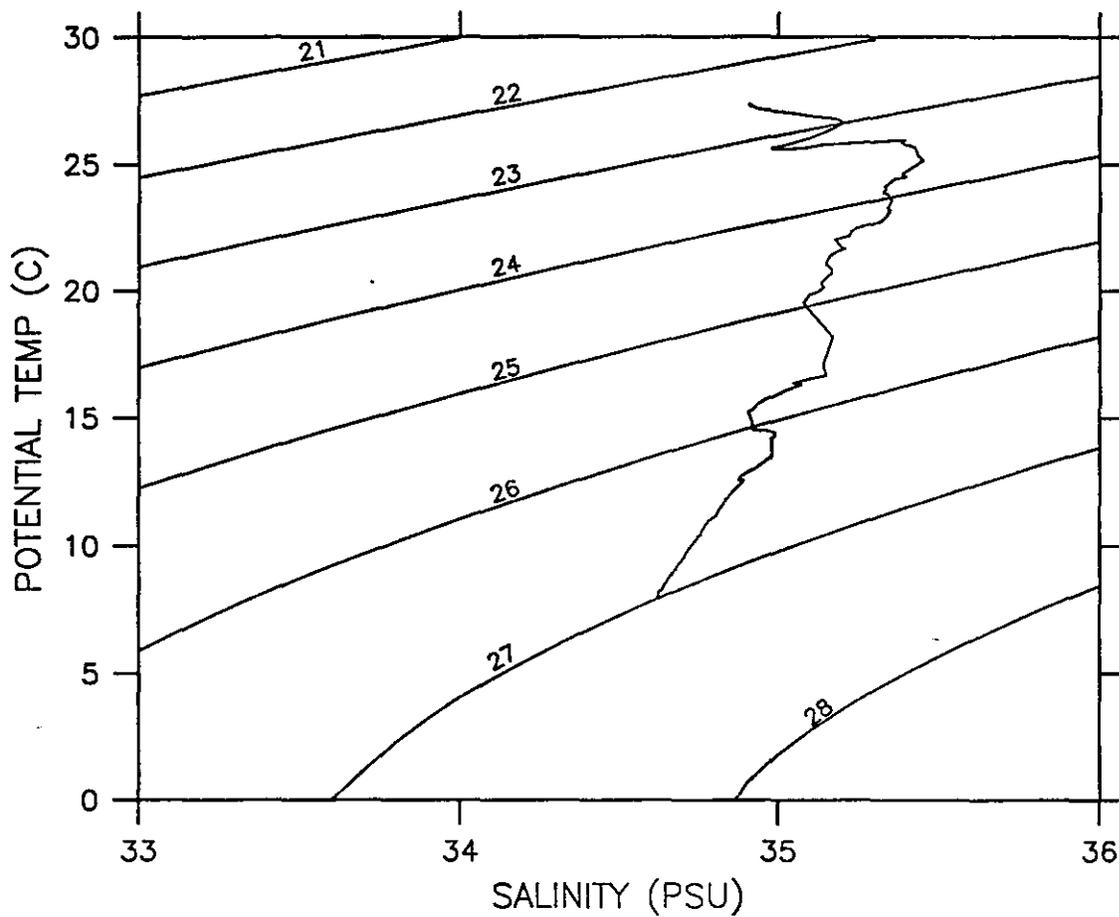


CAST EP3-91-DI -022 DATE 08 NOV 91 TIME 0500 GMT
 LAT 00 00.3N LONG 140 01.0W WEATHER 0 SEA STATE 4
 BAROMETER 09 WIND DIR 095 T SPD 14 KT VISIBILITY 8
 CLOUD 0 AMOUNT 0 DRY 26.5 WET 23.5 DEPTH 4288 M

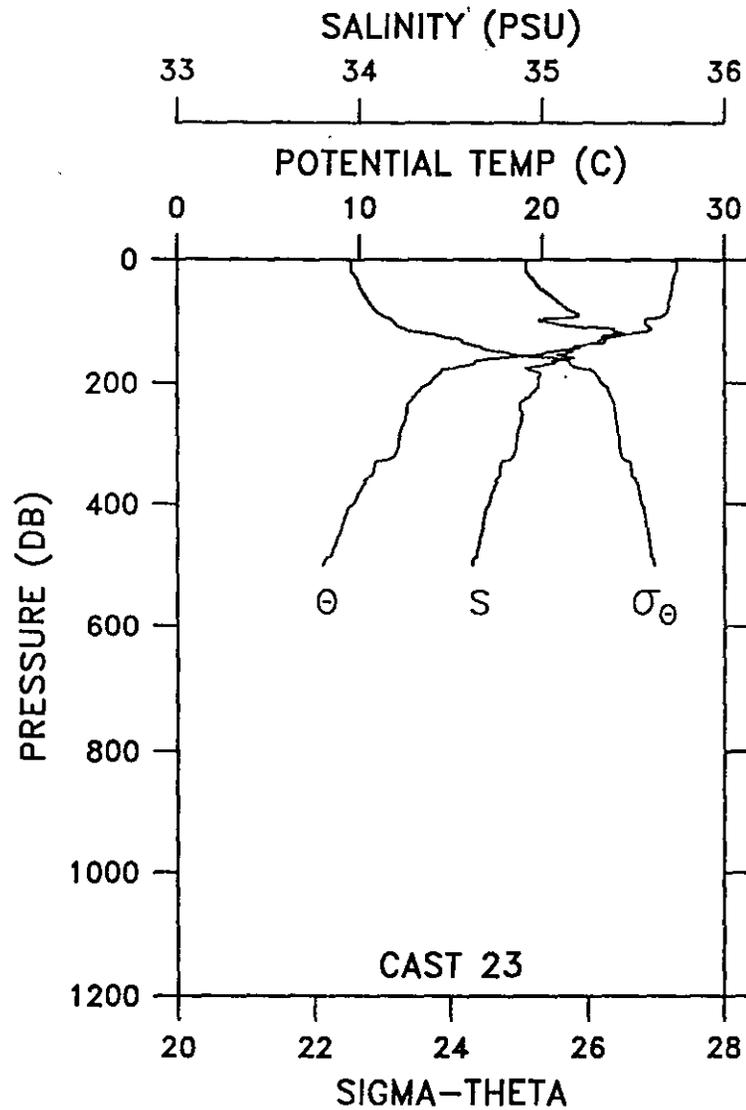


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.371	34.931	22.549	0.000
10	27.365	34.931	22.551	0.053
20	27.292	34.937	22.579	0.106
30	27.212	34.975	22.633	0.158
40	27.188	35.020	22.675	0.210
50	27.133	35.060	22.722	0.262
60	27.033	35.091	22.778	0.313
70	26.946	35.127	22.832	0.364
80	26.895	35.192	22.898	0.414
90	26.881	35.389	23.051	0.463
100	26.575	35.482	23.218	0.511
110	25.872	35.571	23.506	0.557
120	21.929	35.273	24.447	0.596
130	20.219	35.176	24.839	0.628
140	17.560	35.174	25.514	0.657
150	16.541	35.059	25.668	0.681
160	14.356	34.905	26.039	0.703
170	14.183	34.981	26.135	0.723
180	14.027	34.975	26.163	0.742
190	13.787	34.988	26.223	0.761
200	13.400	34.970	26.289	0.779
250	12.576	34.898	26.399	0.865
300	12.087	34.858	26.463	0.948
350	10.483	34.764	26.684	1.026
400	9.566	34.715	26.803	1.095
450	8.812	34.669	26.889	1.159
500	7.906	34.620	26.990	1.219
550	7.592	34.606	27.025	1.276
600	7.279	34.593	27.059	1.331
650	6.854	34.577	27.106	1.385
700	6.506	34.568	27.146	1.437
750	5.980	34.555	27.204	1.486
800	5.688	34.553	27.238	1.533
900	4.901	34.550	27.330	1.622
1000	4.485	34.556	27.382	1.704
1500	2.948	34.604	27.574	2.059
2000	2.174	34.641	27.670	2.337
2500	1.732	34.662	27.722	2.585
3000	1.470	34.675	27.751	2.819
3500	1.264	34.685	27.774	3.045
4000	1.091	34.694	27.793	3.262
4108	1.076	34.695	27.795	3.308

CAST EP3-91-DI -023 DATE 09 NOV 91 TIME 0228 GMT
LAT 00 02.3N LONG 140 01.8W

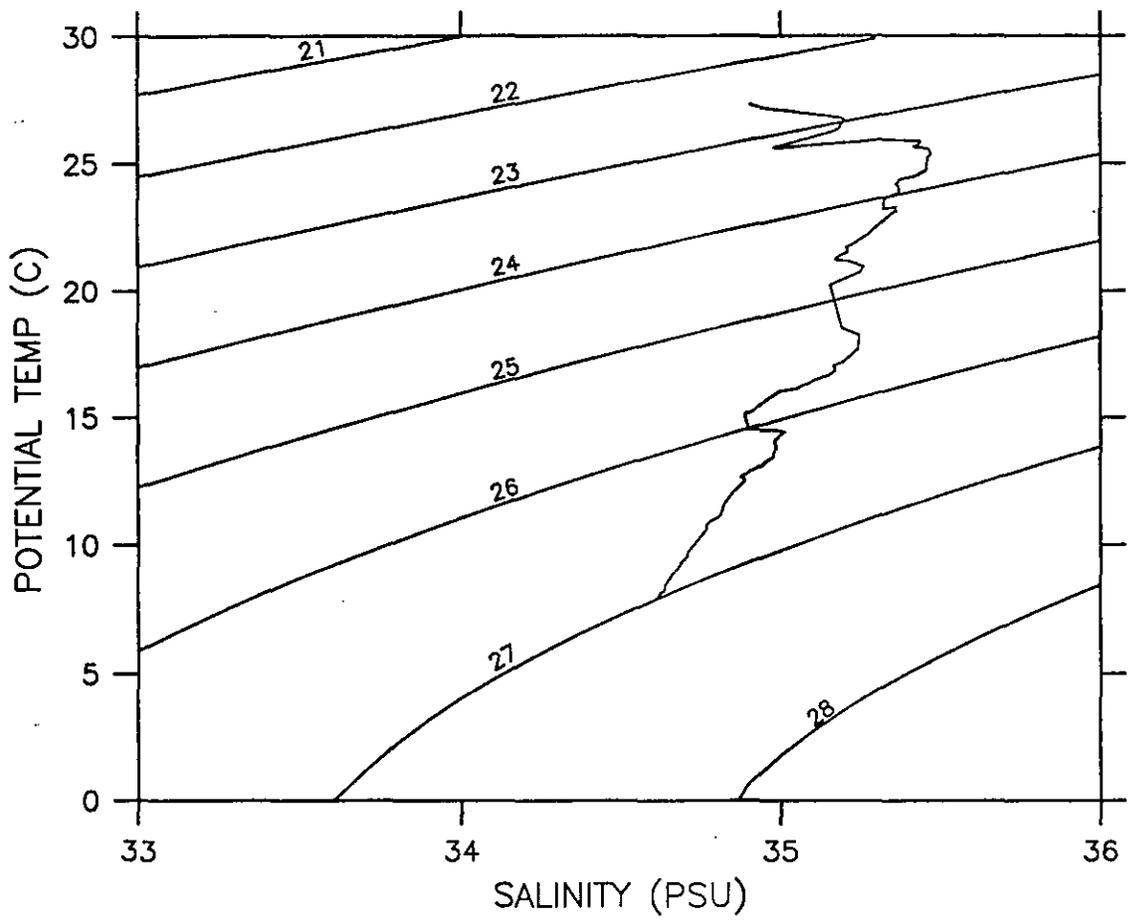


CAST EP3-91-DI-023 DATE 09 NOV 91 TIME 0228 GMT
 LAT 00 02.3N LONG 140 01.8W WEATHER 2 SEA STATE 3
 BAROMETER 09 WIND DIR 110 T SPD 17 KT VISIBILITY 8
 CLOUD 8 AMOUNT 3 DRY 27.5 WET 24.7 DEPTH 4318 M

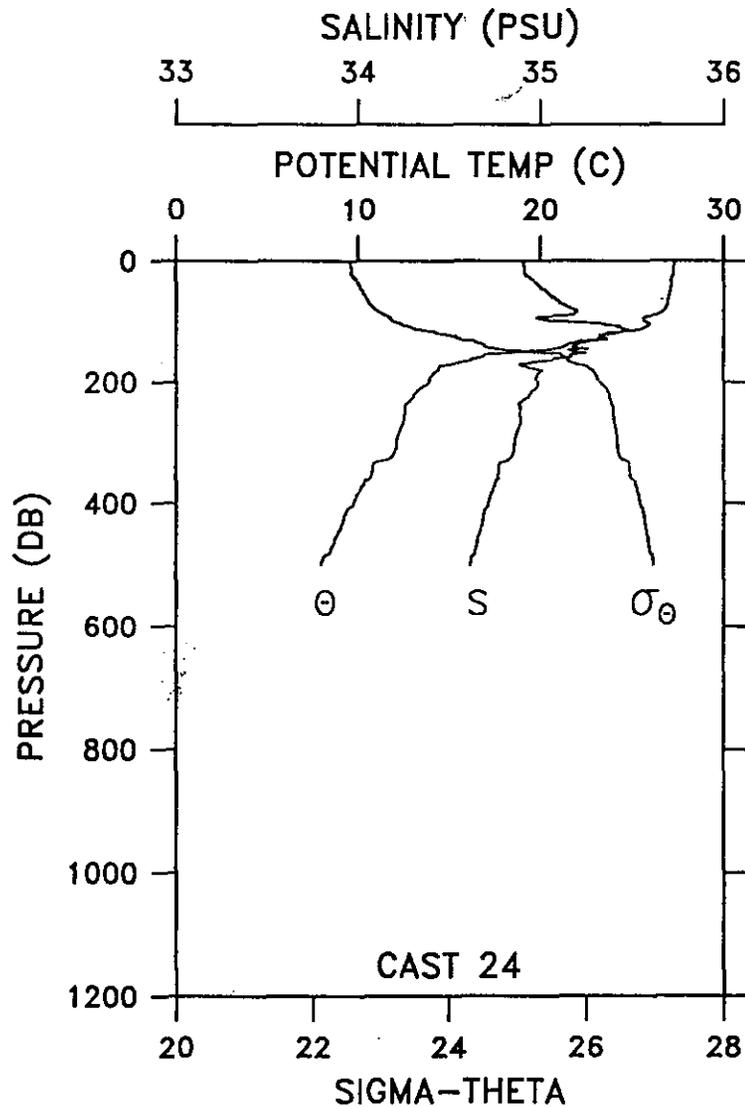


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.362	34.909	22.535	0.000
10	27.357	34.909	22.537	0.053
20	27.315	34.913	22.553	0.106
30	27.170	34.947	22.626	0.159
40	27.130	34.970	22.656	0.211
50	27.076	35.011	22.704	0.263
60	27.003	35.055	22.760	0.314
70	26.930	35.093	22.812	0.365
80	26.855	35.135	22.868	0.415
90	26.611	35.197	22.992	0.465
100	25.615	35.020	23.170	0.513
110	25.961	35.363	23.322	0.560
120	24.517	35.396	23.788	0.604
130	23.132	35.349	24.162	0.644
140	21.749	35.193	24.436	0.681
150	20.288	35.130	24.786	0.716
160	17.066	35.137	25.605	0.745
170	16.091	35.022	25.744	0.768
180	14.493	34.960	26.052	0.790
190	14.120	34.977	26.145	0.809
200	13.882	34.980	26.197	0.828
250	12.567	34.892	26.395	0.915
300	12.128	34.858	26.455	0.999
350	10.769	34.771	26.639	1.077
400	9.660	34.711	26.784	1.146
450	8.875	34.666	26.877	1.211
499	7.989	34.621	26.978	1.270

CAST EP3-91-DI -024 DATE 09 NOV 91 TIME 0314 GMT
LAT 00 01.2N LONG 140 02.6W

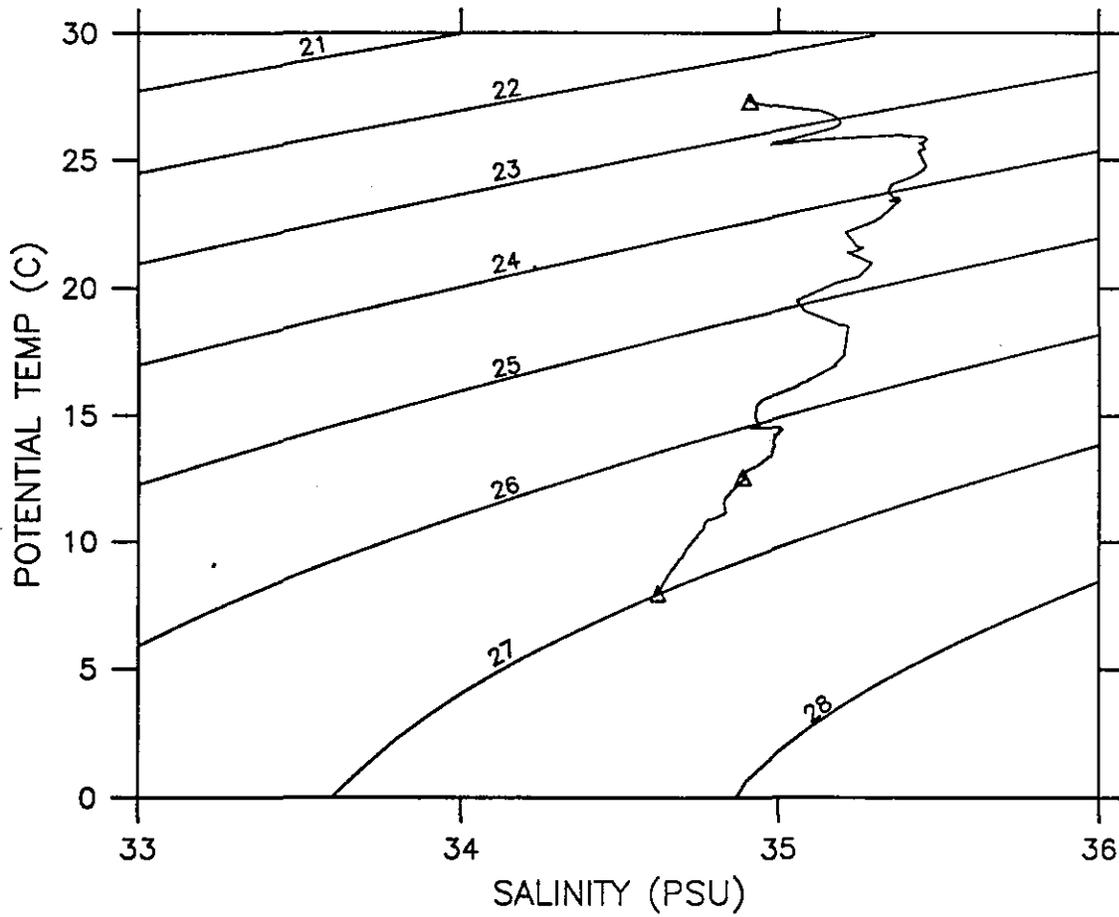


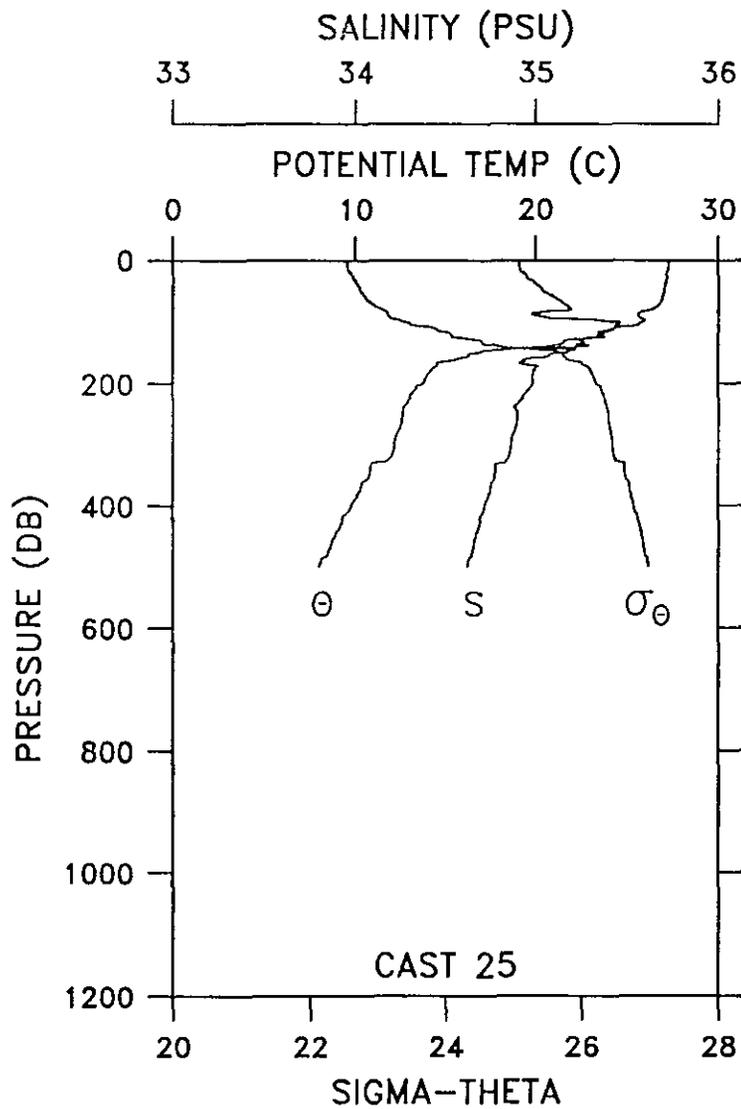
CAST EP3-91-DI -024 DATE 09 NOV 91 TIME 0314 GMT
 LAT 00 01.2N LONG 140 02.6W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 110 T SPD 18 KT VISIBILITY 8
 CLOUD 3 AMOUNT 2 DRY 27.1 WET 24.1 DEPTH 4310 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.313	34.910	22.552	0.000
10	27.277	34.915	22.567	0.053
20	27.266	34.917	22.572	0.106
30	27.158	34.960	22.640	0.158
40	27.108	34.987	22.676	0.210
50	27.049	35.031	22.727	0.262
60	26.982	35.066	22.775	0.313
70	26.920	35.105	22.825	0.364
80	26.795	35.183	22.923	0.414
90	26.202	35.152	23.087	0.463
100	25.708	35.087	23.192	0.510
110	25.652	35.421	23.461	0.556
120	24.137	35.370	23.883	0.599
130	23.077	35.355	24.182	0.637
140	21.423	35.192	24.526	0.673
150	18.954	35.182	25.173	0.705
160	16.656	35.151	25.713	0.730
170	15.220	34.914	25.858	0.753
180	14.465	34.998	26.087	0.774
190	14.073	34.984	26.160	0.793
200	13.901	34.985	26.197	0.812
250	12.594	34.890	26.389	0.899
300	12.130	34.861	26.457	0.983
350	10.778	34.774	26.640	1.061
400	9.737	34.716	26.775	1.131
450	8.858	34.669	26.882	1.196
500	7.971	34.622	26.982	1.256
500	7.971	34.622	26.982	1.256

CAST EP3-91-DI -025 DATE 09 NOV 91 TIME 0355 GMT
LAT 00 01.3N LONG 140 01.8W





CAST EP3-91-DI -025 DATE 09 NOV 91 TIME 0355 GMT
 LAT 00 01.3N LONG 140 01.8W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 100 T SPD 18 KT VISIBILITY 8
 CLOUD 8 AMOUNT 3 DRY 26.9 WET 23.5 DEPTH 4294 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.322	34.909	22.548	0.000
10	27.295	34.912	22.559	0.053
20	27.224	34.934	22.598	0.106
30	27.168	34.958	22.634	0.158
40	27.084	35.008	22.699	0.210
50	27.034	35.041	22.740	0.261
60	26.946	35.103	22.815	0.312
70	26.823	35.154	22.892	0.362
80	26.365	35.191	23.065	0.411
90	25.637	35.021	23.164	0.459
100	25.897	35.451	23.408	0.506
110	24.445	35.432	23.837	0.549
120	23.415	35.353	24.083	0.589
130	21.622	35.244	24.510	0.627
140	20.438	35.252	24.839	0.661
150	16.896	35.168	25.669	0.688
160	15.656	34.953	25.790	0.711
170	14.532	34.964	26.047	0.732
180	14.146	34.990	26.149	0.751
190	13.928	34.984	26.190	0.770
200	13.736	34.986	26.232	0.788
250	12.585	34.897	26.396	0.876
300	12.140	34.862	26.456	0.959
350	10.772	34.775	26.641	1.037
400	9.791	34.720	26.769	1.108
450	8.849	34.668	26.882	1.173
499	7.982	34.622	26.980	1.232

CAST EP3-91-DI -001 LAT 10 09.5N LONG 109 17.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	28.465	33.223	0.00	28.464	20.910
95.	14.603	34.762	0.00	14.589	25.879
195.	11.370	34.745	0.00	11.346	26.514
294.	10.542	34.716	0.00	10.507	26.643
392.	9.467	34.657	0.00	9.423	26.781
493.	7.986	34.572	0.00	7.935	26.948
602.	6.629	34.567	0.00	6.573	27.136
695.	5.930	34.554	0.00	5.869	27.217
795.	5.391	34.548	0.00	5.324	27.279
893.	4.894	34.557	0.00	4.821	27.345
997.	4.380	34.563	0.00	4.302	27.407

CAST EP3-91-DI -004 LAT 06 29.8N LONG 110 02.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	27.291	33.165	0.00	27.290	21.246
195.	11.590	34.768	0.00	11.565	26.491
295.	10.568	34.726	0.00	10.533	26.646
393.	9.791	34.690	0.00	9.746	26.753
494.	8.630	34.635	0.00	8.577	26.899
590.	7.643	34.603	0.00	7.584	27.024
695.	6.744	34.579	0.00	6.678	27.131
794.	5.878	34.561	0.00	5.808	27.230
894.	5.404	34.556	0.00	5.327	27.285
1008.	4.789	34.565	0.00	4.706	27.364
1005.	4.793	34.562	0.00	4.711	27.361
1002.	4.799	34.564	0.00	4.717	27.362

CAST EP3-91-DI -002 LAT 09 00.0N LONG 109 38.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	27.819	33.154	0.00	27.818	21.068
98.	13.862	34.788	0.00	13.848	26.056
196.	11.634	34.771	0.00	11.609	26.486
297.	10.186	34.679	0.00	10.151	26.676
396.	9.019	34.646	0.00	8.976	26.845
496.	7.951	34.578	0.00	7.900	26.958
593.	6.969	34.566	0.00	6.912	27.089
693.	6.091	34.554	0.00	6.029	27.197
793.	5.526	34.552	0.00	5.458	27.266
894.	5.077	34.555	0.00	5.003	27.322
996.	4.622	34.568	0.00	4.542	27.385
993.	4.629	34.558	0.00	4.549	27.376

CAST EP3-91-DI -005 LAT 05 02.6N LONG 109 59.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	27.281	33.396	0.00	27.280	21.423
97.	15.153	34.718	0.00	15.138	25.725
196.	11.911	34.767	0.00	11.886	26.430
296.	10.642	34.728	0.00	10.606	26.635
396.	9.503	34.677	0.00	9.458	26.791
493.	8.506	34.636	0.00	8.454	26.919
595.	7.190	34.592	0.00	7.132	27.079
695.	6.391	34.570	0.00	6.327	27.171
796.	5.647	34.558	0.00	5.578	27.256
895.	5.111	34.560	0.00	5.036	27.322
994.	4.631	34.563	0.00	4.551	27.380
993.	4.636	34.564	0.00	4.556	27.380

CAST EP3-91-DI -003 LAT 08 04.1N LONG 110 03.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	27.735	33.064	0.00	27.734	21.028
98.	13.402	34.808	0.00	13.388	26.166
197.	11.026	34.738	0.00	11.002	26.572
297.	10.131	34.703	0.00	10.096	26.704
397.	9.425	34.673	0.00	9.380	26.801
496.	8.309	34.620	0.00	8.257	26.937
594.	7.310	34.587	0.00	7.252	27.058
696.	6.553	34.567	0.00	6.488	27.147
794.	5.880	34.555	0.00	5.810	27.225
895.	5.213	34.553	0.00	5.138	27.305
997.	4.796	34.559	0.00	4.714	27.358
997.	4.796	34.557	0.00	4.714	27.357

CAST EP3-91-DI -006 LAT 03 29.8N LONG 110 15.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	26.473	34.493	0.00	26.472	22.505
95.	20.697	34.763	0.00	20.679	24.402
198.	13.400	34.926	0.00	13.372	26.261
297.	12.282	34.829	0.00	12.243	26.410
396.	10.224	34.715	0.00	10.177	26.699
496.	8.508	34.643	0.00	8.455	26.925
596.	7.349	34.592	0.00	7.290	27.057
696.	6.474	34.567	0.00	6.410	27.158
793.	5.795	34.558	0.00	5.725	27.238
893.	5.280	34.553	0.00	5.204	27.297
1000.	4.766	34.555	0.00	4.684	27.358
998.	4.766	34.555	0.00	4.685	27.358

CAST EP3-91-DI -007 LAT 02 02.6N LONG 110 02.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	24.609	34.679	0.00	24.608	23.219
979.	4.796	34.557	0.00	4.716	27.357
980.	4.786	34.557	0.00	4.706	27.358

CAST EP3-91-DI -010 LAT 02 00.2S LONG 110 00.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	24.791	35.268	0.00	24.790	23.609
98.	16.565	35.142	0.00	16.549	25.731
196.	12.607	34.892	0.00	12.581	26.393
297.	12.150	34.859	0.00	12.111	26.459
394.	10.886	34.792	0.00	10.837	26.643
495.	8.183	34.636	0.00	8.132	26.968
596.	7.074	34.584	0.00	7.017	27.089
696.	6.184	34.561	0.00	6.121	27.190
796.	5.688	34.549	0.00	5.619	27.244
893.	5.082	34.553	0.00	5.008	27.320
997.	4.503	34.560	0.00	4.424	27.391
996.	4.508	34.559	0.00	4.429	27.390

CAST EP3-91-DI -008 LAT 00 01.2N LONG 109 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	24.176	34.869	0.00	24.175	23.492
496.	8.365	34.642	0.00	8.313	26.946
996.	4.660	34.549	0.00	4.580	27.365
1494.	3.012	34.567	0.00	2.905	27.548
1996.	2.314	34.640	0.00	2.173	27.669
2245.	2.081	34.651	0.00	1.922	27.698
2496.	1.910	34.660	0.00	1.732	27.720
2745.	1.805	34.677	0.00	1.606	27.743
2999.	1.683	34.674	0.00	1.462	27.751
3247.	1.605	34.679	0.00	1.362	27.763
3499.	1.499	34.686	0.00	1.233	27.777
3593.	1.459	34.689	0.00	1.184	27.783

CAST EP3-91-DI -011 LAT 02 59.6S LONG 110 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	24.642	35.169	0.00	24.641	23.579
96.	14.876	35.048	0.00	14.862	26.040
195.	12.962	34.918	0.00	12.935	26.343
295.	11.958	34.863	0.00	11.920	26.499
394.	9.905	34.738	0.00	9.859	26.772
493.	8.339	34.646	0.00	8.287	26.953
593.	7.090	34.588	0.00	7.033	27.090
694.	6.175	34.558	0.00	6.112	27.189
794.	5.533	34.547	0.00	5.465	27.261
894.	5.143	34.555	0.00	5.068	27.315
1000.	4.713	34.558	0.00	4.632	27.367
999.	4.714	34.559	0.00	4.633	27.367

CAST EP3-91-DI -009 LAT 00 59.6S LONG 109 58.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	24.274	34.888	0.00	24.274	23.477
98.	20.396	35.116	0.00	20.378	24.751
198.	12.747	34.910	0.00	12.720	26.380
297.	12.397	34.873	0.00	12.357	26.422
396.	9.306	34.699	0.00	9.262	26.840
496.	8.132	34.625	0.00	8.081	26.968
592.	7.057	34.586	0.00	7.000	27.093
693.	6.324	34.563	0.00	6.261	27.174
794.	5.748	34.551	0.00	5.678	27.238
895.	5.156	34.547	0.00	5.081	27.307
999.	4.506	34.559	0.00	4.426	27.390
994.	4.527	34.559	0.00	4.448	27.388

CAST EP3-91-DI -012 LAT 04 00.2S LONG 110 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	24.514	34.960	0.00	24.513	23.460
97.	14.900	35.049	0.00	14.885	26.036
196.	13.263	34.932	0.00	13.236	26.293
297.	12.188	34.880	0.00	12.149	26.468
398.	10.457	34.773	0.00	10.409	26.704
497.	8.497	34.656	0.00	8.444	26.936
593.	7.140	34.596	0.00	7.083	27.089
696.	5.942	34.550	0.00	5.881	27.212
792.	5.406	34.550	0.00	5.339	27.279
892.	4.977	34.509	0.00	4.903	27.297
1020.	4.485	34.552	0.00	4.404	27.387
1017.	4.488	34.551	0.00	4.407	27.386

CAST EP3-91-DI -013 LAT 04 59.8S LONG 110 01.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	24.316	35.055	0.00	24.315	23.591
244.	12.333	34.884	0.00	12.301	26.442
493.	8.738	34.674	0.00	8.685	26.913
734.	6.180	34.556	0.00	6.114	27.187
969.	4.745	34.543	0.00	4.666	27.351

CAST EP3-91-DI -016 LAT 02 59.6S LONG 124 56.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	25.656	35.121	0.00	25.655	23.234
97.	25.373	35.274	0.00	25.352	23.443
195.	12.972	34.917	0.00	12.945	26.340
295.	12.437	34.883	0.00	12.397	26.422
394.	11.068	34.812	0.00	11.019	26.626
495.	8.879	34.677	0.00	8.825	26.893
595.	7.298	34.598	0.00	7.240	27.069
694.	6.380	34.570	0.00	6.316	27.172
789.	5.629	34.558	0.00	5.561	27.258
894.	4.998	34.552	0.00	4.924	27.329
1008.	4.454	34.551	0.00	4.374	27.389
1006.	4.460	34.557	0.00	4.380	27.394

CAST EP3-91-DI -014 LAT 05 02.1S LONG 124 54.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	26.406	35.462	0.00	26.405	23.257
96.	25.930	35.481	0.00	25.909	23.427
195.	12.873	34.958	0.00	12.846	26.392
295.	11.470	34.835	0.00	11.433	26.568
397.	10.048	34.755	0.00	10.001	26.761
495.	8.487	34.658	0.00	8.434	26.940
597.	7.316	34.599	0.00	7.257	27.067
692.	6.469	34.572	0.00	6.405	27.162
793.	5.752	34.547	0.00	5.683	27.235
891.	5.245	34.539	0.00	5.170	27.290
1007.	4.524	34.548	0.00	4.444	27.380
1005.	4.524	34.549	0.00	4.444	27.380

CAST EP3-91-DI -017 LAT 02 01.2S LONG 124 55.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	26.094	35.235	0.00	26.093	23.183
96.	25.072	35.127	0.00	25.051	23.423
196.	12.866	34.911	0.00	12.839	26.357
296.	12.030	34.850	0.00	11.991	26.475
395.	10.299	34.763	0.00	10.252	26.724
493.	8.523	34.661	0.00	8.470	26.936
592.	7.192	34.593	0.00	7.134	27.080
694.	6.298	34.560	0.00	6.235	27.175
792.	5.599	34.545	0.00	5.531	27.252
893.	5.019	34.546	0.00	4.945	27.322
1005.	4.529	34.554	0.00	4.449	27.384
1005.	4.536	34.553	0.00	4.456	27.382

CAST EP3-91-DI -015 LAT 03 59.7S LONG 124 52.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	26.089	35.320	0.00	26.088	23.249
97.	25.093	35.615	0.00	25.072	23.786
195.	13.108	34.926	0.00	13.081	26.320
295.	12.446	34.881	0.00	12.407	26.419
394.	11.062	34.811	0.00	11.013	26.626
494.	8.722	34.673	0.00	8.669	26.915
594.	7.572	34.611	0.00	7.513	27.040
694.	6.486	34.573	0.00	6.422	27.161
794.	5.757	34.560	0.00	5.687	27.244
893.	5.150	34.553	0.00	5.075	27.312
1018.	4.523	34.549	0.00	4.442	27.381
1014.	4.546	34.547	0.00	4.465	27.376

CAST EP3-91-DI -018 LAT 01 00.1S LONG 124 36.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	25.586	34.950	0.00	25.585	23.126
94.	25.143	35.557	0.00	25.122	23.727
195.	13.444	34.980	0.00	13.417	26.294
296.	12.010	34.844	0.00	11.971	26.474
395.	9.570	34.711	0.00	9.525	26.807
492.	7.853	34.616	0.00	7.803	27.002
592.	7.028	34.586	0.00	6.971	27.097
692.	6.374	34.568	0.00	6.311	27.171
794.	5.686	34.553	0.00	5.617	27.247
890.	5.058	34.547	0.00	4.984	27.318
1008.	4.466	34.555	0.00	4.386	27.391
1005.	4.471	34.556	0.00	4.391	27.392

CAST EP3-91-DI -019 LAT 00 12.3S LONG 124 21.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	25.727	34.786	0.00	25.726	22.959
497.	7.980	34.622	0.00	7.929	26.988
999.	4.655	34.555	0.00	4.574	27.371
1495.	2.986	34.605	0.00	2.879	27.581
1992.	2.302	34.642	0.00	2.162	27.672
2493.	1.907	34.648	0.00	1.729	27.711
2997.	1.699	34.673	0.00	1.478	27.749
3500.	1.531	34.684	0.00	1.264	27.773
4002.	1.429	34.695	0.00	1.112	27.793
4250.	1.454	34.693	0.00	1.109	27.791
4505.	1.483	34.693	0.00	1.108	27.791
4614.	1.496	34.693	0.00	1.108	27.791

CAST EP3-91-DI -022 LAT 00 00.3N LONG 140 01.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	27.271	34.904	0.00	27.270	22.561
496.	8.457	34.647	0.00	8.404	26.936
995.	4.551	34.557	0.00	4.471	27.384
1495.	3.056	34.598	0.00	2.948	27.569
1996.	2.301	34.643	0.00	2.160	27.673
2496.	1.902	34.663	0.00	1.724	27.723
2998.	1.666	34.669	0.00	1.446	27.749
3238.	1.638	34.676	0.00	1.395	27.758
3498.	1.529	34.686	0.00	1.262	27.775
3752.	1.454	34.691	0.00	1.163	27.786
3995.	1.407	34.694	0.00	1.091	27.793
4105.	1.405	34.695	0.00	1.077	27.795

CAST EP3-91-DI -020 LAT 00 03.3S LONG 130 00.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	26.560	35.095	0.00	26.559	22.931
96.	23.411	34.934	0.00	23.391	23.772
195.	13.388	34.952	0.00	13.361	26.283
297.	11.568	34.825	0.00	11.530	26.542
397.	9.355	34.694	0.00	9.311	26.829
496.	7.709	34.610	0.00	7.659	27.018
596.	6.863	34.577	0.00	6.807	27.112
697.	6.337	34.563	0.00	6.273	27.172
796.	5.563	34.551	0.00	5.494	27.261
896.	4.827	34.553	0.00	4.754	27.349
1001.	4.569	34.556	0.00	4.489	27.381
1003.	4.570	34.558	0.00	4.490	27.382

CAST EP3-91-DI -025 LAT 00 01.3N LONG 140 01.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	27.289	34.911	0.00	27.289	22.560
245.	12.607	34.889	0.00	12.574	26.392
499.	8.026	34.625	0.00	7.975	26.983

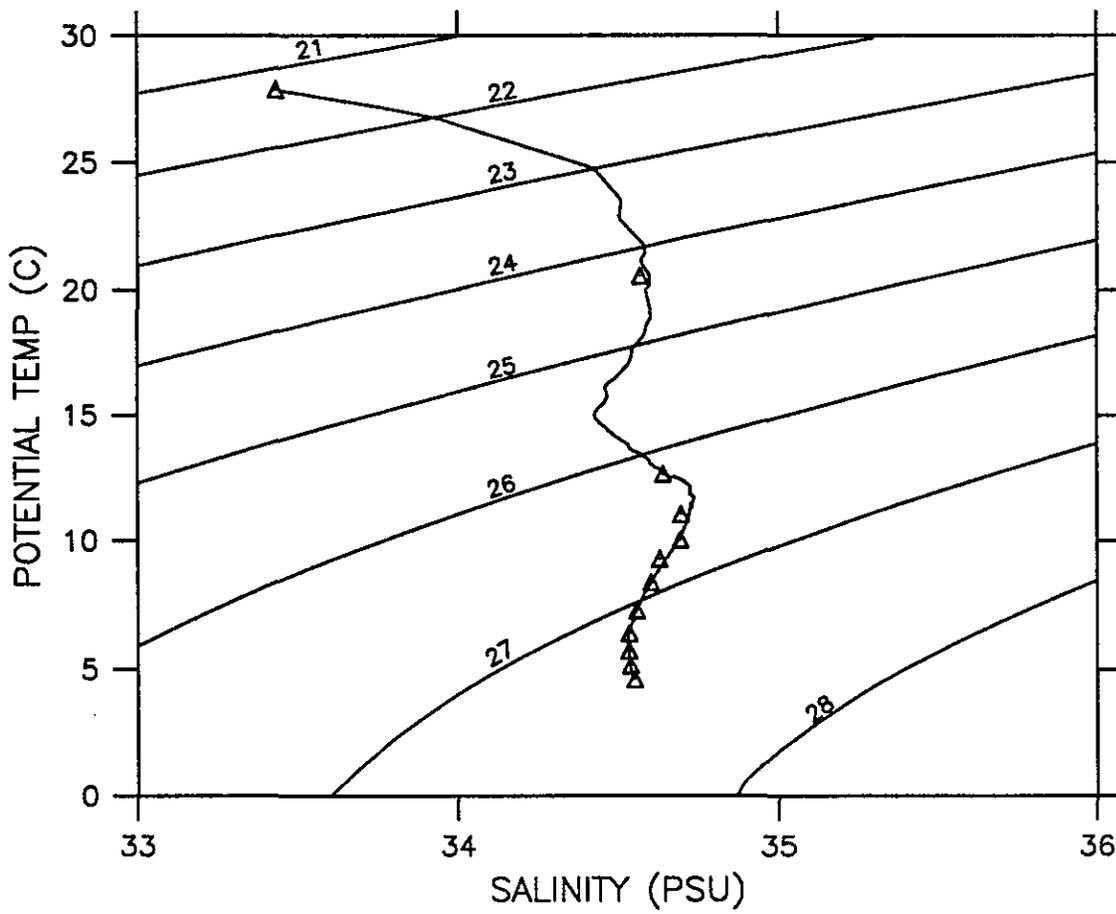
CAST EP3-91-DI -021 LAT 00 00.5N LONG 134 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	27.396	35.234	0.00	27.395	22.769
98.	25.780	35.522	0.00	25.758	23.504
196.	13.615	34.947	0.00	13.587	26.233
297.	11.801	34.835	0.00	11.763	26.507
394.	9.520	34.698	0.00	9.475	26.805
497.	8.003	34.625	0.00	7.952	26.987
598.	6.855	34.574	0.00	6.798	27.111
696.	6.081	34.560	0.00	6.019	27.203
795.	5.392	34.550	0.00	5.325	27.281
894.	4.959	34.551	0.00	4.885	27.333
998.	4.610	34.556	0.00	4.530	27.376
998.	4.616	34.556	0.00	4.536	27.376

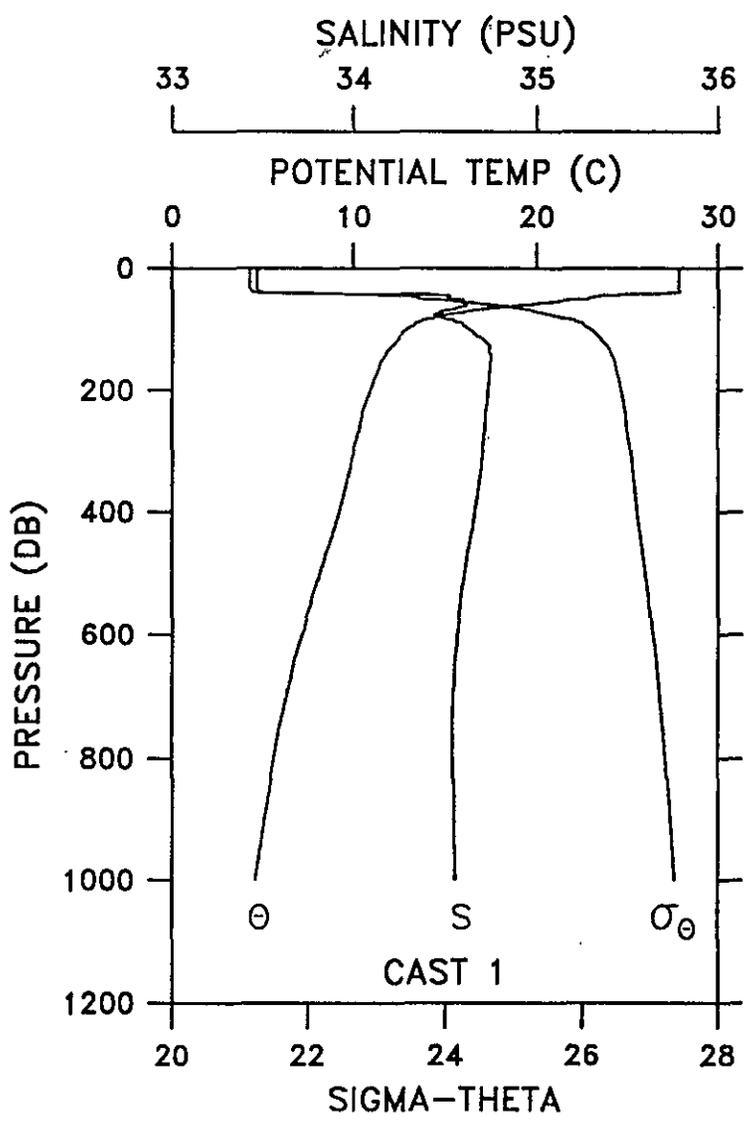


EP4-91-DI
November 18–December 15, 1991
CTD and Hydrographic Data Summary

CAST EP4-91-DI -001 DATE 22 NOV 91 TIME 0744 GMT
LAT 10 00.1N LONG 141 53.9W



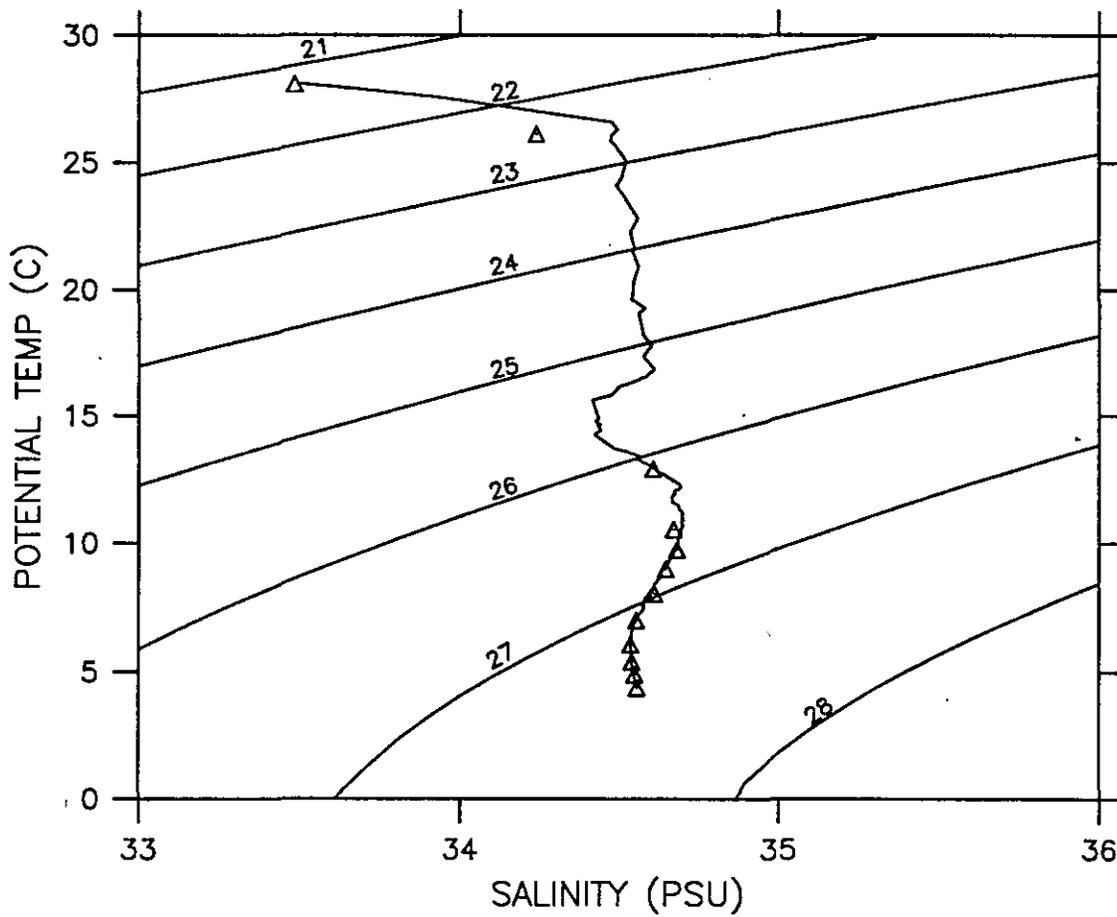
253



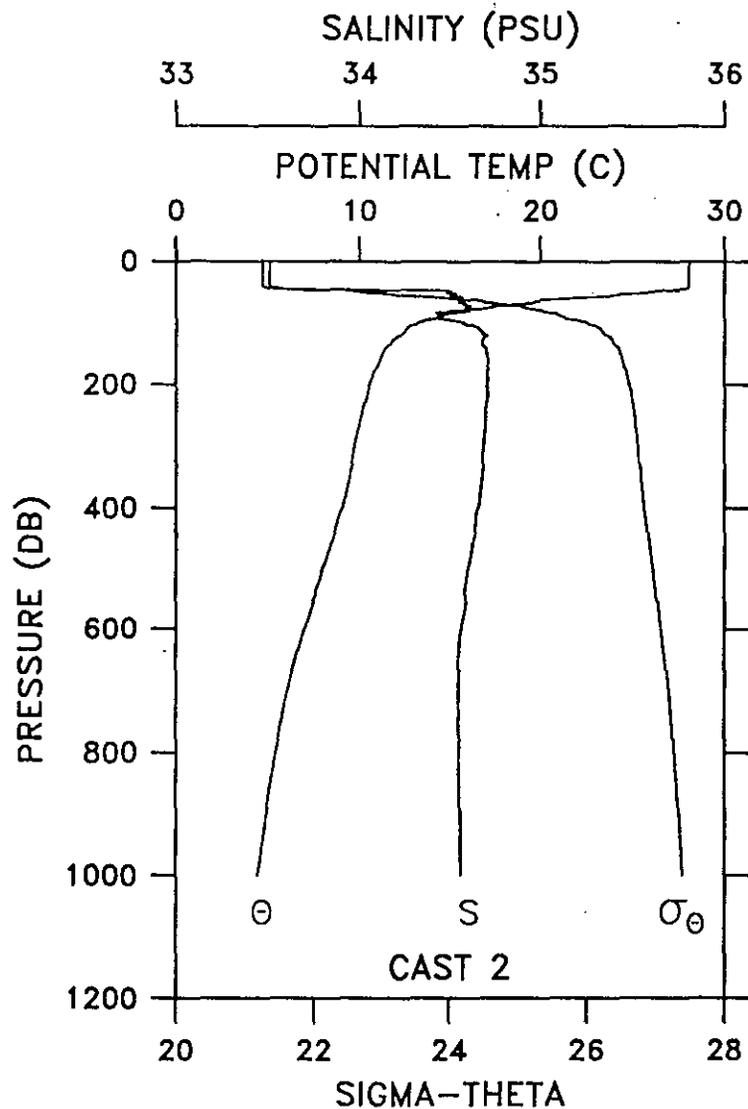
CAST EP4-91-DI -001 DATE 22 NOV 91 TIME 0744 GMT
 LAT 10 00.1N LONG 141 53.9W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 055 T SPD 18 KT VISIBILITY 8
 CLOUD 8 AMOUNT 8 DRY 27.0 WET 24.8 DEPTH 5045 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.868	33.434	21.262	0.000
10	27.874	33.433	21.260	0.065
20	27.871	33.434	21.261	0.130
30	27.873	33.434	21.261	0.196
40	27.175	33.767	21.736	0.261
50	22.765	34.519	23.638	0.308
60	18.905	34.616	24.753	0.344
70	16.103	34.469	25.316	0.373
80	14.358	34.481	25.711	0.398
90	13.323	34.591	26.011	0.419
100	12.890	34.630	26.129	0.439
110	12.521	34.674	26.236	0.457
120	12.322	34.723	26.312	0.475
130	11.972	34.739	26.392	0.492
140	11.756	34.746	26.438	0.508
150	11.557	34.746	26.476	0.524
160	11.431	34.741	26.495	0.540
170	11.317	34.738	26.514	0.558
180	11.162	34.737	26.542	0.571
190	11.054	34.735	26.560	0.586
200	10.937	34.732	26.579	0.601
250	10.448	34.718	26.655	0.674
300	10.002	34.700	26.718	0.745
350	9.640	34.683	26.765	0.813
400	9.245	34.660	26.812	0.880
450	8.743	34.632	26.871	0.944
500	8.199	34.606	26.935	1.006
550	7.693	34.583	26.992	1.065
600	7.190	34.562	27.048	1.121
650	6.728	34.550	27.102	1.175
700	6.358	34.542	27.145	1.227
750	5.961	34.539	27.194	1.277
800	5.664	34.542	27.233	1.324
900	5.114	34.546	27.303	1.415
1000	4.650	34.555	27.362	1.499
1008	4.624	34.555	27.365	1.506

CAST EP4-91-DI -002 DATE 22 NOV 91 TIME 1844 GMT
LAT 08 58.3N LONG 140 16.8W

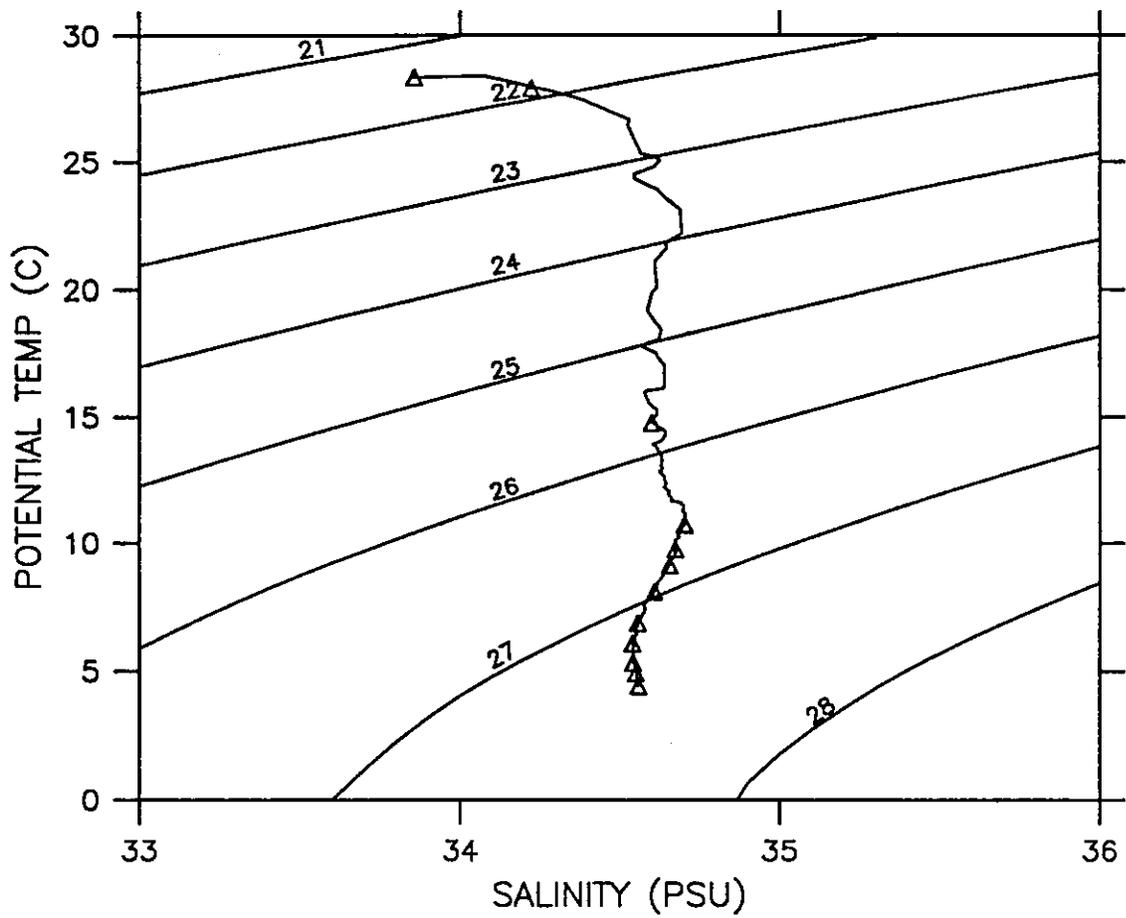


CAST EP4-91-DI -002 DATE 22 NOV 91 TIME 1844 GMT
 LAT 08 58.3N LONG 140 16.8W WEATHER 2 SEA STATE 5
 BAROMETER 10 WIND DIR 075 T SPD 26 KT VISIBILITY 6
 CLOUD 7 AMOUNT 8 DRY 24.9 WET 26.0 DEPTH 4878 M

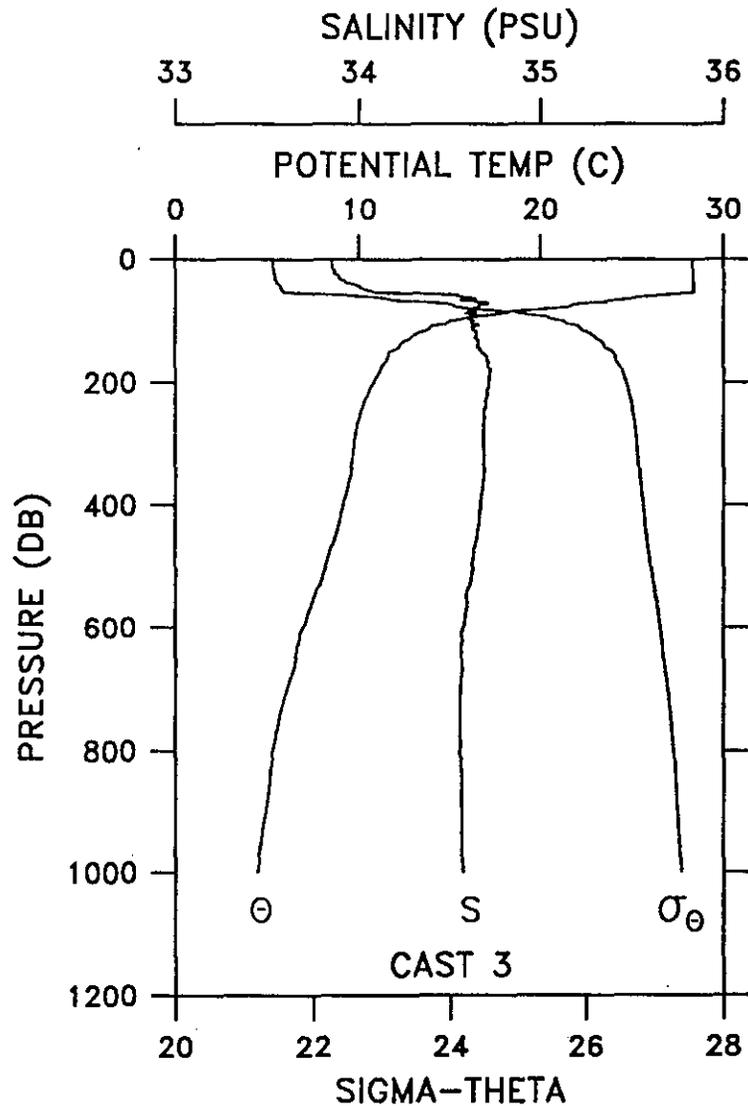


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.094	33.506	21.243	0.000
10	28.069	33.505	21.251	0.065
20	28.066	33.505	21.252	0.131
30	28.067	33.506	21.252	0.196
40	28.064	33.509	21.255	0.262
50	25.706	34.503	22.751	0.320
60	20.935	34.578	24.192	0.364
70	17.805	34.617	25.028	0.398
80	15.821	34.489	25.396	0.426
90	14.338	34.443	25.686	0.450
100	13.186	34.587	26.036	0.471
110	12.594	34.668	26.217	0.490
120	12.107	34.703	26.338	0.507
130	11.800	34.881	26.380	0.524
140	11.430	34.702	26.465	0.541
150	11.261	34.710	26.502	0.556
160	11.171	34.715	26.523	0.572
170	11.021	34.713	26.548	0.587
180	10.796	34.711	26.588	0.602
190	10.701	34.715	26.607	0.617
200	10.579	34.712	26.627	0.632
250	10.121	34.702	26.699	0.703
300	9.748	34.692	26.754	0.771
350	9.472	34.681	26.792	0.838
400	9.089	34.661	26.839	0.903
450	8.549	34.636	26.905	0.966
500	7.978	34.604	26.967	1.026
550	7.517	34.592	27.025	1.083
600	6.986	34.567	27.080	1.138
650	6.479	34.552	27.137	1.191
700	6.048	34.550	27.191	1.240
750	5.720	34.552	27.234	1.288
800	5.411	34.553	27.272	1.333
900	4.912	34.560	27.337	1.420
1000	4.463	34.567	27.393	1.501
1010	4.414	34.569	27.399	1.509

CAST EP4-91-DI -003 DATE 23 NOV 91 TIME 0228 GMT
LAT 08 00.0N LONG 140 12.1W



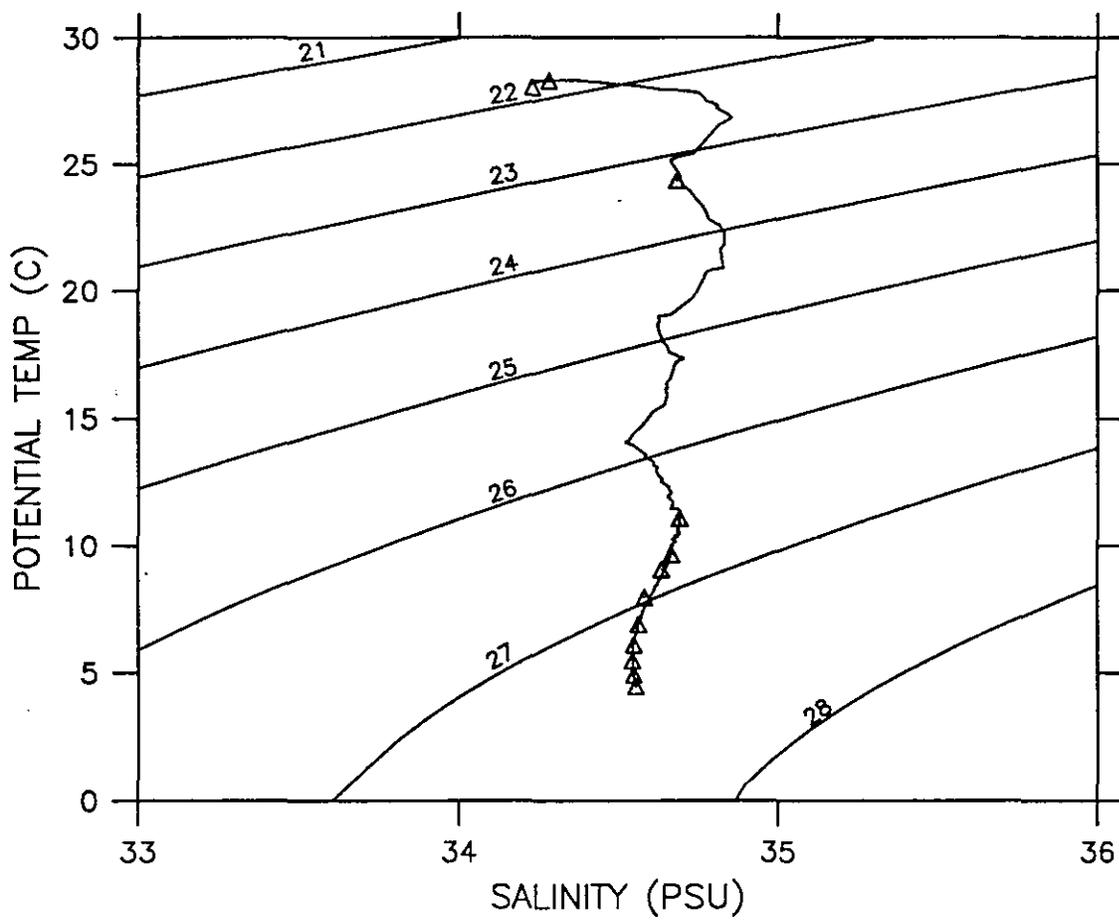
257



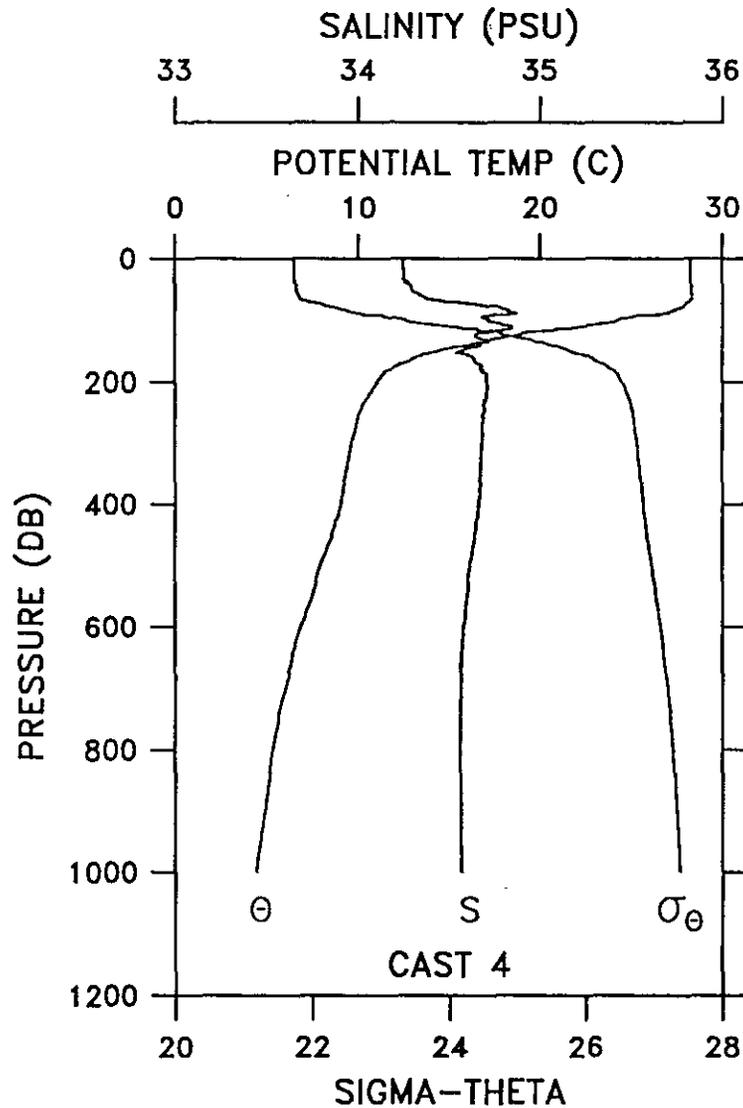
CAST EP4-91-DI -003 DATE 23 NOV 91 TIME 0228 GMT
 LAT 08 00.0N LONG 140 12.1W WEATHER 2 SEA STATE 5
 BAROMETER 06 WIND DIR 060 T SPD 23 KT VISIBILITY 7
 CLOUD 5 AMOUNT 8 DRY 28.0 WET 25.8 DEPTH 5133 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.338	33.854	21.425	0.000
10	28.336	33.854	21.426	0.064
20	28.340	33.865	21.432	0.127
30	28.345	33.891	21.451	0.191
40	28.358	33.958	21.497	0.254
50	28.372	34.036	21.550	0.317
60	26.086	34.551	22.670	0.376
70	23.112	34.703	23.678	0.423
80	20.587	34.626	24.322	0.463
90	17.361	34.630	25.145	0.494
100	15.050	34.628	25.675	0.520
110	13.919	34.618	25.909	0.542
120	13.252	34.646	26.068	0.563
130	12.661	34.651	26.190	0.582
140	12.227	34.651	26.275	0.600
150	11.679	34.673	26.398	0.617
160	11.569	34.703	26.440	0.633
170	11.363	34.711	26.484	0.649
180	11.143	34.716	26.529	0.665
190	10.961	34.715	26.561	0.680
200	10.782	34.709	26.589	0.695
250	10.078	34.684	26.692	0.767
300	9.739	34.683	26.749	0.835
350	9.532	34.684	26.784	0.903
400	9.126	34.666	26.836	0.968
450	8.718	34.647	26.886	1.031
500	8.167	34.623	26.953	1.092
550	7.500	34.587	27.023	1.150
600	6.952	34.570	27.087	1.205
650	6.559	34.581	27.133	1.257
700	6.102	34.554	27.187	1.307
750	5.668	34.552	27.240	1.354
800	5.326	34.555	27.284	1.399
900	4.954	34.563	27.335	1.488
1000	4.475	34.568	27.392	1.567
1017	4.411	34.569	27.400	1.580

CAST EP4-91-DI -004 DATE 23 NOV 91 TIME 0828 GMT
LAT 06 59.8N LONG 140 08.0W

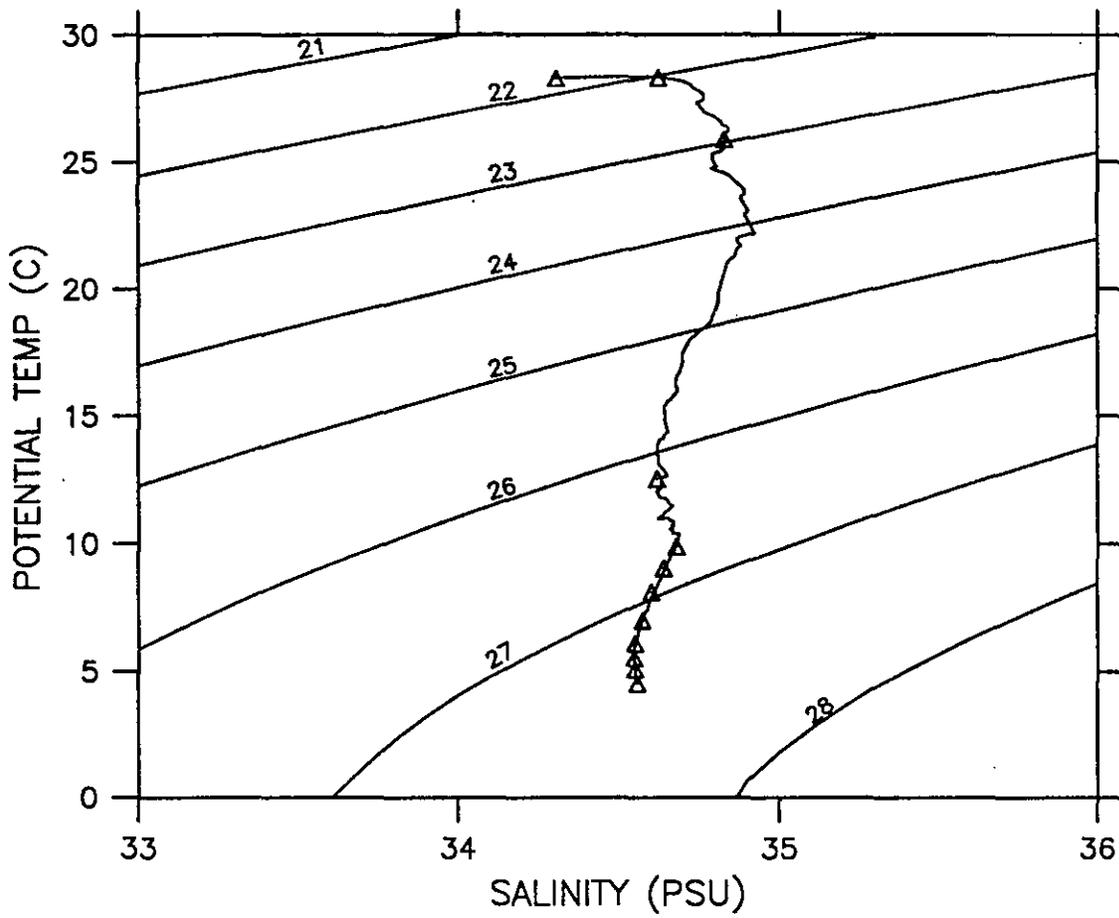


CAST EP4-91-DI -004 DATE 23 NOV 91 TIME 0828 GMT
 LAT 06 59.8N LONG 140 08.0W WEATHER 2 SEA STATE 5
 BAROMETER 09 WIND DIR 100 T SPD 12 KT VISIBILITY 7
 CLOUD X AMOUNT 8 DRY 25.8 WET 24.0 DEPTH 4955 M

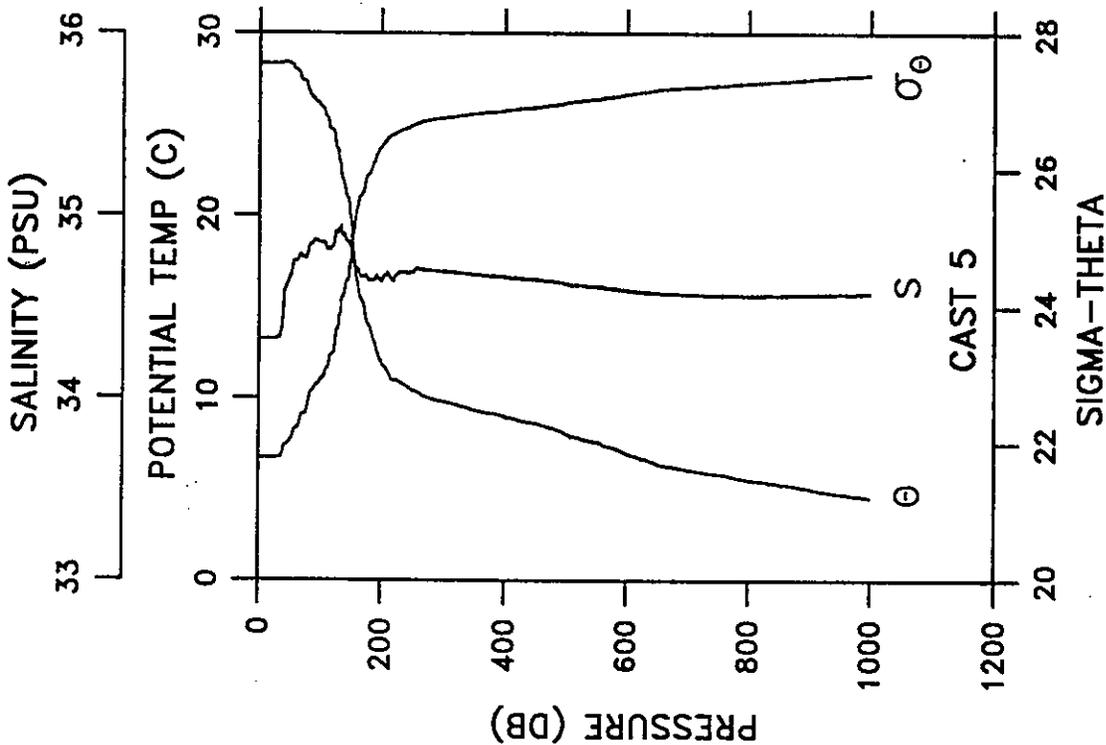


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.260	34.246	21.745	0.000
10	28.260	34.246	21.745	0.061
20	28.275	34.253	21.745	0.121
30	28.274	34.253	21.745	0.182
40	28.281	34.263	21.751	0.243
50	28.299	34.291	21.766	0.303
60	28.311	34.340	21.799	0.364
70	28.206	34.475	21.935	0.424
80	27.635	34.785	22.354	0.480
90	26.676	34.850	22.709	0.534
100	24.248	34.716	23.354	0.582
110	22.268	34.845	24.026	0.625
120	19.045	34.682	24.767	0.661
130	17.587	34.676	25.126	0.692
140	16.151	34.664	25.455	0.719
150	14.392	34.562	25.766	0.743
160	13.187	34.626	26.066	0.764
170	12.504	34.650	26.221	0.783
180	11.724	34.686	26.398	0.800
190	11.318	34.708	26.491	0.816
200	11.043	34.707	26.540	0.832
250	10.055	34.687	26.699	0.905
300	9.643	34.680	26.763	0.973
350	9.350	34.672	26.805	1.039
400	9.060	34.660	26.843	1.104
450	8.576	34.640	26.903	1.167
500	7.964	34.614	26.976	1.227
550	7.492	34.595	27.030	1.284
600	6.919	34.577	27.097	1.338
650	6.451	34.568	27.153	1.389
700	6.079	34.562	27.197	1.438
750	5.686	34.559	27.244	1.485
800	5.368	34.559	27.282	1.530
900	4.929	34.561	27.336	1.617
1000	4.503	34.568	27.389	1.698
1008	4.464	34.569	27.394	1.704

CAST EP4-91-DI -005 DATE 24 NOV 91 TIME 1035 GMT
LAT 05 00.2N LONG 140 02.4W

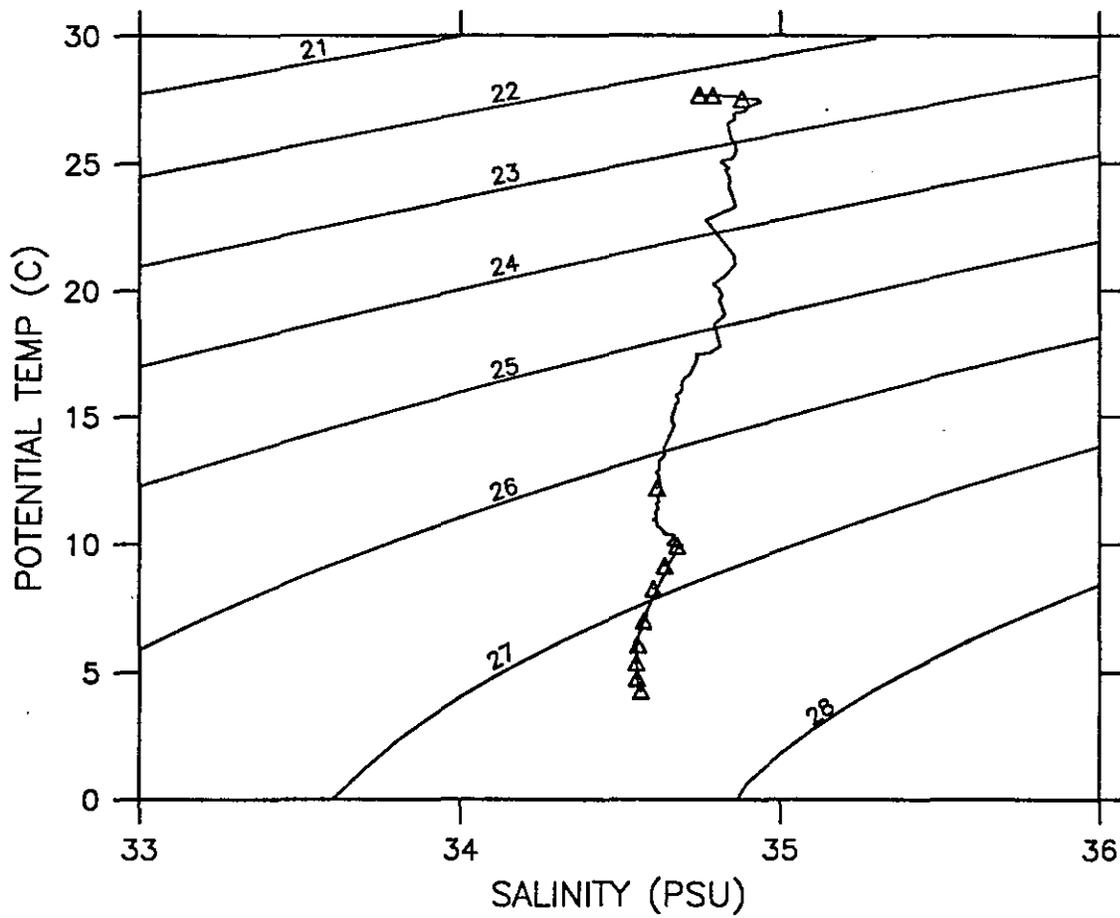


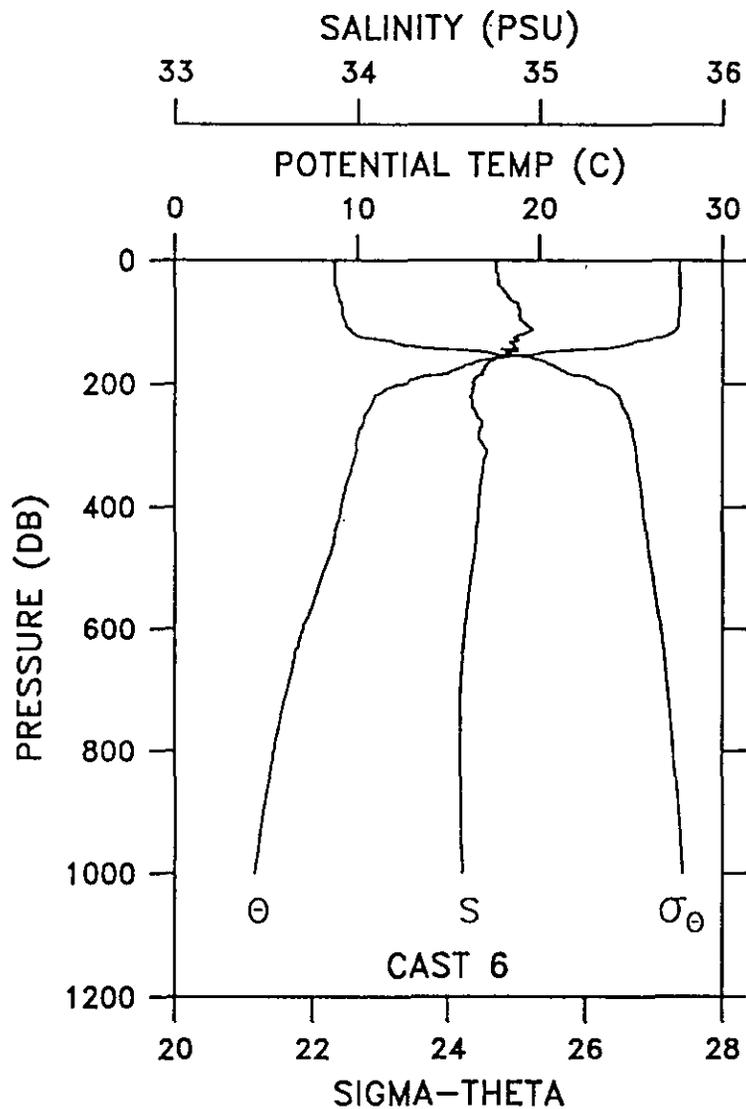
CAST EP4-91-D1 -005 DATE 24 NOV 91 TIME 1035 GMT
 LAT 05 00.2N LONG 140 02.4W WEATHER 1 SEA STATE 4
 BAROMETER 83 WIND DIR 110 T SPD 19 KT VISIBILITY 8
 CLOUD 1 AMOUNT 6 DRY 27.6 WET 24.8 DEPTH 4339 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.297	34.326	21.793	0.000
10	28.297	34.326	21.793	0.060
20	28.298	34.326	21.793	0.120
30	28.299	34.330	21.795	0.181
40	28.351	34.514	21.917	0.240
50	28.314	34.661	22.039	0.299
60	27.984	34.751	22.215	0.356
70	27.389	34.779	22.429	0.412
80	26.940	34.792	22.582	0.466
90	26.386	34.858	22.807	0.517
100	26.020	34.856	22.920	0.568
110	25.394	34.837	23.100	0.617
120	24.661	34.825	23.313	0.664
130	23.517	34.903	23.712	0.708
140	21.684	34.900	24.231	0.748
150	19.990	34.834	24.639	0.783
160	18.512	34.703	25.402	0.813
170	15.262	34.664	25.658	0.837
180	13.961	34.848	25.924	0.860
190	12.990	34.654	26.128	0.880
200	12.021	34.640	26.308	0.898
250	10.421	34.692	26.639	0.976
300	9.812	34.693	26.745	1.046
350	9.343	34.678	26.811	1.112
400	8.984	34.666	26.859	1.177
450	8.623	34.652	26.905	1.239
500	8.039	34.629	26.977	1.299
550	7.610	34.613	27.027	1.356
600	6.966	34.594	27.104	1.410
650	6.428	34.580	27.166	1.461
700	6.090	34.571	27.202	1.510
750	5.850	34.568	27.230	1.558
800	5.546	34.565	27.266	1.604
900	5.071	34.571	27.327	1.691
1000	4.561	34.578	27.391	1.773
1001	4.546	34.578	27.392	1.774

CAST EP4-91-DI -006 DATE 24 NOV 91 TIME 1640 GMT
LAT 04 00.4N LONG 140 00.1W

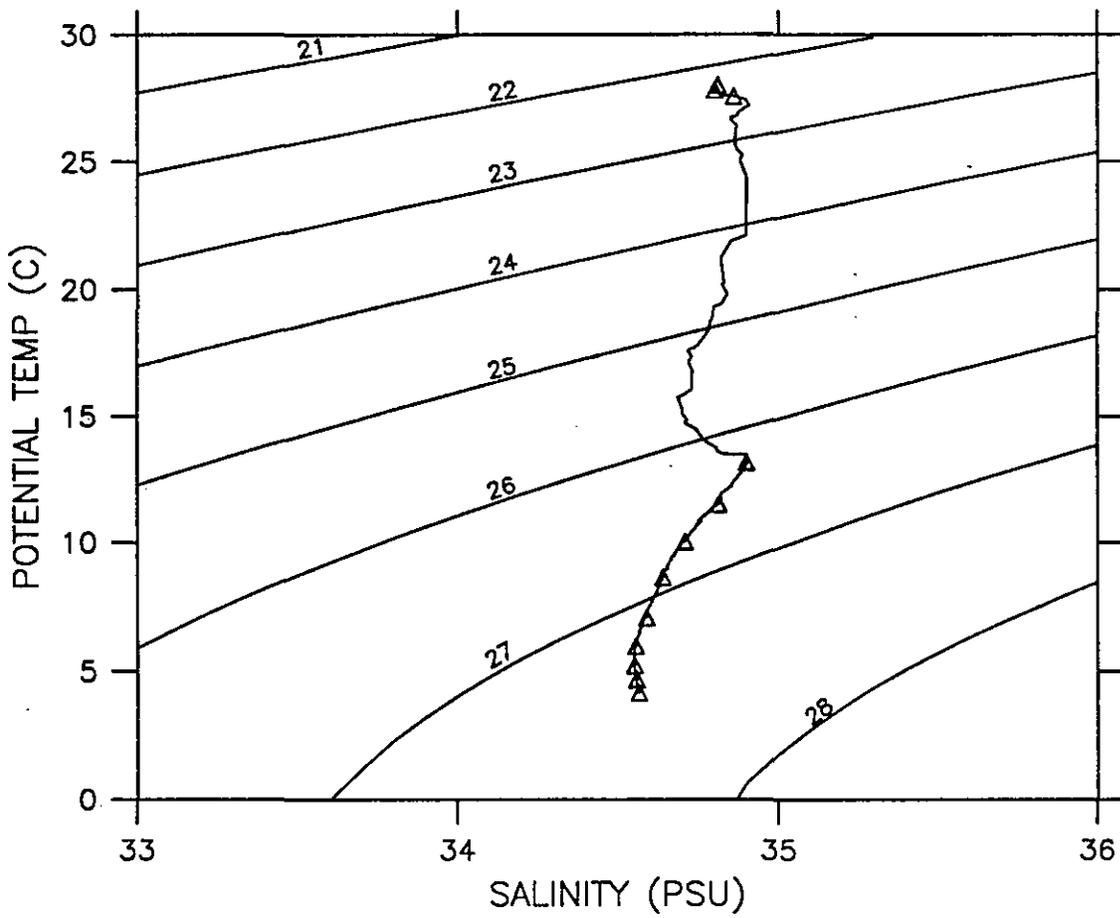




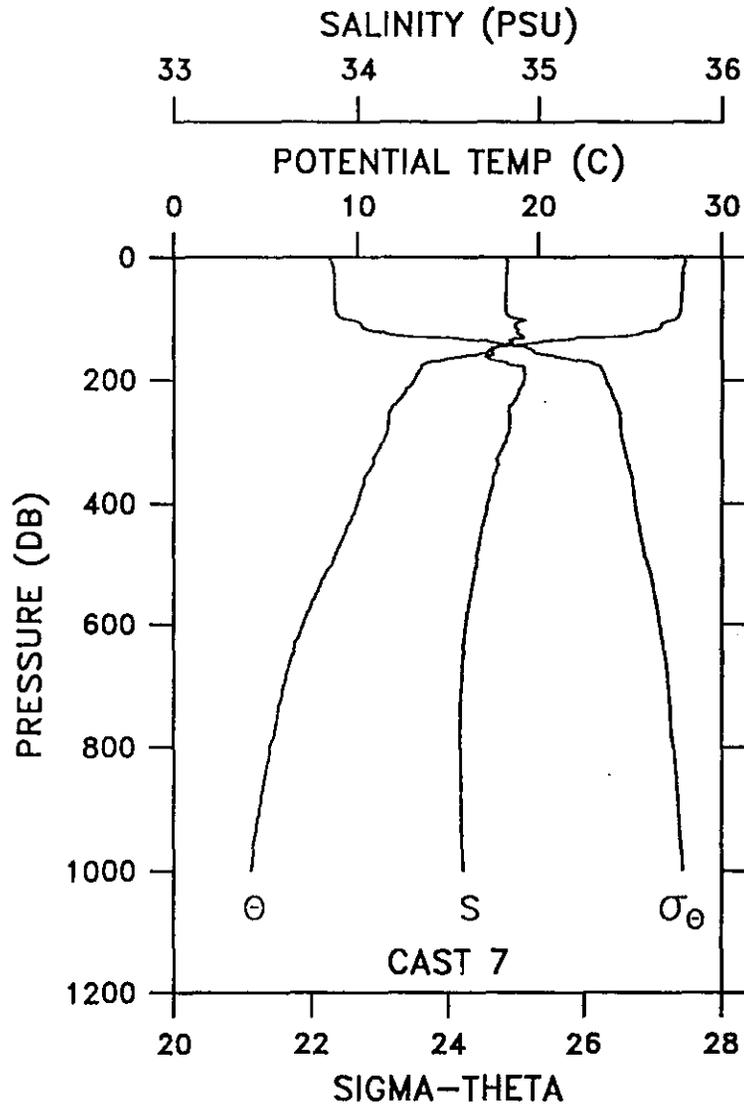
CAST EP4-91-DI -006 DATE 24 NOV 91 TIME 1640 GMT
 LAT 04 00.4N LONG 140 00.1W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 100 T SPD 20 KT VISIBILITY 8
 CLOUD 8 AMOUNT 8 DRY 27.2 WET 24.8 DEPTH 4352 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.661	34.766	22.331	0.000
10	27.657	34.766	22.332	0.055
20	27.667	34.772	22.334	0.110
30	27.669	34.778	22.337	0.165
40	27.668	34.784	22.343	0.220
50	27.658	34.807	22.363	0.275
60	27.649	34.828	22.382	0.330
70	27.625	34.881	22.429	0.384
80	27.613	34.890	22.440	0.439
90	27.582	34.889	22.449	0.493
100	27.526	34.915	22.487	0.547
110	27.447	34.956	22.543	0.601
120	26.990	34.883	22.635	0.654
130	25.185	34.868	23.187	0.704
140	24.010	34.862	23.535	0.750
150	19.996	34.833	24.637	0.788
160	17.137	34.757	25.296	0.818
170	15.938	34.707	25.537	0.844
180	15.157	34.688	25.697	0.869
190	13.352	34.653	26.053	0.890
200	12.563	34.642	26.203	0.910
250	10.420	34.657	26.612	0.990
300	9.948	34.699	26.726	1.061
350	9.549	34.688	26.785	1.128
400	9.148	34.671	26.837	1.194
450	8.707	34.655	26.895	1.257
500	8.197	34.633	26.956	1.318
550	7.629	34.812	27.024	1.375
600	6.999	34.592	27.098	1.430
650	6.519	34.580	27.154	1.481
700	6.164	34.571	27.193	1.531
750	5.759	34.570	27.244	1.578
800	5.428	34.570	27.284	1.623
900	4.804	34.570	27.357	1.708
1000	4.351	34.581	27.416	1.787
1016	4.282	34.581	27.423	1.799

CAST EP4-91-DI -007 DATE 24 NOV 91 TIME 2235 GMT
LAT 02 59.8N LONG 140 00.0W

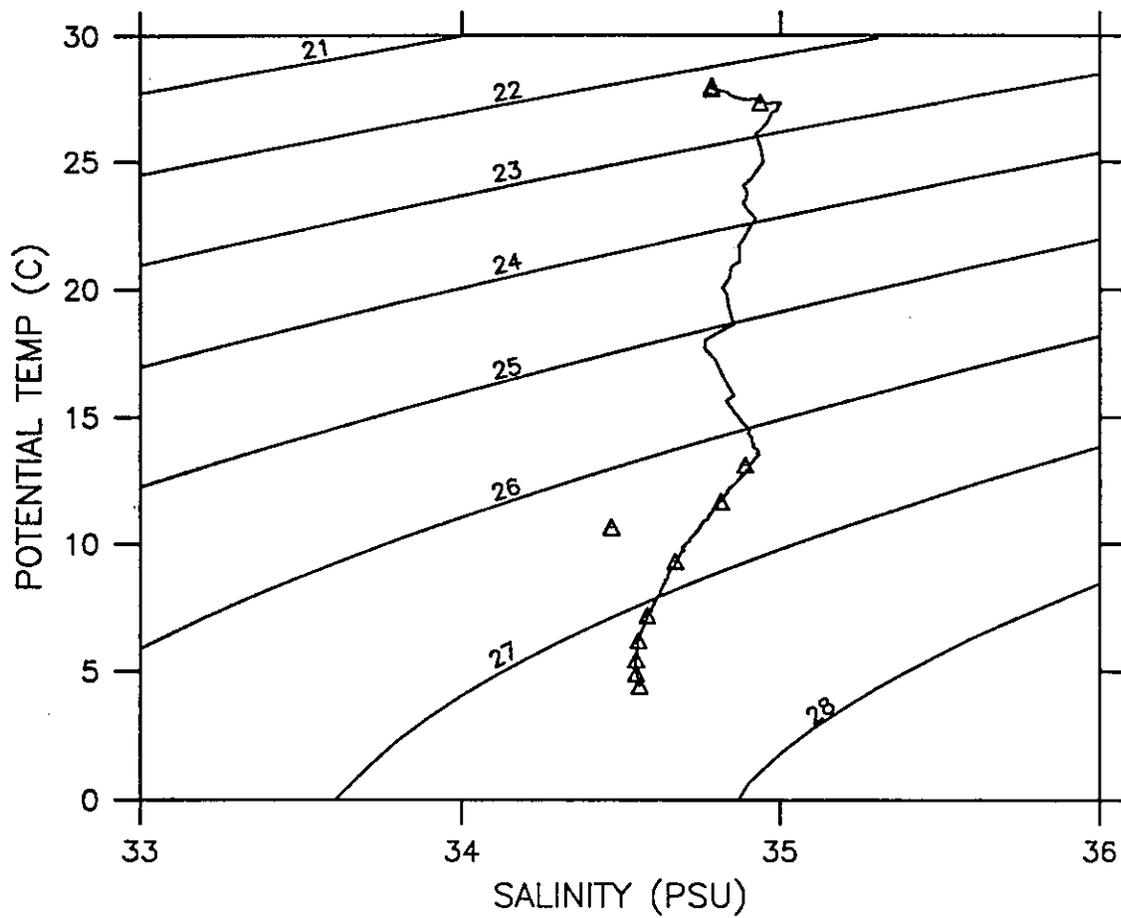


CAST EP4-91-DI -007 DATE 24 NOV 91 TIME 2235 GMT
 LAT 02 59.8N LONG 140 00.0W WEATHER 1 SEA STATE 4
 BAROMETER 75 WIND DIR 095 T SPD 20 KT VISIBILITY 8
 CLOUD 1 AMOUNT 5 DRY 27.9 WET 25.0 DEPTH 4299 M

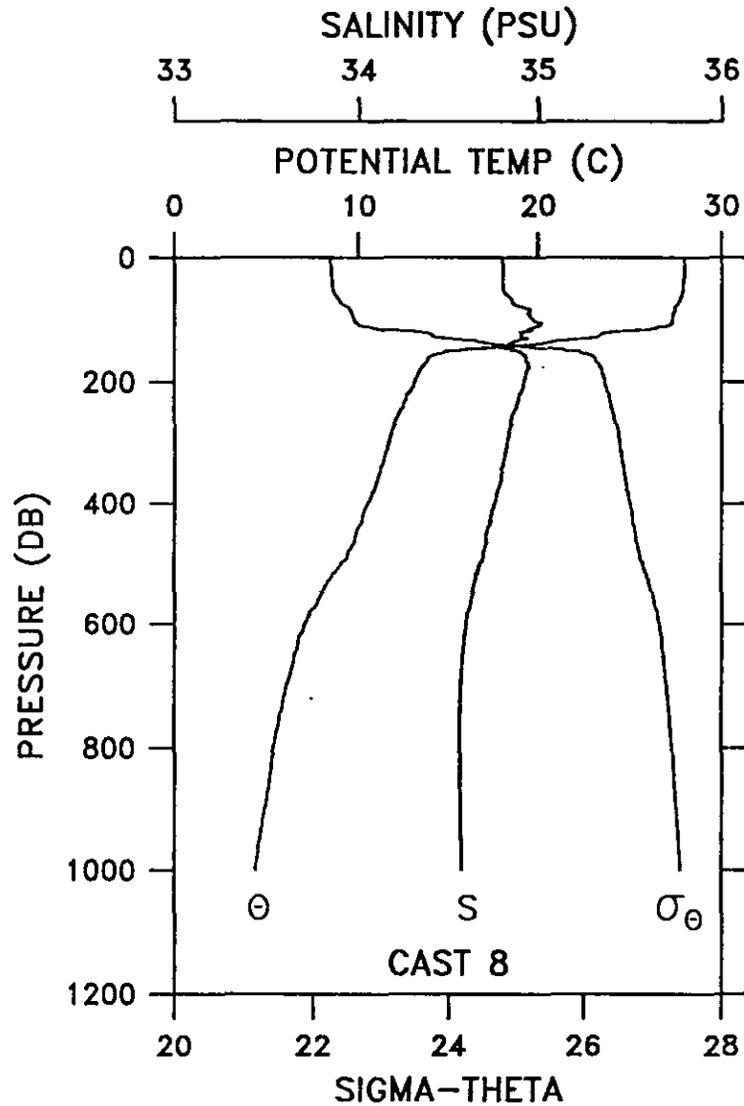


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.000	34.827	22.266	0.000
10	27.957	34.825	22.279	0.056
20	27.860	34.823	22.309	0.111
30	27.834	34.821	22.316	0.166
40	27.828	34.821	22.318	0.221
50	27.820	34.820	22.320	0.277
60	27.803	34.818	22.324	0.332
70	27.783	34.816	22.329	0.387
80	27.763	34.816	22.336	0.443
90	27.713	34.820	22.355	0.498
100	27.560	34.875	22.446	0.553
110	26.699	34.870	22.717	0.605
120	26.278	34.884	22.861	0.657
130	24.376	34.918	23.469	0.705
140	19.824	34.857	24.700	0.741
150	17.475	34.743	25.205	0.771
160	16.059	34.749	25.542	0.798
170	14.049	34.785	26.012	0.821
180	13.472	34.916	26.233	0.840
190	13.260	34.923	26.281	0.859
200	13.086	34.918	26.313	0.876
250	11.793	34.836	26.502	0.960
300	11.437	34.820	26.556	1.038
350	10.548	34.759	26.669	1.113
400	9.985	34.716	26.733	1.184
450	9.312	34.679	26.817	1.252
500	8.587	34.652	26.912	1.315
550	7.700	34.623	27.022	1.374
600	7.054	34.596	27.093	1.429
650	6.435	34.582	27.166	1.480
700	5.958	34.569	27.218	1.528
750	5.658	34.565	27.252	1.575
800	5.234	34.565	27.303	1.619
900	4.883	34.571	27.371	1.702
1000	4.199	34.580	27.432	1.779
1004	4.166	34.580	27.435	1.782

CAST EP4-91-DI -008 DATE 25 NOV 91 TIME 0548 GMT
LAT 01 59.2N LONG 140 25.6W

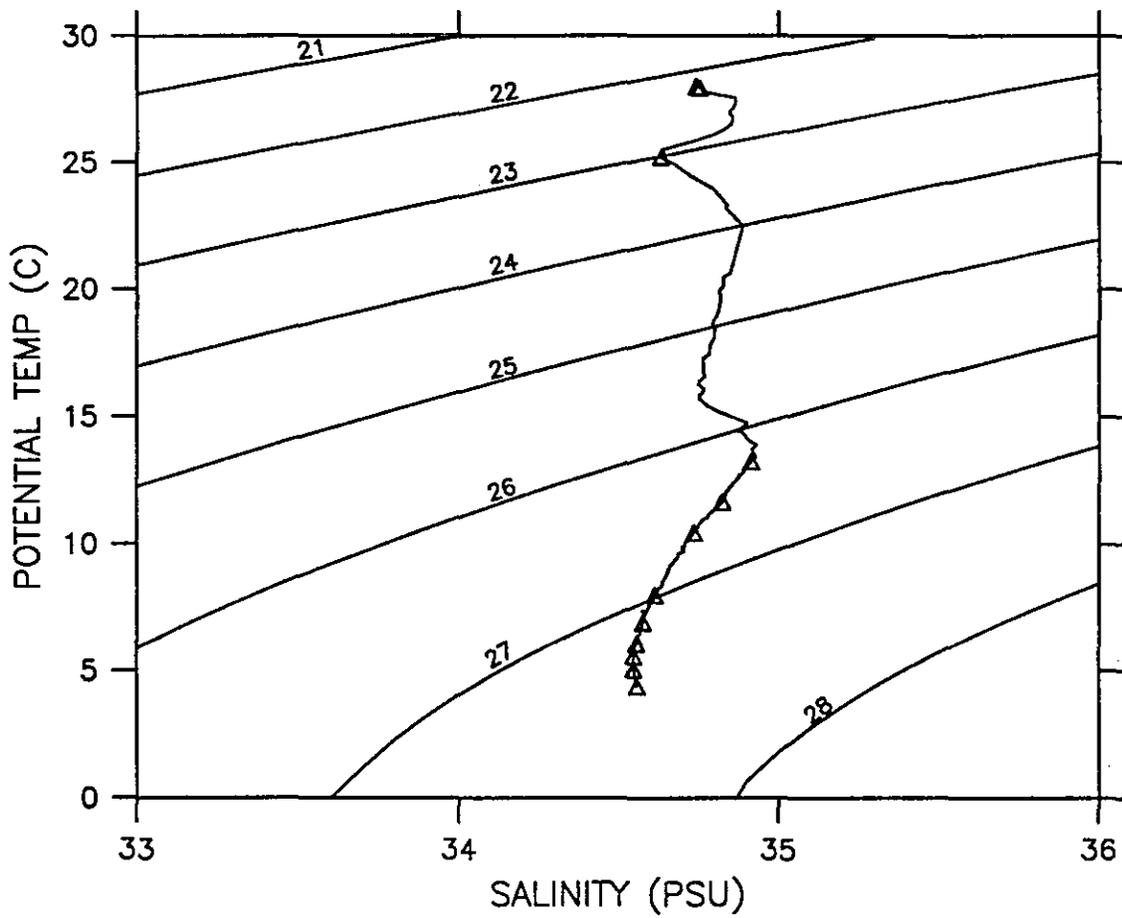


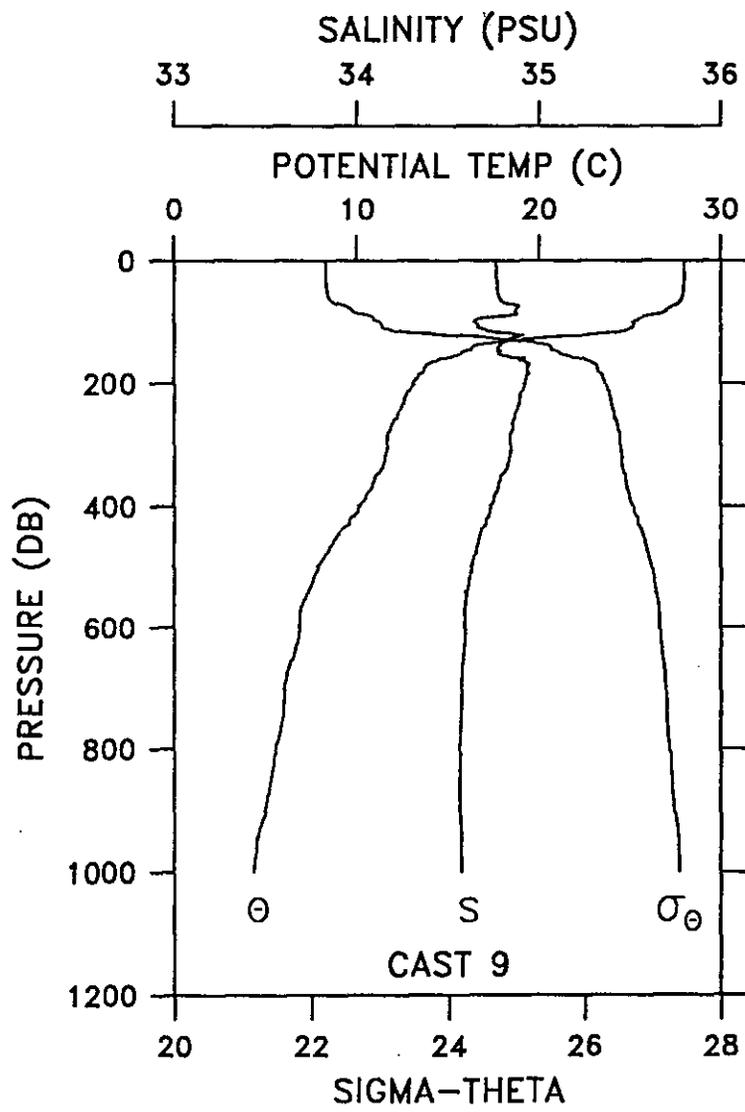
CAST EP4-91-DI -008 DATE 25 NOV 91 TIME 0548 GMT
 LAT 01 59.2N LONG 140 25.6W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 085 T SPD 12 KT VISIBILITY 7
 CLOUD X AMOUNT 3 DRY 26.9 WET 24.8 DEPTH 4600 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.984	34.802	22.253	0.000
10	27.980	34.802	22.255	0.056
20	27.973	34.801	22.256	0.111
30	27.949	34.800	22.263	0.167
40	27.905	34.800	22.278	0.223
50	27.885	34.804	22.287	0.279
60	27.816	34.827	22.327	0.334
70	27.678	34.856	22.393	0.389
80	27.460	34.929	22.519	0.443
90	27.357	34.947	22.566	0.496
100	27.312	34.973	22.600	0.549
110	26.947	34.991	22.730	0.602
120	23.821	34.913	23.630	0.650
130	22.375	34.920	24.053	0.691
140	19.274	34.856	24.842	0.727
150	14.818	34.895	25.932	0.753
160	13.871	34.931	26.162	0.773
170	13.689	34.945	26.211	0.792
180	13.408	34.940	26.264	0.810
190	13.268	34.931	26.286	0.828
200	13.126	34.922	26.308	0.846
250	12.271	34.863	26.431	0.931
300	11.664	34.826	26.518	1.012
350	11.138	34.794	26.591	1.089
400	10.494	34.756	26.676	1.164
450	9.857	34.711	26.751	1.235
500	9.031	34.673	26.857	1.302
550	7.930	34.631	26.995	1.363
600	7.025	34.596	27.098	1.418
650	6.496	34.577	27.154	1.470
700	6.081	34.566	27.200	1.519
750	5.698	34.564	27.246	1.566
800	5.369	34.562	27.284	1.611
900	4.891	34.564	27.342	1.698
1000	4.420	34.572	27.401	1.778
1007	4.416	34.572	27.402	1.783

CAST EP4-91-DI -009 DATE 25 NOV 91 TIME 1015 GMT
LAT 01 30.0N LONG 140 00.0W

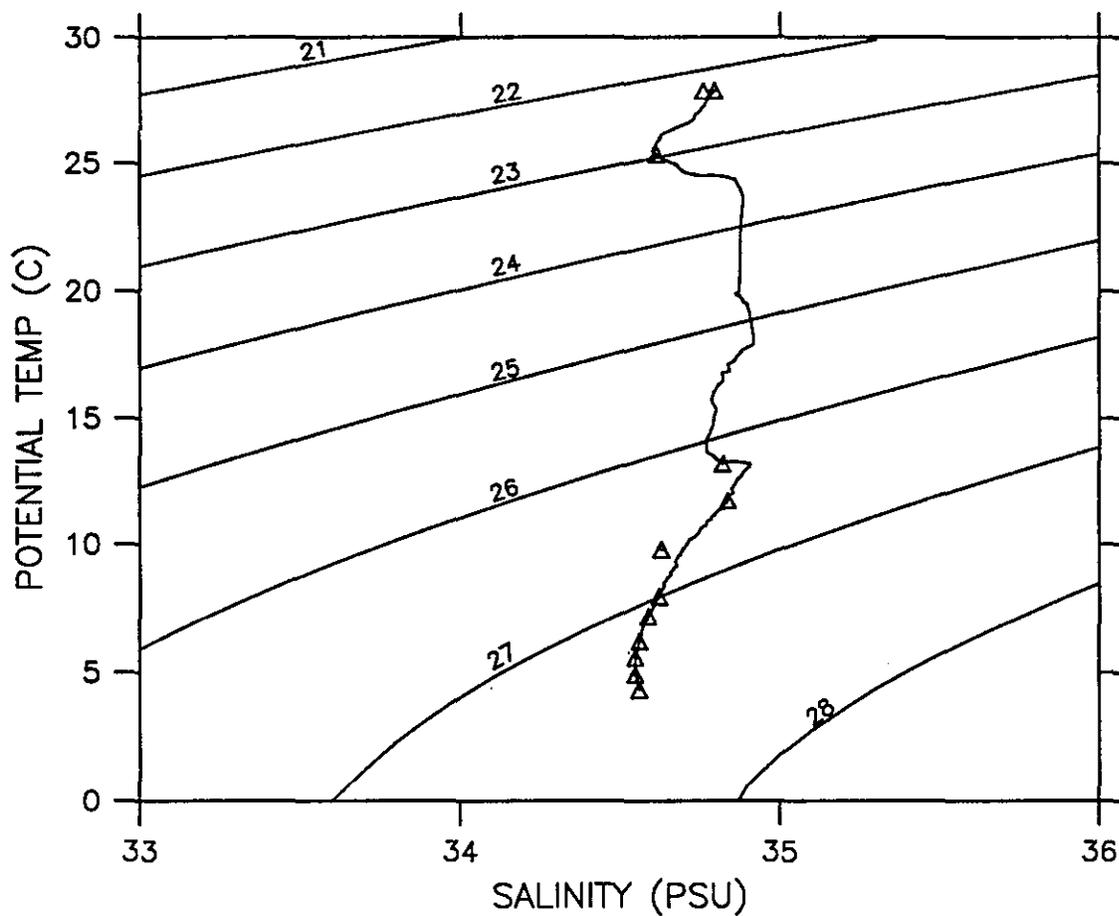




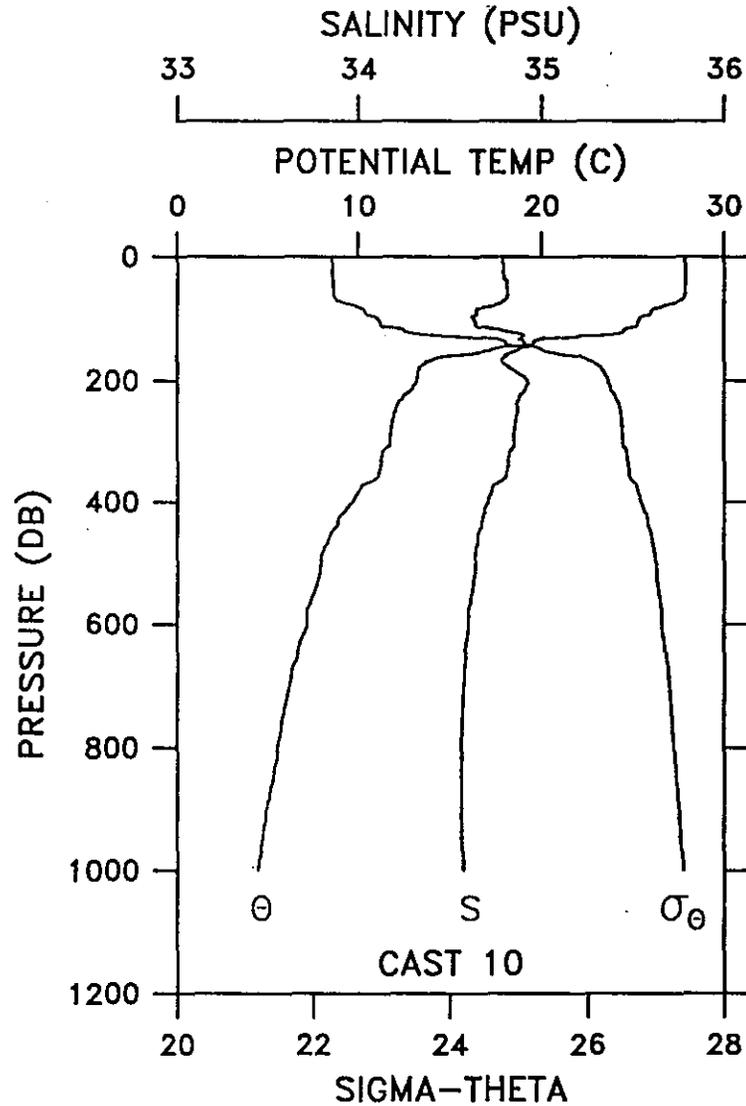
CAST EP4-91-DI -009 DATE 25 NOV 91 TIME 1015 GMT
 LAT 01 30.0N LONG 140 00.0W WEATHER 1 SEA STATE 4
 BAROMETER 07 WIND DIR 070 T SPD 17 KT VISIBILITY 6
 CLOUD 8 AMOUNT 6 DRY 26.3 WET 24.9 DEPTH 4437 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.000	34.757	22.214	0.000
10	28.007	34.761	22.215	0.056
20	28.007	34.763	22.216	0.112
30	28.010	34.765	22.217	0.168
40	27.989	34.768	22.226	0.225
50	27.959	34.770	22.237	0.281
60	27.903	34.779	22.262	0.337
70	27.677	34.831	22.375	0.392
80	27.072	34.869	22.598	0.446
90	25.977	34.785	22.880	0.497
100	25.224	34.647	23.008	0.547
110	25.019	34.679	23.095	0.596
120	22.935	34.874	23.859	0.641
130	18.412	34.821	25.034	0.675
140	16.326	34.772	25.498	0.702
150	15.712	34.770	25.637	0.727
160	14.541	34.901	25.996	0.749
170	13.806	34.939	26.181	0.769
180	13.652	34.935	26.210	0.788
190	13.313	34.930	26.276	0.806
200	13.093	34.921	26.313	0.823
250	12.225	34.864	26.441	0.908
300	11.651	34.841	26.533	0.988
350	10.998	34.786	26.609	1.066
400	10.103	34.729	26.723	1.139
450	8.873	34.667	26.878	1.206
500	7.901	34.624	26.994	1.266
550	7.230	34.599	27.071	1.322
600	6.898	34.589	27.109	1.374
650	6.541	34.581	27.151	1.425
700	6.071	34.571	27.205	1.474
750	5.959	34.567	27.216	1.522
800	5.589	34.563	27.259	1.568
900	5.018	34.562	27.326	1.657
1000	4.407	34.572	27.403	1.736
1011	4.383	34.573	27.406	1.745

CAST EP4-91-DI -010 DATE 25 NOV 91 TIME 1410 GMT
LAT 00 59.9N LONG 140 00.2W

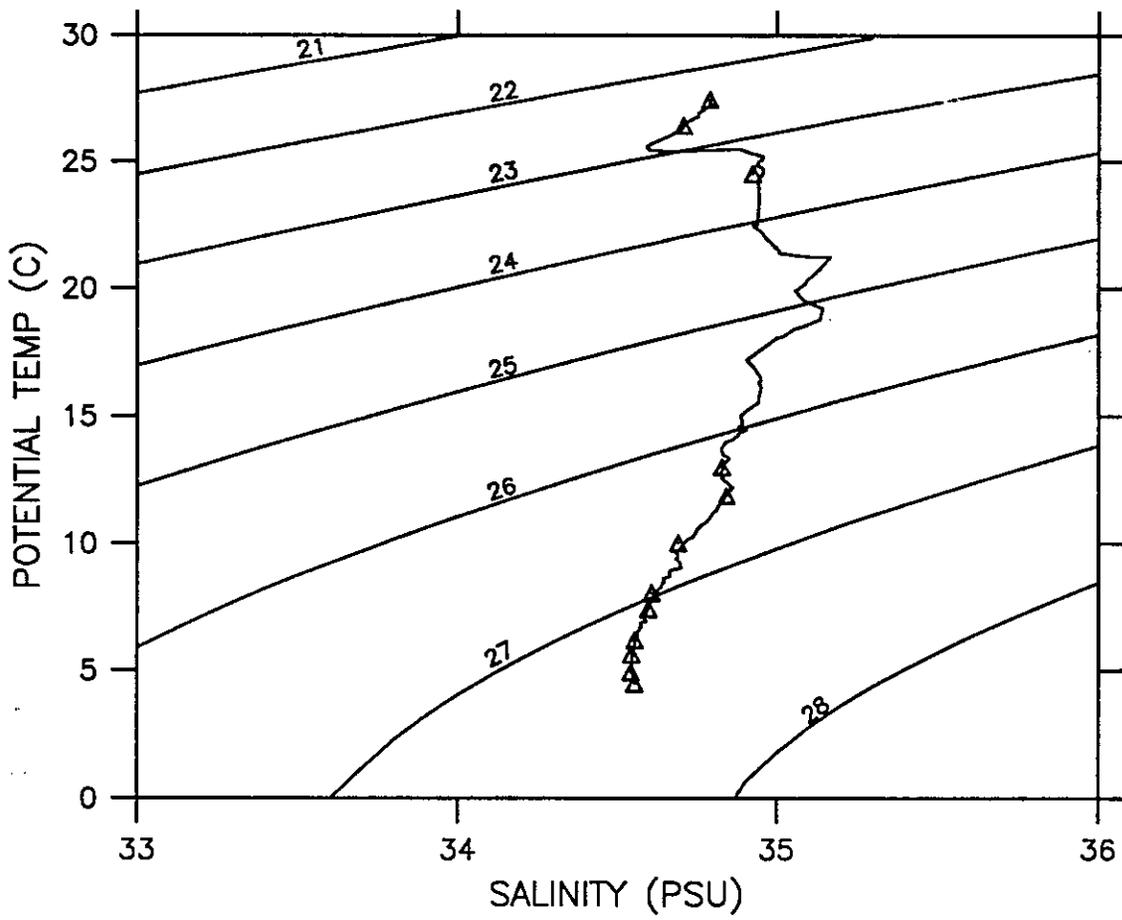


CAST EP4-91-DI-010 DATE 25 NOV 91 TIME 1410 GMT
 LAT 00 59.9N LONG 140 00.2W WEATHER 5 SEA STATE 4
 BAROMETER 07 WIND DIR 140 T SPD 22 KT VISIBILITY 8
 CLOUD 7 AMOUNT 8 DRY 25.4 WET 24.9 DEPTH 4326 M

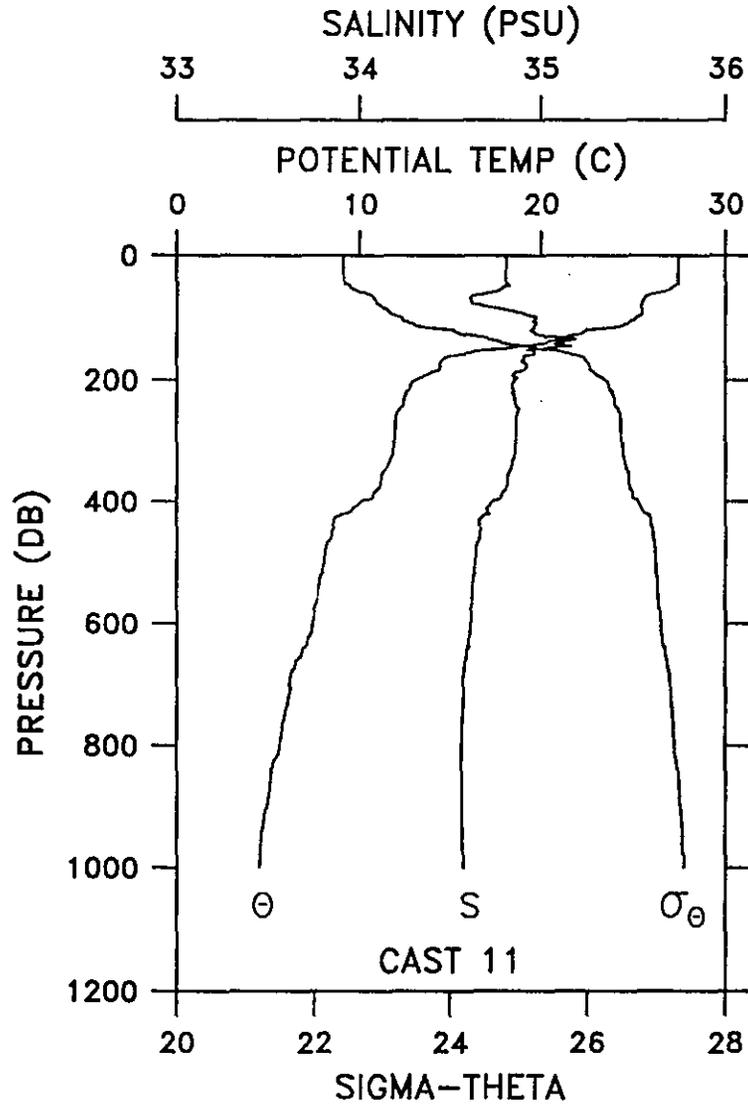


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.851	34.790	22.287	0.000
10	27.851	34.788	22.286	0.055
20	27.854	34.788	22.285	0.111
30	27.853	34.789	22.286	0.166
40	27.870	34.808	22.295	0.222
50	27.864	34.809	22.298	0.277
60	27.840	34.811	22.307	0.333
70	27.659	34.794	22.353	0.388
80	26.556	34.726	22.654	0.442
90	25.974	34.643	22.774	0.493
100	25.331	34.631	22.963	0.543
110	25.225	34.642	23.004	0.593
120	24.480	34.824	23.367	0.640
130	20.627	34.889	24.512	0.681
140	19.512	34.912	24.824	0.714
150	17.198	34.867	25.366	0.742
160	14.677	34.803	25.892	0.766
170	13.678	34.784	26.088	0.787
180	13.305	34.828	26.199	0.806
190	13.258	34.883	26.251	0.824
200	13.190	34.920	26.293	0.842
250	12.047	34.871	26.480	0.926
300	11.766	34.849	26.517	1.006
350	11.134	34.807	26.601	1.083
400	9.688	34.704	26.774	1.154
450	8.525	34.655	26.924	1.218
500	7.948	34.637	26.997	1.276
550	7.537	34.617	27.041	1.333
600	7.154	34.601	27.083	1.387
650	6.622	34.583	27.142	1.439
700	6.189	34.574	27.192	1.489
750	5.831	34.569	27.233	1.536
800	5.560	34.562	27.262	1.582
900	4.907	34.564	27.340	1.670
1000	4.432	34.572	27.400	1.751
1019	4.329	34.574	27.412	1.765

CAST EP4-91-DI-011 DATE 25 NOV 91 TIME 1756 GMT
LAT 00 30.1N LONG 140 00.0W

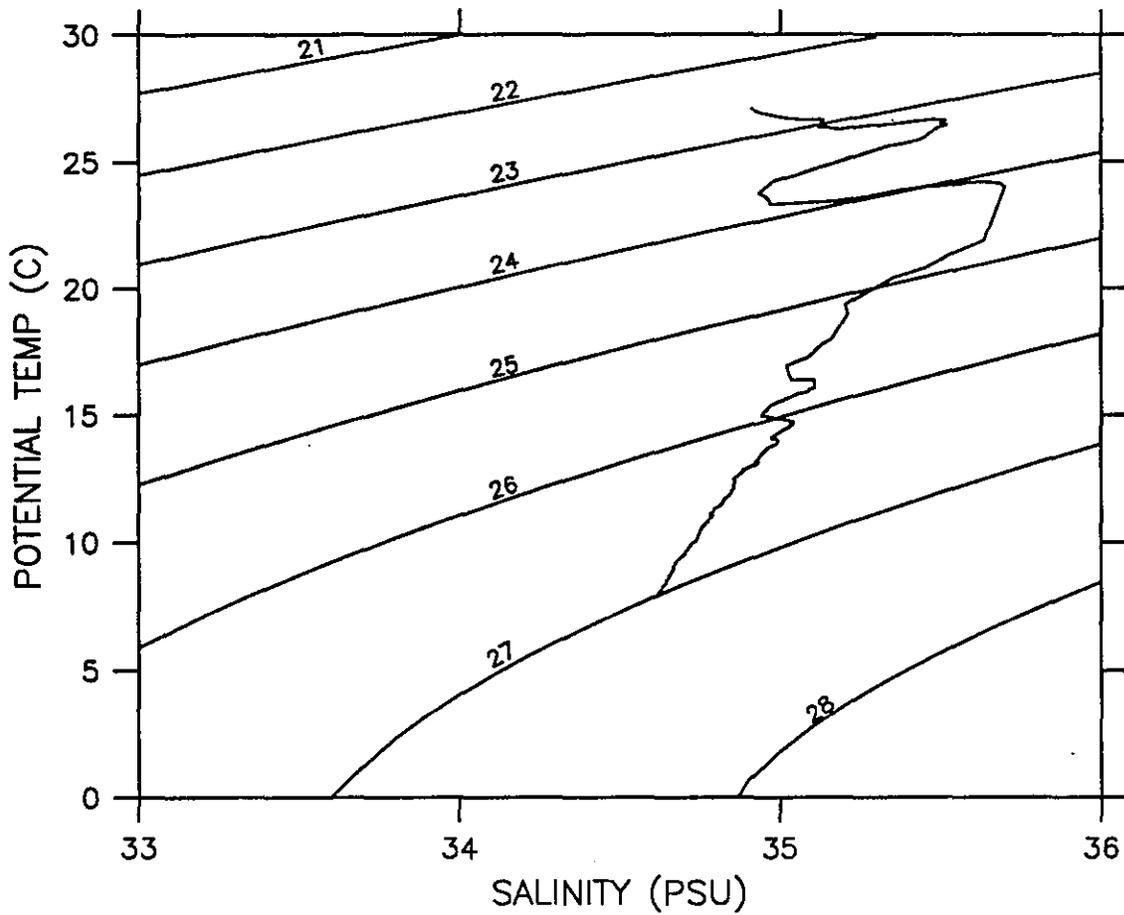


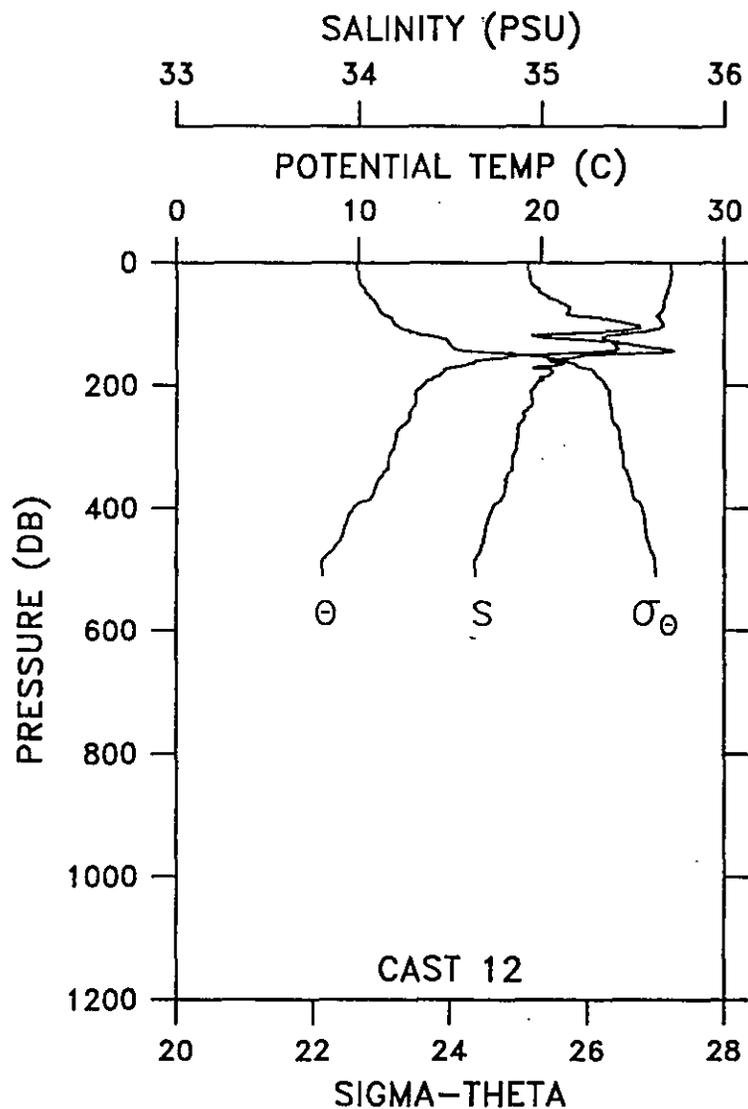
CAST EP4-91-DI-011 DATE 25 NOV 91 TIME 1758 GMT
 LAT 00 30.1N LONG 140 00.0W WEATHER 8 SEA STATE 4
 BAROMETER 10 WIND DIR 105 T SPD 20 KT VISIBILITY 6
 CLOUD 9 AMOUNT 8 DRY 24.8 WET 24.5 DEPTH 4346 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.458	34.812	22.431	0.000
10	27.451	34.811	22.433	0.054
20	27.449	34.811	22.433	0.108
30	27.437	34.809	22.436	0.162
40	27.422	34.809	22.441	0.216
50	27.125	34.795	22.525	0.270
60	26.225	34.718	22.752	0.323
70	25.533	34.616	22.890	0.373
80	25.413	34.673	22.970	0.423
90	25.484	34.857	23.087	0.471
100	25.127	34.973	23.284	0.519
110	24.515	34.973	23.469	0.564
120	22.453	34.942	24.048	0.607
130	21.387	35.024	24.407	0.645
140	20.332	35.114	24.762	0.679
150	18.078	35.018	25.268	0.708
160	15.377	34.938	25.842	0.732
170	14.513	34.897	25.999	0.753
180	14.430	34.915	26.031	0.773
190	13.796	34.846	26.111	0.793
200	13.070	34.850	26.264	0.812
250	12.151	34.875	26.463	0.898
300	11.914	34.860	26.497	0.978
350	11.268	34.827	26.592	1.057
400	10.065	34.732	26.732	1.132
450	8.440	34.662	26.942	1.195
500	8.029	34.638	26.985	1.253
550	7.705	34.624	27.023	1.310
600	7.395	34.612	27.057	1.366
650	6.800	34.590	27.124	1.420
700	6.171	34.573	27.193	1.469
750	5.885	34.569	27.227	1.517
800	5.615	34.565	27.258	1.563
900	4.883	34.563	27.343	1.650
1000	4.483	34.571	27.394	1.730
1008	4.462	34.573	27.397	1.736

CAST EP4-91-DI -012 DATE 26 NOV 91 TIME 0325 GMT
LAT 00 00.4N LONG 140 02.2W

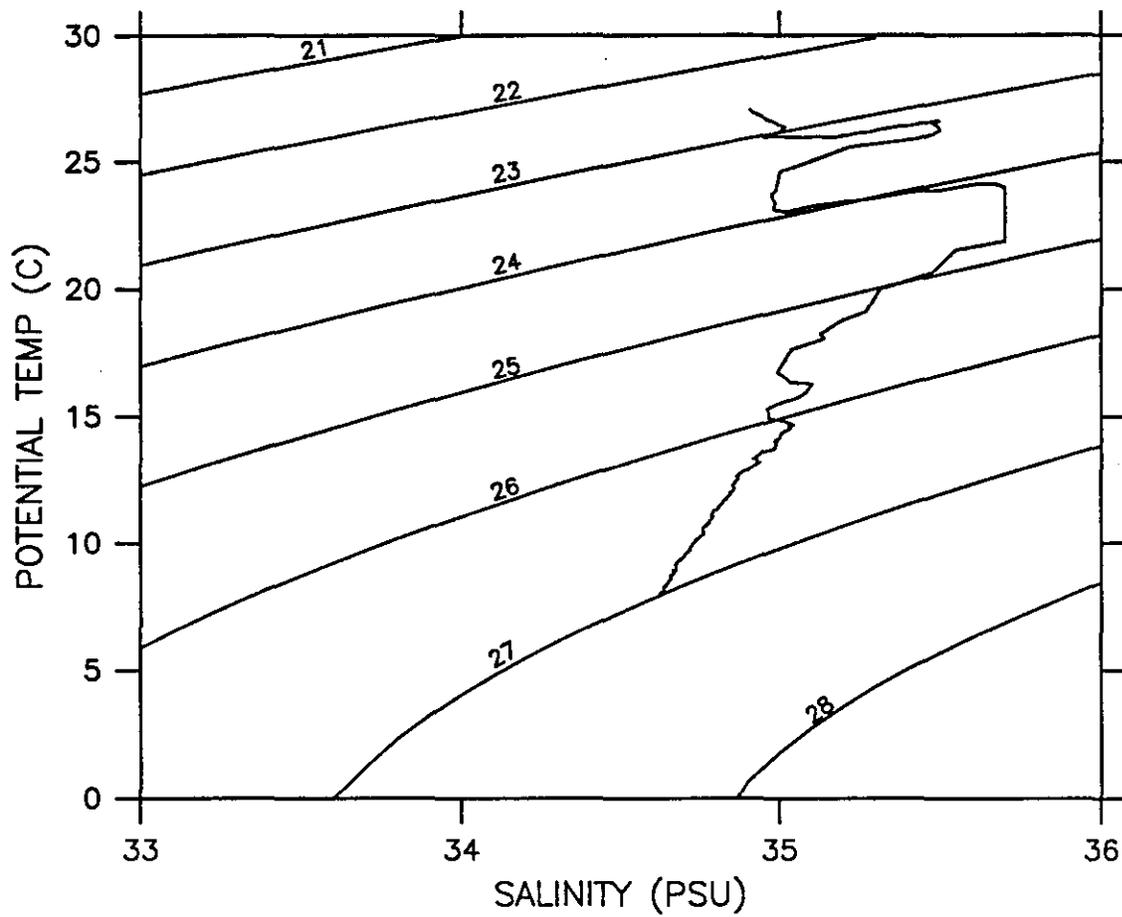




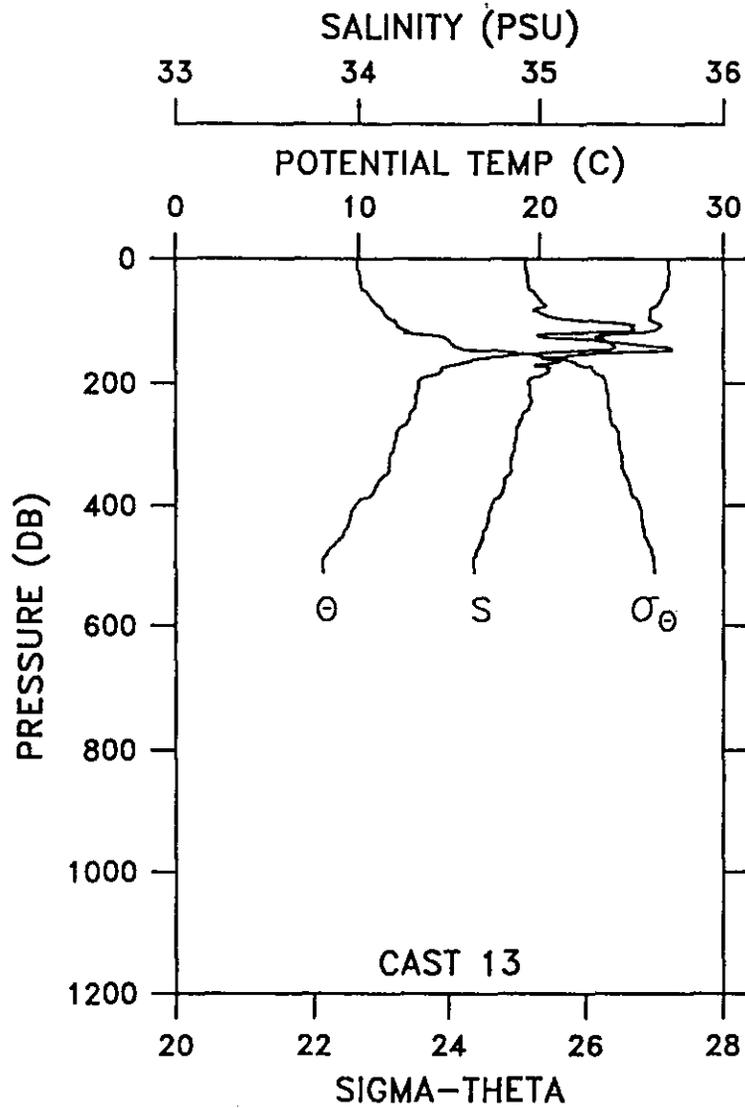
CAST EP4--91--DI --012 DATE 26 NOV 91 TIME 0325 GMT
 LAT 00 00.4N LONG 140 02.2W WEATHER 1 SEA STATE 4
 BAROMETER 07 WIND DIR 100 T SPD 17 KT VISIBILITY 8
 CLOUD 8 AMOUNT 5 DRY 27.0 WET 24.3 DEPTH 4292 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.053	34.929	22.649	0.000
10	27.055	34.929	22.648	0.052
20	27.035	34.932	22.657	0.104
30	26.993	34.940	22.677	0.156
40	26.891	34.968	22.731	0.207
50	26.802	34.998	22.781	0.258
60	26.664	35.074	22.883	0.309
70	26.651	35.142	22.937	0.359
80	26.535	35.148	22.979	0.408
90	26.401	35.327	23.156	0.456
100	26.644	35.479	23.194	0.504
110	25.935	35.469	23.409	0.550
120	23.590	34.973	23.744	0.594
130	23.893	35.421	23.994	0.634
140	24.204	35.641	24.068	0.674
150	20.404	35.372	24.940	0.709
160	16.573	35.045	25.650	0.736
170	15.367	34.986	25.881	0.758
180	14.581	35.053	26.105	0.778
190	14.043	35.006	26.183	0.798
200	13.568	34.969	26.254	0.816
250	12.827	34.907	26.356	0.904
300	11.982	34.865	26.488	0.986
350	11.142	34.804	26.598	1.065
400	9.718	34.732	26.791	1.137
450	9.030	34.686	26.868	1.202
500	8.021	34.640	26.988	1.262
510	8.005	34.640	26.990	1.274

CAST EP4-91-DI -013 DATE 26 NOV 91 TIME 0422 GMT
LAT 00 02.1N LONG 140 02.1W

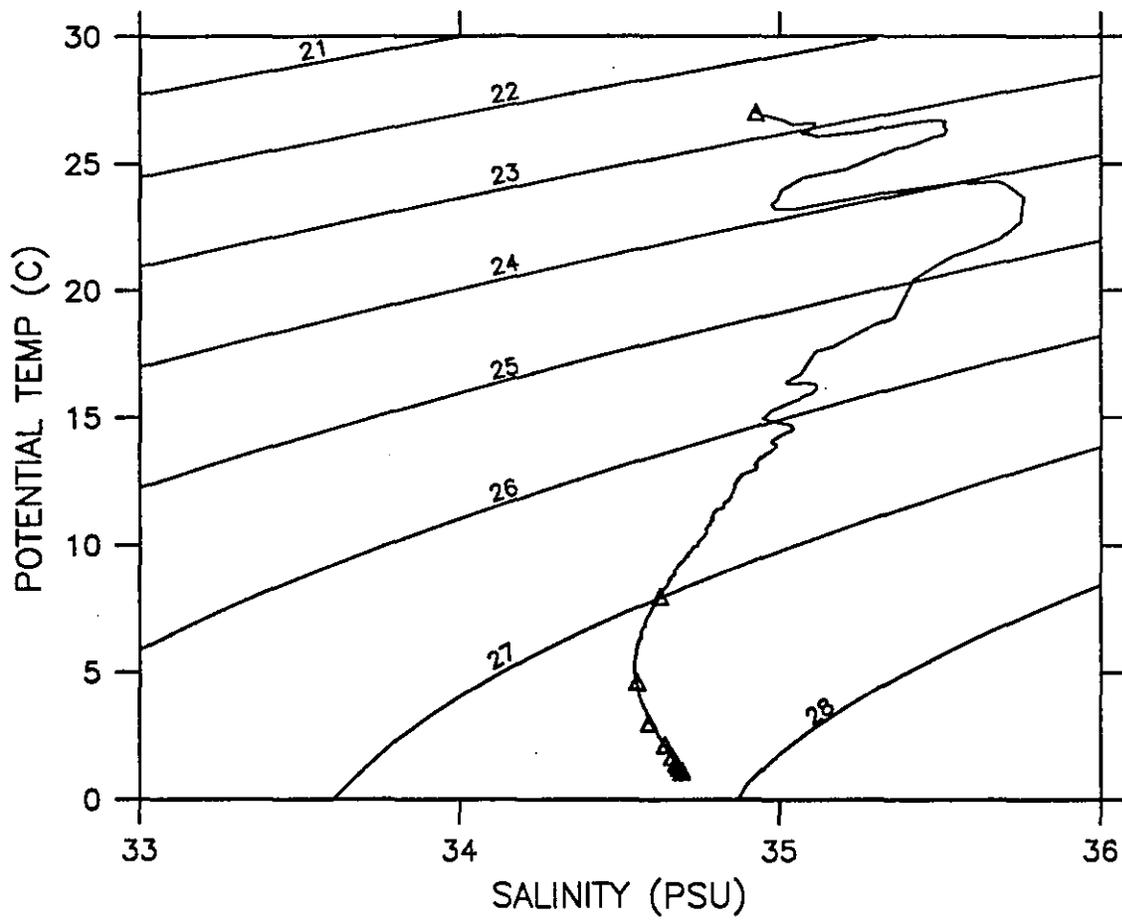


CAST EP4-91-DI -013 DATE 28 NOV 91 TIME 0422 GMT
 LAT 00 02.1N LONG 140 02.1W WEATHER 1 SEA STATE 4
 BAROMETER 07 WIND DIR 100 T SPD 15 KT VISIBILITY 8
 CLOUD 8 AMOUNT 3 DRY 27.0 WET 24.2 DEPTH 4313 M

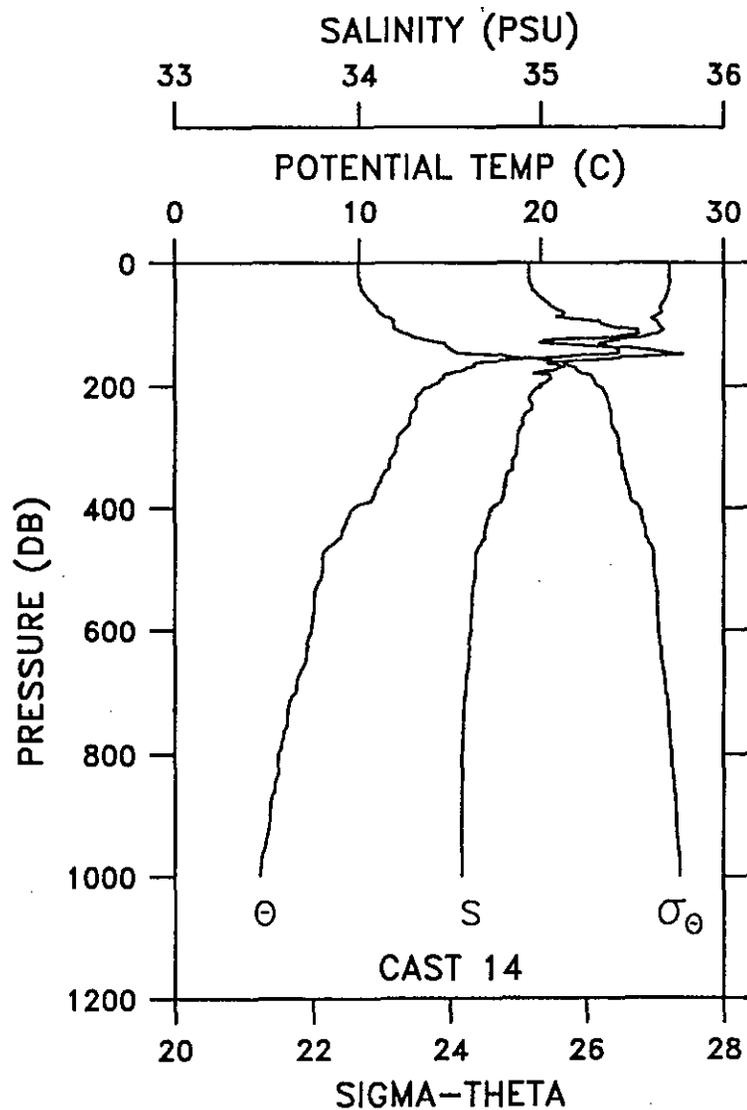


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.033	34.925	22.653	0.000
10	27.036	34.924	22.652	0.052
20	27.015	34.927	22.660	0.104
30	26.972	34.931	22.677	0.156
40	26.953	34.933	22.685	0.207
50	26.828	34.953	22.739	0.259
60	26.621	34.987	22.831	0.310
70	26.459	35.012	22.900	0.360
80	26.013	34.974	23.011	0.409
90	25.980	35.034	23.067	0.458
100	26.157	35.300	23.213	0.508
110	26.434	35.502	23.278	0.552
120	24.607	35.020	23.477	0.598
130	23.499	35.292	24.012	0.639
140	24.118	35.638	24.091	0.678
150	20.361	35.430	24.995	0.713
160	16.559	35.032	25.643	0.740
170	15.317	34.978	25.886	0.763
180	14.565	35.050	26.106	0.783
190	13.612	34.963	26.240	0.802
200	13.304	34.933	26.280	0.820
250	12.847	34.908	26.353	0.908
300	11.983	34.863	26.486	0.991
350	11.492	34.832	26.555	1.071
400	9.790	34.735	26.781	1.144
450	9.116	34.690	26.857	1.209
500	8.004	34.639	26.990	1.269
511	8.004	34.639	26.990	1.282

CAST EP4-91-DI -014 DATE 26 NOV 91 TIME 0643 GMT
LAT 00 00.0N LONG 140 03.5W

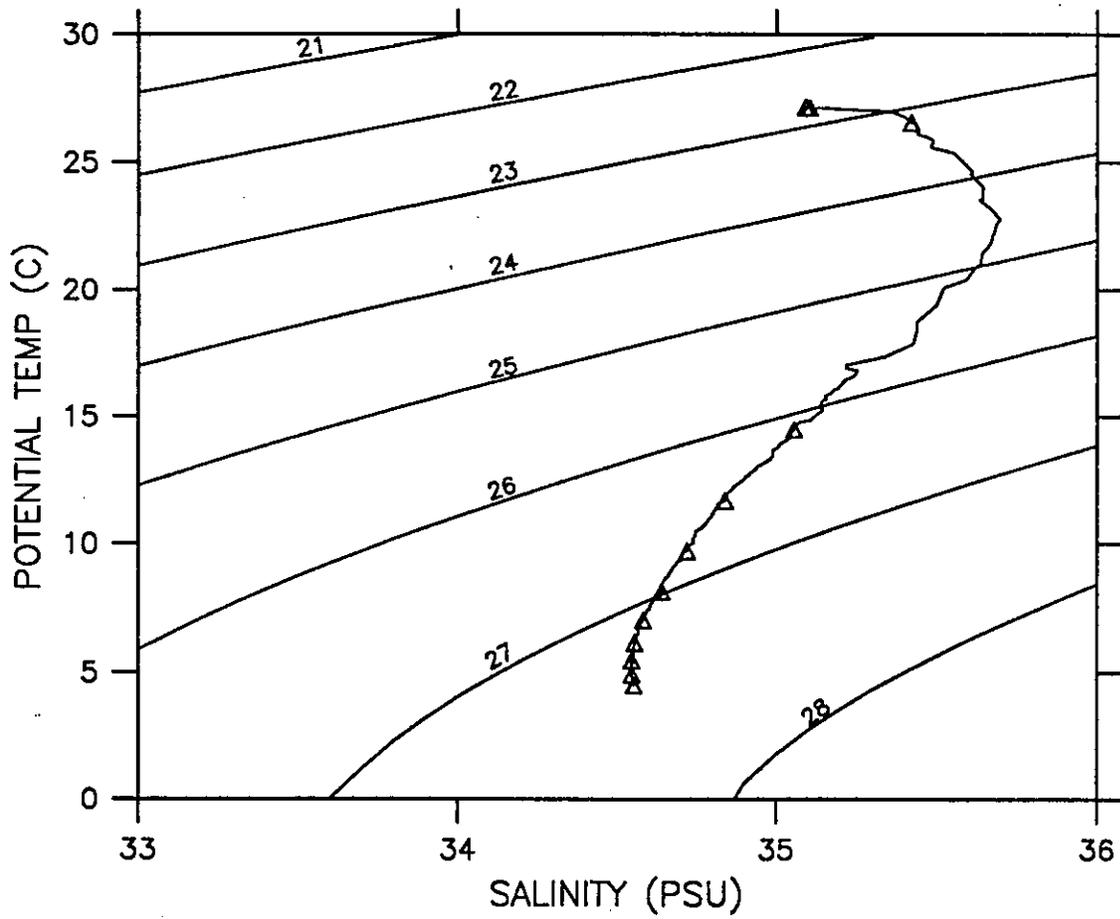


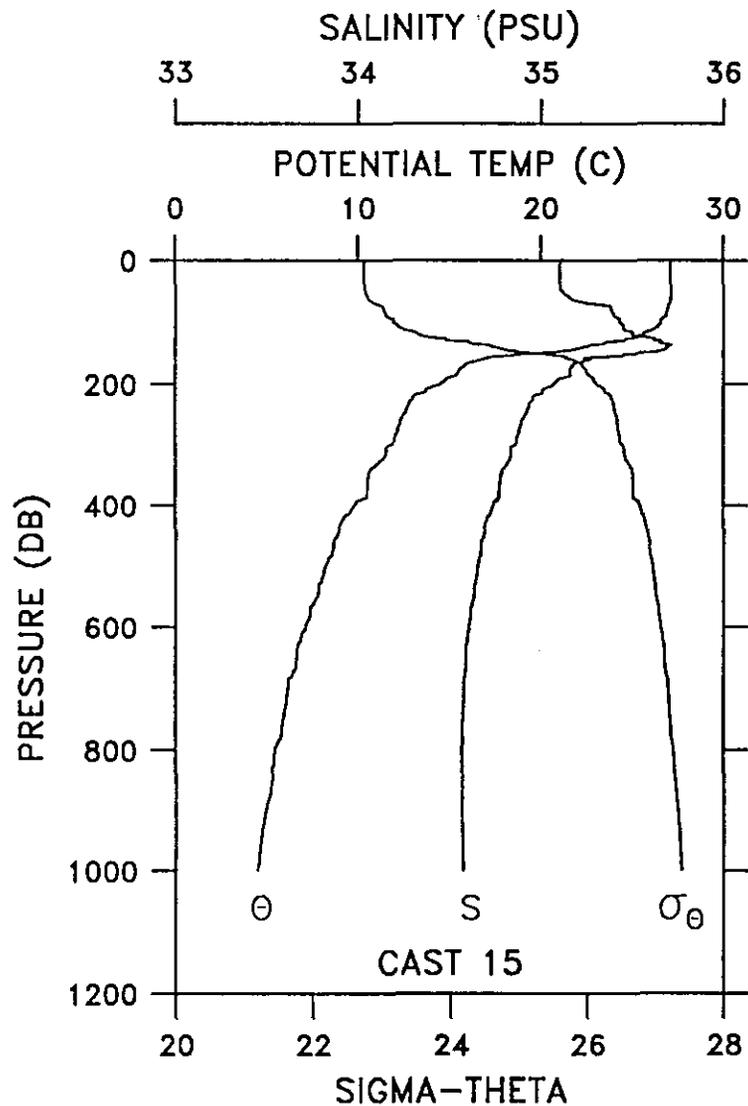
CAST EP4-91-DI-014 DATE 26 NOV 91 TIME 0643 GMT
 LAT 00 00.0N LONG 140 03.5W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 110 T SPD 14 KT VISIBILITY 7
 CLOUD X AMOUNT 2 DRY 26.4 WET 23.8 DEPTH 4309 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.043	34.935	22.657	0.000
10	27.046	34.935	22.656	0.052
20	27.047	34.935	22.656	0.104
30	27.043	34.936	22.658	0.156
40	26.985	34.950	22.687	0.208
50	26.895	34.975	22.734	0.259
60	26.755	35.016	22.810	0.310
70	26.572	35.050	22.894	0.360
80	26.587	35.124	22.944	0.410
90	26.068	35.131	23.113	0.459
100	26.448	35.353	23.161	0.506
110	26.641	35.534	23.237	0.554
120	25.661	35.407	23.448	0.600
130	23.223	35.006	23.875	0.643
140	24.240	35.563	23.998	0.683
150	22.011	35.704	24.751	0.721
160	17.580	35.128	25.474	0.750
170	15.906	35.112	25.856	0.773
180	14.845	34.993	26.001	0.794
190	14.451	35.047	26.128	0.814
200	13.980	34.998	26.191	0.833
250	12.798	34.905	26.360	0.921
300	12.050	34.869	26.479	1.005
350	11.263	34.810	26.580	1.084
400	9.723	34.730	26.789	1.158
450	8.799	34.680	26.900	1.222
500	8.004	34.638	26.989	1.280
550	7.586	34.620	27.036	1.337
600	7.443	34.614	27.052	1.392
650	7.084	34.600	27.092	1.446
700	6.546	34.584	27.153	1.498
750	6.101	34.573	27.202	1.547
800	5.639	34.566	27.255	1.594
900	5.140	34.561	27.311	1.683
1000	4.661	34.566	27.370	1.767
1500	3.015	34.615	27.578	2.119
2000	2.163	34.655	27.682	2.395
2500	1.692	34.678	27.738	2.637
3000	1.444	34.690	27.765	2.861
3500	1.269	34.698	27.785	3.082
4000	1.104	34.708	27.804	3.294
4121	1.088	34.708	27.804	3.345

CAST EP4-91-DI -015 DATE 26 NOV 91 TIME 1144 GMT
LAT 00 30.1S LONG 139 59.7W

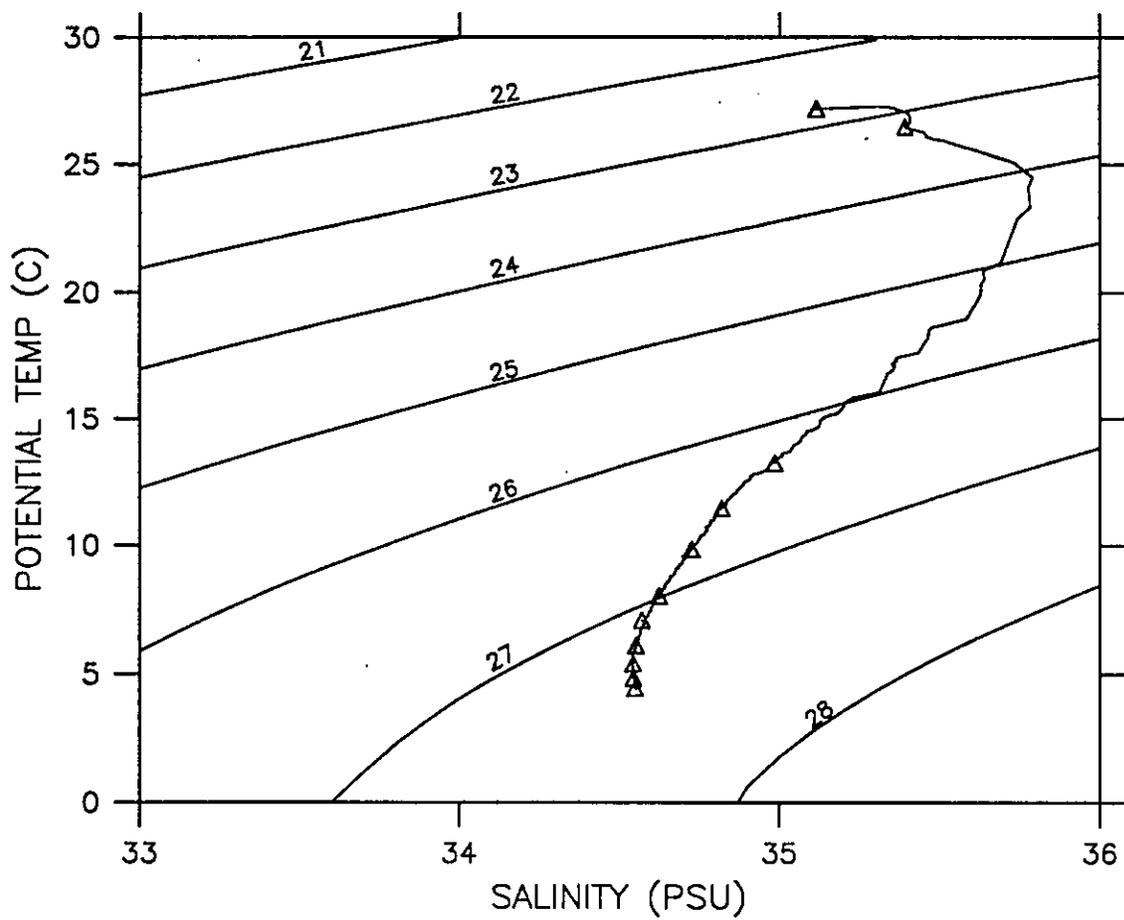




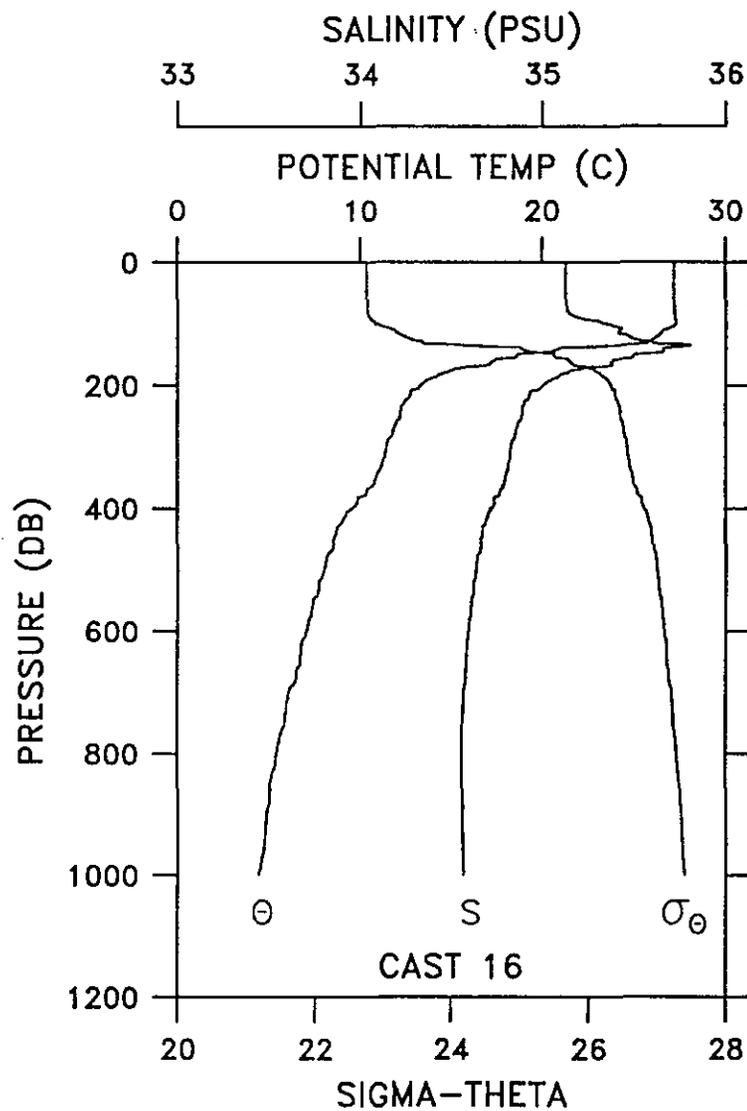
CAST EP4-91-DI -015 DATE 26 NOV 91 TIME 1144 GMT
 LAT 00 30.1S LONG 139 59.7W WEATHER 1 SEA STATE 3
 BAROMETER 08 WIND DIR 115 T SPD 18 KT VISIBILITY 8
 CLOUD 6 AMOUNT 3 DRY 26.2 WET 23.3 DEPTH 4291 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.108	35.105	22.764	0.000
10	27.126	35.104	22.758	0.051
20	27.124	35.104	22.759	0.102
30	27.121	35.104	22.760	0.153
40	27.120	35.104	22.760	0.204
50	27.119	35.112	22.766	0.255
60	27.109	35.149	22.797	0.306
70	27.044	35.263	22.904	0.356
80	26.920	35.385	23.035	0.405
90	26.830	35.400	23.076	0.454
100	26.571	35.429	23.180	0.501
110	26.278	35.454	23.291	0.548
120	25.591	35.501	23.540	0.593
130	24.541	35.621	23.952	0.635
140	22.404	35.699	24.636	0.671
150	20.101	35.536	25.145	0.702
160	16.814	35.270	25.767	0.727
170	15.790	35.171	25.928	0.749
180	15.444	35.157	25.995	0.770
190	14.853	35.124	26.101	0.790
200	14.440	35.068	26.147	0.810
250	12.451	34.910	26.432	0.896
300	11.723	34.854	26.529	0.978
350	10.572	34.780	26.681	1.053
400	9.806	34.738	26.781	1.124
450	8.816	34.681	26.898	1.188
500	8.203	34.650	26.969	1.249
550	7.768	34.630	27.018	1.307
600	7.159	34.602	27.083	1.361
650	6.658	34.585	27.139	1.413
700	6.172	34.573	27.193	1.463
750	5.895	34.570	27.226	1.511
800	5.489	34.560	27.269	1.557
900	4.960	34.563	27.333	1.645
1000	4.506	34.568	27.389	1.726
1006	4.489	34.569	27.392	1.730

CAST EP4-91-DI -016 DATE 26 NOV 91 TIME 1527 GMT
LAT 00 59.9N LONG 139 59.8W

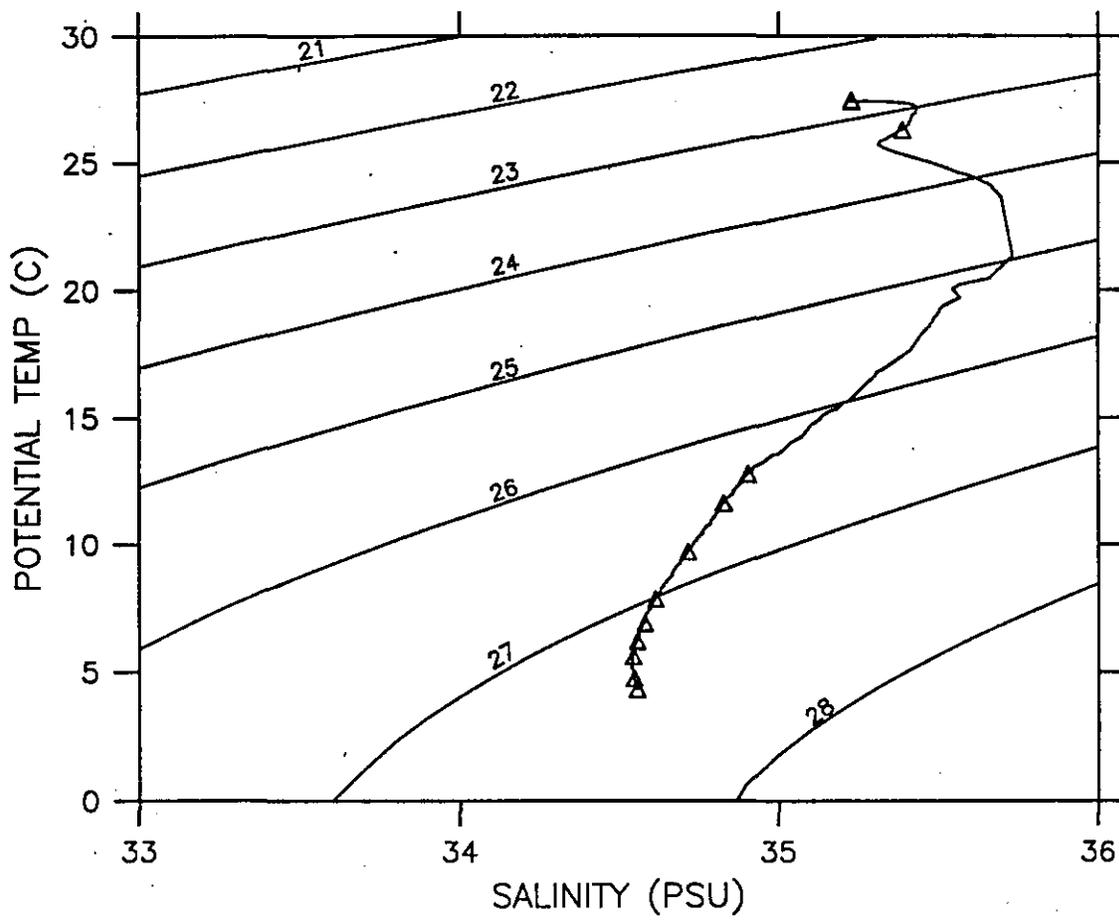


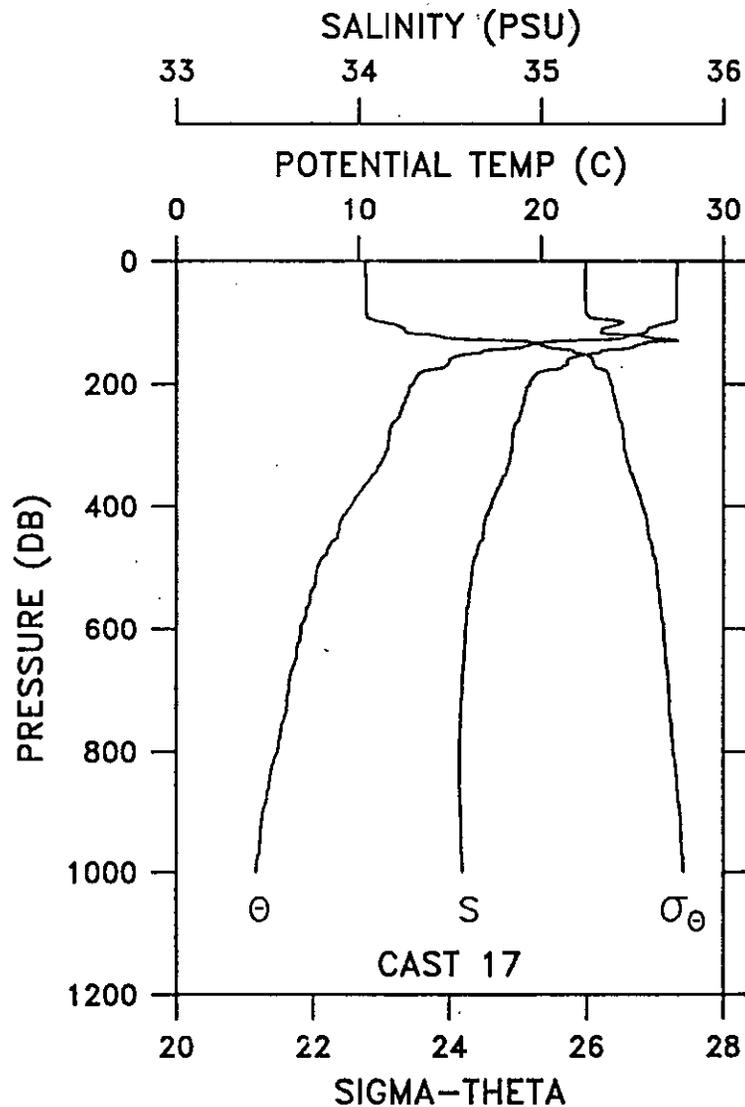
CAST EP4-91-DI -016 DATE 26 NOV 91 TIME 1527 GMT
 LAT 00 59.9M S LONG 139 59.8W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 125 T SPD 19 KT VISIBILITY 8
 CLOUD 8 AMOUNT 3 DRY 26.5 WET 23.5 DEPTH 4268 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.172	35.130	22.763	0.000
10	27.172	35.130	22.763	0.051
20	27.171	35.129	22.763	0.102
30	27.168	35.130	22.764	0.153
40	27.167	35.130	22.764	0.204
50	27.167	35.129	22.764	0.255
60	27.167	35.130	22.764	0.306
70	27.166	35.130	22.765	0.357
80	27.178	35.143	22.771	0.408
90	27.207	35.212	22.813	0.459
100	27.211	35.369	22.930	0.509
110	26.545	35.416	23.178	0.558
120	26.214	35.473	23.325	0.605
130	25.667	35.599	23.591	0.649
140	20.830	35.656	25.041	0.685
150	18.624	35.496	25.497	0.713
160	17.312	35.386	25.736	0.737
170	15.849	35.248	25.974	0.759
180	14.542	35.119	26.164	0.779
190	13.823	35.055	26.268	0.798
200	13.352	35.004	26.326	0.815
250	12.211	34.888	26.462	0.899
300	11.459	34.829	26.559	0.978
350	10.877	34.800	26.642	1.053
400	9.553	34.714	26.804	1.123
450	8.565	34.667	26.927	1.186
500	8.004	34.638	26.989	1.245
550	7.419	34.612	27.054	1.301
600	7.034	34.597	27.097	1.355
650	6.676	34.585	27.136	1.406
700	6.062	34.571	27.206	1.456
750	5.844	34.564	27.228	1.503
800	5.415	34.561	27.279	1.549
900	4.850	34.563	27.346	1.634
1000	4.432	34.571	27.399	1.715
1012	4.413	34.571	27.401	1.725

CAST EP4-91-DI -017 DATE 26 NOV 91 TIME 1908 GMT
LAT 01 30.0S LONG 140 00.0W

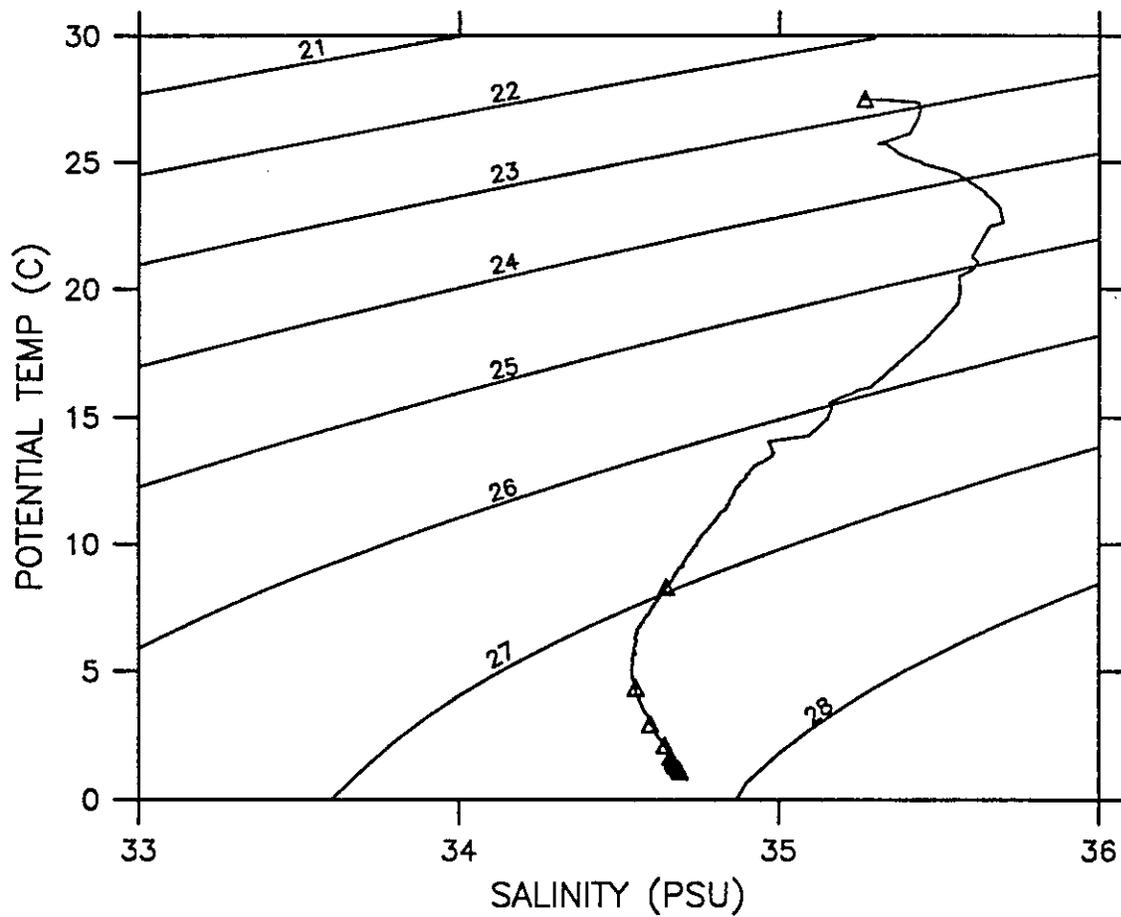


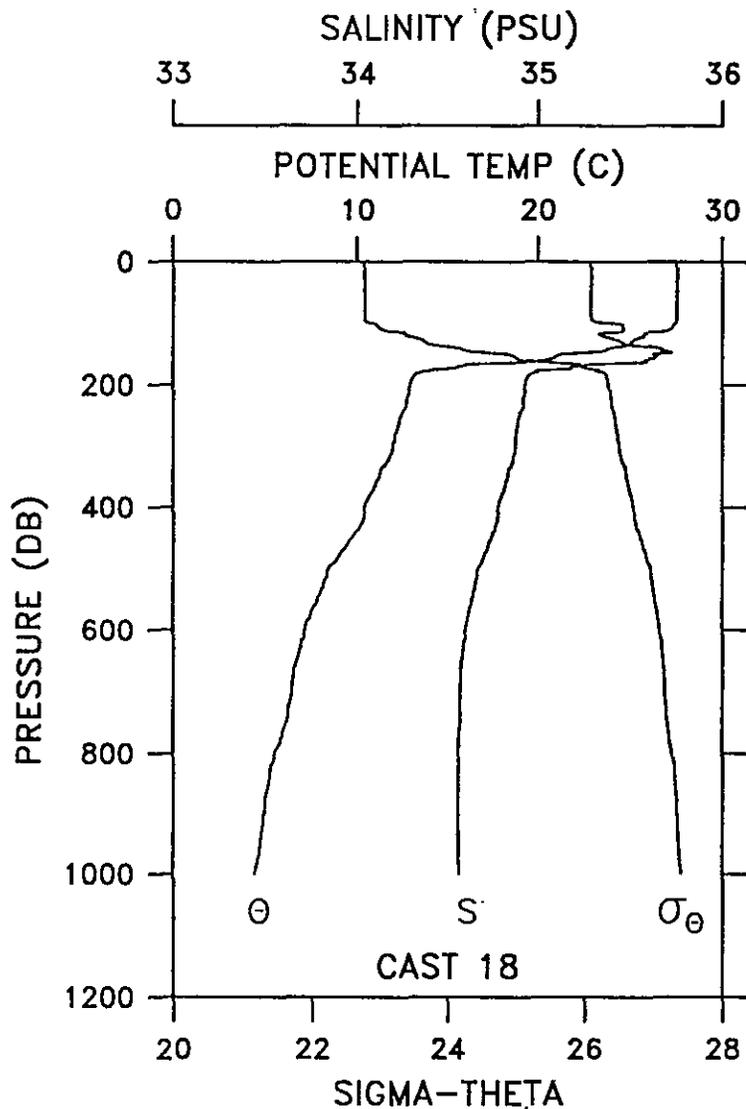


CAST EP4-91-DI -017 DATE 26 NOV 91 TIME 1908 GMT
 LAT 01 30.0S LONG 140 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 100 T SPD 17 KT VISIBILITY 8
 CLOUD 8 AMOUNT 1 DRY 27.7 WET 24.0 DEPTH 4326 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.424	35.241	22.765	0.000
10	27.427	35.241	22.764	0.051
20	27.419	35.241	22.767	0.102
30	27.403	35.239	22.771	0.153
40	27.398	35.239	22.773	0.203
50	27.394	35.240	22.774	0.254
60	27.394	35.239	22.774	0.305
70	27.394	35.241	22.775	0.356
80	27.394	35.241	22.775	0.407
90	27.396	35.262	22.790	0.458
100	26.890	35.433	23.081	0.508
110	25.835	35.331	23.336	0.555
120	24.888	35.515	23.766	0.600
130	20.468	35.673	25.151	0.638
140	18.900	35.494	25.426	0.665
150	16.284	35.281	25.899	0.688
160	15.007	35.144	26.082	0.708
170	14.776	35.121	26.115	0.728
180	13.459	34.989	26.292	0.746
190	13.166	34.954	26.325	0.764
200	12.993	34.937	26.346	0.781
250	12.257	34.886	26.452	0.865
300	11.624	34.842	26.538	0.944
350	10.711	34.794	26.667	1.020
400	9.582	34.727	26.810	1.089
450	8.853	34.685	26.895	1.152
500	7.759	34.626	27.016	1.211
550	7.360	34.607	27.059	1.266
600	6.844	34.589	27.117	1.319
650	6.588	34.581	27.145	1.371
700	6.177	34.572	27.192	1.420
750	5.892	34.562	27.221	1.468
800	5.573	34.557	27.256	1.514
900	4.745	34.562	27.357	1.600
1000	4.355	34.573	27.409	1.680
1006	4.321	34.572	27.412	1.684

CAST EP4-91-DI -018 DATE 27 NOV 91 TIME 1219 GMT
LAT 02 00.0S LONG 139 59.9W

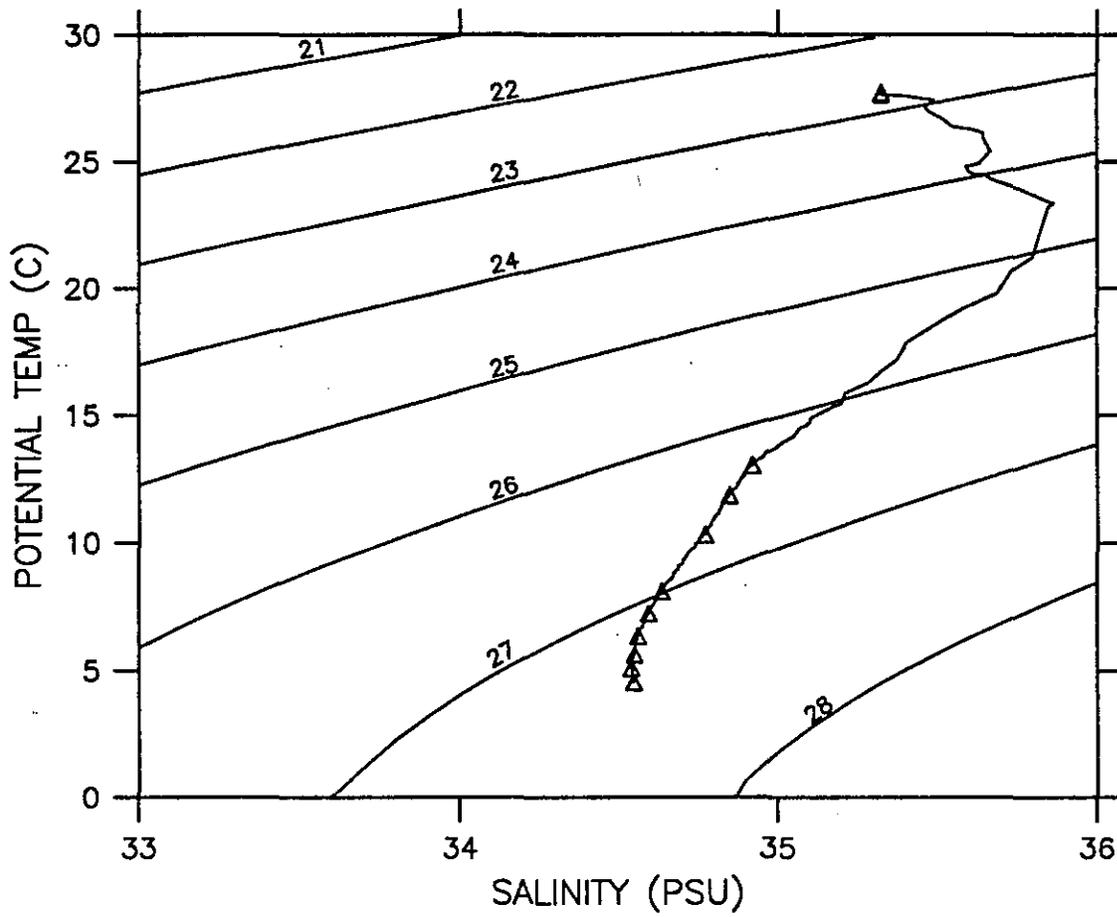




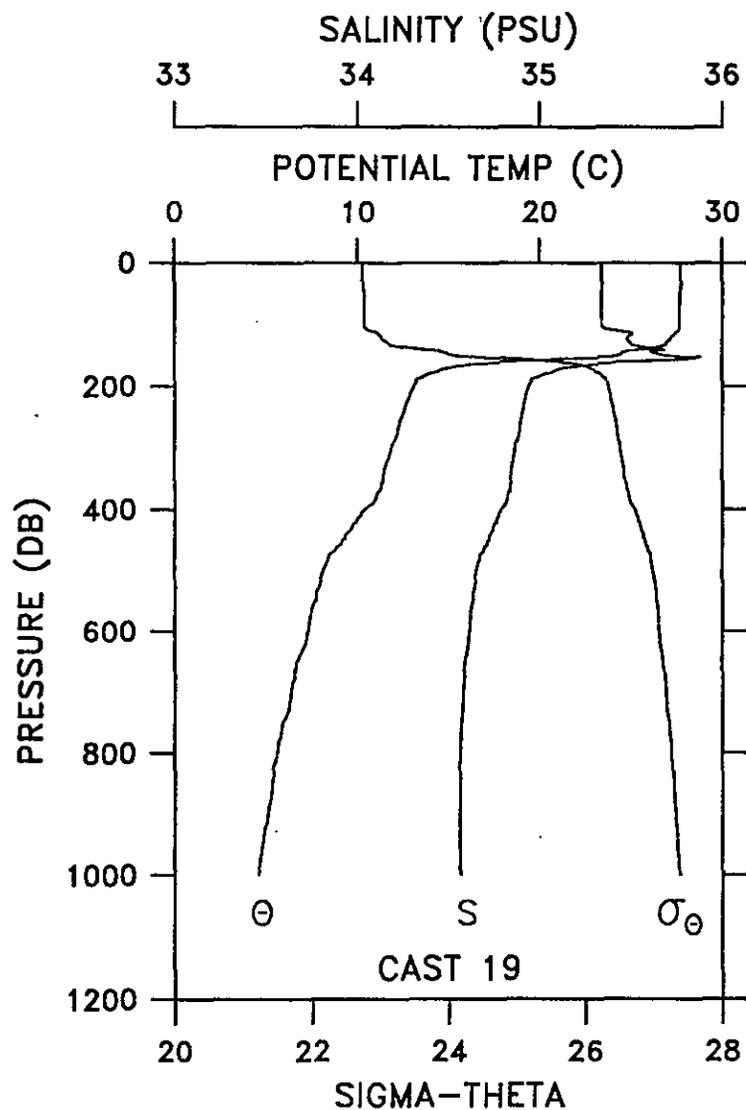
CAST EP4-91-DI -018 DATE 27 NOV 91 TIME 1219 GMT
 LAT 02 00.0S LONG 139 59.9W WEATHER 0 SEA STATE 2
 BAROMETER 09 WIND DIR 105 T SPD 11 KT VISIBILITY 8
 CLOUD 0 AMOUNT 1 DRY 26.0 WET 23.2 DEPTH 4250 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.518	35.287	22.770	0.000
10	27.522	35.286	22.768	0.051
20	27.522	35.286	22.768	0.102
30	27.514	35.286	22.770	0.152
40	27.512	35.286	22.770	0.203
50	27.511	35.285	22.770	0.254
60	27.505	35.285	22.772	0.305
70	27.501	35.284	22.773	0.356
80	27.498	35.284	22.774	0.407
90	27.495	35.287	22.777	0.459
100	27.413	35.421	22.904	0.510
110	27.104	35.462	23.035	0.559
120	25.737	35.351	23.382	0.605
130	25.063	35.451	23.664	0.649
140	23.872	35.659	24.180	0.691
150	21.272	35.624	24.896	0.726
160	20.188	35.585	25.159	0.756
170	15.727	35.202	25.966	0.780
180	13.487	34.994	26.290	0.799
190	13.067	34.937	26.331	0.817
200	12.941	34.930	26.351	0.834
250	12.405	34.896	26.431	0.918
300	11.961	34.875	26.500	1.000
350	11.214	34.833	26.607	1.078
400	10.421	34.783	26.710	1.151
450	9.692	34.742	26.803	1.220
500	8.396	34.670	26.955	1.283
550	7.807	34.638	27.018	1.342
600	7.136	34.603	27.087	1.396
650	6.657	34.579	27.134	1.449
700	6.389	34.571	27.164	1.499
750	6.096	34.571	27.202	1.548
800	5.489	34.560	27.268	1.595
900	4.905	34.559	27.337	1.681
1000	4.414	34.566	27.397	1.762
1500	3.018	34.616	27.577	2.109
2000	2.097	34.659	27.691	2.385
2500	1.655	34.680	27.742	2.624
3000	1.425	34.689	27.768	2.849
3500	1.216	34.701	27.791	3.066
4000	1.096	34.707	27.803	3.277
4014	1.094	34.707	27.804	3.283

CAST EP4-91-DI -019 DATE 28 NOV 91 TIME 0655 GMT
LAT 02 59.9S LONG 139 59.8W



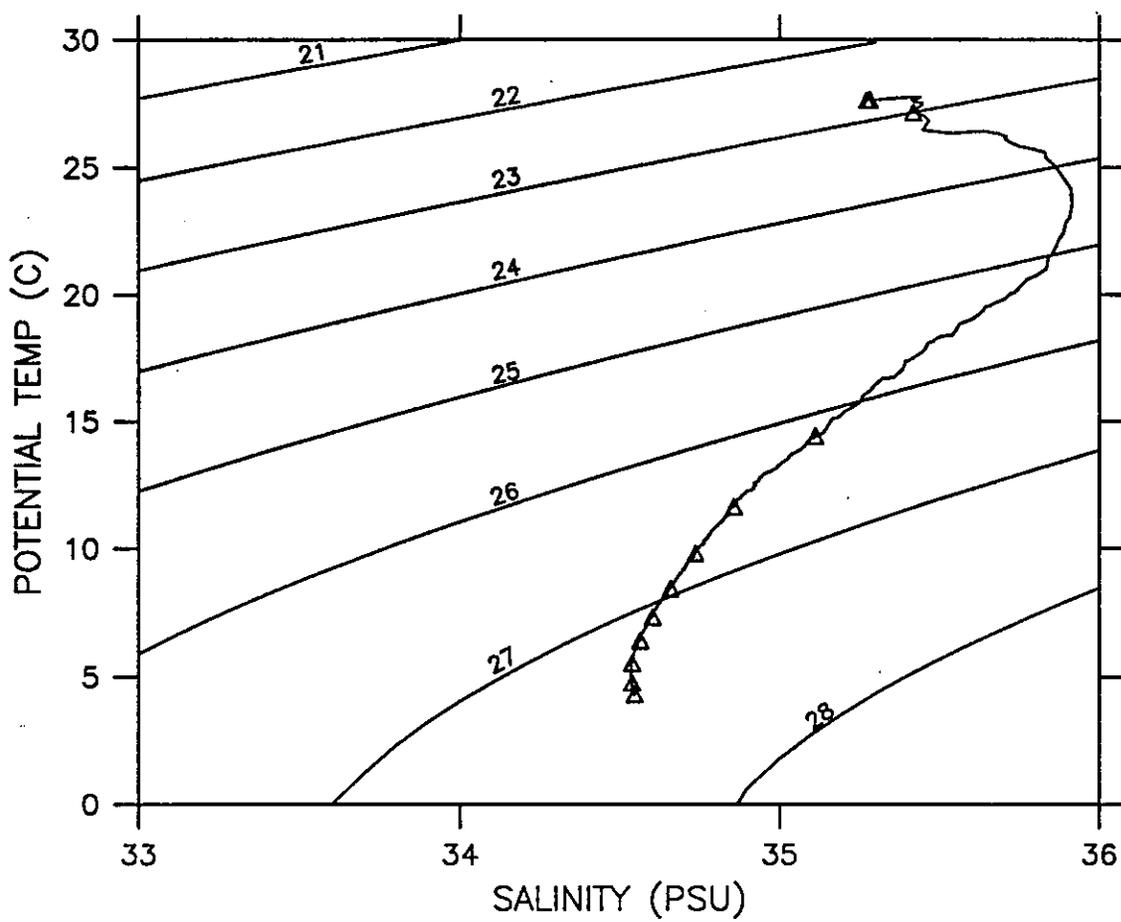
289

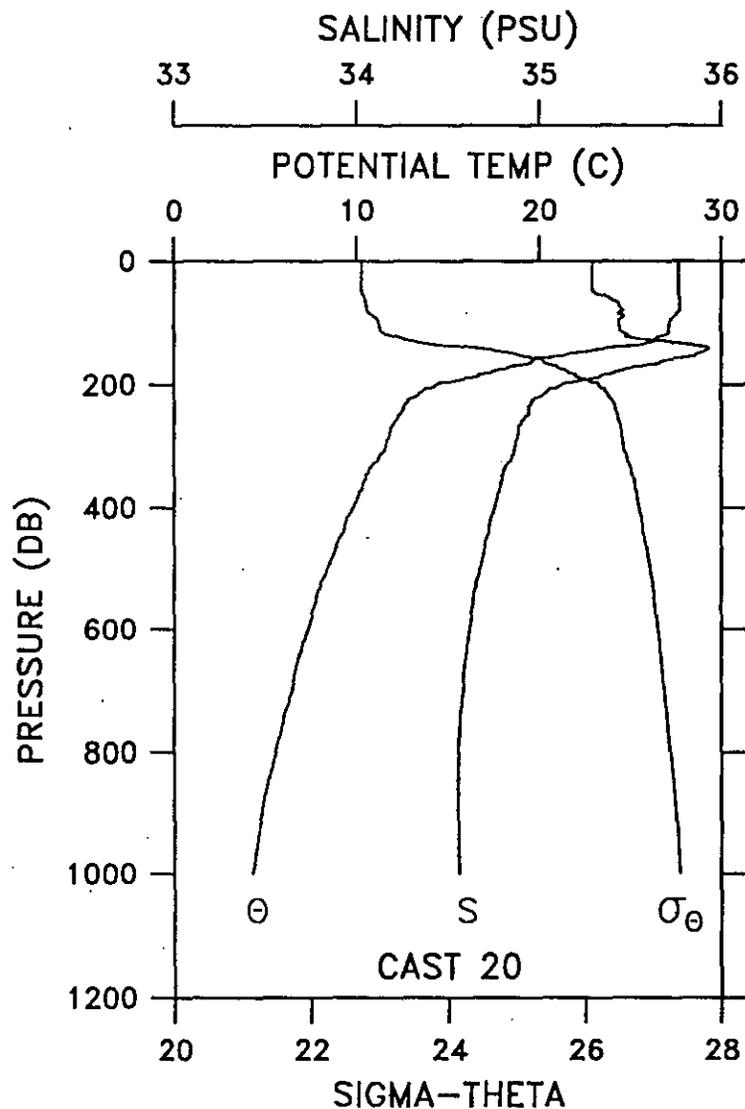


CAST EP4-91-DI -019 DATE 28 NOV 91 TIME 0655 GMT
 LAT 02 59.9S LONG 139 59.8W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 085 T SPD 18 KT VISIBILITY 8
 CLOUD X AMOUNT 2 DRY 26.6 WET 23.2 DEPTH 4509 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.729	35.342	22.742	0.000
10	27.724	35.341	22.743	0.051
20	27.730	35.341	22.742	0.102
30	27.730	35.341	22.741	0.153
40	27.721	35.340	22.744	0.204
50	27.671	35.338	22.758	0.256
60	27.667	35.338	22.760	0.307
70	27.664	35.338	22.761	0.358
80	27.663	35.338	22.761	0.409
90	27.661	35.339	22.762	0.460
100	27.657	35.340	22.765	0.512
110	27.519	35.456	22.897	0.563
120	27.204	35.480	23.016	0.612
130	26.917	35.500	23.123	0.660
140	25.404	35.682	23.735	0.706
150	24.197	35.708	24.120	0.747
160	17.840	35.419	25.634	0.777
170	15.013	35.138	26.076	0.799
180	13.910	35.029	26.229	0.818
190	13.241	34.955	26.310	0.836
200	13.069	34.938	26.331	0.853
250	12.417	34.900	26.432	0.938
300	11.860	34.883	26.510	1.019
350	11.404	34.840	26.578	1.097
400	10.373	34.785	26.720	1.172
450	9.159	34.719	26.873	1.239
500	8.098	34.651	26.985	1.299
550	7.681	34.631	27.032	1.356
600	7.276	34.615	27.077	1.410
650	6.684	34.592	27.141	1.463
700	6.357	34.578	27.173	1.514
750	5.918	34.569	27.223	1.563
800	5.607	34.564	27.258	1.609
900	5.098	34.561	27.316	1.697
1000	4.572	34.565	27.379	1.781
1007	4.538	34.565	27.382	1.786

CAST EP4-91-DI -020 DATE 28 NOV 91 TIME 1304 GMT
LAT 04 00.2S LONG 140 00.0W

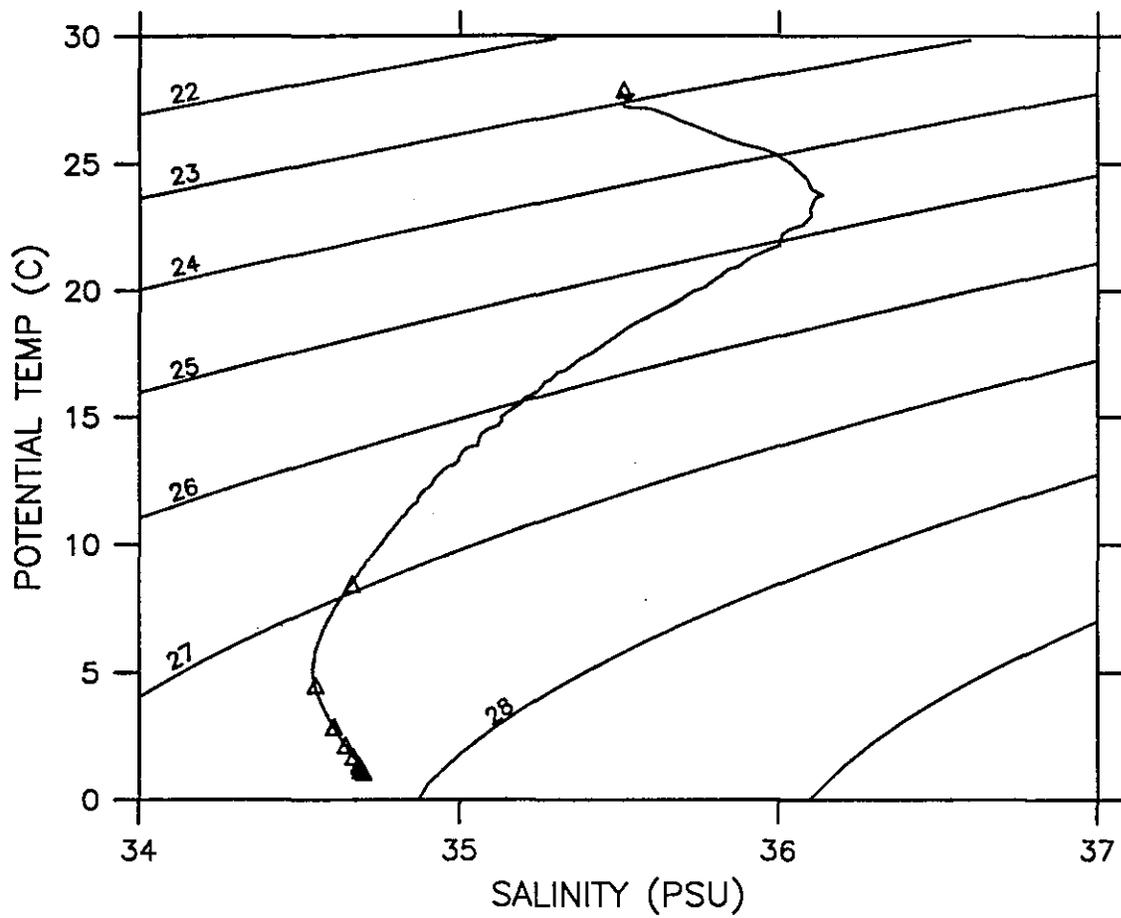


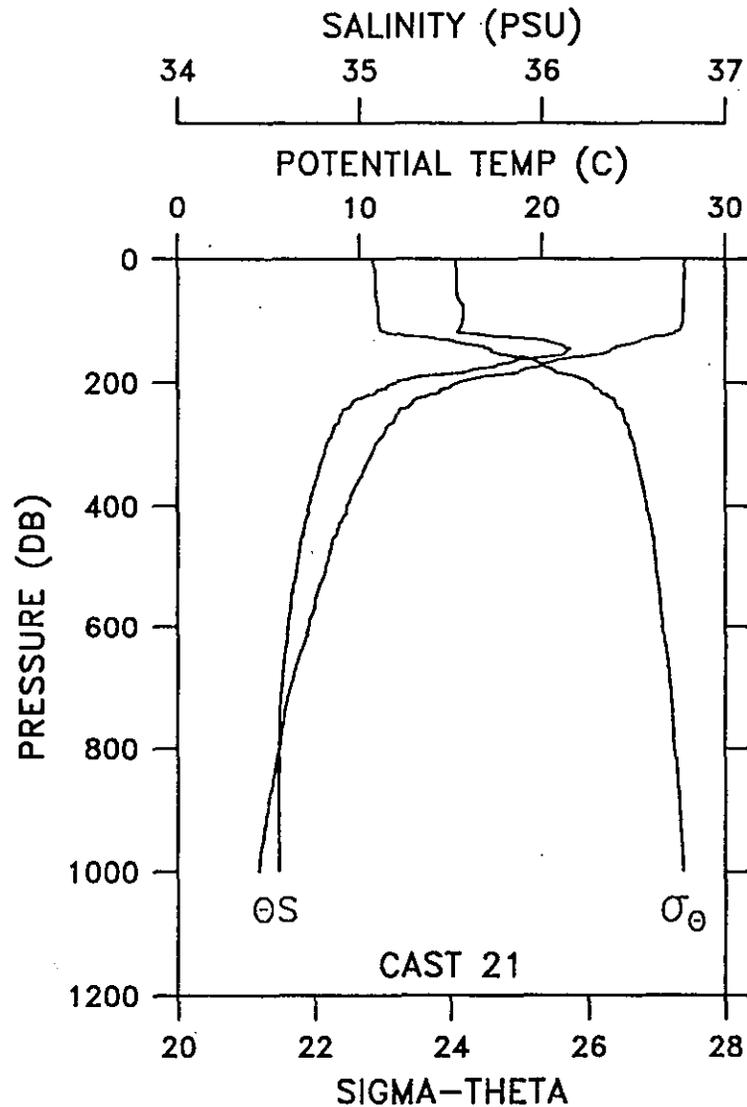


CAST EP4-91-DI-020 DATE 28 NOV 91 TIME 1304 GMT
 LAT 04 00.2S LONG 140 00.0W WEATHER 1 SEA STATE 4
 BAROMETER 09 WIND DIR 095 T SPD 16 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 26.6 WET 23.9 DEPTH 4475 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.629	35.288	22.734	0.000
10	27.629	35.288	22.734	0.051
20	27.628	35.288	22.735	0.102
30	27.628	35.288	22.735	0.153
40	27.628	35.288	22.735	0.205
50	27.630	35.303	22.745	0.256
60	27.701	35.385	22.784	0.307
70	27.733	35.435	22.811	0.358
80	27.738	35.460	22.828	0.409
90	27.416	35.462	22.934	0.459
100	27.175	35.437	22.993	0.508
110	27.130	35.444	23.012	0.557
120	26.809	35.486	23.147	0.606
130	26.208	35.725	23.518	0.652
140	23.860	35.930	24.389	0.693
150	21.608	35.870	24.990	0.725
160	19.691	35.695	25.375	0.754
170	18.403	35.559	25.601	0.780
180	17.363	35.411	25.744	0.803
190	15.989	35.276	25.963	0.825
200	14.375	35.125	26.205	0.845
250	12.294	34.928	26.477	0.930
300	11.589	34.864	26.562	1.009
350	10.500	34.792	26.703	1.083
400	9.813	34.750	26.789	1.152
450	9.094	34.712	26.878	1.216
500	8.400	34.669	26.954	1.278
550	7.807	34.636	27.017	1.336
600	7.338	34.615	27.068	1.391
650	6.808	34.591	27.123	1.444
700	6.478	34.579	27.158	1.496
750	5.999	34.562	27.207	1.545
800	5.572	34.554	27.254	1.592
900	4.840	34.552	27.338	1.678
1000	4.330	34.560	27.401	1.759
1010	4.274	34.561	27.408	1.766

CAST EP4-91-DI -021 DATE 28 NOV 91 TIME 2211 GMT
LAT 05 00.4S LONG 140 00.5W

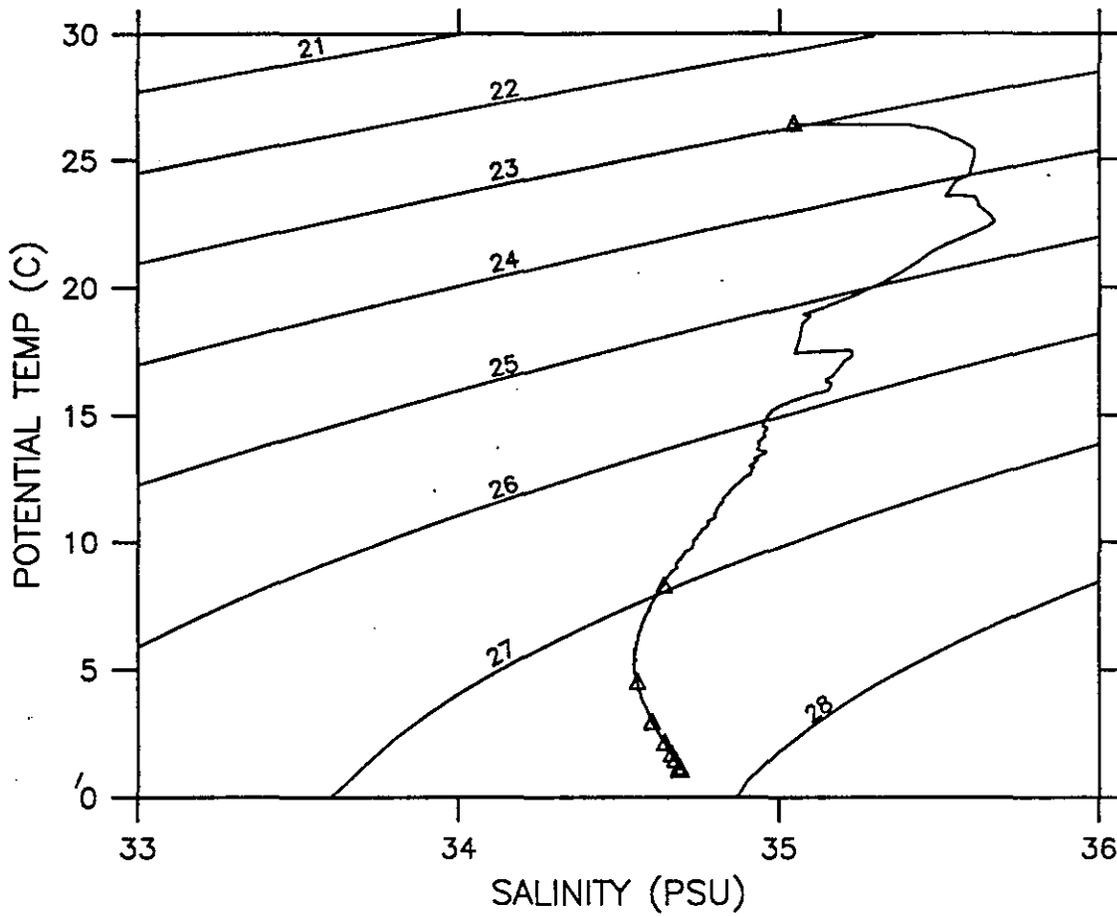




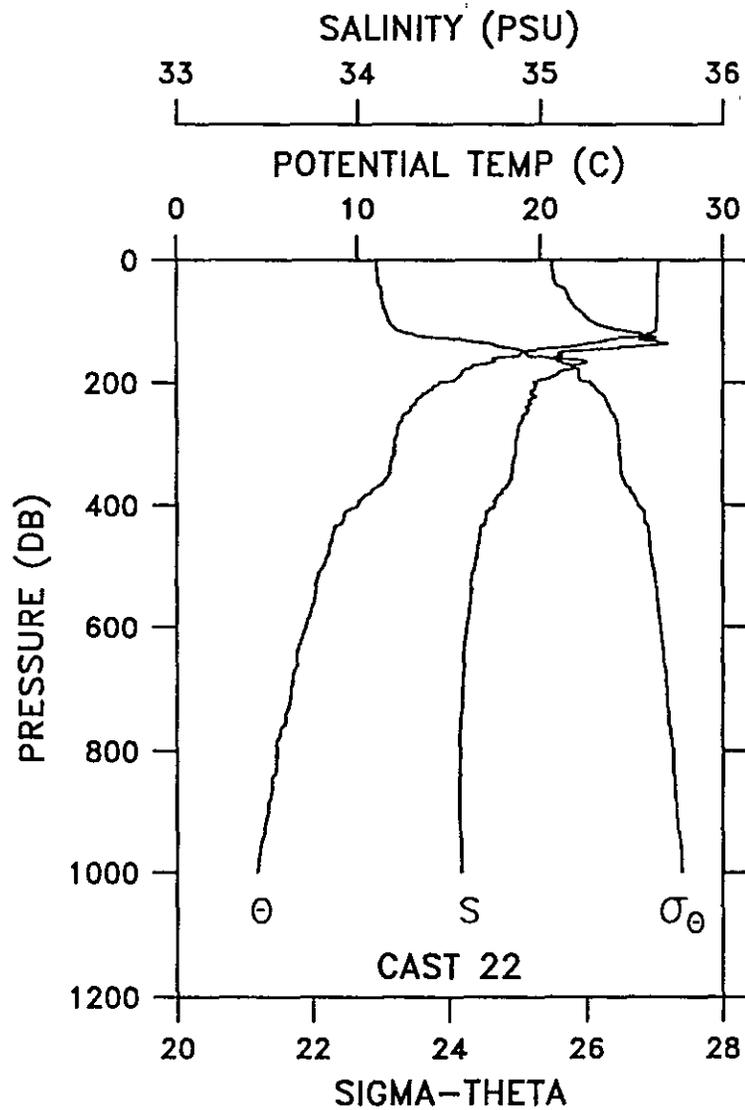
CAST EP4-91-DI-021 DATE 28 NOV 91 TIME 2211 GMT
 LAT 05 00.4S LONG 140 00.5W WEATHER 1 SEA STATE 3
 BAROMETER 85 WIND DIR 065 T SPD 18 KT VISIBILITY 9
 CLOUD 6 AMOUNT 3 DRY 28.1 WET 24.1 DEPTH 4373 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.788	35.533	22.867	0.000
10	27.751	35.532	22.878	0.050
20	27.713	35.531	22.889	0.100
30	27.698	35.531	22.895	0.149
40	27.696	35.531	22.896	0.199
50	27.691	35.532	22.898	0.249
60	27.692	35.536	22.900	0.298
70	27.689	35.555	22.916	0.348
80	27.667	35.569	22.933	0.398
90	27.660	35.569	22.936	0.447
100	27.643	35.566	22.939	0.497
110	27.544	35.554	22.962	0.547
120	27.166	35.602	23.120	0.596
130	25.556	35.974	23.908	0.640
140	24.260	36.111	24.407	0.678
150	23.613	36.131	24.614	0.713
160	21.572	35.977	25.082	0.745
170	20.015	35.763	25.341	0.773
180	18.940	35.613	25.506	0.799
190	16.739	35.326	25.827	0.823
200	15.418	35.196	26.031	0.844
250	12.078	34.902	26.499	0.934
300	10.861	34.819	26.660	1.010
350	10.122	34.771	26.752	1.080
400	9.320	34.722	26.849	1.146
450	8.593	34.682	26.934	1.208
500	8.123	34.653	26.983	1.267
550	7.591	34.625	27.040	1.324
600	7.212	34.607	27.080	1.378
650	6.652	34.584	27.139	1.431
700	6.169	34.571	27.193	1.481
750	5.846	34.561	27.225	1.528
800	5.614	34.558	27.252	1.575
900	4.952	34.553	27.327	1.662
1000	4.485	34.559	27.384	1.744
1500	2.844	34.617	27.594	2.086
2000	2.115	34.654	27.686	2.358
2500	1.680	34.678	27.739	2.600
3000	1.393	34.693	27.771	2.823
3500	1.230	34.700	27.789	3.038
4000	1.107	34.706	27.802	3.251
4159	1.054	34.709	27.808	3.318

CAST EP4-91-DI -022 DATE 30 NOV 91 TIME 0945 GMT
LAT 00 00.3S LONG 135 00.4W

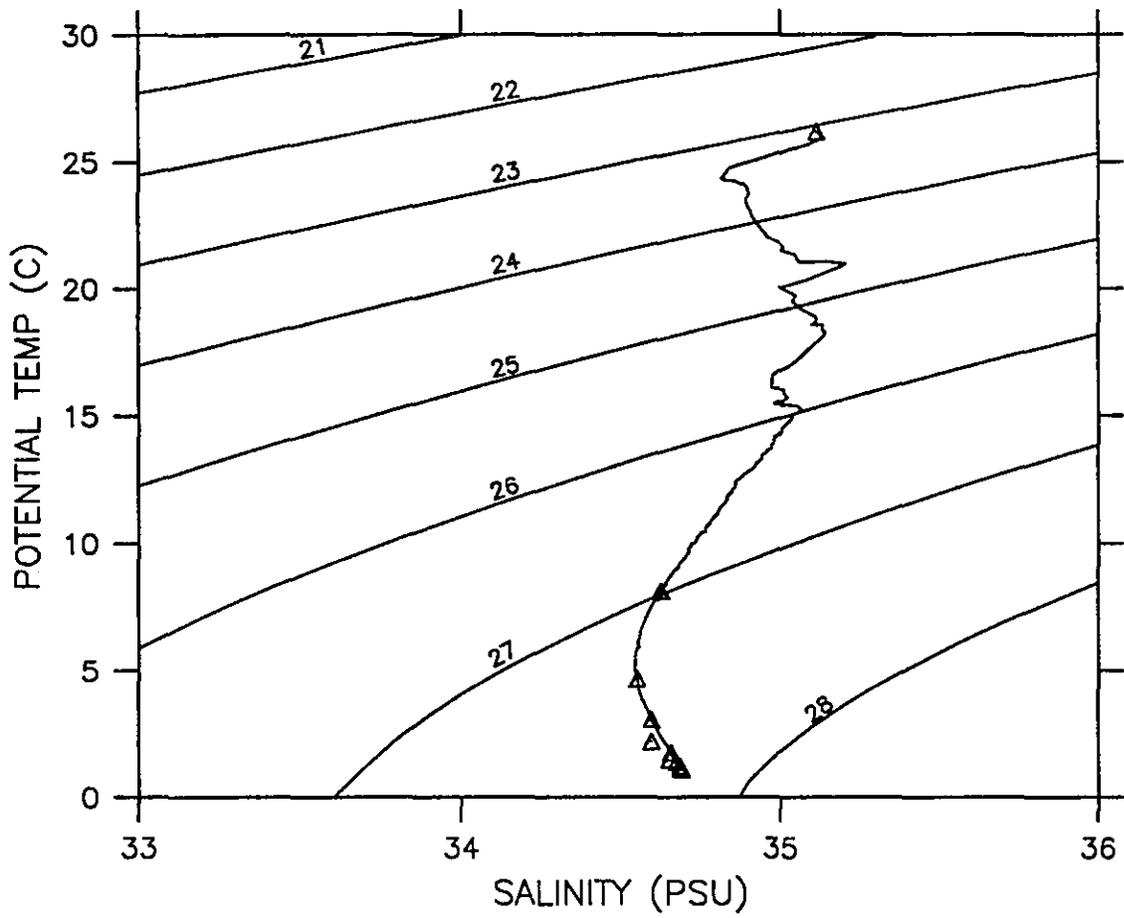


CAST EP4-91-DI -022 DATE 30 NOV 91 TIME 0945 GMT
 LAT 00 00.3S LONG 135 00.4W WEATHER 0 SEA STATE 3
 BAROMETER 10 WIND DIR 085 T SPD 18 KT VISIBILITY 9
 CLOUD X AMOUNT 2 DRY 25.9 WET 24.0 DEPTH 4377 M

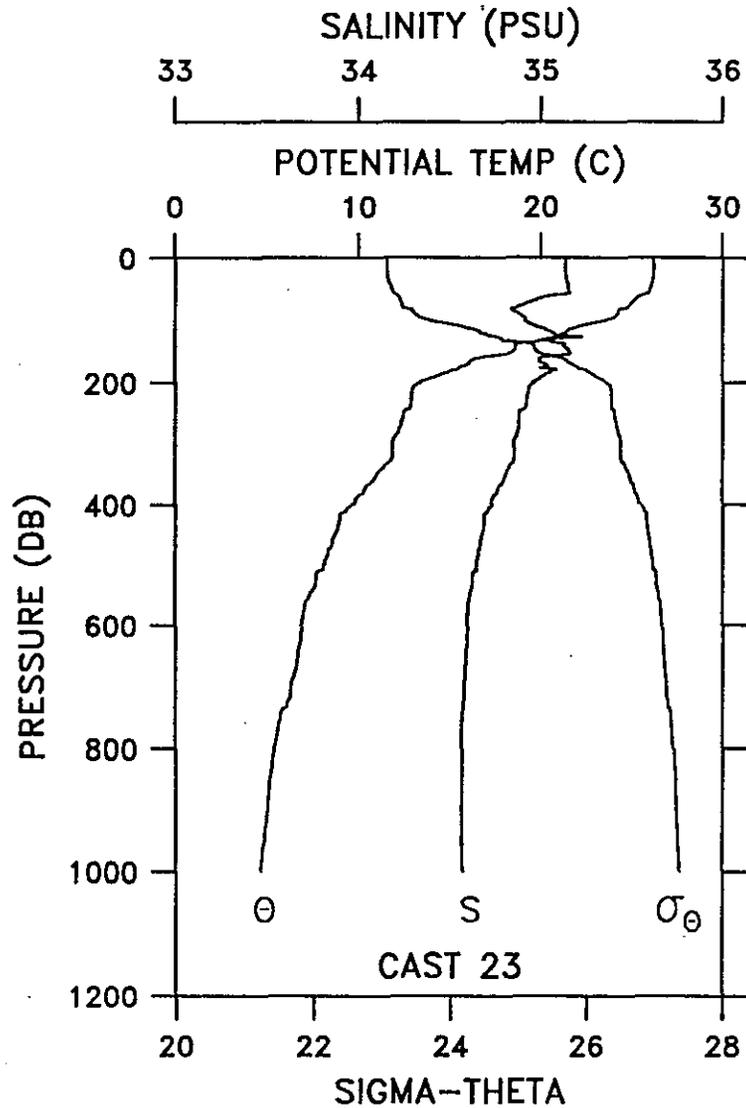


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.432	35.059	22.945	0.000
10	26.434	35.059	22.944	0.049
20	26.420	35.065	22.953	0.098
30	26.408	35.069	22.960	0.147
40	26.402	35.084	22.972	0.196
50	26.395	35.138	23.016	0.245
60	26.400	35.153	23.026	0.294
70	26.400	35.172	23.039	0.342
80	26.399	35.207	23.067	0.391
90	26.382	35.243	23.099	0.439
100	26.373	35.283	23.132	0.487
110	26.357	35.385	23.214	0.534
120	25.890	35.555	23.488	0.580
130	23.542	35.543	24.189	0.622
140	21.768	35.563	24.712	0.657
150	19.030	35.118	25.105	0.688
160	17.424	35.067	25.465	0.716
170	16.807	35.207	25.720	0.741
180	15.841	35.129	25.884	0.763
190	15.606	35.069	25.891	0.784
200	14.468	34.977	26.070	0.806
250	12.659	34.929	26.406	0.897
300	12.025	34.865	26.480	0.979
350	11.724	34.843	26.520	1.060
400	10.016	34.749	26.753	1.134
450	8.631	34.669	26.918	1.197
500	8.132	34.645	26.976	1.257
550	7.630	34.620	27.030	1.314
600	7.140	34.599	27.084	1.369
650	6.683	34.584	27.135	1.421
700	6.331	34.576	27.175	1.471
750	6.037	34.569	27.208	1.520
800	5.519	34.560	27.265	1.566
900	5.053	34.560	27.321	1.655
1000	4.427	34.572	27.400	1.736
1500	2.909	34.618	27.588	2.075
2000	2.157	34.654	27.682	2.352
2500	1.706	34.676	27.735	2.595
3000	1.490	34.686	27.759	2.823
3500	1.220	34.700	27.789	3.043
4000	1.095	34.707	27.803	3.252
4259	1.090	34.707	27.804	3.364

CAST EP4-91-DI -023 DATE 01 DEC 91 TIME 1329 GMT
LAT 00 00.0N LONG 129 59.5W

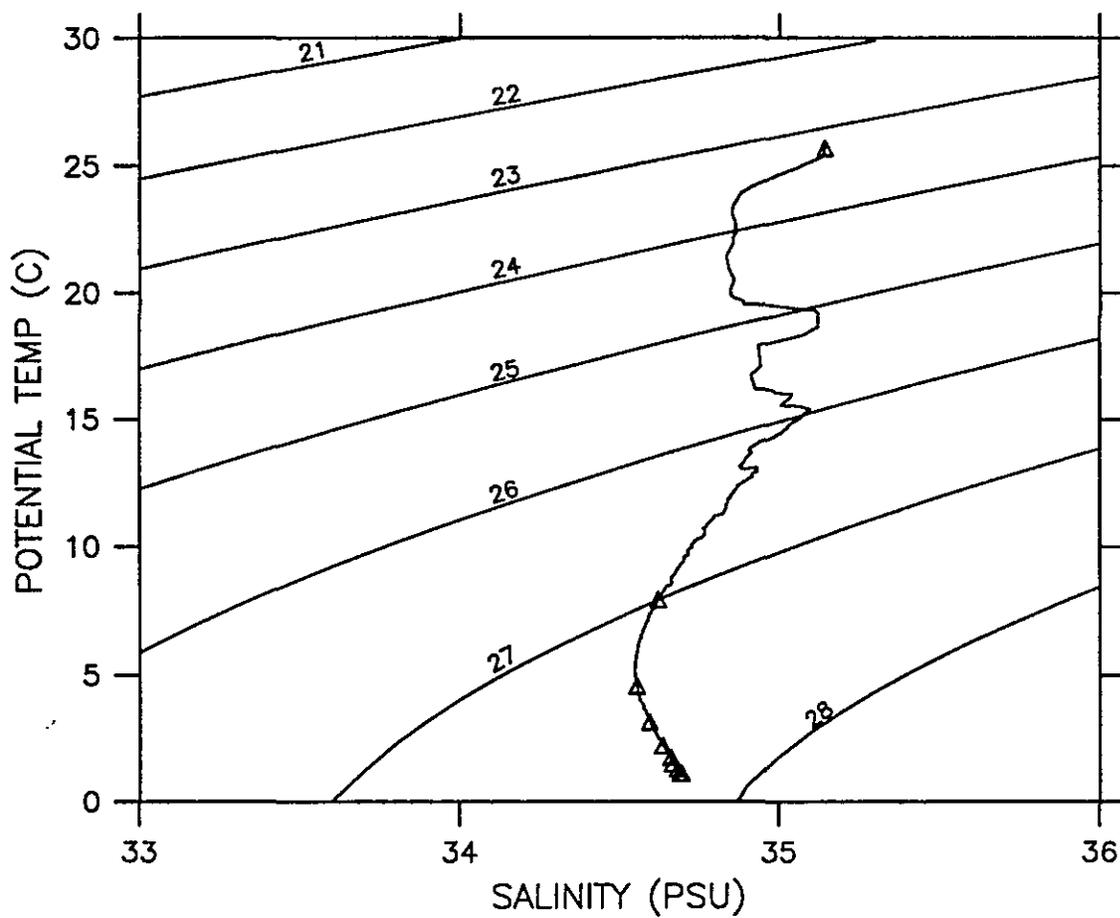


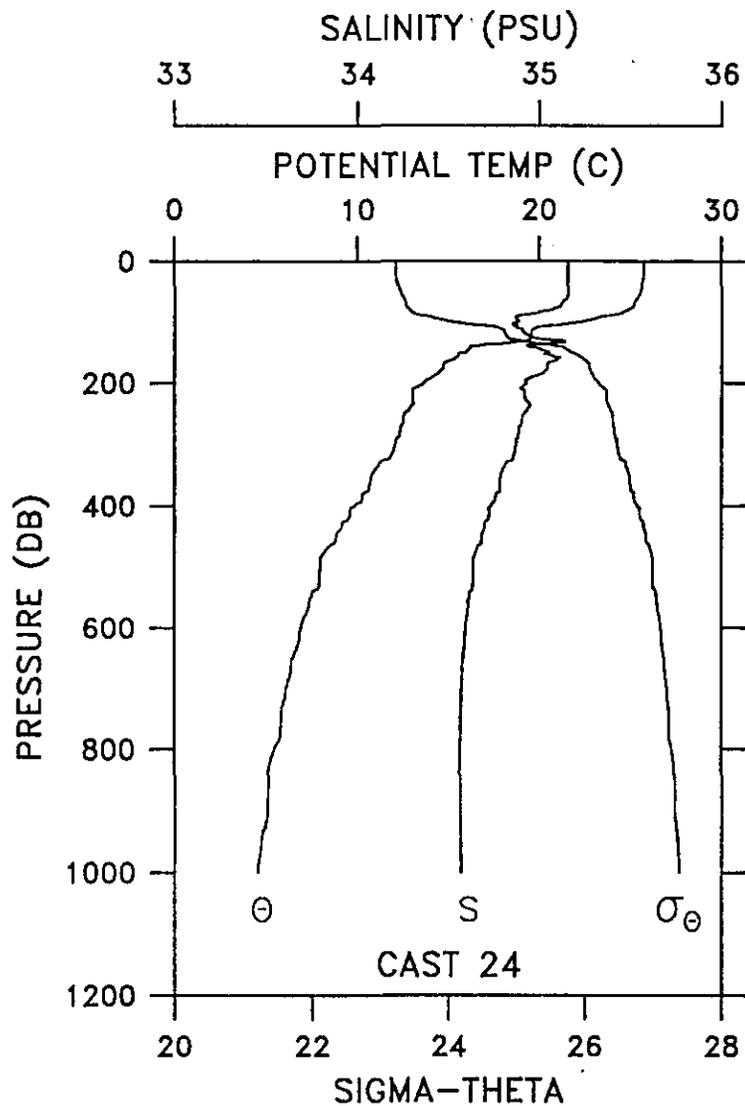
CAST EP4-91-DI-023 DATE 01 DEC 91 TIME 1329 GMT
 LAT 00 00.0N LONG 129 59.5W WEATHER 1 SEA STATE 2
 BAROMETER 09 WIND DIR 110 T SPD 12 KT VISIBILITY 8
 CLOUD 6 AMOUNT 2 DRY 25.8 WET 23.9 DEPTH 4381 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.201	35.130	23.071	0.000
10	26.202	35.130	23.070	0.048
20	26.201	35.131	23.071	0.096
30	26.172	35.135	23.083	0.144
40	26.123	35.142	23.104	0.192
50	26.024	35.149	23.140	0.239
60	25.661	35.101	23.217	0.286
70	25.122	34.954	23.271	0.333
80	24.788	34.866	23.306	0.379
90	24.222	34.878	23.485	0.424
100	23.658	34.912	23.678	0.468
110	22.112	34.974	24.168	0.508
120	21.382	35.061	24.438	0.544
130	20.183	35.057	24.758	0.578
140	18.575	35.121	25.222	0.608
150	18.443	35.152	25.279	0.636
160	16.551	34.992	25.615	0.662
170	15.940	35.027	25.783	0.685
180	15.066	35.066	26.009	0.707
190	14.186	35.003	26.151	0.726
200	13.323	34.960	26.297	0.745
250	12.421	34.877	26.413	0.831
300	11.838	34.850	26.504	0.913
350	10.979	34.806	26.629	0.991
400	9.591	34.728	26.809	1.062
450	8.682	34.673	26.913	1.124
500	8.083	34.643	26.981	1.184
550	7.325	34.608	27.065	1.240
600	6.886	34.593	27.114	1.292
650	6.654	34.585	27.139	1.344
700	6.286	34.576	27.181	1.394
750	5.727	34.566	27.244	1.442
800	5.378	34.564	27.285	1.487
900	5.023	34.560	27.324	1.573
1000	4.629	34.568	27.375	1.656
1500	3.030	34.614	27.574	2.003
2000	2.174	34.654	27.680	2.282
2500	1.733	34.674	27.731	2.525
3000	1.468	34.688	27.762	2.754
3500	1.217	34.701	27.791	2.974
4000	1.107	34.706	27.802	3.184
4209	1.102	34.707	27.803	3.273

CAST EP4-91-DI -024 DATE 03 DEC 91 TIME 1148 GMT
LAT 00 00.8N LONG 124 25.7W

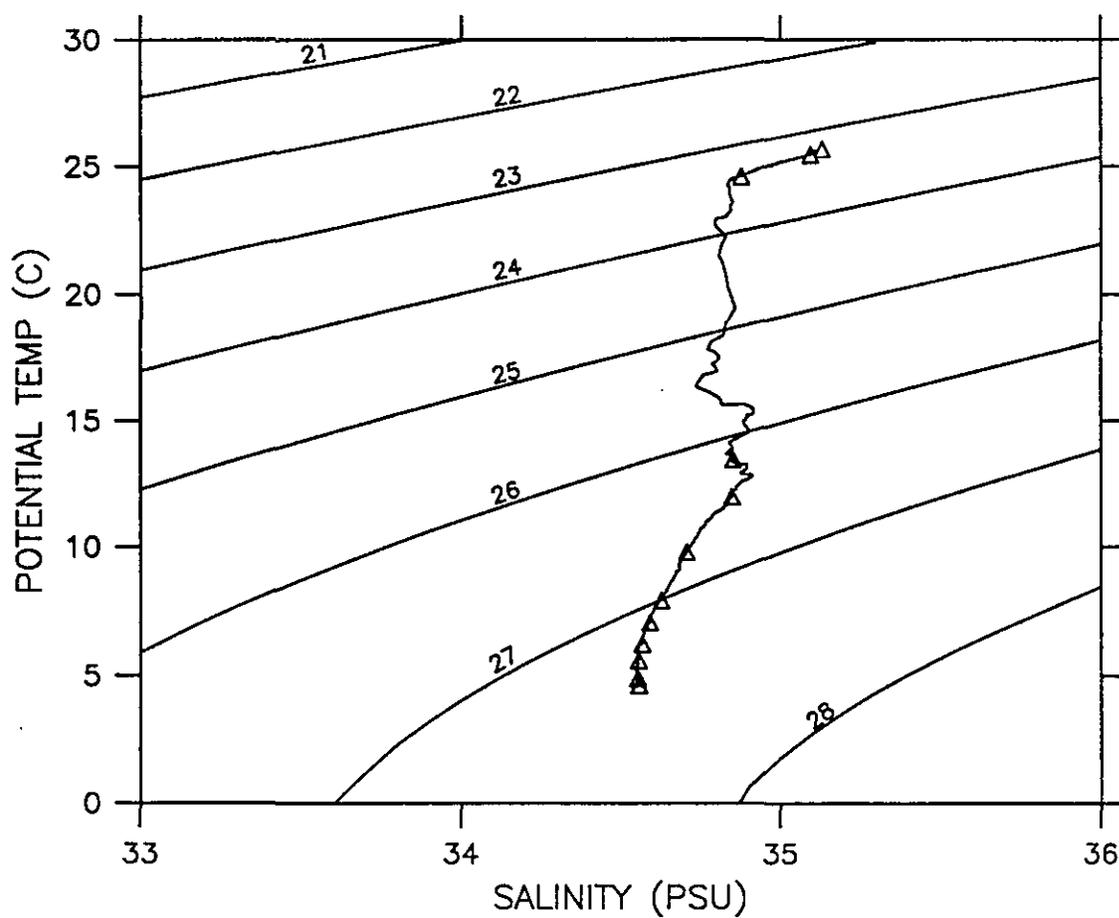




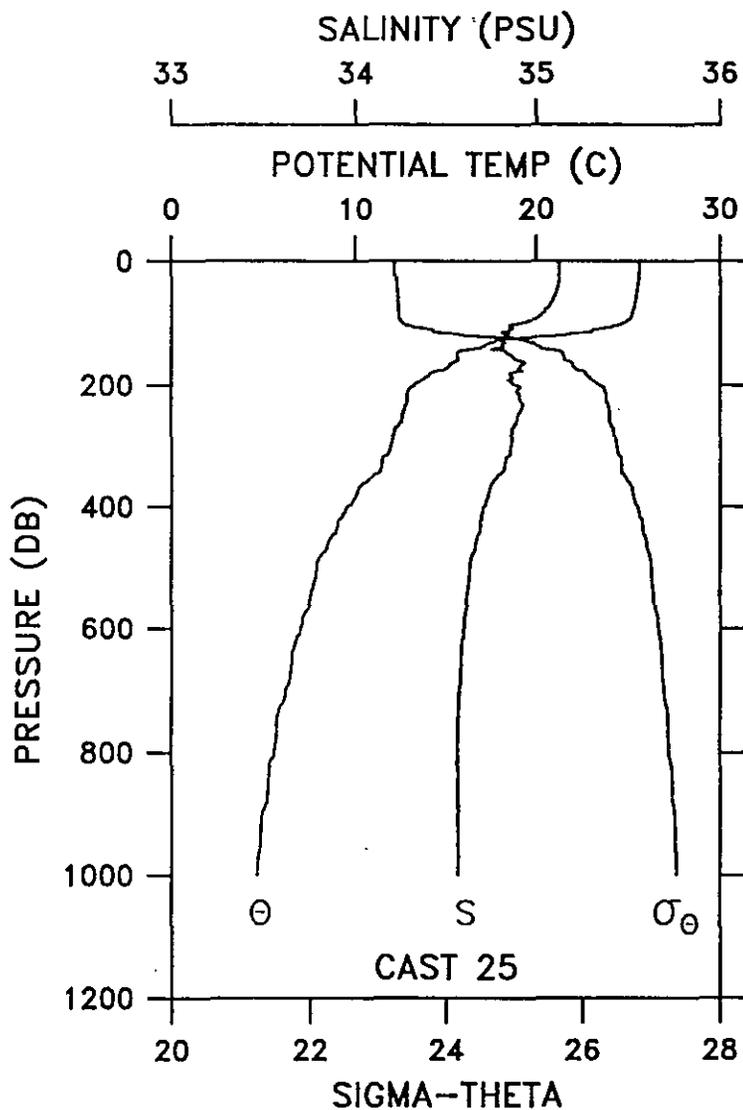
CAST EP4-91-DI-024 DATE 03 DEC 91 TIME 1148 GMT
 LAT 00 00.8N LONG 124 25.7W WEATHER 2 SEA STATE 3
 BAROMETER 08 WIND DIR 100 T SPD 15 KT VISIBILITY 7
 CLOUD 8 AMOUNT 9 DRY 25.3 WET 23.1 DEPTH 4755 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.750	35.161	23.234	0.000
10	25.748	35.161	23.235	0.046
20	25.748	35.160	23.235	0.093
30	25.743	35.160	23.236	0.139
40	25.629	35.161	23.272	0.185
50	25.555	35.157	23.292	0.232
60	25.384	35.151	23.340	0.277
70	25.202	35.122	23.373	0.323
80	24.861	35.058	23.429	0.368
90	23.663	34.884	23.654	0.412
100	22.196	34.871	24.066	0.453
110	19.782	34.878	24.727	0.488
120	19.535	34.929	24.830	0.520
130	19.304	35.129	25.043	0.551
140	16.178	34.942	25.663	0.578
150	15.894	35.053	25.813	0.601
160	15.312	35.102	25.982	0.622
170	14.741	35.043	26.063	0.643
180	14.569	35.030	26.090	0.662
190	14.091	34.954	26.133	0.682
200	13.651	34.927	26.205	0.701
250	12.610	34.917	26.407	0.789
300	12.069	34.870	26.476	0.872
350	10.762	34.787	26.653	0.949
400	9.850	34.730	26.767	1.020
450	8.845	34.682	26.894	1.085
500	7.952	34.637	26.996	1.144
550	7.441	34.614	27.053	1.201
600	6.904	34.594	27.113	1.254
650	6.435	34.585	27.168	1.305
700	6.091	34.572	27.203	1.354
750	5.848	34.568	27.231	1.402
800	5.492	34.564	27.271	1.448
900	5.077	34.563	27.320	1.534
1000	4.582	34.569	27.381	1.617
1500	3.111	34.612	27.565	1.974
2000	2.198	34.654	27.678	2.257
2500	1.746	34.675	27.731	2.503
3000	1.488	34.687	27.760	2.733
3500	1.287	34.698	27.783	2.955
4000	1.114	34.706	27.802	3.167
4500	1.108	34.707	27.802	3.385
4511	1.108	34.707	27.803	3.390

CAST EP4-91-DI -025 DATE 04 DEC 91 TIME 0334 GMT
LAT 00 30.2N LONG 124 32.6W

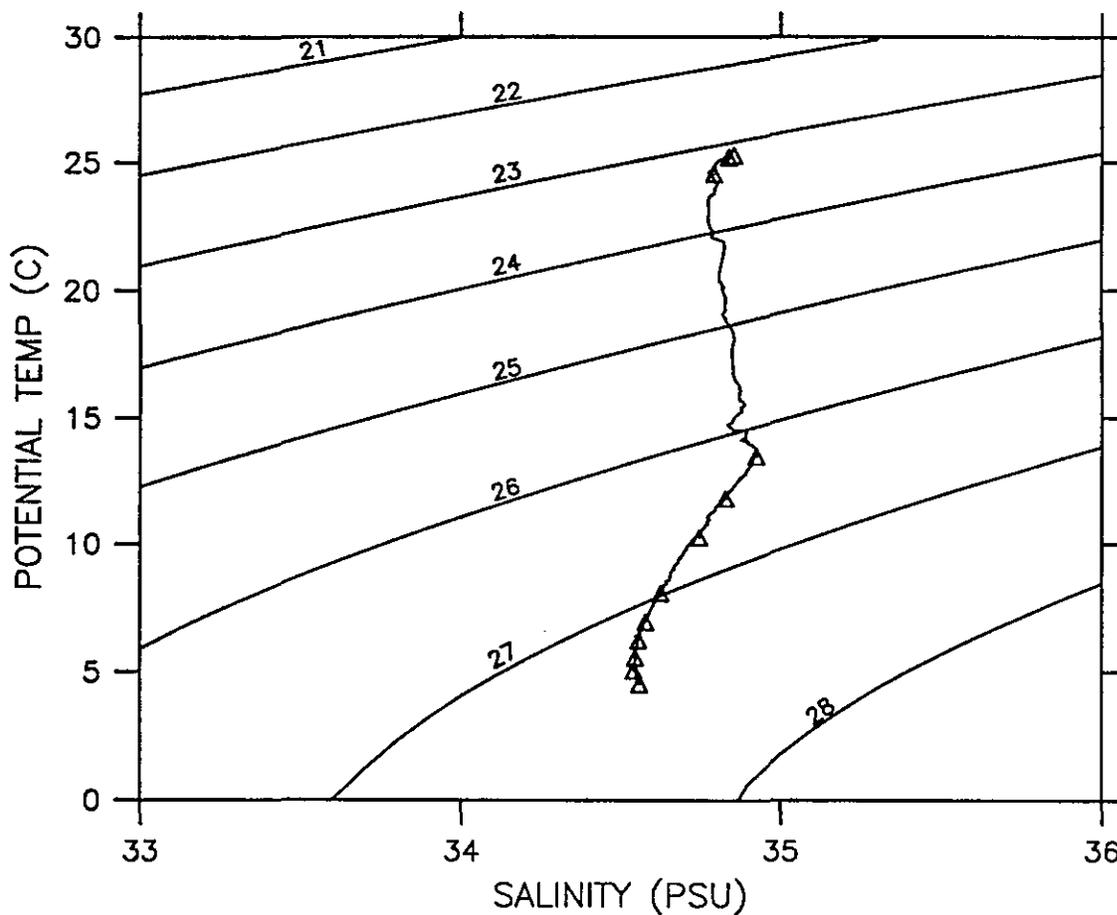


CAST EP4-91-DI-025 DATE 04 DEC 91 TIME 0334 GMT
 LAT 00 30.2N LONG 124 32.6W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 115 T SPD 14 KT VISIBILITY 7
 CLOUD X AMOUNT 9 DRY 25.8 WET 23.9 DEPTH 4619 M

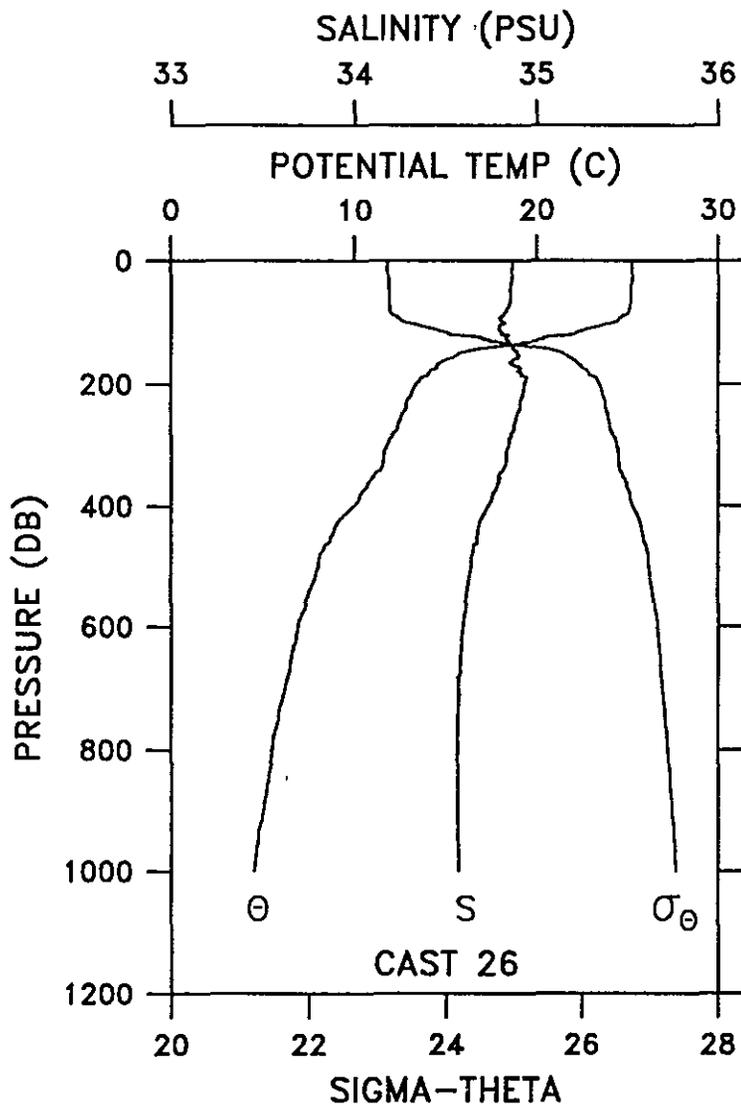


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.621	35.126	23.248	0.000
10	25.627	35.126	23.246	0.046
20	25.616	35.126	23.249	0.092
30	25.542	35.121	23.269	0.139
40	25.499	35.113	23.276	0.185
50	25.453	35.105	23.284	0.231
60	25.403	35.091	23.289	0.277
70	25.340	35.072	23.294	0.323
80	25.253	35.044	23.299	0.369
90	25.136	35.008	23.308	0.415
100	24.641	34.899	23.375	0.461
110	23.058	34.846	23.802	0.505
120	20.836	34.845	24.421	0.544
130	17.502	34.827	25.262	0.574
140	16.591	34.763	25.429	0.601
150	15.640	34.856	25.720	0.624
160	15.600	34.915	25.774	0.647
170	15.112	34.911	25.879	0.669
180	14.143	34.859	26.048	0.690
190	13.759	34.858	26.128	0.710
200	13.260	34.897	26.261	0.729
250	12.604	34.899	26.394	0.815
300	11.915	34.858	26.496	0.897
350	10.955	34.781	26.613	0.975
400	9.505	34.707	26.806	1.045
450	8.642	34.673	26.919	1.109
500	7.875	34.633	27.004	1.167
550	7.534	34.617	27.042	1.223
600	6.976	34.597	27.105	1.277
650	6.502	34.581	27.156	1.328
700	6.189	34.572	27.191	1.378
750	5.698	34.566	27.248	1.425
800	5.597	34.564	27.258	1.471
900	4.916	34.564	27.339	1.558
1000	4.640	34.567	27.373	1.640
1006	4.625	34.568	27.376	1.645

CAST EP4-91-DI -026 DATE 04 DEC 91 TIME 0702 GMT
LAT 01 00.3N LONG 124 41.5W

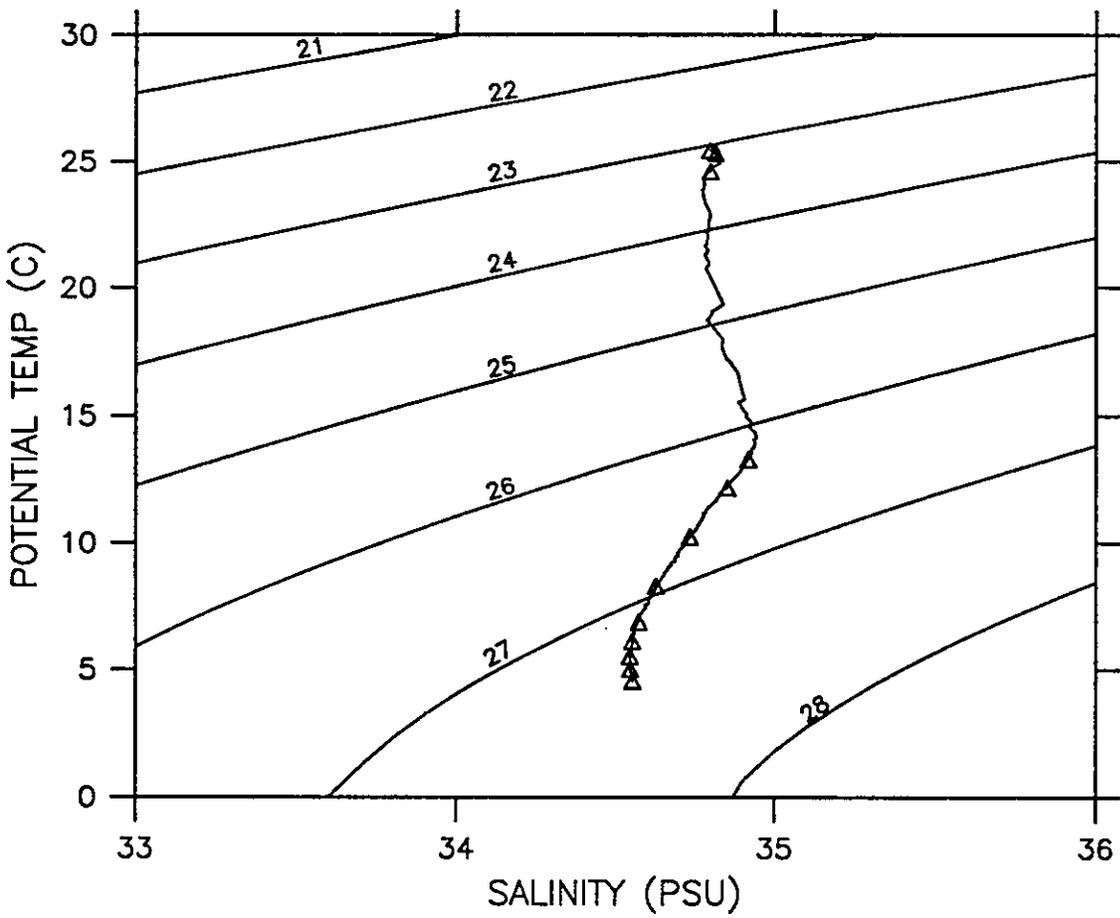


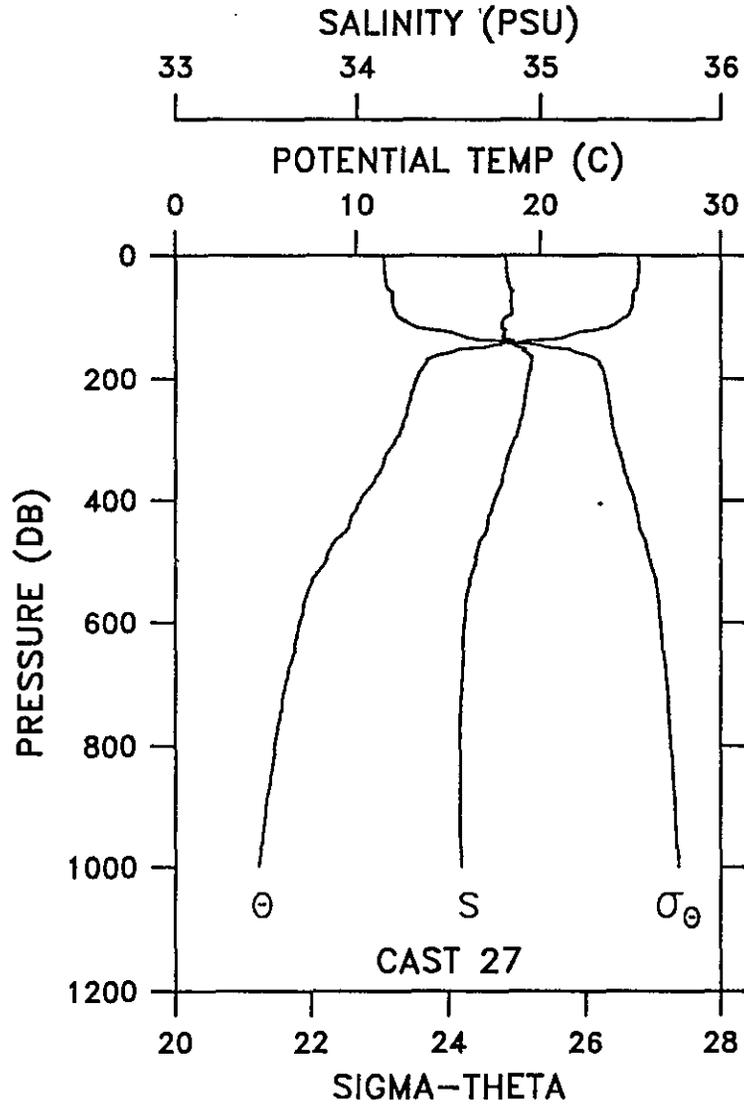
CAST EP4-91-DI-026 DATE 04 DEC 91 TIME 0702 GMT
 LAT 01 00.3N LONG 124 41.5W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 090 T SPD 14 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 25.1 WET 23.4 DEPTH 4587 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.303	34.865	23.149	0.000
10	25.299	34.865	23.150	0.047
20	25.285	34.862	23.152	0.094
30	25.255	34.859	23.158	0.142
40	25.213	34.853	23.167	0.189
50	25.193	34.851	23.172	0.236
60	25.190	34.853	23.174	0.283
70	25.175	34.848	23.175	0.330
80	25.111	34.831	23.182	0.377
90	24.705	34.804	23.285	0.424
100	24.146	34.821	23.464	0.470
110	22.751	34.792	23.849	0.513
120	21.697	34.844	24.185	0.552
130	19.685	34.847	24.729	0.587
140	17.280	34.865	25.345	0.617
150	15.676	34.890	25.737	0.641
160	14.975	34.869	25.877	0.663
170	14.500	34.884	25.992	0.684
180	14.071	34.915	26.107	0.704
190	13.613	34.942	26.224	0.724
200	13.372	34.931	26.265	0.742
250	12.637	34.893	26.383	0.829
300	11.783	34.843	26.509	0.912
350	11.081	34.790	26.597	0.990
400	9.954	34.730	26.749	1.062
450	8.722	34.672	26.905	1.127
500	8.028	34.639	26.986	1.186
550	7.478	34.614	27.048	1.243
600	6.916	34.592	27.109	1.296
650	6.561	34.579	27.147	1.347
700	6.215	34.567	27.183	1.397
750	5.870	34.565	27.226	1.445
800	5.527	34.565	27.268	1.491
900	5.036	34.563	27.325	1.579
1000	4.556	34.570	27.385	1.661
1005	4.525	34.571	27.389	1.665

CAST EP4-91-DI -027 DATE 04 DEC 91 TIME 1033 GMT
LAT 01 30.0N LONG 124 51.9W

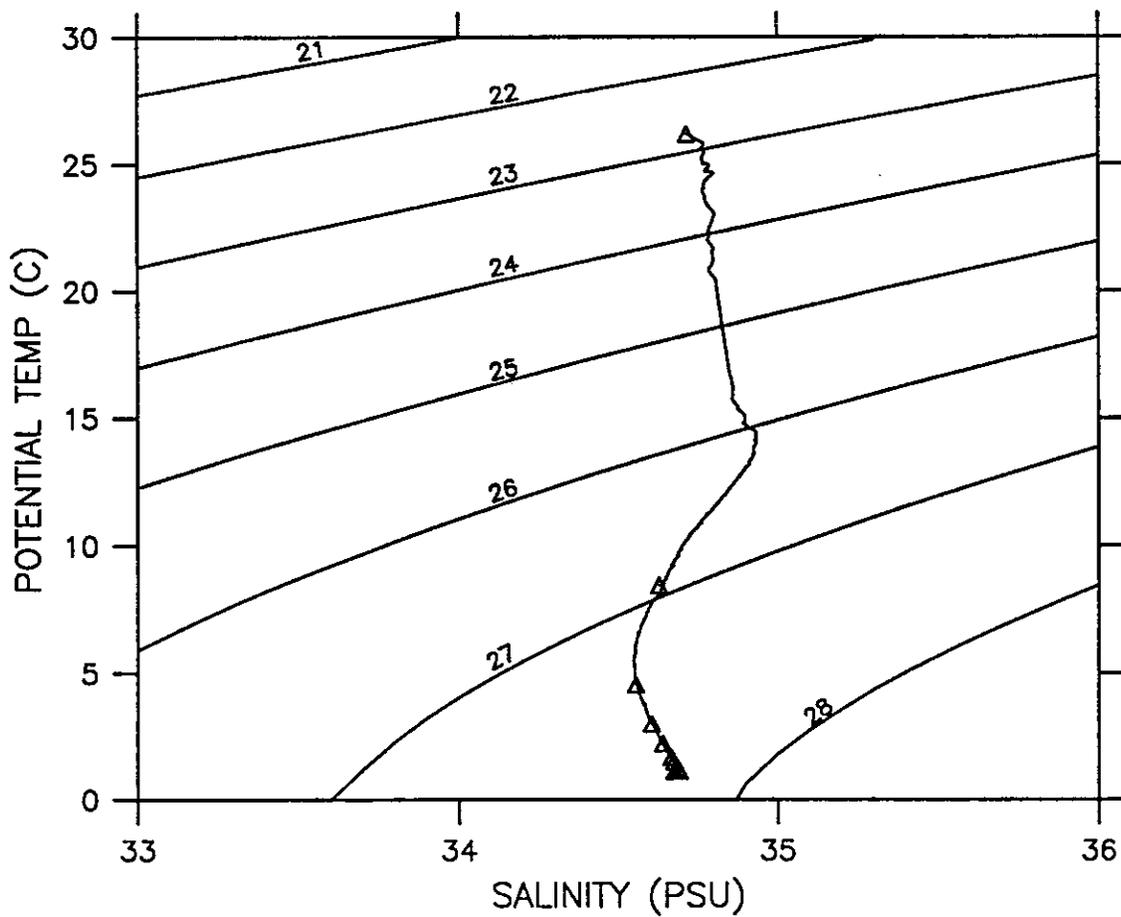




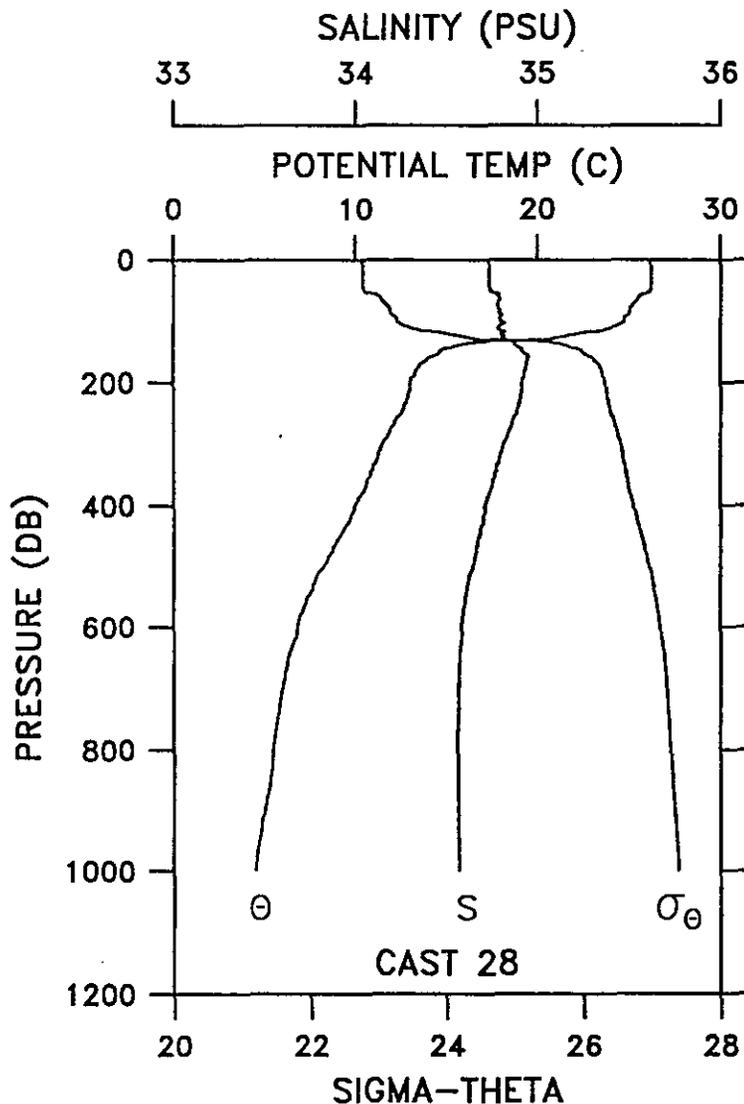
CAST EP4-91-D1 -027 DATE 04 DEC 91 TIME 1033 GMT
 LAT 01 30.0N LONG 124 51.9W WEATHER 1 SEA STATE 3
 BAROMETER 07 WIND DIR 125 T SPD 18 KT VISIBILITY 9
 CLOUD X AMOUNT 4 DRY 25.0 WET 23.0 DEPTH 4705 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.434	34.812	23.069	0.000
10	25.433	34.813	23.069	0.048
20	25.432	34.813	23.069	0.096
30	25.410	34.818	23.080	0.144
40	25.393	34.822	23.088	0.192
50	25.355	34.830	23.106	0.240
60	25.127	34.842	23.185	0.287
70	25.118	34.840	23.186	0.334
80	25.083	34.840	23.197	0.381
90	24.958	34.846	23.239	0.428
100	24.579	34.808	23.325	0.474
110	24.104	34.795	23.457	0.520
120	22.548	34.807	23.918	0.563
130	21.347	34.804	24.251	0.601
140	18.704	34.804	24.948	0.635
150	15.628	34.923	25.773	0.662
160	14.540	34.939	26.026	0.683
170	13.803	34.952	26.192	0.702
180	13.596	34.946	26.230	0.721
190	13.401	34.938	26.264	0.739
200	13.278	34.931	26.284	0.757
250	12.788	34.906	26.363	0.844
300	12.142	34.858	26.452	0.929
350	11.303	34.801	26.566	1.009
400	10.227	34.746	26.715	1.083
450	9.449	34.705	26.814	1.151
500	8.301	34.646	26.950	1.213
550	7.320	34.603	27.061	1.270
600	6.894	34.587	27.108	1.323
650	6.558	34.579	27.147	1.374
700	6.100	34.570	27.200	1.423
750	5.797	34.564	27.234	1.471
800	5.528	34.563	27.266	1.516
900	5.021	34.564	27.327	1.604
1000	4.620	34.570	27.377	1.687
1006	4.605	34.570	27.379	1.692

CAST EP4-91-DI -028 DATE 05 DEC 91 TIME 0845 GMT
LAT 01 57.0N LONG 125 06.5W

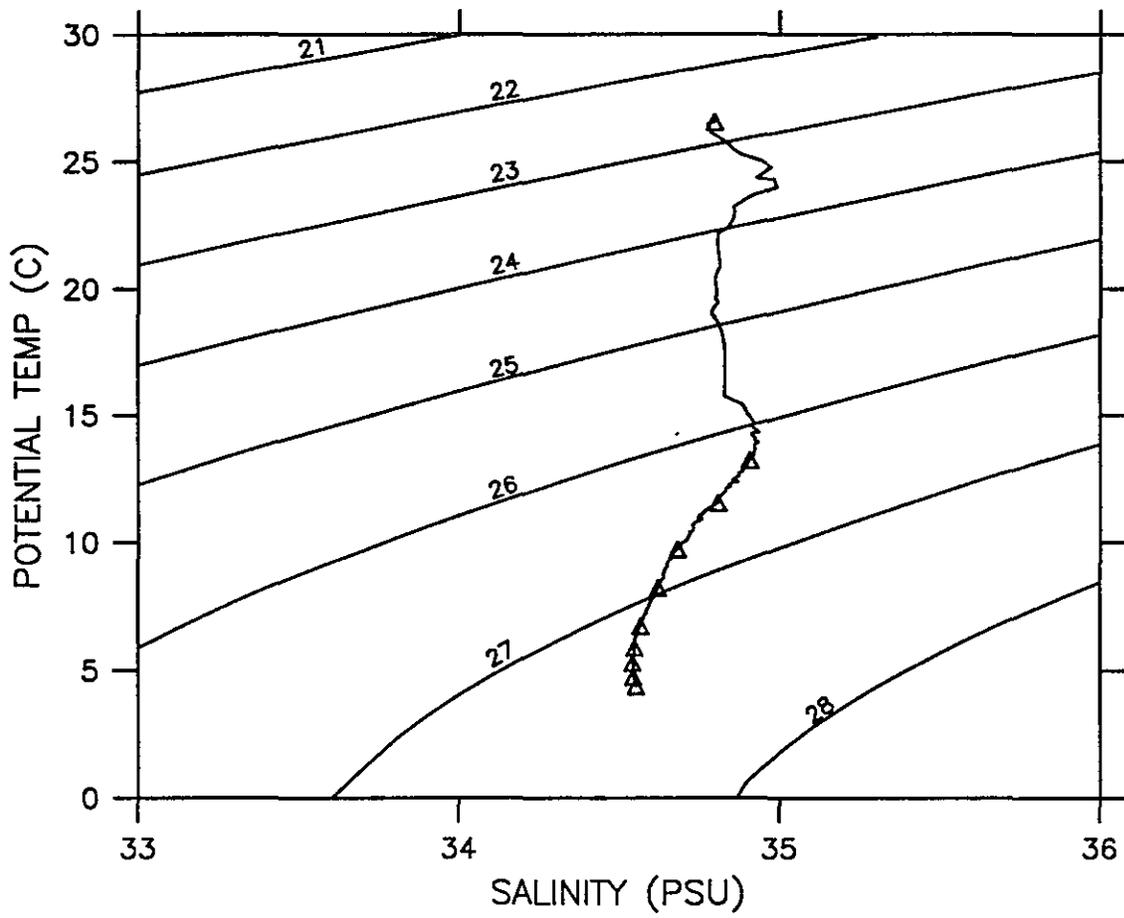


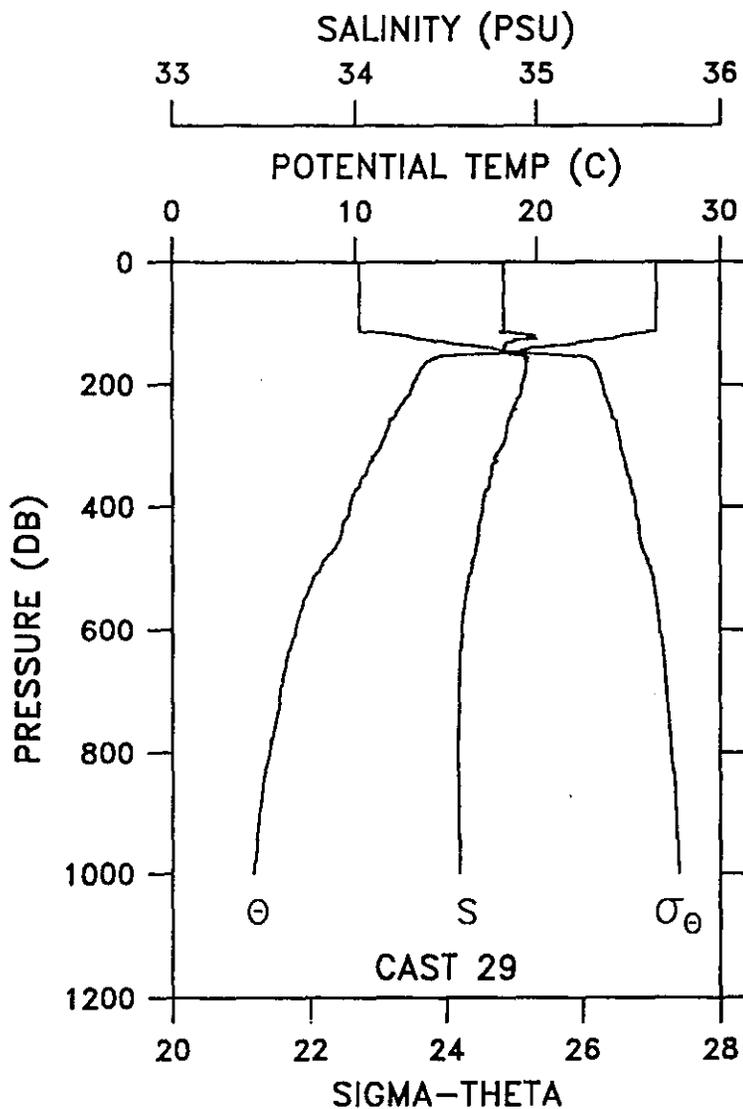
CAST EP4-91-DI -028 DATE 05 DEC 91 TIME 0845 GMT
 LAT 01 57.0N LONG 125 06.5W WEATHER 2 SEA STATE 3
 BAROMETER 10 WIND DIR 125 T SPD 20 KT VISIBILITY 7
 CLOUD X AMOUNT 6 DRY 25.4 WET 23.9 DEPTH 4733 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.192	34.734	22.774	0.000
10	26.191	34.733	22.774	0.051
20	26.192	34.733	22.774	0.102
30	26.190	34.733	22.775	0.152
40	26.187	34.735	22.777	0.203
50	26.143	34.742	22.796	0.254
60	25.514	34.790	23.027	0.304
70	25.267	34.782	23.097	0.352
80	25.028	34.790	23.176	0.399
90	24.899	34.805	23.226	0.447
100	24.709	34.804	23.283	0.493
110	23.976	34.783	23.486	0.539
120	22.088	34.802	24.044	0.581
130	19.492	34.834	24.769	0.617
140	15.451	34.893	25.790	0.642
150	14.641	34.922	25.991	0.663
160	14.016	34.950	26.146	0.683
170	13.553	34.941	26.235	0.702
180	13.341	34.932	26.272	0.720
190	13.207	34.929	26.297	0.738
200	13.049	34.917	26.319	0.756
250	12.521	34.886	26.400	0.842
300	11.505	34.815	26.539	0.923
350	10.836	34.768	26.625	0.999
400	9.992	34.715	26.731	1.071
450	9.138	34.681	26.847	1.138
500	8.247	34.646	26.959	1.200
550	7.366	34.604	27.056	1.257
600	6.817	34.586	27.118	1.310
650	6.276	34.573	27.180	1.360
700	5.983	34.568	27.213	1.408
750	5.687	34.567	27.250	1.455
800	5.472	34.563	27.273	1.500
900	5.004	34.565	27.330	1.587
1000	4.497	34.573	27.394	1.668
1500	3.001	34.621	27.582	2.016
2000	2.213	34.652	27.676	2.296
2500	1.685	34.679	27.739	2.541
3000	1.498	34.686	27.758	2.769
3500	1.250	34.699	27.786	2.994
4000	1.129	34.705	27.800	3.207
4500	1.108	34.705	27.801	3.425
4510	1.107	34.708	27.802	3.430

CAST EP4-91-DI -029 DATE 05 DEC 91 TIME 1541 GMT
LAT 03 00.1N LONG 125 00.0W

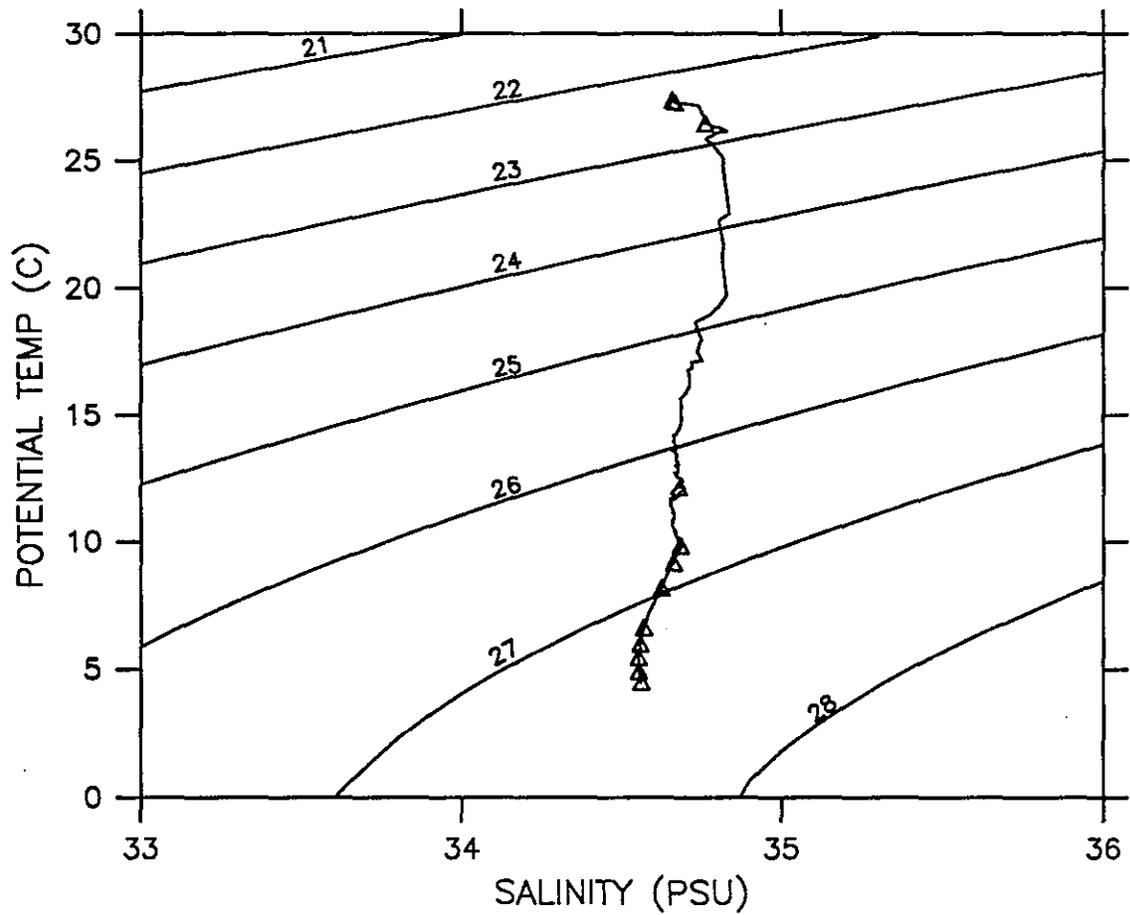


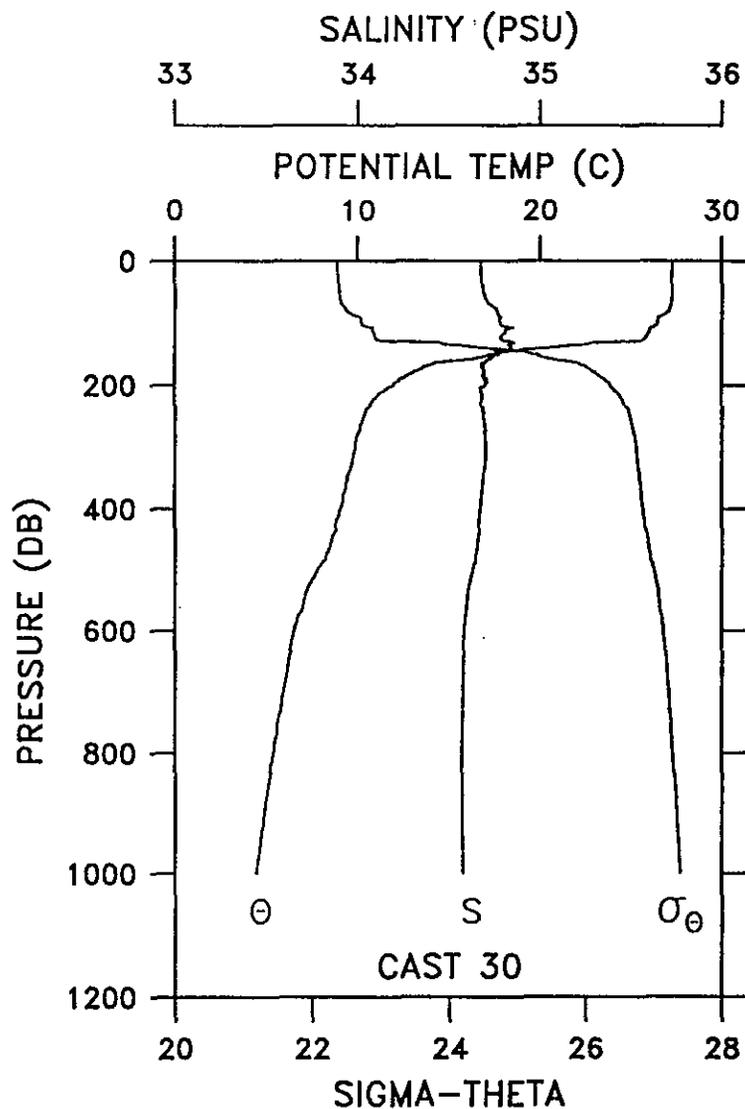


CAST EP4-91-DI-029 DATE 05 DEC 91 TIME 1541 GMT
 LAT 03 00.1N LONG 125 00.0W WEATHER 2 SEA STATE 3
 BAROMETER 10 WIND DIR 130 T SPD 15 KT VISIBILITY 7
 CLOUD 7 AMOUNT 7 DRY 26.0 WET 24.0 DEPTH 4461 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.546	34.820	22.728	0.000
10	26.543	34.820	22.729	0.051
20	26.542	34.820	22.729	0.102
30	26.545	34.820	22.728	0.154
40	26.544	34.820	22.729	0.205
50	26.544	34.819	22.728	0.256
60	26.543	34.813	22.724	0.308
70	26.542	34.813	22.724	0.359
80	26.541	34.819	22.729	0.411
90	26.541	34.819	22.729	0.462
100	26.541	34.819	22.729	0.514
110	26.533	34.821	22.733	0.565
120	24.622	34.974	23.438	0.614
130	22.749	34.876	23.913	0.657
140	19.714	34.822	24.702	0.694
150	16.705	34.851	25.470	0.725
160	14.066	34.939	26.127	0.746
170	13.705	34.940	26.203	0.765
180	13.512	34.938	26.241	0.783
190	13.326	34.931	26.274	0.801
200	13.148	34.920	26.302	0.819
250	12.254	34.864	26.435	0.904
300	11.394	34.811	26.557	0.983
350	10.437	34.751	26.683	1.058
400	9.693	34.698	26.768	1.128
450	9.176	34.675	26.835	1.194
500	8.050	34.637	26.981	1.255
550	7.182	34.604	27.082	1.311
600	6.723	34.588	27.133	1.363
650	6.197	34.574	27.191	1.412
700	5.884	34.570	27.228	1.460
750	5.622	34.568	27.259	1.506
800	5.300	34.566	27.296	1.550
900	4.743	34.568	27.363	1.634
1000	4.419	34.574	27.403	1.713
1009	4.374	34.575	27.409	1.720

CAST EP4-91-DI -030 DATE 05 DEC 91 TIME 2113 GMT
LAT 04 00.0N LONG 125 00.1W

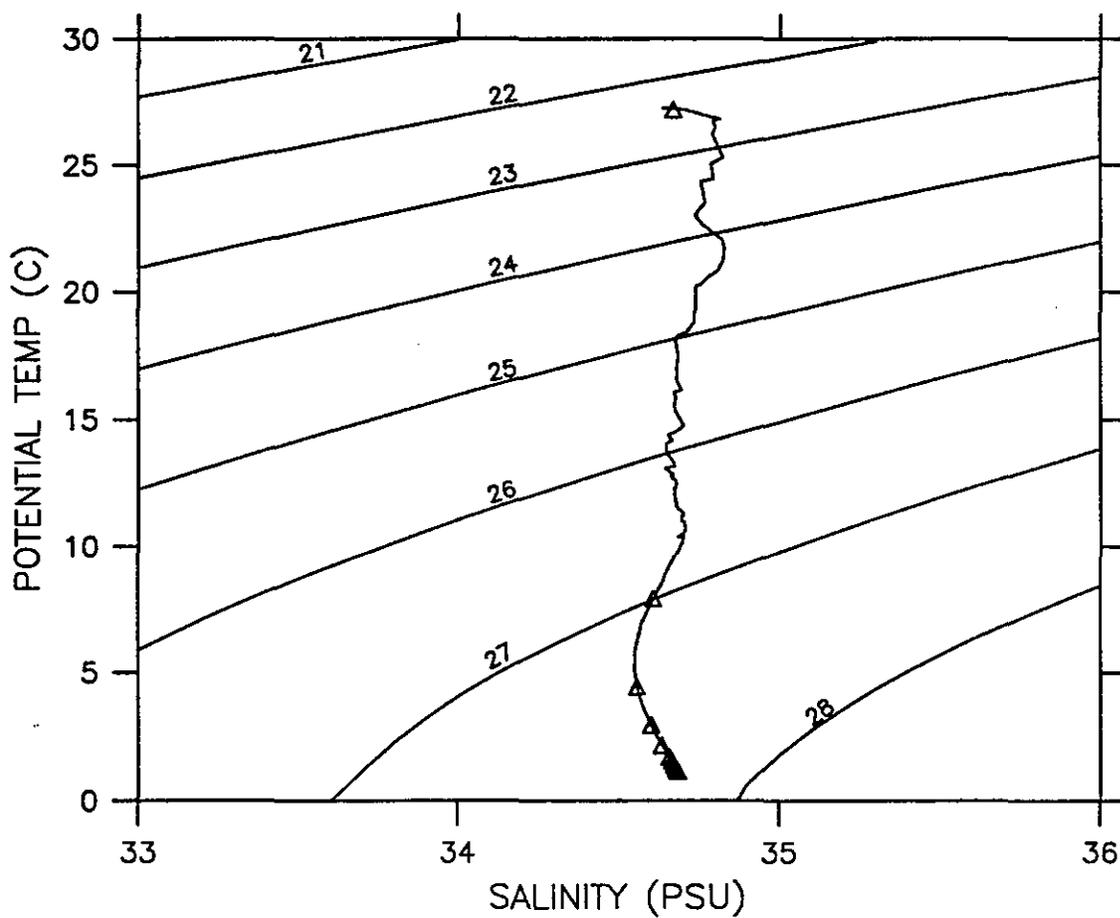


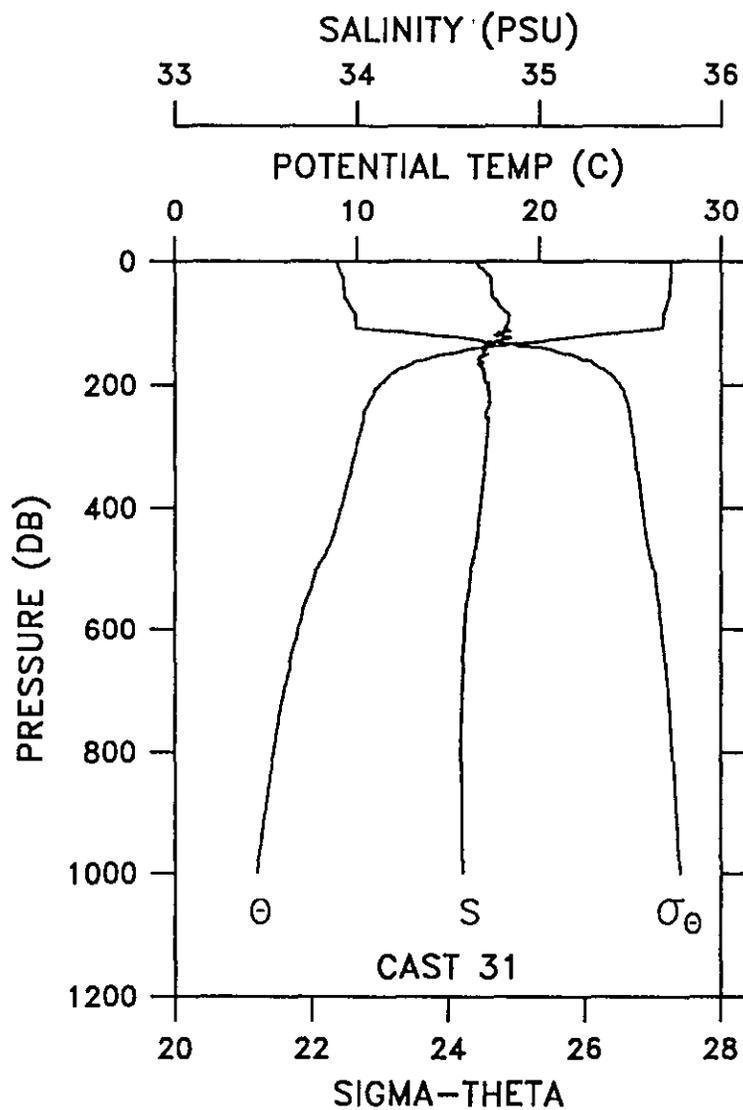


CAST EP4-91-DI -030 DATE 05 DEC 91 TIME 2113 GMT
 LAT 04 00.0N LONG 125 00.1W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 130 T SPD 18 KT VISIBILITY 8
 CLOUD 3 AMOUNT 6 DRY 27.0 WET 24.8 DEPTH 4489 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.313	34.674	22.375	0.000
10	27.310	34.674	22.375	0.055
20	27.279	34.676	22.387	0.109
30	27.274	34.678	22.390	0.164
40	27.272	34.679	22.391	0.218
50	27.267	34.684	22.397	0.273
60	27.254	34.696	22.410	0.327
70	27.201	34.729	22.451	0.382
80	27.100	34.761	22.508	0.435
90	26.523	34.775	22.702	0.488
100	26.465	34.780	22.724	0.540
110	26.010	34.807	22.887	0.591
120	25.870	34.783	22.912	0.641
130	22.880	34.854	23.859	0.689
140	19.702	34.846	24.723	0.727
150	17.139	34.769	25.305	0.757
160	15.216	34.703	25.696	0.782
170	13.585	34.673	26.022	0.804
180	13.009	34.684	26.147	0.823
190	12.306	34.700	26.298	0.842
200	11.929	34.697	26.368	0.859
250	10.329	34.685	26.649	0.936
300	9.842	34.699	26.744	1.006
350	9.439	34.684	26.799	1.073
400	9.069	34.673	26.851	1.137
450	8.573	34.655	26.916	1.200
500	7.824	34.626	27.007	1.259
550	7.098	34.599	27.089	1.314
600	6.550	34.583	27.152	1.365
650	6.229	34.575	27.188	1.414
700	5.949	34.572	27.221	1.462
750	5.642	34.571	27.259	1.508
800	5.423	34.570	27.284	1.553
900	4.913	34.569	27.344	1.638
1000	4.478	34.578	27.399	1.719
1005	4.457	34.576	27.400	1.723

CAST EP4-91-DI -031 DATE 06 DEC 91 TIME 1100 GMT
LAT 05 07.5N LONG 125 01.0W

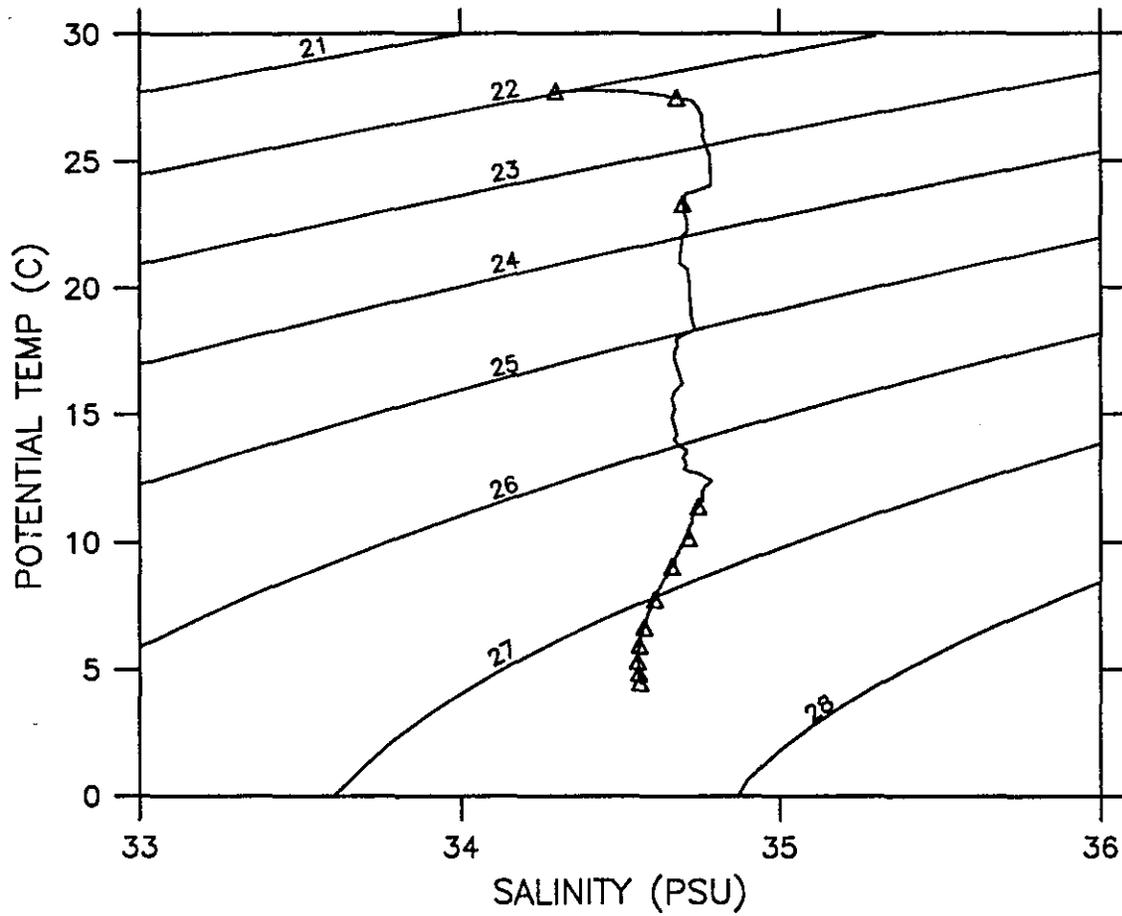


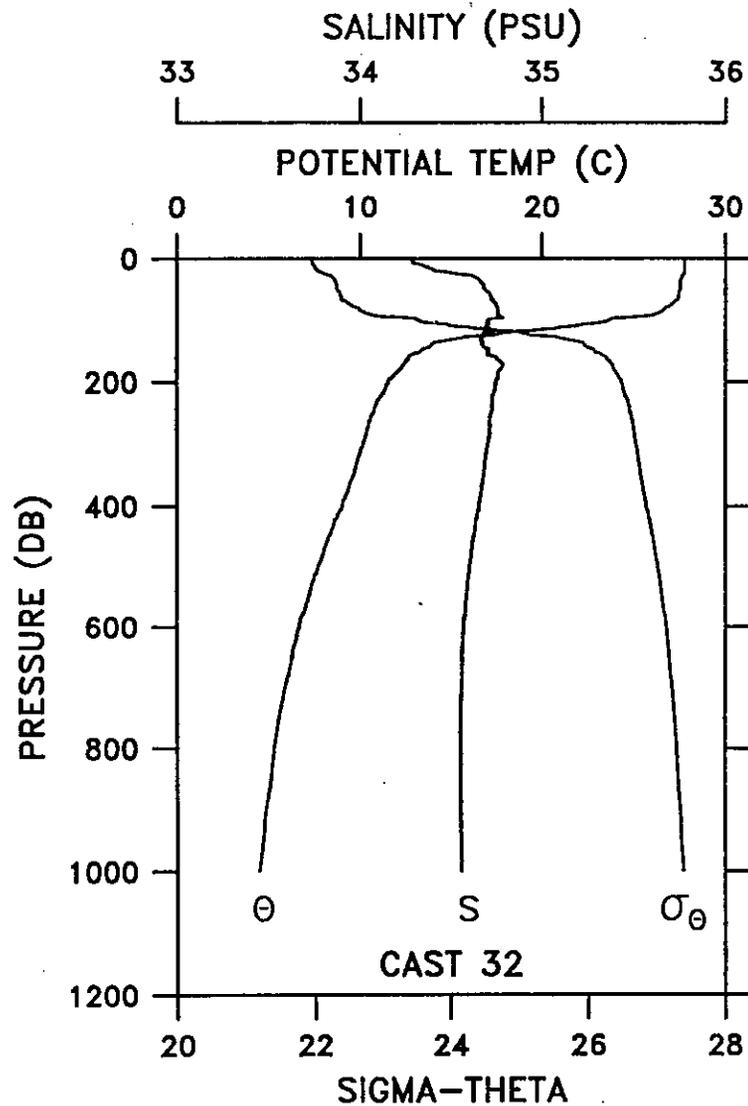


CAST EP4-91-DI -031 DATE 06 DEC 91 TIME 1100 GMT
 LAT 05 07.5N LONG 125 01.0W WEATHER 5 SEA STATE 4
 BAROMETER 08 WIND DIR 190 T SPD 12 KT VISIBILITY 2
 CLOUD X AMOUNT 8 DRY 23.8 WET 23.0 DEPTH 4378 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.245	34.662	22.387	0.000
10	27.248	34.683	22.402	0.054
20	27.230	34.711	22.428	0.109
30	27.181	34.735	22.462	0.163
40	27.162	34.736	22.469	0.216
50	27.145	34.738	22.476	0.270
60	27.113	34.751	22.496	0.324
70	27.003	34.778	22.552	0.377
80	26.903	34.809	22.607	0.430
90	26.829	34.833	22.649	0.483
100	26.806	34.827	22.651	0.535
110	25.924	34.821	22.924	0.587
120	22.631	34.779	23.873	0.632
130	19.754	34.758	24.643	0.668
140	16.438	34.704	25.420	0.698
150	14.763	34.723	25.810	0.722
160	13.632	34.674	26.013	0.743
170	12.739	34.687	26.203	0.763
180	12.074	34.693	26.337	0.780
190	11.579	34.702	26.438	0.797
200	11.244	34.719	26.513	0.813
250	10.360	34.705	26.660	0.887
300	9.986	34.711	26.729	0.957
350	9.577	34.694	26.785	1.025
400	9.107	34.676	26.847	1.090
450	8.652	34.660	26.907	1.152
500	7.810	34.625	27.008	1.212
550	7.214	34.604	27.077	1.267
600	6.760	34.589	27.128	1.319
650	6.337	34.581	27.178	1.369
700	5.982	34.575	27.219	1.417
750	5.667	34.572	27.256	1.463
800	5.417	34.571	27.286	1.508
900	4.936	34.574	27.345	1.594
1000	4.478	34.579	27.401	1.674
1500	2.942	34.623	27.590	2.013
2000	2.155	34.657	27.684	2.289
2500	1.705	34.679	27.737	2.530
3000	1.534	34.687	27.756	2.762
3500	1.249	34.699	27.787	2.983
4000	1.141	34.703	27.798	3.198
4159	1.129	34.704	27.799	3.267

CAST EP4-91-DI -032 DATE 07 DEC 91 TIME 0641 GMT
LAT 06 00.0N LONG 125 00.9W



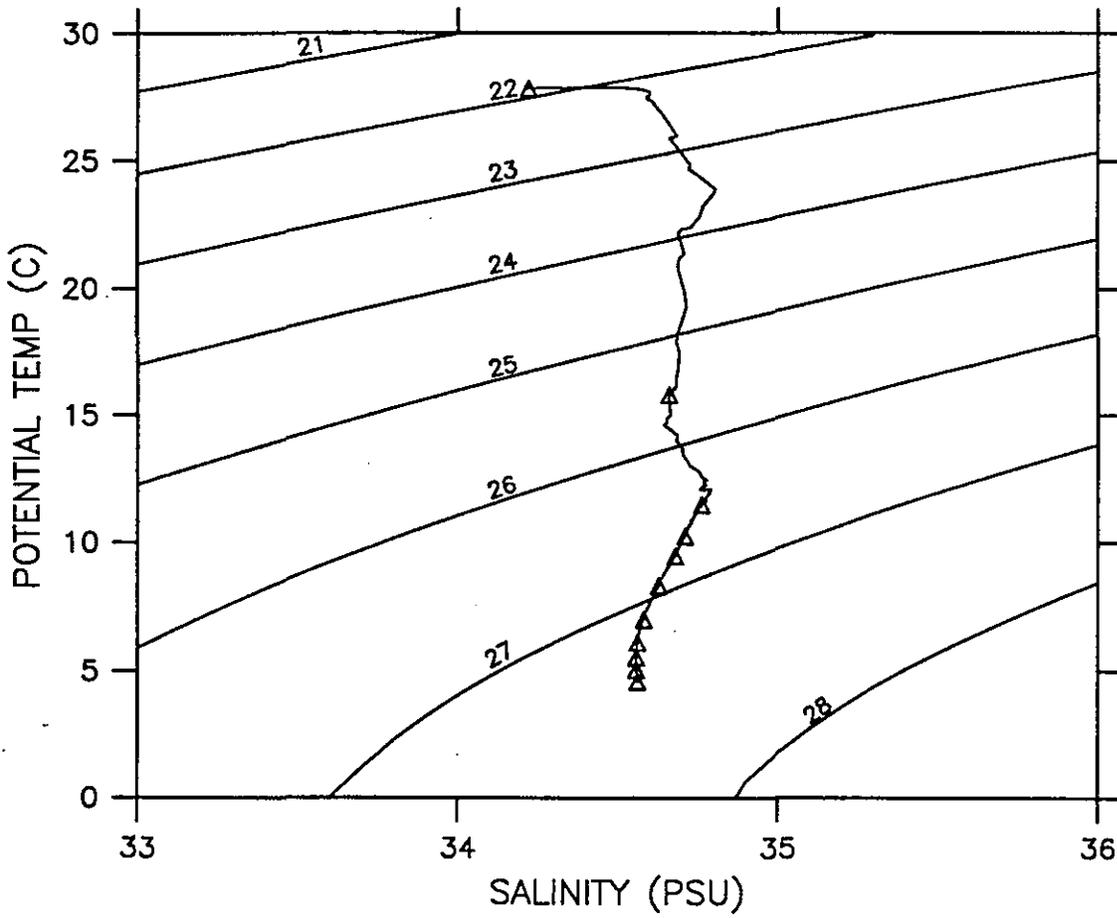


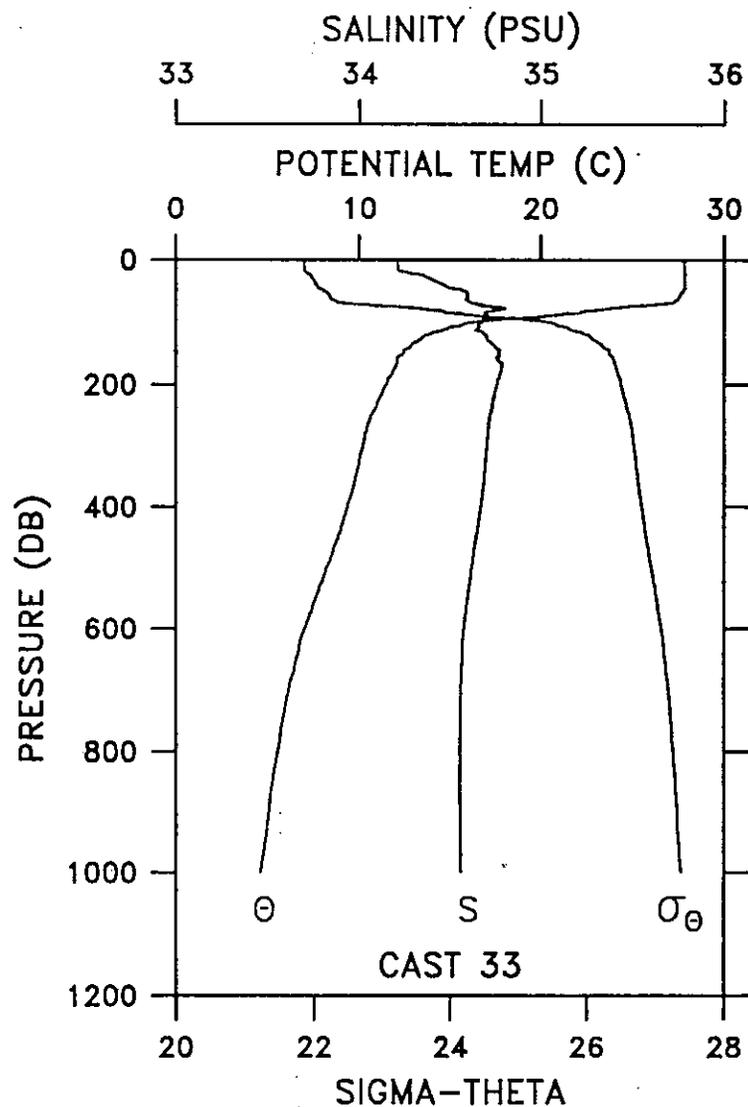
CAST EP4-91-DI-032 DATE 07 DEC 91 TIME 0641 GMT
 LAT 06 00.0N LONG 125 00.9W WEATHER 5 SEA STATE 3
 BAROMETER 11 WIND DIR 000 T SPD 00 KT VISIBILITY 7
 CLOUD X AMOUNT 9 DRY 24.5 WET 23.2 DEPTH 4425 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.711	34.292	21.958	0.000
10	27.744	34.346	21.988	0.058
20	27.764	34.416	22.034	0.117
30	27.591	34.631	22.252	0.173
40	27.503	34.670	22.310	0.229
50	27.497	34.690	22.327	0.284
60	27.404	34.720	22.379	0.339
70	27.154	34.742	22.476	0.394
80	26.856	34.757	22.646	0.447
90	26.109	34.762	22.822	0.499
100	23.581	34.702	23.541	0.545
110	21.349	34.691	24.165	0.587
120	17.959	34.678	25.037	0.620
130	15.190	34.672	25.678	0.646
140	13.937	34.675	25.950	0.668
150	13.343	34.700	26.091	0.688
160	12.685	34.747	26.260	0.707
170	12.445	34.786	26.338	0.725
180	12.210	34.772	26.372	0.742
190	11.846	34.761	26.433	0.758
200	11.552	34.748	26.479	0.774
250	10.737	34.725	26.609	0.851
300	10.163	34.706	26.695	0.923
350	9.640	34.684	26.766	0.992
400	9.014	34.657	26.848	1.057
450	8.282	34.628	26.939	1.119
500	7.682	34.604	27.010	1.177
550	7.164	34.588	27.072	1.232
600	6.630	34.572	27.133	1.284
650	6.270	34.564	27.173	1.334
700	5.887	34.560	27.220	1.382
750	5.547	34.554	27.257	1.428
800	5.282	34.556	27.290	1.473
900	4.828	34.557	27.344	1.558
1000	4.484	34.562	27.386	1.639
1006	4.464	34.562	27.389	1.644

CAST EP4-91-DI -033 DATE 07 DEC 91 TIME 1201 GMT

LAT 07 00.4N LONG 124 59.9W

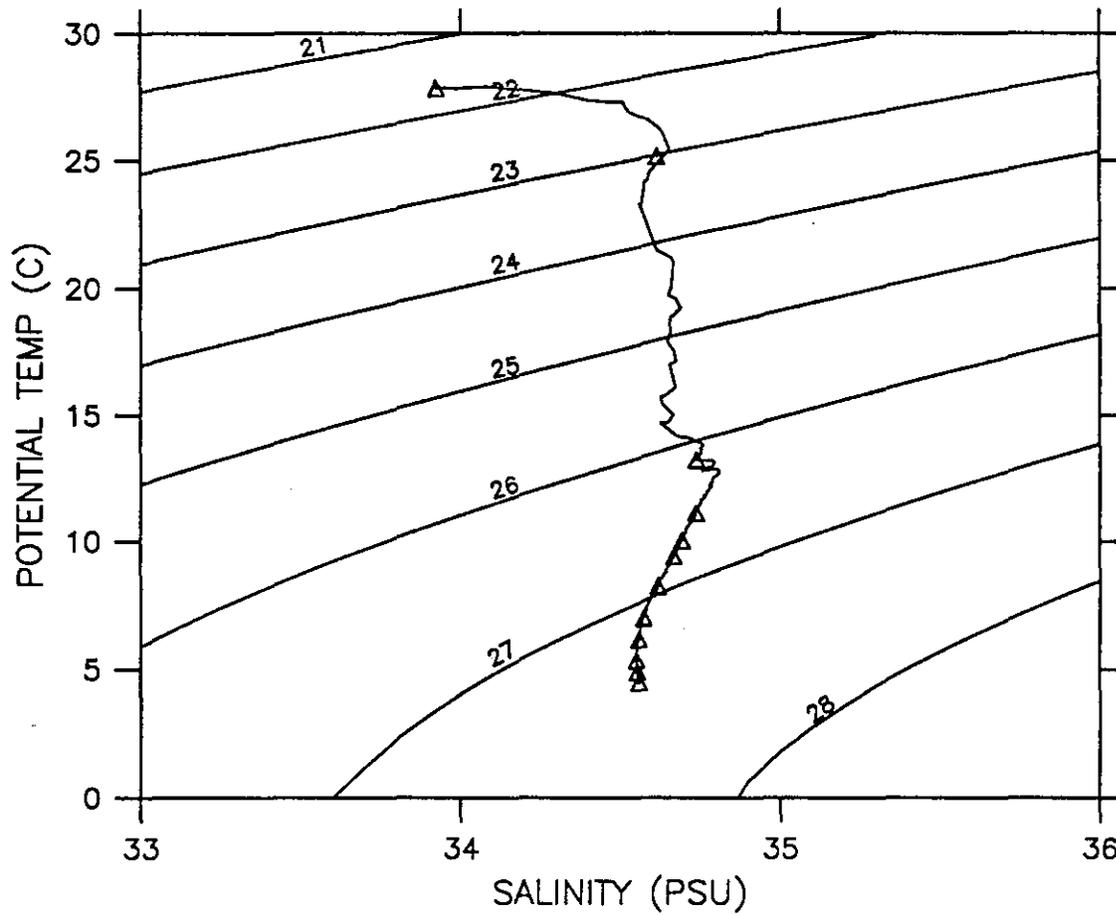




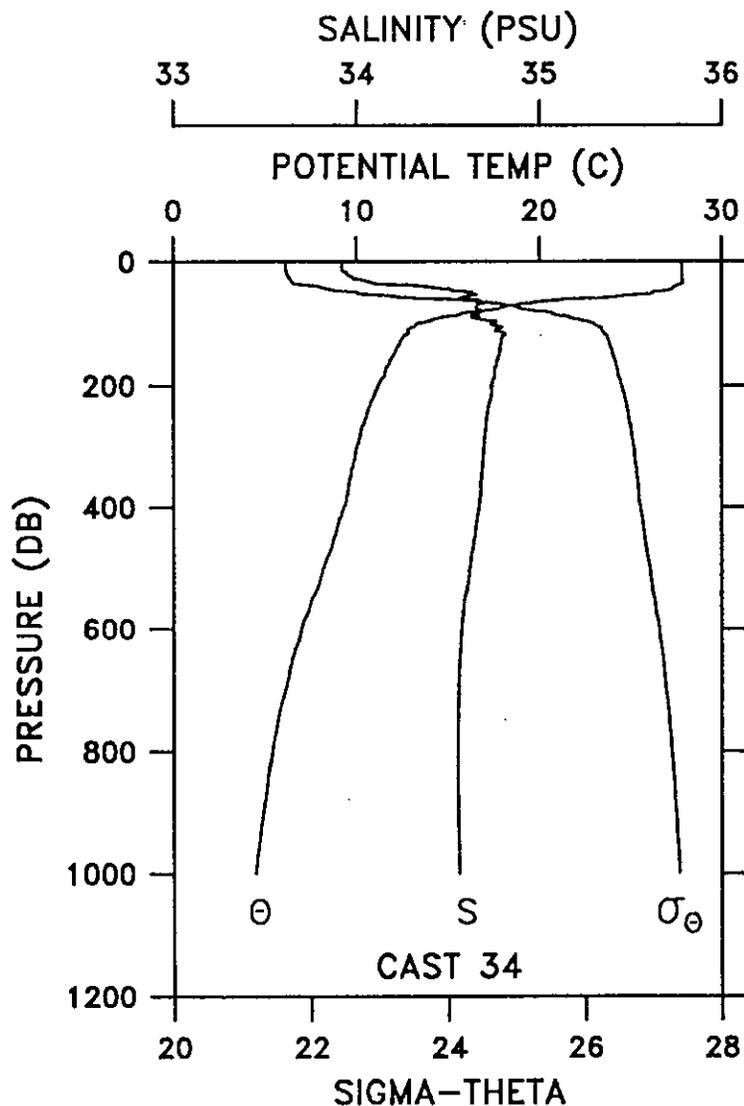
CAST EP4-91-DI -033 DATE 07 DEC 91 TIME 1201 GMT
 LAT 07 00.4N LONG 124 59.9W WEATHER 2 SEA STATE 2
 BAROMETER 08 WIND DIR 330 T SPD 05 KT VISIBILITY 7
 CLOUD 7 AMOUNT 7 DRY 25.2 WET 23.6 DEPTH 4575 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.821	34.211	21.862	0.000
10	27.819	34.211	21.862	0.059
20	27.848	34.267	21.895	0.119
30	27.846	34.389	21.988	0.178
40	27.850	34.462	22.041	0.236
50	27.791	34.570	22.141	0.293
60	27.541	34.595	22.241	0.350
70	26.772	34.639	22.521	0.405
80	23.228	34.766	23.692	0.452
90	20.189	34.701	24.485	0.491
100	18.111	34.680	25.477	0.520
110	14.837	34.849	25.738	0.544
120	13.648	34.703	26.032	0.568
130	13.176	34.719	26.140	0.585
140	12.766	34.755	26.250	0.604
150	12.411	34.770	26.332	0.621
160	12.065	34.764	26.394	0.638
170	11.994	34.787	26.426	0.655
180	11.830	34.780	26.451	0.671
190	11.590	34.771	26.489	0.687
200	11.487	34.761	26.500	0.703
250	10.662	34.725	26.622	0.779
300	10.208	34.704	26.685	0.851
350	9.817	34.689	26.741	0.921
400	9.356	34.671	26.803	0.988
450	8.838	34.643	26.865	1.053
500	8.178	34.618	26.947	1.114
550	7.605	34.598	27.015	1.173
600	6.999	34.575	27.084	1.228
650	6.543	34.565	27.138	1.280
700	6.141	34.559	27.188	1.330
750	5.810	34.556	27.226	1.377
800	5.542	34.555	27.258	1.424
900	5.063	34.555	27.316	1.512
1000	4.608	34.559	27.370	1.596
1011	4.590	34.561	27.373	1.604

CAST EP4-91-DI -034 DATE 07 DEC 91 TIME 1725 GMT
LAT 07 59.9N LONG 124 59.5W

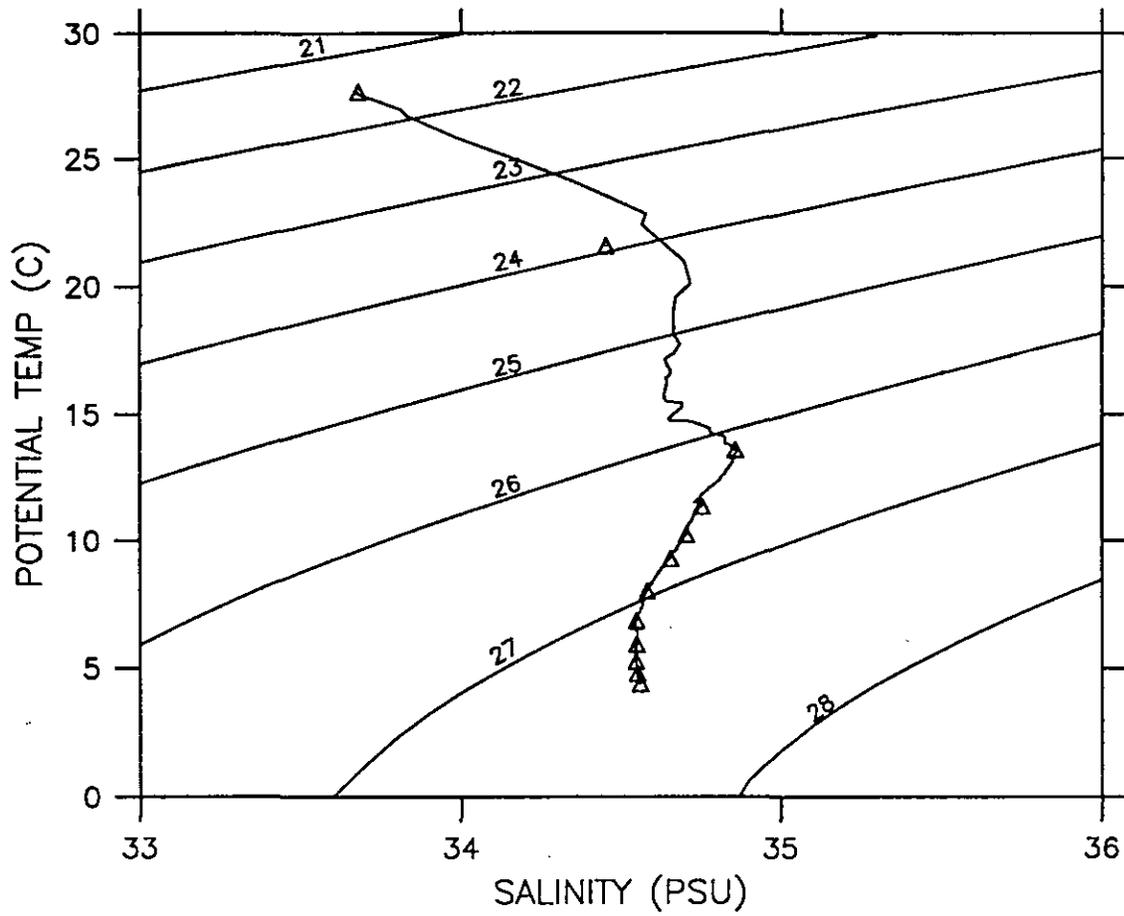


CAST EP4-91-DI-034 DATE 07 DEC 91 TIME 1725 GMT
 LAT 07 59.9N LONG 124 59.5W WEATHER 2 SEA STATE 4
 BAROMETER 09 WIND DIR 075 T SPD 20 KT VISIBILITY 7
 CLOUD 6 AMOUNT 7 DRY 26.6 WET 25.2 DEPTH 4690 M

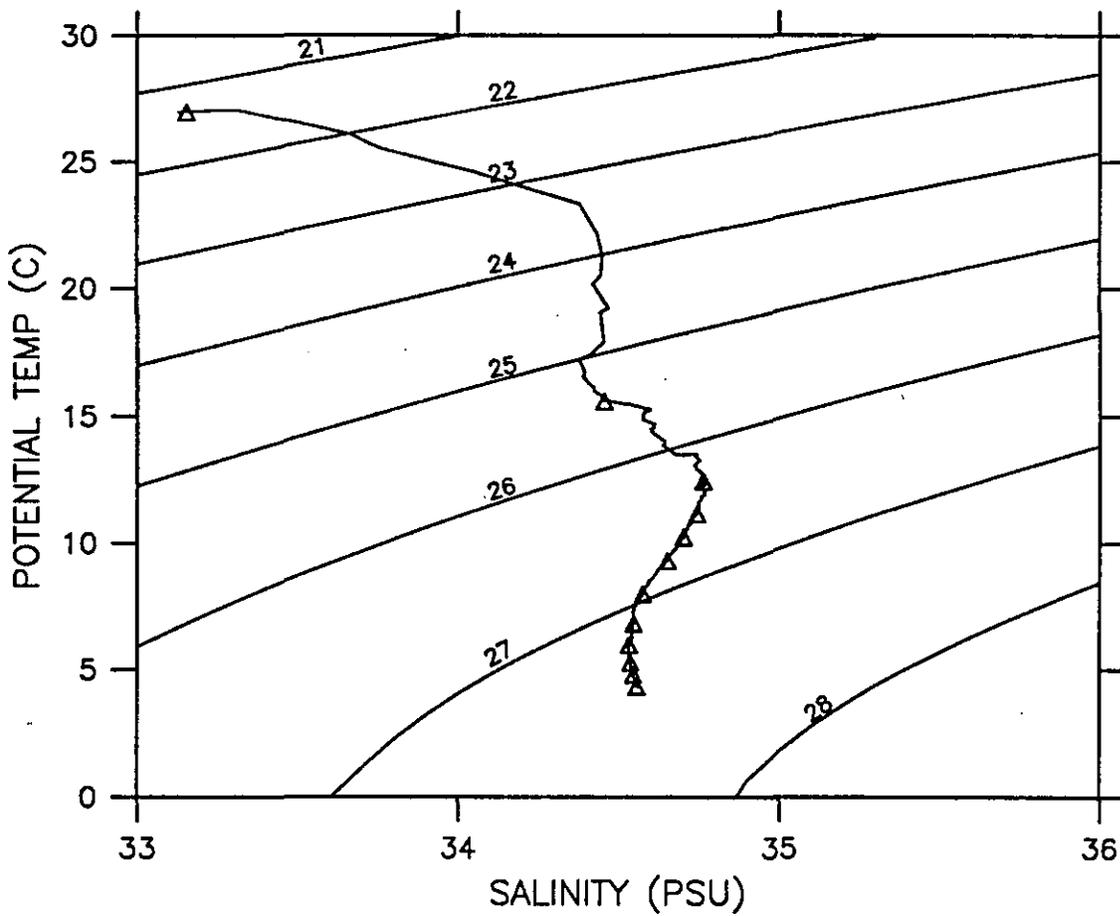


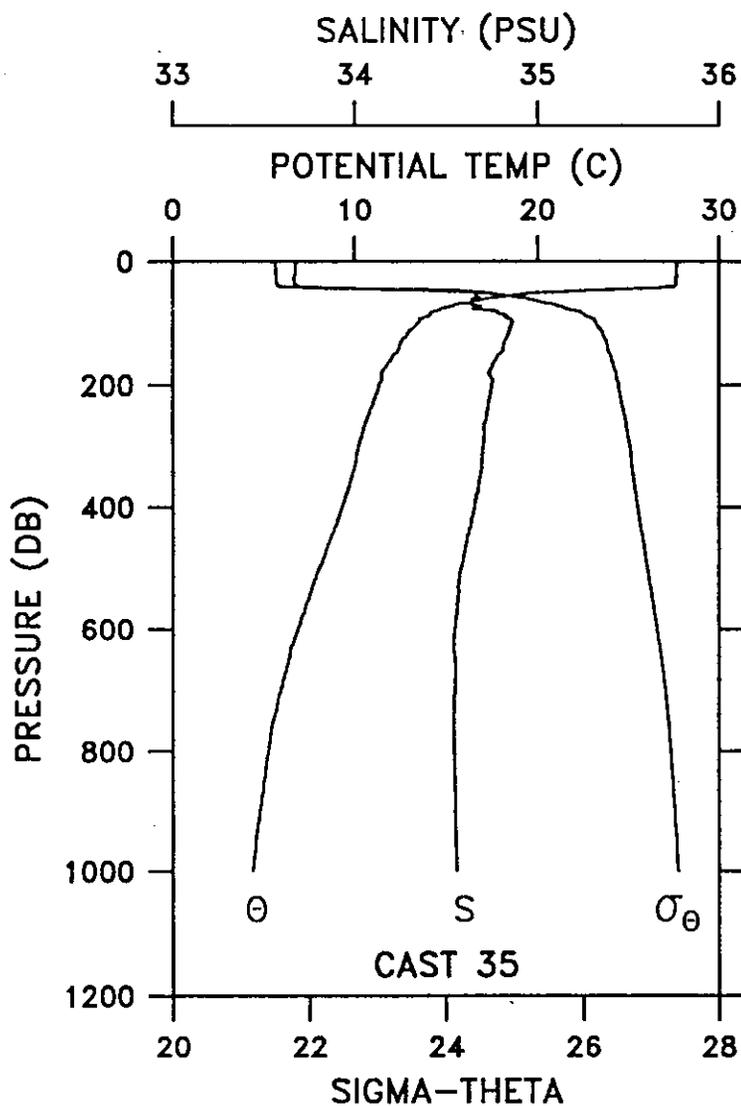
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.826	33.921	21.642	0.000
10	27.824	33.921	21.643	0.062
20	27.843	33.949	21.658	0.123
30	27.869	34.036	21.715	0.184
40	27.434	34.375	22.110	0.244
50	26.227	34.628	22.684	0.299
60	21.484	34.616	24.071	0.347
70	18.529	34.660	24.882	0.381
80	16.351	34.671	25.415	0.410
90	14.554	34.642	25.794	0.434
100	13.229	34.732	26.140	0.454
110	12.802	34.759	26.246	0.472
120	12.557	34.796	26.323	0.490
130	12.379	34.792	26.355	0.507
140	12.208	34.782	26.380	0.524
150	12.042	34.781	26.411	0.540
160	11.810	34.766	26.444	0.557
170	11.648	34.756	26.467	0.573
180	11.558	34.756	26.484	0.589
190	11.345	34.744	26.514	0.605
200	11.195	34.738	26.536	0.620
250	10.543	34.712	26.634	0.695
300	10.025	34.696	26.711	0.766
350	9.668	34.682	26.761	0.834
400	9.298	34.668	26.810	0.901
450	8.769	34.643	26.876	0.965
500	8.175	34.616	26.946	1.027
550	7.570	34.588	27.014	1.085
600	6.995	34.573	27.083	1.140
650	6.491	34.562	27.143	1.193
700	6.150	34.558	27.184	1.242
750	5.722	34.554	27.235	1.290
800	5.414	34.553	27.272	1.335
900	4.903	34.555	27.334	1.422
1000	4.492	34.560	27.384	1.504
1006	4.458	34.561	27.388	1.509

CAST EP4-91-DI -035 DATE 07 DEC 91 TIME 2316 GMT
LAT 09 00.0N LONG 124 59.8W



CAST EP4-91-DI -036 DATE 08 DEC 91 TIME 0457 GMT
LAT 10 00.1N LONG 125 00.0W

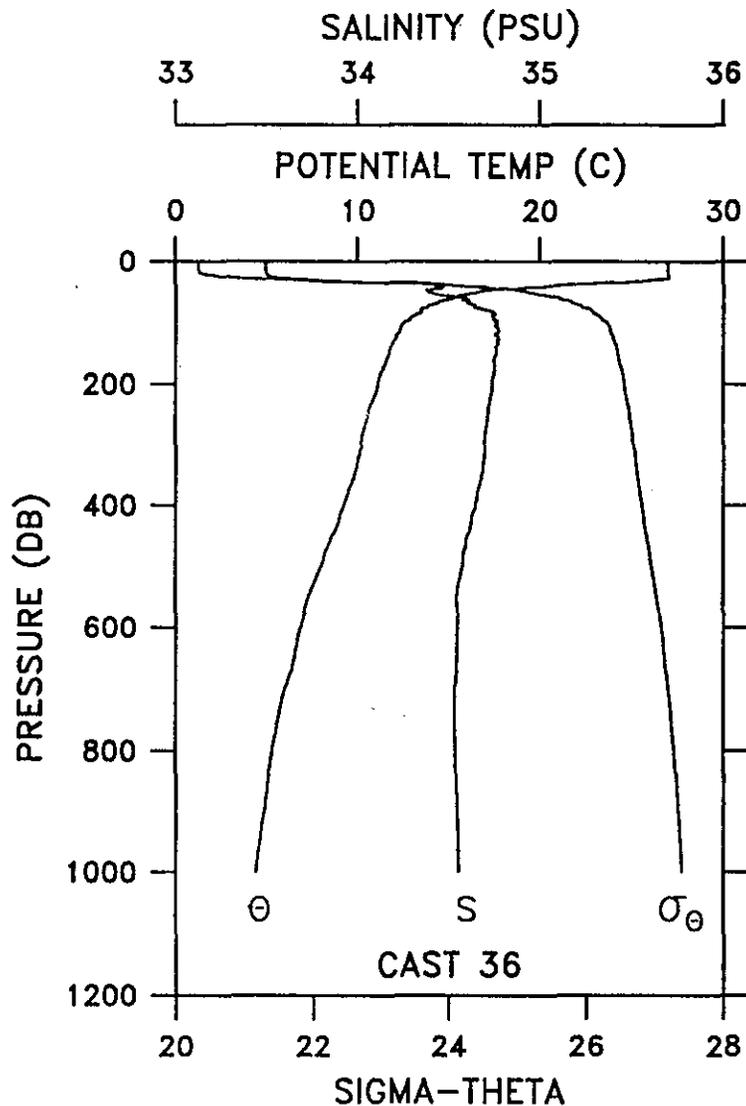




CAST EP4-91-DI-035 DATE 07 DEC 91 TIME 2316 GMT
 LAT 09 00.0N LONG 124 59.8W WEATHER 1 SEA STATE 4
 BAROMETER 06 WIND DIR 045 T SPD 20 KT VISIBILITY 8
 CLOUD 8 AMOUNT 4 DRY 28.2 WET 25.2 DEPTH 4717 M

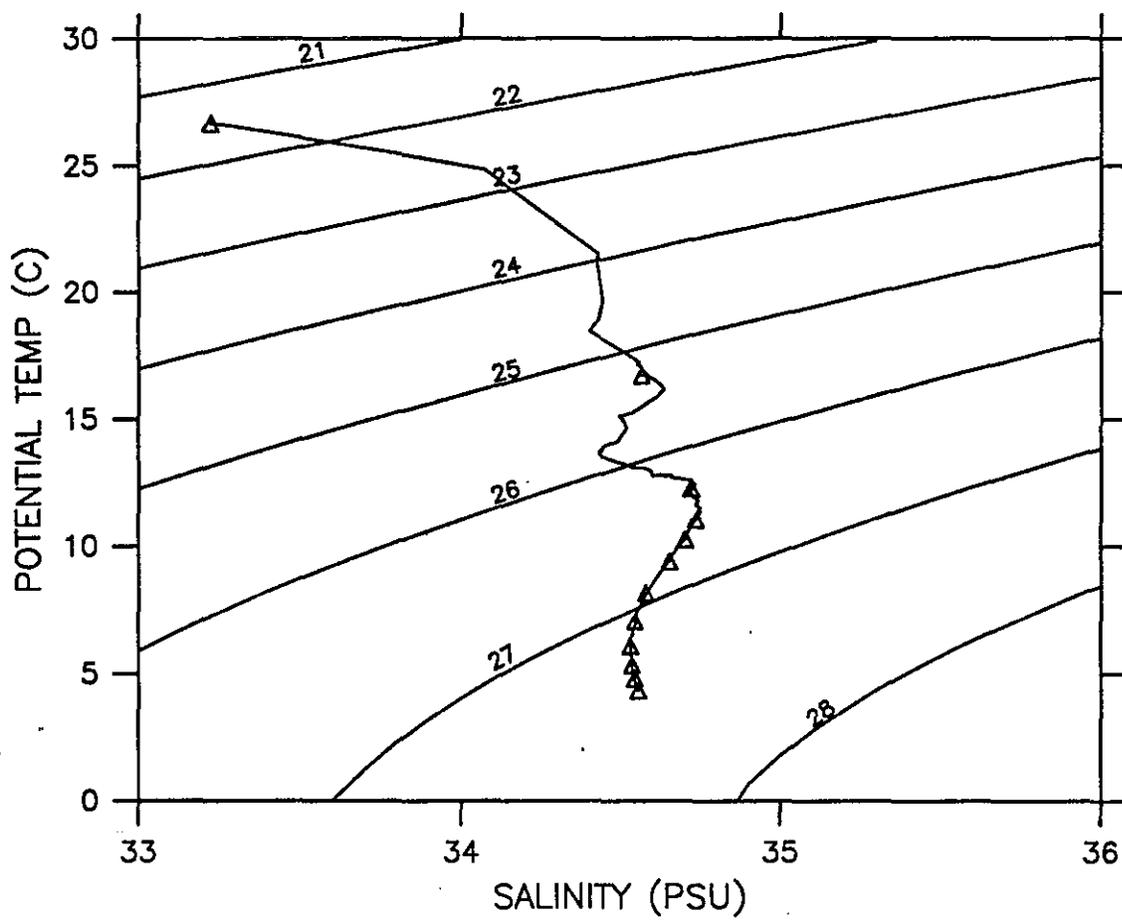
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.665	33.676	21.510	0.000
10	27.659	33.675	21.511	0.063
20	27.643	33.673	21.515	0.128
30	27.612	33.667	21.520	0.189
40	27.530	33.687	21.562	0.251
50	20.092	34.717	24.523	0.299
60	17.210	34.646	25.194	0.330
70	15.477	34.645	25.593	0.356
80	14.432	34.780	25.926	0.379
90	13.832	34.828	26.090	0.399
100	13.488	34.861	26.186	0.418
110	13.109	34.852	26.257	0.436
120	12.869	34.838	26.294	0.454
130	12.598	34.821	26.335	0.471
140	12.470	34.813	26.354	0.488
150	12.212	34.793	26.388	0.505
160	11.976	34.772	26.417	0.522
170	11.742	34.752	26.446	0.538
180	11.491	34.733	26.478	0.554
190	11.520	34.751	26.487	0.570
200	11.361	34.749	26.515	0.586
250	10.742	34.721	26.605	0.662
300	10.226	34.704	26.682	0.735
350	9.855	34.686	26.732	0.805
400	9.326	34.656	26.797	0.872
450	8.687	34.617	26.868	0.937
500	8.030	34.583	26.942	0.999
550	7.490	34.567	27.009	1.057
600	6.873	34.549	27.081	1.112
650	6.378	34.550	27.149	1.164
700	5.941	34.550	27.205	1.213
750	5.518	34.544	27.253	1.260
800	5.270	34.546	27.284	1.304
900	4.786	34.550	27.343	1.390
1000	4.396	34.561	27.395	1.470
1005	4.377	34.561	27.397	1.474

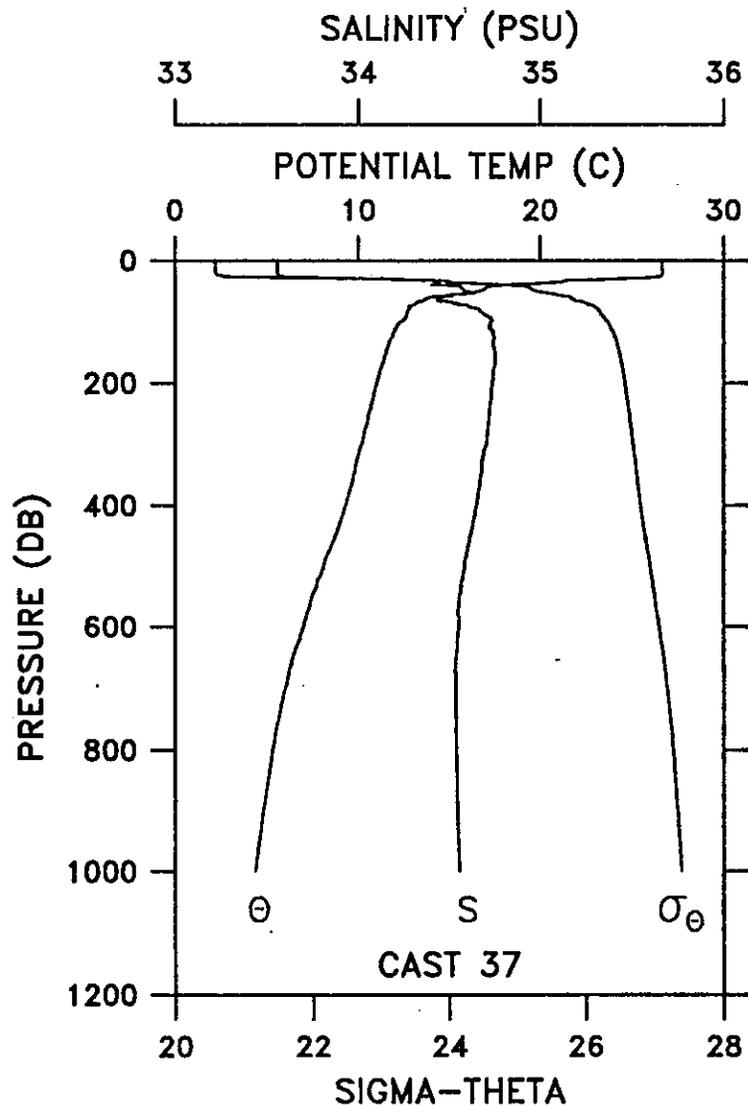
CAST EP4-91-DI -036 DATE 08 DEC 91 TIME 0457 GMT
 LAT 10 00.1N LONG 125 00.0W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 050 T SPD 17 KT VISIBILITY 8
 CLOUD X AMOUNT 9 DRY 26.6 WET 24.5 DEPTH 4666 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.972	33.127	21.319	0.000
10	26.971	33.127	21.319	0.065
20	26.991	33.149	21.329	0.129
30	26.074	33.661	22.002	0.193
40	20.506	34.449	24.208	0.240
50	16.589	34.395	25.148	0.272
60	15.244	34.602	25.613	0.298
70	14.164	34.628	25.866	0.320
80	13.497	34.720	26.076	0.341
90	13.012	34.742	26.191	0.360
100	12.567	34.758	26.292	0.378
110	12.350	34.773	26.346	0.395
120	12.140	34.759	26.376	0.412
130	12.007	34.769	26.408	0.428
140	11.830	34.760	26.435	0.445
150	11.739	34.760	26.453	0.461
160	11.589	34.750	26.473	0.477
170	11.461	34.755	26.501	0.493
180	11.278	34.748	26.529	0.508
190	11.198	34.744	26.541	0.524
200	11.142	34.742	26.549	0.539
250	10.584	34.718	26.631	0.613
300	10.195	34.700	26.685	0.685
350	9.798	34.682	26.738	0.755
400	9.215	34.646	26.806	0.822
450	8.561	34.603	26.877	0.887
500	7.972	34.579	26.948	0.948
550	7.279	34.548	27.024	1.006
600	6.811	34.549	27.090	1.060
650	6.478	34.547	27.133	1.112
700	5.968	34.535	27.189	1.162
750	5.577	34.535	27.238	1.209
800	5.267	34.539	27.279	1.254
900	4.804	34.548	27.340	1.340
1000	4.386	34.557	27.393	1.421
1010	4.320	34.562	27.404	1.428

CAST EP4-91-DI -037 DATE 08 DEC 91 TIME 1026 GMT
LAT 10 59.4N LONG 125 00.0W

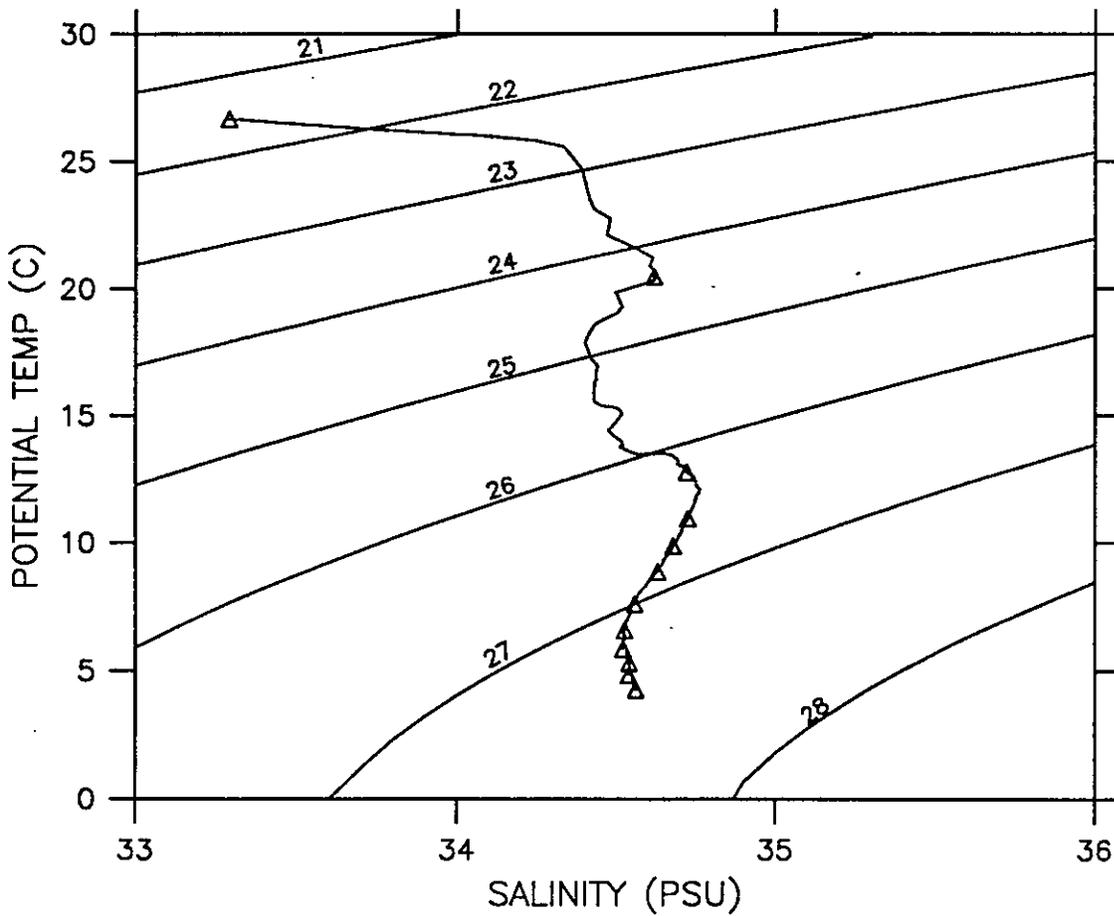


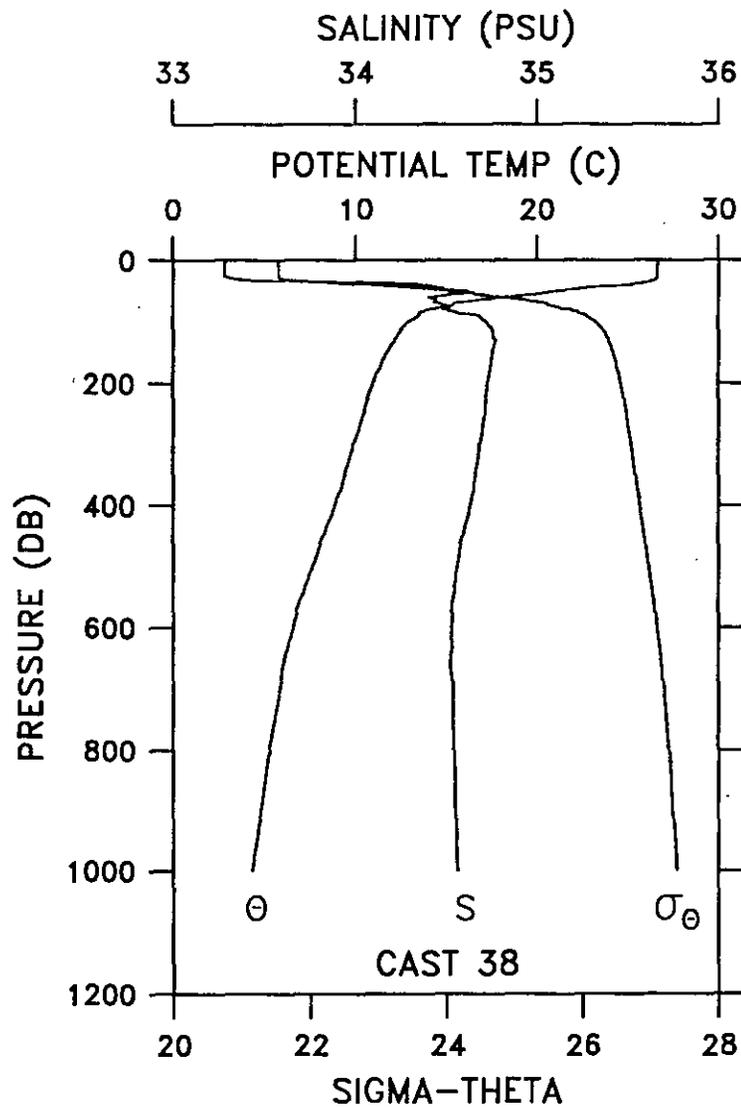


CAST EP4-91-DI -037 DATE 08 DEC 91 TIME 1028 GMT
 LAT 10 59.4N LONG 125 00.0W WEATHER 0 SEA STATE 4
 BAROMETER 75 WIND DIR 050 T SPD 18 KT VISIBILITY 9
 CLOUD 0 AMOUNT 0 DRY 26.0 WET 24.0 DEPTH 4695 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.669	33.221	21.485	0.000
10	26.670	33.221	21.485	0.063
20	26.670	33.223	21.486	0.126
30	24.845	34.072	22.689	0.187
40	18.441	34.404	24.707	0.227
50	16.689	34.592	25.275	0.255
60	13.976	34.454	25.771	0.280
70	13.112	34.537	26.012	0.301
80	12.783	34.666	26.178	0.320
90	12.623	34.705	26.240	0.338
100	12.307	34.729	26.320	0.356
110	12.058	34.721	26.362	0.373
120	11.890	34.741	26.410	0.390
130	11.718	34.743	26.443	0.406
140	11.607	34.742	26.484	0.422
150	11.531	34.754	26.487	0.438
160	11.408	34.751	26.508	0.453
170	11.302	34.751	26.527	0.469
180	11.178	34.741	26.542	0.484
190	11.085	34.742	26.559	0.499
200	11.004	34.735	26.569	0.514
250	10.563	34.717	26.633	0.589
300	10.174	34.703	26.690	0.660
350	9.735	34.673	26.742	0.730
400	9.283	34.650	26.799	0.797
450	8.707	34.615	26.864	0.862
500	8.086	34.583	26.934	0.924
550	7.455	34.556	27.005	0.983
600	6.997	34.551	27.066	1.039
650	6.426	34.537	27.132	1.091
700	6.006	34.536	27.186	1.141
750	5.639	34.538	27.233	1.189
800	5.303	34.539	27.274	1.234
900	4.803	34.545	27.337	1.321
1000	4.367	34.556	27.394	1.401
1008	4.343	34.556	27.397	1.406

CAST EP4-91-DI -038 DATE 08 DEC 91 TIME 1541 GMT
LAT 12 00.2N LONG 125 00.1W





CAST EP4-91-DI-038 DATE 08 DEC 91 TIME 1541 GMT
 LAT 12 00.2N LONG 125 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 050 T SPD 12 KT VISIBILITY 8
 CLOUD 8 AMOUNT 6 DRY 25.8 WET 23.6 DEPTH 4731 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.669	33.288	21.536	0.000
10	26.642	33.283	21.540	0.063
20	26.645	33.282	21.539	0.125
30	26.624	33.333	21.583	0.188
40	25.144	34.362	22.818	0.245
50	21.225	34.616	24.142	0.289
60	18.603	34.432	24.688	0.324
70	15.410	34.450	25.458	0.353
80	14.264	34.485	25.734	0.377
90	13.437	34.678	26.056	0.398
100	12.887	34.719	26.199	0.417
110	12.534	34.748	26.291	0.435
120	12.302	34.753	26.340	0.452
130	12.115	34.766	26.386	0.469
140	11.885	34.759	26.424	0.485
150	11.694	34.751	26.455	0.502
160	11.517	34.747	26.484	0.518
170	11.371	34.742	26.508	0.533
180	11.214	34.738	26.533	0.549
190	11.074	34.732	26.554	0.564
200	10.940	34.723	26.571	0.579
250	10.448	34.708	26.646	0.653
300	9.853	34.678	26.726	0.723
350	9.403	34.657	26.784	0.791
400	8.858	34.628	26.850	0.856
450	8.203	34.586	26.918	0.918
500	7.618	34.554	26.981	0.977
550	7.010	34.536	27.052	1.033
600	6.582	34.528	27.103	1.087
650	6.124	34.523	27.160	1.137
700	5.828	34.534	27.208	1.186
750	5.569	34.535	27.239	1.233
800	5.281	34.540	27.278	1.278
900	4.832	34.548	27.337	1.364
1000	4.341	34.560	27.400	1.444
1018	4.265	34.562	27.410	1.458

CAST EP4-91-DI -001 LAT 10 00.1N LONG 141 53.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	27.863	33.432	0.00	27.863	21.263
53.	20.557	34.571	0.00	20.547	24.291
105.	12.639	34.645	0.00	12.625	26.193
197.	11.054	34.701	0.00	11.030	26.538
297.	10.064	34.699	0.00	10.029	26.712
394.	9.321	34.634	0.00	9.277	26.787
489.	8.405	34.606	0.00	8.353	26.911
594.	7.333	34.561	0.00	7.275	27.035
692.	6.454	34.537	0.00	6.390	27.137
791.	5.783	34.536	0.00	5.714	27.222
892.	5.228	34.541	0.00	5.153	27.294
1011.	4.689	34.554	0.00	4.607	27.366

CAST EP4-91-DI -004 LAT 06 59.8N LONG 140 08.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	28.035	34.235	0.00	28.034	21.811
50.	28.294	34.287	0.00	28.282	21.769
101.	24.370	34.691	0.00	24.349	23.306
201.	11.100	34.698	0.00	11.075	26.527
300.	9.669	34.674	0.00	9.635	26.759
400.	9.099	34.643	0.00	9.055	26.830
500.	8.002	34.589	0.00	7.951	26.959
601.	6.946	34.570	0.00	6.889	27.096
699.	6.152	34.555	0.00	6.089	27.190
783.	5.533	34.551	0.00	5.466	27.264
899.	4.997	34.555	0.00	4.923	27.331
1005.	4.543	34.561	0.00	4.463	27.388

CAST EP4-91-DI -002 LAT 08 58.3N LONG 140 16.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	28.056	33.479	0.00	28.055	21.236
54.	26.117	34.243	0.00	26.105	22.432
104.	12.924	34.614	0.00	12.910	26.112
205.	10.554	34.679	0.00	10.529	26.610
302.	9.769	34.689	0.00	9.734	26.754
401.	9.040	34.654	0.00	8.996	26.848
495.	8.082	34.619	0.00	8.031	26.970
601.	7.061	34.561	0.00	7.003	27.073
700.	6.128	34.543	0.00	6.065	27.183
802.	5.466	34.547	0.00	5.397	27.269
901.	4.964	34.556	0.00	4.890	27.336
1019.	4.452	34.563	0.00	4.371	27.399

CAST EP4-91-DI -005 LAT 05 00.2N LONG 140 02.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	28.281	34.310	0.00	28.280	21.787
51.	28.318	34.631	0.00	28.306	22.019
101.	25.889	34.833	0.00	25.867	22.951
199.	12.548	34.626	0.00	12.521	26.198
299.	9.924	34.685	0.00	9.889	26.725
399.	9.097	34.647	0.00	9.053	26.834
498.	8.167	34.608	0.00	8.115	26.949
599.	7.053	34.579	0.00	6.995	27.088
698.	6.151	34.555	0.00	6.088	27.190
799.	5.592	34.552	0.00	5.523	27.258
896.	5.153	34.555	0.00	5.078	27.314
1002.	4.588	34.564	0.00	4.508	27.385

CAST EP4-91-DI -003 LAT 08 00.0N LONG 140 12.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	28.339	33.854	0.00	28.338	21.425
56.	27.900	34.221	0.00	27.887	21.848
105.	14.786	34.604	0.00	14.770	25.717
203.	10.741	34.707	0.00	10.716	26.599
304.	9.780	34.678	0.00	9.745	26.744
404.	9.152	34.660	0.00	9.107	26.835
503.	8.146	34.613	0.00	8.094	26.956
602.	6.925	34.560	0.00	6.868	27.091
705.	6.129	34.543	0.00	6.066	27.183
801.	5.381	34.545	0.00	5.313	27.278
904.	4.981	34.554	0.00	4.906	27.333
1011.	4.492	34.562	0.00	4.411	27.394

CAST EP4-91-DI -006 LAT 04 00.4N LONG 140 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	27.658	34.752	0.00	27.657	22.322
51.	27.663	34.795	0.00	27.651	22.356
102.	27.541	34.884	0.00	27.517	22.466
203.	12.213	34.618	0.00	12.186	26.257
301.	9.982	34.683	0.00	9.947	26.714
401.	9.210	34.644	0.00	9.165	26.813
499.	8.323	34.609	0.00	8.271	26.926
600.	7.074	34.579	0.00	7.016	27.085
702.	6.153	34.559	0.00	6.090	27.193
799.	5.458	34.554	0.00	5.390	27.276
900.	4.854	34.556	0.00	4.781	27.348
1013.	4.358	34.568	0.00	4.278	27.413

CAST EP4-91-DI -007 LAT 02 59.8N LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	27.990	34.812	0.00	27.989	22.259
51.	27.810	34.803	0.00	27.798	22.314
99.	27.574	34.861	0.00	27.551	22.438
200.	13.174	34.901	0.00	13.146	26.287
302.	11.525	34.815	0.00	11.487	26.543
401.	10.072	34.711	0.00	10.025	26.722
499.	8.676	34.641	0.00	8.622	26.897
598.	7.125	34.590	0.00	7.067	27.087
697.	6.030	34.556	0.00	5.968	27.206
797.	5.286	34.552	0.00	5.219	27.295
897.	4.748	34.558	0.00	4.676	27.362
1001.	4.233	34.566	0.00	4.155	27.425

CAST EP4-91-DI -010 LAT 00 59.9N LONG 140 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	27.835	34.757	0.00	27.834	22.268
54.	27.863	34.792	0.00	27.850	22.289
103.	25.350	34.614	0.00	25.327	22.952
204.	13.203	34.820	0.00	13.175	26.219
305.	11.755	34.836	0.00	11.716	26.516
403.	9.815	34.628	0.00	9.768	26.701
506.	7.977	34.620	0.00	7.925	26.987
602.	7.216	34.587	0.00	7.157	27.072
702.	6.263	34.560	0.00	6.199	27.180
800.	5.631	34.547	0.00	5.562	27.250
900.	4.988	34.547	0.00	4.914	27.326
1021.	4.403	34.559	0.00	4.322	27.401

CAST EP4-91-DI -008 LAT 01 59.2N LONG 140 25.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	27.959	34.785	0.00	27.958	22.249
54.	27.891	34.785	0.00	27.878	22.275
102.	27.337	34.937	0.00	27.313	22.572
201.	13.141	34.890	0.00	13.113	26.286
302.	11.716	34.814	0.00	11.677	26.506
402.	10.695	34.470	0.00	10.646	26.426
501.	9.359	34.671	0.00	9.303	26.812
599.	7.246	34.583	0.00	7.188	27.064
697.	6.258	34.555	0.00	6.195	27.176
798.	5.512	34.548	0.00	5.443	27.265
899.	4.972	34.548	0.00	4.898	27.329
1001.	4.497	34.559	0.00	4.417	27.391

CAST EP4-91-DI -011 LAT 00 30.1N LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	27.443	34.791	0.00	27.442	22.421
54.	26.420	34.709	0.00	26.408	22.688
103.	24.540	34.924	0.00	24.518	23.431
199.	13.023	34.829	0.00	12.996	26.262
301.	11.909	34.843	0.00	11.870	26.492
401.	10.042	34.693	0.00	9.995	26.713
502.	8.077	34.610	0.00	8.025	26.964
601.	7.462	34.600	0.00	7.402	27.047
701.	6.234	34.558	0.00	6.170	27.182
801.	5.690	34.548	0.00	5.620	27.243
893.	5.003	34.546	0.00	4.929	27.324
1002.	4.555	34.557	0.00	4.475	27.383

CAST EP4-91-DI -009 LAT 01 30.0N LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	27.993	34.744	0.00	27.992	22.207
52.	27.949	34.755	0.00	27.937	22.233
100.	25.242	34.635	0.00	25.220	23.000
199.	13.256	34.914	0.00	13.228	26.281
300.	11.706	34.827	0.00	11.667	26.518
397.	10.489	34.738	0.00	10.441	26.671
498.	8.039	34.614	0.00	7.988	26.973
595.	6.954	34.576	0.00	6.897	27.099
697.	6.131	34.557	0.00	6.068	27.194
798.	5.643	34.548	0.00	5.574	27.249
893.	5.111	34.548	0.00	5.036	27.313
1006.	4.468	34.559	0.00	4.388	27.394

CAST EP4-91-DI -014 LAT 00 00.0N LONG 140 03.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	27.010	34.927	0.00	27.009	22.662
502.	8.055	34.628	0.00	8.003	26.981
1001.	4.707	34.556	0.00	4.626	27.366
1500.	3.121	34.595	0.00	3.012	27.561
2001.	2.287	34.644	0.00	2.146	27.675
2499.	1.867	34.665	0.00	1.689	27.727
3001.	1.663	34.677	0.00	1.443	27.755
3252.	1.599	34.681	0.00	1.355	27.765
3503.	1.534	34.685	0.00	1.267	27.774
3755.	1.432	34.696	0.00	1.141	27.792
4014.	1.421	34.694	0.00	1.103	27.793
4122.	1.418	34.694	0.00	1.088	27.794

CAST EP4-91-DI -015 LAT 00 30.1S LONG 139 59.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	27.137	35.091	0.00	27.136	22.745
51.	27.128	35.104	0.00	27.116	22.761
98.	26.560	35.418	0.00	26.538	23.182
201.	14.487	35.055	0.00	14.457	26.133
301.	11.697	34.841	0.00	11.658	26.531
400.	9.745	34.723	0.00	9.699	26.787
499.	8.204	34.644	0.00	8.152	26.972
598.	7.090	34.585	0.00	7.032	27.088
698.	6.210	34.558	0.00	6.147	27.185
797.	5.534	34.549	0.00	5.466	27.263
900.	4.985	34.549	0.00	4.911	27.328
1003.	4.567	34.556	0.00	4.487	27.381

CAST EP4-91-DI -018 LAT 02 00.0S LONG 139 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	27.500	35.270	0.00	27.499	22.763
503.	8.348	34.650	0.00	8.295	26.955
1001.	4.431	34.556	0.00	4.352	27.396
1484.	3.048	34.600	0.00	2.941	27.571
2001.	2.250	34.646	0.00	2.110	27.679
2502.	1.835	34.664	0.00	1.658	27.729
2753.	1.724	34.669	0.00	1.526	27.743
3005.	1.645	34.673	0.00	1.425	27.753
3250.	1.572	34.678	0.00	1.329	27.764
3502.	1.480	34.687	0.00	1.214	27.779
3751.	1.440	34.691	0.00	1.149	27.787
4013.	1.413	34.694	0.00	1.095	27.793

CAST EP4-91-DI -016 LAT 00 59.9S LONG 139 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	27.169	35.117	0.00	27.168	22.754
57.	27.176	35.114	0.00	27.163	22.754
107.	26.498	35.393	0.00	26.474	23.183
205.	13.276	34.985	0.00	13.247	26.332
302.	11.502	34.819	0.00	11.464	26.550
402.	9.896	34.727	0.00	9.849	26.765
502.	8.087	34.628	0.00	8.035	26.977
602.	7.156	34.575	0.00	7.098	27.071
701.	6.180	34.557	0.00	6.117	27.188
802.	5.474	34.548	0.00	5.405	27.269
901.	4.916	34.549	0.00	4.842	27.336
990.	4.548	34.554	0.00	4.469	27.382

CAST EP4-91-DI -019 LAT 02 59.9S LONG 139 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	27.716	35.325	0.00	27.715	22.734
55.	27.691	35.323	0.00	27.678	22.745
102.	27.675	35.325	0.00	27.651	22.755
200.	13.050	34.922	0.00	13.022	26.329
301.	11.892	34.851	0.00	11.853	26.502
400.	10.350	34.775	0.00	10.302	26.725
499.	8.135	34.639	0.00	8.083	26.978
600.	7.295	34.598	0.00	7.236	27.069
701.	6.413	34.564	0.00	6.349	27.163
799.	5.692	34.553	0.00	5.622	27.247
900.	5.167	34.543	0.00	5.091	27.302
1004.	4.618	34.551	0.00	4.537	27.372

CAST EP4-91-DI -017 LAT 01 30.0S LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	27.444	35.224	0.00	27.443	22.746
54.	27.402	35.224	0.00	27.389	22.764
103.	26.289	35.383	0.00	26.266	23.241
201.	12.799	34.906	0.00	12.772	26.366
301.	11.654	34.832	0.00	11.615	26.532
400.	9.728	34.721	0.00	9.682	26.788
500.	7.875	34.617	0.00	7.824	26.999
602.	6.935	34.583	0.00	6.878	27.107
701.	6.239	34.559	0.00	6.175	27.182
799.	5.654	34.546	0.00	5.585	27.246
899.	4.808	34.549	0.00	4.735	27.348
1003.	4.397	34.559	0.00	4.318	27.402

CAST EP4-91-DI -020 LAT 04 00.2S LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	27.611	35.273	0.00	27.610	22.729
54.	27.641	35.283	0.00	27.628	22.731
105.	27.169	35.420	0.00	27.145	22.990
203.	14.441	35.111	0.00	14.411	26.186
303.	11.668	34.858	0.00	11.629	26.550
401.	9.846	34.737	0.00	9.800	26.781
500.	8.476	34.659	0.00	8.423	26.942
602.	7.369	34.603	0.00	7.310	27.063
703.	6.459	34.565	0.00	6.394	27.158
802.	5.588	34.540	0.00	5.519	27.249
902.	4.830	34.540	0.00	4.757	27.338
1001.	4.382	34.548	0.00	4.303	27.395

CAST EP4-91-DI -021 LAT 05 00.4S LONG 140 00.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	27.882	35.521	0.00	27.881	22.828
499.	8.515	34.661	0.00	8.462	26.938
996.	4.581	34.547	0.00	4.501	27.372
1495.	2.969	34.604	0.00	2.862	27.582
1999.	2.294	34.640	0.00	2.153	27.671
2500.	1.878	34.664	0.00	1.700	27.726
3001.	1.623	34.681	0.00	1.403	27.761
3246.	1.544	34.682	0.00	1.302	27.769
3499.	1.500	34.689	0.00	1.234	27.780
3753.	1.457	34.685	0.00	1.166	27.781
4006.	1.424	34.695	0.00	1.106	27.793
4157.	1.388	34.697	0.00	1.055	27.798

CAST EP4-91-DI -024 LAT 00 00.8N LONG 124 25.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	25.707	35.143	0.00	25.706	23.234
501.	7.989	34.622	0.00	7.938	26.987
999.	4.657	34.555	0.00	4.576	27.371
1500.	3.264	34.595	0.00	3.153	27.548
2003.	2.353	34.636	0.00	2.211	27.663
2502.	1.923	34.662	0.00	1.744	27.721
3001.	1.712	34.667	0.00	1.490	27.744
3499.	1.556	34.682	0.00	1.288	27.770
3754.	1.428	34.691	0.00	1.137	27.788
4004.	1.429	34.693	0.00	1.112	27.791
4257.	1.455	34.691	0.00	1.109	27.790
4510.	1.483	34.695	0.00	1.107	27.793

CAST EP4-91-DI -022 LAT 00 00.3S LONG 135 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	26.435	35.046	0.00	26.434	22.934
499.	8.344	34.642	0.00	8.292	26.949
997.	4.609	34.557	0.00	4.529	27.377
1497.	3.072	34.602	0.00	2.964	27.571
1998.	2.293	34.642	0.00	2.152	27.673
2507.	1.890	34.663	0.00	1.711	27.724
3000.	1.707	34.674	0.00	1.486	27.750
3501.	1.483	34.687	0.00	1.217	27.779
3738.	1.394	34.693	0.00	1.106	27.792
4004.	1.411	34.687	0.00	1.094	27.788
4257.	1.435	34.688	0.00	1.090	27.789

CAST EP4-91-DI -025 LAT 00 30.2N LONG 124 32.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	25.659	35.131	0.00	25.658	23.240
55.	25.456	35.094	0.00	25.444	23.278
103.	24.614	34.877	0.00	24.592	23.373
201.	13.470	34.852	0.00	13.442	26.189
302.	12.000	34.848	0.00	11.960	26.479
401.	9.824	34.706	0.00	9.778	26.760
499.	7.958	34.626	0.00	7.907	26.994
601.	7.119	34.590	0.00	7.061	27.088
670.	6.279	34.566	0.00	6.218	27.182
801.	5.660	34.555	0.00	5.590	27.252
901.	4.961	34.553	0.00	4.887	27.334
1003.	4.710	34.556	0.00	4.629	27.366

CAST EP4-91-DI -023 LAT 00 00.0N LONG 129 59.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	26.191	35.117	0.00	26.190	23.064
503.	8.169	34.631	0.00	8.117	26.967
997.	4.720	34.555	0.00	4.639	27.364
1499.	3.138	34.601	0.00	3.029	27.564
2004.	2.310	34.600	0.00	2.169	27.638
2496.	1.915	34.660	0.00	1.737	27.720
3005.	1.689	34.656	0.00	1.468	27.736
3254.	1.610	34.676	0.00	1.366	27.760
3504.	1.483	34.688	0.00	1.217	27.780
3716.	1.364	34.691	0.00	1.079	27.792
4007.	1.424	34.689	0.00	1.106	27.788
4213.	1.442	34.693	0.00	1.101	27.792

CAST EP4-91-DI -026 LAT 01 00.3N LONG 124 41.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	25.269	34.855	0.00	25.268	23.152
54.	25.193	34.839	0.00	25.181	23.166
102.	24.555	34.793	0.00	24.533	23.328
203.	13.501	34.924	0.00	13.472	26.239
304.	11.828	34.829	0.00	11.789	26.497
397.	10.277	34.748	0.00	10.230	26.716
500.	8.099	34.627	0.00	8.047	26.974
601.	6.979	34.580	0.00	6.922	27.099
702.	6.277	34.558	0.00	6.213	27.176
800.	5.619	34.548	0.00	5.550	27.252
903.	5.107	34.543	0.00	5.032	27.309
1014.	4.587	34.561	0.00	4.506	27.383

CAST EP4-91-DI -027 LAT 01 30.0N LONG 124 51.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	25.427	34.795	0.00	25.426	23.058
50.	25.333	34.814	0.00	25.322	23.104
100.	24.611	34.797	0.00	24.590	23.314
199.	13.326	34.918	0.00	13.298	26.270
301.	12.217	34.853	0.00	12.177	26.441
399.	10.282	34.734	0.00	10.235	26.704
497.	8.344	34.628	0.00	8.292	26.938
598.	6.925	34.575	0.00	6.868	27.102
697.	6.169	34.555	0.00	6.106	27.188
797.	5.577	34.548	0.00	5.508	27.257
899.	5.091	34.549	0.00	5.016	27.316
1015.	4.637	34.556	0.00	4.555	27.374

CAST EP4-91-DI -030 LAT 04 00.0N LONG 125 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	27.343	34.660	0.00	27.342	22.354
51.	27.275	34.668	0.00	27.263	22.386
100.	26.468	34.762	0.00	26.445	22.716
199.	12.161	34.682	0.00	12.135	26.317
298.	9.875	34.685	0.00	9.841	26.733
399.	9.207	34.663	0.00	9.163	26.828
498.	8.220	34.627	0.00	8.168	26.956
600.	6.671	34.570	0.00	6.615	27.133
698.	6.051	34.559	0.00	5.989	27.206
797.	5.526	34.556	0.00	5.457	27.269
897.	4.995	34.556	0.00	4.921	27.332
996.	4.573	34.563	0.00	4.493	27.386

CAST EP4-91-DI -028 LAT 01 57.0N LONG 125 06.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	26.177	34.715	0.00	26.176	22.765
499.	8.494	34.628	0.00	8.441	26.915
997.	4.623	34.555	0.00	4.543	27.374
1499.	3.103	34.605	0.00	2.994	27.570
1997.	2.348	34.639	0.00	2.206	27.666
2500.	1.843	34.665	0.00	1.666	27.729
3000.	1.716	34.673	0.00	1.494	27.748
3507.	1.514	34.685	0.00	1.247	27.775
3751.	1.454	34.689	0.00	1.163	27.784
4003.	1.447	34.688	0.00	1.129	27.786
4237.	1.453	34.674	0.00	1.109	27.776
4507.	1.483	34.692	0.00	1.108	27.791

CAST EP4-91-DI -031 LAT 05 07.5N LONG 125 01.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	27.182	34.676	0.00	27.181	22.418
504.	7.976	34.615	0.00	7.924	26.983
1002.	4.515	34.565	0.00	4.435	27.394
1502.	3.052	34.609	0.00	2.943	27.578
2002.	2.292	34.641	0.00	2.151	27.672
2505.	1.884	34.664	0.00	1.705	27.725
3002.	1.763	34.671	0.00	1.540	27.743
3263.	1.618	34.677	0.00	1.373	27.760
3500.	1.524	34.683	0.00	1.257	27.773
3754.	1.473	34.686	0.00	1.181	27.781
4003.	1.458	34.689	0.00	1.140	27.786
4156.	1.465	34.690	0.00	1.130	27.788

CAST EP4-91-DI -029 LAT 03 00.1N LONG 125 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	26.541	34.803	0.00	26.540	22.717
53.	26.549	34.804	0.00	26.537	22.719
102.	26.558	34.804	0.00	26.535	22.720
202.	13.246	34.910	0.00	13.218	26.280
299.	11.574	34.814	0.00	11.536	26.533
401.	9.755	34.689	0.00	9.709	26.759
499.	8.275	34.631	0.00	8.223	26.951
599.	6.786	34.576	0.00	6.730	27.122
699.	5.944	34.557	0.00	5.882	27.218
801.	5.347	34.551	0.00	5.279	27.287
900.	4.809	34.553	0.00	4.736	27.351
1005.	4.456	34.561	0.00	4.376	27.397

CAST EP4-91-DI -032 LAT 06 00.0N LONG 125 00.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	27.733	34.301	0.00	27.732	21.958
53.	27.497	34.680	0.00	27.485	22.323
103.	23.330	34.696	0.00	23.309	23.615
201.	11.428	34.747	0.00	11.403	26.505
300.	10.213	34.716	0.00	10.178	26.700
402.	9.095	34.662	0.00	9.051	26.846
500.	7.820	34.610	0.00	7.769	27.002
600.	6.719	34.576	0.00	6.663	27.131
701.	6.012	34.561	0.00	5.950	27.212
797.	5.384	34.555	0.00	5.316	27.285
899.	4.918	34.559	0.00	4.844	27.344
1002.	4.553	34.562	0.00	4.473	27.387

CAST EP4-91-DI -033 LAT 07 00.4N LONG 124 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	27.813	34.221	0.00	27.812	21.872
104.	15.801	34.658	0.00	15.785	25.534
206.	11.501	34.762	0.00	11.475	26.504
303.	10.291	34.709	0.00	10.255	26.681
402.	9.520	34.678	0.00	9.475	26.789
502.	8.381	34.626	0.00	8.328	26.931
602.	7.056	34.579	0.00	6.998	27.088
702.	6.172	34.560	0.00	6.109	27.191
802.	5.596	34.556	0.00	5.527	27.261
903.	5.112	34.556	0.00	5.037	27.319
1009.	4.662	34.560	0.00	4.580	27.374

CAST EP4-91-DI -036 LAT 10 00.1N LONG 125 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	26.961	33.149	0.00	26.960	21.339
54.	15.566	34.458	0.00	15.558	25.431
104.	12.455	34.767	0.00	12.441	26.324
201.	11.163	34.747	0.00	11.138	26.554
303.	10.255	34.706	0.00	10.219	26.685
400.	9.331	34.656	0.00	9.286	26.803
503.	8.021	34.579	0.00	7.969	26.948
602.	6.856	34.551	0.00	6.799	27.093
699.	6.027	34.536	0.00	5.965	27.191
800.	5.321	34.541	0.00	5.253	27.282
900.	4.855	34.550	0.00	4.782	27.344
1006.	4.405	34.560	0.00	4.326	27.402

CAST EP4-91-DI -034 LAT 07 59.9N LONG 124 59.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	27.819	33.922	0.00	27.818	21.645
53.	25.158	34.618	0.00	25.147	23.010
103.	13.230	34.742	0.00	13.216	26.150
202.	11.140	34.741	0.00	11.115	26.553
300.	10.049	34.698	0.00	10.014	26.714
401.	9.427	34.672	0.00	9.382	26.800
501.	8.283	34.620	0.00	8.231	26.941
600.	7.052	34.575	0.00	6.994	27.085
700.	6.223	34.560	0.00	6.160	27.185
779.	5.410	34.553	0.00	5.344	27.281
901.	4.968	34.556	0.00	4.894	27.336
999.	4.566	34.562	0.00	4.486	27.386

CAST EP4-91-DI -037 LAT 10 59.4N LONG 125 00.0W

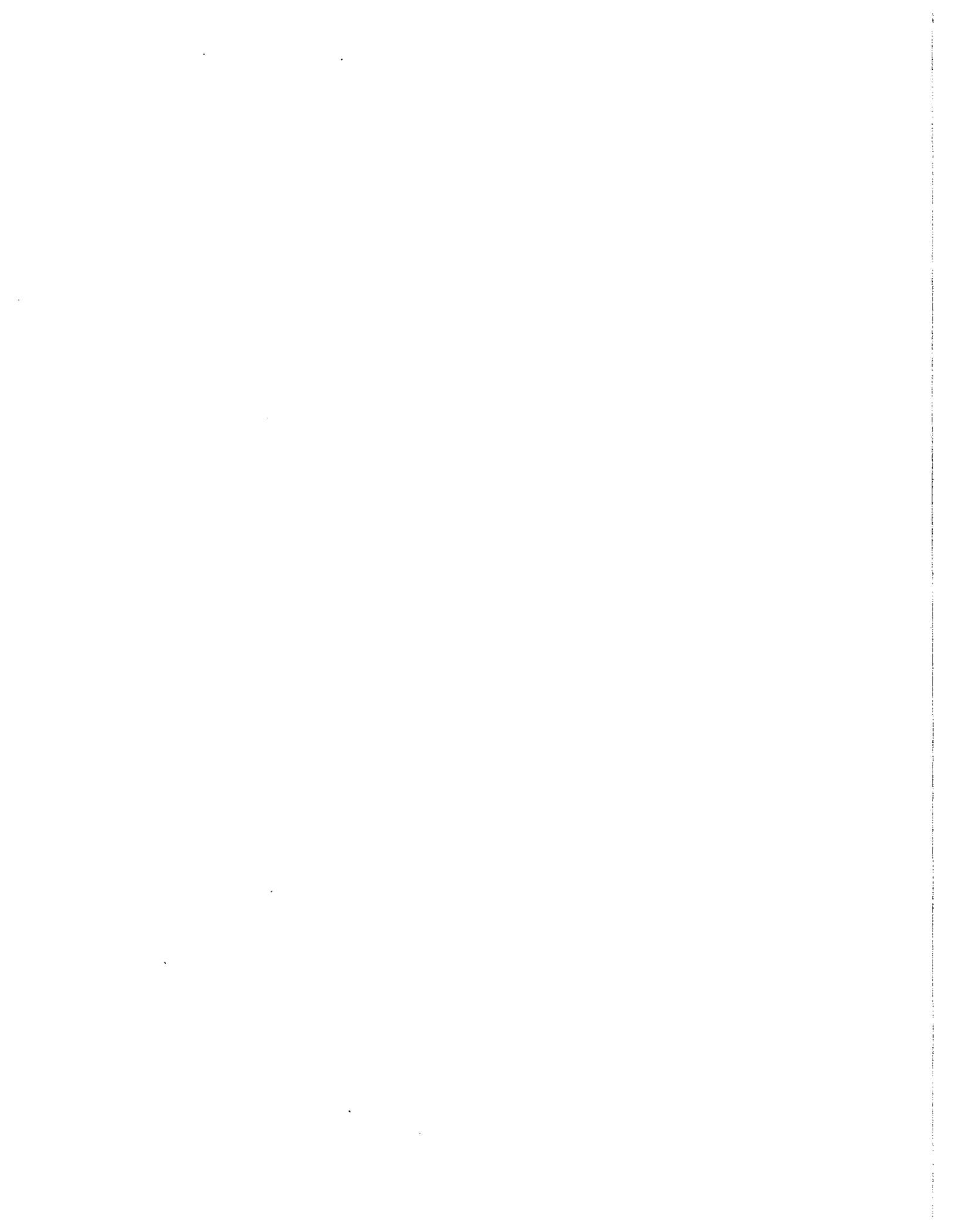
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	26.661	33.222	0.00	26.660	21.489
51.	16.717	34.569	0.00	16.709	25.253
101.	12.284	34.727	0.00	12.271	26.326
200.	11.082	34.743	0.00	11.057	26.565
299.	10.303	34.709	0.00	10.268	26.679
400.	9.436	34.659	0.00	9.391	26.788
497.	8.214	34.583	0.00	8.162	26.922
597.	7.114	34.549	0.00	7.056	27.056
697.	6.160	34.534	0.00	6.097	27.172
798.	5.411	34.539	0.00	5.343	27.270
897.	4.887	34.548	0.00	4.814	27.338
1004.	4.420	34.559	0.00	4.341	27.399

CAST EP4-91-DI -035 LAT 09 00.0N LONG 124 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	27.662	33.679	0.00	27.661	21.514
51.	21.573	34.449	0.00	21.563	23.922
100.	13.586	34.859	0.00	13.572	26.168
201.	11.365	34.755	0.00	11.340	26.523
301.	10.241	34.707	0.00	10.206	26.688
400.	9.301	34.657	0.00	9.256	26.808
499.	8.032	34.583	0.00	7.981	26.949
598.	6.881	34.549	0.00	6.824	27.088
698.	5.973	34.550	0.00	5.911	27.209
797.	5.322	34.548	0.00	5.255	27.287
896.	4.857	34.552	0.00	4.784	27.345
999.	4.463	34.561	0.00	4.384	27.396

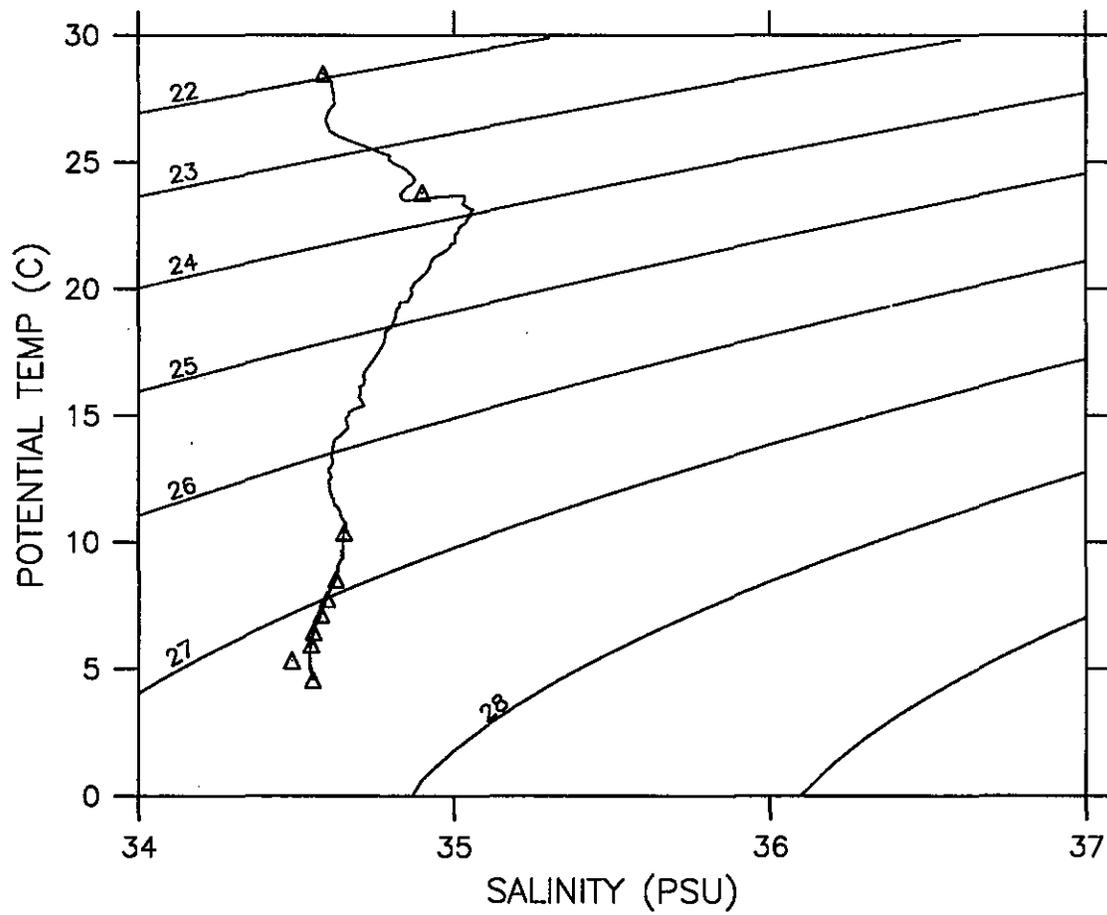
CAST EP4-91-DI -038 LAT 12 00.2N LONG 125 00.1W

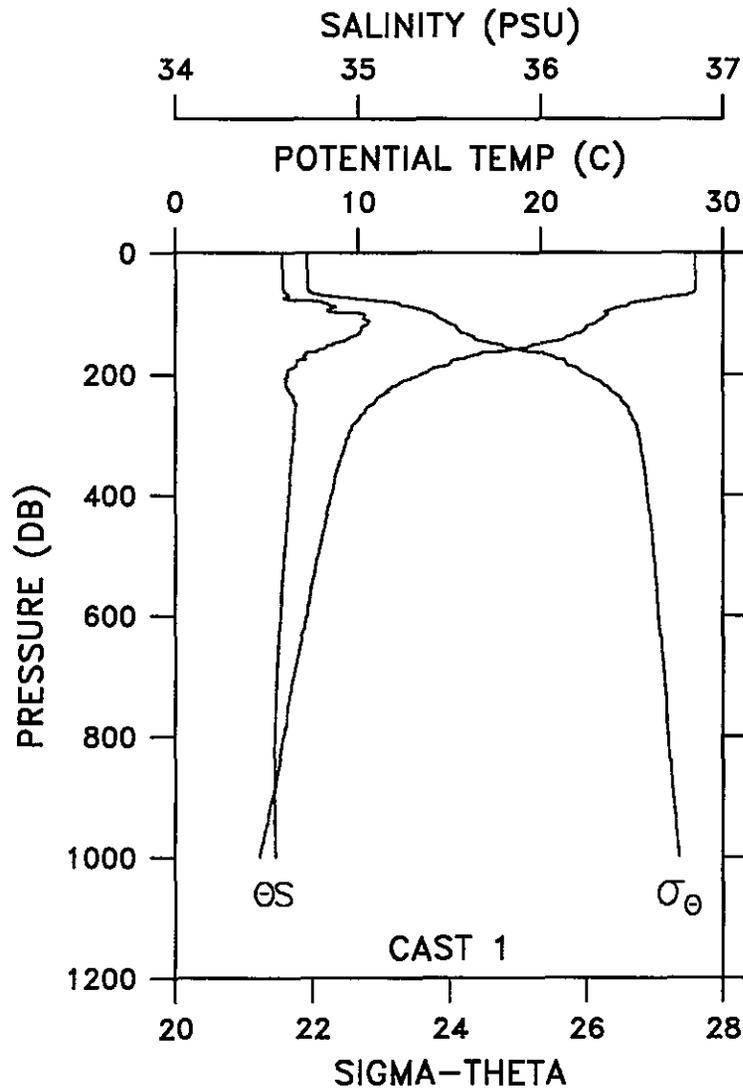
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	26.649	33.291	0.00	26.648	21.544
54.	20.474	34.620	0.00	20.464	24.350
102.	12.782	34.724	0.00	12.768	26.226
203.	10.967	34.728	0.00	10.942	26.575
301.	9.895	34.682	0.00	9.860	26.728
401.	8.885	34.632	0.00	8.841	26.856
501.	7.640	34.559	0.00	7.590	26.988
599.	6.624	34.527	0.00	6.568	27.105
701.	5.905	34.522	0.00	5.843	27.195
799.	5.371	34.542	0.00	5.303	27.277
899.	4.901	34.540	0.00	4.827	27.330
1017.	4.339	34.563	0.00	4.259	27.411



TG1-92-DI
February 19–March 31, 1992
CTD and Hydrographic Data Summary

CAST TG1-92-DI -001 DATE 03 MAR 92 TIME 1813 GMT
LAT 05 00.2N LONG 170 01.0W

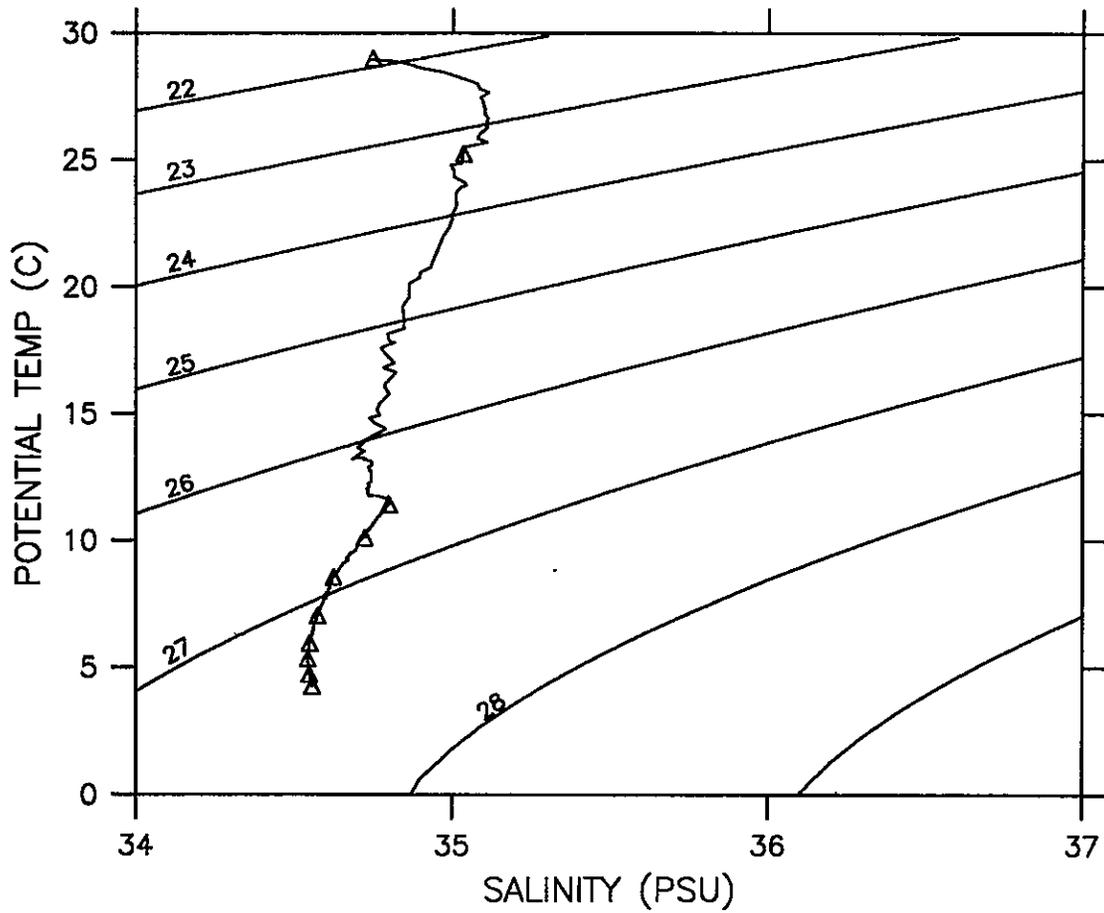




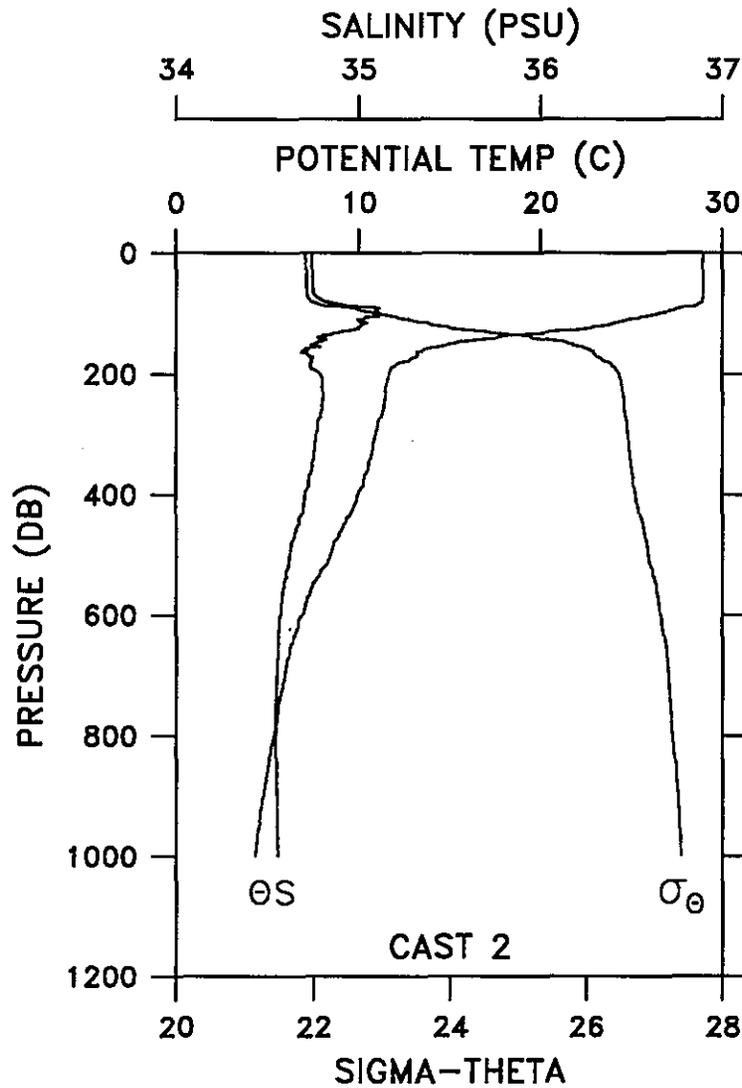
CAST TG1-92-D1-001 DATE 03 MAR 92 TIME 1813 GMT
 LAT 05 00.2N LONG 170 01.0W WEATHER 1 SEA STATE 4
 BAROMETER 03 WIND DIR 055 T SPD 20 KT VISIBILITY 8
 CLOUD 8 AMOUNT 5 DRY 26.9 WET 24.2 DEPTH 5632 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.498	34.587	21.923	0.000
10	28.494	34.587	21.924	0.059
20	28.494	34.587	21.924	0.118
30	28.493	34.587	21.924	0.177
40	28.493	34.587	21.924	0.236
50	28.496	34.586	21.923	0.295
60	28.477	34.589	21.932	0.354
70	27.897	34.613	22.139	0.412
80	25.251	34.798	23.114	0.465
90	24.138	34.868	23.502	0.511
100	23.688	35.030	23.758	0.554
110	23.233	35.043	23.901	0.595
120	22.533	35.025	24.088	0.635
130	22.234	35.010	24.161	0.673
140	21.331	34.950	24.367	0.710
150	19.822	34.869	24.710	0.745
160	18.345	34.784	25.023	0.777
170	16.150	34.701	25.484	0.804
180	15.081	34.667	25.698	0.828
190	14.116	34.630	25.877	0.851
200	13.486	34.613	25.996	0.872
250	10.696	34.661	26.566	0.959
300	9.467	34.647	26.766	1.030
350	8.915	34.632	26.844	1.095
400	8.546	34.624	26.896	1.157
450	8.152	34.607	26.943	1.217
500	7.817	34.596	26.984	1.276
550	7.445	34.584	27.029	1.333
600	7.218	34.577	27.056	1.388
650	6.802	34.562	27.101	1.442
700	6.474	34.556	27.141	1.494
750	6.159	34.550	27.177	1.544
800	5.937	34.547	27.203	1.593
900	5.344	34.542	27.272	1.687
1000	4.636	34.551	27.361	1.774
1017	4.568	34.554	27.371	1.787

CAST TG1-92-DI -002 DATE 04 MAR 92 TIME 2058 GMT
LAT 01 58.7N LONG 170 03.3W

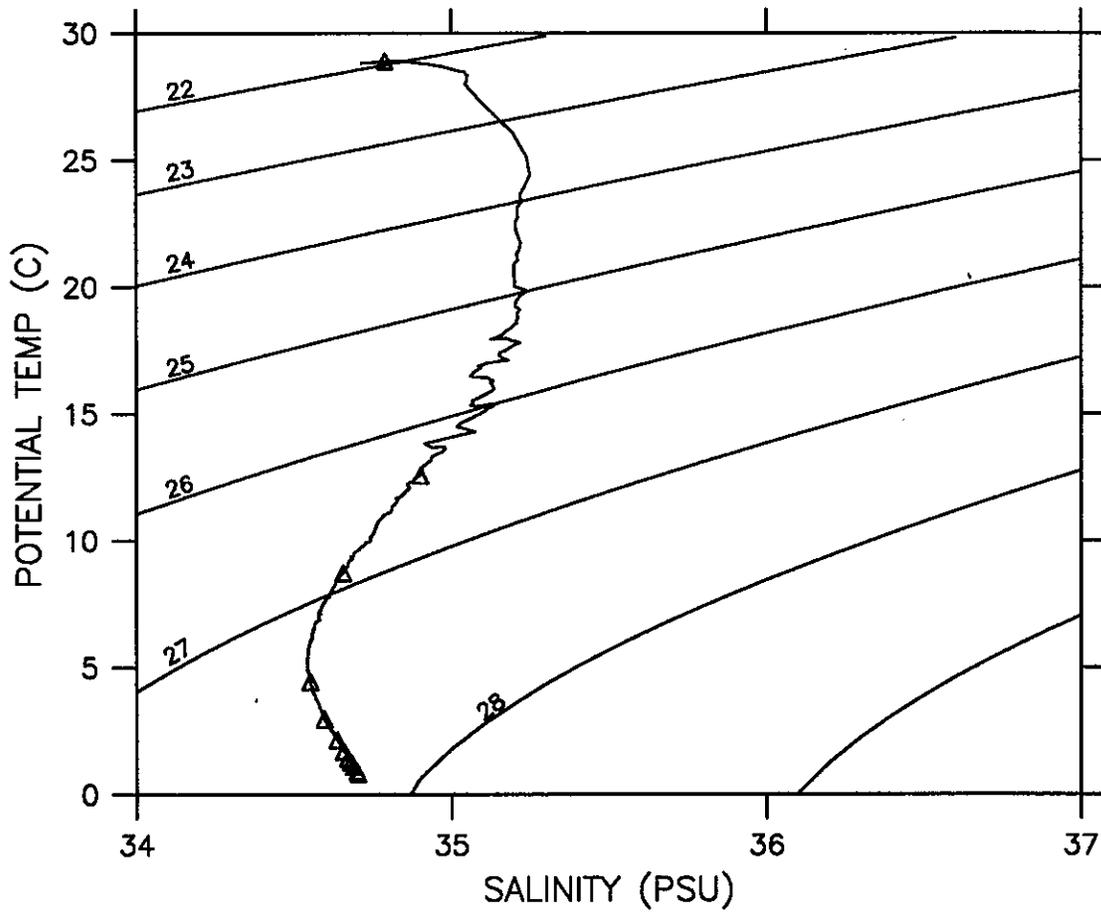


CAST TG1-92-DI-002 DATE 04 MAR 92 TIME 2058 GMT
 LAT 01 58.7N LONG 170 03.3W WEATHER 1 SEA STATE 3
 BAROMETER 03 WIND DIR 030 T SPD 11 KT VISIBILITY 8
 CLOUD 8 AMOUNT 6 DRY 27.5 WET 24.5 DEPTH 5413 M

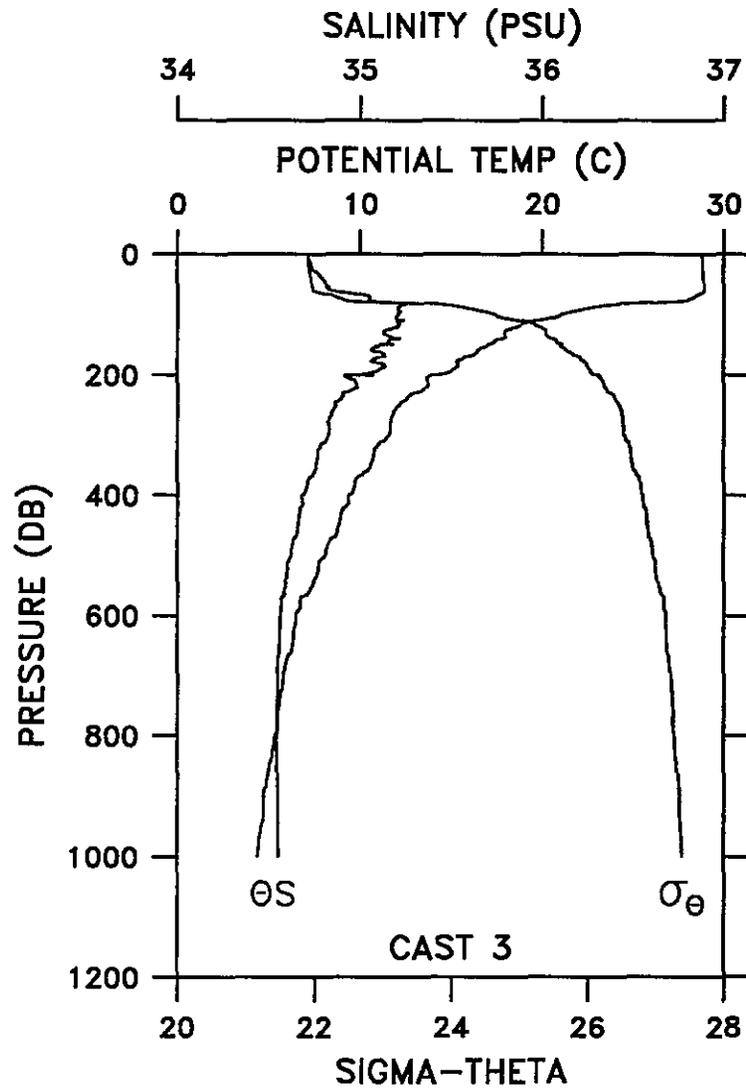


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.971	34.743	21.883	0.000
10	28.954	34.744	21.889	0.059
20	28.941	34.742	21.893	0.118
30	28.934	34.743	21.895	0.178
40	28.934	34.743	21.895	0.237
50	28.934	34.744	21.896	0.296
60	28.934	34.745	21.897	0.356
70	28.931	34.758	21.908	0.415
80	28.896	34.808	21.957	0.474
90	27.796	35.087	22.529	0.532
100	26.479	35.105	22.964	0.583
110	24.796	34.993	23.400	0.630
120	23.602	35.008	23.767	0.674
130	20.572	34.899	24.534	0.712
140	17.577	34.774	25.203	0.743
150	15.139	34.760	25.757	0.768
160	13.548	34.715	26.061	0.789
170	13.166	34.722	26.145	0.808
180	12.298	34.744	26.334	0.827
190	11.748	34.737	26.433	0.843
200	11.652	34.787	26.490	0.859
250	11.366	34.795	26.549	0.937
300	10.901	34.765	26.611	1.013
350	10.528	34.742	26.660	1.087
400	9.942	34.705	26.732	1.158
450	9.130	34.663	26.834	1.226
500	8.425	34.621	26.912	1.289
550	7.474	34.588	27.027	1.348
600	6.894	34.571	27.096	1.402
650	6.226	34.556	27.173	1.453
700	5.910	34.547	27.207	1.502
750	5.583	34.544	27.244	1.548
800	5.350	34.543	27.272	1.594
900	4.752	34.547	27.345	1.679
1000	4.318	34.555	27.399	1.759
1004	4.308	34.555	27.400	1.762

CAST TG1-92-DI -003 DATE 06 MAR 92 TIME 1440 GMT
LAT 00 00.4N LONG 170 00.3W

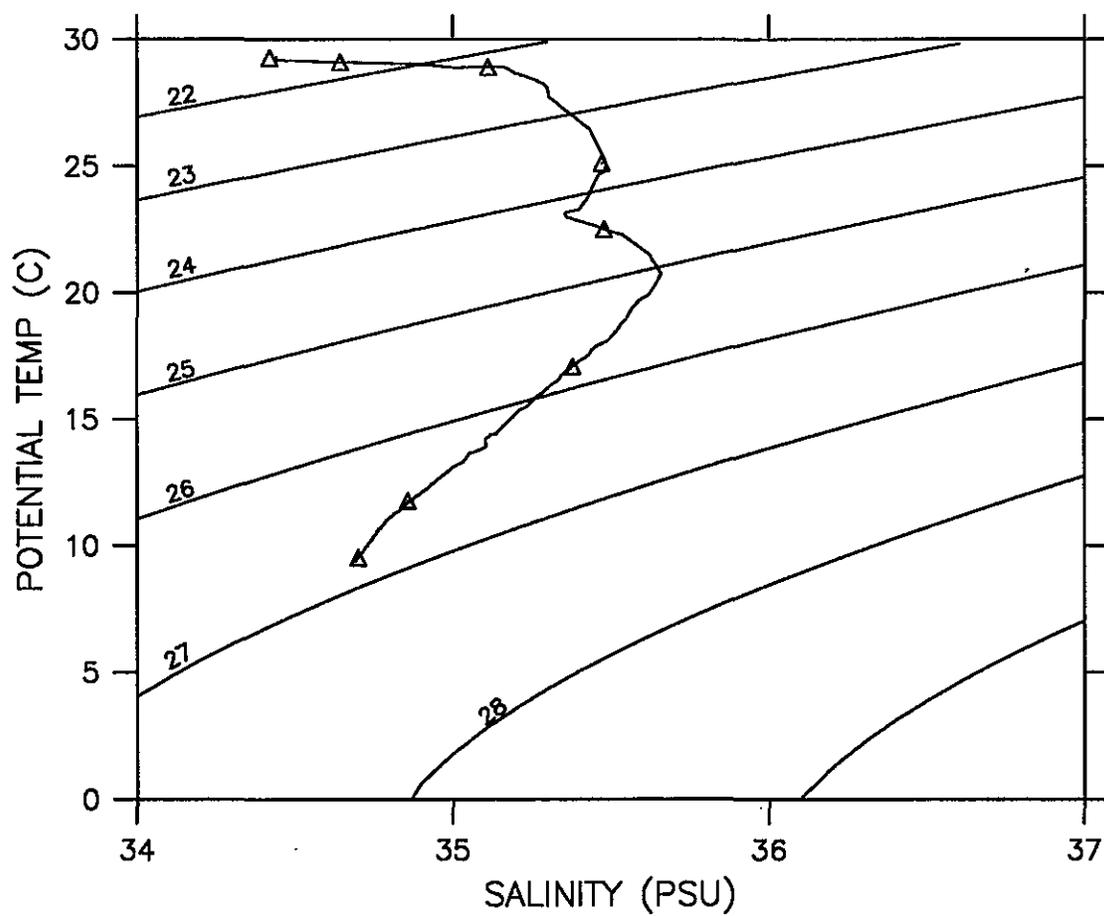


CAST TG1-92-D1-003 DATE 06 MAR 92 TIME 1440 GMT
 LAT 00 00.4N LONG 170 00.3W WEATHER 1 SEA STATE 3
 BAROMETER 00 WIND DIR 080 T SPD 14 KT VISIBILITY 6
 CLOUD X AMOUNT 9 DRY 25.8 WET 24.2 DEPTH 5366 M

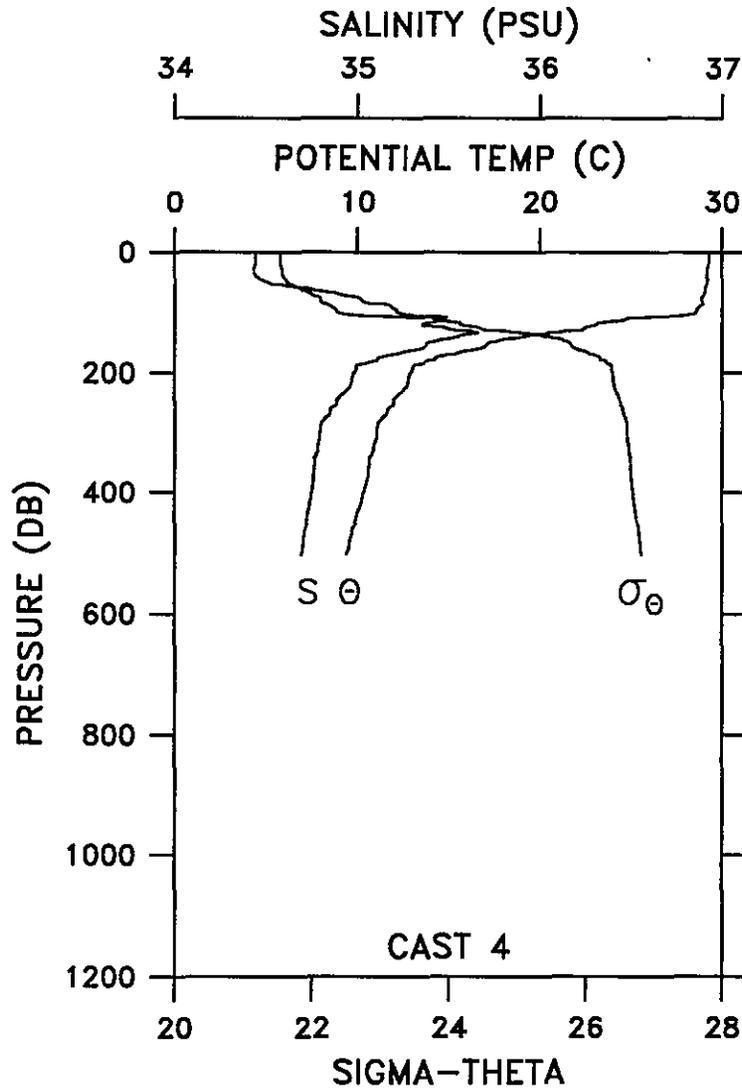


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.823	34.716	21.912	0.000
10	28.835	34.723	21.913	0.059
20	28.838	34.729	21.917	0.118
30	28.862	34.766	21.937	0.177
40	28.884	34.794	21.950	0.236
50	28.903	34.812	21.957	0.295
60	28.903	34.831	21.972	0.353
70	28.457	35.045	22.280	0.411
80	26.073	35.196	23.161	0.465
90	22.546	35.204	24.220	0.505
100	21.073	35.212	24.637	0.540
110	19.584	35.214	25.036	0.572
120	18.576	35.208	25.289	0.600
130	17.940	35.127	25.385	0.627
140	17.747	35.202	25.490	0.653
150	16.993	35.109	25.600	0.677
160	16.446	35.068	25.698	0.701
170	15.830	35.118	25.878	0.724
180	15.345	35.102	25.975	0.745
190	15.150	35.111	26.026	0.766
200	14.301	35.074	26.182	0.786
250	12.158	34.865	26.454	0.874
300	11.597	34.829	26.533	0.954
350	10.590	34.761	26.663	1.028
400	9.368	34.679	26.807	1.097
450	8.837	34.662	26.880	1.161
500	8.091	34.623	26.964	1.222
550	7.376	34.588	27.042	1.278
600	6.477	34.562	27.145	1.331
650	6.300	34.558	27.165	1.380
700	5.784	34.549	27.223	1.428
750	5.573	34.547	27.248	1.475
800	5.339	34.543	27.273	1.520
900	4.702	34.549	27.352	1.606
1000	4.382	34.554	27.391	1.687
1500	2.951	34.597	27.568	2.034
2000	2.147	34.637	27.669	2.316
2500	1.695	34.658	27.722	2.563
3000	1.421	34.671	27.752	2.796
3500	1.265	34.681	27.771	3.022
4000	1.105	34.690	27.789	3.244
4500	0.898	34.701	27.812	3.457
5000	0.817	34.704	27.820	3.665
5104	0.814	34.704	27.820	3.708

CAST TG1-92-DI -004 DATE 08 MAR 92 TIME 0806 GMT
LAT 02 09.5S LONG 170 03.0W

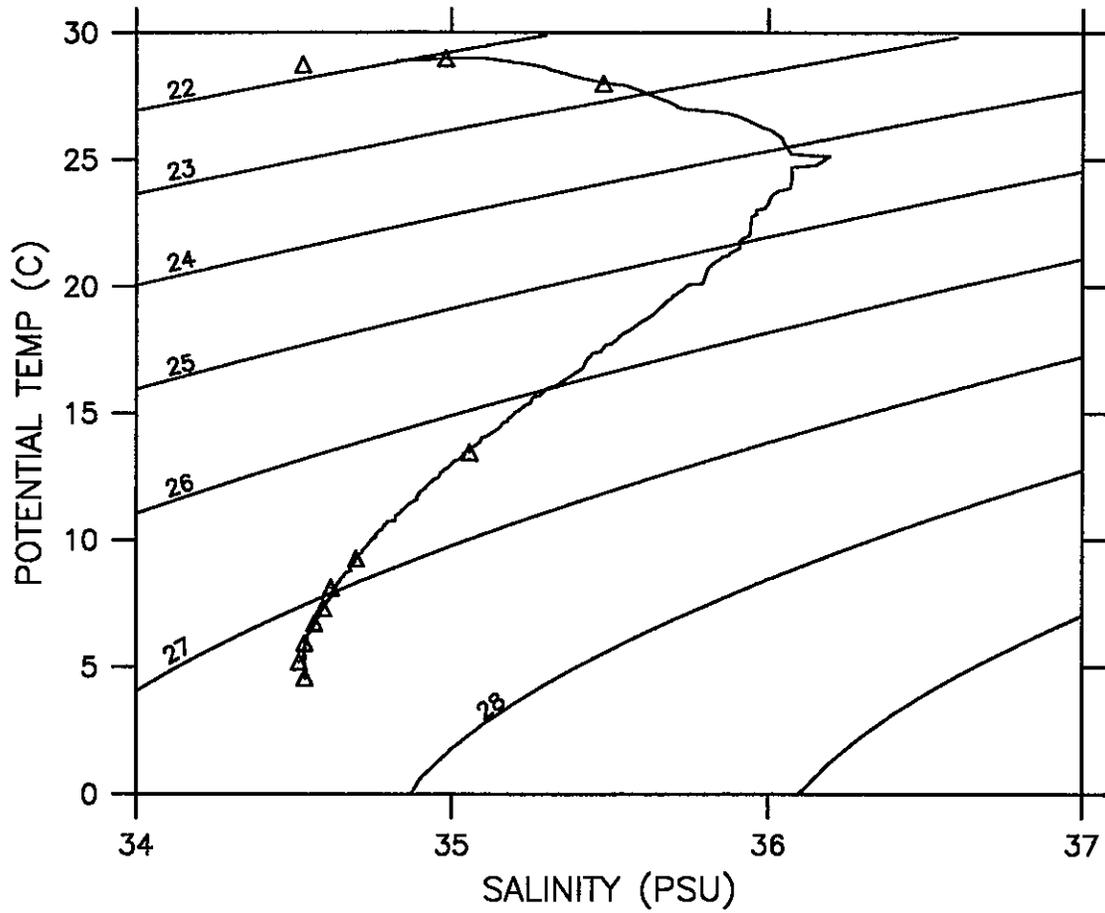


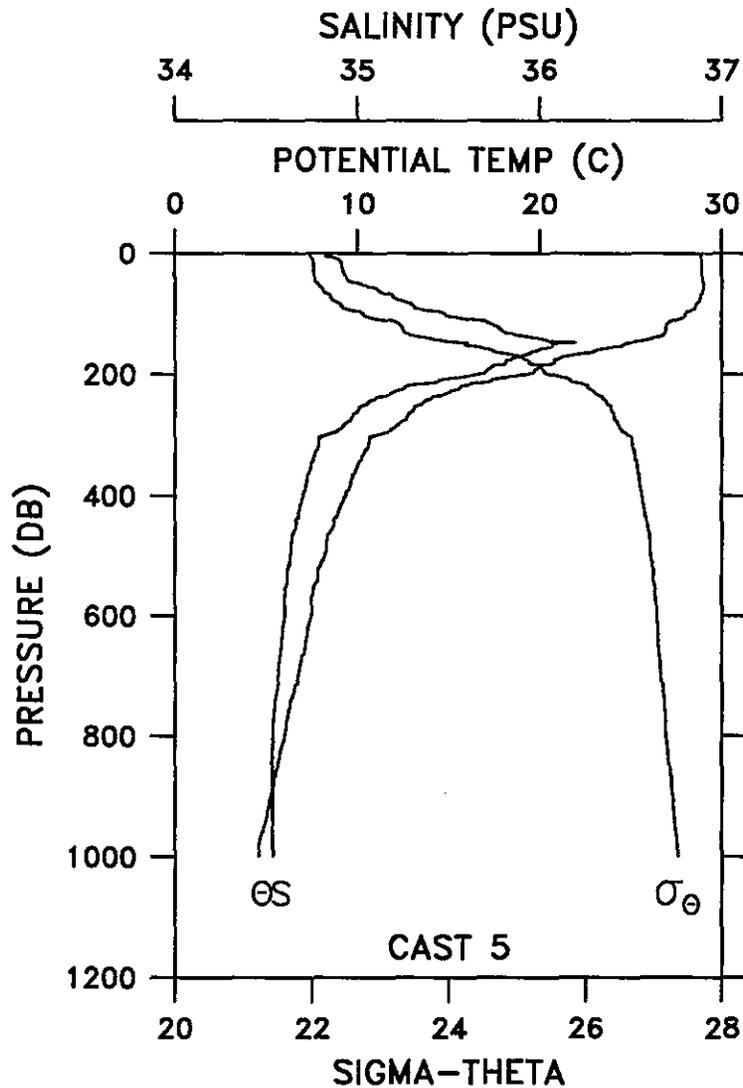
CAST TG1-92-DI -004 DATE 08 MAR 92 TIME 0806 GMT
 LAT 02 09.5S LONG 170 03.0W WEATHER 2 SEA STATE 3
 BAROMETER 01 WIND DIR 140 T SPD 15 KT VISIBILITY 8
 CLOUD 8 AMOUNT 1 DRY 28.0 WET 26.0 DEPTH 4867 M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.296	34.443	21.549	0.000
10	29.298	34.443	21.548	0.062
20	29.291	34.443	21.551	0.125
30	29.213	34.438	21.573	0.187
40	29.193	34.447	21.587	0.250
50	29.152	34.508	21.646	0.312
60	29.071	34.718	21.831	0.373
70	28.996	34.902	21.994	0.432
80	28.874	35.023	22.126	0.490
90	28.780	35.181	22.276	0.547
100	28.585	35.216	22.367	0.602
110	24.781	35.480	23.772	0.652
120	23.105	35.356	24.174	0.692
130	22.272	35.536	24.550	0.728
140	19.114	35.553	25.416	0.757
150	17.216	35.393	25.765	0.781
160	16.711	35.344	25.848	0.803
170	14.941	35.180	26.124	0.824
180	13.902	35.106	26.290	0.843
190	13.054	34.996	26.380	0.860
200	12.907	34.984	26.400	0.877
250	11.947	34.884	26.510	0.959
300	11.050	34.794	26.607	1.035
350	10.645	34.765	26.657	1.109
400	10.359	34.751	26.696	1.181
450	9.894	34.723	26.754	1.252
500	9.418	34.695	26.812	1.319
503	9.382	34.692	26.816	1.323

CAST TG1-92-DI -005 DATE 10 MAR 92 TIME 0941 GMT
LAT 05 00.8S LONG 169 59.4W

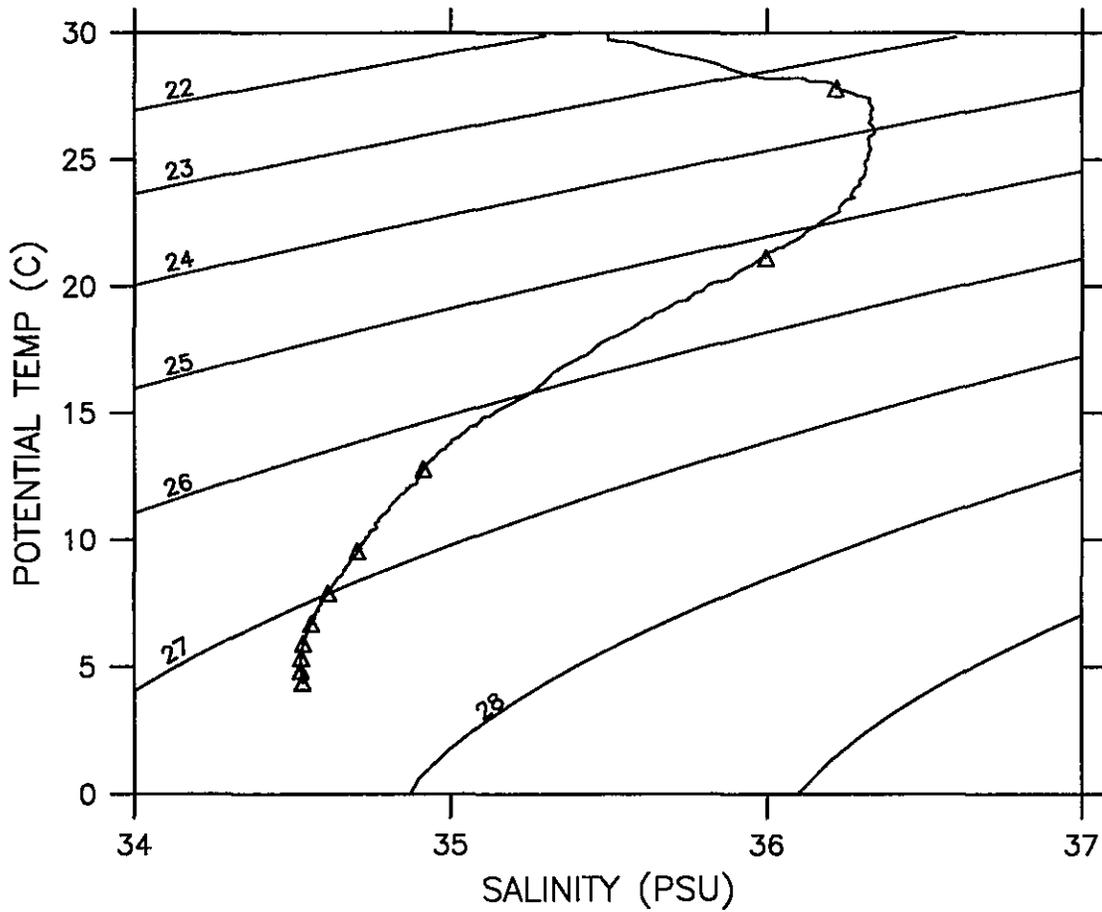




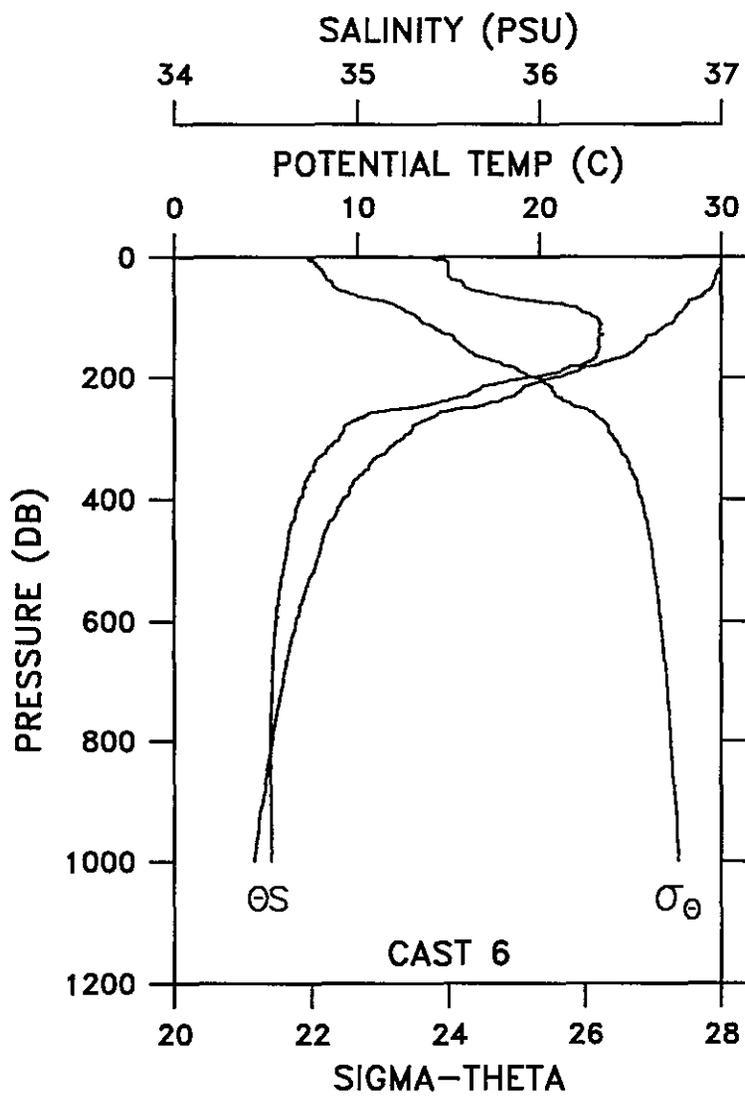
CAST TG1-92-DI -005 DATE 10 MAR 92 TIME 0941 GMT
 LAT 05 00.8S LONG 169 59.4W WEATHER 6 SEA STATE 4
 BAROMETER 03 WIND DIR 300 T SPD 06 KT VISIBILITY 8
 CLOUD 5 AMOUNT 8 DRY 25.7 WET 25.2 DEPTH 5401 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.885	34.827	21.975	0.000
10	28.922	34.896	22.015	0.058
20	28.915	34.918	22.033	0.116
30	28.920	34.923	22.035	0.174
40	28.944	34.938	22.038	0.232
50	28.978	34.999	22.073	0.290
60	28.977	35.105	22.153	0.347
70	28.836	35.189	22.263	0.404
80	28.743	35.249	22.339	0.460
90	28.551	35.310	22.449	0.514
100	28.039	35.471	22.738	0.567
110	27.641	35.607	22.971	0.618
120	26.977	35.750	23.293	0.665
130	26.917	35.802	23.350	0.711
140	26.298	35.976	23.678	0.756
150	24.711	36.076	24.244	0.796
160	23.244	35.998	24.622	0.832
170	21.520	35.909	25.044	0.864
180	20.793	35.814	25.171	0.893
190	19.823	35.722	25.361	0.921
200	19.176	35.659	25.481	0.947
250	13.305	35.035	26.359	1.049
300	10.968	34.820	26.642	1.131
350	9.997	34.743	26.752	1.201
400	9.361	34.702	26.827	1.267
450	8.677	34.661	26.904	1.330
500	8.191	34.633	26.957	1.390
550	7.644	34.612	27.022	1.448
600	7.443	34.599	27.041	1.504
650	7.147	34.583	27.070	1.559
700	6.741	34.567	27.113	1.612
750	6.286	34.545	27.156	1.664
800	6.016	34.536	27.184	1.714
900	5.237	34.534	27.279	1.808
1000	4.548	34.537	27.359	1.894
1004	4.538	34.536	27.360	1.897

CAST TG1-92-DI -006 DATE 13 MAR 92 TIME 1453 GMT
LAT 08 16.6S LONG 154 59.8W



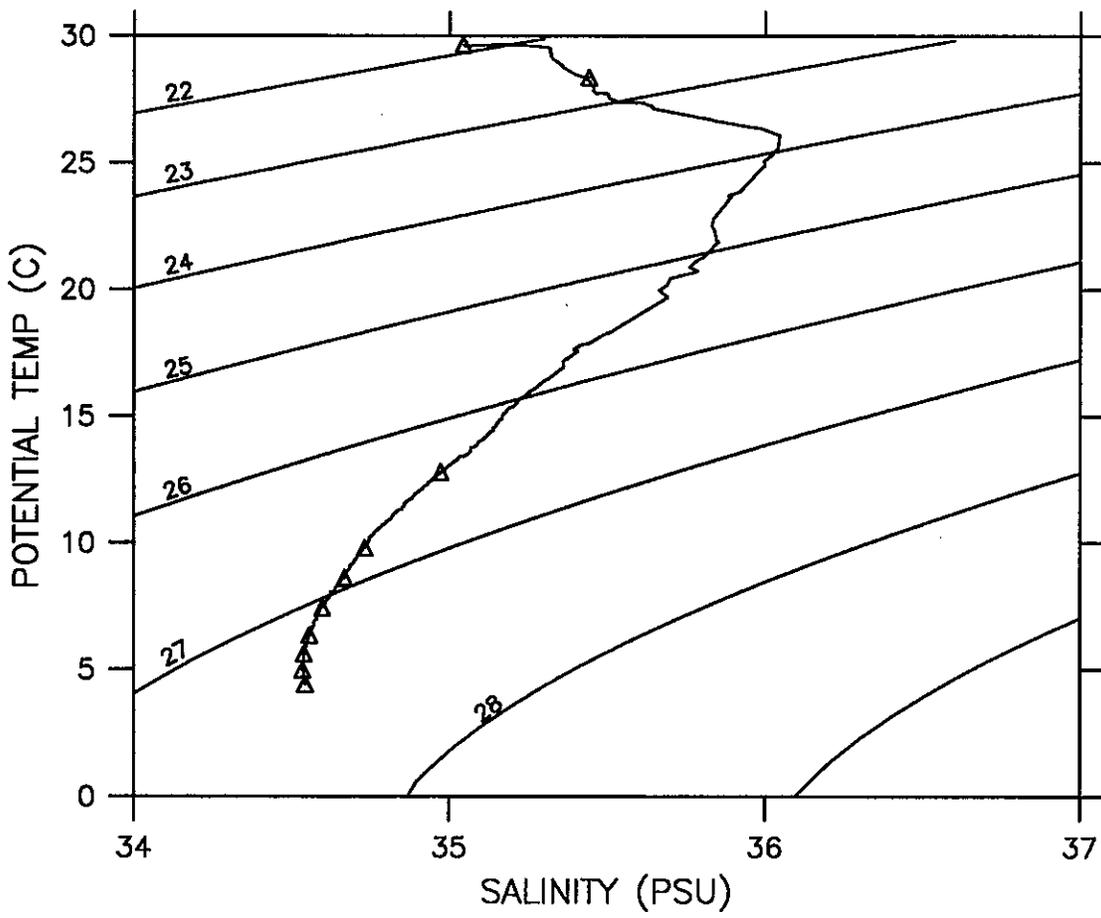
CAST TG1-92-DI-006 DATE 13 MAR 92 TIME 1453 GMT
 LAT 08 16.6S LONG 154 59.8W WEATHER 2 SEA STATE 4
 BAROMETER 00 WIND DIR 355 T SPD 10 KT VISIBILITY 6
 CLOUD X AMOUNT 8 DRY 26.0 WET 25.5 DEPTH 5343 M

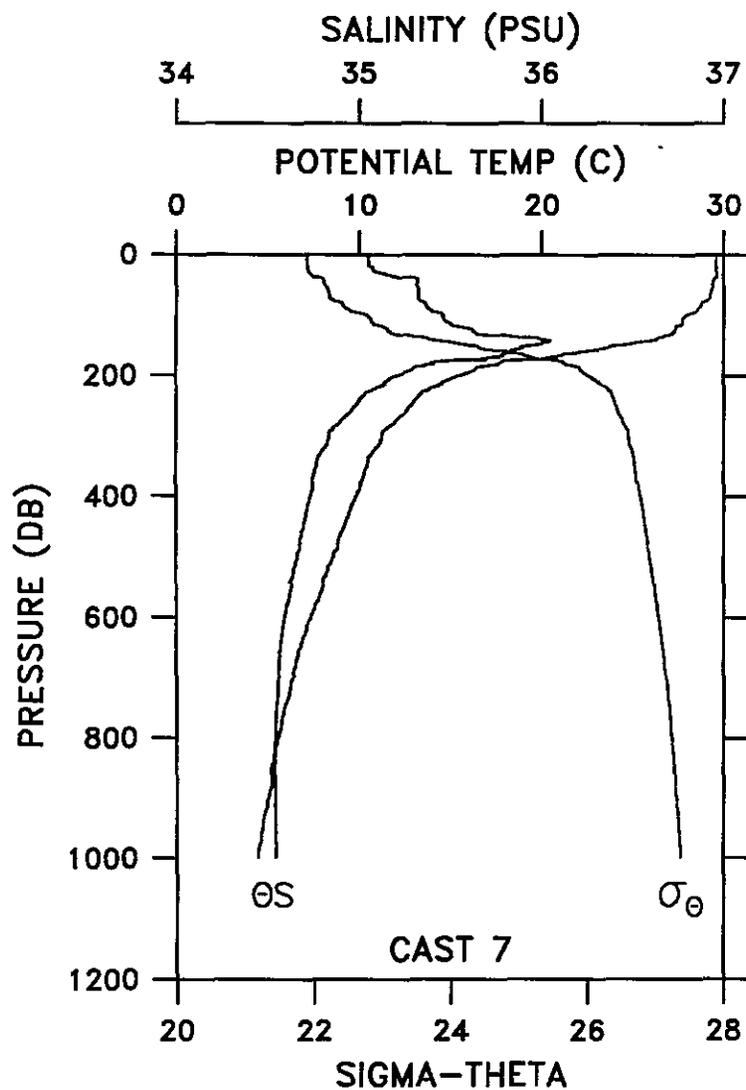


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.292	35.416	21.941	0.000
10	30.147	35.498	22.052	0.058
20	29.918	35.497	22.129	0.116
30	29.757	35.499	22.186	0.172
40	29.619	35.568	22.285	0.228
50	29.517	35.593	22.338	0.284
60	29.138	35.710	22.553	0.338
70	28.577	35.881	22.869	0.390
80	28.080	36.135	23.224	0.438
90	27.847	36.224	23.368	0.484
100	27.482	36.307	23.549	0.528
110	27.246	36.325	23.639	0.572
120	26.704	36.331	23.818	0.614
130	25.991	36.339	24.049	0.654
140	25.758	36.325	24.111	0.693
150	25.408	36.328	24.222	0.731
160	24.927	36.314	24.359	0.768
170	24.003	36.296	24.624	0.804
180	23.106	36.229	24.837	0.836
190	22.049	36.117	25.054	0.867
200	20.708	35.927	25.281	0.896
250	16.227	35.301	25.928	1.020
300	12.458	34.899	26.422	1.112
350	10.624	34.759	26.656	1.189
400	9.218	34.684	26.836	1.257
450	8.322	34.632	26.936	1.320
500	7.758	34.602	26.998	1.378
550	7.146	34.573	27.062	1.433
600	6.657	34.556	27.116	1.486
650	6.273	34.543	27.156	1.537
700	5.923	34.534	27.194	1.586
750	5.592	34.527	27.230	1.633
800	5.354	34.526	27.258	1.679
900	4.831	34.527	27.319	1.767
1000	4.375	34.533	27.375	1.849
1000	4.375	34.533	27.375	1.849

347

CAST TG1-92-DI -007 DATE 14 MAR 92 TIME 2056 GMT
LAT 04 57.1S LONG 154 58.5W

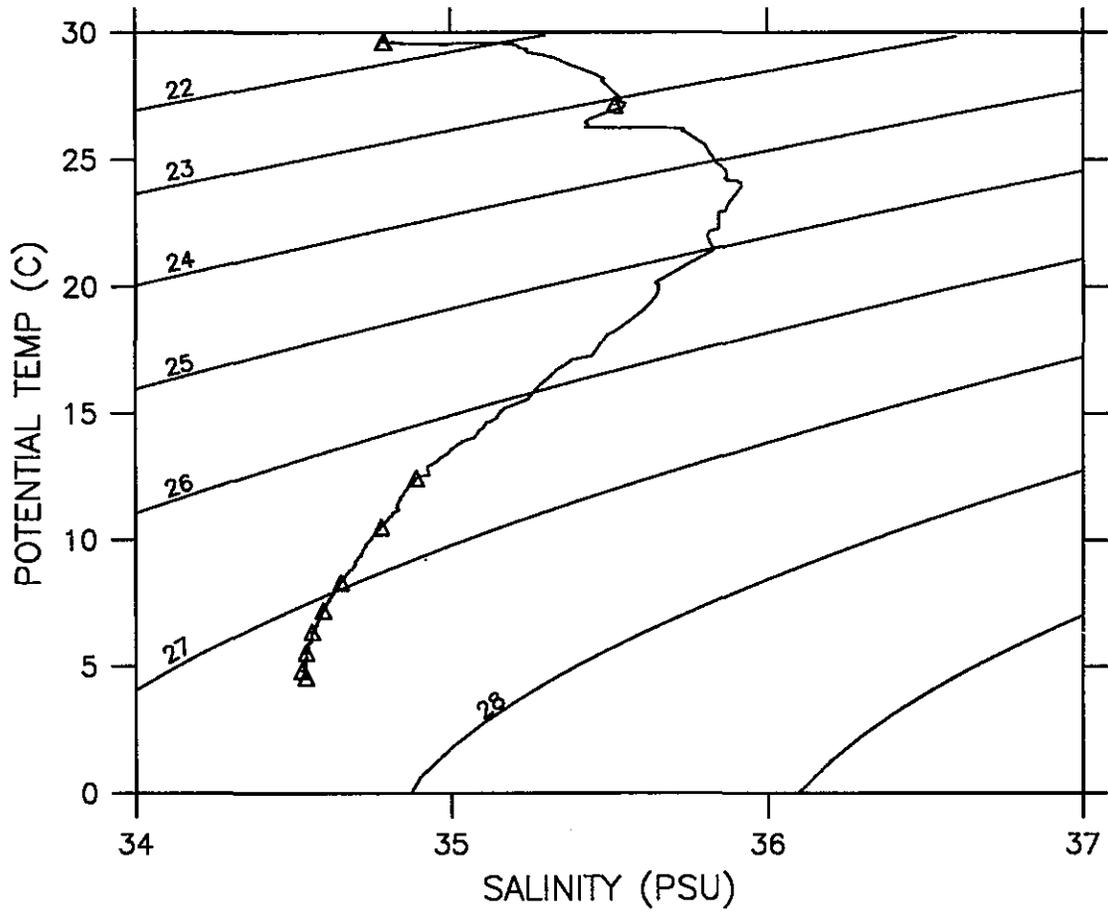


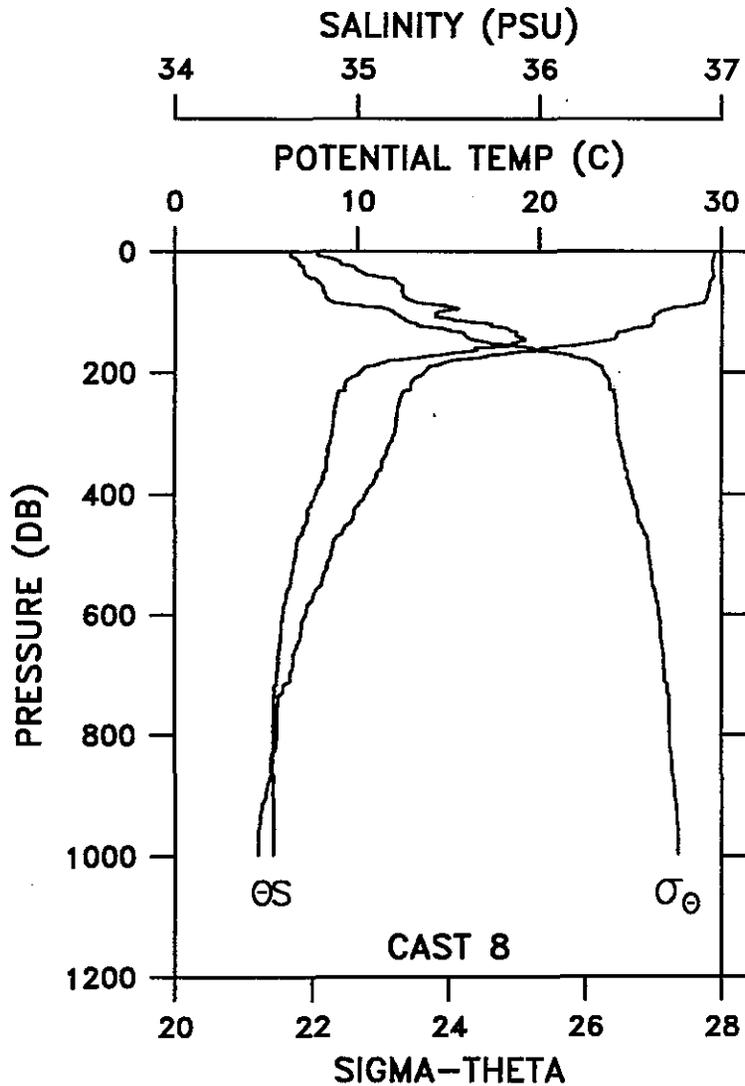


CAST TG1-92-DI-007 DATE 14 MAR 92 TIME 2056 GMT
 LAT 04 57.1S LONG 154 58.5W WEATHER 1 SEA STATE 3
 BAROMETER 01 WIND DIR 150 T SPD 10 KT VISIBILITY 8
 CLOUD 6 AMOUNT 7 DRY 27.2 WET 25.5 DEPTH 5098 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.597	35.049	21.903	0.000
10	29.593	35.050	21.905	0.059
20	29.612	35.074	21.916	0.118
30	29.632	35.111	21.937	0.177
40	29.492	35.320	22.141	0.235
50	29.409	35.317	22.167	0.292
60	29.300	35.320	22.206	0.349
70	29.230	35.320	22.229	0.405
80	28.797	35.358	22.403	0.461
90	28.579	35.383	22.494	0.515
100	27.908	35.456	22.770	0.568
110	27.734	35.476	22.842	0.619
120	27.375	35.584	23.039	0.668
130	27.148	35.641	23.155	0.717
140	26.206	36.018	23.739	0.761
150	23.863	35.921	24.381	0.801
160	22.119	35.844	24.828	0.835
170	20.420	35.697	25.183	0.865
180	17.590	35.398	25.678	0.890
190	16.305	35.292	25.903	0.912
200	15.384	35.202	26.044	0.933
250	12.779	34.974	26.418	1.023
300	11.235	34.834	26.604	1.102
350	10.440	34.767	26.694	1.175
400	9.839	34.735	26.773	1.244
450	9.177	34.695	26.851	1.310
500	8.608	34.663	26.916	1.373
550	7.982	34.626	26.983	1.433
600	7.365	34.592	27.046	1.490
650	6.800	34.569	27.107	1.544
700	6.360	34.557	27.156	1.595
750	5.891	34.545	27.207	1.644
800	5.528	34.538	27.246	1.691
900	4.971	34.537	27.312	1.780
1000	4.422	34.543	27.378	1.863
1009	4.403	34.544	27.380	1.870

CAST TG1-92-DI -008 DATE 15 MAR 92 TIME 0350 GMT
LAT 04 04.0S LONG 154 50.8W

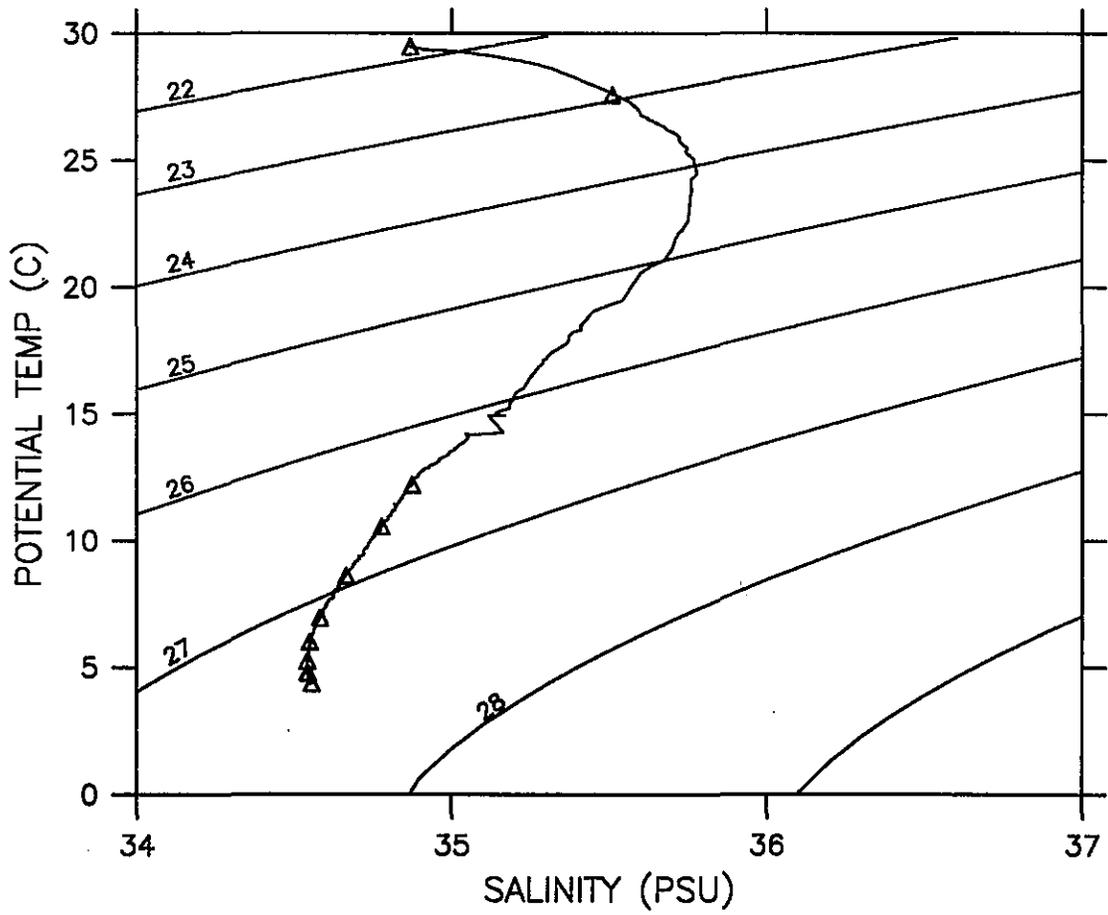




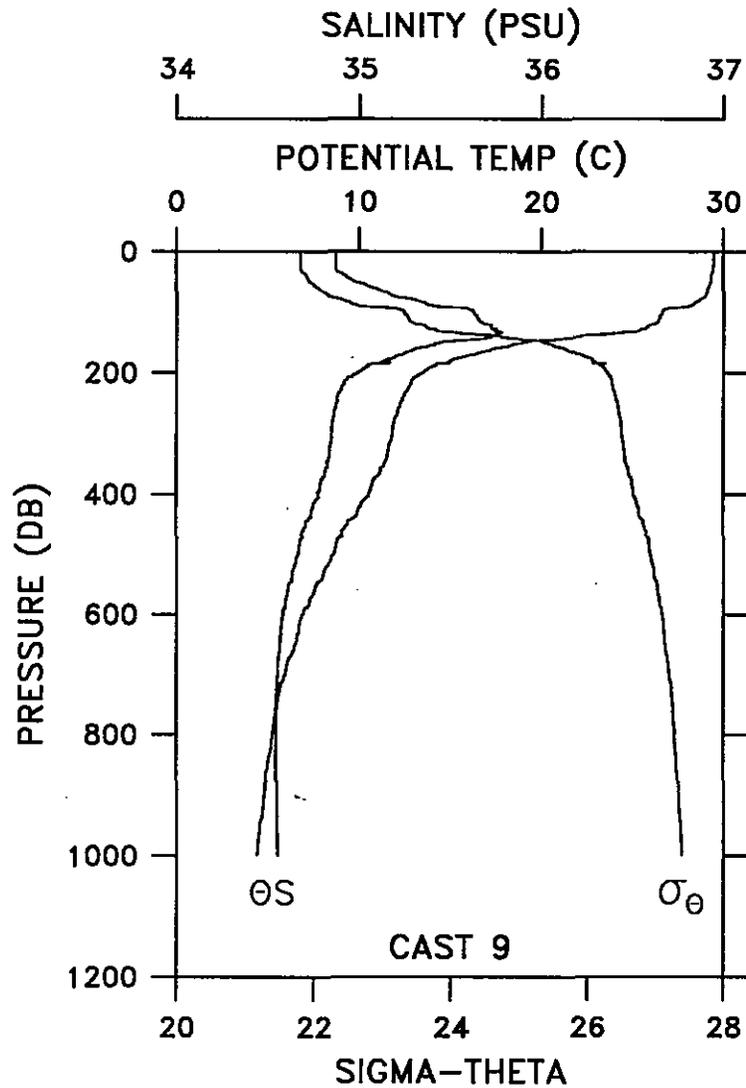
CAST TG1-92-DI -008 DATE 15 MAR 92 TIME 0350 GMT
 LAT 04 04.0S LONG 154 50.8W WEATHER 1 SEA STATE 4
 BAROMETER 98 WIND DIR 112 T SPD 06 KT VISIBILITY 7
 CLOUD 3 AMOUNT 6 DRY 27.2 WET 25.5 DEPTH 1707 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.638	34.780	21.687	0.000
10	29.582	34.837	21.748	0.061
20	29.534	34.906	21.816	0.121
30	29.531	34.993	21.883	0.181
40	29.584	35.064	21.918	0.240
50	29.422	35.216	22.087	0.298
60	29.311	35.245	22.146	0.356
70	29.216	35.245	22.178	0.412
80	29.131	35.277	22.230	0.469
90	28.168	35.485	22.706	0.524
100	26.620	35.446	23.177	0.573
110	26.257	35.455	23.298	0.620
120	26.215	35.731	23.520	0.665
130	24.963	35.831	23.982	0.707
140	24.199	35.875	24.246	0.745
150	23.238	35.875	24.530	0.782
160	20.136	35.643	25.217	0.813
170	18.079	35.492	25.630	0.840
180	15.307	35.197	26.057	0.862
190	14.029	35.075	26.239	0.881
200	13.661	35.013	26.268	0.899
250	12.265	34.879	26.445	0.984
300	12.033	34.860	26.475	1.066
350	11.339	34.830	26.582	1.145
400	10.491	34.774	26.691	1.219
450	9.447	34.716	26.824	1.288
500	8.519	34.658	26.927	1.351
550	7.999	34.631	26.985	1.410
600	7.132	34.589	27.077	1.466
650	6.674	34.573	27.127	1.519
700	6.299	34.557	27.164	1.569
750	5.612	34.539	27.237	1.617
800	5.574	34.538	27.241	1.663
900	4.956	34.535	27.312	1.753
998	4.548	34.539	27.361	1.834

CAST TG1-92-DI -009 DATE 15 MAR 92 TIME 0939 GMT
LAT 03 00.0S LONG 154 58.8W

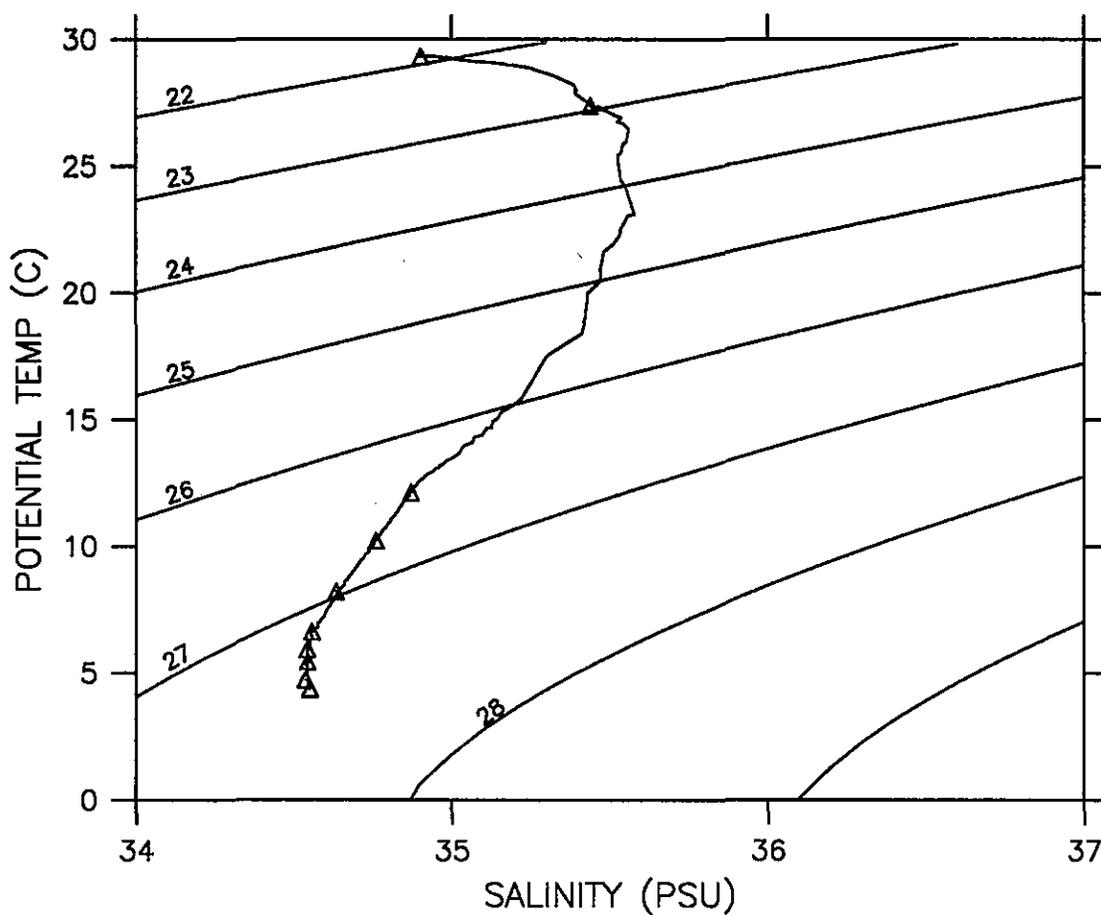


CAST TG1-92-DI-009 DATE 15 MAR 92 TIME 0939 GMT
 LAT 03 00.0S LONG 154 58.8W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 104 T SPD 11 KT VISIBILITY 6
 CLOUD 3 AMOUNT 6 DRY 28.5 WET 26.6 DEPTH 4898 M

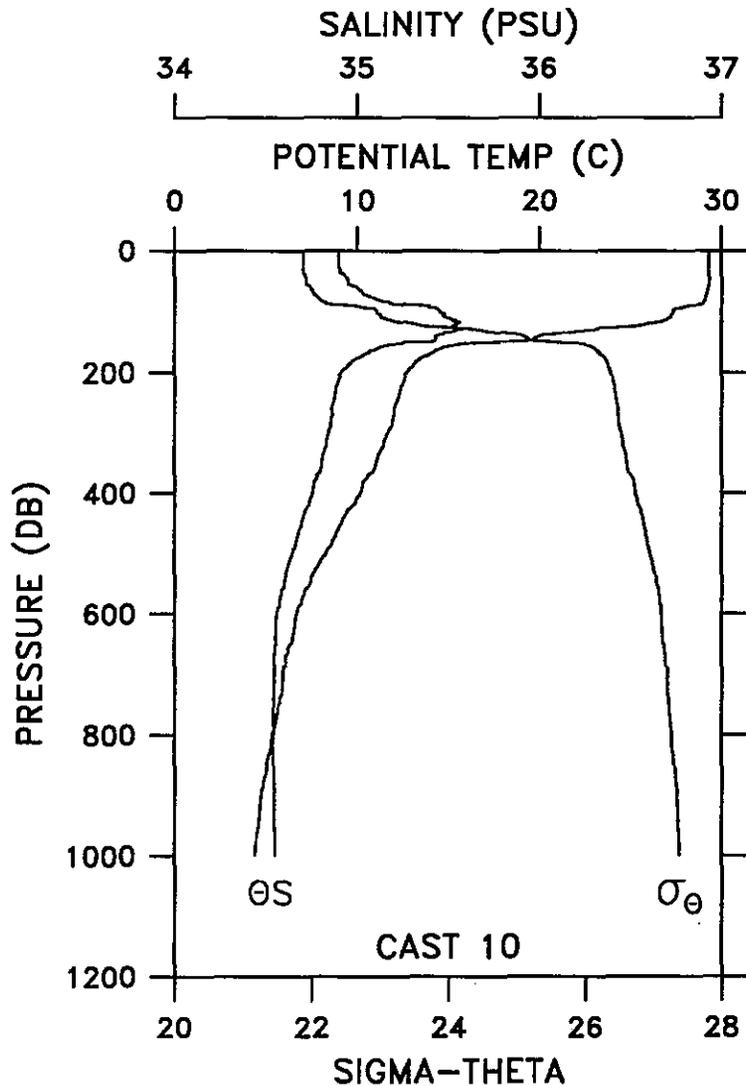


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.489	34.874	21.807	0.000
10	29.483	34.873	21.809	0.060
20	29.478	34.873	21.810	0.120
30	29.447	34.873	21.821	0.180
40	29.350	34.926	21.894	0.240
50	29.323	34.978	21.942	0.299
60	29.176	35.082	22.069	0.357
70	29.014	35.168	22.187	0.414
80	28.624	35.312	22.426	0.470
90	28.087	35.420	22.685	0.523
100	26.601	35.627	23.319	0.571
110	26.461	35.649	23.381	0.616
120	26.017	35.715	23.569	0.661
130	25.367	35.743	23.792	0.704
140	22.077	35.718	24.744	0.741
150	18.928	35.440	25.377	0.770
160	17.253	35.300	25.685	0.795
170	16.022	35.224	25.916	0.818
180	14.951	35.134	26.087	0.838
190	13.920	35.041	26.236	0.857
200	13.462	34.991	26.293	0.875
250	12.242	34.875	26.446	0.960
300	11.796	34.848	26.511	1.040
350	11.364	34.825	26.574	1.119
400	10.526	34.775	26.685	1.193
450	9.341	34.706	26.833	1.262
500	8.567	34.663	26.923	1.324
550	7.636	34.612	27.023	1.383
600	6.867	34.581	27.107	1.438
650	6.482	34.565	27.147	1.489
700	5.944	34.551	27.206	1.538
750	5.492	34.545	27.257	1.584
800	5.245	34.545	27.286	1.628
900	4.775	34.545	27.341	1.714
1000	4.382	34.551	27.389	1.795
1010	4.366	34.552	27.391	1.802

CAST TG1-92-DI -010 DATE 15 MAR 92 TIME 1505 GMT
LAT 02 02.5S LONG 155 04.0W

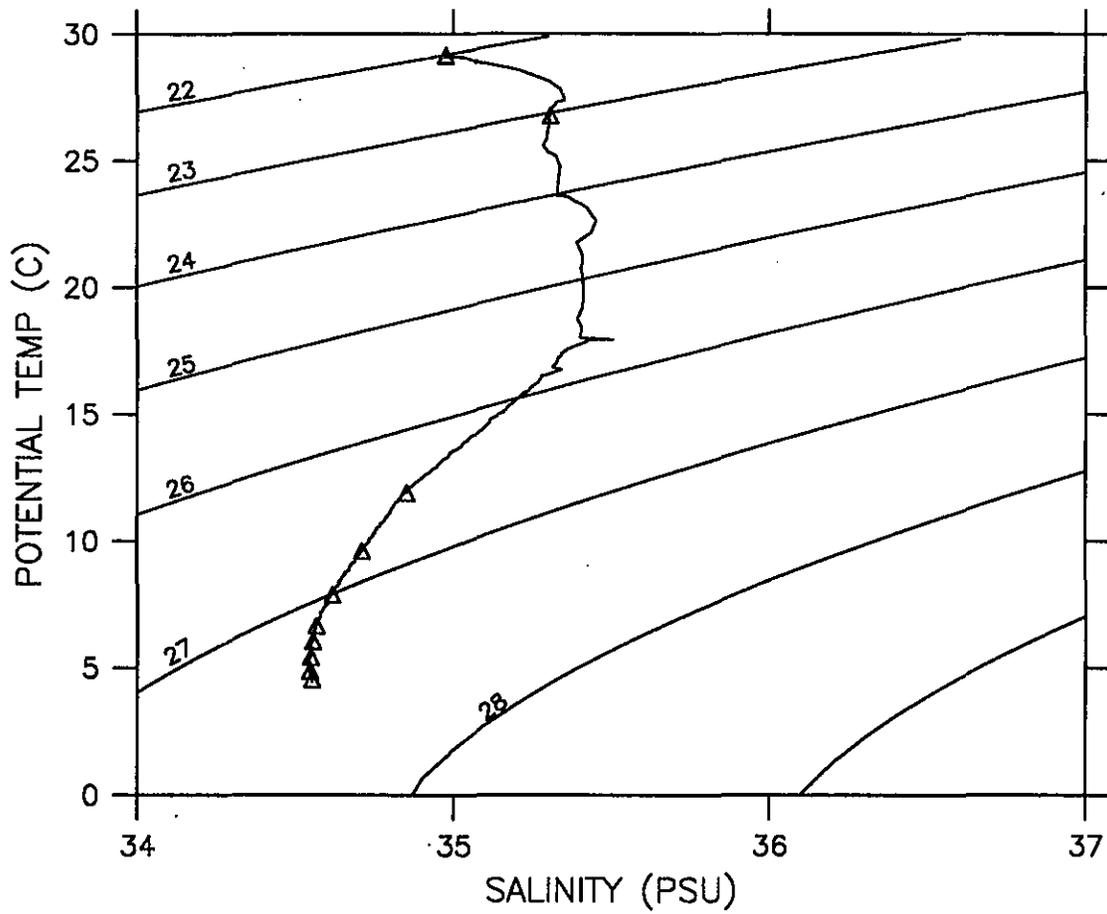


CAST TG1-92-DI -010 DATE 15 MAR 92 TIME 1505 GMT
 LAT 02 02.5S LONG 155 04.0W WEATHER 2 SEA STATE 4
 BAROMETER 06 WIND DIR 075 T SPD 15 KT VISIBILITY 7
 CLOUD X AMOUNT 8 DRY 28.0 WET 26.0 DEPTH 5006 M

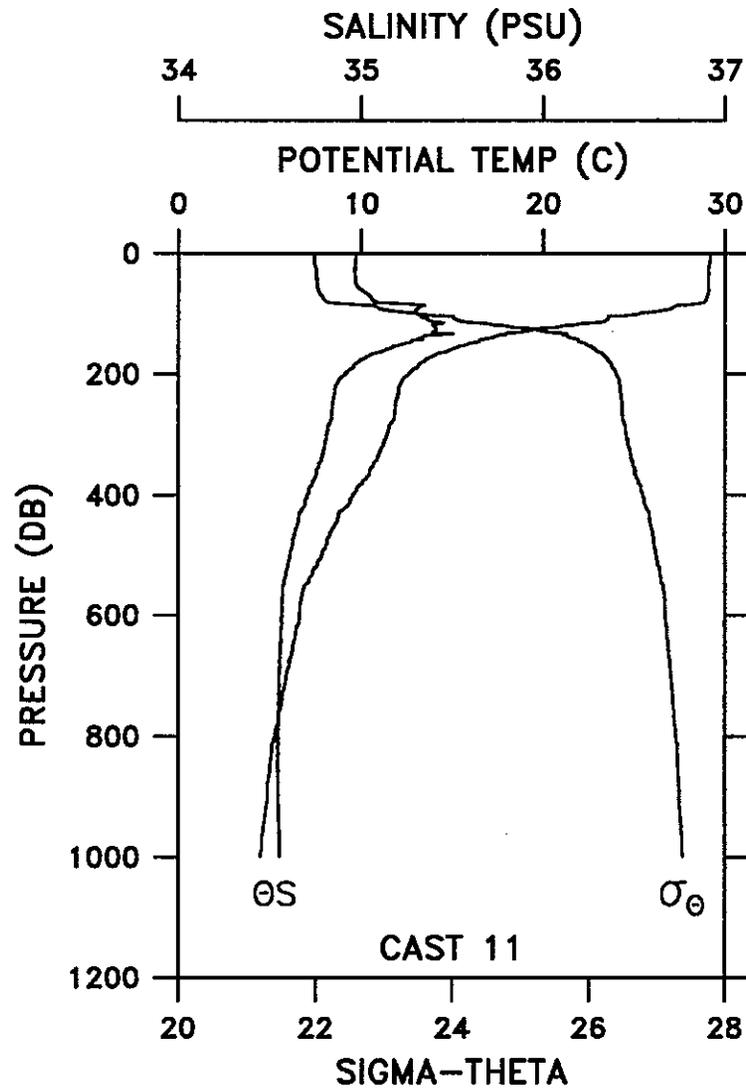


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.316	34.900	21.886	0.000
10	29.317	34.900	21.885	0.059
20	29.322	34.900	21.883	0.119
30	29.330	34.909	21.887	0.178
40	29.326	34.933	21.907	0.237
50	29.324	34.947	21.918	0.296
60	29.250	35.000	21.982	0.355
70	29.184	35.028	22.026	0.414
80	29.093	35.114	22.121	0.471
90	28.209	35.387	22.619	0.528
100	27.348	35.453	22.950	0.578
110	27.106	35.501	23.063	0.627
120	25.880	35.543	23.482	0.674
130	22.518	35.534	24.479	0.714
140	20.009	35.431	25.089	0.746
150	17.510	35.300	25.623	0.774
160	14.659	35.112	26.134	0.794
170	14.010	35.047	26.222	0.813
180	13.370	34.983	26.306	0.831
190	13.061	34.949	26.342	0.848
200	12.760	34.914	26.375	0.866
250	12.122	34.866	26.462	0.948
300	11.677	34.843	26.529	1.029
350	11.056	34.807	26.616	1.105
400	10.164	34.755	26.733	1.177
450	9.134	34.695	26.858	1.244
500	8.297	34.646	26.952	1.306
550	7.411	34.601	27.047	1.363
600	6.679	34.560	27.116	1.416
650	6.403	34.558	27.151	1.467
700	5.926	34.543	27.201	1.516
750	5.688	34.544	27.232	1.563
800	5.347	34.541	27.271	1.609
900	4.721	34.544	27.346	1.696
1000	4.405	34.550	27.385	1.776
1005	4.387	34.551	27.388	1.780

CAST TG1-92-DI -011 DATE 16 MAR 92 TIME 0317 GMT
LAT 00 59.8S LONG 155 00.4W

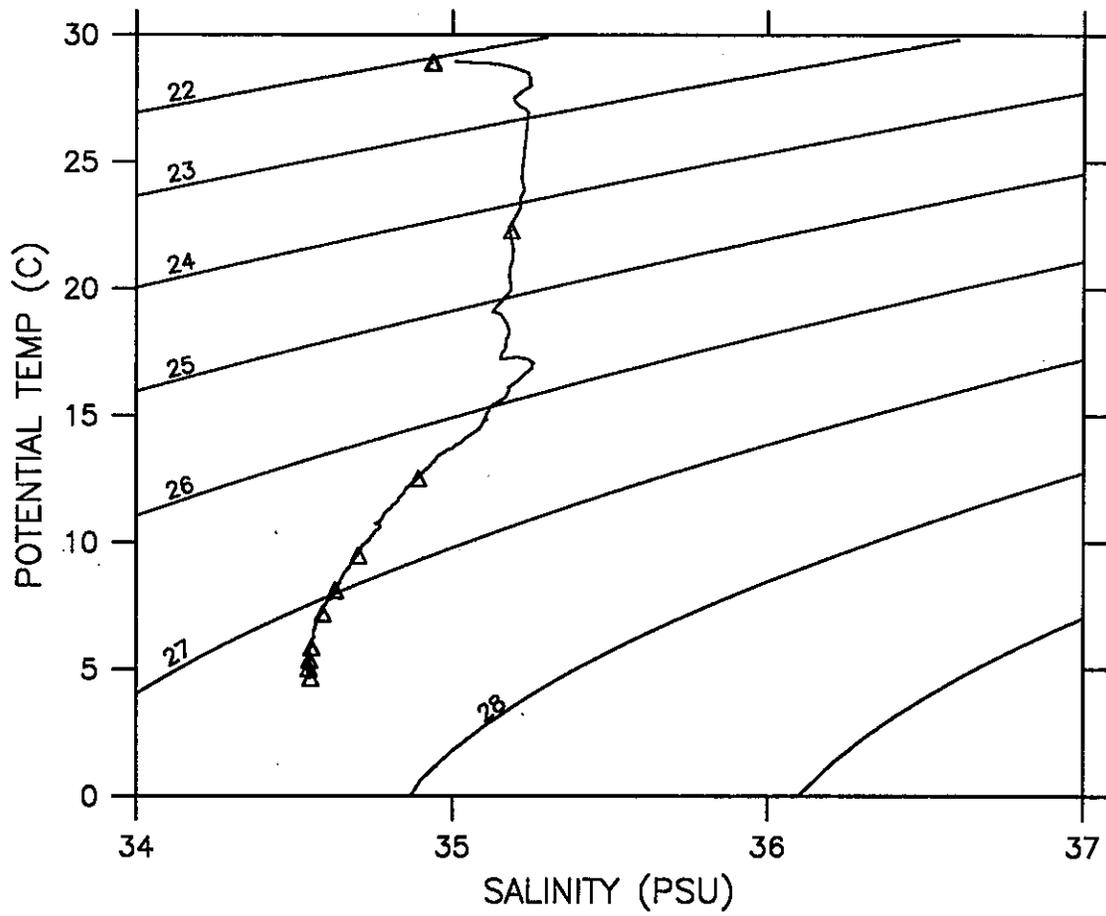


CAST TG1-92-DI -011 DATE 16 MAR 92 TIME 0317 GMT
 LAT 00 59.8S LONG 155 00.4W WEATHER 1 SEA STATE 3
 BAROMETER 06 WIND DIR 135 T SPD 08 KT VISIBILITY 7
 CLOUD 6 AMOUNT 7 DRY 27.1 WET 25.2 DEPTH 4744 M

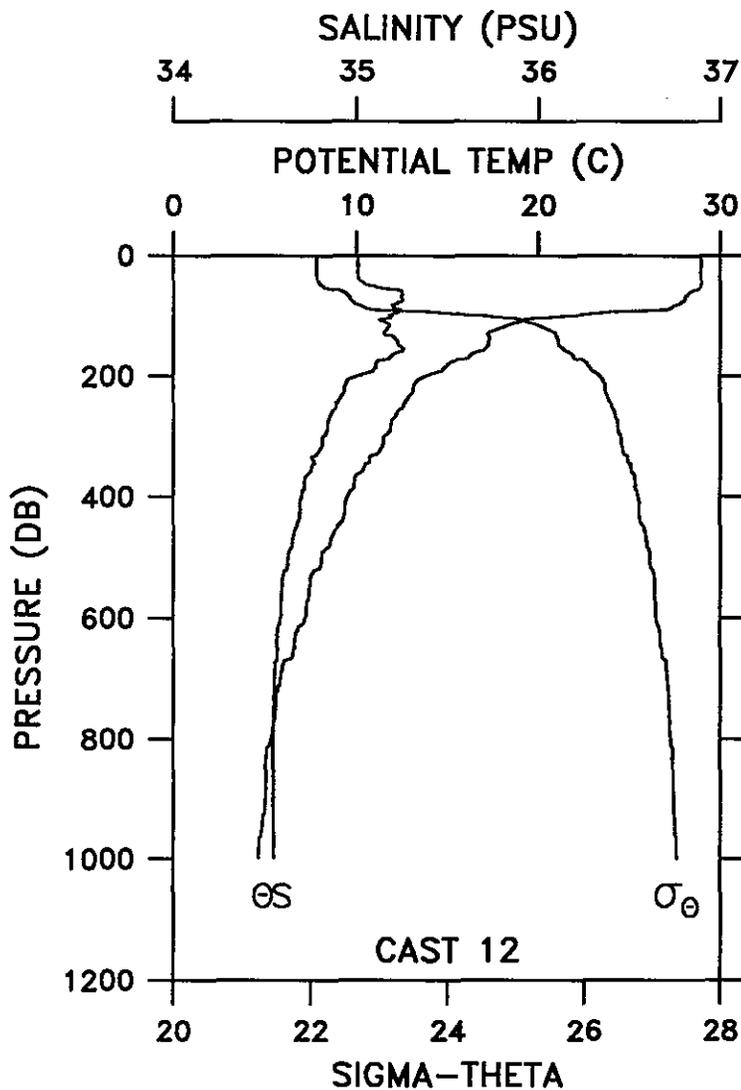


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.183	34.971	21.984	0.000
10	29.178	34.970	21.984	0.058
20	29.138	34.967	21.996	0.117
30	29.091	34.965	22.010	0.175
40	29.083	34.967	22.013	0.233
50	29.081	34.971	22.018	0.291
60	29.084	34.991	22.031	0.349
70	29.050	35.043	22.082	0.407
80	28.908	35.072	22.152	0.465
90	27.147	35.319	22.913	0.518
100	25.305	35.300	23.476	0.566
110	23.538	35.366	24.056	0.607
120	21.261	35.408	24.734	0.644
130	18.958	35.401	25.340	0.673
140	17.202	35.331	25.721	0.697
150	15.899	35.237	25.954	0.719
160	14.905	35.135	26.098	0.739
170	13.973	35.045	26.228	0.758
180	13.395	34.984	26.301	0.776
190	13.050	34.952	26.347	0.794
200	12.628	34.912	26.400	0.811
250	11.889	34.843	26.489	0.892
300	11.419	34.811	26.552	0.971
350	10.684	34.768	26.652	1.046
400	9.543	34.704	26.798	1.116
450	8.572	34.651	26.912	1.180
500	7.840	34.610	26.992	1.239
550	6.910	34.576	27.097	1.294
600	6.617	34.565	27.129	1.345
650	6.264	34.557	27.169	1.396
700	5.891	34.550	27.211	1.444
750	5.606	34.548	27.245	1.491
800	5.279	34.543	27.280	1.536
900	4.856	34.545	27.331	1.621
1000	4.467	34.553	27.381	1.703
1002	4.444	34.555	27.385	1.704

CAST TG1-92-DI -012 DATE 16 MAR 92 TIME 1150 GMT
LAT 00 02.3N LONG 155 00.8W



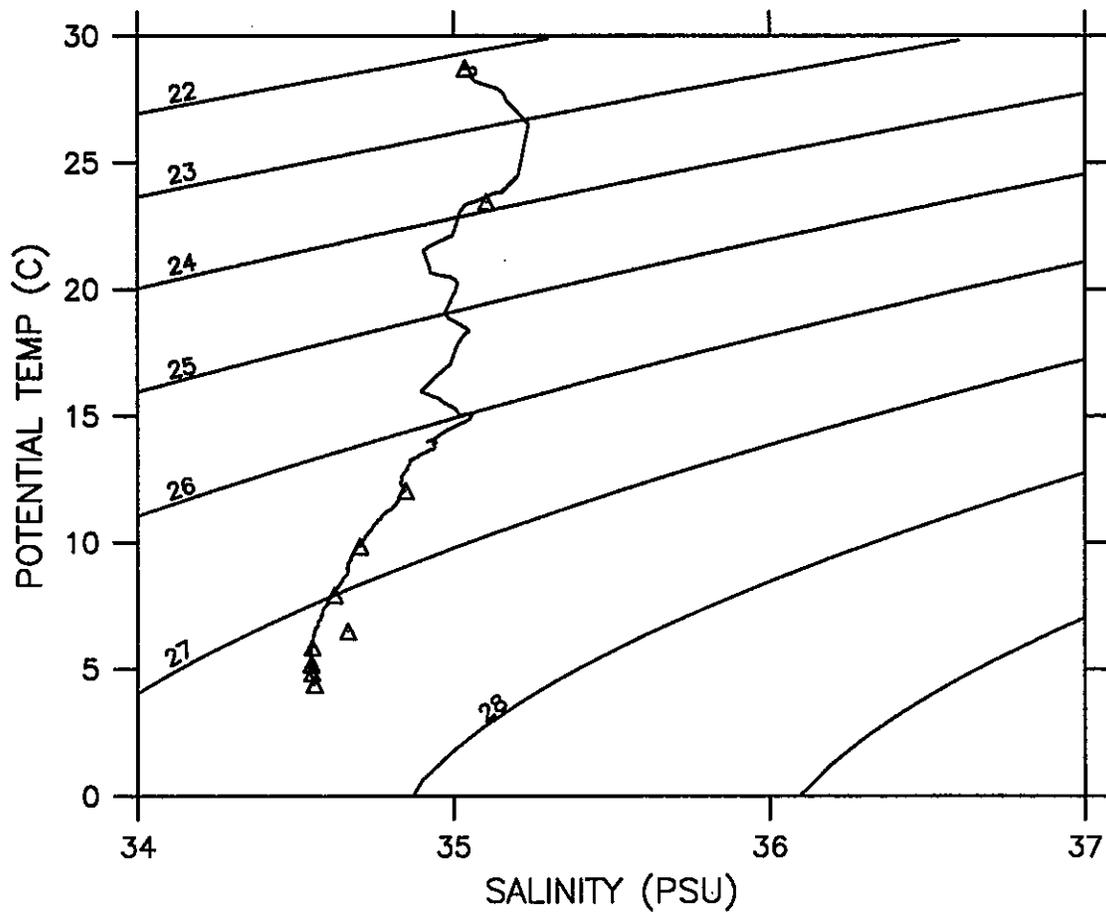
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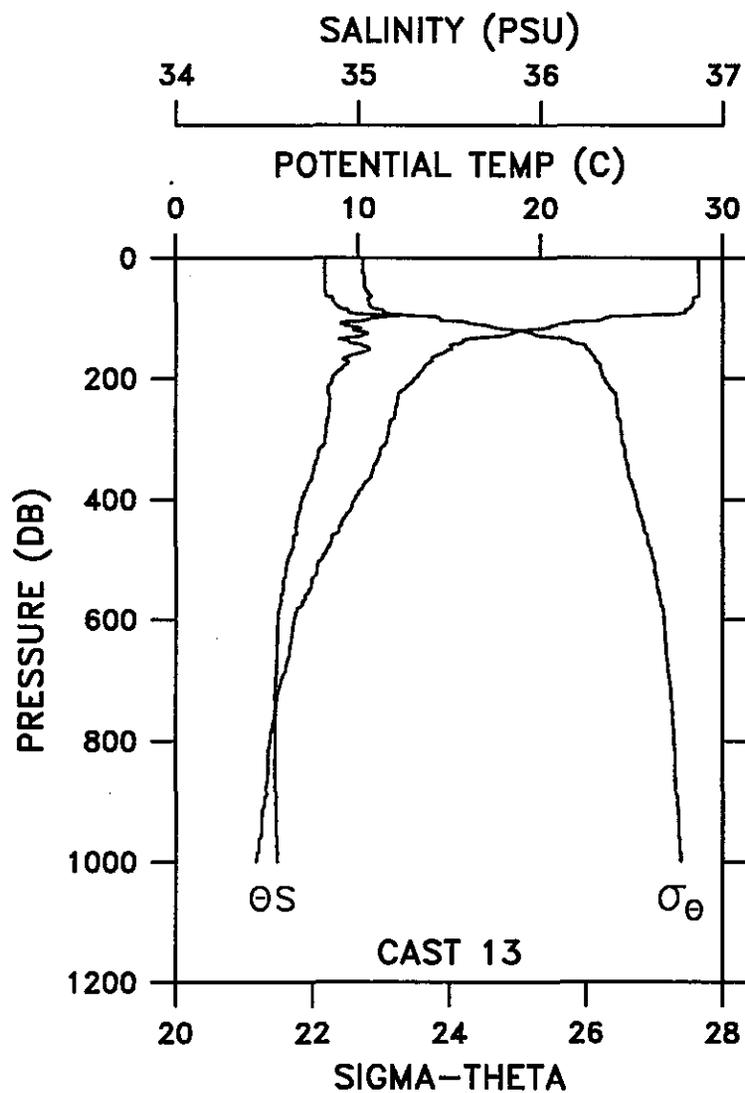


CAST TG1-92-DI -012 DATE 16 MAR 92 TIME 1150 GMT
 LAT 00 02.3N LONG 155 00.8W WEATHER 1 SEA STATE 4
 BAROMETER 07 WIND DIR 060 T SPD 14 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 28.0 WET 26.2 DEPTH 4673 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.946	35.010	22.092	0.000
10	28.950	35.010	22.091	0.057
20	28.950	35.011	22.091	0.115
30	28.949	35.011	22.091	0.172
40	28.948	35.017	22.097	0.229
50	28.889	35.097	22.177	0.286
60	28.329	35.246	22.473	0.342
70	28.045	35.249	22.569	0.395
80	27.645	35.210	22.670	0.448
90	26.076	35.235	23.189	0.499
100	21.152	35.192	24.600	0.538
110	18.837	35.161	25.187	0.568
120	17.856	35.170	25.439	0.595
130	17.219	35.154	25.581	0.620
140	17.259	35.222	25.624	0.644
150	17.187	35.245	25.659	0.668
160	16.648	35.232	25.777	0.691
170	16.111	35.177	25.859	0.714
180	15.034	35.108	26.049	0.734
190	14.723	35.094	26.106	0.754
200	13.767	35.005	26.240	0.773
250	12.543	34.887	26.397	0.860
300	11.507	34.816	26.540	0.941
350	10.449	34.757	26.685	1.017
400	9.535	34.700	26.797	1.086
450	8.946	34.669	26.868	1.151
500	8.095	34.625	26.965	1.212
550	7.436	34.594	27.038	1.269
600	7.191	34.585	27.065	1.324
650	6.580	34.566	27.134	1.377
700	5.816	34.550	27.221	1.425
750	5.579	34.548	27.248	1.471
800	5.345	34.545	27.274	1.517
900	5.020	34.544	27.311	1.603
1000	4.648	34.550	27.358	1.687
1007	4.643	34.550	27.359	1.693

CAST TG1-92-DI -013 DATE 16 MAR 92 TIME 1717 GMT
LAT 01 00.1N LONG 155 00.1W

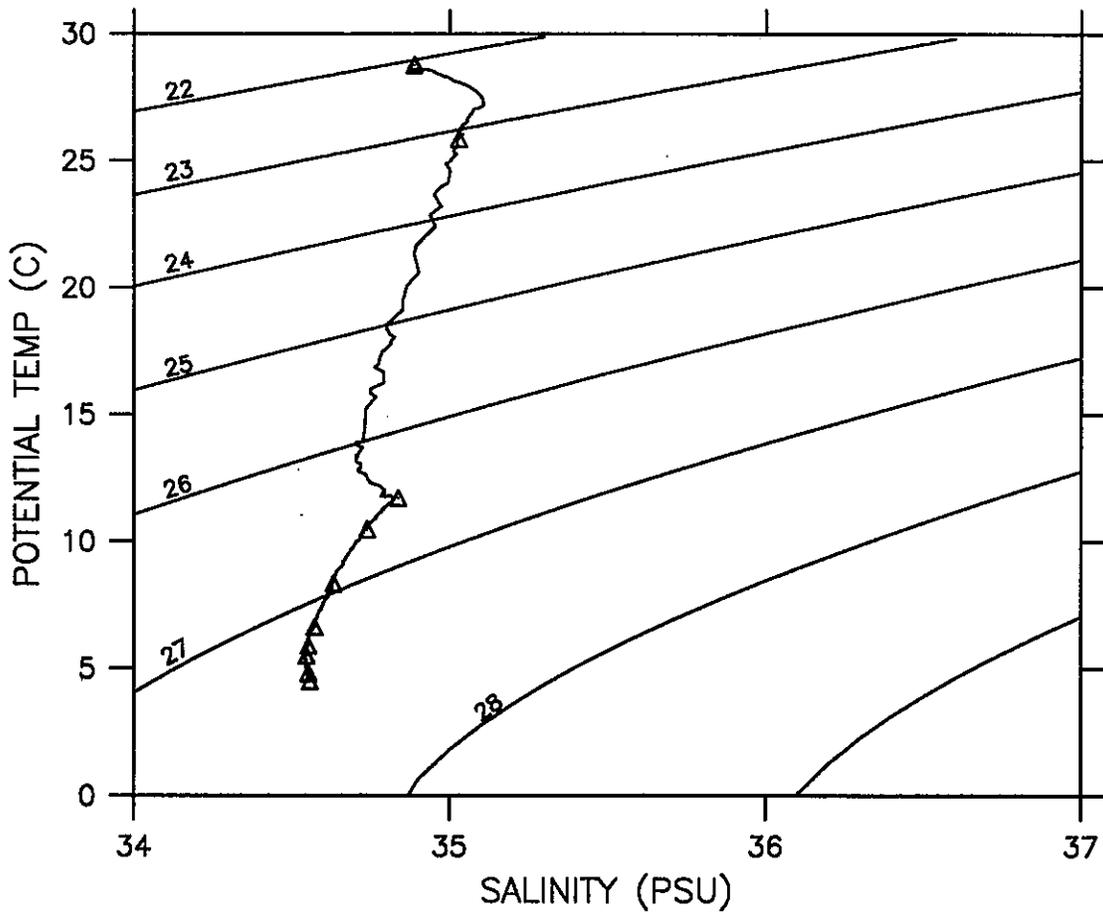


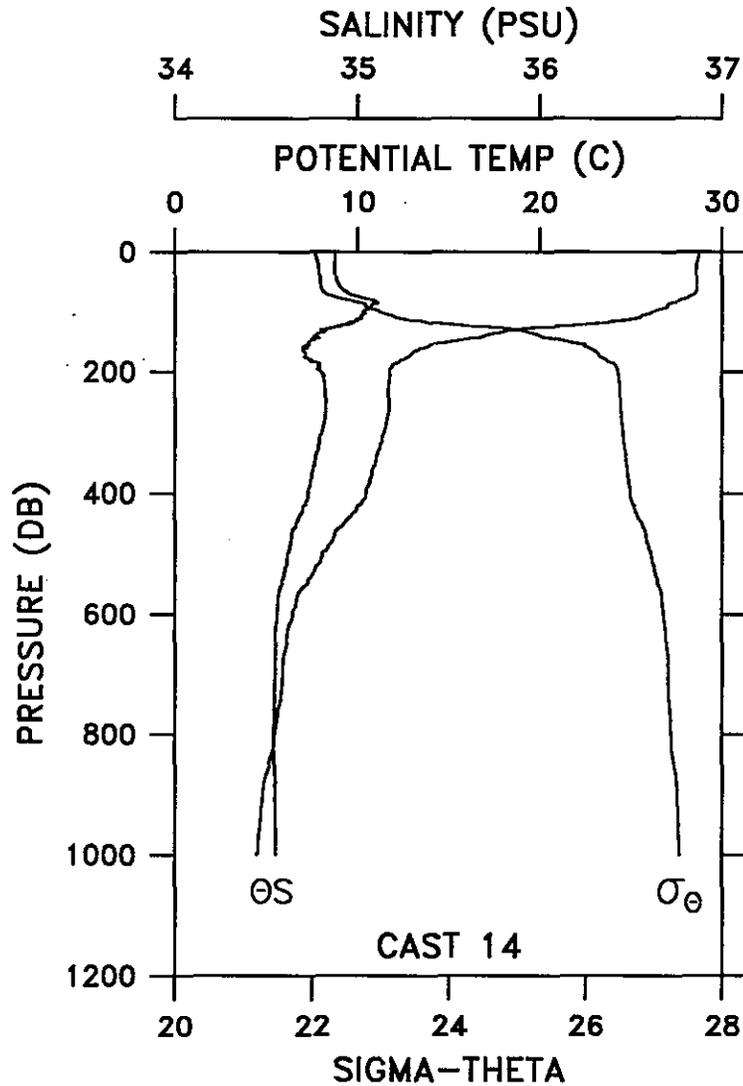


CAST TG1-92-DI -013 DATE 16 MAR 92 TIME 1717 GMT
 LAT 01 00.1N LONG 155 00.1W WEATHER 1 SEA STATE 4
 BAROMETER 01 WIND DIR 072 T SPD 19 KT VISIBILITY 7
 CLOUD 8 AMOUNT 5 DRY 28.0 WET 26.0 DEPTH 4762 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.708	35.027	22.184	0.000
10	28.709	35.026	22.183	0.056
20	28.712	35.026	22.182	0.113
30	28.721	35.032	22.184	0.169
40	28.725	35.037	22.186	0.226
50	28.726	35.040	22.188	0.282
60	28.739	35.059	22.198	0.339
70	28.408	35.057	22.306	0.395
80	28.250	35.063	22.362	0.450
90	27.931	35.137	22.522	0.504
100	23.539	35.084	23.843	0.552
110	21.207	34.913	24.372	0.591
120	19.098	34.973	24.977	0.625
130	17.830	35.013	25.325	0.653
140	15.702	34.951	25.778	0.677
150	15.093	35.055	25.995	0.698
160	14.468	34.983	26.075	0.718
170	14.031	34.933	26.129	0.737
180	13.616	34.917	26.203	0.756
190	13.355	34.879	26.228	0.774
200	13.071	34.858	26.270	0.793
250	12.040	34.840	26.457	0.877
300	11.585	34.818	26.526	0.957
350	10.826	34.757	26.618	1.034
400	9.823	34.694	26.743	1.106
450	8.975	34.662	26.858	1.172
500	7.953	34.615	26.979	1.233
550	7.305	34.585	27.049	1.289
600	6.490	34.559	27.141	1.341
650	6.234	34.554	27.171	1.391
700	5.757	34.547	27.225	1.439
750	5.430	34.546	27.265	1.485
800	5.181	34.545	27.294	1.529
900	4.821	34.546	27.336	1.615
1000	4.412	34.555	27.389	1.696
1004	4.403	34.555	27.390	1.699

CAST TG1-92-DI -014 DATE 17 MAR 92 TIME 0007 GMT
LAT 02 00.1N LONG 155 01.5W

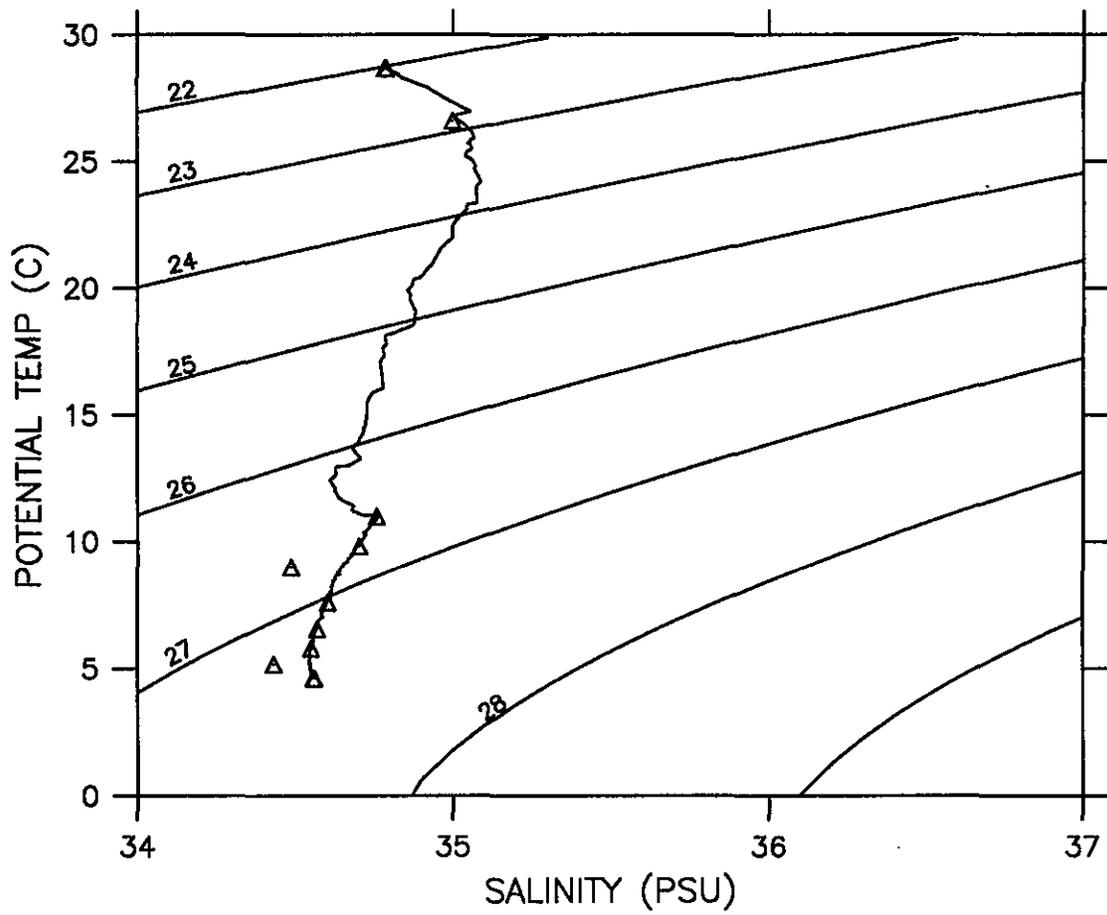




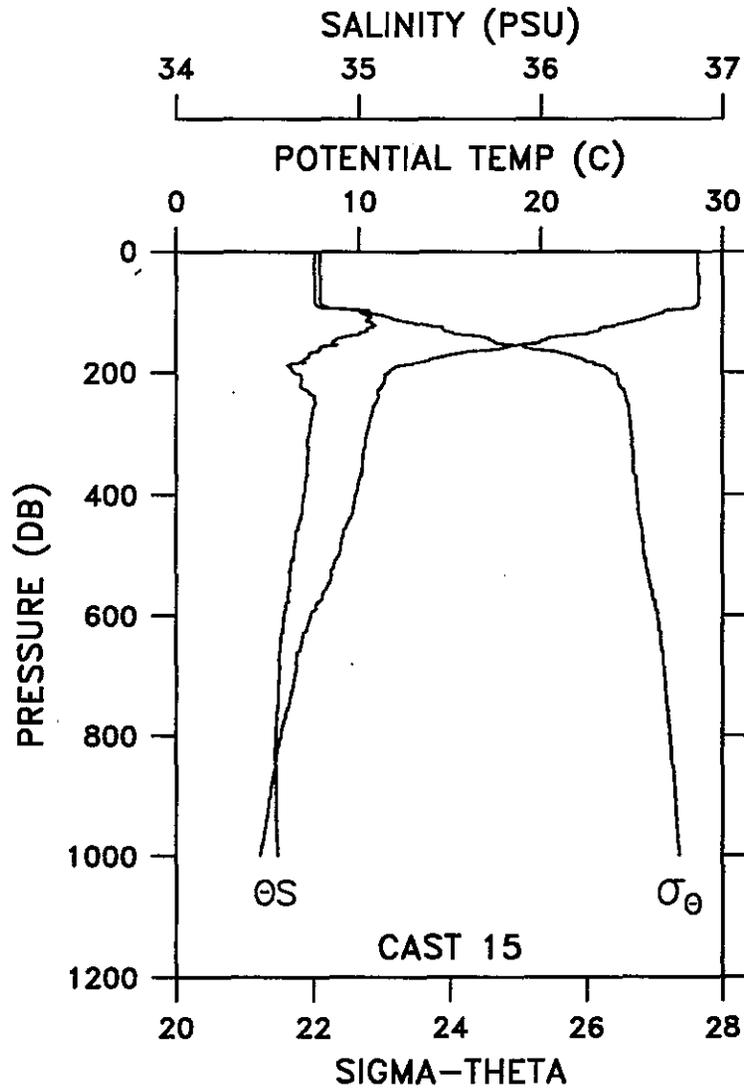
CAST TG1-92-DI -014 DATE 17 MAR 92 TIME 0007 GMT
 LAT 02 00.1N LONG 155 01.5W WEATHER 1 SEA STATE 4
 BAROMETER 07 WIND DIR 065 T SPD 19 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 29.1 WET 26.7 DEPTH 4701 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.772	34.878	22.051	0.000
10	28.715	34.877	22.069	0.058
20	28.641	34.876	22.093	0.115
30	28.605	34.876	22.104	0.172
40	28.596	34.879	22.110	0.230
50	28.596	34.888	22.117	0.287
60	28.601	34.906	22.129	0.344
70	28.474	34.953	22.206	0.401
80	27.736	35.084	22.546	0.456
90	27.003	35.075	22.775	0.508
100	26.215	35.029	22.990	0.558
110	25.292	35.014	23.264	0.606
120	22.857	34.936	23.928	0.650
130	18.525	34.798	24.988	0.685
140	16.983	34.775	25.347	0.713
150	15.098	34.731	25.744	0.738
160	13.704	34.723	26.035	0.759
170	12.940	34.717	26.186	0.778
180	12.413	34.741	26.309	0.796
190	11.887	34.786	26.445	0.813
200	11.767	34.801	26.479	0.829
250	11.709	34.824	26.508	0.908
300	11.430	34.803	26.544	0.987
350	10.952	34.763	26.600	1.064
400	10.479	34.731	26.659	1.138
450	9.203	34.660	26.820	1.208
500	8.072	34.616	26.962	1.270
550	7.224	34.586	27.062	1.327
600	6.465	34.560	27.145	1.378
650	6.095	34.550	27.185	1.427
700	5.875	34.547	27.210	1.475
750	5.731	34.543	27.225	1.522
800	5.472	34.541	27.256	1.568
900	4.788	34.548	27.341	1.656
1000	4.488	34.552	27.378	1.737
1003	4.479	34.553	27.380	1.740

CAST TG1-92-DI -015 DATE 18 MAR 92 TIME 1450 GMT
LAT 03 29.7N LONG 154 57.8W



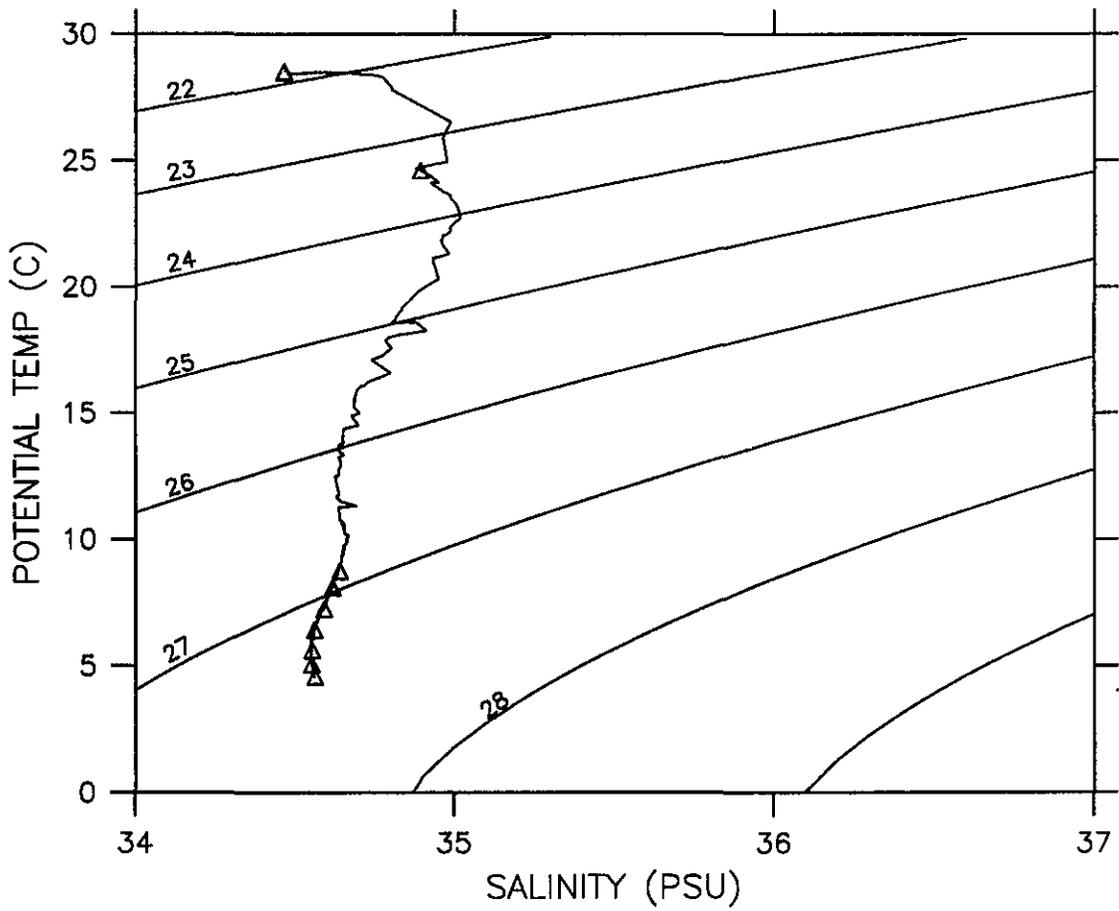
365

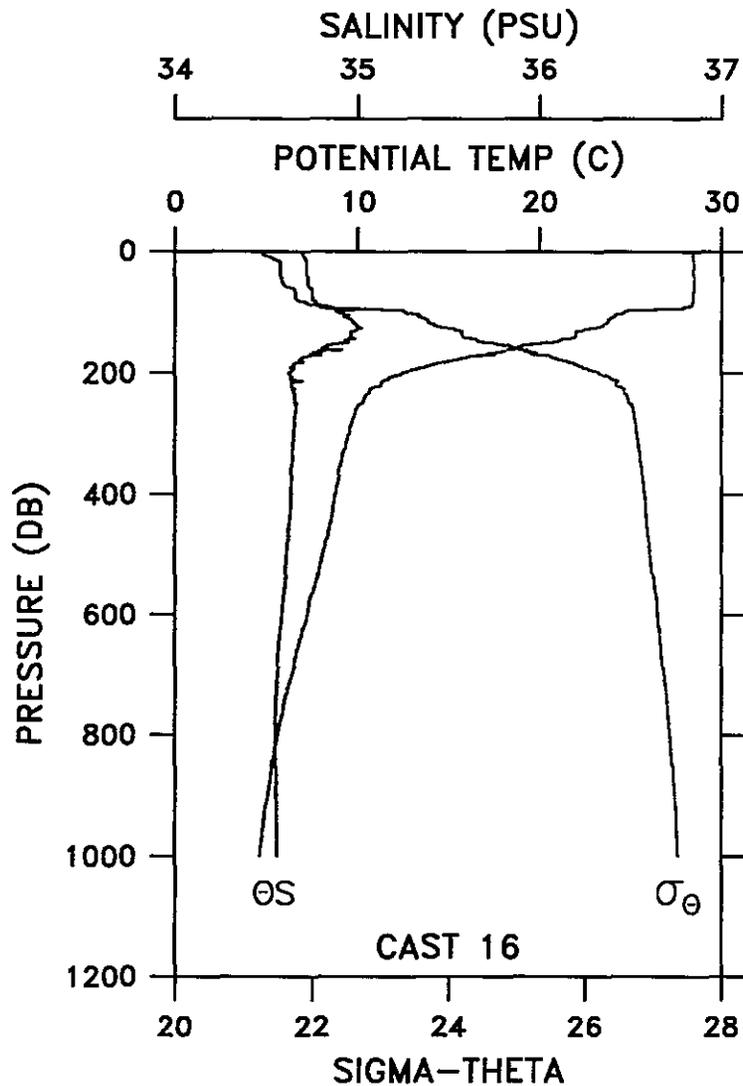


CAST TG1-92-DI -015 DATE 18 MAR 92 TIME 1450 GMT
 LAT 03 29.7N LONG 154 57.8W WEATHER 9 SEA STATE 4
 BAROMETER 02 WIND DIR 030 T SPD 17 KT VISIBILITY 6
 CLOUD 3 AMOUNT 6 DRY 28.6 WET 28.0 DEPTH 4748 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.666	34.787	22.018	0.000
10	28.661	34.787	22.019	0.058
20	28.667	34.787	22.017	0.116
30	28.665	34.787	22.018	0.174
40	28.670	34.786	22.016	0.232
50	28.668	34.787	22.017	0.290
60	28.665	34.787	22.018	0.349
70	28.667	34.787	22.017	0.407
80	28.667	34.786	22.016	0.465
90	28.583	34.800	22.055	0.523
100	26.745	35.007	22.806	0.578
110	25.760	35.054	23.151	0.627
120	24.556	35.075	23.534	0.673
130	23.219	35.045	23.906	0.715
140	21.241	34.947	24.389	0.754
150	19.953	34.859	24.668	0.788
160	17.783	34.792	25.167	0.818
170	15.232	34.728	25.712	0.844
180	13.848	34.694	25.983	0.866
190	12.050	34.626	26.290	0.885
200	11.650	34.649	26.383	0.902
250	10.913	34.760	26.605	0.981
300	10.446	34.727	26.662	1.054
350	10.229	34.721	26.695	1.125
400	9.823	34.698	26.746	1.195
450	9.343	34.670	26.804	1.263
500	8.925	34.644	26.851	1.328
550	8.277	34.620	26.934	1.391
600	7.350	34.589	27.046	1.449
650	6.857	34.574	27.103	1.503
700	6.478	34.562	27.145	1.555
750	6.155	34.554	27.181	1.605
800	5.740	34.546	27.227	1.653
900	5.147	34.545	27.298	1.744
1000	4.609	34.557	27.368	1.829
1000	4.609	34.557	27.368	1.829

CAST TG1-92-DI -016 DATE 19 MAR 92 TIME 0018 GMT
LAT 04 57.4N LONG 154 53.4W





CAST TG1-92-DI -016 DATE 19 MAR 92 TIME 0018 GMT
 LAT 04 57.4N LONG 154 53.4W WEATHER 2 SEA STATE 3
 BAROMETER 10 WIND DIR T SPD 03 KT VISIBILITY 7
 CLOUD 3 AMOUNT 8 DRY 28.0 WET 25.2 DEPTH 4613 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.443	34.479	21.860	0.000
10	28.446	34.521	21.891	0.059
20	28.484	34.575	21.919	0.118
30	28.485	34.577	21.920	0.177
40	28.478	34.577	21.922	0.237
50	28.480	34.582	21.925	0.296
60	28.470	34.627	21.962	0.355
70	28.432	34.655	21.996	0.413
80	28.429	34.664	22.003	0.472
90	28.274	34.774	22.137	0.530
100	24.634	34.894	23.374	0.581
110	23.967	34.942	23.609	0.625
120	23.524	34.988	23.774	0.668
130	22.361	34.986	24.107	0.708
140	21.942	34.962	24.207	0.746
150	20.306	34.948	24.642	0.782
160	18.567	34.803	24.981	0.813
170	17.316	34.799	25.285	0.842
180	15.128	34.692	25.707	0.866
190	13.726	34.637	25.964	0.888
200	12.464	34.623	26.207	0.908
250	10.157	34.665	26.664	0.987
300	9.520	34.651	26.760	1.055
350	9.084	34.640	26.823	1.121
400	8.744	34.634	26.873	1.185
450	8.461	34.622	26.907	1.247
500	8.083	34.611	26.956	1.307
550	7.639	34.599	27.012	1.365
600	7.222	34.584	27.060	1.421
650	6.765	34.569	27.111	1.474
700	6.372	34.558	27.155	1.526
750	5.915	34.549	27.207	1.575
800	5.604	34.550	27.247	1.622
900	5.051	34.551	27.314	1.711
1000	4.621	34.558	27.368	1.794
1006	4.585	34.558	27.372	1.799

CAST TG1-92-DI -001 LAT 05 00.2N LONG 170 01.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	28.481	34.587	0.00	28.480	21.929
2.	28.476	34.587	0.00	28.476	21.930
101.	23.815	34.900	0.00	23.794	23.628
251.	10.402	34.654	0.00	10.372	26.618
400.	8.562	34.626	0.00	8.520	26.901
499.	7.781	34.598	0.00	7.731	26.998
599.	7.181	34.579	0.00	7.123	27.070
700.	6.502	34.555	0.00	6.437	27.145
799.	6.011	34.548	0.00	5.939	27.203
899.	5.393	34.486	0.00	5.316	27.231
1020.	4.640	34.553	0.00	4.558	27.371
1018.	4.643	34.553	0.00	4.561	27.371

CAST TG1-92-DI -004 LAT 02 09.5S LONG 170 03.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	29.267	34.422	0.00	29.266	21.543
54.	29.104	34.644	0.00	29.091	21.769
82.	28.910	35.112	0.00	28.890	22.187
104.	25.124	35.471	0.00	25.101	23.668
127.	22.514	35.478	0.00	22.488	24.444
152.	17.106	35.381	0.00	17.081	25.788
254.	11.805	34.859	0.00	11.772	26.523
486.	9.582	34.702	0.00	9.526	26.799

CAST TG1-92-DI -002 LAT 01 58.7N LONG 170 03.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	28.987	34.748	0.00	28.986	21.882
3.	28.991	34.749	0.00	28.990	21.881
102.	25.255	35.034	0.00	25.233	23.298
254.	11.429	34.800	0.00	11.397	26.548
401.	10.141	34.724	0.00	10.094	26.721
501.	8.589	34.625	0.00	8.535	26.898
598.	7.081	34.574	0.00	7.023	27.080
697.	6.000	34.549	0.00	5.938	27.204
799.	5.403	34.543	0.00	5.335	27.274
899.	4.780	34.548	0.00	4.707	27.350
1009.	4.326	34.556	0.00	4.247	27.407
1008.	4.326	34.557	0.00	4.247	27.408

CAST TG1-92-DI -005 LAT 05 00.8S LONG 169 59.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	28.730	34.529	0.00	28.730	21.803
53.	28.984	34.982	0.00	28.971	22.062
103.	28.013	35.480	0.00	27.989	22.762
251.	13.486	35.056	0.00	13.451	26.345
401.	9.308	34.696	0.00	9.263	26.838
500.	8.157	34.617	0.00	8.105	26.958
601.	7.361	34.593	0.00	7.302	27.056
699.	6.793	34.565	0.00	6.727	27.114
801.	6.014	34.534	0.00	5.942	27.192
901.	5.272	34.516	0.00	5.196	27.269
993.	4.647	34.535	0.00	4.567	27.356
992.	4.647	34.534	0.00	4.567	27.355

CAST TG1-92-DI -003 LAT 00 00.4N LONG 170 00.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	28.902	34.789	0.00	28.901	21.941
249.	12.591	34.901	0.00	12.557	26.405
498.	8.773	34.656	0.00	8.719	26.894
997.	4.520	34.553	0.00	4.441	27.384
1495.	3.074	34.597	0.00	2.966	27.567
1993.	2.269	34.637	0.00	2.129	27.671
2496.	1.865	34.657	0.00	1.688	27.721
2999.	1.637	34.670	0.00	1.417	27.751
3499.	1.532	34.679	0.00	1.265	27.769
4000.	1.420	34.688	0.00	1.103	27.788
4502.	1.265	34.699	0.00	0.897	27.810
5102.	1.252	34.702	0.00	0.814	27.818

CAST TG1-92-DI -006 LAT 08 16.6S LONG 154 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	30.253	35.356	0.00	30.252	21.909
99.	27.815	36.220	0.00	27.792	23.383
197.	21.158	35.996	0.00	21.120	25.221
297.	12.803	34.913	0.00	12.762	26.374
397.	9.588	34.702	0.00	9.543	26.797
494.	7.937	34.611	0.00	7.887	26.985
595.	6.741	34.558	0.00	6.685	27.114
694.	5.974	34.532	0.00	5.913	27.194
797.	5.419	34.526	0.00	5.351	27.258
892.	4.911	34.525	0.00	4.838	27.317
997.	4.455	34.531	0.00	4.376	27.373
997.	4.454	34.530	0.00	4.375	27.373

CAST TG1-92-DI -007 LAT 04 57.1S LONG 154 58.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	29.648	35.043	0.00	29.647	21.881
3.	29.643	35.044	0.00	29.642	21.883
102.	28.380	35.442	0.00	28.356	22.612
253.	12.815	34.973	0.00	12.780	26.416
403.	9.837	34.734	0.00	9.790	26.780
503.	8.660	34.668	0.00	8.606	26.921
602.	7.472	34.597	0.00	7.412	27.044
700.	6.409	34.556	0.00	6.345	27.158
798.	5.678	34.539	0.00	5.609	27.237
898.	5.049	34.534	0.00	4.974	27.309
1001.	4.498	34.542	0.00	4.418	27.378
1002.	4.498	34.543	0.00	4.418	27.378

CAST TG1-92-DI -010 LAT 02 02.5S LONG 155 04.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	29.311	34.903	0.00	29.310	21.890
3.	29.319	34.903	0.00	29.318	21.887
98.	27.401	35.439	0.00	27.378	22.929
247.	12.136	34.871	0.00	12.104	26.470
396.	10.251	34.760	0.00	10.204	26.730
495.	8.251	34.634	0.00	8.199	26.957
595.	6.667	34.557	0.00	6.612	27.123
696.	5.982	34.542	0.00	5.920	27.201
795.	5.500	34.543	0.00	5.432	27.262
896.	4.792	34.536	0.00	4.719	27.339
1002.	4.432	34.550	0.00	4.353	27.391
1002.	4.445	34.550	0.00	4.366	27.390

CAST TG1-92-DI -008 LAT 04 04.0S LONG 154 50.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	29.612	34.787	0.00	29.612	21.701
2.	29.612	34.785	0.00	29.612	21.699
98.	27.161	35.517	0.00	27.138	23.065
246.	12.465	34.890	0.00	12.432	26.421
395.	10.545	34.777	0.00	10.497	26.692
496.	8.378	34.649	0.00	8.326	26.949
596.	7.269	34.593	0.00	7.211	27.069
698.	6.427	34.557	0.00	6.363	27.156
795.	5.610	34.538	0.00	5.541	27.245
895.	4.893	34.524	0.00	4.820	27.319
992.	4.637	34.537	0.00	4.557	27.358
993.	4.637	34.537	0.00	4.557	27.358

CAST TG1-92-DI -011 LAT 00 59.8S LONG 155 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	29.153	34.976	0.00	29.152	21.998
2.	29.145	34.976	0.00	29.144	22.000
98.	26.793	35.306	0.00	26.771	23.023
246.	11.919	34.851	0.00	11.887	26.495
396.	9.641	34.711	0.00	9.596	26.795
496.	7.908	34.616	0.00	7.857	26.994
596.	6.698	34.567	0.00	6.642	27.127
696.	6.097	34.557	0.00	6.035	27.198
795.	5.483	34.550	0.00	5.415	27.270
897.	4.941	34.548	0.00	4.867	27.332
990.	4.627	34.554	0.00	4.547	27.373
988.	4.628	34.554	0.00	4.548	27.373

CAST TG1-92-DI -009 LAT 03 00.0S LONG 154 58.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	29.464	34.871	0.00	29.463	21.814
3.	29.466	34.870	0.00	29.465	21.813
102.	27.605	35.507	0.00	27.581	22.915
251.	12.235	34.876	0.00	12.202	26.455
399.	10.604	34.780	0.00	10.556	26.684
499.	8.660	34.667	0.00	8.606	26.920
598.	7.002	34.584	0.00	6.945	27.099
690.	6.064	34.552	0.00	6.002	27.199
799.	5.309	34.545	0.00	5.242	27.286
898.	4.857	34.545	0.00	4.784	27.339
899.	4.854	34.547	0.00	4.781	27.341
1009.	4.445	34.558	0.00	4.365	27.396

CAST TG1-92-DI -012 LAT 00 02.3N LONG 155 00.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	28.900	34.941	0.00	28.899	22.056
3.	28.900	34.937	0.00	28.899	22.053
101.	22.304	35.188	0.00	22.284	24.282
250.	12.545	34.892	0.00	12.511	26.407
402.	9.507	34.703	0.00	9.461	26.811
498.	8.142	34.630	0.00	8.090	26.970
600.	7.237	34.591	0.00	7.178	27.072
696.	5.896	34.556	0.00	5.835	27.223
797.	5.413	34.550	0.00	5.345	27.278
899.	5.092	34.548	0.00	5.017	27.315
1004.	4.725	34.553	0.00	4.643	27.361
1003.	4.725	34.553	0.00	4.643	27.361

CAST TG1-92-DI -013 LAT 01 00.1N LONG 155 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	28.707	35.031*	0.00	28.706*	22.188*
3.	28.709	35.036	0.00	28.708	22.191
102.	23.462	35.106	0.00	23.441	23.888
253.	12.073	34.847	0.00	12.040	26.463
397.	9.884	34.703	0.00	9.838	26.748
496.	7.968	34.622	0.00	7.917	26.990
596.	6.542	34.665	0.00	6.487	27.225
695.	5.919	34.552	0.00	5.858	27.217
796.	5.254	34.549	0.00	5.187	27.296
896.	4.902	34.550	0.00	4.829	27.338
1010.	4.470	34.559	0.00	4.390	27.394
1009.	4.473	34.558	0.00	4.393	27.393

CAST TG1-92-DI -016 LAT 04 57.4N LONG 154 53.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	28.468	34.462	0.00	28.467	21.839
3.	28.509	34.464	0.00	28.508	21.827
102.	24.631	34.893	0.00	24.609	23.380
250.	10.168	34.657*	0.00	10.139*	26.661*
401.	8.779	34.639	0.00	8.736	26.878
497.	8.136	34.616	0.00	8.085	26.960
599.	7.306	34.590	0.00	7.247	27.061
697.	6.480	34.560	0.00	6.416	27.151
799.	5.688	34.552	0.00	5.618	27.247
895.	5.140	34.550	0.00	5.065	27.311
1003.	4.661	34.561	0.00	4.580	27.375
1003.	4.666	34.561	0.00	4.585	27.374

CAST TG1-92-DI -014 LAT 02 00.1N LONG 155 01.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	28.787	34.888	0.00	28.786	22.054
4.	28.767	34.888	0.00	28.766	22.060
101.	25.865	35.029	0.00	25.843	23.106
251.	11.729	34.837	0.00	11.697	26.521
400.	10.518	34.738	0.00	10.470	26.666
500.	8.378	34.631	0.00	8.325	26.935
597.	6.676	34.572	0.00	6.620	27.134
699.	5.940	34.552	0.00	5.878	27.214
799.	5.558	34.546	0.00	5.489	27.258
897.	4.868	34.552	0.00	4.795	27.344
999.	4.568	34.556	0.00	4.488	27.381
1000.	4.565	34.556	0.00	4.485	27.381

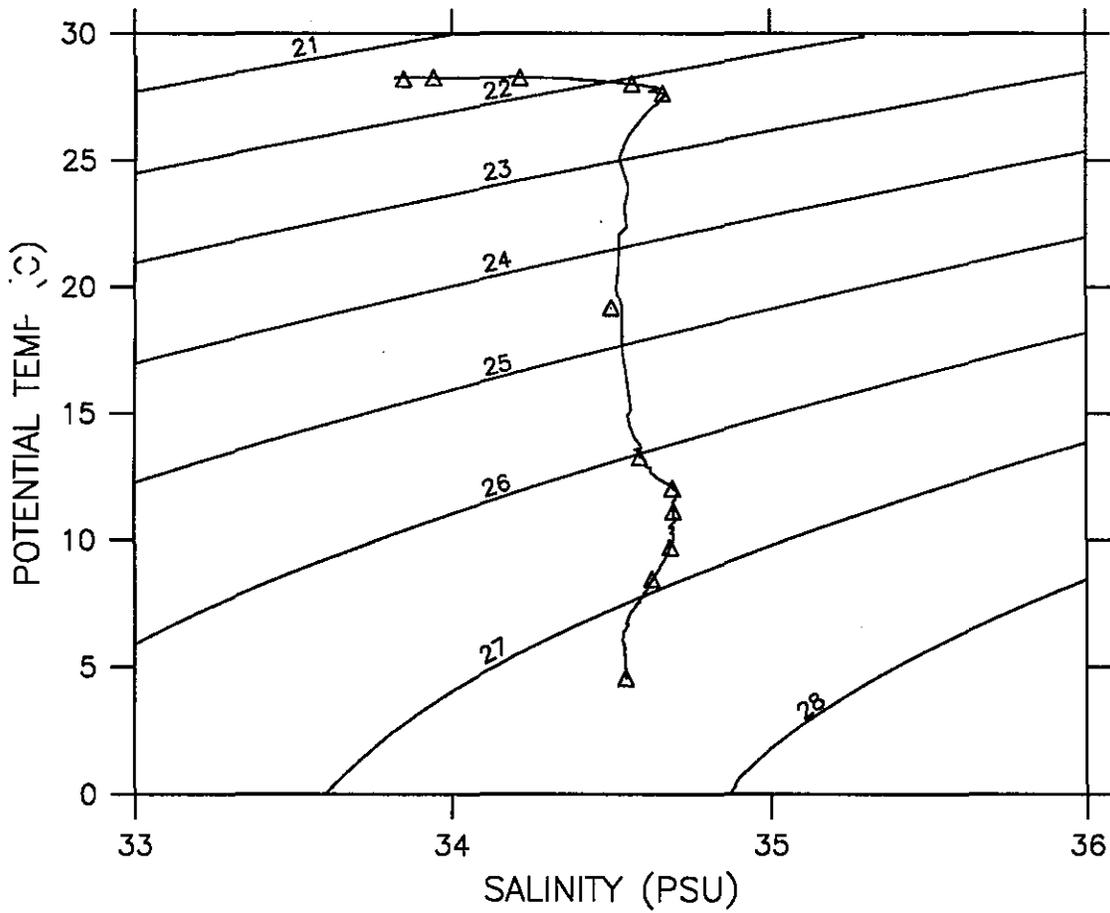
CAST TG1-92-DI -015 LAT 03 29.7N LONG 154 57.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	28.660	34.789	0.00	28.659	22.021
3.	28.662	34.784	0.00	28.661	22.017
97.	26.612	35.000	0.00	26.590	22.850
248.	11.009	34.759	0.00	10.978	26.592
397.	9.853	34.704	0.00	9.807	26.754
496.	9.042	34.487	0.00	8.987	26.719
596.	7.659	34.603	0.00	7.599	27.021
696.	6.627	34.568	0.00	6.562	27.138
798.	5.856	34.549	0.00	5.785	27.223
895.	5.240	34.430	0.00	5.165	27.204
998.	4.704	34.556	0.00	4.623	27.366
997.	4.702	34.559	0.00	4.621	27.369

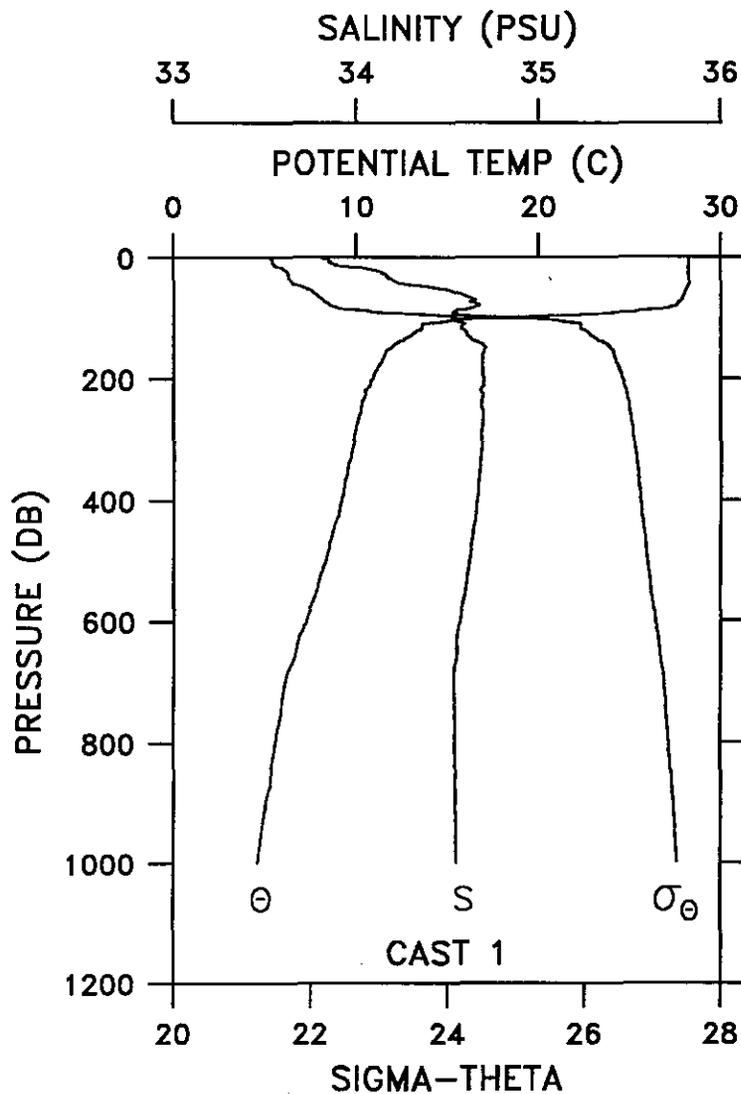
* Calculated from CTD values

TG2-92-DI
July 27–August 29, 1992
CTD and Hydrographic Data Summary

CAST TG2-92-DI -001 DATE 09 AUG 92 TIME 444 GMT
LAT 09 18.0N LONG 151 10.9W

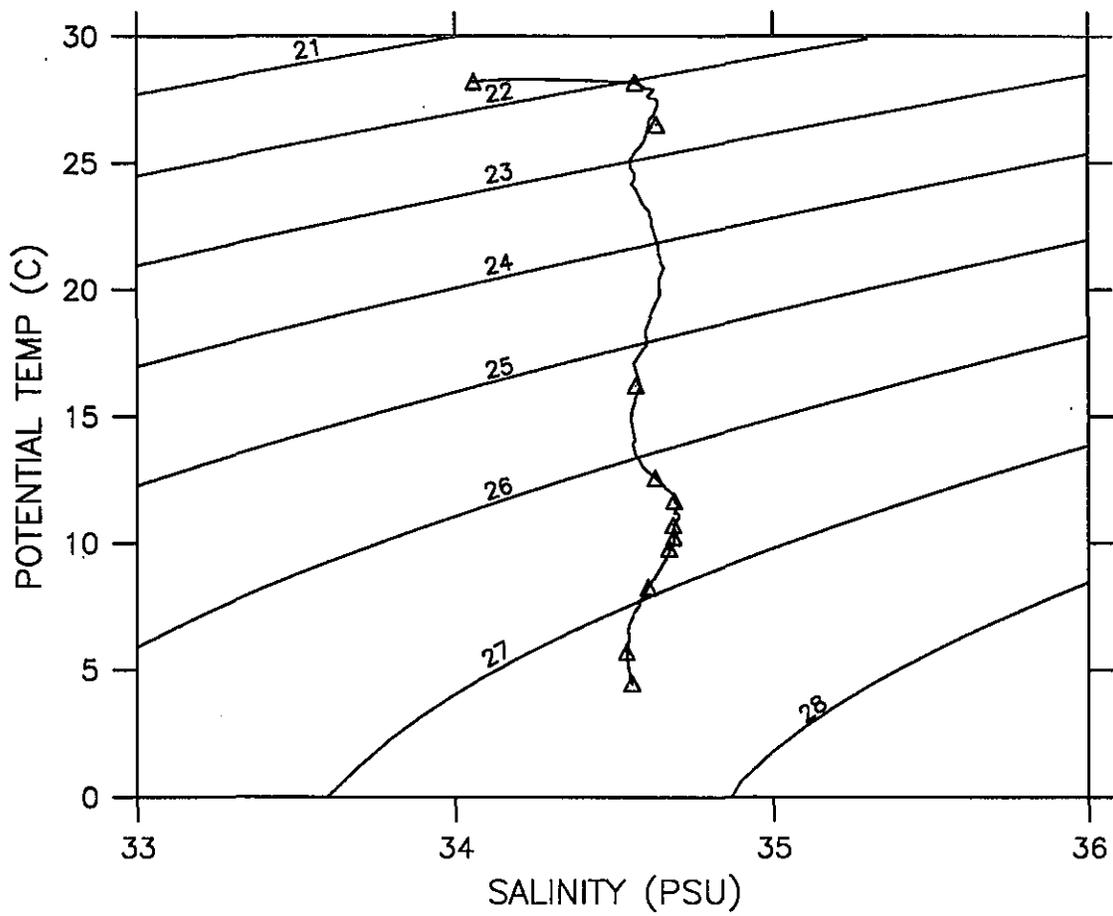


CAST TG2-92-DI -001 DATE 09 AUG 92 TIME 444 GMT
 LAT 09 18.0N LONG 151 10.9W WEATHER 0 SEA STATE 1
 BAROMETER 12 WIND DIR 196 T SPD 10 KT VISIBILITY 8
 CLOUD 9 AMOUNT 0 DRY 26.2 WET 24.0 DEPTH 4943M

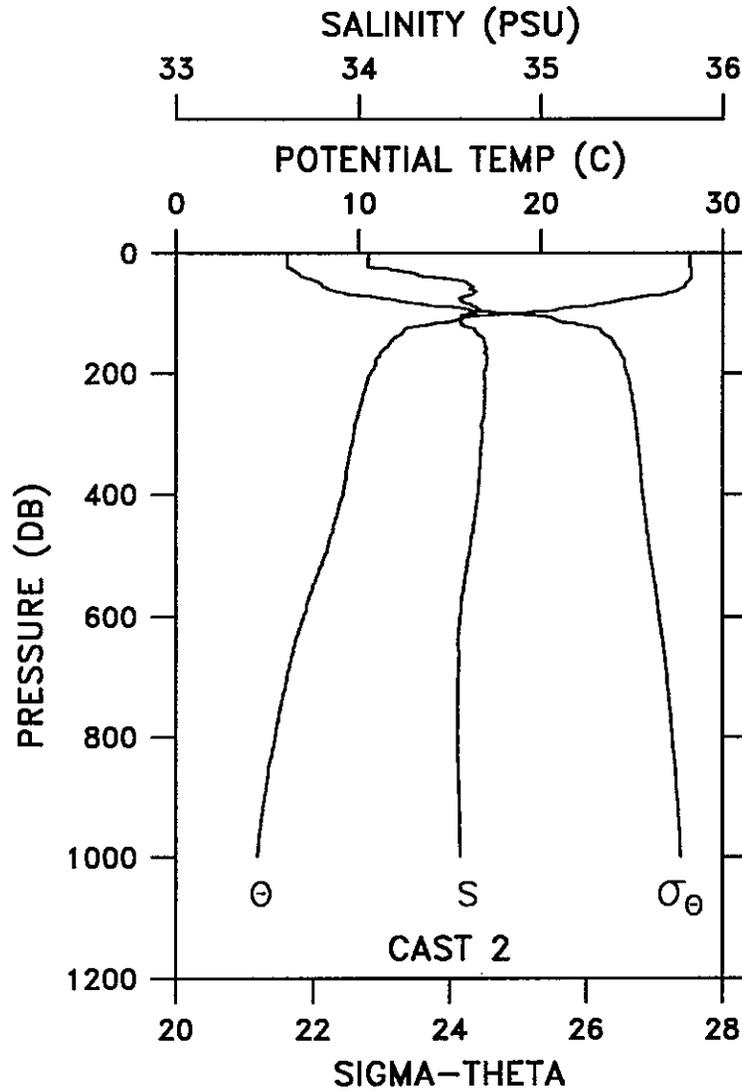


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.256	33.817	21.424	0.000
10	28.265	33.869	21.460	0.032
20	28.255	34.079	21.621	0.063
30	28.258	34.164	21.684	0.094
40	28.268	34.215	21.719	0.124
50	28.165	34.413	21.901	0.154
60	28.006	34.565	22.068	0.184
70	27.871	34.644	22.171	0.212
80	27.571	34.674	22.291	0.240
90	25.389	34.534	22.872	0.267
100	18.650	34.530	24.752	0.287
110	13.632	34.593	25.949	0.299
120	13.342	34.595	26.010	0.310
130	12.927	34.607	26.103	0.319
140	12.297	34.664	26.272	0.329
150	11.864	34.706	26.387	0.337
160	11.563	34.694	26.435	0.345
170	11.405	34.691	26.462	0.353
180	11.200	34.691	26.499	0.361
190	10.995	34.692	26.537	0.369
200	10.885	34.698	26.562	0.377
250	10.251	34.691	26.668	0.413
300	9.871	34.687	26.730	0.448
350	9.491	34.673	26.792	0.482
400	9.177	34.661	26.824	0.515
450	8.717	34.640	26.881	0.547
500	8.318	34.620	26.928	0.577
550	7.836	34.599	26.984	0.607
600	7.248	34.566	27.043	0.635
650	6.679	34.551	27.109	0.662
700	6.095	34.535	27.173	0.688
750	5.883	34.541	27.205	0.712
800	5.580	34.541	27.242	0.736
900	5.037	34.544	27.309	0.781
1000	4.602	34.549	27.363	0.823
1010	4.558	34.549	27.368	0.827

CAST TG2-92-DI -002 DATE 10 AUG 92 TIME 1438 GMT
LAT 07 55.8N LONG 154 56.5W

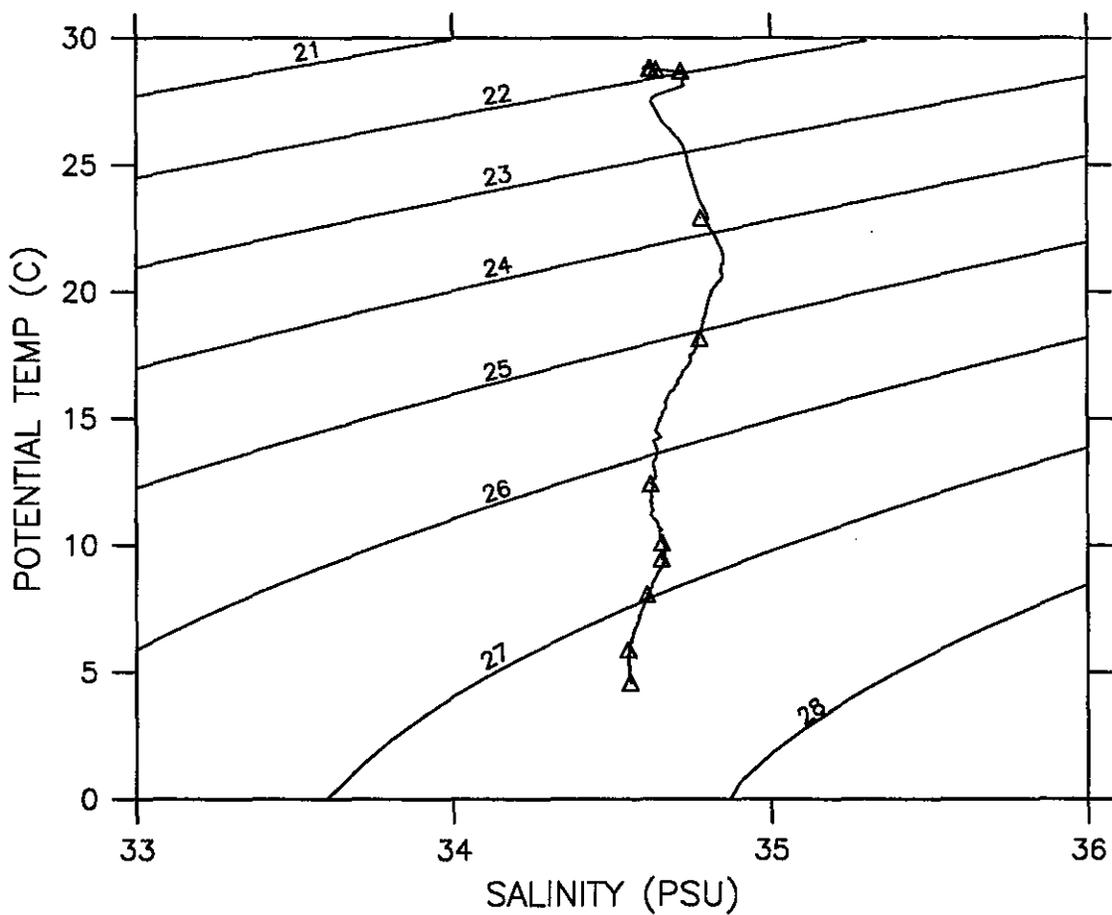


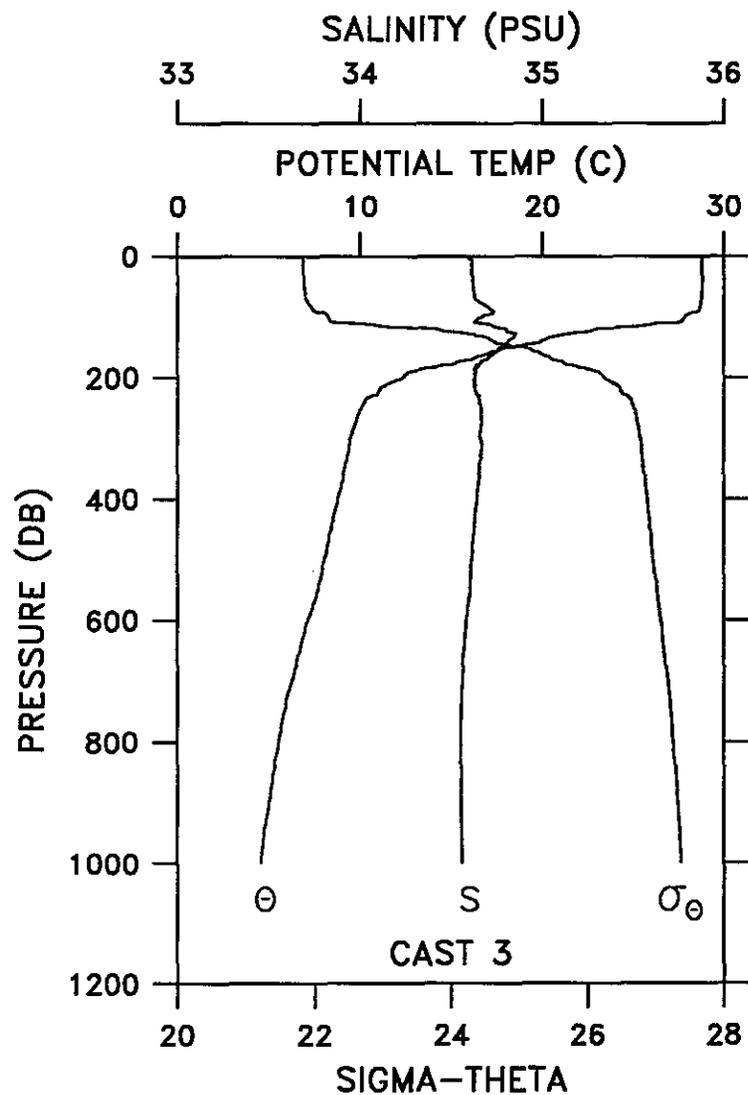
CAST TG2-92-DI --002 DATE 10 AUG 92 TIME 1438 GMT
 LAT 07 55.8N LONG 154 56.5W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 201 T SPD 11 KT VISIBILITY 7
 CLOUD 6 AMOUNT 6 DRY 28.1 WET 24.3 DEPTH 5122M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.198	34.054	21.621	0.000
10	28.192	34.053	21.622	0.031
20	28.195	34.053	21.621	0.062
30	28.286	34.229	21.724	0.093
40	28.256	34.414	21.873	0.123
50	27.997	34.596	22.094	0.152
60	27.629	34.609	22.223	0.180
70	26.322	34.609	22.640	0.207
80	24.167	34.559	23.260	0.232
90	21.734	34.644	24.023	0.253
100	19.186	34.625	24.688	0.271
110	15.530	34.567	25.522	0.285
120	13.440	34.571	25.972	0.296
130	12.488	34.638	26.214	0.306
140	12.007	34.680	26.340	0.315
150	11.720	34.691	26.403	0.323
160	11.398	34.699	26.469	0.331
170	11.172	34.701	26.512	0.339
180	10.942	34.702	26.555	0.347
190	10.862	34.698	26.566	0.354
200	10.671	34.688	26.592	0.362
250	10.135	34.691	26.688	0.397
300	9.729	34.677	26.746	0.432
350	9.414	34.666	26.790	0.465
400	9.151	34.655	26.824	0.498
450	8.637	34.631	26.887	0.530
500	8.156	34.605	26.941	0.561
550	7.499	34.578	27.016	0.590
600	6.985	34.558	27.072	0.617
650	6.459	34.548	27.136	0.643
700	6.088	34.548	27.184	0.668
750	5.721	34.543	27.227	0.692
800	5.427	34.544	27.263	0.715
900	4.848	34.552	27.338	0.759
1000	4.448	34.559	27.388	0.799
1003	4.424	34.559	27.391	0.800

CAST TG2-92-DI -003 DATE 12 AUG 92 TIME 916 GMT
LAT 05 02.7N LONG 154 55.0W

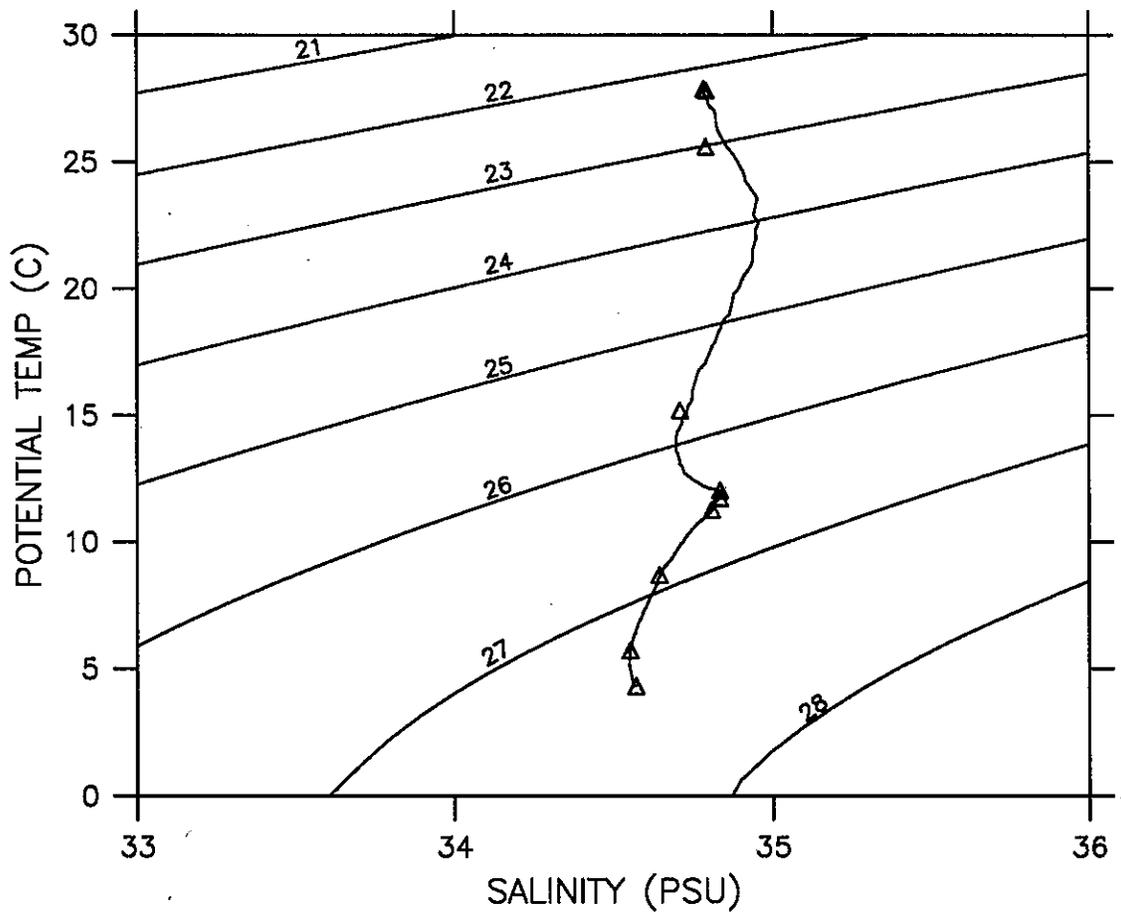


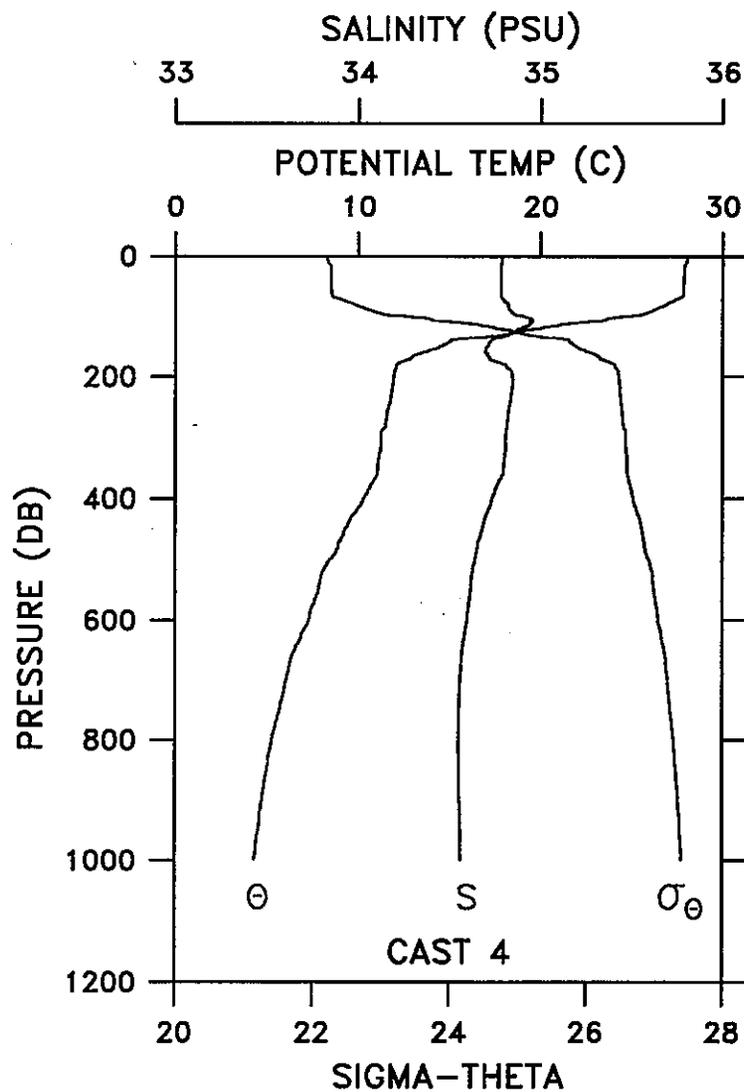


CAST TG2-92-DI -003 DATE 12 AUG 92 TIME 916 GMT
 LAT 05 02.7N LONG 154 55.0W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 146 T SPD 10 KT VISIBILITY 7
 CLOUD 8 AMOUNT 3 DRY 28.0 WET 23.5 DEPTH 4594M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.821	34.608	21.831	0.000
10	28.817	34.615	21.838	0.030
20	28.824	34.615	21.836	0.060
30	28.822	34.616	21.837	0.090
40	28.813	34.617	21.841	0.120
50	28.807	34.618	21.844	0.149
60	28.778	34.626	21.859	0.179
70	28.751	34.633	21.873	0.209
80	28.703	34.681	21.925	0.239
90	28.619	34.730	21.990	0.268
100	27.848	34.666	22.195	0.297
110	26.730	34.659	22.549	0.325
120	22.891	34.806	23.819	0.349
130	21.083	34.845	24.355	0.368
140	19.957	34.815	24.633	0.385
150	18.110	34.767	25.067	0.401
160	17.026	34.735	25.306	0.415
170	16.142	34.695	25.481	0.428
180	14.501	34.636	25.800	0.440
190	12.698	34.638	26.173	0.450
200	12.281	34.630	26.248	0.459
250	10.081	34.661	26.674	0.498
300	9.439	34.659	26.780	0.533
350	9.161	34.656	26.823	0.565
400	8.757	34.639	26.874	0.597
450	8.425	34.625	26.915	0.628
500	8.042	34.614	26.965	0.658
550	7.652	34.602	27.013	0.686
600	7.120	34.583	27.073	0.714
650	6.706	34.570	27.120	0.741
700	6.229	34.559	27.175	0.766
750	5.846	34.553	27.219	0.790
800	5.546	34.553	27.256	0.813
900	5.008	34.554	27.321	0.857
1000	4.592	34.560	27.373	0.898
1005	4.587	34.560	27.374	0.900

CAST TG2-92-DI -004 DATE 13 AUG 92 TIME 653 GMT
LAT 02 00.1N LONG 155 06.3W

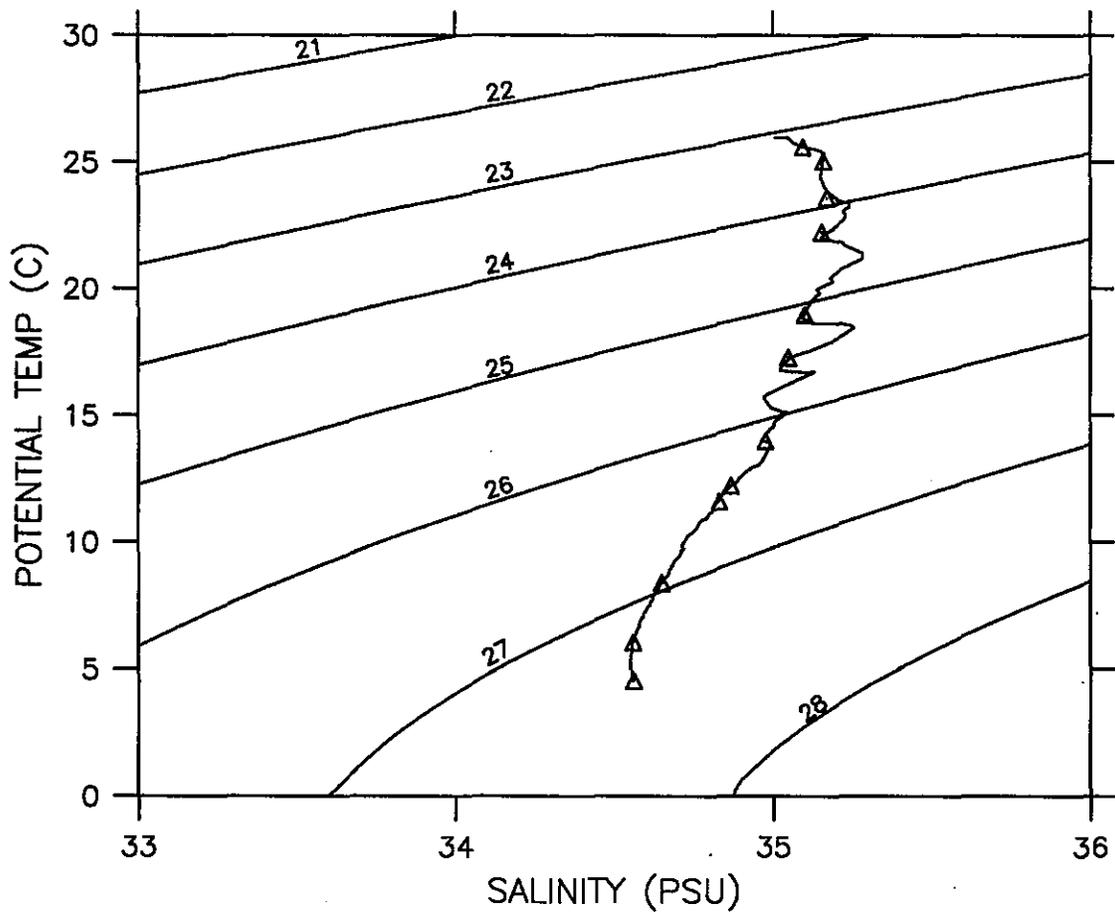


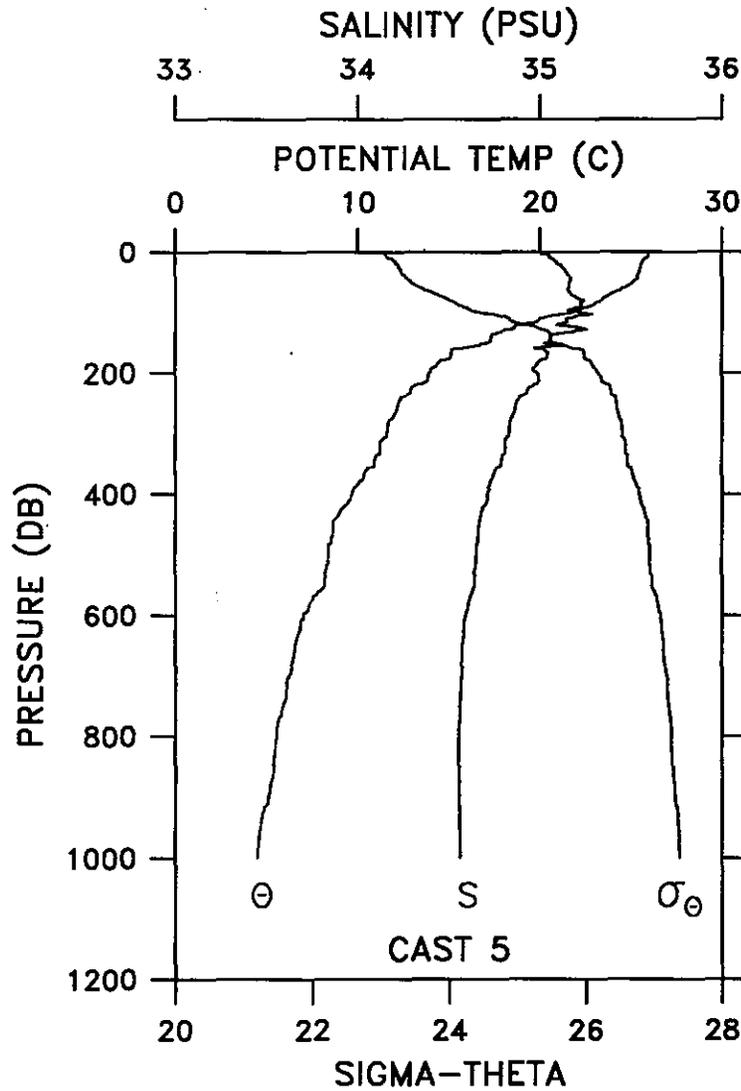


CAST TG2-92-DI-004 DATE 13 AUG 92 TIME 653 GMT
 LAT 02 00.1N LONG 155 06.3W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 97 T SPD 11 KT VISIBILITY 7
 CLOUD 8 AMOUNT 2 DRY 26.6 WET 22.2 DEPTH 4651M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.066	34.787	22.215	0.000
10	28.015	34.785	22.230	0.028
20	27.901	34.782	22.265	0.056
30	27.887	34.781	22.269	0.084
40	27.878	34.781	22.272	0.112
50	27.868	34.781	22.275	0.139
60	27.862	34.781	22.277	0.167
70	27.577	34.790	22.377	0.195
80	26.915	34.820	22.612	0.222
90	26.193	34.831	22.848	0.248
100	24.593	34.909	23.398	0.272
110	22.329	34.947	24.087	0.293
120	20.001	34.893	24.681	0.310
130	18.093	34.825	25.116	0.325
140	15.074	34.727	25.746	0.338
150	14.434	34.706	25.869	0.349
160	13.512	34.701	26.058	0.359
170	12.865	34.719	26.203	0.369
180	12.105	34.802	26.416	0.378
190	12.014	34.833	26.458	0.386
200	11.945	34.843	26.478	0.394
250	11.660	34.828	26.520	0.433
300	11.247	34.807	26.581	0.472
350	11.080	34.797	26.604	0.510
400	10.296	34.733	26.693	0.547
450	9.300	34.681	26.820	0.581
500	8.439	34.639	26.924	0.613
550	7.841	34.617	26.997	0.643
600	7.310	34.598	27.059	0.671
650	6.534	34.573	27.146	0.697
700	6.092	34.560	27.194	0.722
750	5.717	34.553	27.235	0.745
800	5.282	34.551	27.287	0.768
900	4.753	34.556	27.352	0.810
1000	4.344	34.564	27.403	0.850
1010	4.307	34.564	27.407	0.854

CAST TG2-92-DI -005 DATE 14 AUG 92 TIME 852 GMT
LAT 00 00.6N LONG 155 03.7W

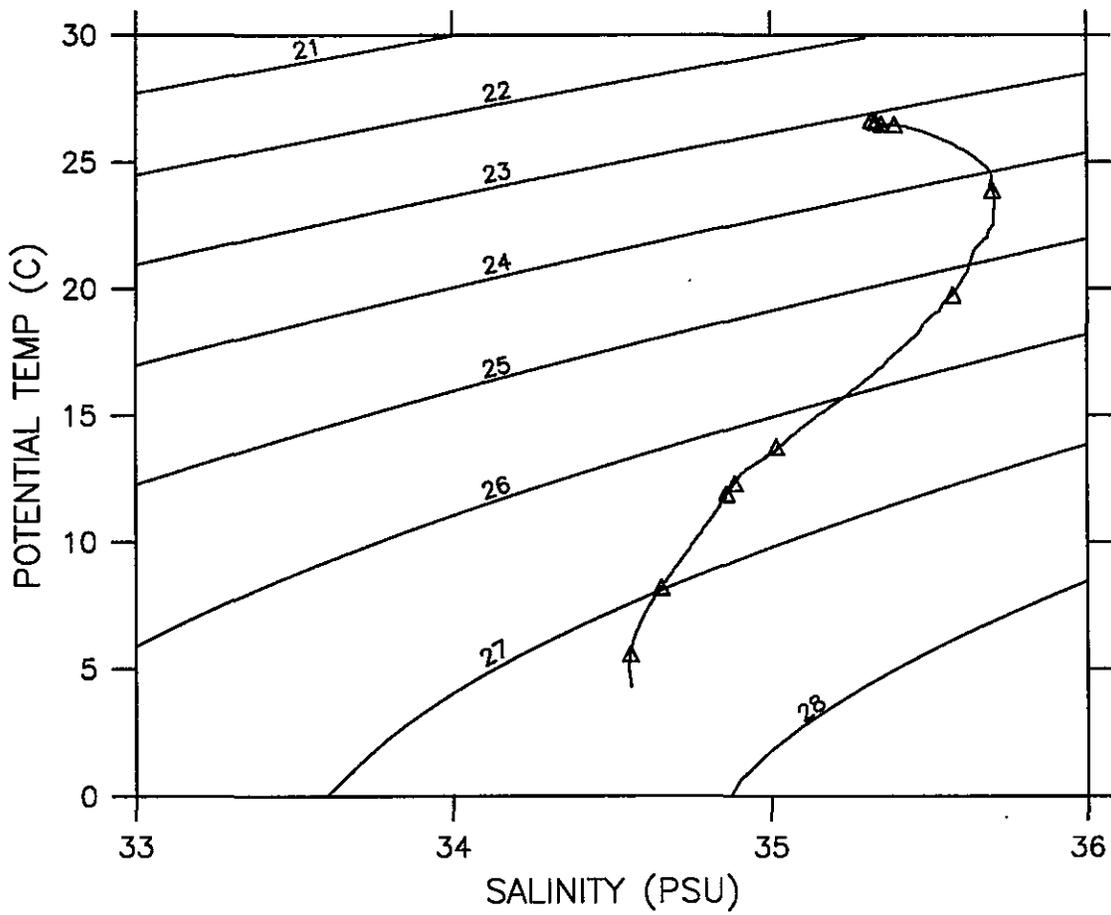


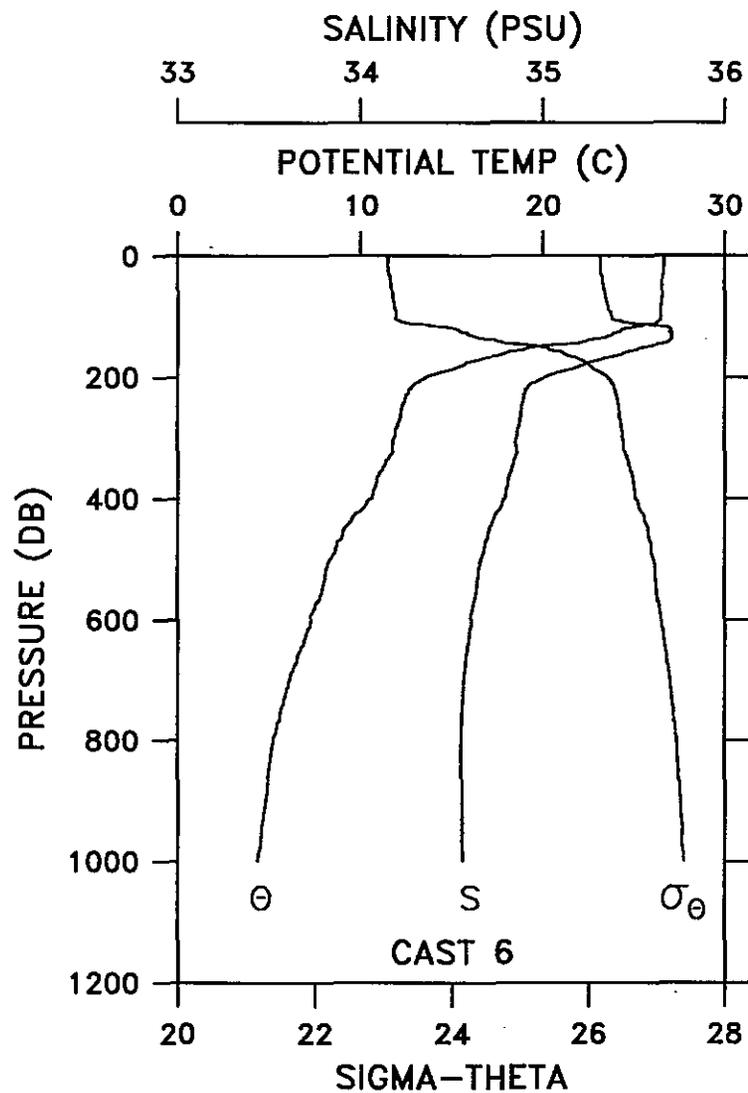


CAST TG2-92-DI -005 DATE 14 AUG 92 TIME 852 GMT
 LAT 00 00.6N LONG 155 03.7W WEATHER 1 SEA STATE 4
 BAROMETER 13 WIND DIR 110 T SPD 9 KT VISIBILITY 8
 CLOUD 3 AMOUNT 1 DRY 25.1 WET 22.9 DEPTH 4690M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.964	35.008	23.053	0.000
10	25.840	35.059	23.130	0.024
20	25.606	35.096	23.230	0.047
30	25.486	35.140	23.300	0.070
40	25.357	35.161	23.356	0.093
50	25.108	35.159	23.431	0.116
60	24.515	35.152	23.605	0.138
70	23.840	35.171	23.820	0.159
80	23.358	35.239	24.013	0.179
90	22.684	35.221	24.194	0.198
100	21.793	35.222	24.446	0.216
110	20.004	35.144	24.872	0.232
120	19.093	35.099	25.075	0.247
130	17.953	35.190	25.431	0.261
140	17.319	35.057	25.483	0.274
150	17.039	35.032	25.531	0.286
160	15.291	34.994	25.904	0.298
170	15.128	35.040	25.976	0.308
180	14.501	34.995	26.078	0.318
190	14.217	34.973	26.121	0.328
200	13.933	34.985	26.191	0.338
250	12.201	34.867	26.448	0.381
300	11.585	34.829	26.536	0.421
350	10.924	34.787	26.624	0.459
400	9.667	34.709	26.782	0.494
450	8.621	34.663	26.915	0.526
500	8.382	34.649	26.941	0.557
550	8.152	34.637	26.967	0.587
600	7.009	34.588	27.093	0.614
650	6.566	34.573	27.142	0.640
700	6.208	34.565	27.183	0.665
750	5.907	34.557	27.215	0.690
800	5.560	34.554	27.256	0.713
900	5.092	34.553	27.311	0.757
1000	4.514	34.560	27.382	0.798
1004	4.512	34.560	27.382	0.800

CAST TG2-92-DI -006 DATE 15 AUG 92 TIME 1041 GMT
LAT 01 59.0S LONG 154 59.3W

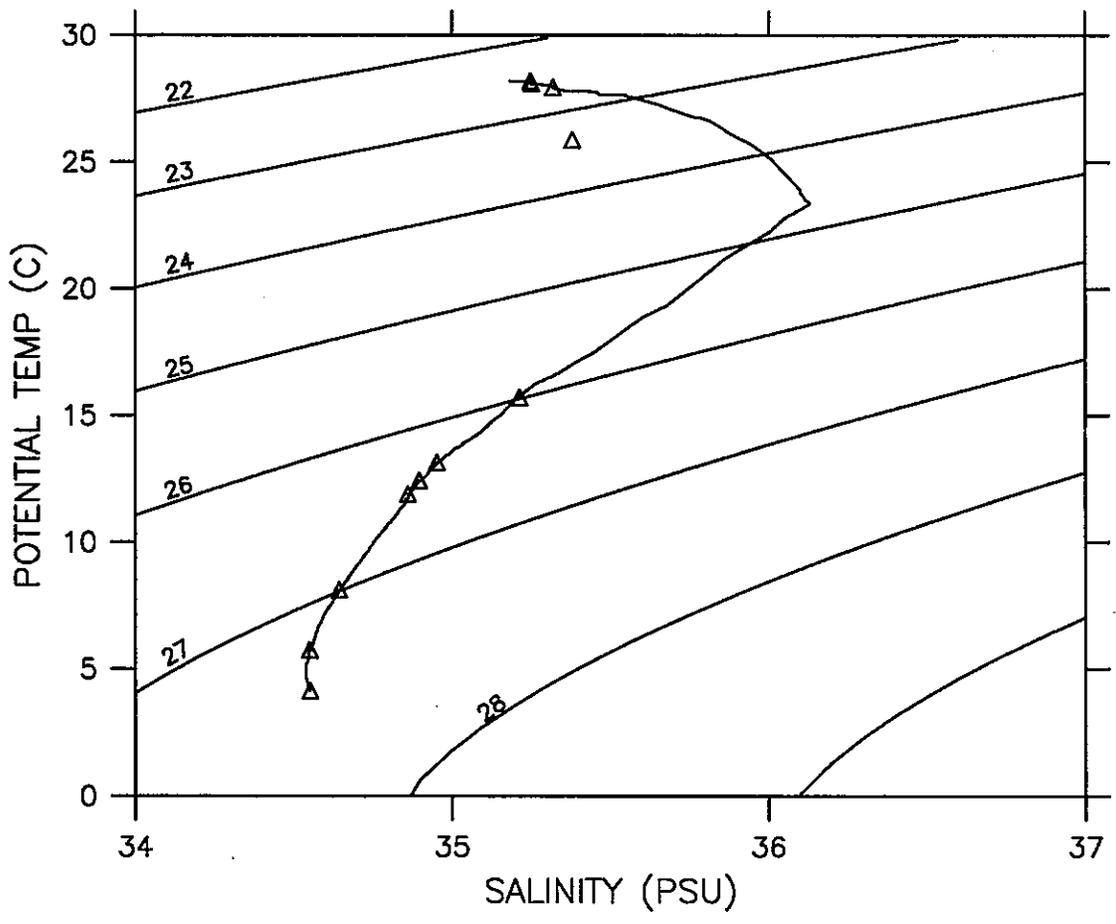


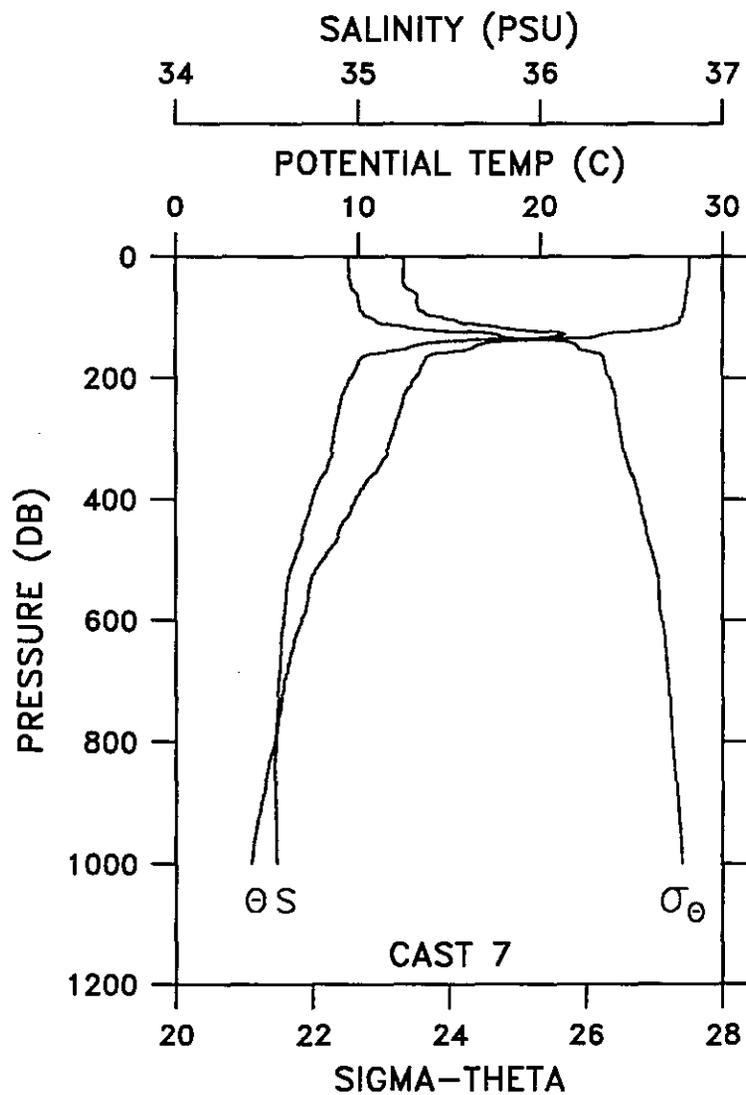


CAST TG2-92-DI -006 DATE 15 AUG 92 TIME 1041 GMT
 LAT 01 59.0S LONG 154 59.3W WEATHER 1 SEA STATE 2
 BAROMETER 12 WIND DIR 111 T SPD 11 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 26.9 WET 23.8 DEPTH 4971M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.662	35.314	23.064	0.000
10	26.657	35.314	23.066	0.024
20	26.637	35.317	23.074	0.048
30	26.630	35.318	23.077	0.072
40	26.571	35.328	23.104	0.096
50	26.550	35.333	23.114	0.120
60	26.534	35.337	23.122	0.144
70	26.517	35.341	23.130	0.167
80	26.483	35.350	23.148	0.191
90	26.445	35.358	23.166	0.215
100	26.458	35.374	23.174	0.239
110	26.278	35.456	23.293	0.262
120	24.502	35.698	24.021	0.283
130	23.789	35.704	24.238	0.302
140	22.398	35.696	24.635	0.320
150	19.634	35.564	25.289	0.335
160	17.961	35.441	25.621	0.348
170	16.607	35.324	25.857	0.360
180	15.629	35.221	26.003	0.370
190	14.564	35.105	26.149	0.380
200	13.518	35.006	26.293	0.389
250	12.271	34.882	26.446	0.431
300	11.854	34.856	26.506	0.472
350	11.203	34.828	26.605	0.511
400	10.589	34.789	26.685	0.548
450	9.091	34.704	26.872	0.581
500	8.337	34.658	26.955	0.612
550	7.901	34.635	27.003	0.641
600	7.256	34.605	27.072	0.669
650	6.693	34.582	27.132	0.695
700	6.101	34.564	27.196	0.720
750	5.629	34.555	27.248	0.744
800	5.209	34.551	27.295	0.766
900	4.800	34.553	27.344	0.808
1000	4.324	34.559	27.402	0.849
1003	4.298	34.558	27.404	0.850

CAST TG2-92-DI -007 DATE 16 AUG 92 TIME 507 GMT
LAT 03 28.9S LONG 156 28.3W

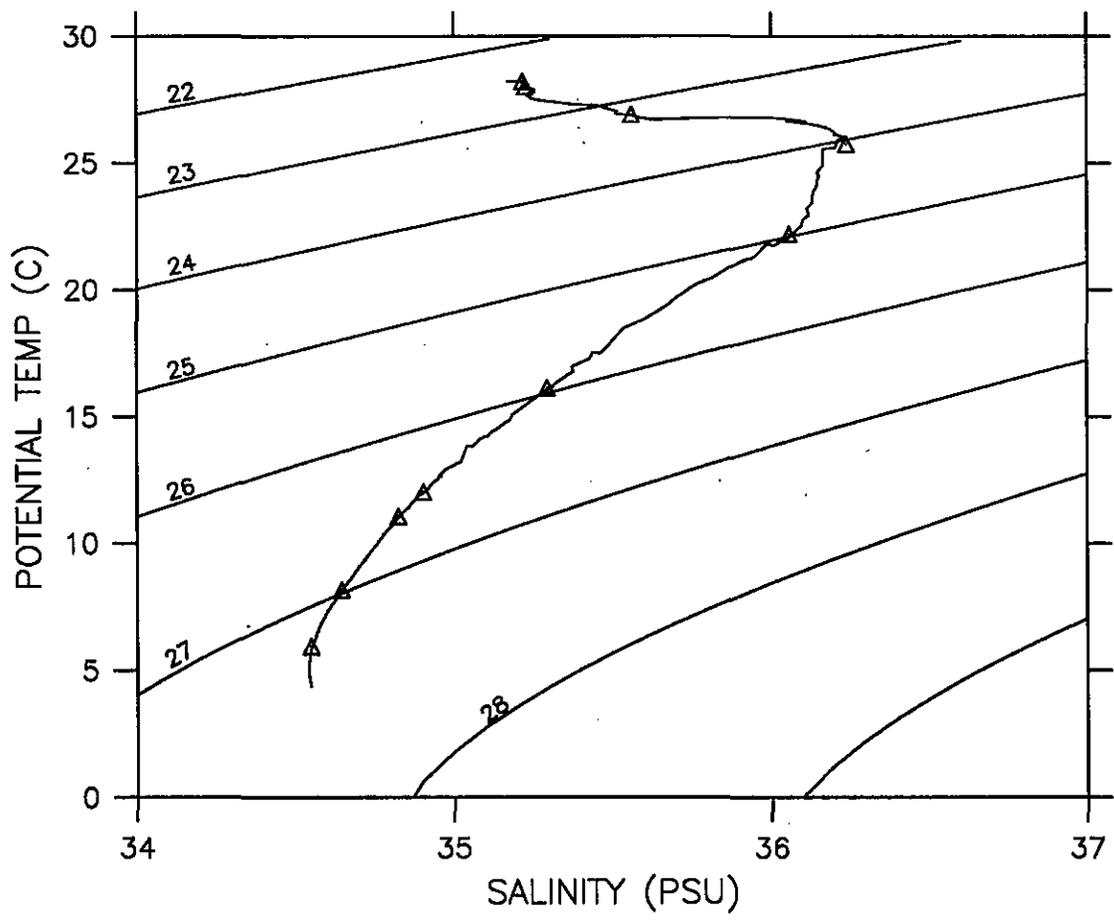




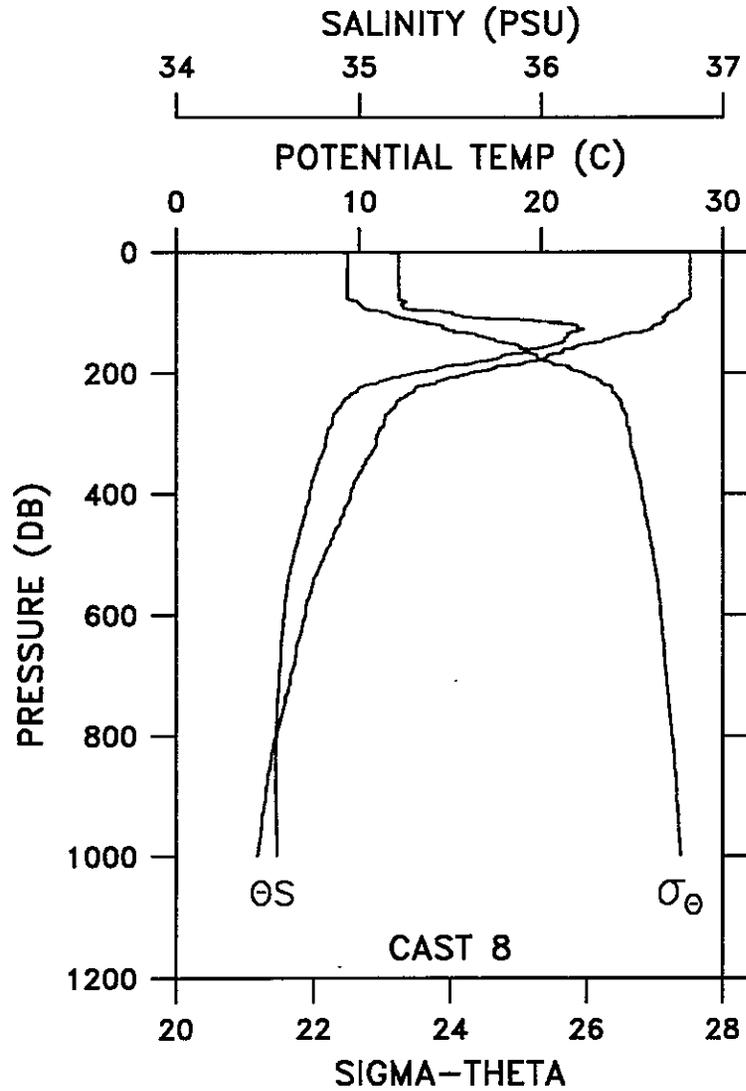
CAST TG2-92-DI -007, DATE 16 AUG 92 TIME 507 GMT
 LAT 03 28.9S LONG 156 28.3W WEATHER 1 SEA STATE 3
 BAROMETER 9 WIND DIR 80 T SPD 15 KT VISIBILITY 8
 CLOUD 6 AMOUNT 5 DRY 27.0 WET 24.0 DEPTH 5158M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.193	35.183	22.471	0.000
10	28.187	35.249	22.523	0.027
20	28.168	35.248	22.528	0.053
30	28.169	35.248	22.528	0.080
40	28.089	35.246	22.553	0.106
50	28.070	35.258	22.568	0.133
60	28.000	35.311	22.631	0.159
70	27.939	35.318	22.656	0.185
80	27.899	35.322	22.672	0.211
90	27.815	35.354	22.724	0.237
100	27.695	35.462	22.844	0.263
110	27.492	35.580	22.999	0.288
120	26.241	35.859	23.608	0.311
130	23.154	36.105	24.729	0.329
140	17.495	35.449	25.740	0.343
150	16.328	35.276	25.886	0.354
160	14.125	35.066	26.213	0.364
170	13.670	35.008	26.263	0.373
180	13.509	34.995	26.287	0.382
190	13.389	34.980	26.299	0.391
200	13.070	34.952	26.342	0.399
250	12.333	34.892	26.442	0.441
300	11.797	34.862	26.521	0.482
350	11.028	34.823	26.633	0.520
400	9.850	34.748	26.781	0.555
450	8.966	34.697	26.887	0.588
500	8.007	34.645	26.995	0.618
550	7.274	34.606	27.071	0.645
600	6.869	34.589	27.114	0.672
650	6.368	34.573	27.168	0.697
700	5.950	34.563	27.214	0.721
750	5.687	34.553	27.239	0.745
800	5.410	34.549	27.270	0.767
900	4.669	34.543	27.351	0.810
1000	4.139	34.555	27.418	0.849
1002	4.123	34.555	27.420	0.850

CAST TG2-92-DI -008 DATE 16 AUG 92 TIME 1549 GMT
LAT 04 59.4S LONG 155 04.7W

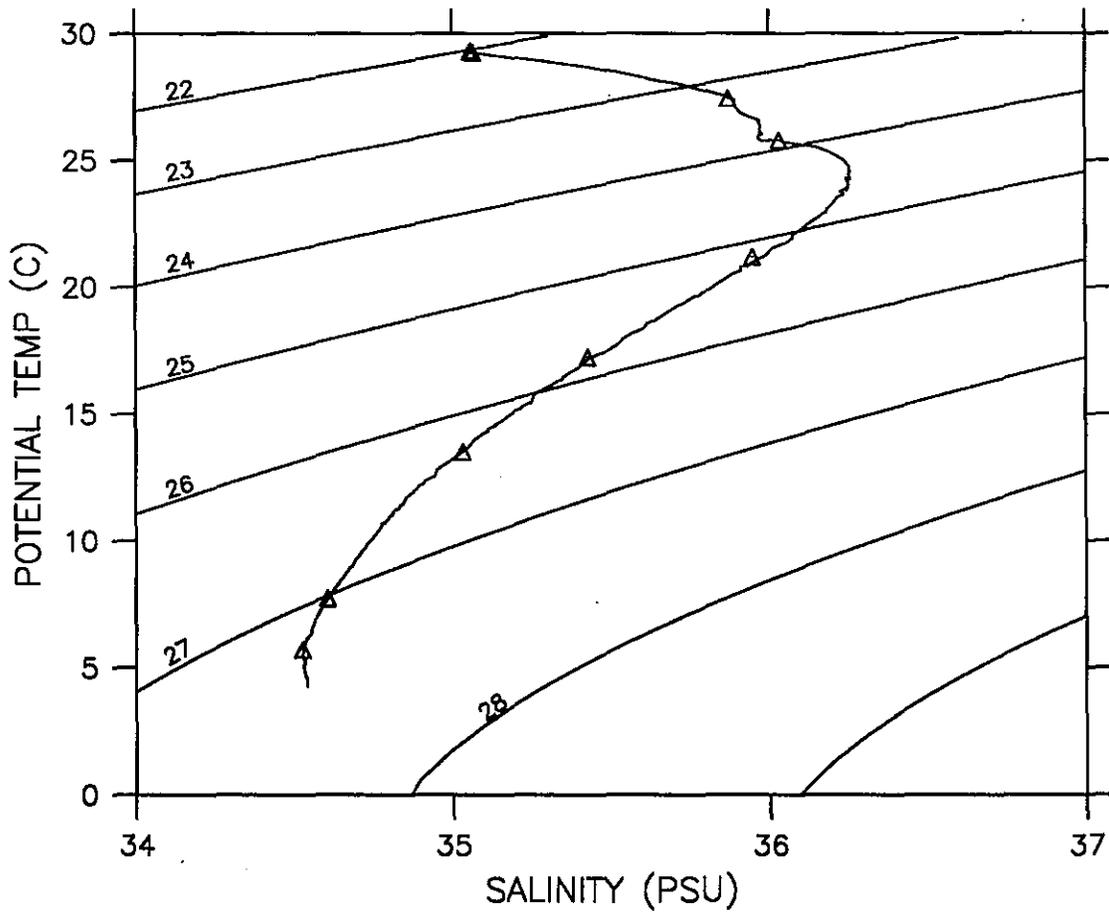


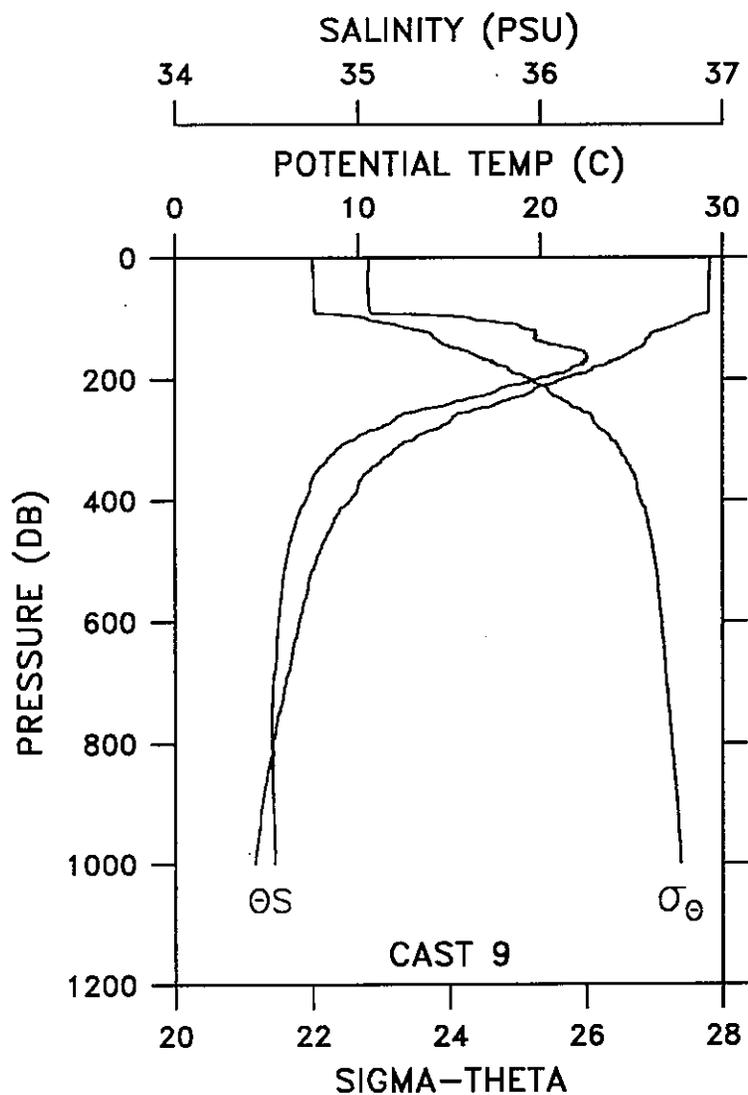
CAST TG2-92-DI -008 DATE 16 AUG 92 TIME 1549 GMT
 LAT 04 59.4S LONG 155 04.7W WEATHER 1 SEA STATE 4
 BAROMETER 84 WIND DIR 105 T SPD 19 KT VISIBILITY 8
 CLOUD 6 AMOUNT 3 DRY 28.1 WET 24.0 DEPTH 3273M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.211	35.170	22.456	0.000
10	28.206	35.219	22.494	0.027
20	28.210	35.218	22.492	0.053
30	28.215	35.218	22.491	0.080
40	28.217	35.218	22.490	0.107
50	28.217	35.218	22.490	0.134
60	28.216	35.218	22.490	0.161
70	28.216	35.218	22.490	0.188
80	27.924	35.245	22.606	0.214
90	27.600	35.241	22.708	0.240
100	27.037	35.515	23.096	0.266
110	26.745	35.706	23.333	0.289
120	26.343	36.186	23.822	0.311
130	25.606	36.202	24.065	0.331
140	24.040	36.142	24.496	0.349
150	22.783	36.099	24.831	0.366
160	21.332	35.947	25.125	0.381
170	20.407	35.798	25.263	0.395
180	19.413	35.672	25.429	0.409
190	17.515	35.450	25.736	0.421
200	16.054	35.294	25.963	0.432
250	12.051	34.907	26.508	0.476
300	11.053	34.826	26.631	0.514
350	10.362	34.775	26.714	0.550
400	9.535	34.728	26.818	0.584
450	8.923	34.690	26.888	0.616
500	8.109	34.641	26.976	0.646
550	7.442	34.606	27.047	0.674
600	7.043	34.588	27.089	0.701
650	6.577	34.572	27.140	0.727
700	6.261	34.562	27.173	0.752
750	5.890	34.552	27.213	0.777
800	5.494	34.545	27.256	0.800
900	4.890	34.544	27.327	0.843
1000	4.403	34.550	27.386	0.884
1004	4.382	34.550	27.388	0.886

CAST TG2-92-DI -009 DATE 20 AUG 92 TIME 1045 GMT
LAT 07 57.0S LONG 170 02.9W

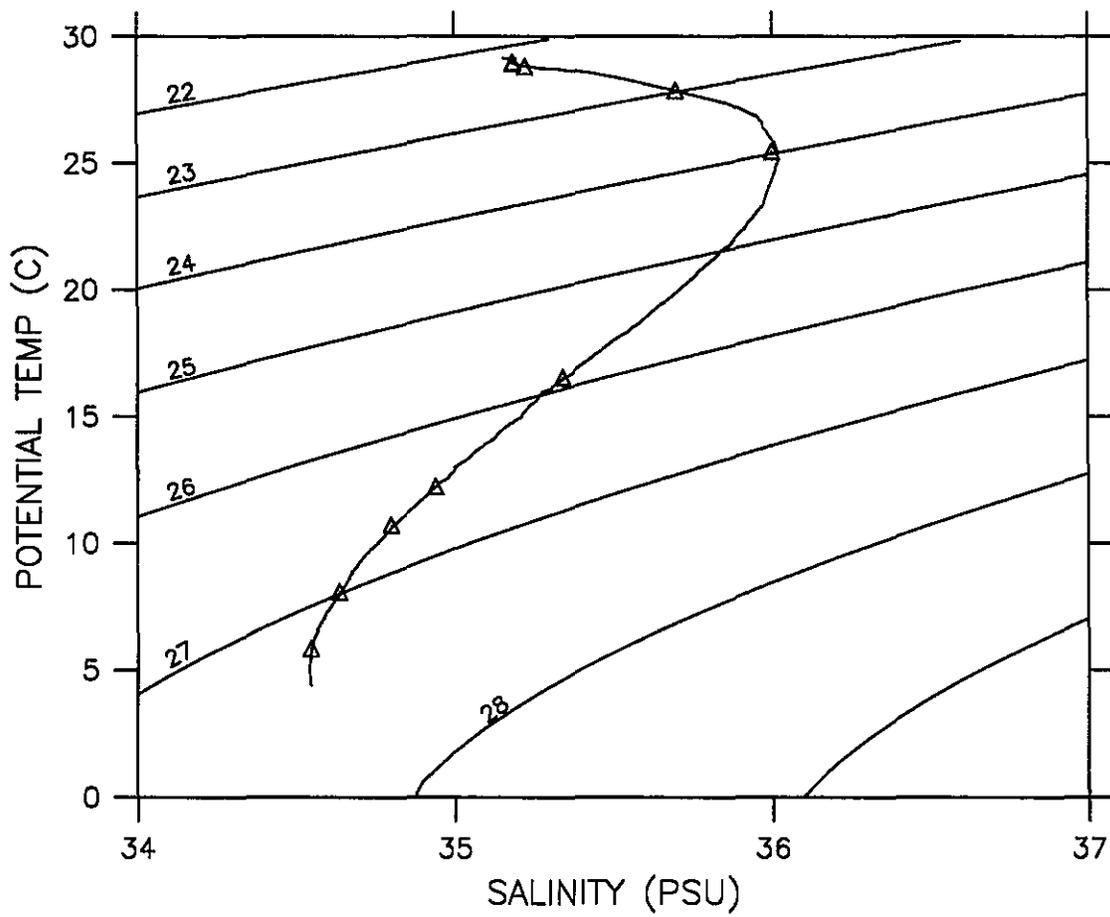


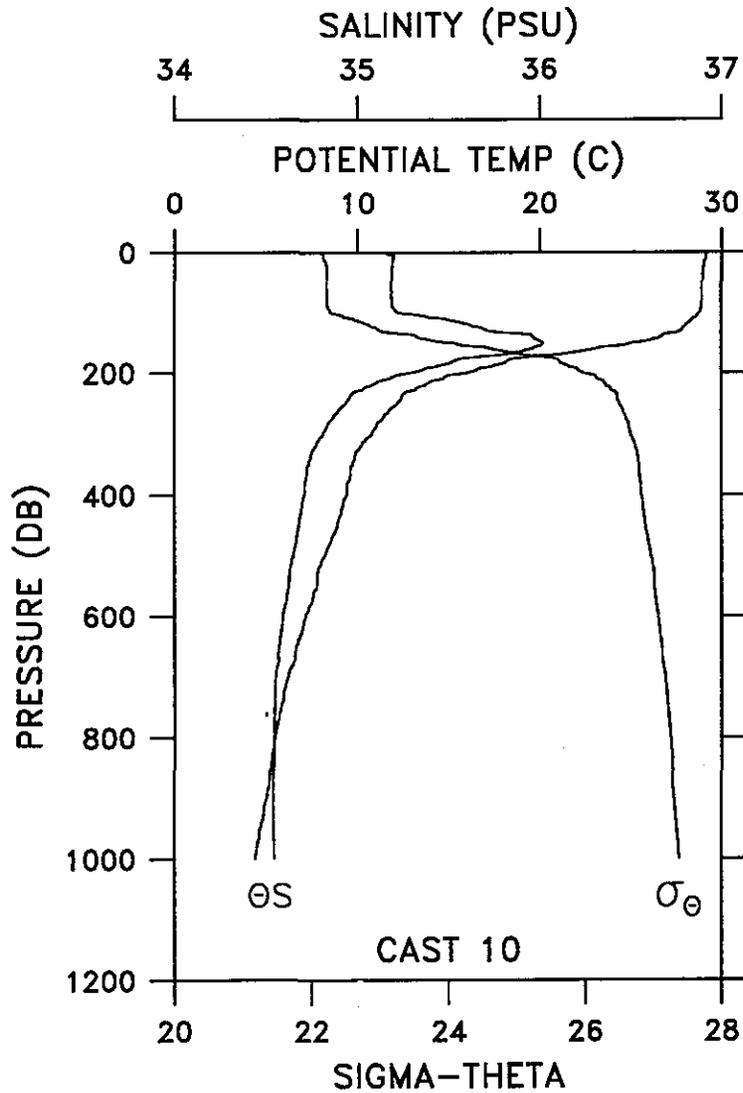


CAST TG2-92-DI-009 DATE 20 AUG 92 TIME 1045 GMT
 LAT 07 57.0S LONG 170 02.9W WEATHER 1 SEA STATE 2
 BAROMETER 11 WIND DIR 114 T SPD 6 KT VISIBILITY 8
 CLOUD 8 AMOUNT 1 DRY 28.1 WET 24.6 DEPTH 5337M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.312	35.058	22.005	0.000
10	29.315	35.058	22.005	0.029
20	29.303	35.058	22.008	0.058
30	29.272	35.055	22.017	0.087
40	29.262	35.055	22.020	0.116
50	29.256	35.056	22.023	0.145
60	29.253	35.057	22.024	0.174
70	29.252	35.058	22.026	0.203
80	29.247	35.060	22.029	0.233
90	29.236	35.068	22.039	0.262
100	28.202	35.623	22.799	0.289
110	27.499	35.872	23.216	0.313
120	26.582	35.973	23.586	0.336
130	26.014	35.978	23.769	0.357
140	25.782	36.036	23.885	0.378
150	25.291	36.197	24.159	0.397
160	24.748	36.254	24.368	0.416
170	23.898	36.246	24.617	0.434
180	22.943	36.181	24.847	0.450
190	22.502	36.128	24.934	0.466
200	21.210	35.982	25.185	0.481
250	16.340	35.344	25.935	0.543
300	13.031	34.977	26.370	0.591
350	10.671	34.778	26.662	0.631
400	9.595	34.712	26.796	0.665
450	8.441	34.646	26.929	0.696
500	7.707	34.606	27.008	0.725
550	7.233	34.583	27.058	0.753
600	6.772	34.563	27.106	0.779
650	6.413	34.556	27.149	0.805
700	6.053	34.534	27.178	0.830
750	5.683	34.528	27.220	0.854
800	5.337	34.528	27.262	0.877
900	4.756	34.534	27.334	0.921
1000	4.333	34.541	27.386	0.961
1011	4.284	34.542	27.392	0.965

CAST TG2-92-DI -010 DATE 21 AUG 92 TIME 831 GMT
LAT 05 00.2S LONG 170 02.8W

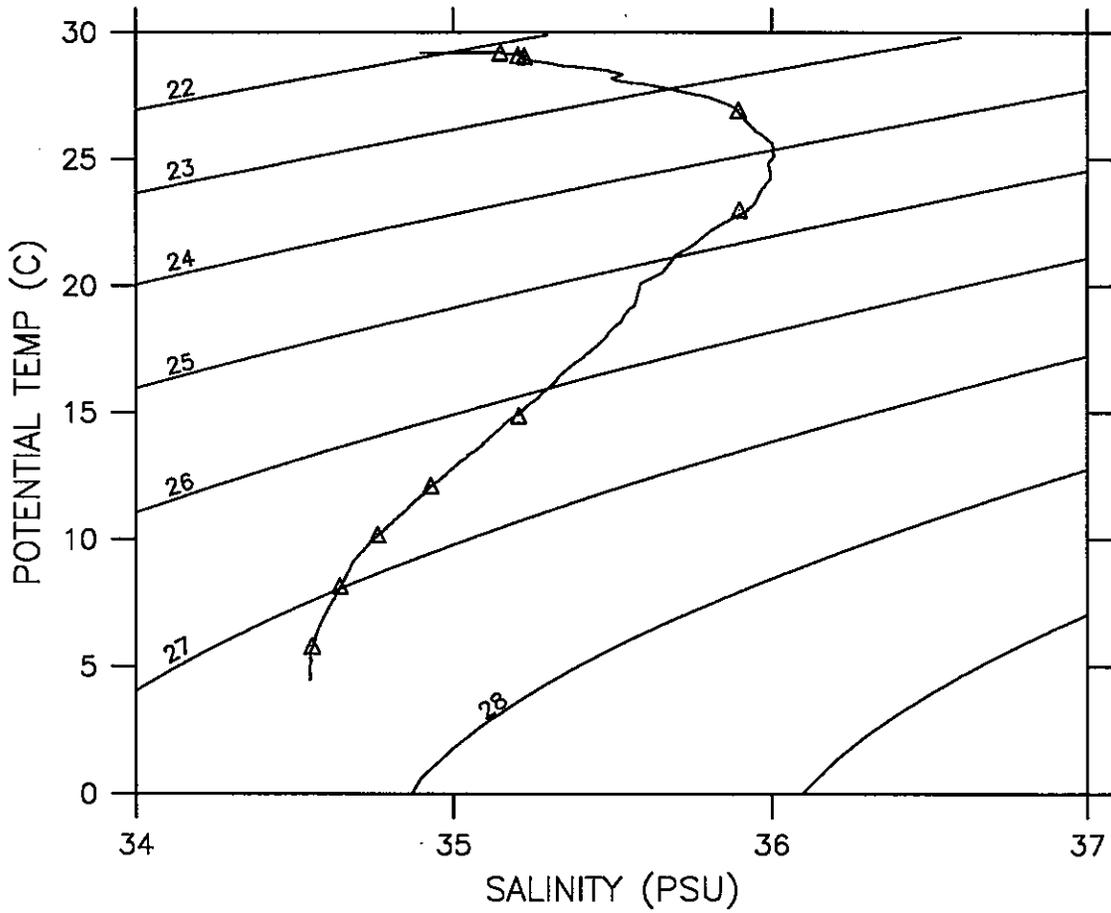


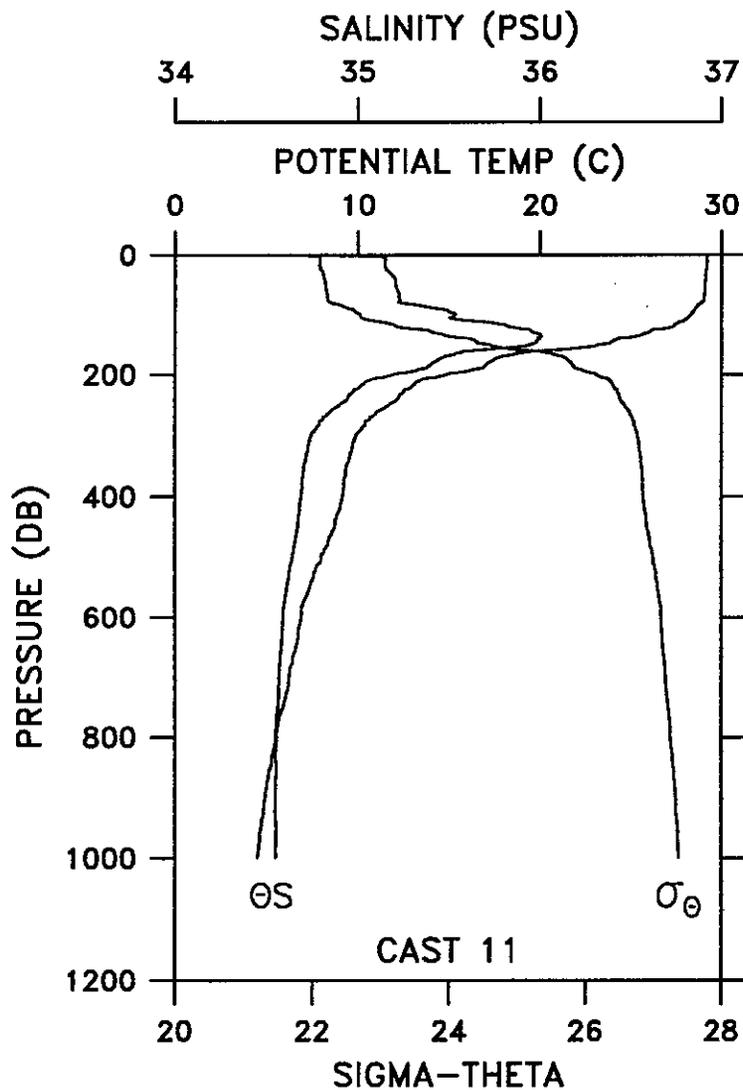


CAST TG2-92-DI -010 DATE 21 AUG 92 TIME 831 GMT
 LAT 05 00.2S LONG 170 02.8W WEATHER 1 SEA STATE 5
 BAROMETER 10 WIND DIR 71 T SPD 8 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 29.0 WET 25.4 DEPTH 5400M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.132	35.157	22.140	0.000
10	29.128	35.196	22.171	0.028
20	29.001	35.189	22.208	0.056
30	28.968	35.186	22.217	0.085
40	28.952	35.186	22.222	0.113
50	28.943	35.187	22.226	0.141
60	28.938	35.187	22.228	0.169
70	28.934	35.189	22.231	0.197
80	28.931	35.189	22.232	0.225
90	28.917	35.194	22.240	0.253
100	28.828	35.225	22.293	0.281
110	28.458	35.477	22.605	0.308
120	28.079	35.618	22.836	0.334
130	27.813	35.713	22.994	0.359
140	26.683	35.964	23.547	0.382
150	25.138	36.020	24.072	0.403
160	23.059	35.954	24.642	0.421
170	20.731	35.772	25.156	0.437
180	18.235	35.533	25.623	0.449
190	17.217	35.423	25.788	0.461
200	15.964	35.280	25.972	0.472
250	12.207	34.936	26.501	0.515
300	10.792	34.814	26.669	0.553
350	9.743	34.732	26.787	0.587
400	9.395	34.709	26.827	0.620
450	8.912	34.679	26.882	0.652
500	8.221	34.649	26.966	0.682
550	7.795	34.625	27.010	0.710
600	7.178	34.593	27.074	0.738
650	6.655	34.571	27.128	0.765
700	6.195	34.553	27.175	0.790
750	5.836	34.547	27.216	0.814
800	5.507	34.545	27.255	0.837
900	5.057	34.542	27.306	0.882
1000	4.415	34.546	27.381	0.923
1003	4.402	34.546	27.383	0.925

CAST TG2-92-DI -011 DATE 21 AUG 92 TIME 1610 GMT
LAT 03 30.5S LONG 170 00.8W

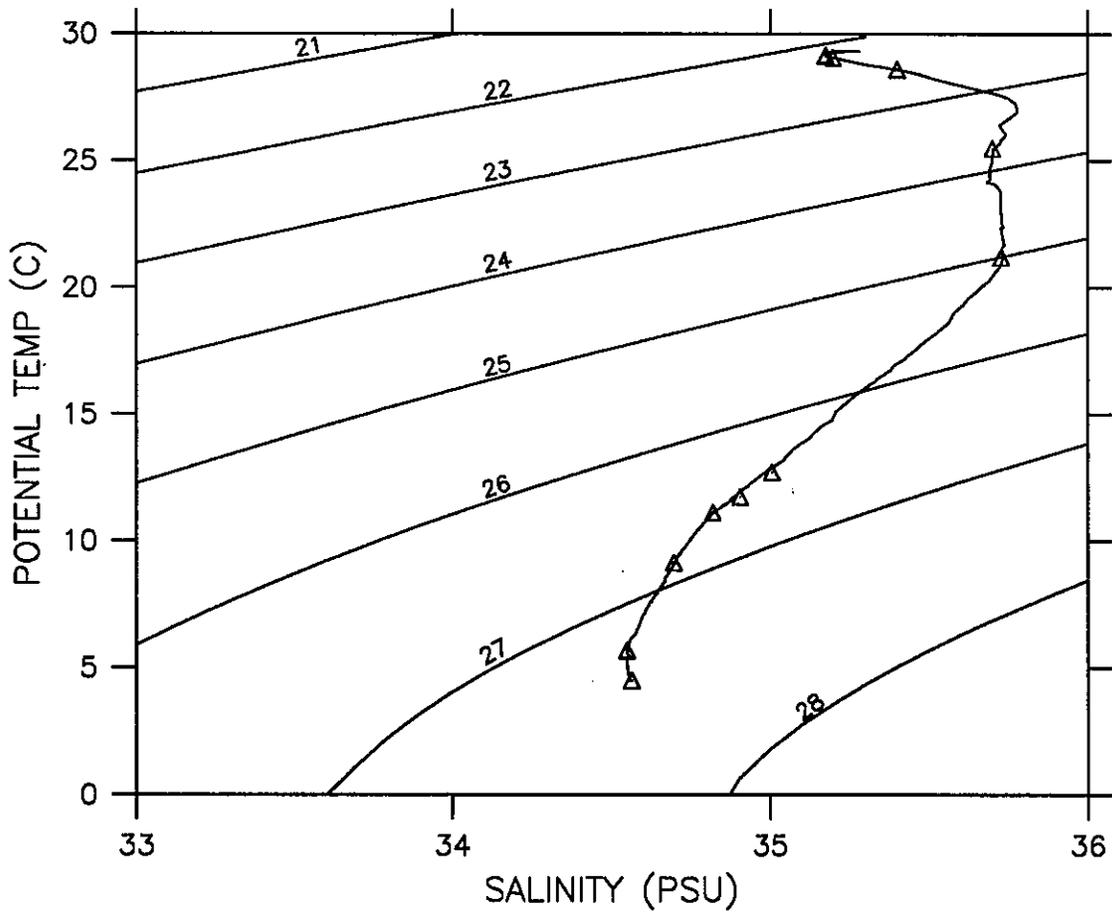


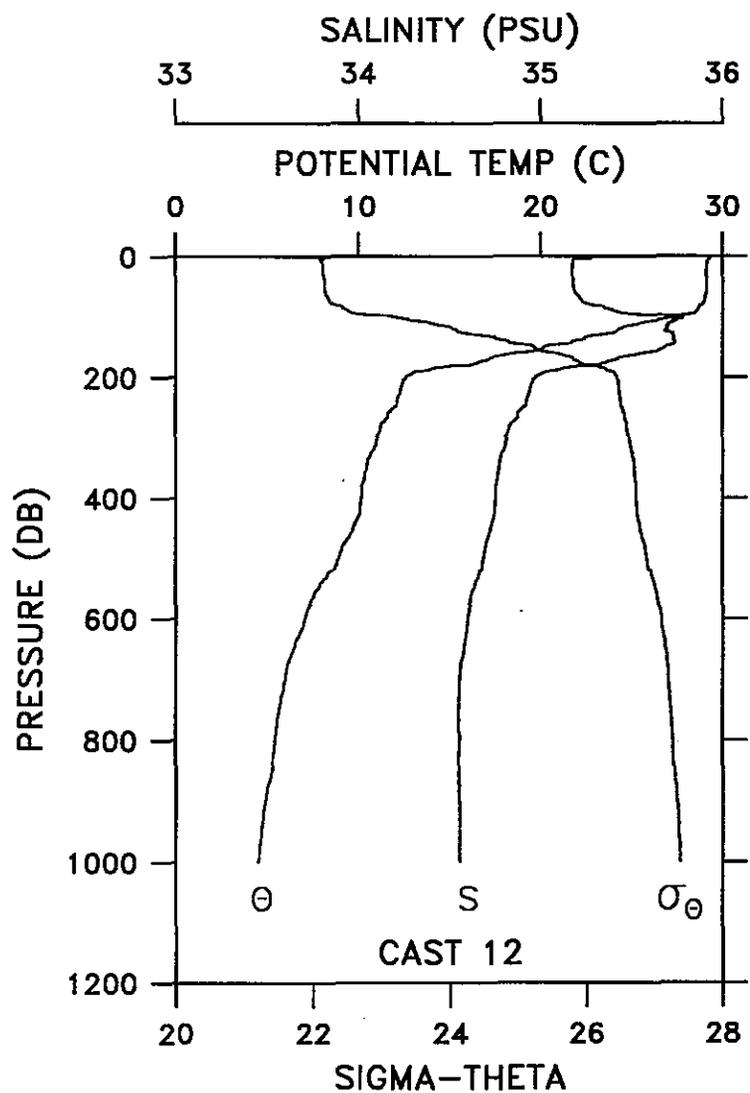


CAST TG2-92-DI -011 DATE 21 AUG 92 TIME 1610 GMT
 LAT 03 30.5S LONG 170 00.8W WEATHER 1 SEA STATE 3
 BAROMETER 87 WIND DIR 61 T SPD 15 KT VISIBILITY 9
 CLOUD 6 AMOUNT 3 DRY 28.5 WET 24.1 DEPTH 4887M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.183	34.900	21.930	0.000
10	29.210	35.149	22.108	0.029
20	29.205	35.149	22.110	0.057
30	29.134	35.172	22.151	0.086
40	29.141	35.203	22.172	0.114
50	29.097	35.207	22.190	0.142
60	29.077	35.216	22.203	0.171
70	29.058	35.225	22.216	0.199
80	28.903	35.236	22.276	0.227
90	28.575	35.431	22.532	0.254
100	28.316	35.533	22.694	0.280
110	27.949	35.604	22.868	0.306
120	27.357	35.822	23.224	0.330
130	25.987	35.966	23.768	0.352
140	24.378	35.997	24.285	0.372
150	23.252	35.948	24.581	0.390
160	20.514	35.661	25.130	0.406
170	17.948	35.483	25.656	0.419
180	17.186	35.414	25.788	0.430
190	16.743	35.366	25.858	0.441
200	14.822	35.190	26.159	0.451
250	11.701	34.897	26.567	0.493
300	9.893	34.742	26.769	0.528
350	9.366	34.704	26.827	0.561
400	9.146	34.688	26.851	0.593
450	8.728	34.671	26.904	0.624
500	7.974	34.638	26.994	0.654
550	7.352	34.610	27.063	0.681
600	6.883	34.590	27.113	0.708
650	6.608	34.580	27.142	0.734
700	6.226	34.567	27.182	0.758
750	5.893	34.561	27.220	0.783
800	5.559	34.551	27.253	0.806
900	4.906	34.548	27.328	0.849
1000	4.471	34.548	27.377	0.891
1002	4.469	34.548	27.377	0.891

CAST TG2-92-DI -012 DATE 22 AUG 92 TIME 235 GMT
LAT 02 05.5S LONG 170 01.0W

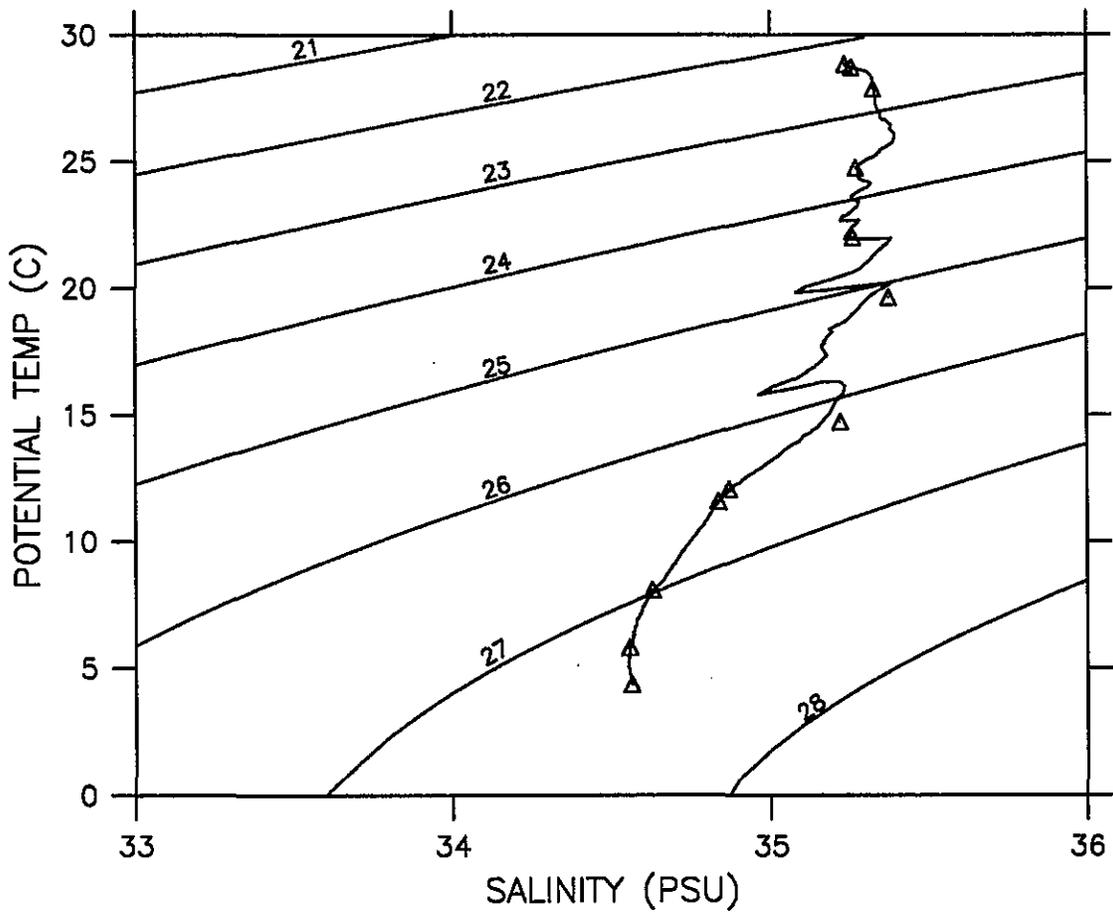


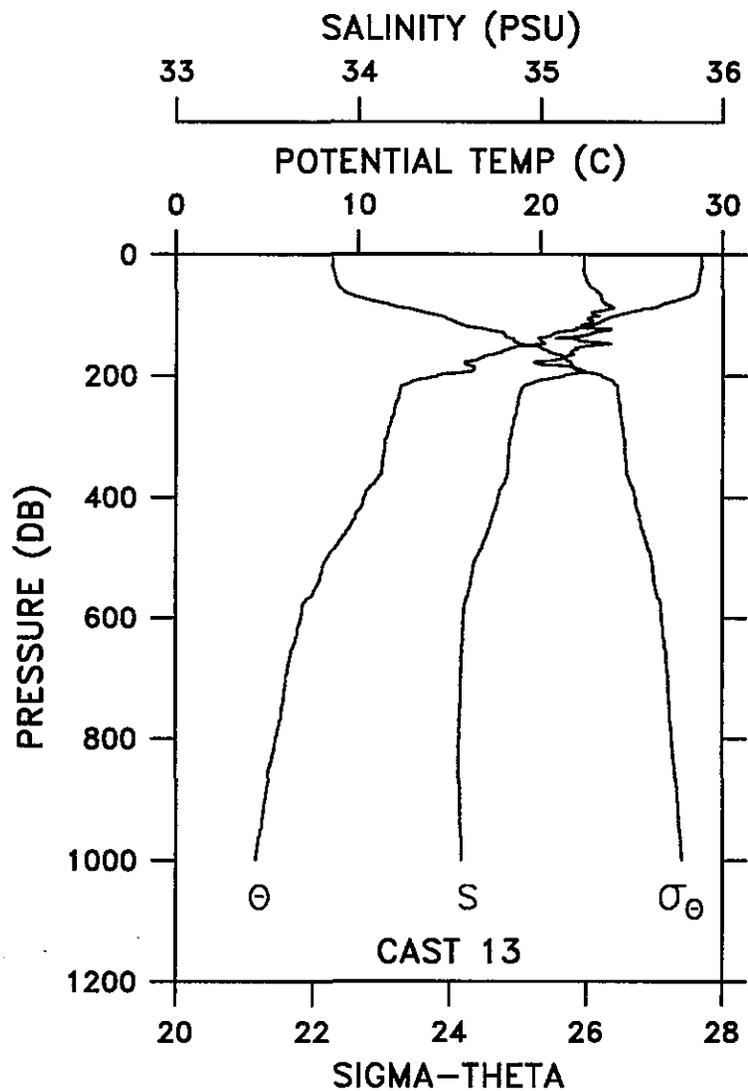


CAST TG2-92-DI-012 DATE 22 AUG 92 TIME 235 GMT
 LAT 02 05.5S LONG 170 01.0W WEATHER 1 SEA STATE 2
 BAROMETER 7 WIND DIR 63 T SPD 11 KT VISIBILITY 8
 CLOUD 8 AMOUNT 8 DRY 30.8 WET 25.0 DEPTH 4996M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.313	35.279	22.171	0.000
10	29.165	35.175	22.143	0.028
20	29.143	35.174	22.149	0.057
30	29.130	35.175	22.155	0.085
40	29.120	35.175	22.158	0.114
50	29.114	35.177	22.161	0.142
60	29.087	35.187	22.178	0.170
70	29.011	35.216	22.225	0.199
80	28.865	35.270	22.315	0.227
90	28.587	35.399	22.504	0.254
100	27.402	35.756	23.160	0.279
110	25.595	35.716	23.701	0.302
120	24.387	35.692	24.051	0.322
130	23.249	35.726	24.413	0.341
140	21.813	35.736	24.831	0.357
150	20.220	35.686	25.228	0.372
160	18.626	35.563	25.548	0.386
170	17.120	35.418	25.808	0.397
180	15.815	35.274	26.002	0.408
190	13.145	35.037	26.393	0.417
200	12.590	34.971	26.453	0.425
250	11.961	34.906	26.524	0.465
300	11.003	34.809	26.627	0.503
350	10.424	34.768	26.698	0.539
400	10.139	34.750	26.734	0.574
450	9.693	34.724	26.789	0.609
500	8.924	34.685	26.884	0.641
550	7.818	34.633	27.013	0.671
600	7.038	34.596	27.096	0.698
650	6.431	34.576	27.162	0.724
700	5.974	34.553	27.203	0.748
750	5.635	34.549	27.242	0.772
800	5.436	34.553	27.270	0.794
900	4.888	34.550	27.332	0.838
1000	4.497	34.554	27.379	0.879
1002	4.494	34.554	27.379	0.880

CAST TG2-92-D1 -013 DATE 22 AUG 92 TIME 805 GMT
LAT 00 59.8S LONG 170 00.2W

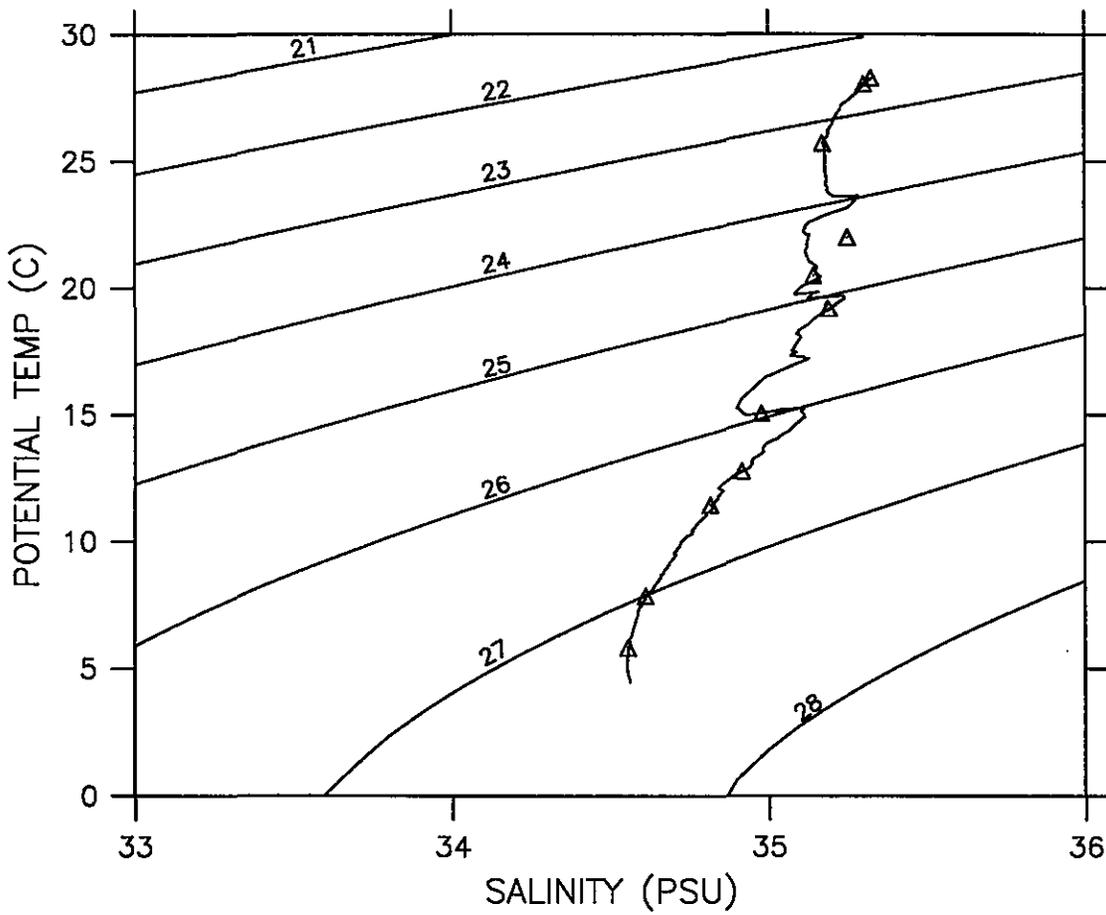


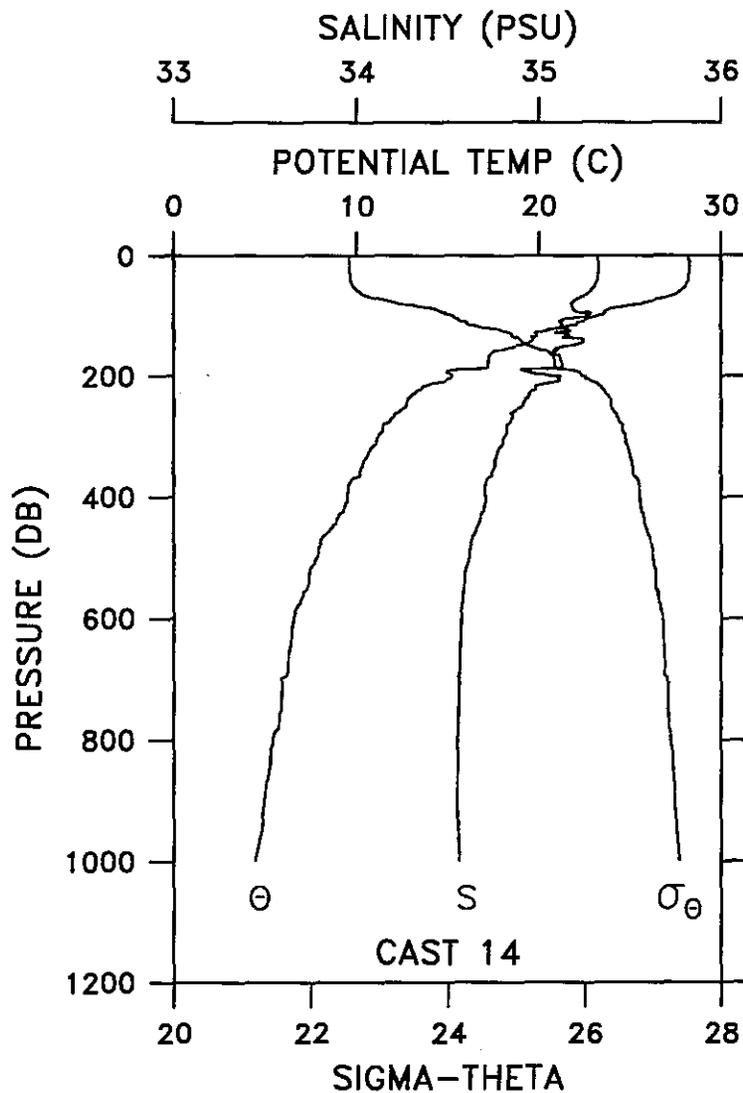


CAST TG2-92-DI -013 DATE 22 AUG 92 TIME 805 GMT
 LAT 00 59.8S LONG 170 00.2W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 131 T SPD 13 KT VISIBILITY 7
 CLOUD 8 AMOUNT 2 DRY 28.3 WET 24.1 DEPTH 5366M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.865	35.239	22.291	0.000
10	28.866	35.239	22.291	0.028
20	28.859	35.238	22.292	0.055
30	28.783	35.238	22.318	0.083
40	28.740	35.249	22.340	0.111
50	28.678	35.266	22.374	0.138
60	28.548	35.305	22.446	0.165
70	28.026	35.327	22.634	0.192
80	26.869	35.351	23.026	0.217
90	25.604	35.372	23.439	0.241
100	24.247	35.294	23.793	0.262
110	23.361	35.279	24.042	0.282
120	22.402	35.258	24.302	0.301
130	20.720	35.275	24.781	0.318
140	19.962	35.206	24.930	0.334
150	19.148	35.277	25.196	0.349
160	17.860	35.167	25.436	0.362
170	16.720	35.114	25.669	0.374
180	15.858	34.984	25.769	0.386
190	16.310	35.215	25.843	0.397
200	14.294	35.125	26.223	0.407
250	11.986	34.868	26.490	0.449
300	11.554	34.835	26.546	0.488
350	11.285	34.818	26.583	0.527
400	10.304	34.765	26.717	0.563
450	9.533	34.718	26.811	0.598
500	8.294	34.647	26.953	0.629
550	7.665	34.609	27.017	0.658
600	6.840	34.576	27.107	0.685
650	6.438	34.567	27.154	0.711
700	6.004	34.563	27.207	0.735
750	5.821	34.557	27.226	0.759
800	5.498	34.555	27.264	0.782
900	4.878	34.553	27.335	0.825
1000	4.375	34.563	27.399	0.866
1002	4.363	34.563	27.401	0.866

CAST TG2-92-DI -014 DATE 22 AUG 92 TIME 1348 GMT
LAT 00 01.9S LONG 170 01.4W

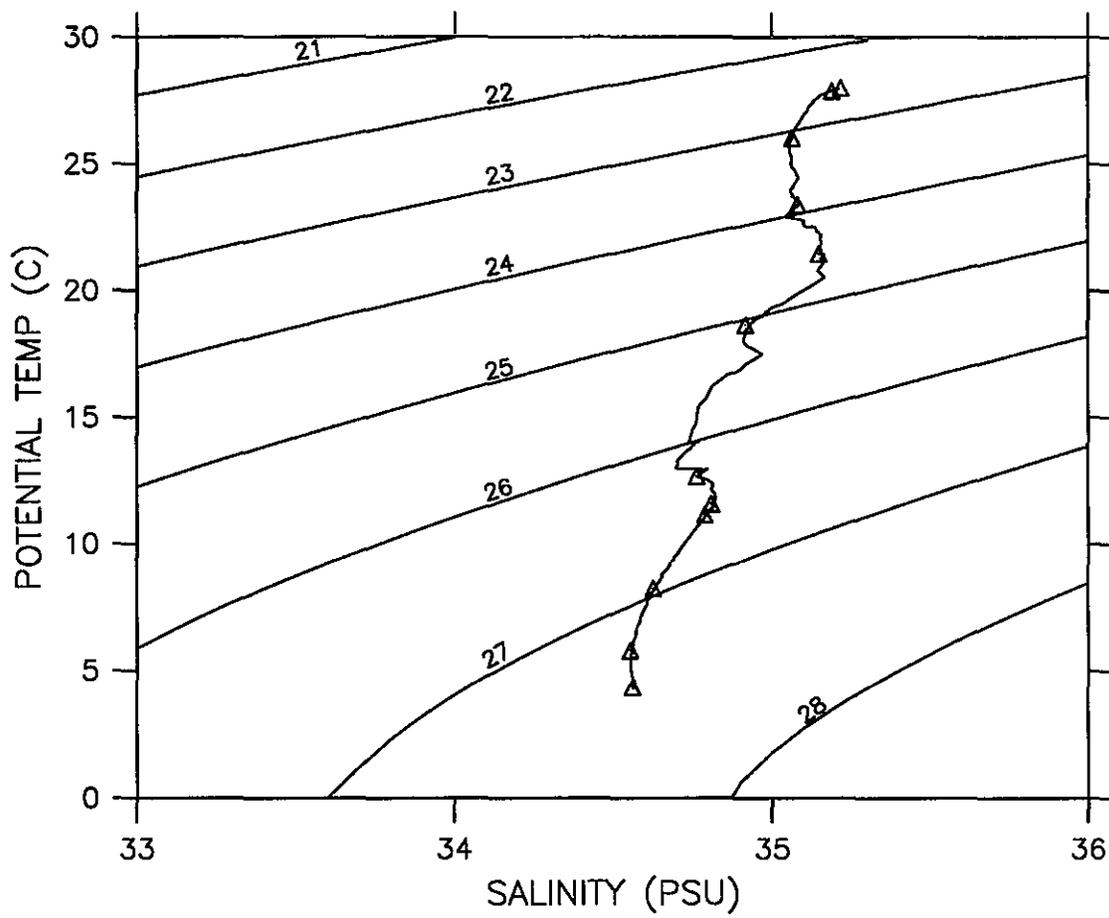




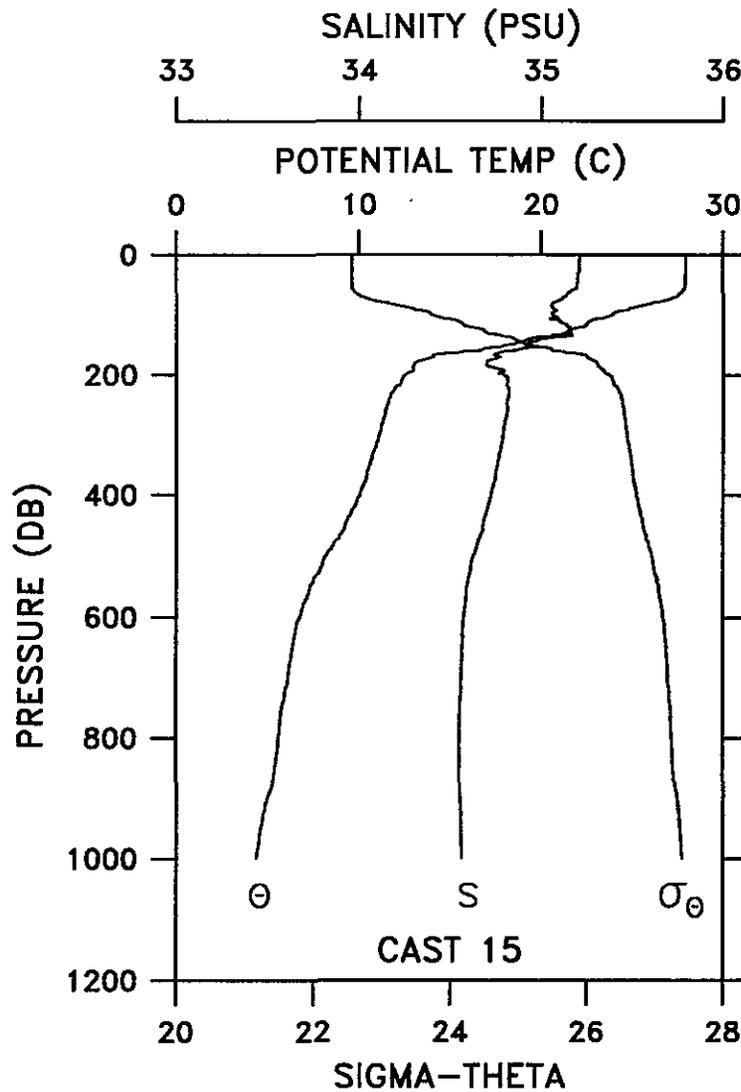
CAST TG2-92-DI-014 DATE 22 AUG 92 TIME 1348 GMT
 LAT 00 01.9S LONG 170 01.4W WEATHER 1 SEA STATE 2
 BAROMETER 95 WIND DIR 72 T SPD 12 KT VISIBILITY 8
 CLOUD 0 AMOUNT 3 DRY 27.8 WET 24.1 DEPTH 0M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.249	35.326	22.561	0.000
10	28.251	35.326	22.560	0.026
20	28.246	35.325	22.561	0.053
30	28.218	35.322	22.568	0.079
40	28.204	35.320	22.571	0.106
50	28.064	35.306	22.606	0.132
60	27.697	35.280	22.706	0.158
70	26.926	35.220	22.909	0.183
80	25.636	35.177	23.282	0.207
90	23.815	35.188	23.840	0.229
100	23.242	35.260	24.063	0.249
110	22.202	35.113	24.249	0.268
120	21.039	35.131	24.585	0.286
130	19.848	35.160	24.925	0.301
140	19.614	35.240	25.048	0.317
150	18.765	35.143	25.192	0.331
160	17.444	35.088	25.477	0.344
170	17.232	35.115	25.548	0.357
180	17.210	35.126	25.562	0.369
190	15.246	34.900	25.842	0.382
200	15.237	35.114	26.009	0.392
250	12.674	34.906	26.386	0.437
300	11.180	34.812	26.597	0.477
350	10.302	34.757	26.711	0.513
400	9.497	34.706	26.808	0.547
450	8.693	34.662	26.903	0.579
500	7.820	34.614	26.998	0.608
550	7.308	34.589	27.052	0.636
600	6.564	34.572	27.141	0.662
650	6.348	34.567	27.166	0.687
700	5.909	34.562	27.219	0.712
750	5.863	34.557	27.220	0.735
800	5.450	34.553	27.268	0.758
900	4.959	34.553	27.326	0.802
1000	4.476	34.561	27.387	0.843
1003	4.469	34.561	27.387	0.844

CAST TG2-92-DI -015 DATE 22 AUG 92 TIME 1937 GMT
LAT 01 00.3N LONG 170 02.4W

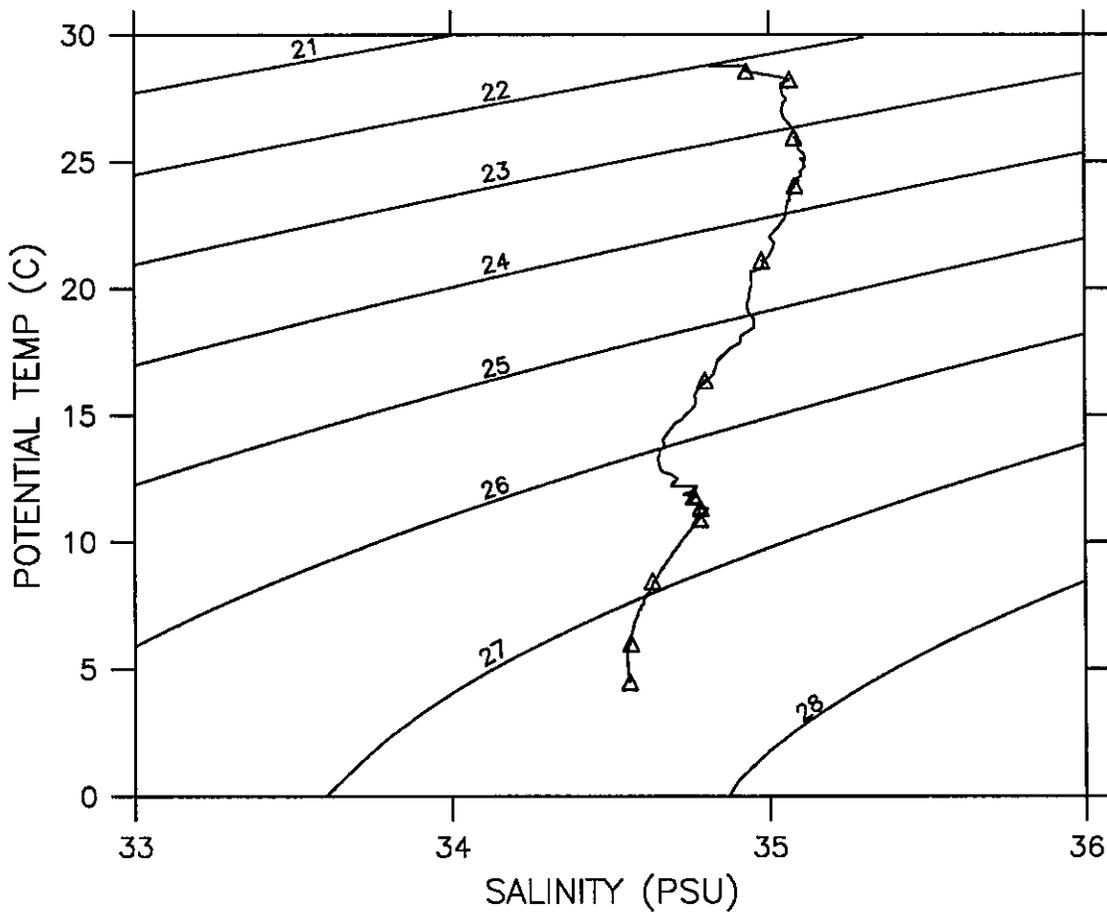


CAST TG2-92-DI-015 DATE 22 AUG 92 TIME 1937 GMT
 LAT 01 00.3N LONG 170 02.4W WEATHER 1 SEA STATE 2
 BAROMETER 11 WIND DIR 70 T SPD 12 KT VISIBILITY 8
 CLOUD 8 AMOUNT 4 DRY 28.0 WET 23.6 DEPTH 5424M

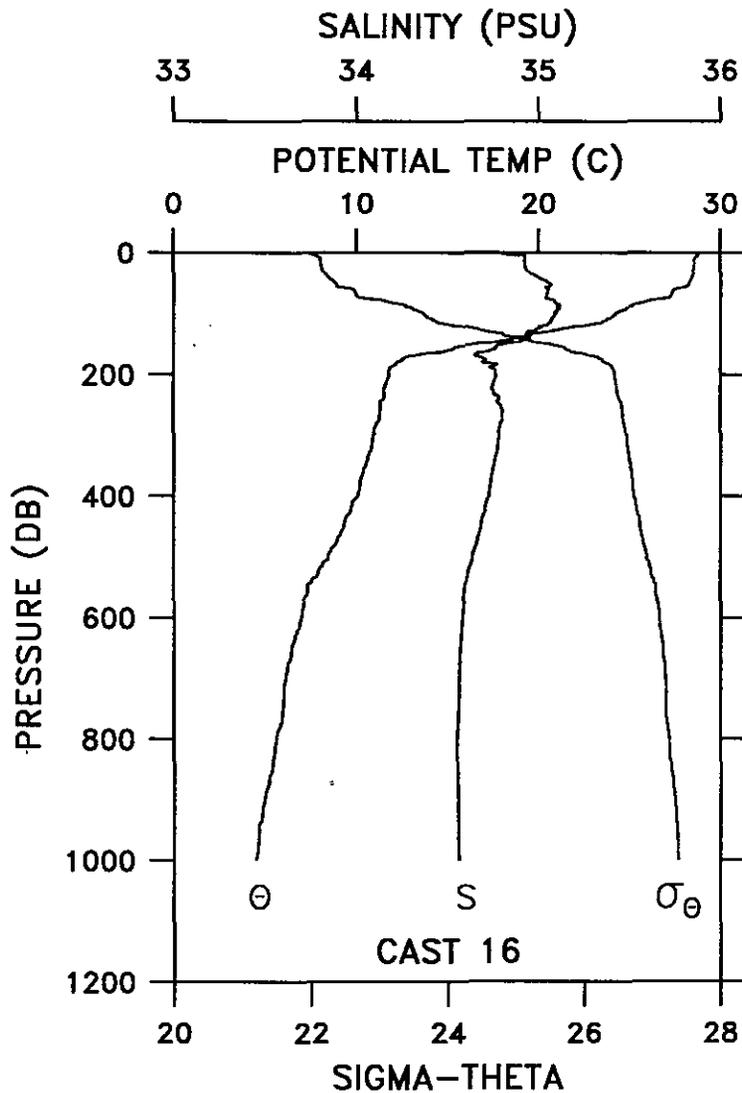


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.973	35.211	22.565	0.000
10	27.971	35.211	22.565	0.026
20	27.973	35.211	22.564	0.053
30	27.956	35.206	22.566	0.079
40	27.942	35.202	22.568	0.106
50	27.926	35.199	22.571	0.132
60	27.774	35.166	22.596	0.158
70	27.276	35.118	22.721	0.185
80	25.983	35.062	23.087	0.210
90	24.775	35.069	23.464	0.233
100	23.827	35.060	23.740	0.254
110	22.638	35.100	24.115	0.274
120	21.998	35.152	24.336	0.293
130	21.245	35.152	24.544	0.310
140	19.192	34.983	24.960	0.326
150	17.998	34.910	25.205	0.341
160	15.720	34.790	25.651	0.354
170	14.001	34.762	26.004	0.364
180	13.037	34.698	26.152	0.374
190	12.945	34.776	26.231	0.383
200	12.519	34.796	26.331	0.392
250	11.548	34.811	26.528	0.433
300	11.095	34.789	26.595	0.471
350	10.583	34.757	26.662	0.508
400	10.044	34.724	26.730	0.544
450	9.249	34.679	26.827	0.578
500	8.159	34.626	26.957	0.609
550	7.307	34.592	27.055	0.637
600	6.752	34.575	27.118	0.664
650	6.347	34.568	27.167	0.689
700	6.110	34.560	27.191	0.714
750	5.781	34.555	27.229	0.737
800	5.611	34.553	27.249	0.761
900	4.970	34.554	27.326	0.805
1000	4.364	34.563	27.400	0.846
1012	4.320	34.563	27.405	0.850

CAST TG2-92-DI -016 DATE 23 AUG 92 TIME 238 GMT
LAT 01 59.7N LONG 170 01.4W



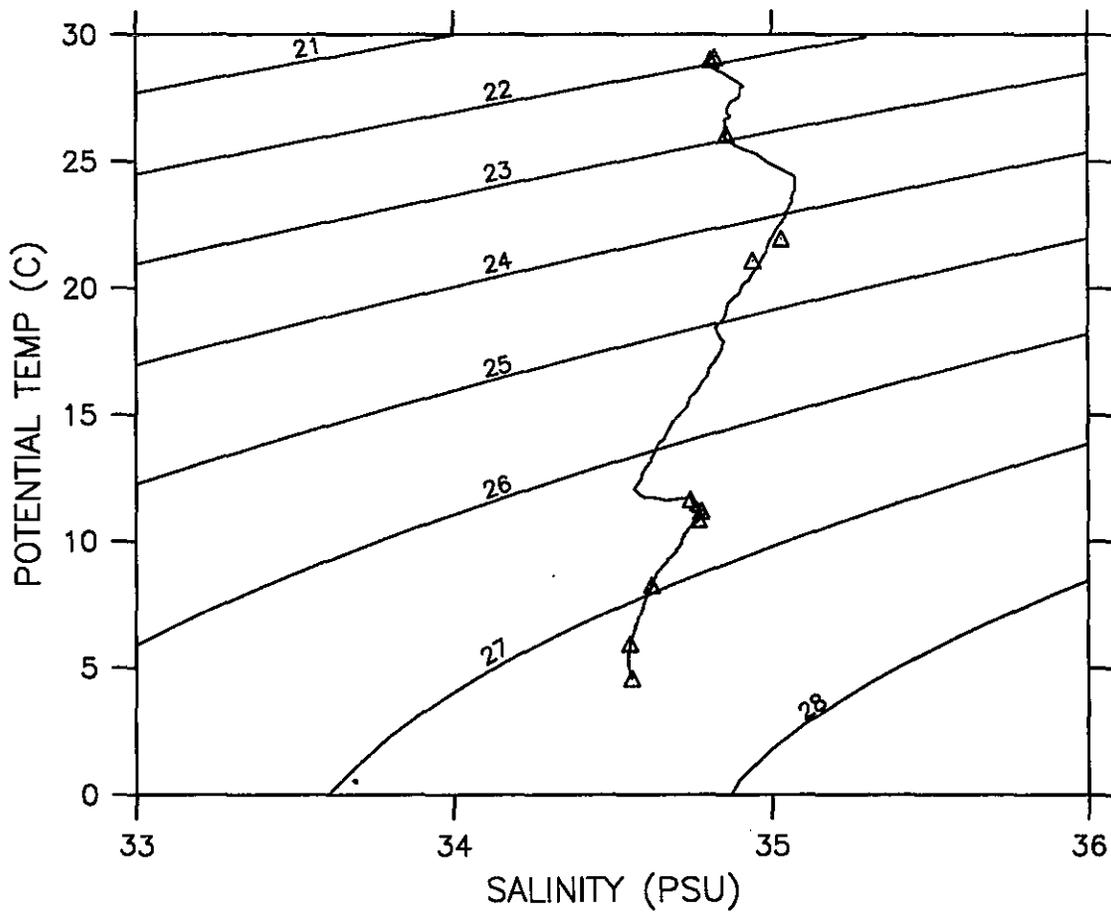
403



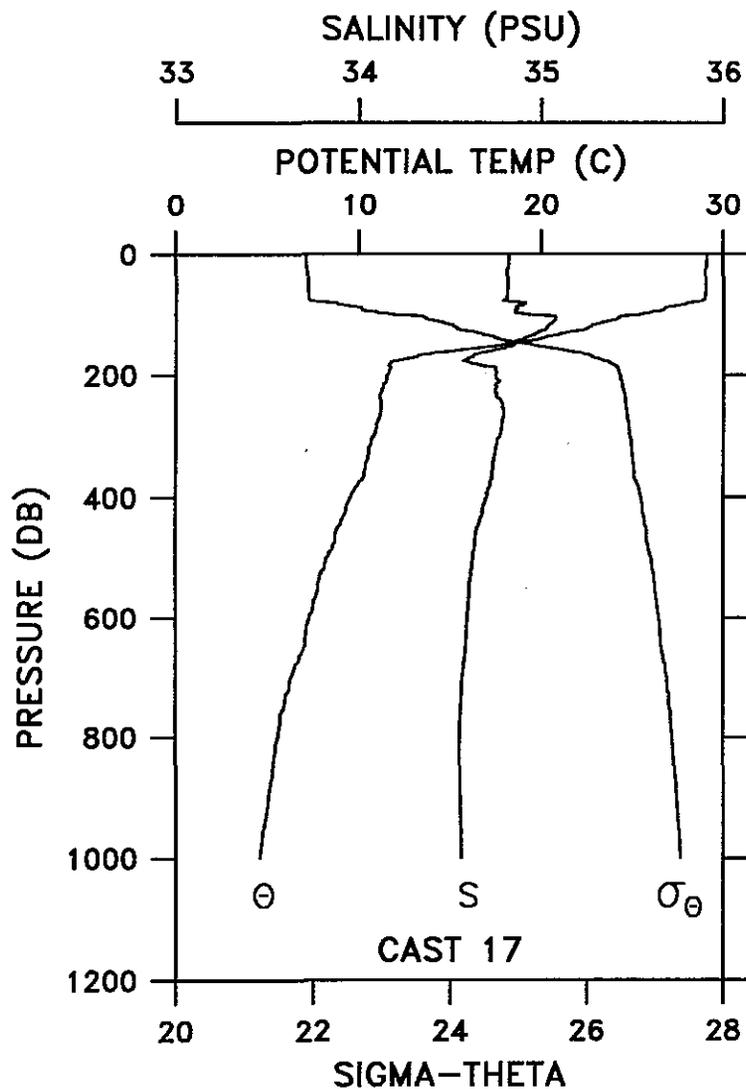
CAST TG2-92-DI-016 DATE 23 AUG 92 TIME 238 GMT
 LAT 01 59.7N LONG 170 01.4W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 116 T SPD 12 KT VISIBILITY 7
 CLOUD 8 AMOUNT 2 DRY 30.0 WET 24.9 DEPTH 5372M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.795	34.803	21.987	0.000
10	28.604	34.925	22.142	0.029
20	28.576	34.926	22.152	0.057
30	28.531	34.939	22.177	0.085
40	28.429	34.989	22.248	0.114
50	28.266	35.056	22.352	0.141
60	27.487	35.055	22.605	0.168
70	27.279	35.043	22.663	0.195
80	25.979	35.087	23.108	0.220
90	24.955	35.112	23.441	0.243
100	24.237	35.092	23.643	0.265
110	23.737	35.075	23.778	0.286
120	22.430	35.030	24.121	0.306
130	20.393	34.944	24.616	0.323
140	18.781	34.951	25.041	0.339
150	16.450	34.809	25.498	0.353
160	15.000	34.736	25.769	0.365
170	12.782	34.662	26.175	0.375
180	12.188	34.692	26.315	0.384
190	11.827	34.743	26.423	0.392
200	11.785	34.764	26.447	0.401
250	11.322	34.791	26.555	0.440
300	10.902	34.779	26.622	0.478
350	10.474	34.751	26.676	0.515
400	10.049	34.725	26.730	0.550
450	9.297	34.682	26.822	0.584
500	8.454	34.637	26.920	0.615
550	7.317	34.593	27.054	0.644
600	6.954	34.580	27.095	0.671
650	6.439	34.568	27.155	0.697
700	6.110	34.561	27.192	0.722
750	5.973	34.558	27.207	0.746
800	5.608	34.553	27.249	0.769
900	4.927	34.556	27.332	0.814
1000	4.480	34.561	27.388	0.854
1004	4.463	34.561	27.388	0.856

CAST TG2-92-DI -017 DATE 23 AUG 92 TIME 751 GMT
LAT 03 00.0N LONG 170 01.8W



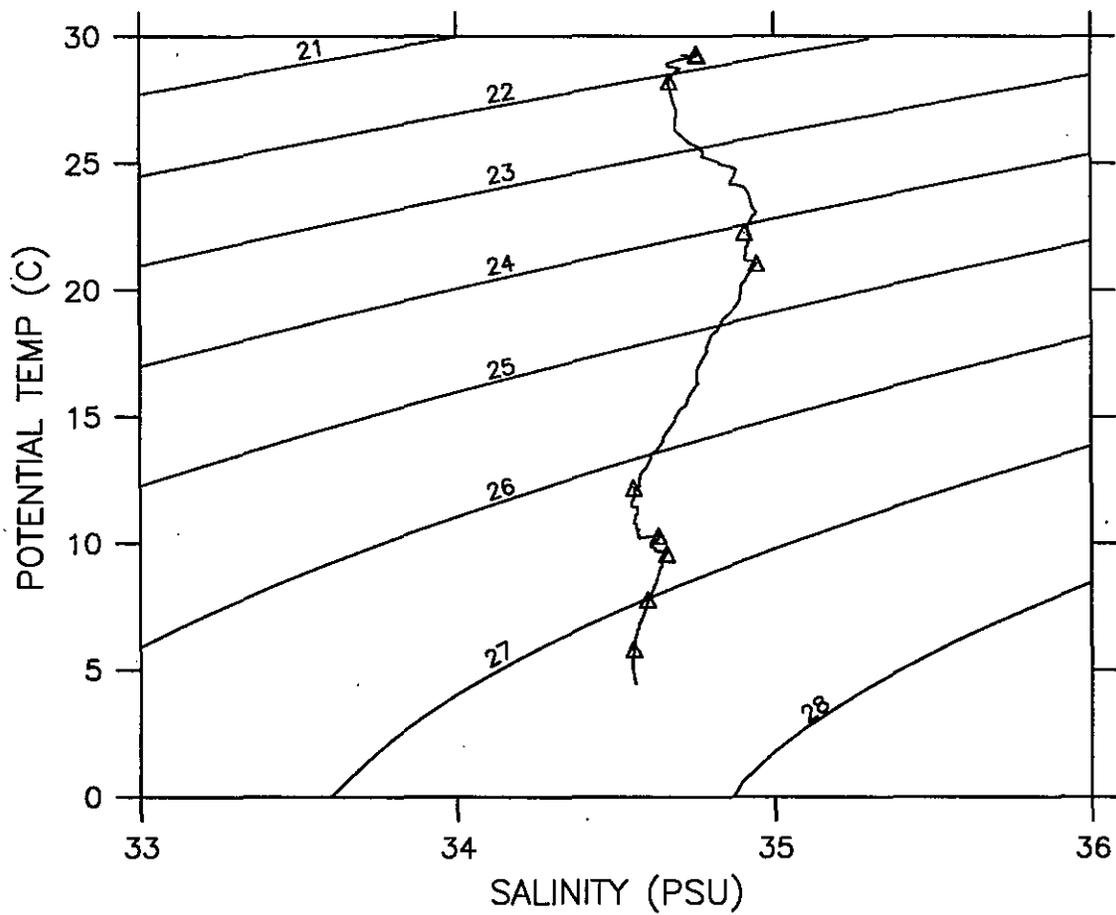
405



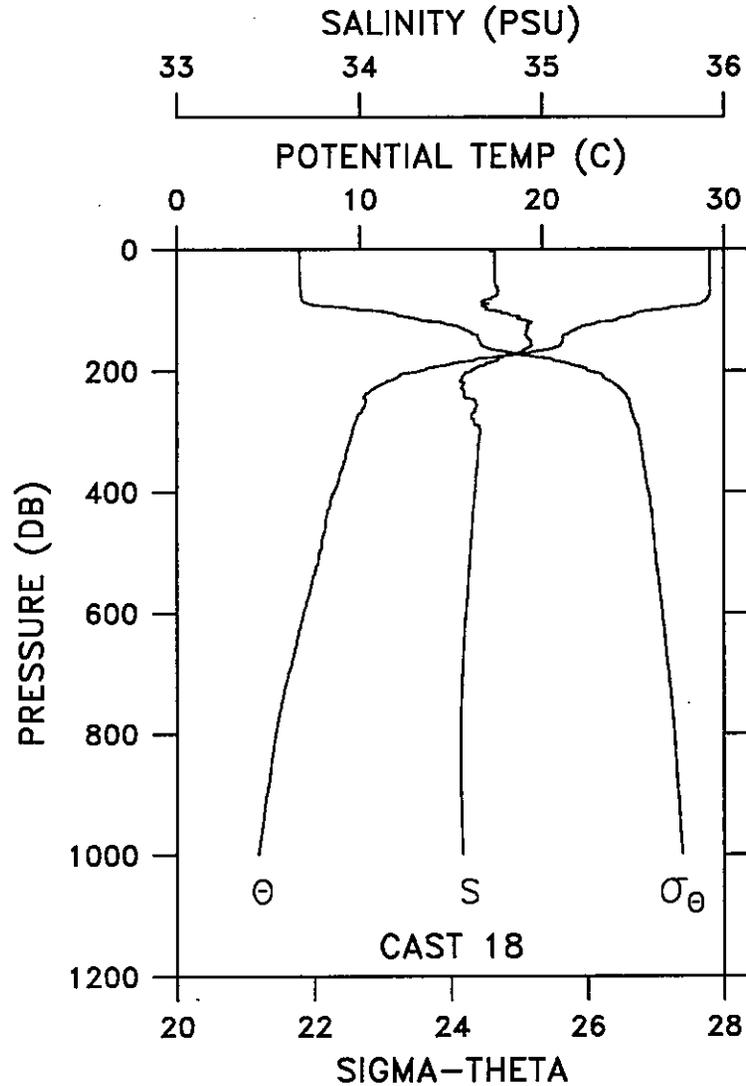
CAST TG2-92-DI -017 DATE 23 AUG 92 TIME 751 GMT
 LAT 03 00.0N LONG 170 01.8W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 97 T SPD 12 KT VISIBILITY 8
 CLOUD 8 AMOUNT 1 DRY 28.5 WET 24.0 DEPTH 5439M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.106	34.823	21.898	0.000
10	29.103	34.822	21.899	0.030
20	29.087	34.820	21.902	0.059
30	29.033	34.812	21.914	0.089
40	29.020	34.811	21.918	0.118
50	29.010	34.811	21.921	0.148
60	28.998	34.810	21.924	0.177
70	28.988	34.809	21.927	0.207
80	28.499	34.846	22.117	0.236
90	26.790	34.869	22.688	0.263
100	25.500	34.907	23.120	0.289
110	23.881	35.075	23.735	0.310
120	22.740	35.037	24.038	0.330
130	21.416	34.985	24.370	0.349
140	20.027	34.904	24.683	0.367
150	17.891	34.850	25.185	0.382
160	15.292	34.733	25.703	0.395
170	13.203	34.624	26.061	0.405
180	11.718	34.601	26.333	0.415
190	11.693	34.745	26.450	0.423
200	11.554	34.750	26.480	0.431
250	11.220	34.786	26.570	0.470
300	10.815	34.770	26.630	0.507
350	10.357	34.735	26.684	0.543
400	9.538	34.698	26.794	0.578
450	8.810	34.647	26.873	0.610
500	8.224	34.627	26.948	0.641
550	7.748	34.606	27.002	0.671
600	7.297	34.594	27.058	0.699
650	6.992	34.585	27.093	0.726
700	6.263	34.567	27.177	0.751
750	5.907	34.558	27.216	0.776
800	5.567	34.553	27.254	0.799
900	5.018	34.554	27.320	0.843
1000	4.588	34.560	27.374	0.885
1002	4.585	34.560	27.374	0.885

CAST TG2-92-DI -018 DATE 23 AUG 92 TIME 1322 GMT
LAT 03 59.5N LONG 170 01.6W

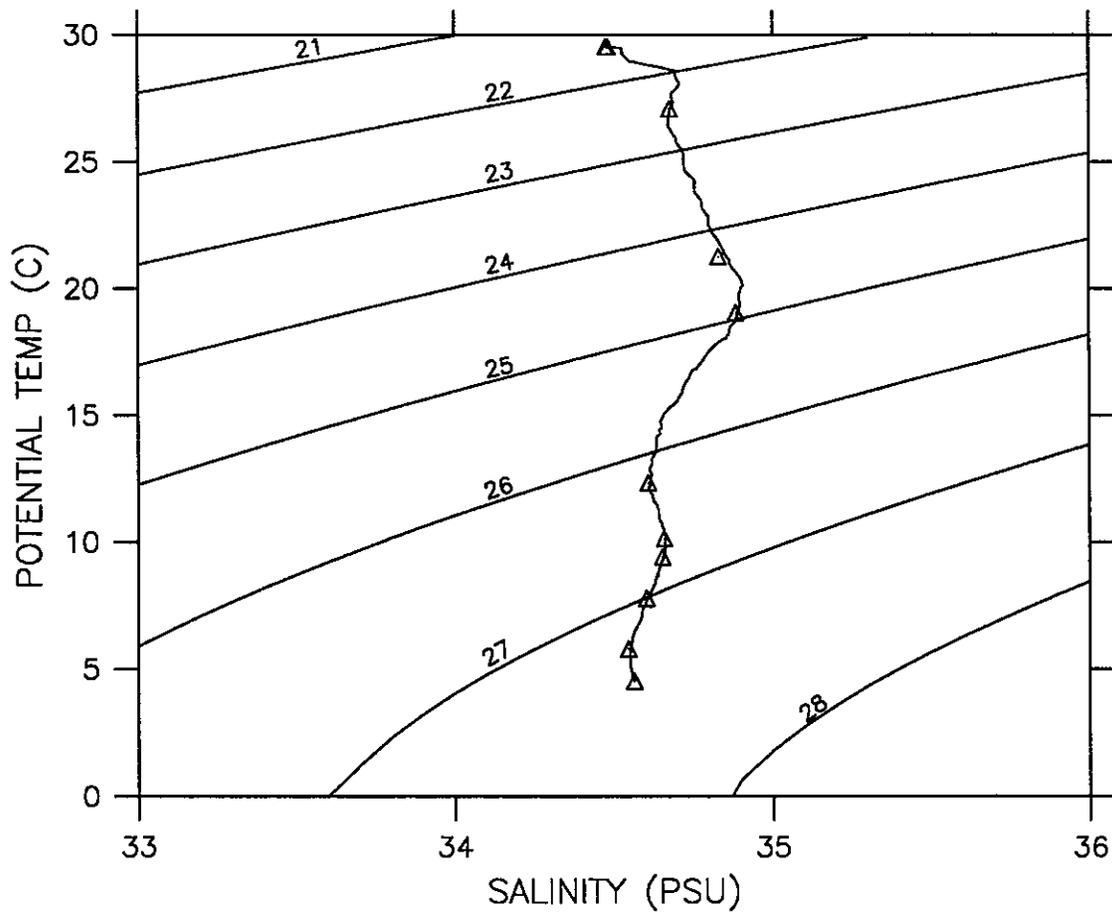


CAST TG2-92-DI -018 DATE 23 AUG 92 TIME 1322 GMT
 LAT 03 59.5N LONG 170 01.6W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 111 T SPD 15 KT VISIBILITY 7
 CLOUD 8 AMOUNT 2 DRY 28.3 WET 24.1 DEPTH 5626M

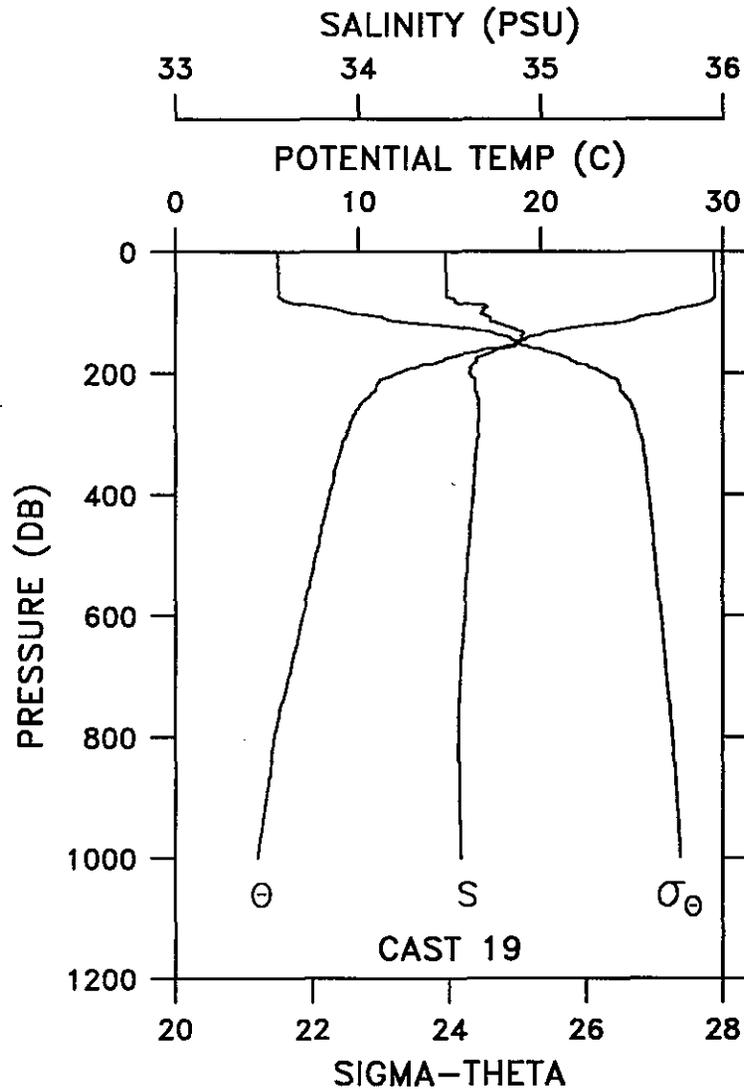


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.235	34.714	21.773	0.000
10	29.240	34.738	21.790	0.030
20	29.241	34.738	21.789	0.060
30	29.241	34.738	21.789	0.090
40	29.240	34.739	21.790	0.120
50	29.239	34.738	21.790	0.151
60	29.239	34.745	21.795	0.181
70	29.230	34.757	21.807	0.211
80	29.120	34.723	21.819	0.241
90	28.730	34.706	21.935	0.271
100	26.303	34.691	22.708	0.299
110	24.874	34.860	23.276	0.323
120	23.069	34.943	23.872	0.345
130	21.982	34.919	24.163	0.364
140	21.382	34.911	24.323	0.383
150	21.125	34.934	24.411	0.401
160	20.892	34.935	24.475	0.418
170	19.324	34.879	24.847	0.435
180	16.464	34.757	25.455	0.449
190	14.828	34.688	25.770	0.462
200	13.284	34.611	26.035	0.472
250	10.319	34.631	26.610	0.514
300	9.599	34.661	26.755	0.549
350	9.159	34.644	26.814	0.582
400	8.593	34.632	26.895	0.614
450	8.122	34.616	26.954	0.644
500	7.780	34.603	26.995	0.673
550	7.392	34.594	27.044	0.701
600	6.920	34.581	27.100	0.728
650	6.540	34.568	27.142	0.754
700	6.082	34.561	27.196	0.778
750	5.710	34.555	27.238	0.802
800	5.375	34.552	27.276	0.825
900	4.903	34.554	27.333	0.868
1000	4.458	34.563	27.390	0.909
1005	4.456	34.562	27.390	0.911

CAST TG2-92-DI -019 DATE 23 AUG 92 TIME 1840 GMT
LAT 04 58.5N LONG 170 01.7W

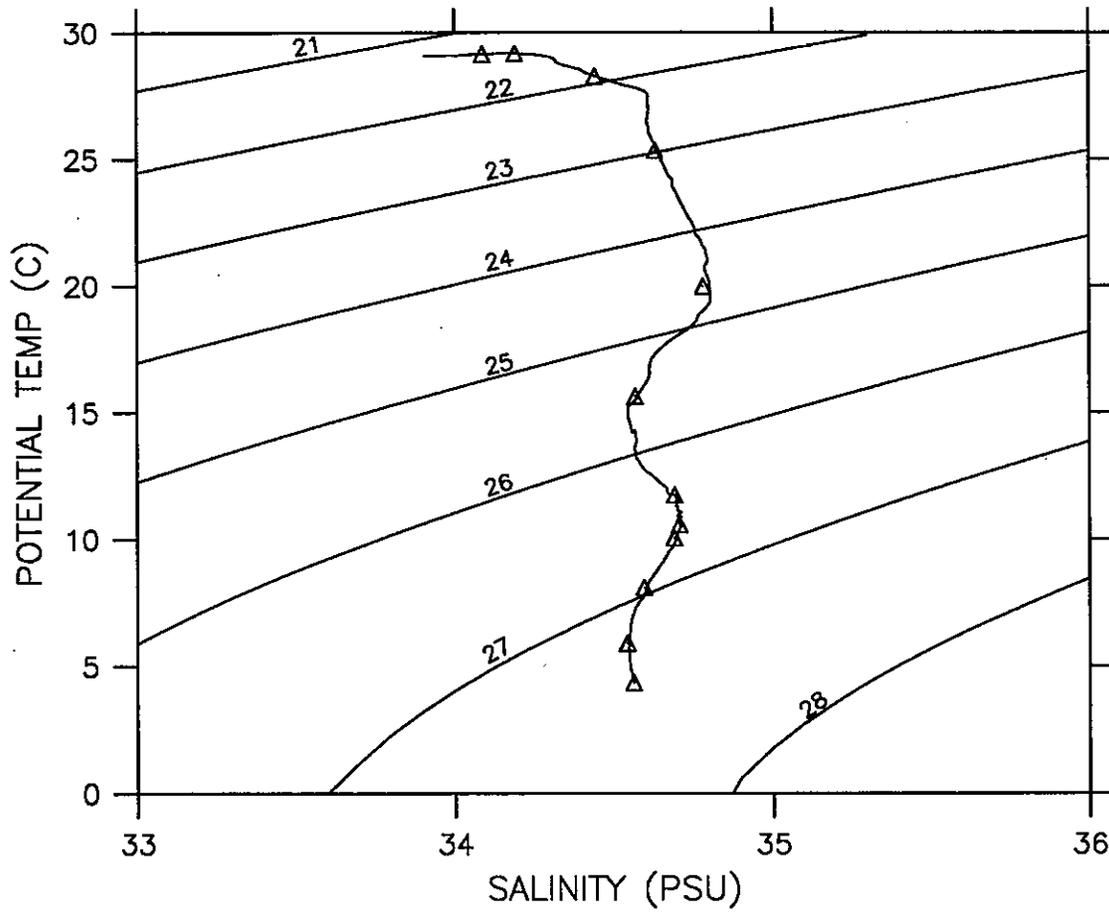


CAST TG2-92-DI-019 DATE 23 AUG 92 TIME 1840 GMT
 LAT 04 58.5N LONG 170 01.7W WEATHER 1 SEA STATE 2
 BAROMETER 8 WIND DIR 153 T SPD 17 KT VISIBILITY 8
 CLOUD 8 AMOUNT 2 DRY 29.0 WET 25.0 DEPTH 5680M

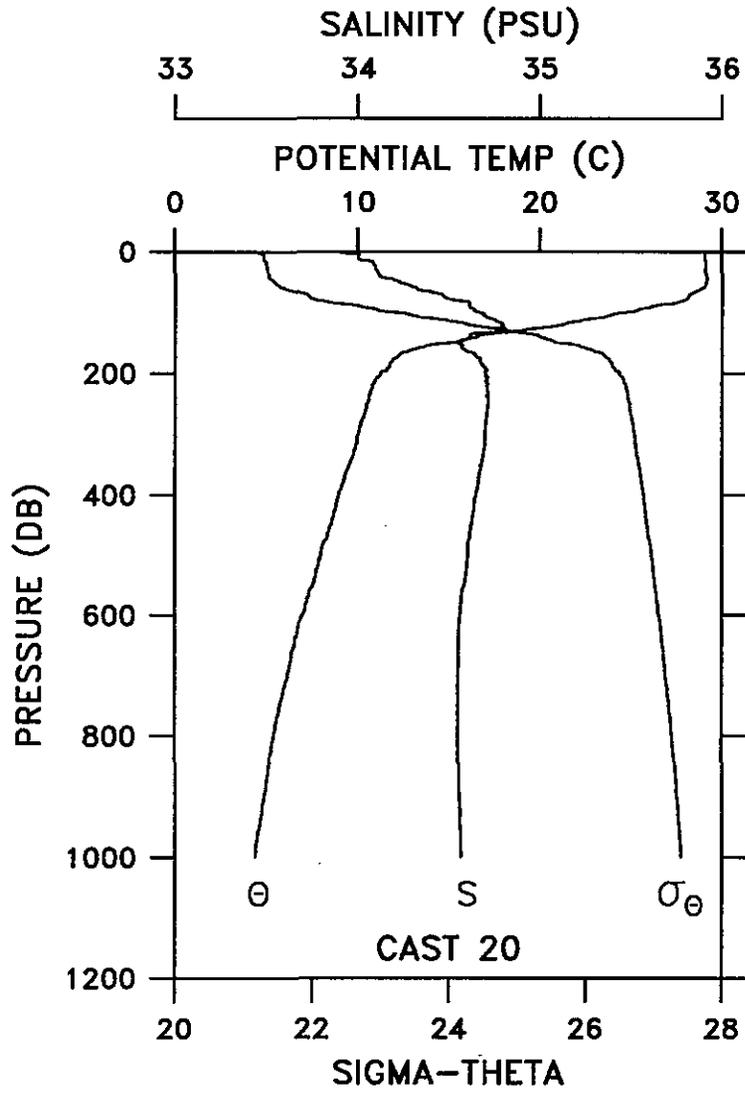


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.528	34.478	21.497	0.000
10	29.528	34.479	21.498	0.031
20	29.519	34.479	21.501	0.063
30	29.523	34.479	21.500	0.094
40	29.531	34.479	21.497	0.126
50	29.530	34.479	21.498	0.158
60	29.529	34.479	21.498	0.189
70	29.526	34.479	21.499	0.221
80	29.385	34.527	21.582	0.252
90	28.312	34.697	22.067	0.282
100	26.932	34.676	22.498	0.310
110	25.292	34.721	23.043	0.335
120	23.164	34.779	23.720	0.358
130	20.818	34.873	24.448	0.377
140	19.372	34.899	24.850	0.394
150	18.620	34.877	25.025	0.409
160	17.139	34.778	25.312	0.424
170	15.570	34.700	25.615	0.436
180	14.504	34.652	25.812	0.448
190	13.249	34.618	26.048	0.458
200	12.129	34.608	26.261	0.468
250	10.167	34.662	26.660	0.507
300	9.357	34.656	26.791	0.541
350	8.793	34.637	26.867	0.573
400	8.430	34.630	26.919	0.603
450	8.025	34.613	26.967	0.633
500	7.688	34.602	27.008	0.662
550	7.366	34.590	27.045	0.690
600	6.963	34.583	27.096	0.717
650	6.602	34.569	27.134	0.743
700	6.211	34.558	27.177	0.768
750	5.741	34.553	27.232	0.792
800	5.435	34.551	27.268	0.815
900	4.958	34.554	27.327	0.858
1000	4.514	34.564	27.385	0.899
1003	4.508	34.563	27.385	0.901

CAST TG2-92-DI -020 DATE 24 AUG 92 TIME 1109 GMT
LAT 07 58.8N LONG 170 03.2W



CAST TG2-92-DI-020 DATE 24 AUG 92 TIME 1109 GMT
 LAT 07 58.8N LONG 170 03.2W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 112 T SPD 6 KT VISIBILITY 7
 CLOUD 8 AMOUNT 1 DRY 28.1 WET 24.1 DEPTH 5520M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.077	33.906	21.219	0.000
10	29.073	34.005	21.295	0.033
20	29.142	34.089	21.335	0.065
30	29.128	34.103	21.350	0.097
40	29.138	34.118	21.358	0.129
50	29.130	34.227	21.443	0.161
60	28.896	34.320	21.591	0.193
70	28.224	34.457	21.915	0.223
80	27.925	34.535	22.072	0.253
90	26.098	34.612	22.712	0.280
100	24.353	34.674	23.292	0.305
110	22.719	34.735	23.815	0.327
120	21.158	34.794	24.296	0.346
130	18.839	34.767	24.885	0.363
140	16.460	34.613	25.345	0.377
150	14.883	34.545	25.648	0.389
160	13.058	34.581	26.057	0.400
170	12.244	34.643	26.266	0.409
180	11.840	34.670	26.364	0.418
190	11.702	34.697	26.411	0.426
200	11.249	34.698	26.496	0.434
250	10.486	34.713	26.644	0.472
300	10.010	34.695	26.713	0.507
350	9.523	34.674	26.778	0.541
400	8.928	34.645	26.852	0.574
450	8.492	34.620	26.901	0.605
500	7.963	34.602	26.967	0.635
550	7.529	34.582	27.015	0.664
600	6.971	34.558	27.075	0.691
650	6.514	34.552	27.132	0.717
700	6.148	34.549	27.178	0.742
750	5.733	34.547	27.229	0.766
800	5.402	34.548	27.270	0.789
900	4.859	34.553	27.338	0.832
1000	4.364	34.564	27.401	0.872
1007	4.333	34.564	27.405	0.875

CAST TG2-92-DI -001 LAT 09 18.0N LONG 151 10.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
12.	28.212	33.844	0.00	28.209	21.460
18.	28.272	33.940	0.00	28.268	21.513
41.	28.266	34.213	0.00	28.256	21.721
59.	28.030	34.565	0.00	28.016	22.065
80.	27.648	34.662	0.00	27.629	22.263
98.	19.199	34.498	0.00	19.181	24.592
122.	13.279	34.587	0.00	13.262	26.021
146.	12.063	34.690	0.00	12.044	26.340
188.	11.152	34.693	0.00	11.129	26.513
321.	9.747	34.682	0.00	9.710	26.753
483.	8.510	34.625	0.00	8.459	26.910
1008.	4.640	34.545	0.00	4.559	27.365

CAST TG2-92-DI -002 LAT 07 55.8N LONG 154 56.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
23.	28.206	34.060	0.00	28.201	21.625
50.	28.179	34.569	0.00	28.167	22.018
72.	26.535	34.637	0.00	26.519	22.599
100.	16.224	34.570	0.00	16.208	25.370
125.	12.574	34.632	0.00	12.557	26.196
150.	11.684	34.691	0.00	11.665	26.413
199.	10.731	34.688	0.00	10.707	26.586
246.	10.251	34.690	0.00	10.222	26.672
298.	9.810	34.675	0.00	9.776	26.736
498.	8.305	34.610	0.00	8.253	26.930
754.	5.773	34.542	0.00	5.707	27.228
993.	4.546	34.559	0.00	4.467	27.386

CAST TG2-92-DI -003 LAT 05 02.7N LONG 154 55.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
24.	28.818	34.618	0.00	28.812	21.842
49.	28.801	34.623	0.00	28.789	21.854
76.	28.767	34.640	0.00	28.749	21.880
84.	28.725	34.718	0.00	28.705	21.953
125.	22.946	34.782	0.00	22.921	23.792
148.	18.180	34.775	0.00	18.154	25.063
201.	12.443	34.621	0.00	12.416	26.215
251.	10.111	34.656	0.00	10.082	26.670
304.	9.483	34.655	0.00	9.449	26.776
500.	8.112	34.610	0.00	8.060	26.959
748.	5.944	34.550	0.00	5.878	27.213
1004.	4.669	34.558	0.00	4.588	27.371

CAST TG2-92-DI -004 LAT 02 00.1N LONG 155 06.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
28.	27.900	34.780*	0.00	27.893*	22.266*
51.	27.885	34.784	0.00	27.873	22.276
69.	27.833	34.792	0.00	27.817	22.300
99.	25.622	34.790	0.00	25.600	23.001
125.	20.223	34.888*	0.00	20.200*	24.624*
147.	15.200	34.708	0.00	15.178	25.709
199.	12.051	34.834	0.00	12.025	26.456
250.	11.756	34.834	0.00	11.724	26.513
297.	11.292	34.808	0.00	11.255	26.580
499.	8.747	34.644	0.00	8.693	26.889
750.	5.780	34.554	0.00	5.714	27.236
1009.	4.389	34.572	0.00	4.309	27.413

CAST TG2-92-DI -005 LAT 00 00.6N LONG 155 03.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
26.	25.605	35.094	0.00	25.599	23.231
55.	25.055	35.160	0.00	25.043	23.451
83.	23.611	35.169	0.00	23.594	23.891
99.	22.241	35.154	0.00	22.221	24.274
125.	18.992	35.099	0.00	18.970	25.106
148.	17.294	35.048	0.00	17.269	25.488
201.	14.005	34.975	0.00	13.976	26.174
251.	12.244	34.867	0.00	12.211	26.446
300.	11.633	34.831	0.00	11.594	26.535
503.	8.440	34.650	0.00	8.387	26.940
748.	6.100	34.561	0.00	6.033	27.202
1002.	4.594	34.561	0.00	4.514	27.382

CAST TG2-92-DI -006 LAT 01 59.0S LONG 154 59.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
24.	26.633	35.318	0.00	26.627	23.078
51.	26.571	35.333	0.00	26.560	23.111
74.	26.505	35.350	0.00	26.488	23.146
103.	26.484	35.392	0.00	26.461	23.187
126.	23.893	35.701	0.00	23.867	24.214
151.	19.767	35.575	0.00	19.739	25.271
203.	13.775	35.019	0.00	13.746	26.255
252.	12.345	34.886	0.00	12.311	26.441
300.	11.940	34.861	0.00	11.901	26.500
501.	8.249	34.652	0.00	8.197	26.971
748.	5.646	34.555	0.00	5.581	27.253
1002.	4.379	34.559*	0.00	4.300*	27.404*

* Calculated from CTD values

CAST TG2-92-DI -007 LAT 03 28.9S LONG 156 28.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
25.	28.192	35.248	0.00	28.186	22.522
50.	28.094	35.251	0.00	28.082	22.559
76.	27.952	35.318	0.00	27.934	22.658
101.	27.825	35.371*	0.00	27.801*	22.741*
127.	25.898	35.380	0.00	25.870	23.362
151.	15.735	35.214	0.00	15.711	25.979
199.	13.164	34.953	0.00	13.136	26.330
250.	12.454	34.897	0.00	12.421	26.429
300.	11.927	34.862	0.00	11.888	26.504
503.	8.170	34.647	0.00	8.118	26.979
748.	5.811	34.554	0.00	5.745	27.233
1000.	4.214	34.556	0.00	4.137	27.418

CAST TG2-92-DI -008 LAT 04 59.4S LONG 155 04.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
26.	28.210	35.217	0.00	28.204	22.494
50.	28.220	35.216	0.00	28.208	22.491
75.	28.028	35.225	0.00	28.010	22.563
101.	26.936	35.558	0.00	26.913	23.168
125.	25.774	36.236	0.00	25.746	24.047
151.	22.238	36.055	0.00	22.208	24.963
202.	16.175	35.292	0.00	16.143	25.941
252.	12.071	34.903	0.00	12.038	26.507
303.	11.113	34.824	0.00	11.075	26.625
501.	8.235	34.646	0.00	8.183	26.968
749.	6.017	34.550	0.00	5.950	27.204
1001.	4.474	34.548*	0.00	4.395*	27.385*

CAST TG2-92-DI -009 LAT 07 57.0S LONG 170 02.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
25.	29.311	35.059	0.00	29.305	22.009
52.	29.278	35.055	0.00	29.265	22.019
74.	29.275	35.057	0.00	29.257	22.023
101.	29.264	35.065	0.00	29.240	22.035
124.	27.466	35.871	0.00	27.437	23.236
150.	25.822	36.030	0.00	25.789	23.879
201.	21.226	35.946	0.00	21.187	25.164
250.	17.271	35.426	0.00	17.229	25.788
300.	13.538	35.030	0.00	13.495	26.316
501.	7.779	34.607	0.00	7.728	27.005
749.	5.773	34.527	0.00	5.708	27.215
1008.	4.373	34.543*	0.00	4.294*	27.391*

CAST TG2-92-DI -010 LAT 05 00.2S LONG 170 02.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
24.	28.974	35.185	0.00	28.968	22.216
53.	28.956	35.186	0.00	28.943	22.225
75.	28.955	35.187	0.00	28.937	22.228
103.	28.832	35.225	0.00	28.807	22.300
125.	27.883	35.698	0.00	27.854	22.970
150.	25.484	35.999	0.00	25.451	23.960
203.	16.589	35.344	0.00	16.556	25.884
250.	12.273	34.938	0.00	12.240	26.495
302.	10.761	34.799	0.00	10.724	26.669
502.	8.141	34.637	0.00	8.089	26.975
752.	5.906	34.545	0.00	5.839	27.214
1002.	4.488	34.546*	0.00	4.408*	27.382*

CAST TG2-92-DI -011 LAT 03 30.5S LONG 170 00.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
24.	29.200	35.149	0.00	29.194	22.113
52.	29.097	35.206	0.00	29.084	22.192
75.	29.063	35.226	0.00	29.045	22.221
101.	28.332	33.576	0.00	28.308	21.225
124.	26.951	35.896	0.00	26.923	23.420
150.	23.034	35.899	0.00	23.003	24.616
202.	14.906	35.207	0.00	14.876	26.159
250.	12.134	34.929	0.00	12.101	26.515
301.	10.211	34.762	0.00	10.175	26.736
500.	8.190	34.642	0.00	8.138	26.973
752.	5.848	34.556	0.00	5.782	27.229
1003.	4.551	34.547*	0.00	4.471*	27.376*

CAST TG2-92-DI -012 LAT 02 05.5S LONG 170 01.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
25.	29.165	35.174	0.00	29.159	22.144
49.	29.139	35.174	0.00	29.127	22.155
75.	29.084	35.198	0.00	29.066	22.193
101.	28.618	35.400	0.00	28.594	22.502
125.	25.511	35.701	0.00	25.483	23.724
154.	21.224	35.728	0.00	21.194	24.996
204.	12.751	35.004	0.00	12.723	26.452
257.	11.769	34.903	0.00	11.736	26.564
298.	11.152	34.817	0.00	11.115	26.612
496.	9.198	34.693	0.00	9.143	26.855
750.	5.745	34.547	0.00	5.680	27.235
1000.	4.575	34.562	0.00	4.495	27.385

* Calculated from CTD values

CAST TG2-92-DI -013 LAT 00 59.8S LONG 170 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
24.	28.833	35.237	0.00	28.827	22.302
50.	28.727	35.258	0.00	28.715	22.355
76.	27.870	35.327	0.00	27.852	22.691
100.	24.773	35.271	0.00	24.752	23.623
124.	22.034	35.260	0.00	22.010	24.414
150.	19.662	35.376	0.00	19.635	25.146
202.	14.742	35.221	0.00	14.712	26.206
247.	12.103	34.868	0.00	12.071	26.474
300.	11.620	34.834	0.00	11.582	26.540
500.	8.134	34.626	0.00	8.082	26.968
750.	5.888	34.555	0.00	5.822	27.224
1001.	4.440	34.561	0.00	4.361	27.399

CAST TG2-92-DI -016 LAT 01 59.7N LONG 170 01.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
25.	28.567	34.928	0.00	28.561	22.158
51.	28.231	35.066	0.00	28.219	22.375
75.	25.964	35.080	0.00	25.947	23.112
102.	24.074	35.083	0.00	24.052	23.690
124.	21.121	34.976	0.00	21.097	24.450
150.	16.392	34.798	0.00	16.368	25.508
204.	11.805	34.762	0.00	11.779	26.447
251.	11.360	34.783	0.00	11.328	26.547
301.	10.938	34.780	0.00	10.901	26.623
503.	8.497	34.632	0.00	8.444	26.918
738.	6.061	34.564	0.00	5.995	27.209
1001.	4.556	34.561	0.00	4.476	27.386

CAST TG2-92-DI -014 LAT 00 01.9S LONG 170 01.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
25.	28.274	35.324	0.00	28.268	22.552
48.	28.056	35.301	0.00	28.045	22.609
76.	25.721	35.173	0.00	25.704	23.258
102.	22.008	35.250	0.00	21.988	24.413
123.	20.515	35.144	0.00	20.492	24.742
149.	19.213	35.190	0.00	19.186	25.120
198.	15.057	34.978	0.00	15.027	25.950
251.	12.788	34.916	0.00	12.754	26.378
300.	11.471	34.815	0.00	11.433	26.553
501.	7.888	34.612	0.00	7.837	26.993
751.	5.879	34.555	0.00	5.813	27.225
1002.	4.553	34.560*	0.00	4.473*	27.386*

CAST TG2-92-DI -017 LAT 03 00.0N LONG 170 01.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
24.	29.102	34.823	0.00	29.096	21.901
49.	29.021	34.810	0.00	29.009	21.921
75.	29.000	34.811	0.00	28.982	21.931
101.	26.088	34.859	0.00	26.065	22.908
133.	21.979	35.031	0.00	21.953	24.256
139.	21.119	34.940	0.00	21.092	24.425
193.	11.657	34.745	0.00	11.632	26.461
250.	11.223	34.779	0.00	11.192	26.569
300.	10.888	34.772	0.00	10.851	26.625
502.	8.309	34.624	0.00	8.256	26.940
749.	6.011	34.557	0.00	5.944	27.210
1002.	4.668	34.563	0.00	4.587	27.375

CAST TG2-92-DI -015 LAT 01 00.3N LONG 170 02.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
26.	27.987	35.216	0.00	27.981	22.566
51.	27.892	35.189	0.00	27.880	22.578
74.	26.045	35.063	0.00	26.028	23.074
100.	23.403	35.081	0.00	23.382	23.886
126.	21.463	35.146	0.00	21.438	24.486
147.	18.677	34.917	0.00	18.651	25.047
200.	12.685	34.762	0.00	12.658	26.277
249.	11.603	34.808	0.00	11.571	26.521
300.	11.170	34.787	0.00	11.133	26.586
502.	8.293	34.626	0.00	8.240	26.944
748.	5.862	34.552	0.00	5.796	27.224
1001.	4.446	34.560	0.00	4.367	27.397

CAST TG2-92-DI -018 LAT 03 59.5N LONG 170 01.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
25.	29.287	34.757	0.00	29.281	21.790
52.	29.295	34.756	0.00	29.282	21.789
76.	29.258	34.759	0.00	29.240	21.806
101.	28.228	34.673	0.00	28.204	22.084
125.	22.275	34.907	0.00	22.250	24.078
150.	21.057	34.945	0.00	21.028	24.446
201.	12.198	34.557	0.00	12.172	26.213
252.	10.320	34.635	0.00	10.290	26.617
302.	9.614	34.661	0.00	9.580	26.758
504.	7.822	34.602	0.00	7.771	26.995
749.	5.877	34.557	0.00	5.811	27.226
1004.	4.536	34.562*	0.00	4.456*	27.389*

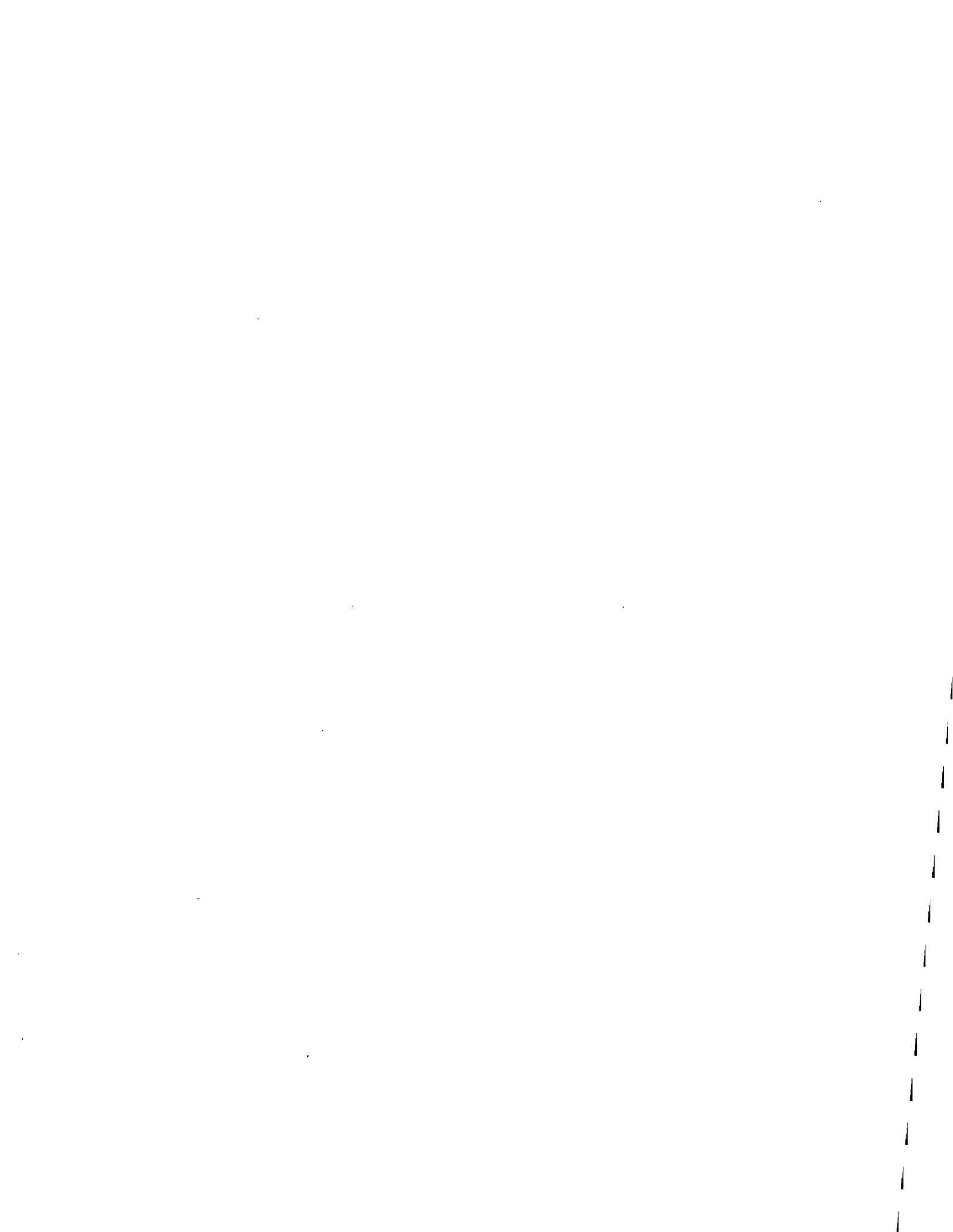
* Calculated from CTD values

CAST TG2-92-DI -019 LAT 04 58.5N LONG 170 01.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
25.	29.543	34.479	0.00	29.537	21.495
51.	29.547	34.477	0.00	29.535	21.494
75.	29.555	34.482	0.00	29.537	21.498
100.	27.107	34.677	0.00	27.084	22.449
126.	21.292	34.830	0.00	21.268	24.293
148.	19.077	34.884	0.00	19.051	24.921
200.	12.360	34.607	0.00	12.334	26.220
250.	10.161	34.658	0.00	10.132	26.663
300.	9.454	34.653	0.00	9.420	26.779
499.	7.829	34.601	0.00	7.778	26.994
750.	5.854	34.546	0.00	5.788	27.221
1002.	4.591	34.563	0.00	4.511	27.385

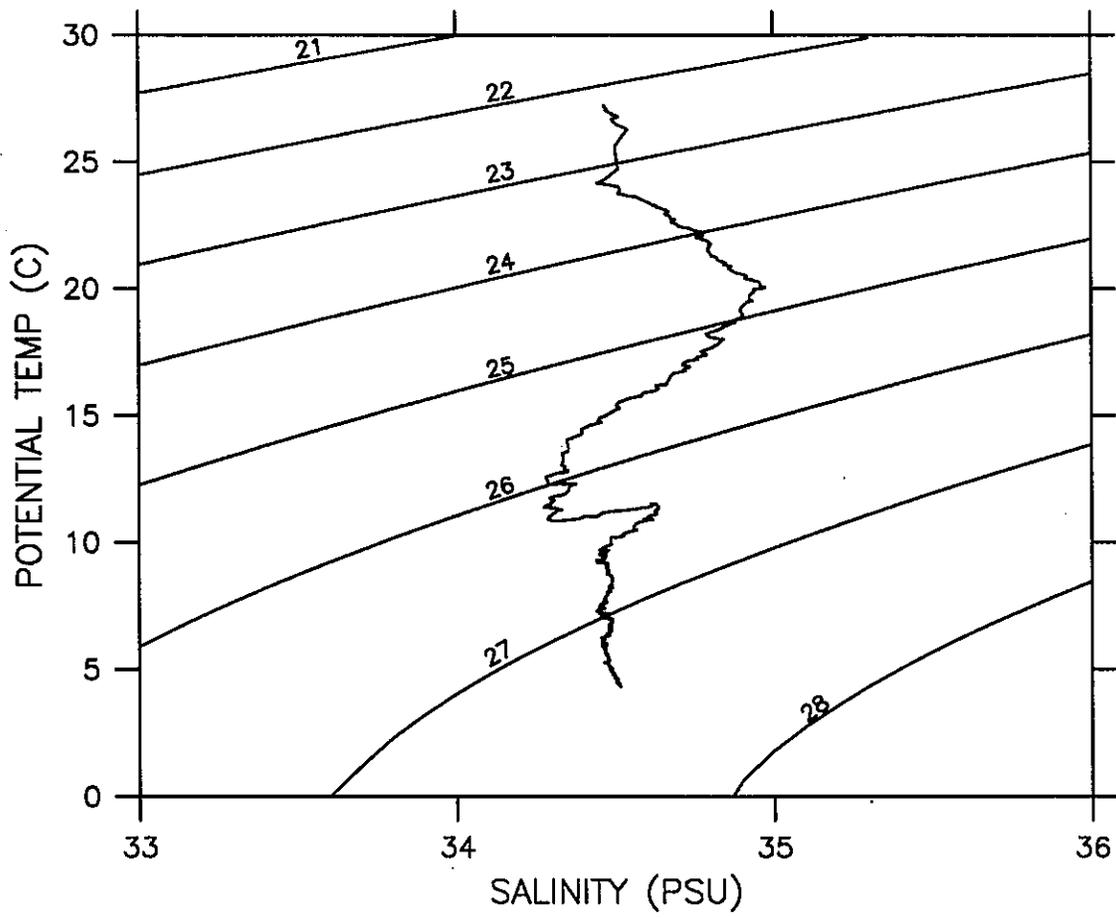
CAST TG2-92-DI -020 LAT 07 58.8N LONG 170 03.2W

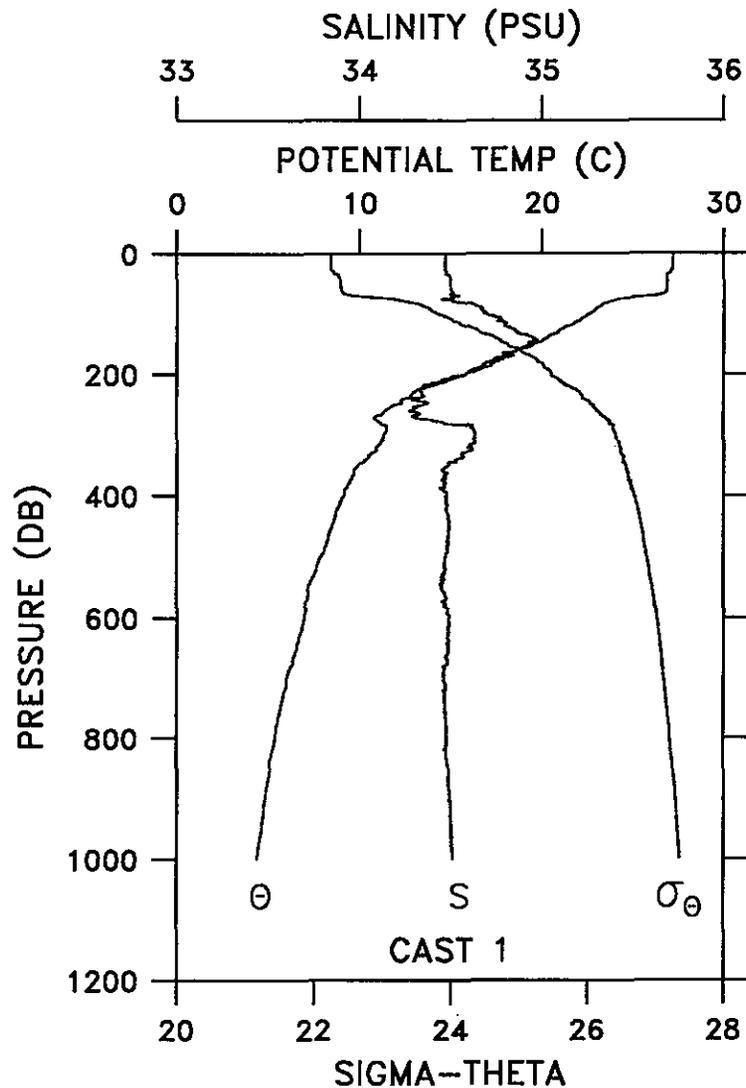
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
24.	29.149	34.088	0.00	29.143	21.334
50.	29.189	34.191	0.00	29.177	21.400
75.	28.289	34.443	0.00	28.271	21.889
101.	25.359	34.631	0.00	25.337	22.962
126.	19.995	34.782	0.00	19.972	24.604
150.	15.643	34.568	0.00	15.620	25.502
201.	11.761	34.692	0.00	11.735	26.400
253.	10.591	34.706	0.00	10.561	26.626
304.	10.079	34.690	0.00	10.044	26.703
499.	8.140	34.596	0.00	8.088	26.944
738.	5.958	34.543	0.00	5.892	27.206
1006.	4.417	34.563	0.00	4.338	27.403



EP5-92-DI
September 6–October 11, 1992
CTD and Hydrographic Data Summary

CAST EP5-92-DI -001 DATE 07 SEP 92 TIME 1936 GMT
LAT 16 29.7N LONG 149 53.9W

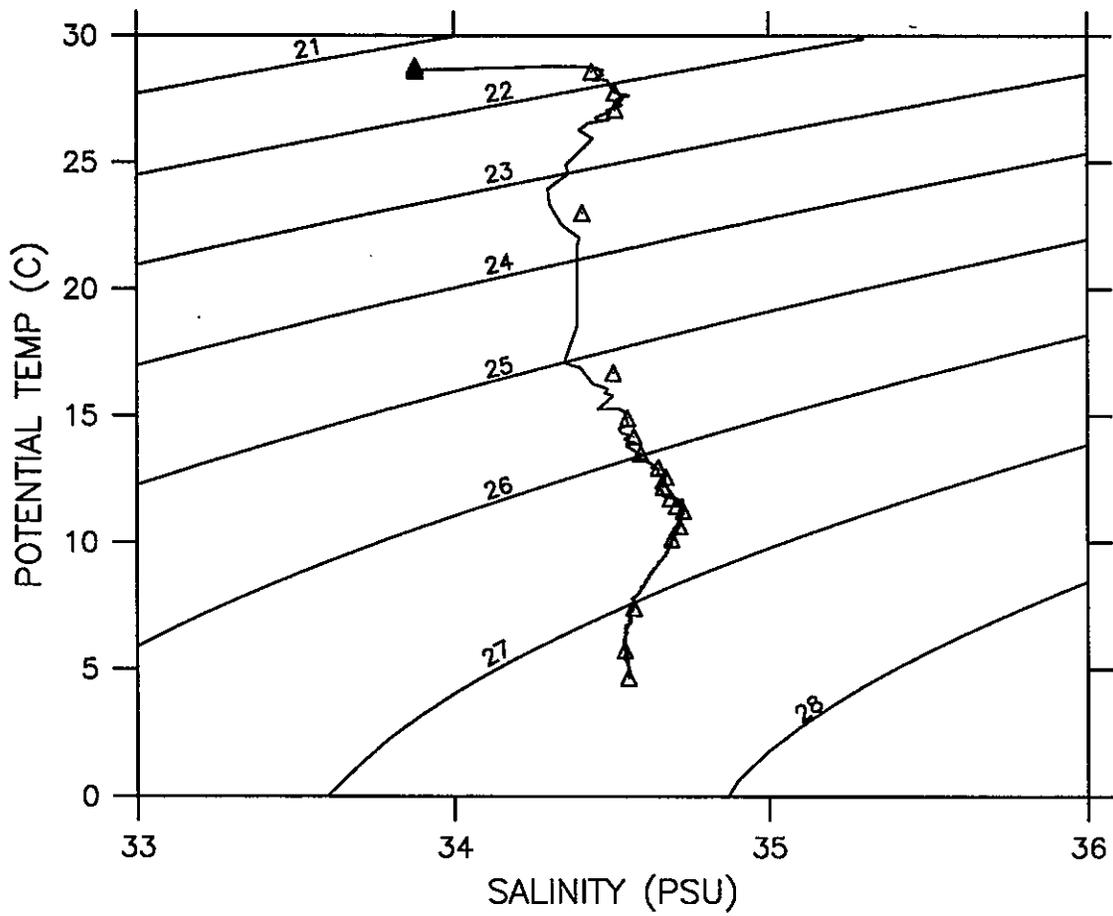




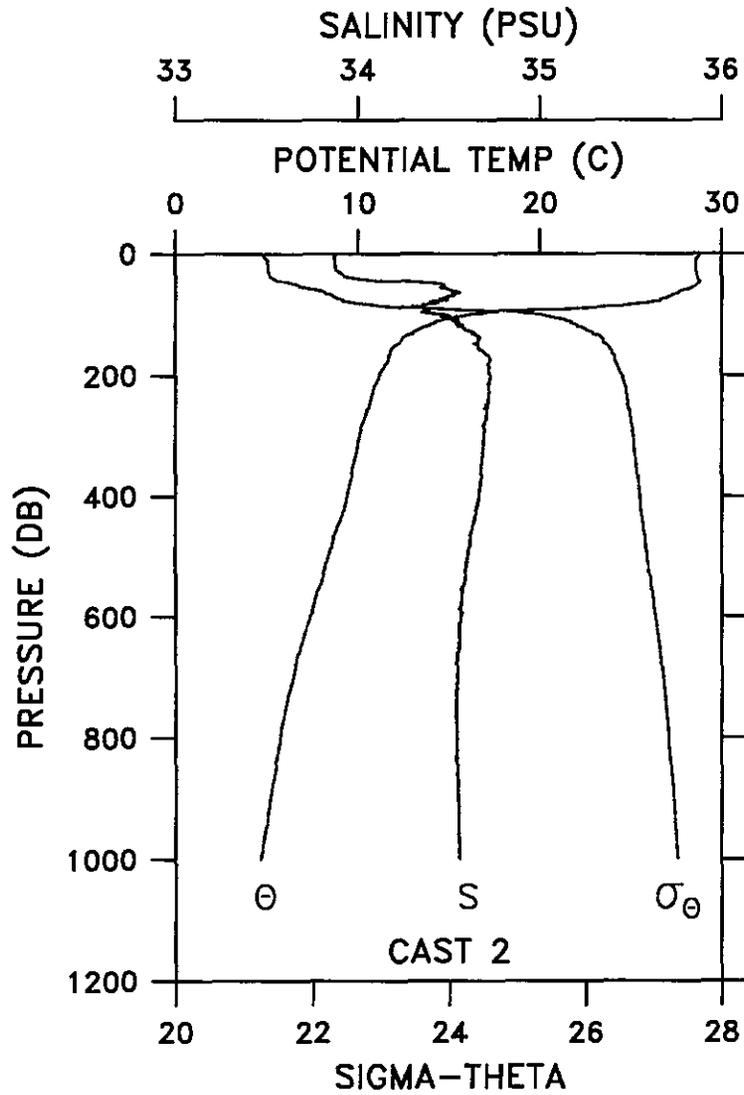
CAST EP5-92-DI -001 DATE 07 SEP 92 TIME 1936 GMT
 LAT 16 29.7N LONG 149 53.9W WEATHER 1 SEA STATE 4
 BAROMETER 11 WIND DIR 060 T SPD 18 KT VISIBILITY 7
 CLOUD AMOUNT DRY 28.0 WET 24.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.221	34.469	22.250	0.000
10	27.221	34.470	22.250	0.056
20	27.217	34.469	22.251	0.112
30	27.112	34.474	22.288	0.167
40	26.906	34.496	22.371	0.222
50	26.863	34.494	22.383	0.277
60	26.844	34.499	22.392	0.332
70	26.297	34.542	22.597	0.386
80	23.751	34.511	23.346	0.434
90	23.085	34.666	23.658	0.478
100	22.635	34.679	23.797	0.520
110	22.125	34.780	24.017	0.560
120	21.505	34.794	24.200	0.599
130	20.903	34.859	24.414	0.635
140	20.279	34.954	24.654	0.670
150	19.534	34.925	24.827	0.702
160	18.676	34.882	25.014	0.733
170	17.948	34.835	25.159	0.763
180	17.141	34.725	25.271	0.790
190	16.573	34.678	25.369	0.817
200	15.783	34.586	25.480	0.843
250	12.038	34.353	26.080	0.957
300	11.384	34.638	26.424	1.047
350	9.924	34.488	26.566	1.127
400	9.144	34.477	26.686	1.202
450	8.500	34.491	26.799	1.270
500	7.874	34.472	26.878	1.335
550	7.193	34.453	26.962	1.396
600	6.964	34.490	27.023	1.454
650	6.539	34.484	27.075	1.509
700	6.018	34.461	27.125	1.562
750	5.684	34.466	27.171	1.612
800	5.389	34.479	27.217	1.660
900	4.821	34.493	27.294	1.751
1000	4.393	34.511	27.356	1.836
1018	4.328	34.516	27.367	1.851

CAST EP5-92-DI -002 DATE 09 SEP 92 TIME 0317 GMT
LAT 10 00.4N LONG 139 59.4W

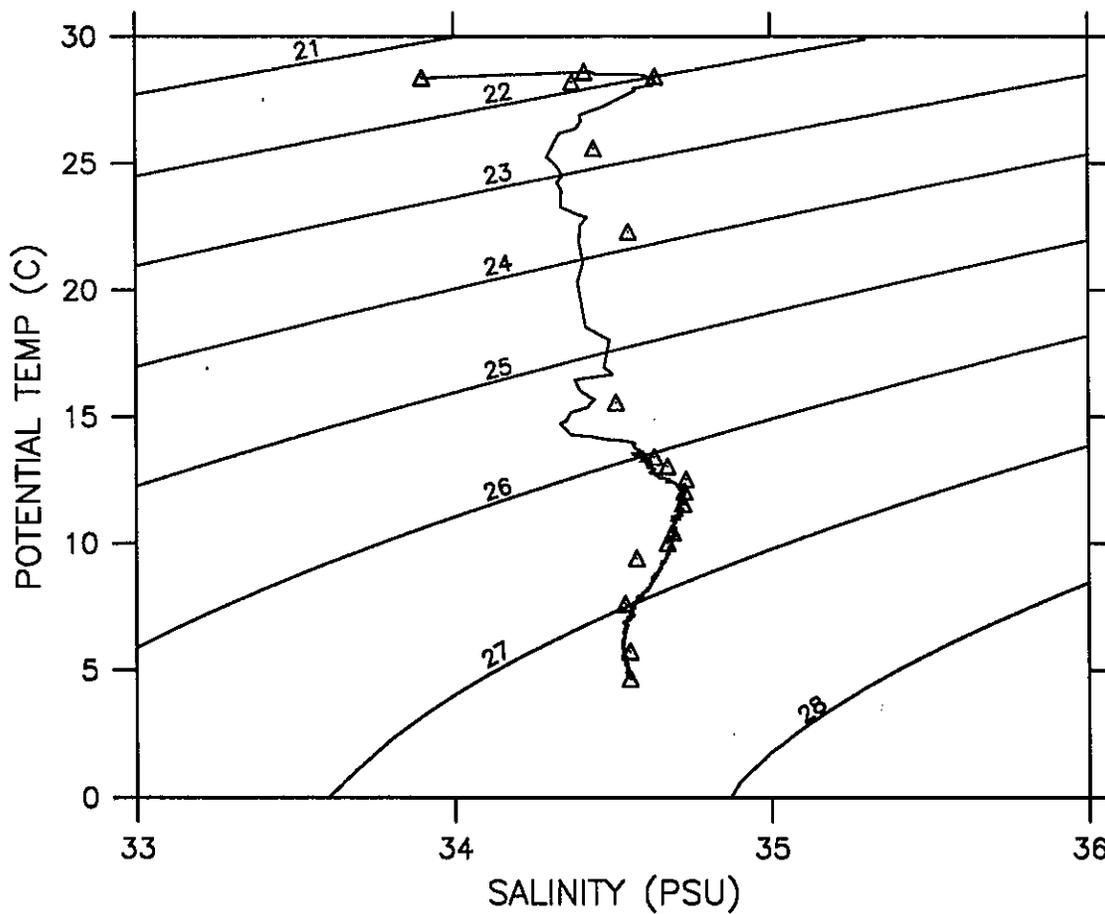


CAST EP5-92-DI --002 DATE 09 SEP 92 TIME 0317 GMT
 LAT 10 00.4N LONG 139 59.4W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 120 T SPD 07 KT VISIBILITY 7
 CLOUD AMOUNT DRY 28.6 WET 24.0 DEPTH M

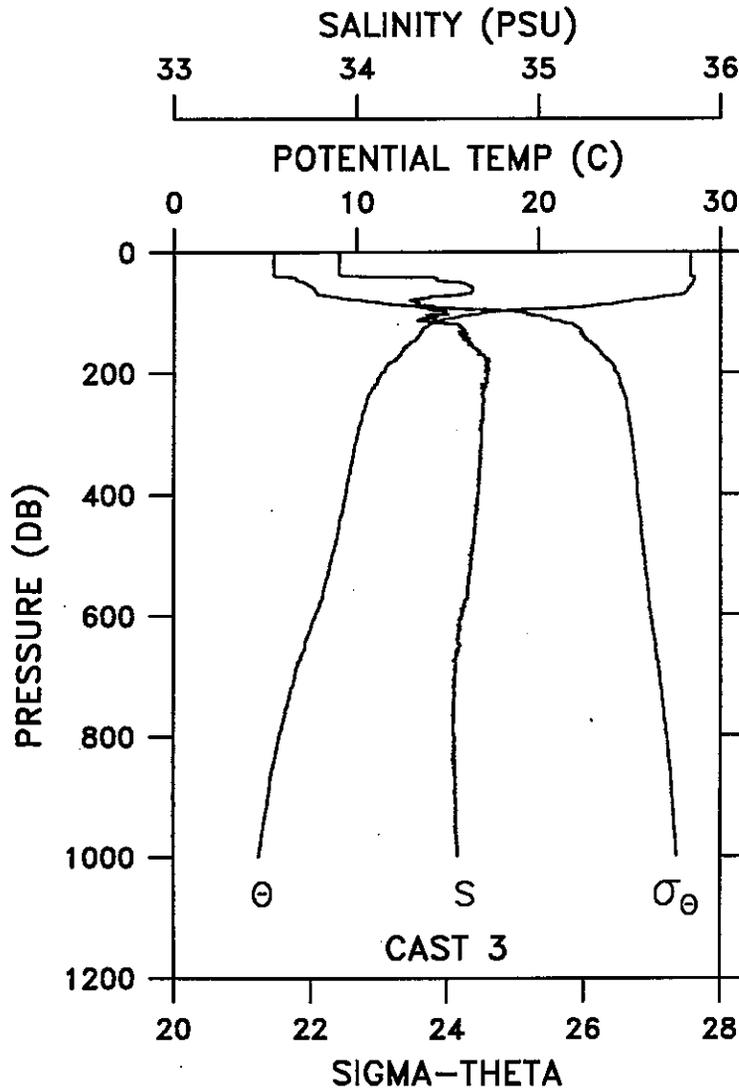


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.797	33.877	21.291	0.000
10	28.626	33.874	21.345	0.065
20	28.608	33.878	21.354	0.129
30	28.632	33.905	21.367	0.194
40	28.671	33.977	21.408	0.258
50	28.661	34.462	21.775	0.320
60	27.758	34.510	22.107	0.379
70	27.043	34.482	22.316	0.436
80	25.934	34.438	22.632	0.490
90	21.717	34.388	23.833	0.538
100	15.894	34.475	25.369	0.569
110	14.311	34.528	25.758	0.593
120	13.566	34.574	25.949	0.615
130	12.956	34.623	26.111	0.635
140	12.392	34.668	26.257	0.654
150	12.007	34.658	26.323	0.672
160	11.797	34.689	26.387	0.688
170	11.691	34.722	26.433	0.705
180	11.547	34.718	26.456	0.721
190	11.330	34.720	26.498	0.737
200	11.128	34.722	26.537	0.753
250	10.592	34.709	26.623	0.828
300	10.051	34.687	26.700	0.899
350	9.723	34.678	26.748	0.968
400	9.360	34.660	26.794	1.036
450	8.860	34.627	26.849	1.101
500	8.378	34.601	26.904	1.164
550	7.862	34.565	26.953	1.225
600	7.354	34.563	27.025	1.283
650	6.860	34.557	27.090	1.338
700	6.431	34.536	27.131	1.390
750	6.010	34.536	27.185	1.440
800	5.724	34.541	27.225	1.488
900	5.153	34.548	27.300	1.580
1000	4.665	34.559	27.364	1.665
1000	4.665	34.559	27.364	1.665

CAST EP5-92-DI -003 DATE 09 SEP 92 TIME 1244 GMT
LAT 08 57.7N LONG 140 18.2W

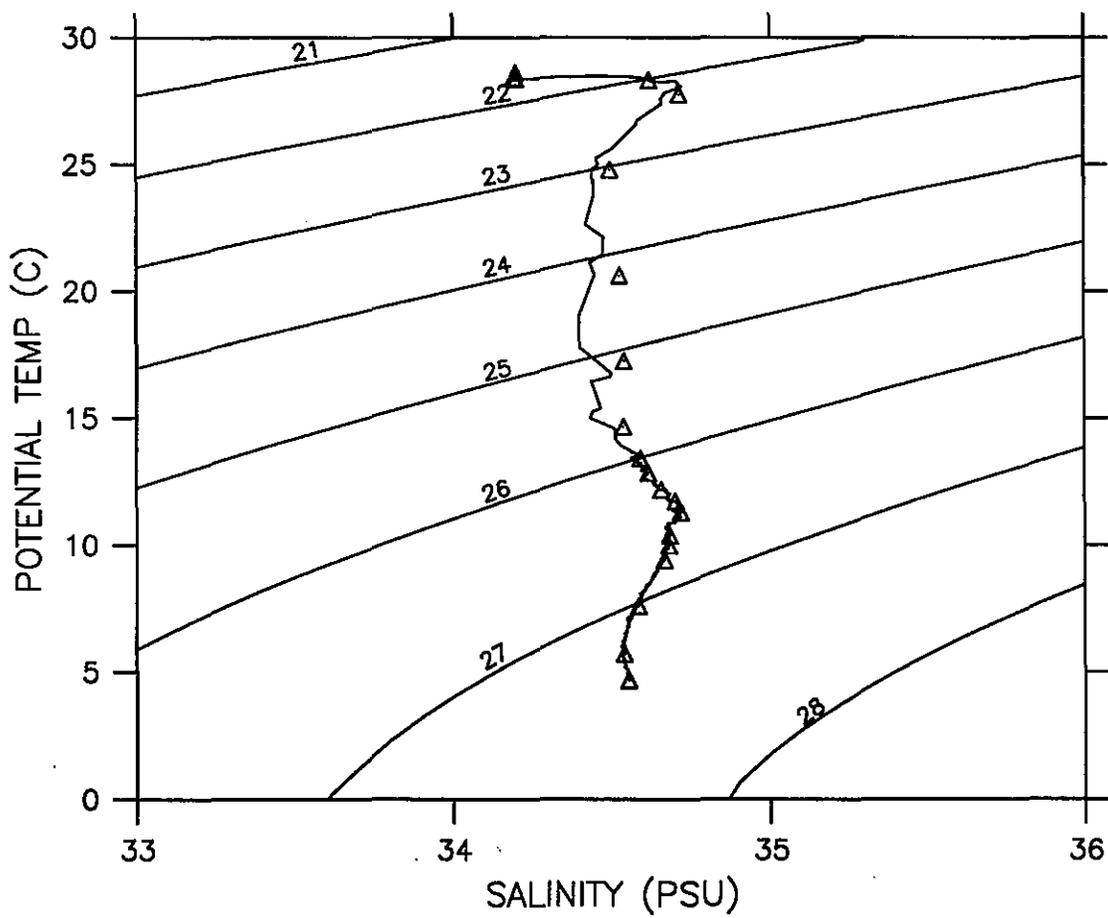


CAST EP5-92-D1-003 DATE 09 SEP 92 TIME 1244 GMT
 LAT 08 57.7N LONG 140 18.2W WEATHER 1 SEA STATE 2
 BAROMETER 09 WIND DIR 130 T SPD 05 KT VISIBILITY 7
 CLOUD AMOUNT DRY 27.8 WET 24.2 DEPTH M

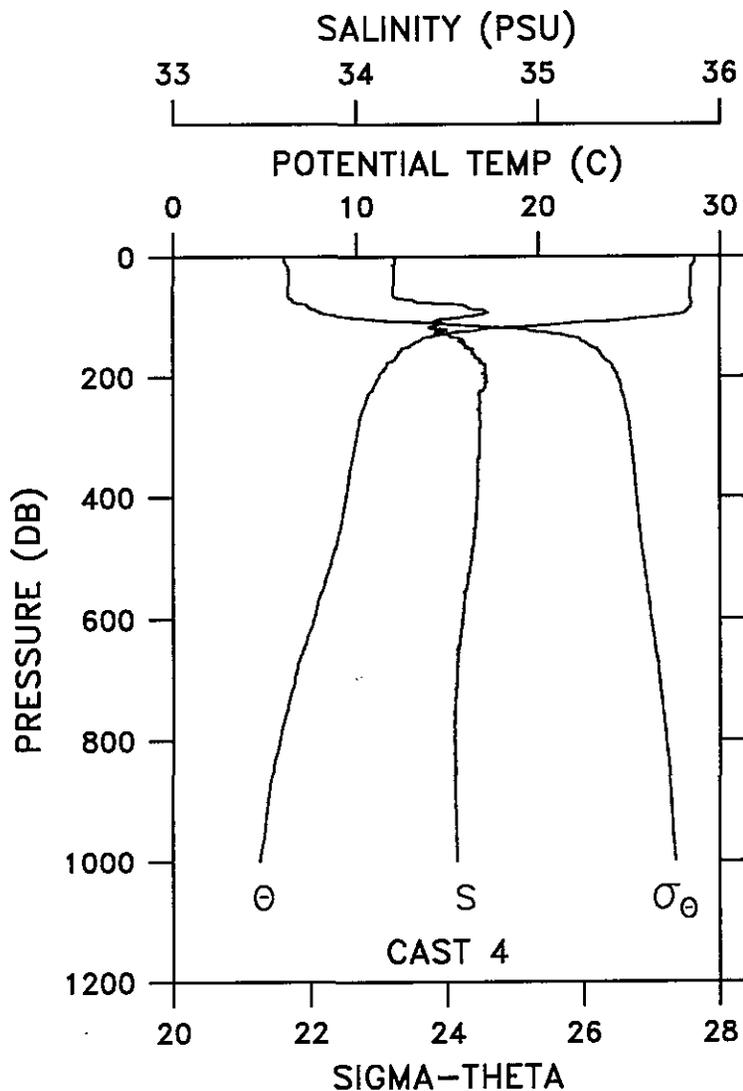


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.375	33.906	21.452	0.000
10	28.374	33.906	21.452	0.063
20	28.375	33.905	21.451	0.127
30	28.362	33.905	21.456	0.190
40	28.374	33.933	21.473	0.254
50	28.516	34.548	21.888	0.314
60	28.247	34.637	22.043	0.373
70	27.943	34.569	22.092	0.431
80	25.248	34.295	22.735	0.486
90	22.864	34.423	23.537	0.534
100	16.952	34.477	25.126	0.570
110	15.165	34.370	25.451	0.597
120	13.996	34.562	25.851	0.620
130	13.626	34.596	25.954	0.642
140	13.404	34.578	25.985	0.662
150	12.959	34.627	26.113	0.682
160	12.572	34.659	26.215	0.701
170	12.414	34.688	26.268	0.719
180	12.074	34.718	26.357	0.737
190	11.600	34.718	26.447	0.753
200	11.395	34.713	26.481	0.769
250	10.550	34.698	26.622	0.846
300	10.075	34.687	26.696	0.917
350	9.731	34.679	26.748	0.987
400	9.419	34.668	26.791	1.054
450	9.056	34.653	26.838	1.120
500	8.702	34.636	26.881	1.184
550	8.260	34.616	26.934	1.246
600	7.757	34.582	26.982	1.306
650	7.179	34.568	27.054	1.363
700	6.637	34.544	27.110	1.417
750	6.198	34.536	27.161	1.469
800	5.782	34.537	27.215	1.518
900	5.175	34.545	27.295	1.610
1000	4.673	34.559	27.363	1.695
1003	4.659	34.559	27.365	1.697

CAST EP5-92-DI -004 DATE 10 SEP 92 TIME 2154 GMT
LAT 08 00.0N LONG 140 00.0W



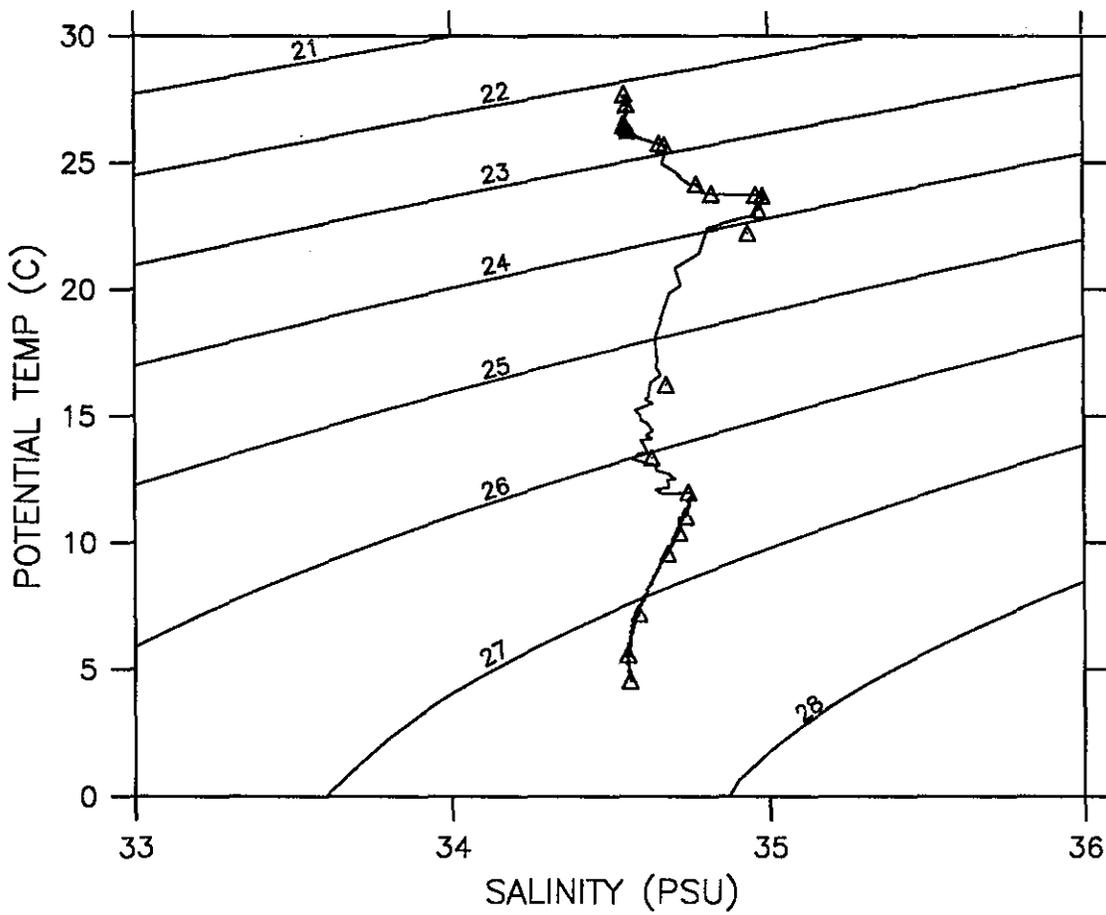
425



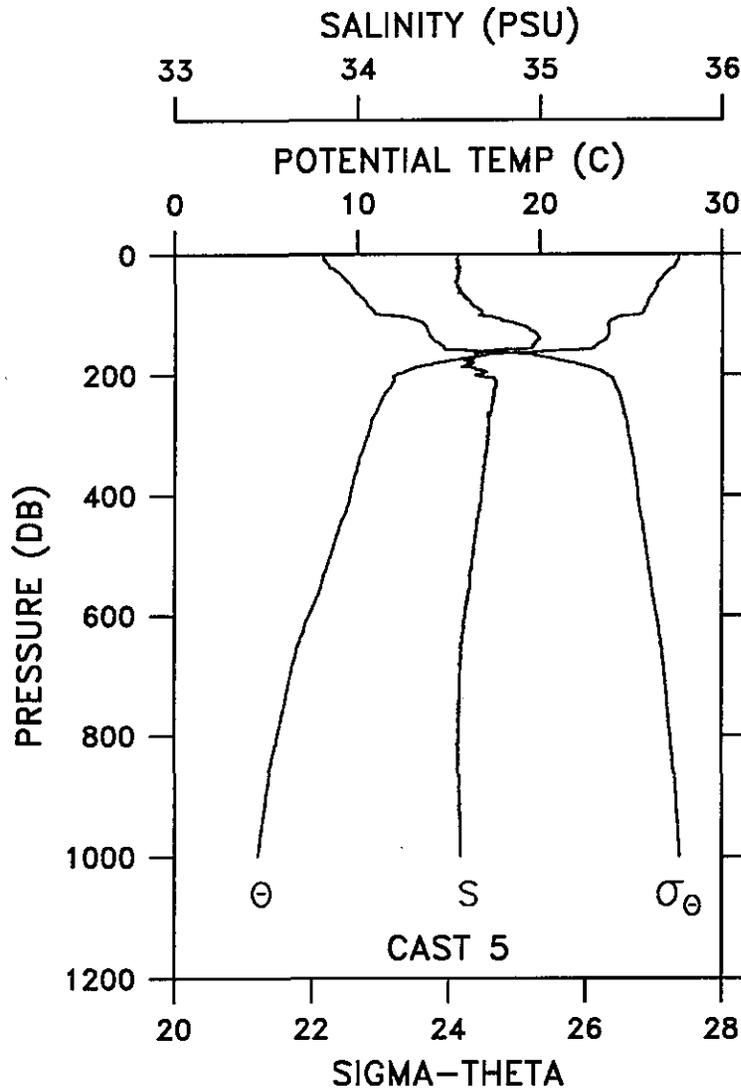
CAST EP5-92-DI-004 DATE 10 SEP 92 TIME 2154 GMT
 LAT 08 00.0N LONG 140 00.0W WEATHER 1 SEA STATE 2
 BAROMETER 11 WIND DIR 130 T SPD 08 KT VISIBILITY 7
 CLOUD AMOUNT DRY 29.9 WET 24.7 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.599	34.212	21.608	0.000
10	28.553	34.209	21.621	0.062
20	28.388	34.204	21.672	0.123
30	28.379	34.204	21.675	0.185
40	28.373	34.204	21.677	0.246
50	28.368	34.204	21.678	0.308
60	28.365	34.204	21.679	0.369
70	28.386	34.247	21.705	0.430
80	28.438	34.585	21.942	0.491
90	28.272	34.708	22.089	0.550
100	26.752	34.588	22.489	0.606
110	22.127	34.478	23.787	0.655
120	17.353	34.444	25.004	0.691
130	14.576	34.515	25.691	0.718
140	13.535	34.585	25.964	0.740
150	12.970	34.612	26.099	0.760
160	12.398	34.645	26.238	0.778
170	12.159	34.678	26.310	0.796
180	11.711	34.713	26.422	0.813
190	11.482	34.710	26.462	0.829
200	11.294	34.715	26.501	0.845
250	10.463	34.679	26.622	0.921
300	10.051	34.677	26.692	0.992
350	9.729	34.669	26.740	1.061
400	9.467	34.665	26.781	1.129
450	9.170	34.656	26.822	1.196
500	8.691	34.633	26.880	1.260
550	8.191	34.606	26.936	1.322
600	7.705	34.586	26.993	1.382
650	7.142	34.566	27.058	1.438
700	6.648	34.552	27.114	1.492
750	6.233	34.540	27.160	1.543
800	5.811	34.534	27.209	1.592
900	5.198	34.548	27.294	1.684
1000	4.735	34.556	27.354	1.770
1004	4.686	34.557	27.360	1.773

CAST EP5-92-DI -005 DATE 11 SEP 92 TIME 0918 GMT
LAT 06 00.3N LONG 140 00.0W

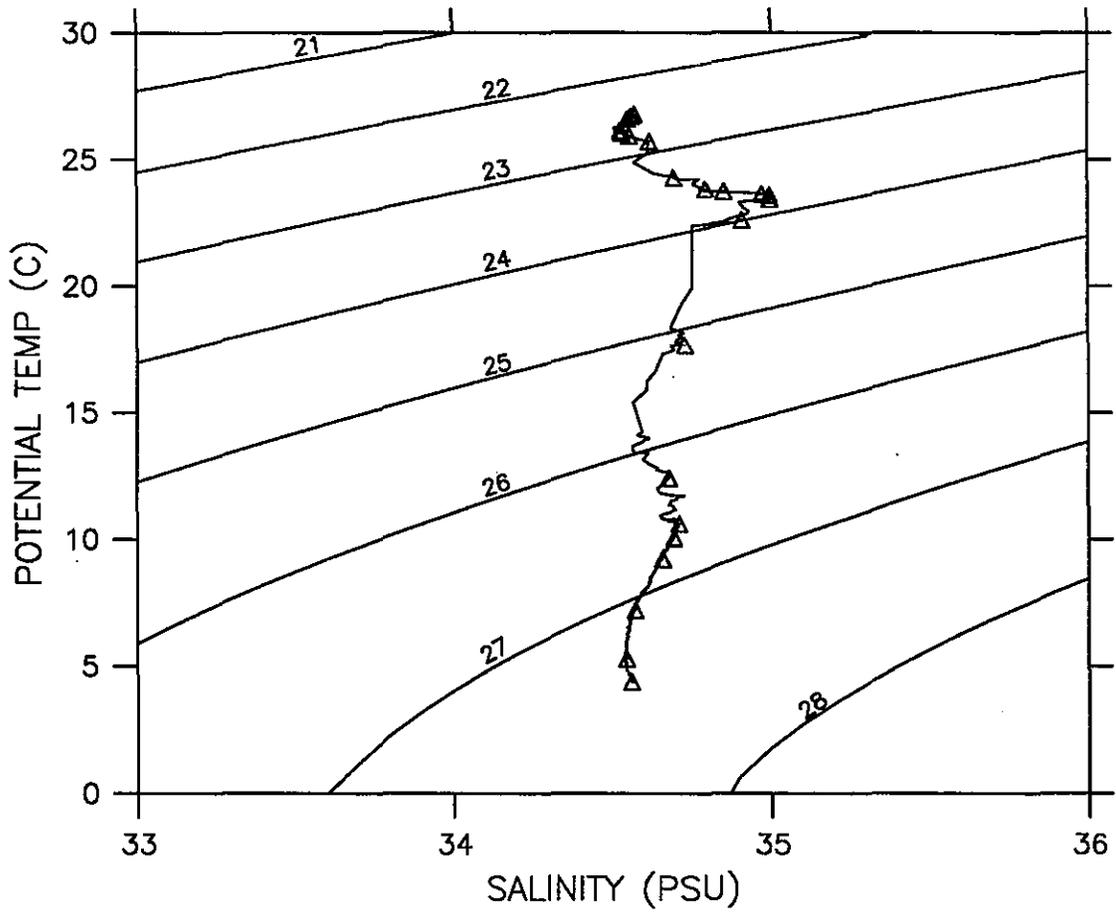


CAST EP5-92-DI -005 DATE 11 SEP 92 TIME 0918 GMT
 LAT 06 00.3N LONG 140 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 120 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 27.2 WET 23.0 DEPTH M

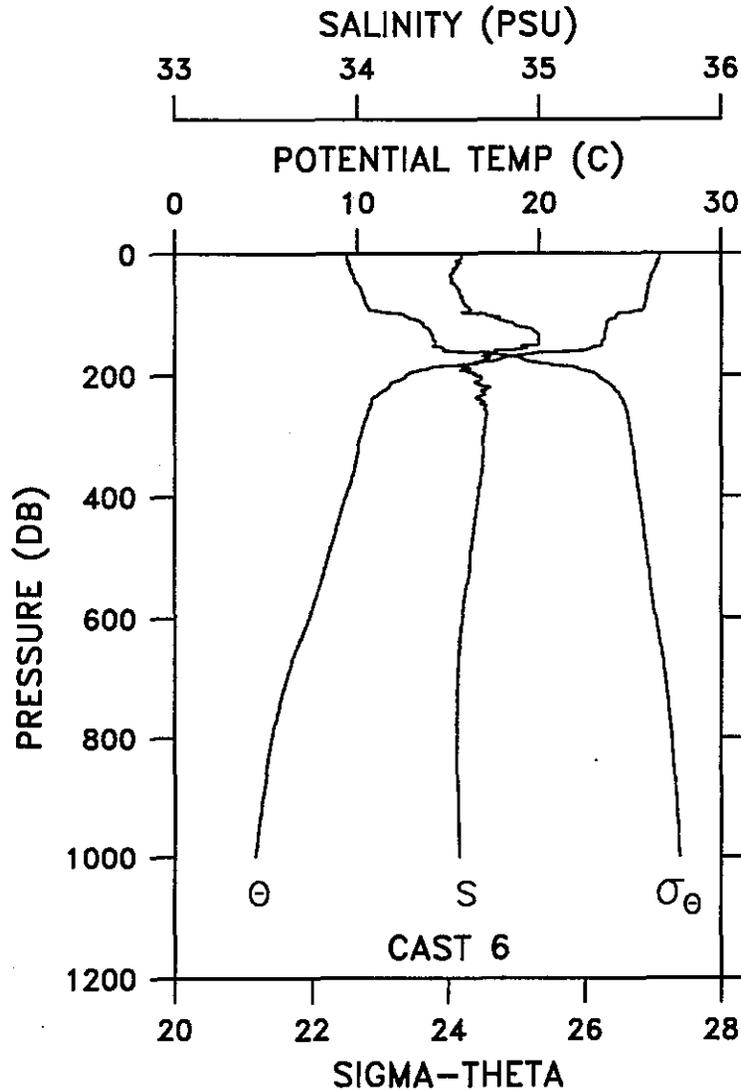


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.662	34.549	22.168	0.000
10	27.565	34.549	22.199	0.056
20	27.409	34.555	22.254	0.113
30	26.978	34.550	22.388	0.168
40	26.703	34.552	22.477	0.222
50	26.453	34.542	22.548	0.275
60	26.289	34.551	22.607	0.328
70	26.068	34.583	22.700	0.380
80	25.893	34.615	22.778	0.432
90	25.738	34.656	22.857	0.482
100	25.564	34.677	22.927	0.532
110	23.874	34.782	23.515	0.579
120	23.733	34.914	23.656	0.622
130	23.737	34.971	23.698	0.664
140	23.637	34.997	23.747	0.707
150	23.140	34.965	23.868	0.748
160	20.844	34.704	24.313	0.788
170	16.573	34.655	25.351	0.819
180	14.418	34.631	25.815	0.843
190	12.980	34.642	26.121	0.864
200	12.084	34.642	26.296	0.882
250	11.178	34.734	26.537	0.963
300	10.579	34.718	26.632	1.039
350	10.009	34.695	26.713	1.110
400	9.594	34.678	26.770	1.179
450	9.034	34.652	26.841	1.246
500	8.530	34.632	26.905	1.309
550	7.998	34.614	26.972	1.369
600	7.344	34.588	27.047	1.427
650	6.742	34.564	27.111	1.480
700	6.327	34.563	27.166	1.531
750	5.989	34.556	27.204	1.580
800	5.629	34.556	27.249	1.627
900	4.983	34.558	27.327	1.716
1000	4.551	34.565	27.382	1.798
1004	4.526	34.565	27.384	1.801

CAST EP5-92-DI -006 DATE 11 SEP 92 TIME 1542 GMT
LAT 05 00.4N LONG 140 03.3W

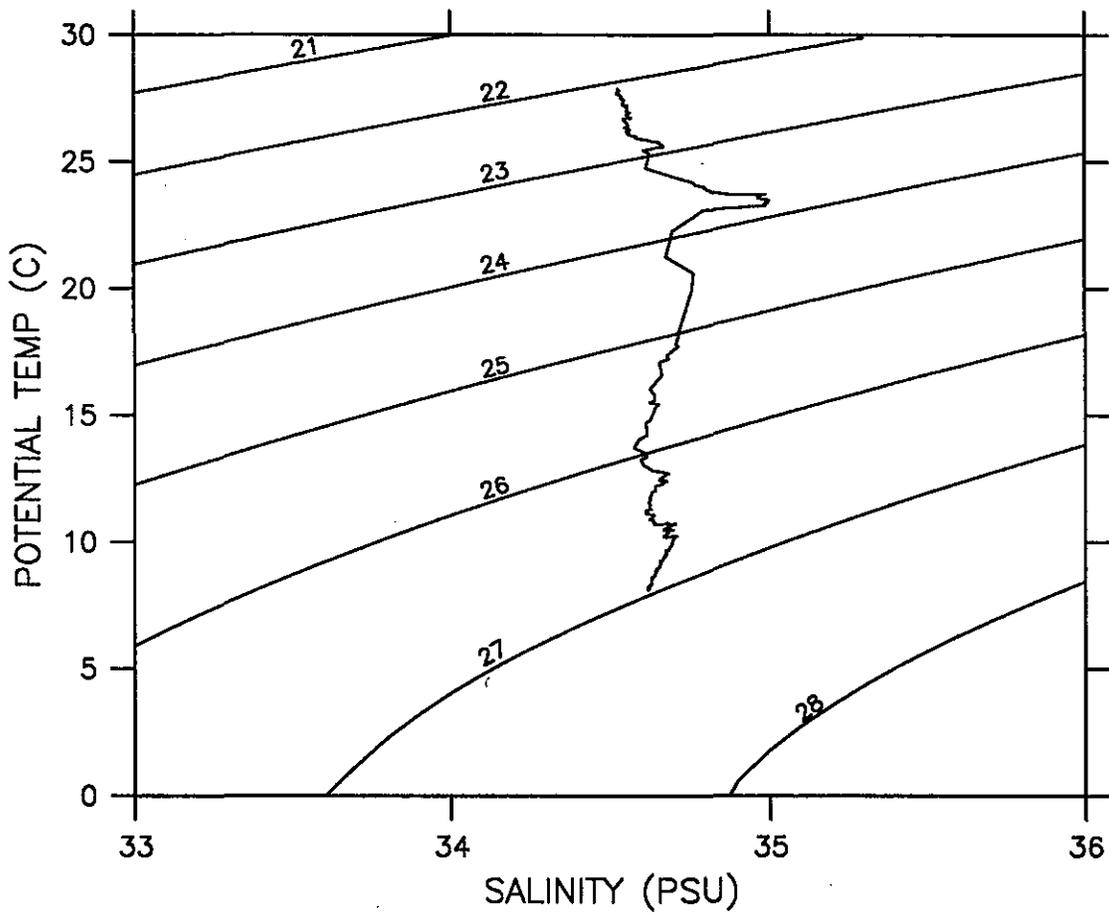


CAST EP5-92-DI-006 DATE 11 SEP 92 TIME 1542 GMT
 LAT 05 00.4N LONG 140 03.3W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 105 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 27.0 WET 22.7 DEPTH M

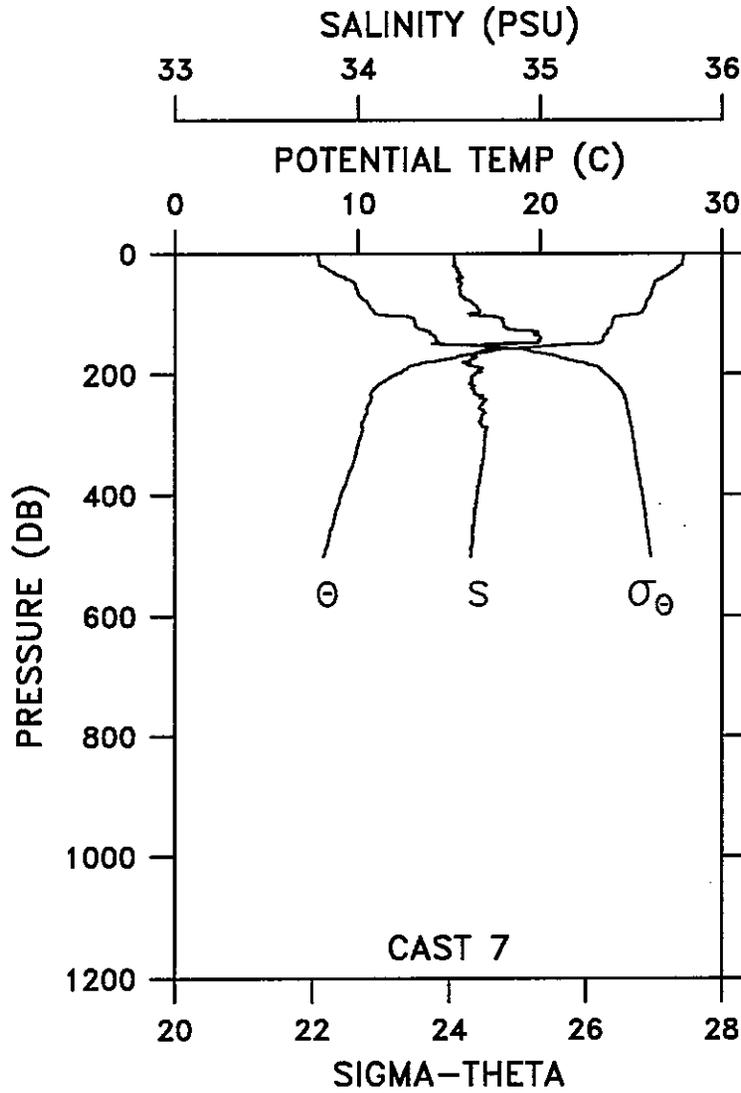


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.635	34.574	22.515	0.000
10	26.595	34.567	22.523	0.053
20	26.440	34.551	22.559	0.106
30	26.321	34.530	22.581	0.159
40	26.163	34.517	22.620	0.212
50	26.044	34.534	22.670	0.264
60	25.948	34.557	22.718	0.315
70	25.878	34.573	22.751	0.367
80	25.831	34.580	22.771	0.418
90	25.737	34.613	22.825	0.469
100	24.259	34.703	23.342	0.518
110	23.764	34.794	23.556	0.563
120	23.688	34.890	23.651	0.606
130	23.609	34.984	23.746	0.648
140	23.556	34.998	23.772	0.690
150	23.427	34.997	23.809	0.732
160	22.364	34.754	23.930	0.772
170	18.154	34.731	25.030	0.806
180	16.595	34.639	25.334	0.835
190	13.861	34.601	25.909	0.858
200	12.695	34.656	26.188	0.878
250	10.743	34.706	26.594	0.961
300	10.217	34.699	26.680	1.033
350	9.855	34.686	26.732	1.103
400	9.363	34.662	26.795	1.171
450	8.864	34.642	26.860	1.236
500	8.387	34.621	26.918	1.298
550	7.905	34.597	26.972	1.358
600	7.331	34.575	27.038	1.416
650	6.664	34.560	27.119	1.470
700	6.124	34.550	27.182	1.520
750	5.698	34.549	27.235	1.568
800	5.322	34.547	27.279	1.613
900	4.806	34.552	27.343	1.699
1000	4.403	34.562	27.395	1.779
1006	4.381	34.565	27.400	1.784

CAST EP5-92-DI -007 DATE 12 SEP 92 TIME 0749 GMT
LAT 05 00.2N LONG 140 03.4W

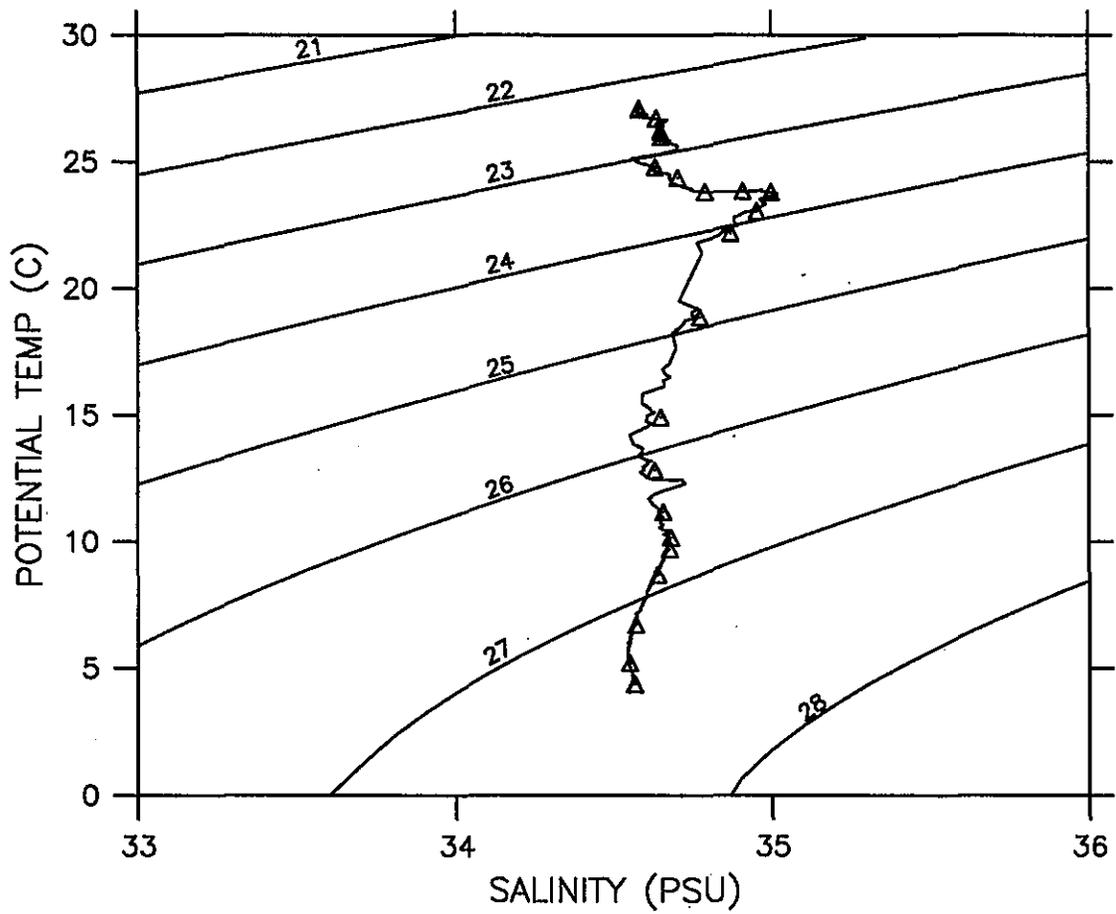


CAST EP5-92-DI-007 DATE 12 SEP 92 TIME 0749 GMT
 LAT 05 00.2N LONG 140 03.4W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 120 T SPD 07 KT VISIBILITY 7
 CLOUD AMOUNT DRY 27.5 WET 23.5 DEPTH M

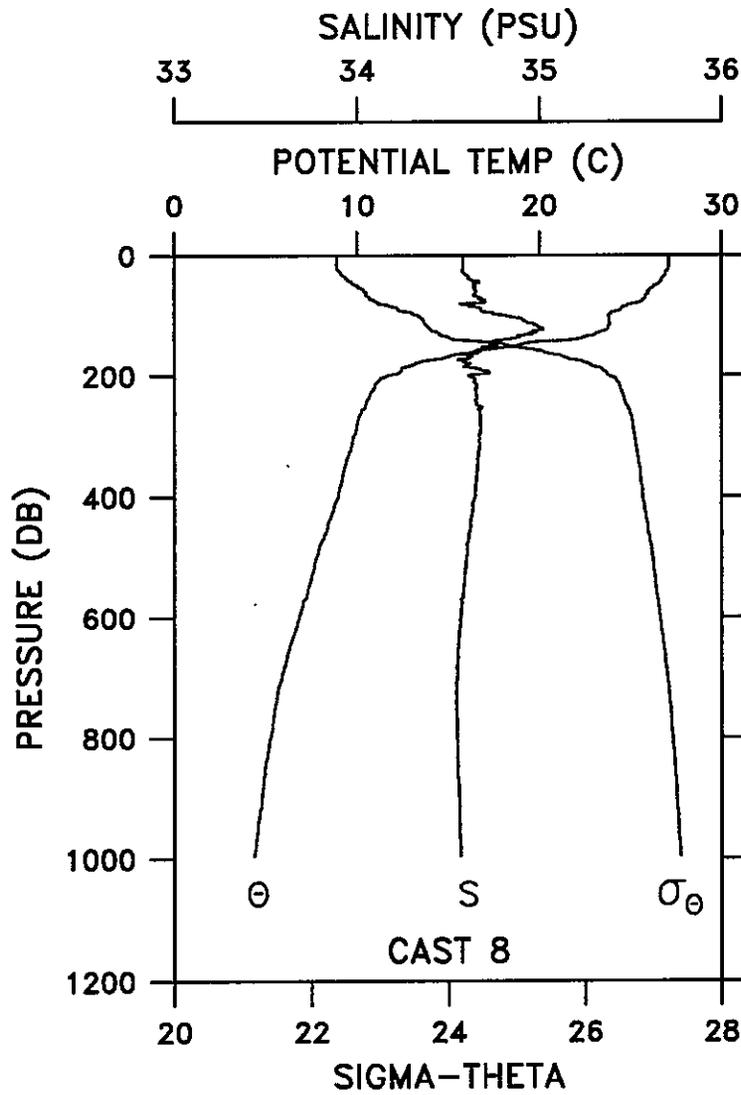


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.874	34.525	22.081	0.000
10	27.860	34.526	22.086	0.057
20	27.686	34.521	22.139	0.115
30	27.257	34.540	22.292	0.171
40	26.726	34.567	22.481	0.225
50	26.280	34.564	22.619	0.278
60	26.157	34.558	22.653	0.331
70	26.056	34.565	22.690	0.383
80	25.845	34.620	22.797	0.434
90	25.773	34.649	22.841	0.485
100	25.446	34.606	22.910	0.535
110	24.000	34.792	23.485	0.581
120	23.948	34.798	23.505	0.625
130	23.711	34.985	23.717	0.669
140	23.479	35.000	23.796	0.711
150	22.274	34.695	23.911	0.752
160	17.539	34.692	25.150	0.785
170	15.514	34.621	25.567	0.812
180	13.722	34.573	25.916	0.835
190	12.713	34.682	26.205	0.855
200	12.117	34.639	26.287	0.873
250	10.580	34.682	26.604	0.952
300	10.179	34.700	26.688	1.025
350	9.715	34.682	26.753	1.094
400	9.064	34.652	26.836	1.160
450	8.634	34.635	26.891	1.223
500	8.146	34.618	26.953	1.284
502	8.115	34.618	26.957	1.286

CAST EP5-92-DI -008 DATE 12 SEP 92 TIME 1404 GMT
LAT 03 58.3N LONG 140 00.4W



CAST EP5-92-DI-008 DATE 12 SEP 92 TIME 1404 GMT
 LAT 03 58.3N LONG 140 00.4W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 130 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.5 WET 22.5 DEPTH M

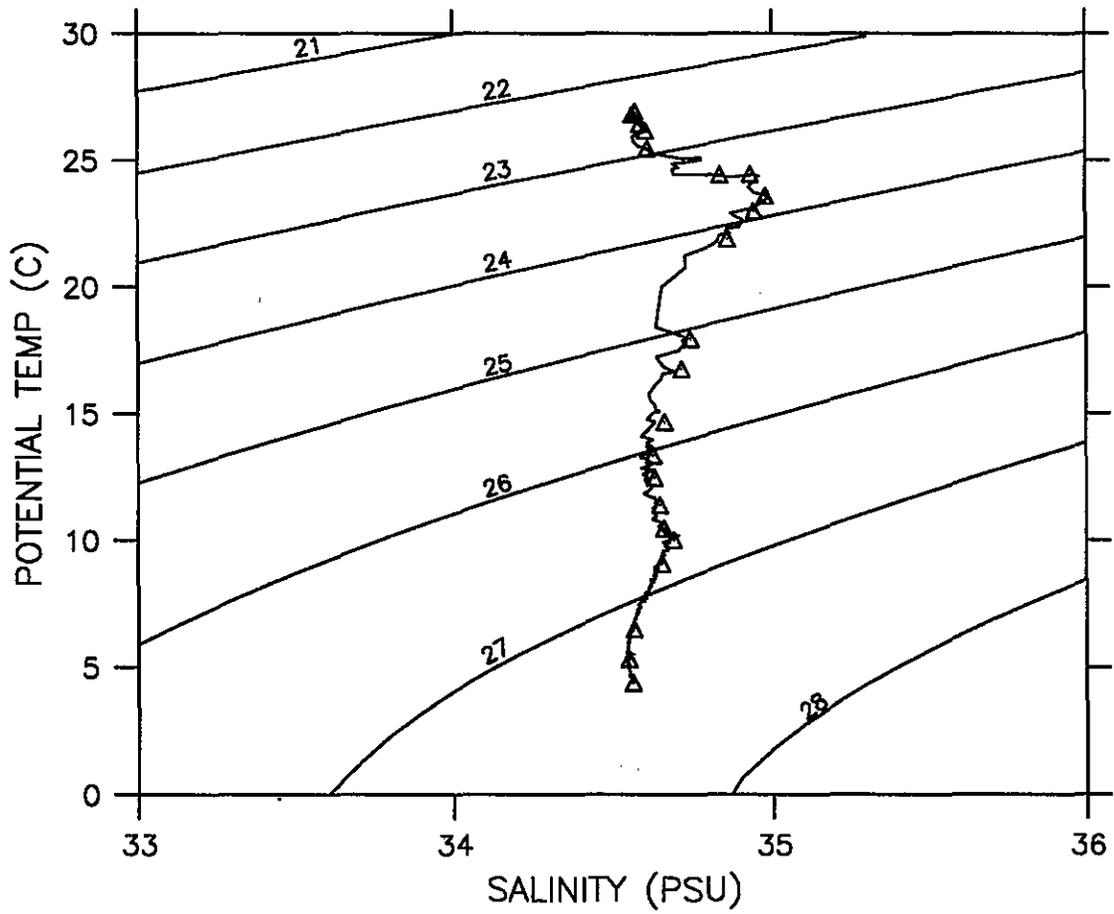


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.100	34.580	22.372	0.000
10	27.101	34.579	22.371	0.055
20	27.099	34.579	22.371	0.109
30	26.920	34.587	22.435	0.164
40	26.719	34.622	22.525	0.217
50	26.308	34.640	22.668	0.270
60	25.998	34.646	22.769	0.322
70	25.820	34.666	22.839	0.372
80	25.322	34.655	22.985	0.422
90	24.473	34.680	23.261	0.470
100	23.804	34.810	23.557	0.515
110	23.810	34.921	23.639	0.558
120	23.784	34.998	23.705	0.601
130	23.108	34.943	23.860	0.643
140	22.086	34.834	24.069	0.683
150	18.856	34.767	24.881	0.717
160	16.495	34.679	25.388	0.746
170	14.869	34.607	25.699	0.771
180	13.188	34.620	26.062	0.792
190	12.443	34.669	26.248	0.811
200	11.698	34.612	26.346	0.829
250	10.456	34.664	26.611	0.907
300	9.812	34.671	26.728	0.977
350	9.331	34.658	26.797	1.044
400	8.961	34.646	26.848	1.109
450	8.388	34.623	26.920	1.171
500	7.764	34.599	26.994	1.230
550	7.338	34.584	27.044	1.287
600	6.823	34.569	27.104	1.340
650	6.321	34.555	27.160	1.391
700	5.874	34.548	27.212	1.440
750	5.507	34.545	27.255	1.486
800	5.235	34.545	27.288	1.531
900	4.797	34.558	27.348	1.615
996	4.369	34.568	27.404	1.692

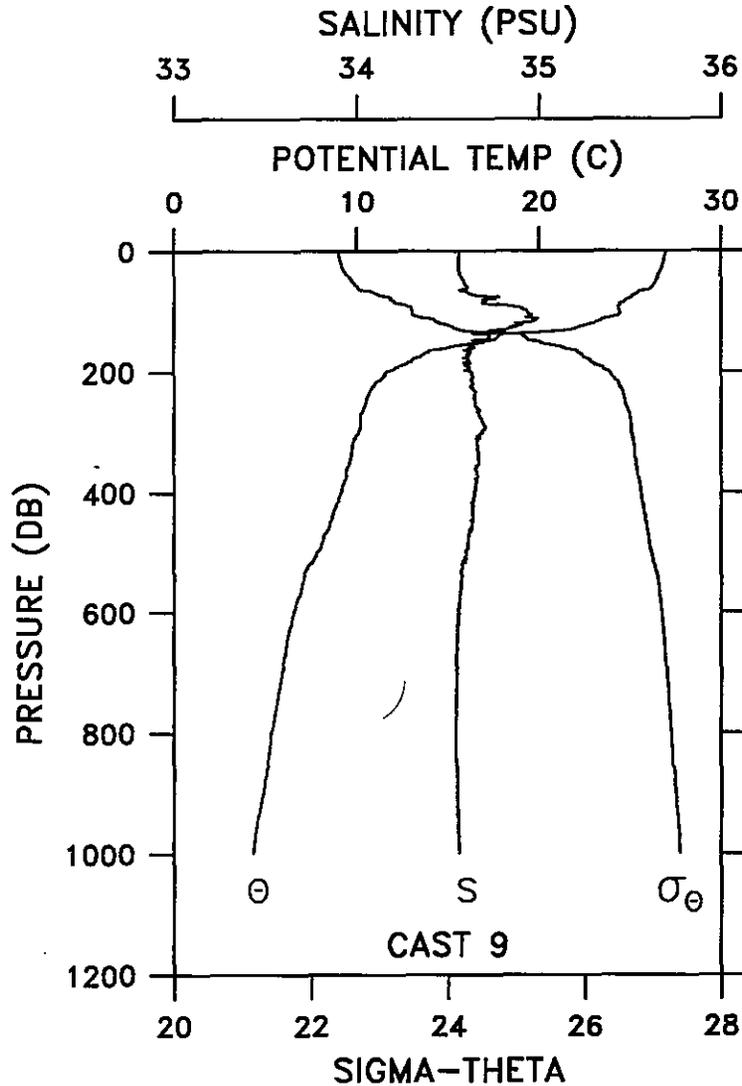
433

CAST EP5-92-DI -009 DATE 12 SEP 92 TIME 1953 GMT

LAT 02 59.4N LONG 140 07.2W

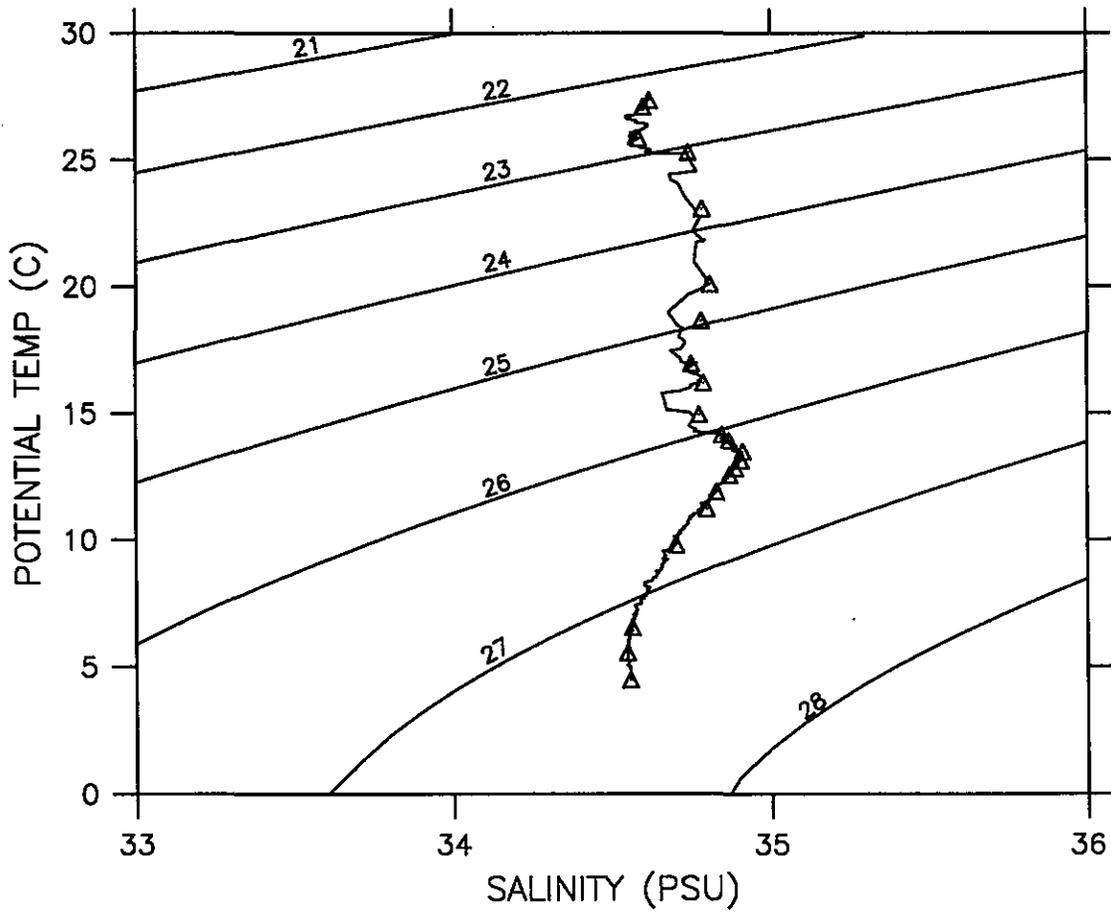


CAST EP5-92-DI -009 DATE 12 SEP 92 TIME 1953 GMT
 LAT 02 59.4N LONG 140 07.2W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 115 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 29.0 WET 23.0 DEPTH M

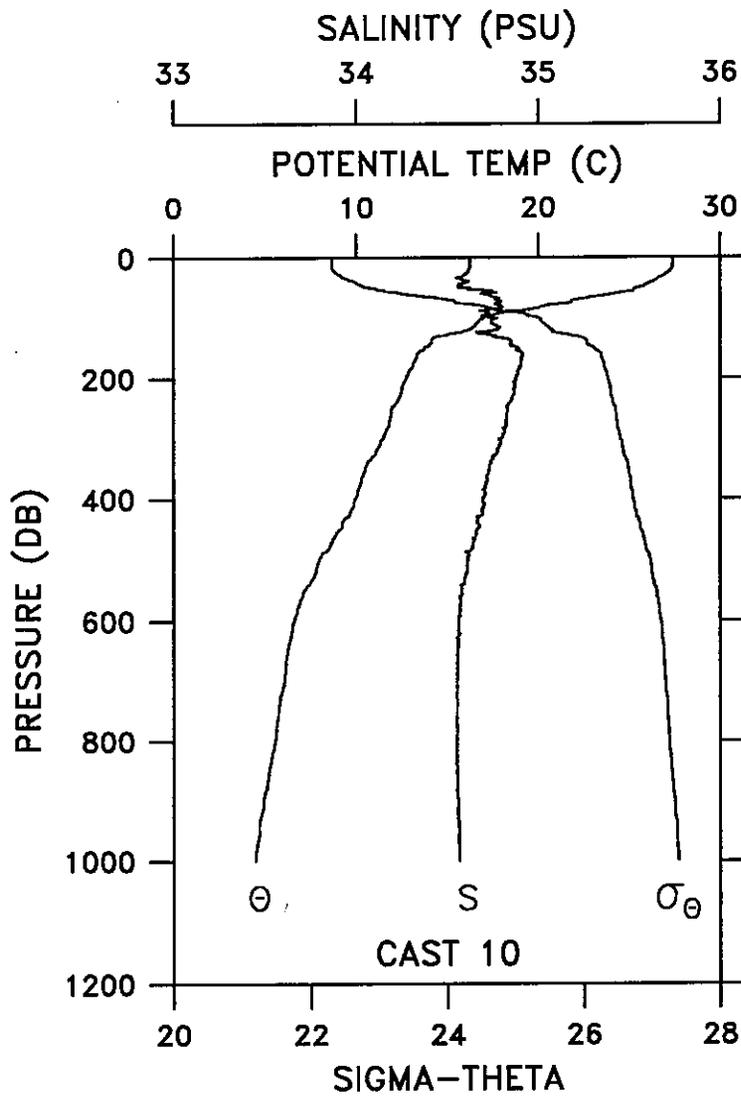


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.969	34.563	22.401	0.000
10	26.918	34.561	22.416	0.054
20	26.842	34.560	22.439	0.108
30	26.736	34.563	22.475	0.162
40	26.573	34.568	22.530	0.216
50	26.386	34.584	22.601	0.269
60	26.201	34.605	22.675	0.321
70	25.386	34.613	22.933	0.372
80	24.861	34.689	23.151	0.420
90	24.423	34.818	23.379	0.467
100	24.421	34.934	23.468	0.511
110	23.926	34.928	23.610	0.556
120	22.746	34.889	23.924	0.597
130	21.647	34.812	24.174	0.636
140	17.837	34.728	25.105	0.669
150	16.702	34.681	25.341	0.697
160	15.025	34.625	25.679	0.722
170	13.699	34.622	25.959	0.744
180	13.073	34.614	26.080	0.765
190	12.402	34.599	26.201	0.784
200	11.644	34.629	26.369	0.802
250	10.490	34.648	26.593	0.880
300	10.092	34.688	26.693	0.952
350	9.626	34.670	26.758	1.021
400	9.113	34.645	26.823	1.088
450	8.545	34.633	26.903	1.151
500	7.826	34.601	26.987	1.211
550	7.030	34.570	27.076	1.266
600	6.553	34.559	27.133	1.318
650	6.188	34.550	27.173	1.368
700	5.895	34.546	27.208	1.417
750	5.644	34.543	27.237	1.463
800	5.329	34.545	27.276	1.509
900	4.869	34.549	27.333	1.596
1000	4.376	34.561	27.398	1.676
1004	4.370	34.561	27.398	1.679

CAST EP5-92-DI -010 DATE 13 SEP 92 TIME 0755 GMT
LAT 01 59.6N LONG 140 00.3W



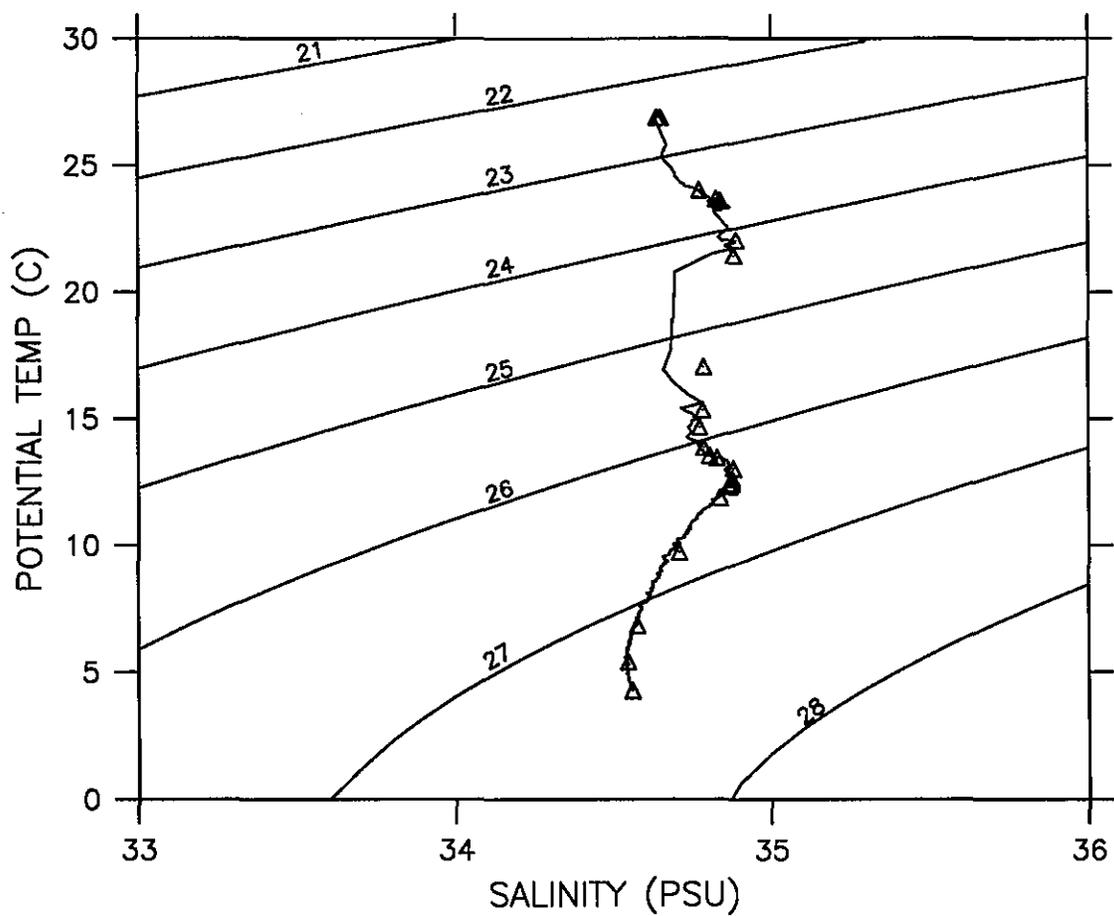
437



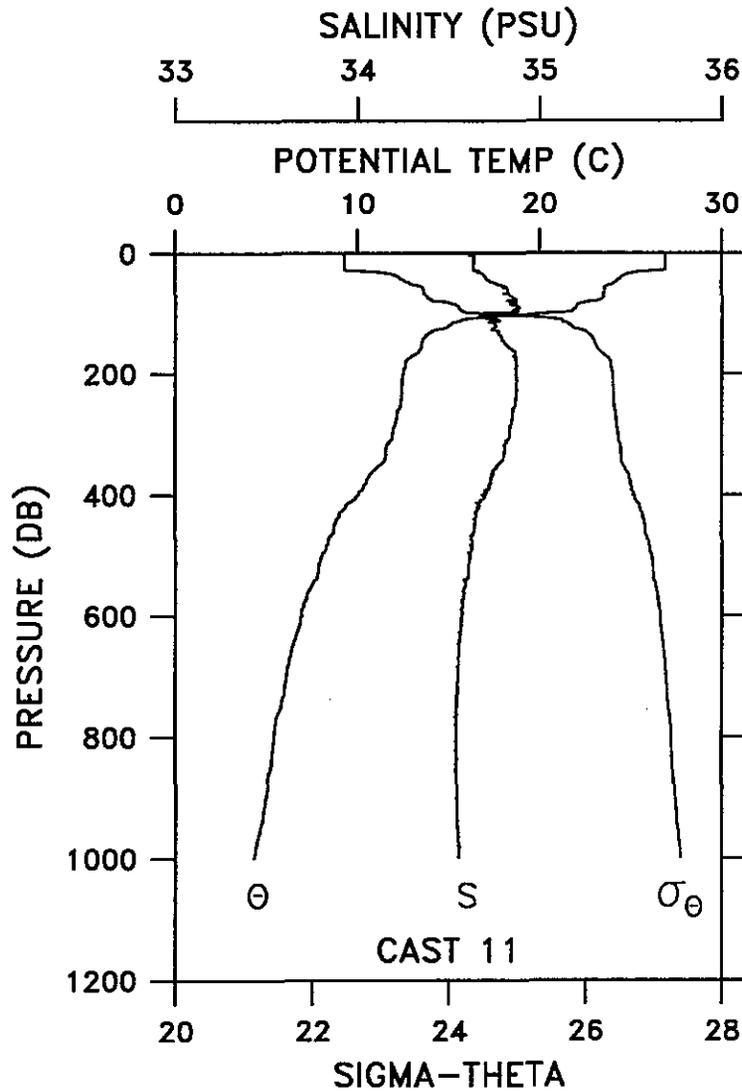
CAST EP5-92-DI -010 DATE 13 SEP 92 TIME 0755 GMT
 LAT 01 59.6N LONG 140 00.3W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 110 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.0 WET 22.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.390	34.623	22.311	0.000
10	27.397	34.624	22.310	0.055
20	27.314	34.615	22.330	0.110
30	26.910	34.584	22.435	0.165
40	26.294	34.613	22.652	0.218
50	25.415	34.619	22.929	0.269
60	24.194	34.690	23.351	0.317
70	22.014	34.771	24.041	0.359
80	20.348	34.796	24.515	0.396
90	18.325	34.724	24.982	0.429
100	16.995	34.771	25.341	0.457
110	16.565	34.754	25.429	0.483
120	16.095	34.751	25.536	0.509
130	14.482	34.744	25.888	0.532
140	14.124	34.852	26.047	0.552
150	13.732	34.891	26.159	0.572
160	13.338	34.913	26.257	0.590
170	13.228	34.908	26.276	0.608
180	13.099	34.902	26.297	0.626
190	12.855	34.888	26.335	0.644
200	12.725	34.874	26.350	0.661
250	11.953	34.830	26.466	0.745
300	11.477	34.805	26.536	0.825
350	10.512	34.732	26.655	0.900
400	9.935	34.694	26.725	0.972
450	9.072	34.662	26.843	1.040
500	7.953	34.612	26.977	1.101
550	7.127	34.577	27.069	1.158
600	6.584	34.562	27.131	1.210
650	6.235	34.556	27.172	1.260
700	6.041	34.553	27.195	1.309
750	5.743	34.552	27.231	1.356
800	5.546	34.550	27.254	1.402
900	4.914	34.558	27.335	1.490
1000	4.479	34.565	27.390	1.571
1004	4.476	34.565	27.390	1.574

CAST EP5-92-DI -011 DATE 13 SEP 92 TIME 1434 GMT
LAT 01 00.0N LONG 139 59.8W

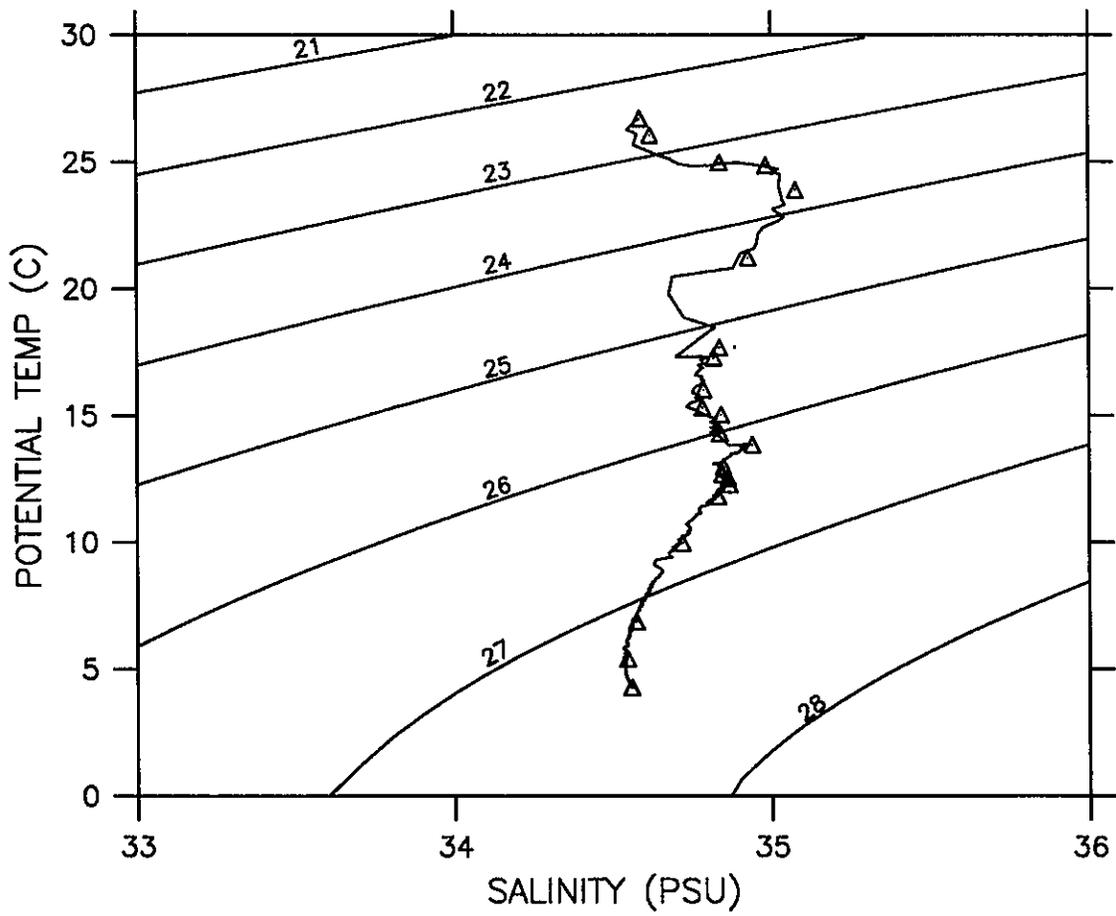


CAST EP5-92-DI -011 DATE 13 SEP 92 TIME 1434 GMT
 LAT 01 00.0N LONG 139 59.8W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 085 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.1 WET 21.4 DEPTH M

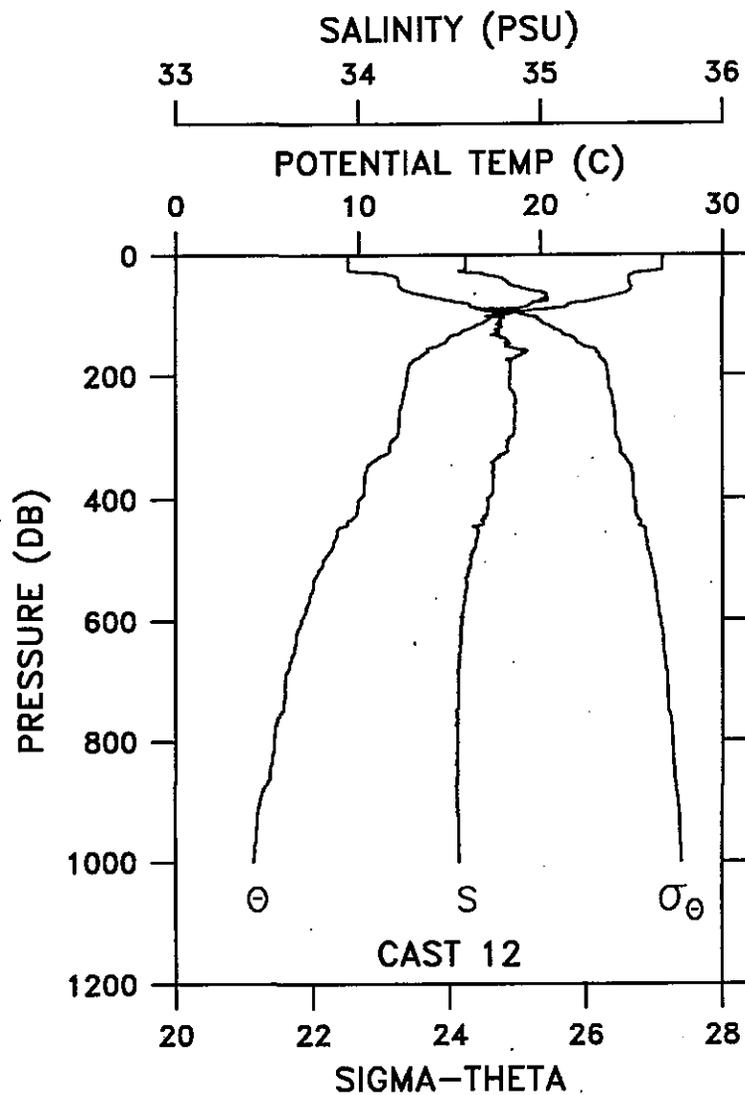


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.904	34.637	22.477	0.000
10	26.910	34.637	22.476	0.054
20	26.910	34.637	22.475	0.107
30	25.804	34.670	22.847	0.161
40	24.465	34.705	23.282	0.208
50	24.076	34.759	23.438	0.253
60	23.591	34.823	23.629	0.297
70	23.523	34.836	23.659	0.339
80	22.854	34.842	23.857	0.381
90	21.984	34.884	24.135	0.420
100	20.187	34.693	24.480	0.458
110	15.743	34.765	25.627	0.486
120	15.008	34.756	25.783	0.509
130	14.048	34.766	25.997	0.531
140	13.643	34.789	26.099	0.551
150	13.502	34.808	26.143	0.570
160	13.424	34.844	26.186	0.589
170	13.008	34.854	26.279	0.607
180	12.626	34.872	26.368	0.624
190	12.592	34.871	26.374	0.641
200	12.484	34.870	26.395	0.658
250	12.348	34.866	26.418	0.742
300	11.905	34.831	26.476	0.824
350	11.258	34.775	26.553	0.904
400	10.049	34.686	26.699	0.978
450	8.748	34.643	26.879	1.044
500	8.019	34.614	26.968	1.105
550	7.464	34.587	27.029	1.162
600	6.900	34.569	27.094	1.216
650	6.416	34.553	27.146	1.268
700	6.087	34.549	27.186	1.318
750	5.796	34.543	27.218	1.366
800	5.425	34.540	27.261	1.412
900	4.947	34.539	27.316	1.500
1000	4.305	34.557	27.402	1.582
1004	4.310	34.520	27.372	1.585

CAST EP5-92-DI -012 DATE 13 SEP 92 TIME 1840 GMT
LAT 00 29.7N LONG 140 00.1W

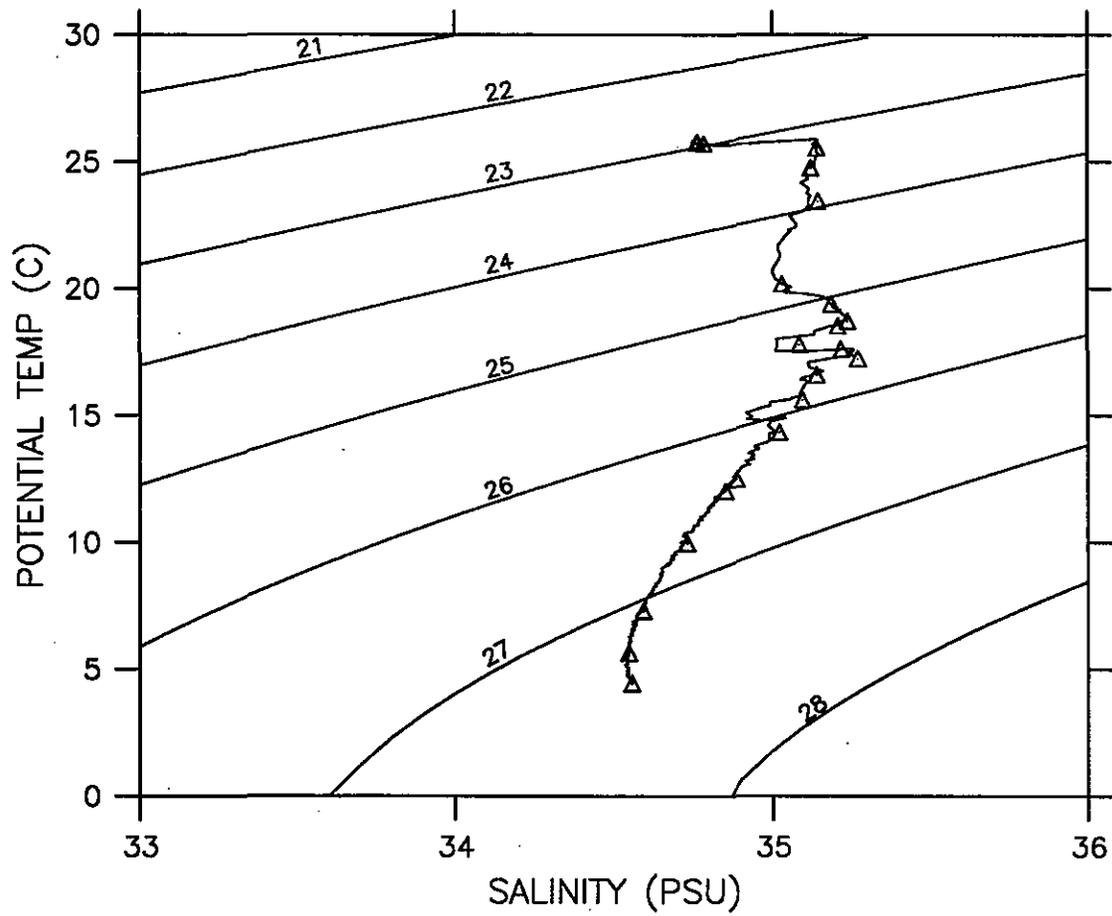


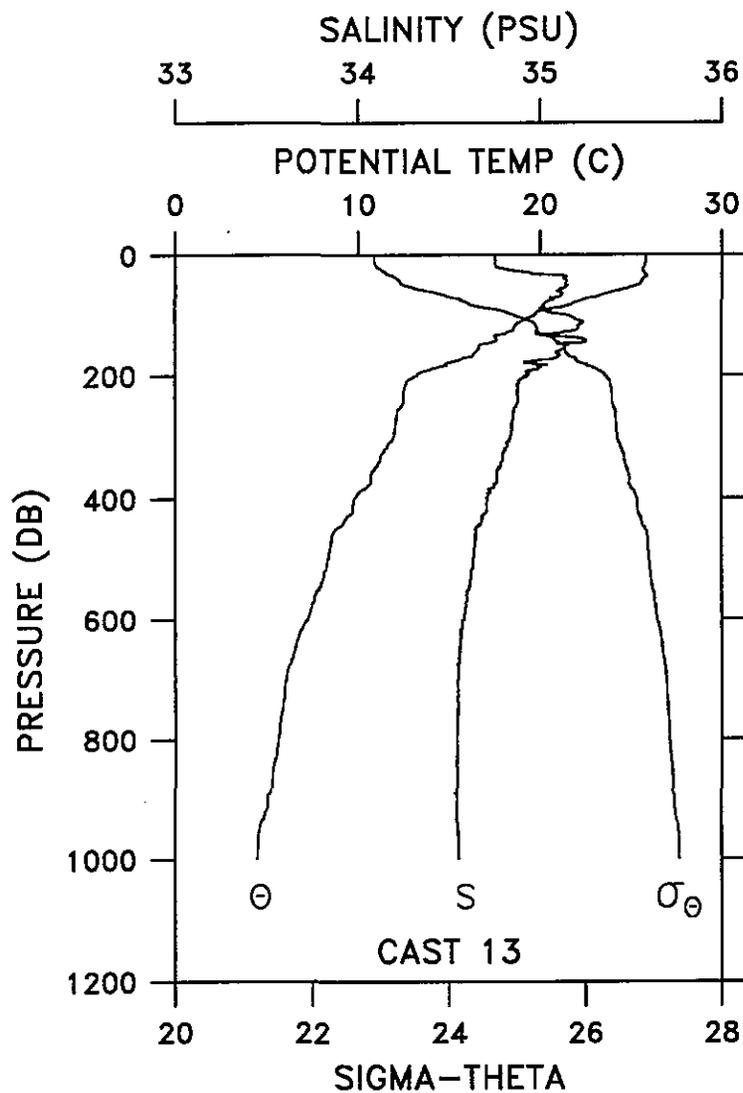
CAST EP5-92-DI -012 DATE 13 SEP 92 TIME 1840 GMT
 LAT 00 29.7N LONG 140 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 100 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.8 WET 22.5 DEPTH M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.687	34.583	22.505	0.000
10	26.675	34.582	22.509	0.053
20	26.669	34.582	22.510	0.107
30	25.198	34.658	23.025	0.159
40	24.833	34.792	23.236	0.206
50	24.897	34.835	23.250	0.253
60	24.837	34.967	23.367	0.299
70	23.805	35.031	23.724	0.342
80	21.781	34.957	24.247	0.382
90	20.458	34.690	24.406	0.418
100	17.727	34.745	25.145	0.449
110	17.007	34.783	25.347	0.476
120	16.374	34.789	25.500	0.502
130	15.608	34.772	25.662	0.527
140	14.918	34.815	25.848	0.549
150	14.452	34.820	25.952	0.571
160	13.842	34.931	26.167	0.591
170	13.397	34.872	26.214	0.609
180	12.889	34.837	26.289	0.627
190	12.764	34.837	26.314	0.645
200	12.695	34.834	26.325	0.663
250	12.362	34.857	26.408	0.748
300	12.099	34.837	26.444	0.831
350	10.463	34.743	26.672	0.910
400	10.075	34.708	26.712	0.981
450	8.864	34.657	26.872	1.049
500	8.091	34.612	26.956	1.111
550	7.488	34.586	27.024	1.168
600	6.884	34.567	27.094	1.223
650	6.487	34.558	27.141	1.275
700	5.991	34.547	27.196	1.324
750	5.831	34.538	27.209	1.372
800	5.386	34.542	27.267	1.418
900	4.639	34.545	27.356	1.504
1000	4.278	34.558	27.406	1.583
1008	4.266	34.558	27.407	1.589

CAST EP5-92-DI -013 DATE 14 SEP 92 TIME 0634 GMT
LAT 00 00.2N LONG 140 00.0W

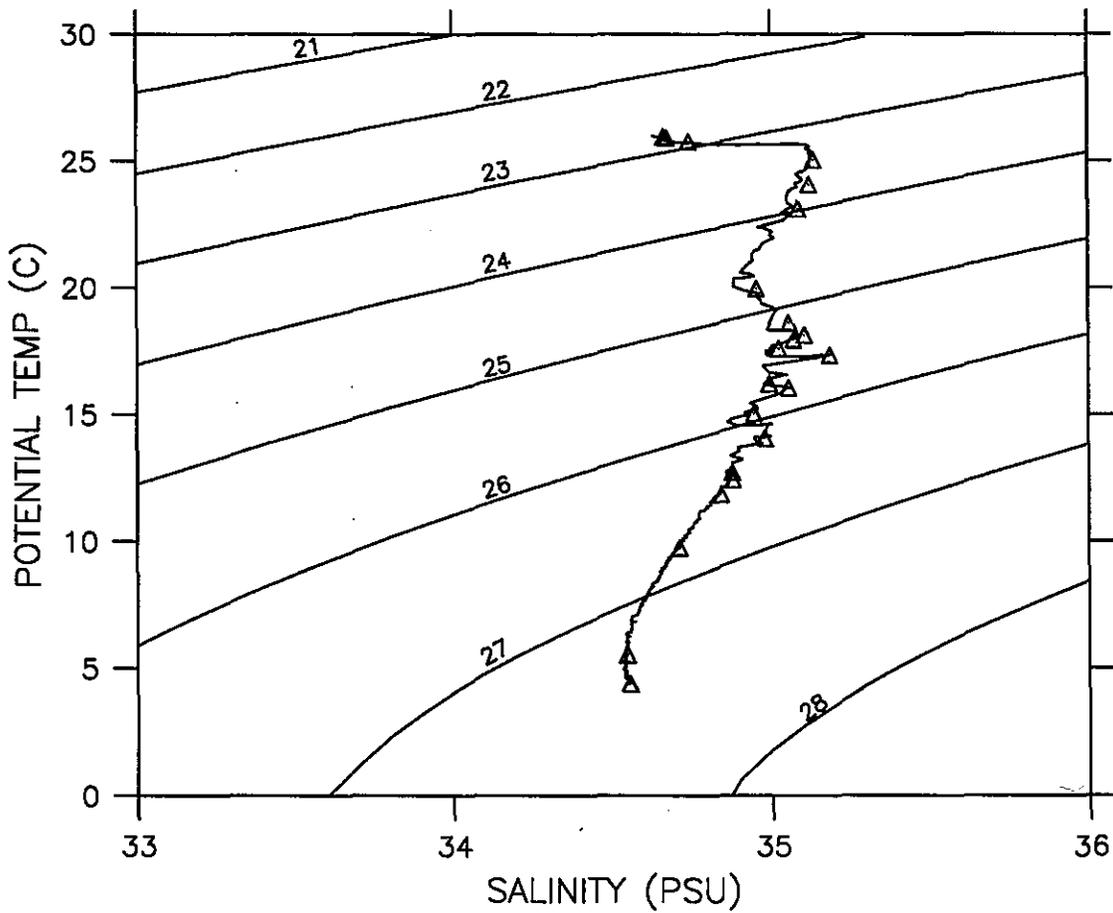




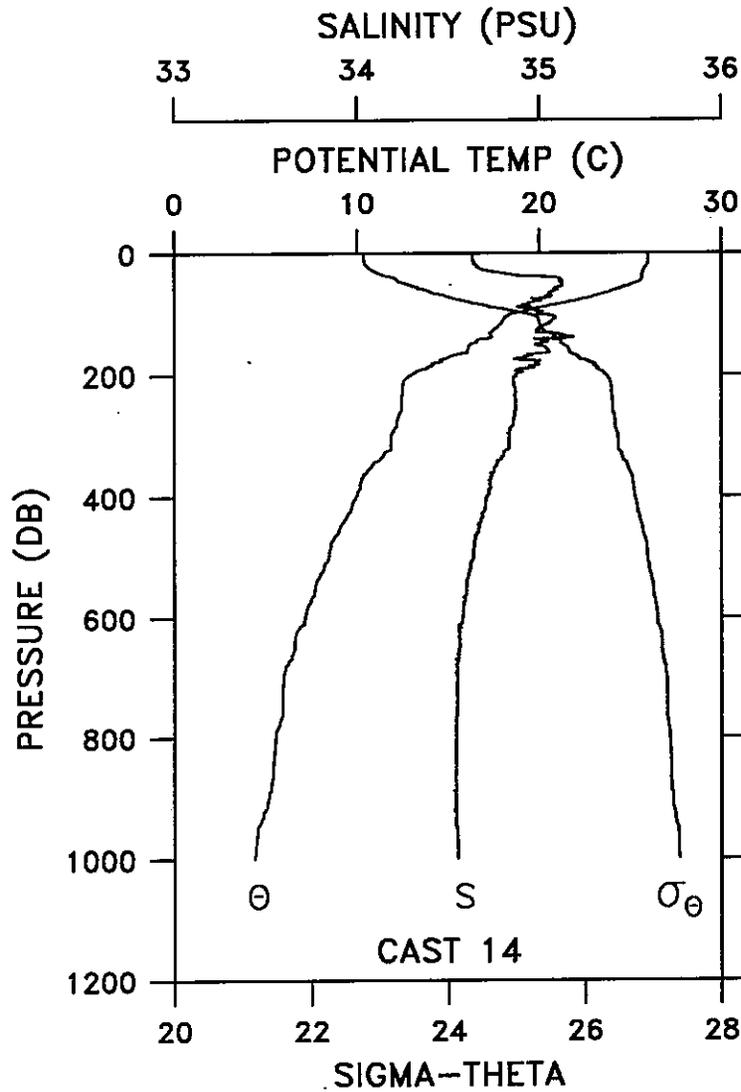
CAST EP5-92-DI-013 DATE 14 SEP 92 TIME 0634 GMT
 LAT 00 00.2N LONG 140 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 095 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.6 WET 22.5 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.824	34.751	22.902	0.000
10	25.827	34.754	22.904	0.050
20	25.728	34.758	22.938	0.099
30	25.733	34.943	23.075	0.148
40	25.649	35.134	23.245	0.195
50	25.400	35.140	23.326	0.241
60	24.168	35.091	23.662	0.285
70	23.037	35.098	23.999	0.326
80	21.852	35.029	24.282	0.363
90	20.403	35.009	24.663	0.399
100	19.717	35.146	24.948	0.430
110	18.977	35.224	25.199	0.459
120	18.598	35.210	25.285	0.487
130	18.155	35.116	25.323	0.514
140	17.638	35.245	25.549	0.540
150	16.686	35.148	25.703	0.564
160	16.528	35.106	25.708	0.587
170	16.045	35.094	25.810	0.610
180	14.850	34.919	25.943	0.632
190	14.024	34.992	26.176	0.652
200	13.274	34.940	26.291	0.670
250	12.384	34.870	26.414	0.755
300	11.957	34.838	26.472	0.838
350	10.933	34.777	26.614	0.916
400	9.812	34.709	26.757	0.988
450	8.774	34.643	26.875	1.055
500	8.338	34.631	26.934	1.116
550	7.852	34.609	26.989	1.176
600	7.248	34.581	27.055	1.232
650	6.553	34.555	27.129	1.285
700	6.068	34.547	27.187	1.334
750	5.877	34.548	27.212	1.382
800	5.634	34.541	27.236	1.429
900	5.062	34.544	27.307	1.520
1000	4.451	34.554	27.384	1.602
1002	4.449	34.554	27.384	1.604

CAST EP5-92-DI -014 DATE 14 SEP 92 TIME 0959 GMT
LAT 00 15.0N LONG 139 59.4W

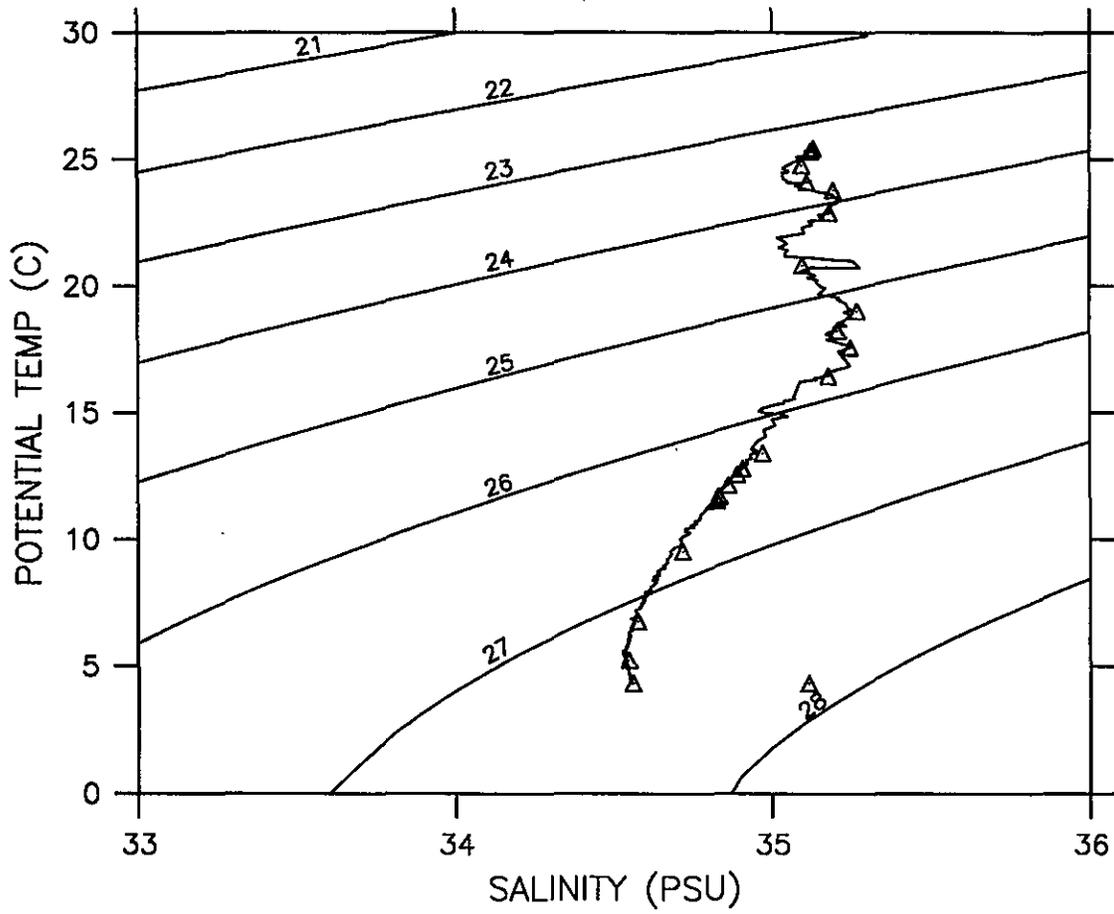


CAST EP5-92-DI -014 DATE 14 SEP 92 TIME 0959 GMT
 LAT 00 15.0N LONG 139 59.4W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 095 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.3 WET 23.2 DEPTH M

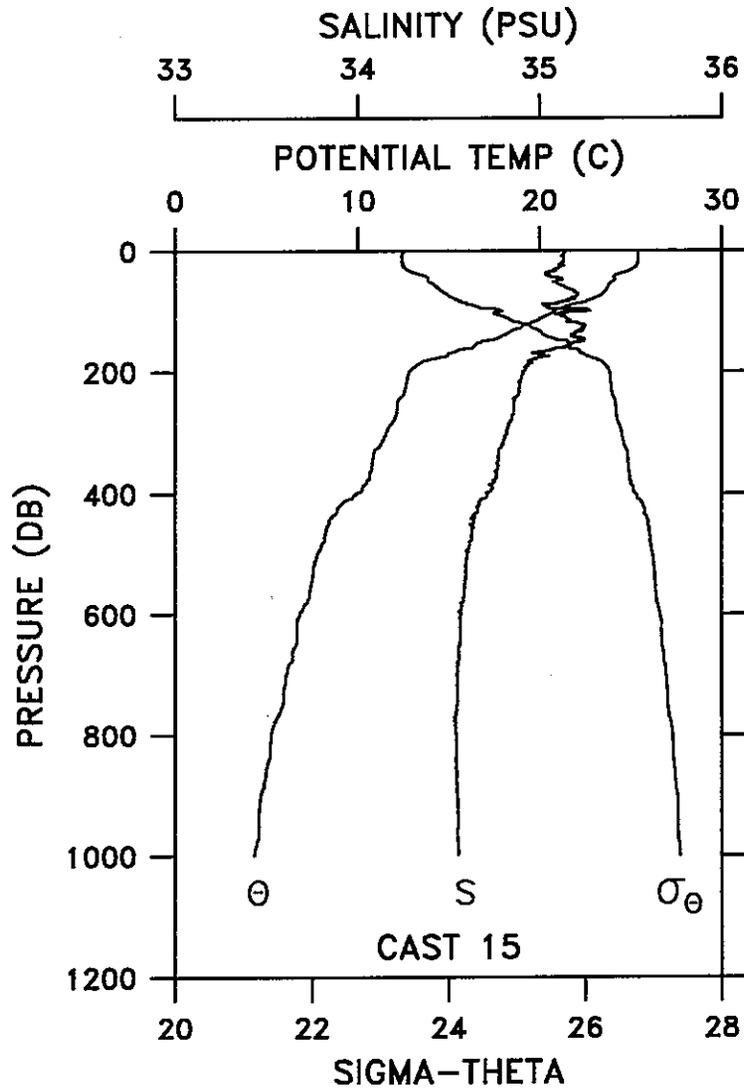


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.977	34.630	22.764	0.000
10	25.980	34.634	22.766	0.051
20	25.927	34.655	22.798	0.102
30	25.725	34.729	22.916	0.152
40	25.674	35.090	23.204	0.200
50	25.242	35.123	23.362	0.246
60	24.227	35.100	23.651	0.290
70	23.103	35.050	23.943	0.332
80	21.758	34.975	24.267	0.370
90	20.049	34.882	24.660	0.405
100	18.568	34.995	25.128	0.436
110	18.042	35.071	25.317	0.463
120	17.753	35.017	25.347	0.490
130	17.388	34.984	25.410	0.516
140	17.249	35.142	25.564	0.541
150	16.266	34.982	25.673	0.565
160	16.074	35.044	25.765	0.588
170	15.135	34.931	25.889	0.610
180	14.469	34.986	26.077	0.631
190	13.698	34.892	26.167	0.650
200	12.936	34.875	26.309	0.668
250	12.422	34.871	26.408	0.753
300	11.859	34.834	26.487	0.836
350	10.778	34.764	26.632	0.915
400	9.948	34.712	26.737	0.986
450	9.074	34.668	26.847	1.053
500	8.432	34.635	26.922	1.115
550	7.717	34.601	27.003	1.174
600	7.160	34.578	27.065	1.230
650	6.587	34.560	27.129	1.282
700	5.979	34.548	27.199	1.332
750	5.918	34.547	27.206	1.380
800	5.540	34.543	27.249	1.427
900	5.163	34.540	27.292	1.518
1000	4.396	34.553	27.389	1.601
1005	4.382	34.554	27.391	1.605

CAST EP5-92-DI -015 DATE 14 SEP 92 TIME 1414 GMT
LAT 00 15.0S LONG 139 59.8W

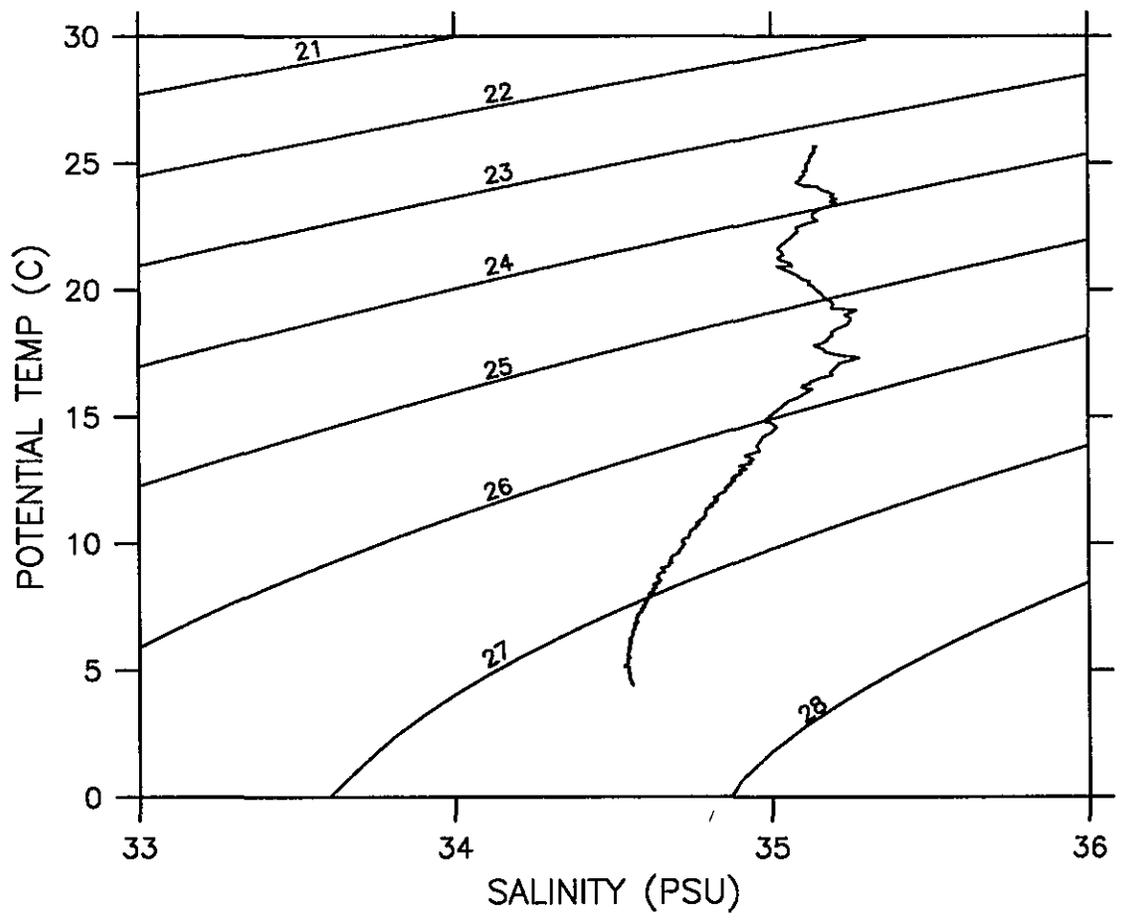


CAST EP5-92-DI -015 DATE 14 SEP 92 TIME 1414 GMT
 LAT 00 15.0S LONG 139 59.8W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 080 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.1 WET 22.3 DEPTH M

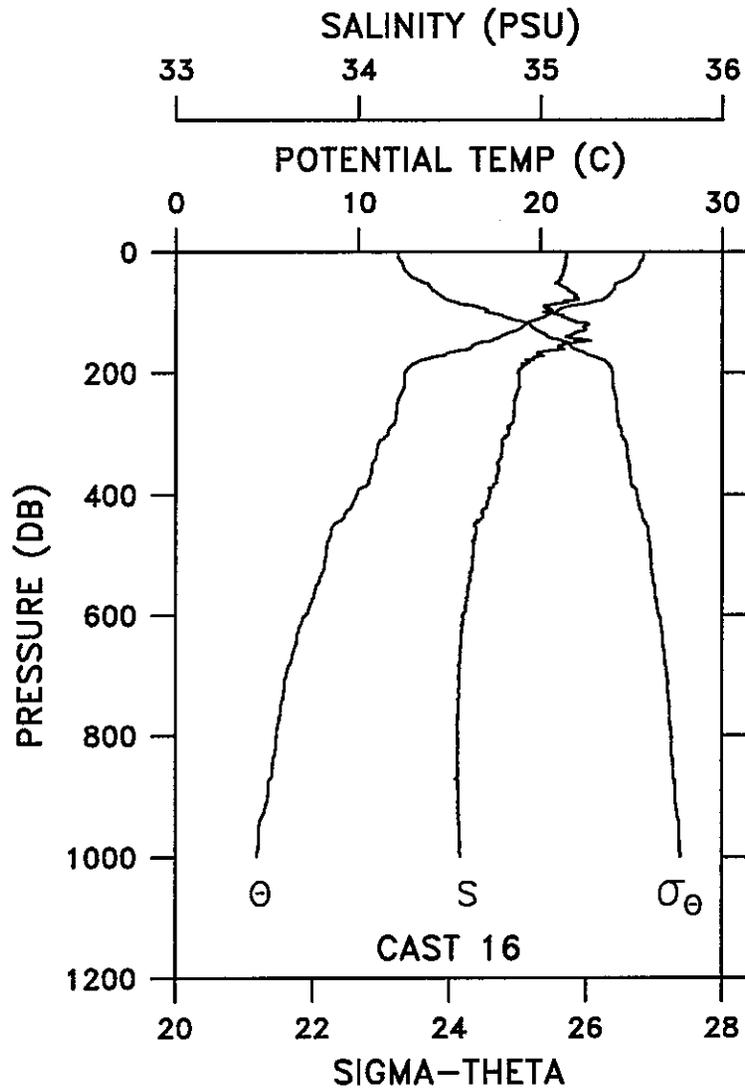


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.412	35.133	23.317	0.000
10	25.411	35.132	23.317	0.046
20	25.392	35.121	23.315	0.091
30	25.128	35.100	23.379	0.137
40	24.219	35.037	23.606	0.181
50	24.055	35.095	23.699	0.223
60	23.764	35.138	23.817	0.265
70	23.527	35.201	23.934	0.305
80	22.965	35.176	24.079	0.344
90	21.752	35.040	24.318	0.382
100	20.793	35.272	24.759	0.417
110	20.233	35.145	24.812	0.449
120	19.543	35.213	25.045	0.480
130	18.773	35.242	25.265	0.508
140	18.104	35.173	25.380	0.535
150	16.857	35.244	25.736	0.560
160	16.347	35.132	25.770	0.583
170	15.048	34.958	25.929	0.605
180	13.982	34.969	26.168	0.625
190	13.194	34.934	26.303	0.643
200	12.841	34.905	26.351	0.660
250	12.193	34.860	26.444	0.745
300	11.563	34.818	26.530	0.826
350	10.791	34.764	26.630	0.902
400	9.914	34.711	26.742	0.975
450	8.423	34.633	26.922	1.039
500	7.791	34.601	26.992	1.098
550	7.450	34.586	27.030	1.154
600	6.827	34.569	27.104	1.209
650	6.601	34.560	27.127	1.260
700	6.063	34.543	27.184	1.310
750	5.873	34.545	27.210	1.359
800	5.246	34.540	27.282	1.404
900	4.676	34.545	27.352	1.490
1000	4.336	34.554	27.396	1.571
1005	4.327	34.555	27.398	1.575

CAST EP5-92-DI -016 DATE 15 SEP 92 TIME 0440 GMT
LAT 00 00.3N LONG 139 59.7W

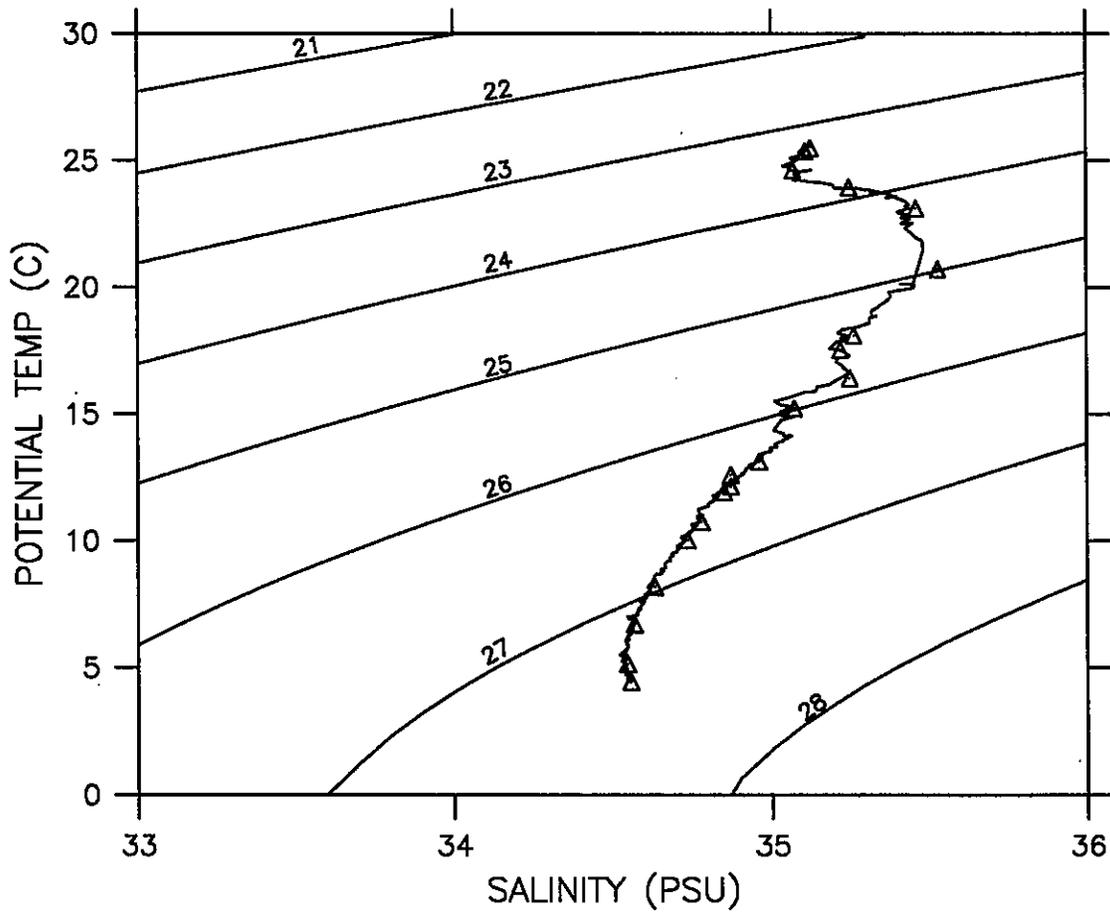


CAST EP5-92-DI -016 DATE 15 SEP 92 TIME 0440 GMT
 LAT 00 00.3N LONG 139 59.7W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 060 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.5 WET 23.0 DEPTH M

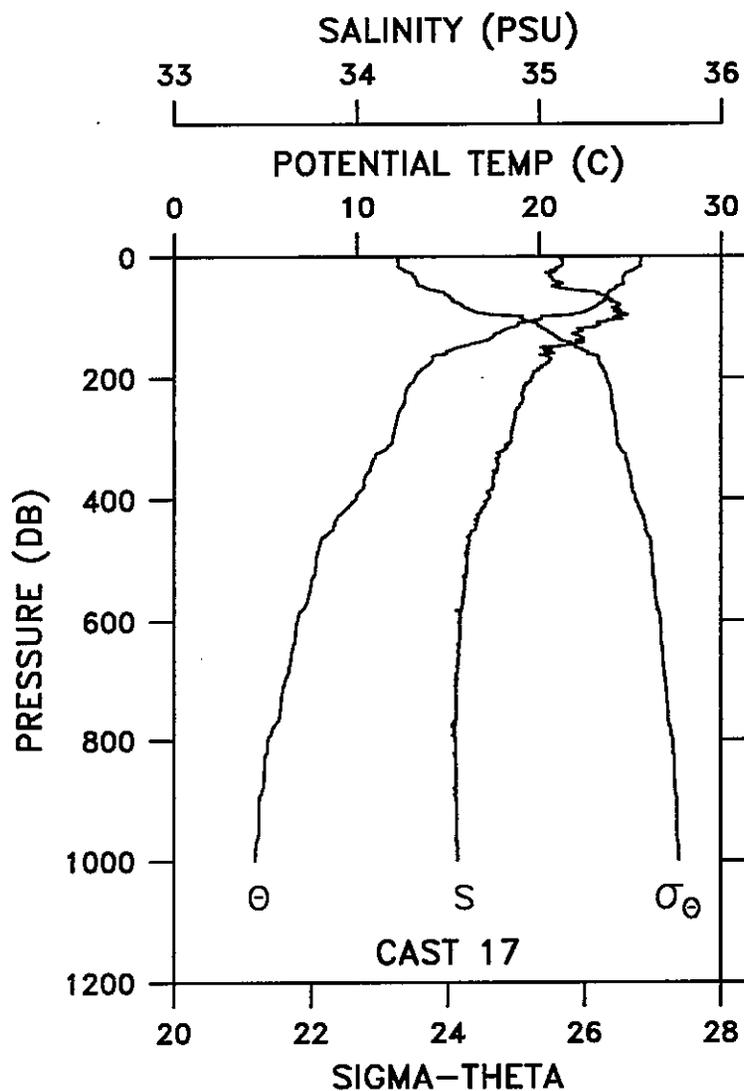


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.670	35.138	23.242	0.000
10	25.639	35.140	23.253	0.046
20	25.443	35.136	23.310	0.092
30	25.312	35.124	23.341	0.138
40	25.009	35.116	23.428	0.183
50	24.431	35.092	23.584	0.227
60	24.089	35.138	23.721	0.269
70	23.841	35.181	23.827	0.311
80	23.417	35.207	23.971	0.351
90	21.632	35.019	24.336	0.389
100	20.932	35.017	24.526	0.424
110	20.088	35.133	24.841	0.457
120	19.205	35.268	25.174	0.486
130	18.746	35.243	25.272	0.514
140	17.840	35.147	25.425	0.541
150	16.741	35.188	25.721	0.566
160	16.102	35.110	25.810	0.588
170	14.799	34.982	26.002	0.610
180	13.375	34.937	26.268	0.629
190	12.809	34.905	26.358	0.646
200	12.556	34.877	26.386	0.663
250	12.123	34.855	26.453	0.747
300	11.618	34.824	26.525	0.828
350	10.751	34.766	26.639	0.903
400	9.913	34.719	26.748	0.976
450	8.650	34.635	26.888	1.042
500	8.238	34.629	26.947	1.102
550	7.702	34.604	27.007	1.161
600	7.112	34.572	27.067	1.217
650	6.564	34.563	27.134	1.269
700	6.054	34.548	27.189	1.319
750	5.768	34.549	27.226	1.366
800	5.520	34.546	27.254	1.413
900	5.052	34.548	27.311	1.502
1000	4.450	34.559	27.388	1.584
1003	4.403	34.560	27.394	1.586

CAST EP5-92-DI -017 DATE 15 SEP 92 TIME 0832 GMT
LAT 00 29.7S LONG 139 59.9W



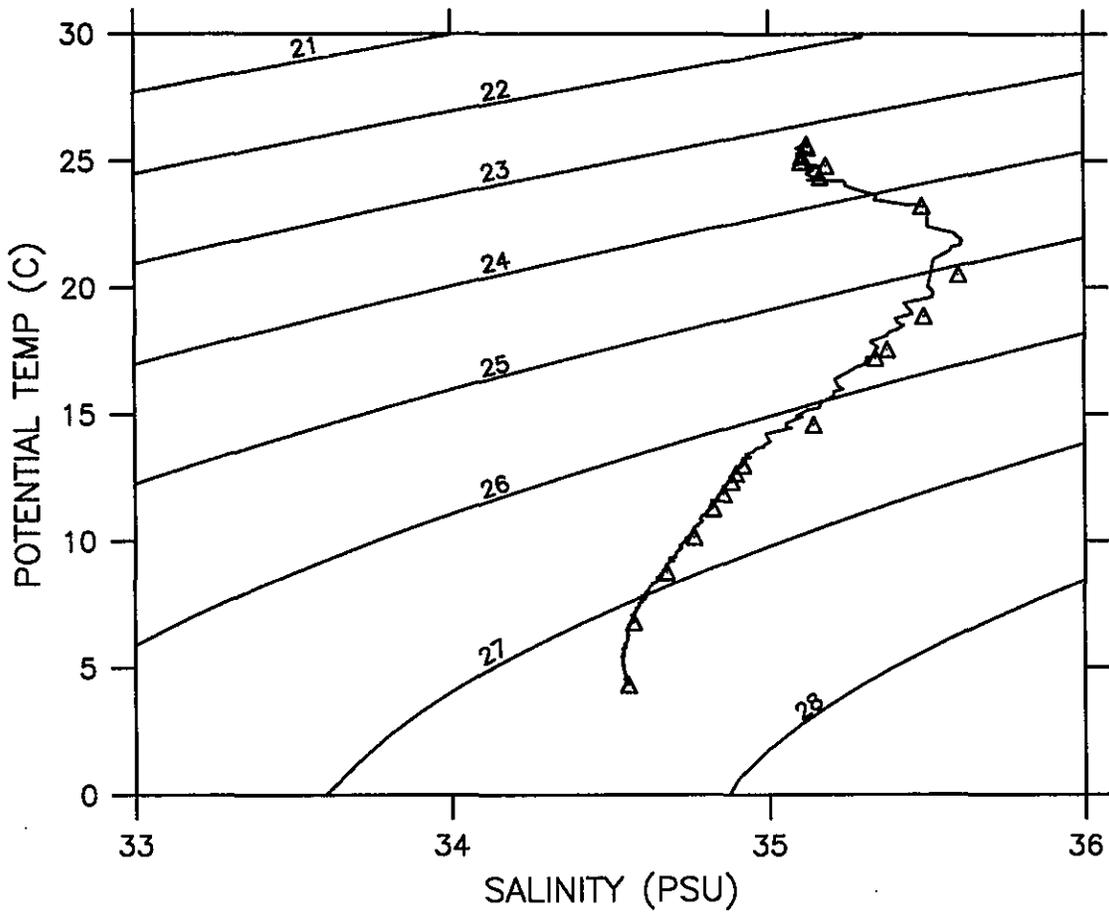
CAST EP5-92-DI-017 DATE 15 SEP 92 TIME 0832 GMT
 LAT 00 29.7S LONG 139 59.9W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 075 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.0 WET 23.2 DEPTH M



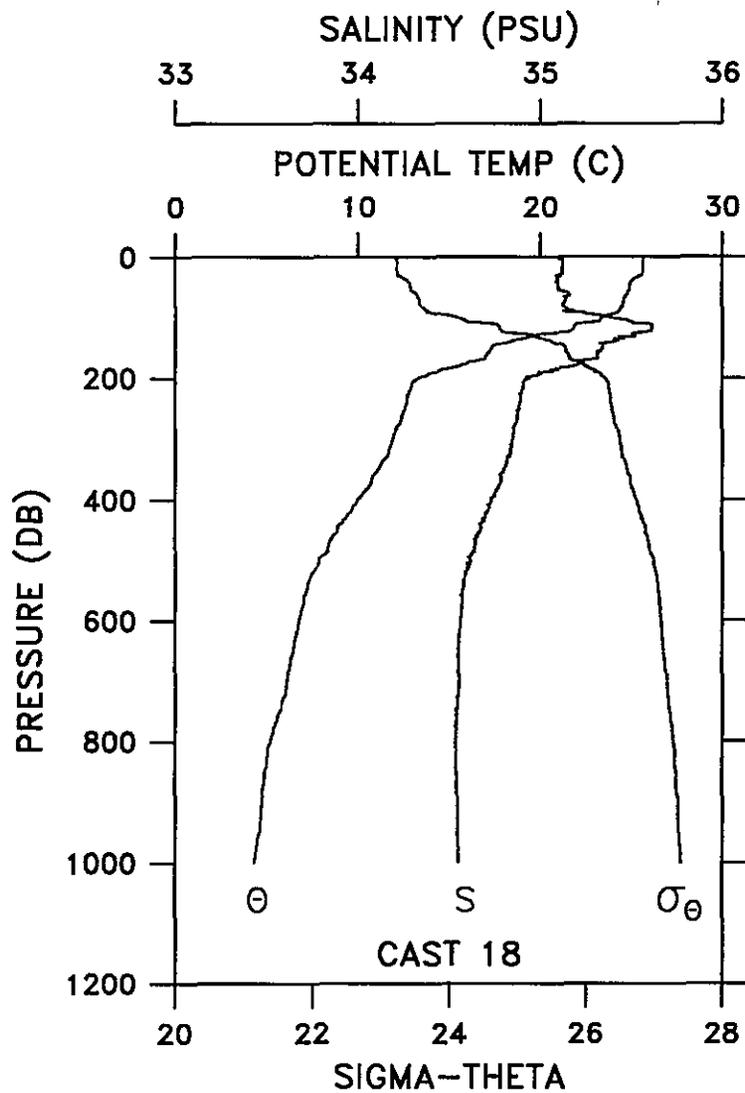
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.566	35.110	23.253	0.000
10	25.567	35.127	23.265	0.046
20	25.301	35.088	23.318	0.092
30	24.692	35.058	23.480	0.137
40	24.577	35.078	23.529	0.181
50	24.218	35.088	23.645	0.224
60	23.807	35.326	23.947	0.265
70	23.600	35.388	24.054	0.305
80	23.247	35.440	24.197	0.343
90	22.623	35.427	24.367	0.380
100	20.126	35.411	25.043	0.413
110	18.862	35.320	25.302	0.441
120	18.090	35.239	25.434	0.468
130	17.511	35.215	25.557	0.493
140	16.830	35.228	25.730	0.517
150	15.521	35.010	25.864	0.539
160	14.928	35.077	26.048	0.560
170	14.132	35.059	26.205	0.579
180	13.794	35.010	26.238	0.597
190	13.395	34.972	26.291	0.615
200	13.193	34.957	26.321	0.633
250	12.440	34.880	26.411	0.718
300	11.972	34.847	26.476	0.800
350	10.711	34.767	26.647	0.877
400	9.949	34.722	26.744	0.949
450	8.692	34.648	26.892	1.013
500	7.795	34.605	26.995	1.072
550	7.441	34.588	27.033	1.129
600	6.757	34.561	27.107	1.183
650	6.463	34.555	27.141	1.234
700	6.068	34.545	27.185	1.284
750	5.816	34.545	27.217	1.332
800	5.149	34.540	27.294	1.378
900	4.671	34.545	27.352	1.463
1000	4.439	34.554	27.385	1.544
1003	4.429	34.554	27.386	1.546

CAST EP5-92-DI -018 DATE 15 SEP 92 TIME 1351 GMT

LAT 00 59.4S LONG 139 59.9W



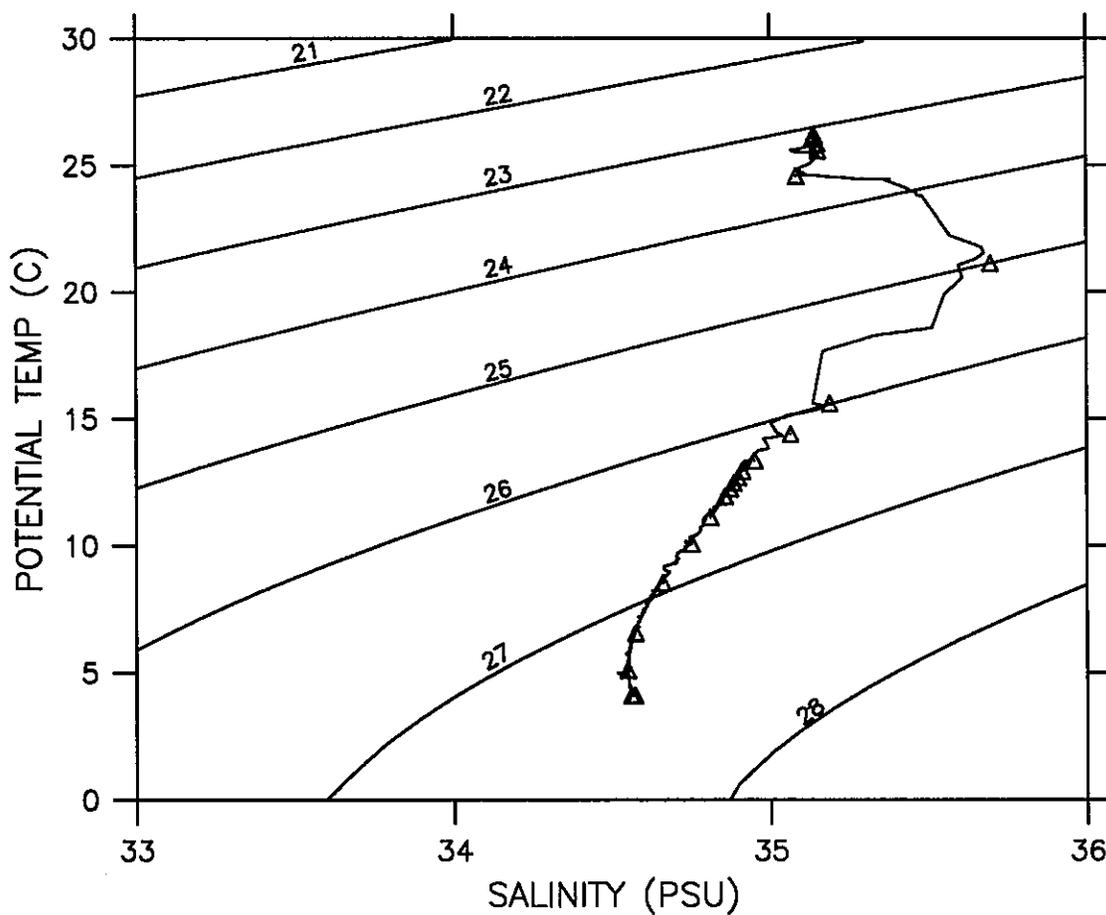
453



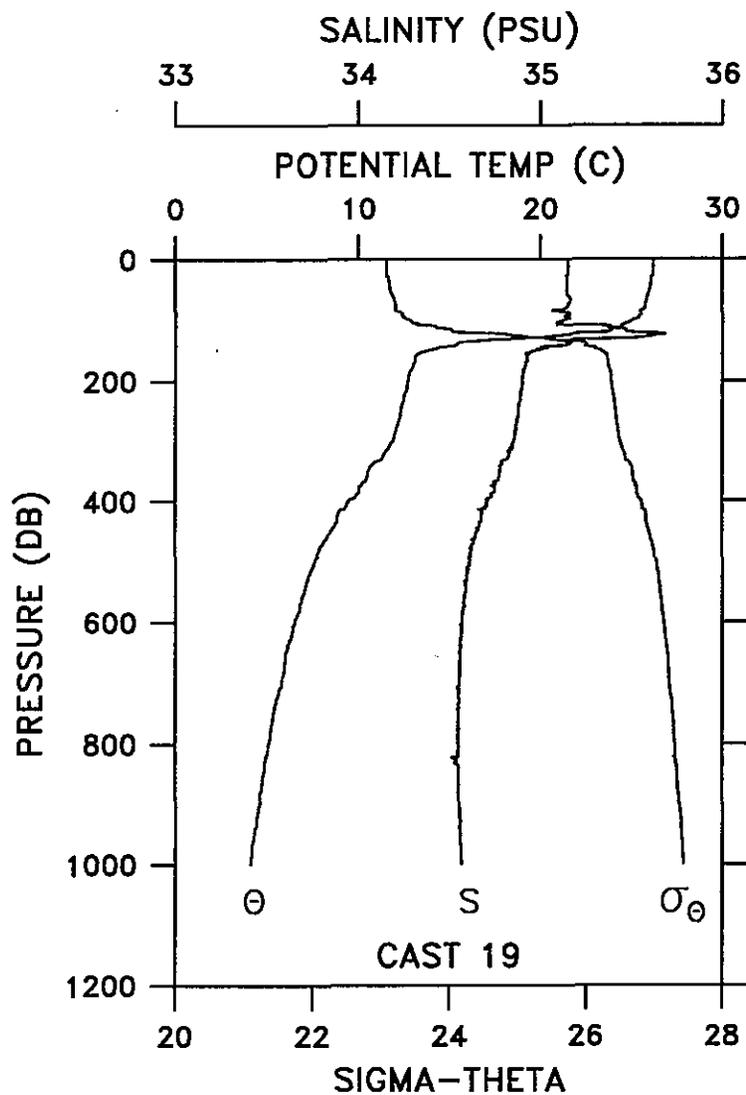
CAST EP5-92-DI -018 DATE 15 SEP 92 TIME 1351 GMT
 LAT 00 59.4S LONG 139 59.9W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 065 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.6 WET 23.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.651	35.124	23.237	0.000
10	25.650	35.123	23.236	0.046
20	25.642	35.122	23.238	0.093
30	25.617	35.110	23.237	0.139
40	25.050	35.094	23.398	0.185
50	24.938	35.099	23.437	0.229
60	24.826	35.155	23.513	0.274
70	24.625	35.141	23.563	0.317
80	24.532	35.132	23.584	0.361
90	24.254	35.126	23.663	0.404
100	23.382	35.380	24.113	0.444
110	22.146	35.589	24.626	0.481
120	21.751	35.612	24.754	0.514
130	19.653	35.516	25.248	0.544
140	18.328	35.407	25.503	0.571
150	17.321	35.342	25.701	0.595
160	17.070	35.314	25.739	0.618
170	16.701	35.260	25.785	0.641
180	15.596	35.191	25.987	0.662
190	14.235	34.991	26.131	0.682
200	13.318	34.944	26.285	0.700
250	12.582	34.886	26.388	0.787
300	11.904	34.849	26.490	0.870
350	11.098	34.803	26.604	0.948
400	9.986	34.731	26.745	1.021
450	8.888	34.672	26.880	1.086
500	7.856	34.612	26.991	1.147
550	7.163	34.574	27.061	1.202
600	6.767	34.562	27.106	1.256
650	6.464	34.552	27.139	1.307
700	6.092	34.551	27.187	1.357
750	5.712	34.534	27.221	1.405
800	5.218	34.536	27.282	1.450
900	4.714	34.543	27.346	1.535
1000	4.317	34.551	27.396	1.616
1004	4.312	34.551	27.397	1.619

CAST EP5-92-DI -019 DATE 16 SEP 92 TIME 0409 GMT
LAT 02 00.6S LONG 140 00.9W

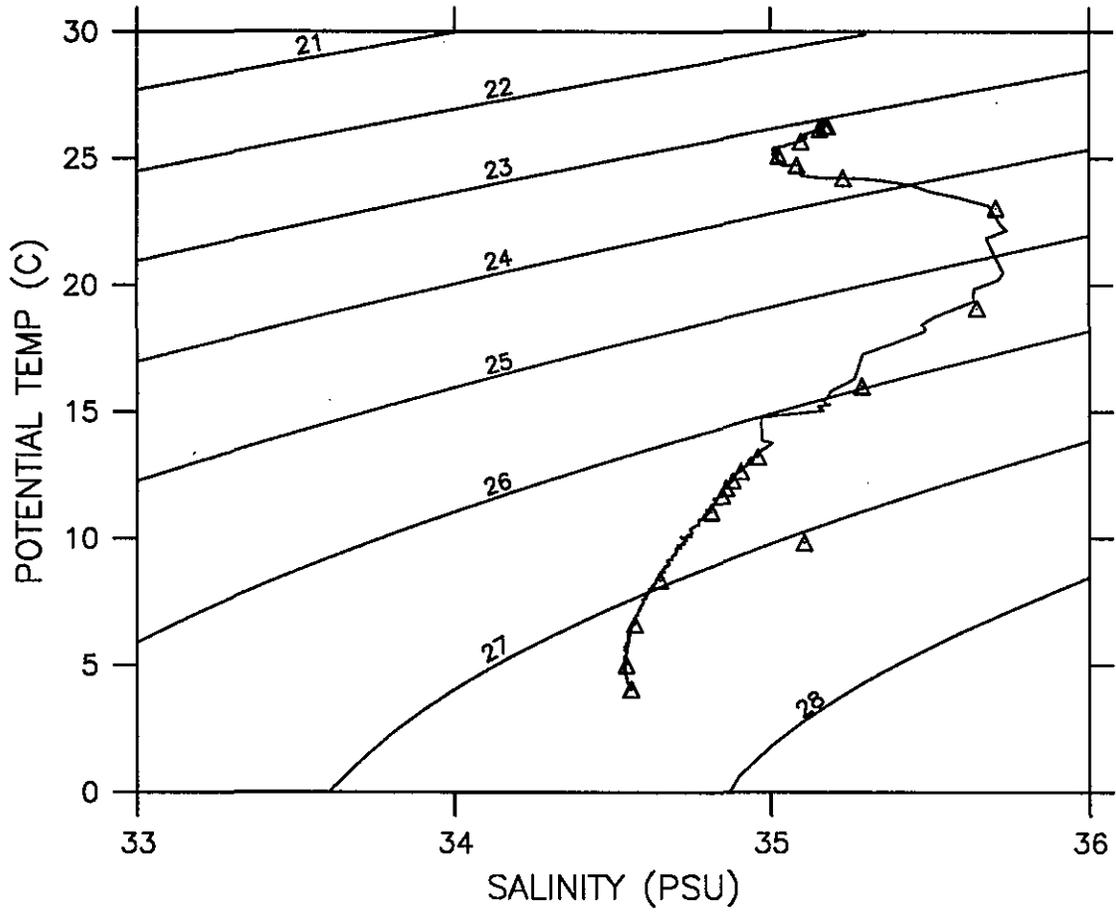


CAST EP5-92-DI -019 DATE 16 SEP 92 TIME 0409 GMT
 LAT 02 00.6S LONG 140 00.9W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 090 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.5 WET 23.0 DEPTH M

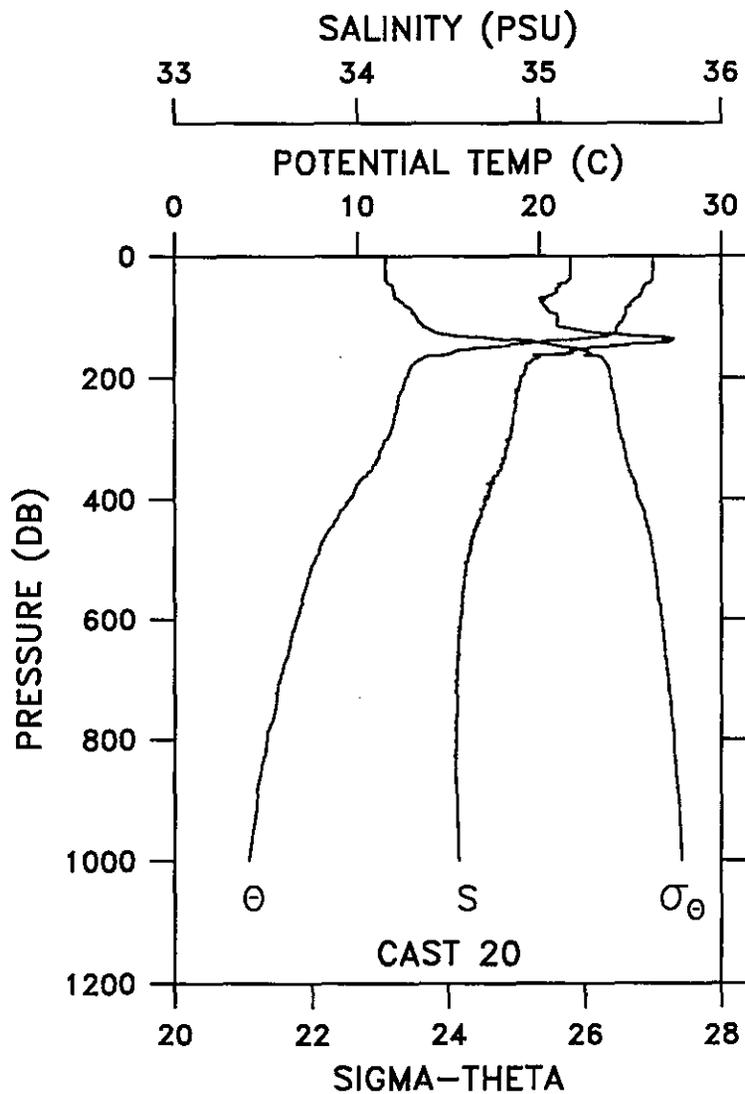


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.231	35.152	23.077	0.000
10	26.227	35.153	23.080	0.048
20	26.221	35.153	23.081	0.096
30	26.099	35.148	23.116	0.144
40	26.071	35.148	23.124	0.191
50	26.020	35.146	23.139	0.239
60	25.915	35.154	23.178	0.286
70	25.838	35.165	23.210	0.333
80	25.771	35.142	23.213	0.380
90	25.516	35.158	23.304	0.426
100	25.073	35.131	23.419	0.472
110	24.445	35.384	23.801	0.516
120	22.996	35.528	24.337	0.556
130	18.285	35.334	25.458	0.586
140	15.347	35.141	26.004	0.608
150	13.742	34.961	26.211	0.627
160	13.126	34.925	26.310	0.645
170	13.043	34.918	26.321	0.662
180	12.929	34.912	26.339	0.680
190	12.781	34.903	26.362	0.697
200	12.720	34.900	26.372	0.714
250	12.324	34.880	26.434	0.798
300	11.870	34.852	26.499	0.879
350	10.547	34.778	26.684	0.956
400	9.487	34.711	26.813	1.025
450	8.523	34.650	26.920	1.088
500	7.582	34.606	27.027	1.146
550	7.043	34.586	27.087	1.200
600	6.532	34.567	27.142	1.252
650	6.036	34.555	27.197	1.301
700	5.809	34.553	27.224	1.348
750	5.360	34.549	27.276	1.393
800	5.109	34.548	27.305	1.437
900	4.578	34.552	27.368	1.520
1000	4.109	34.565	27.429	1.597
1003	4.106	34.566	27.430	1.599

CAST EP5-92-DI -020 DATE 16 SEP 92 TIME 1047 GMT
LAT 02 59.9S LONG 140 00.1W



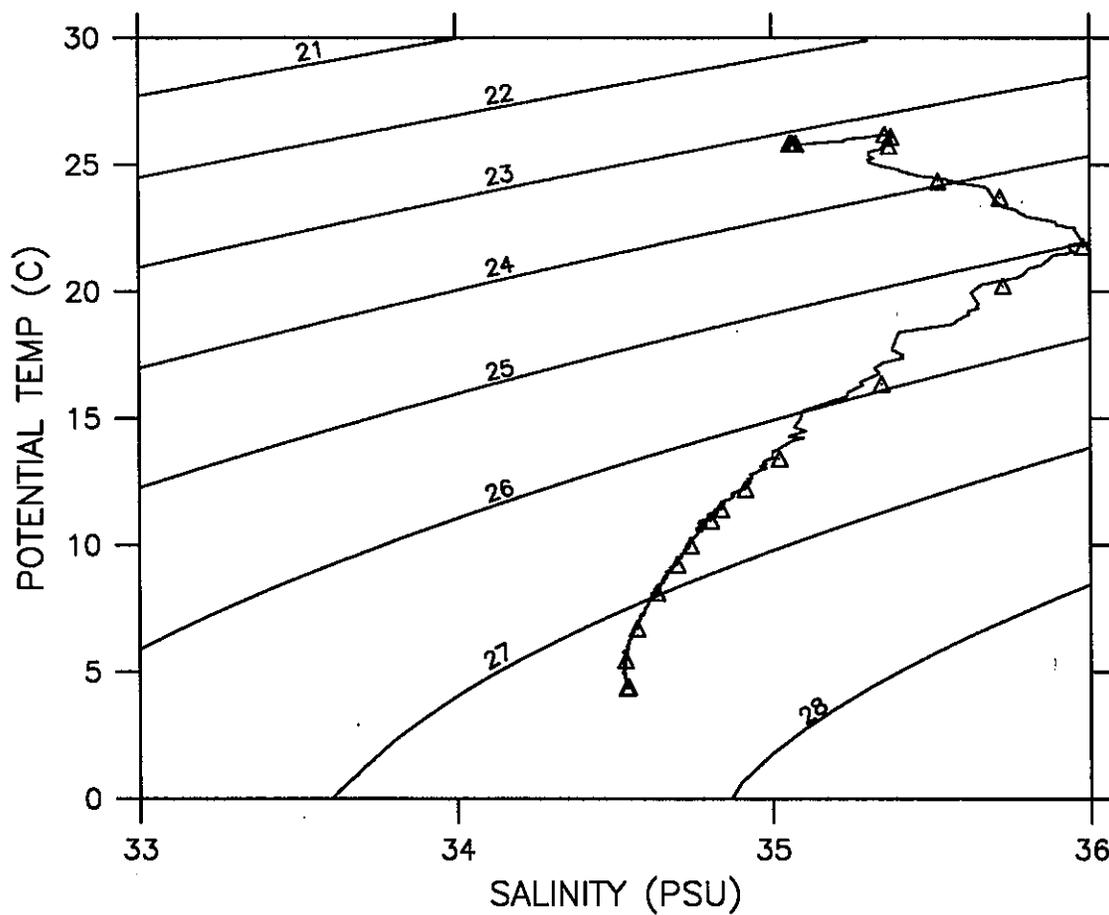
CAST EP5-92-DI -020 DATE 16 SEP 92 TIME 1047 GMT
 LAT 02 59.9S LONG 140 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 100 T SPD 18 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.3 WET 23.3 DEPTH M



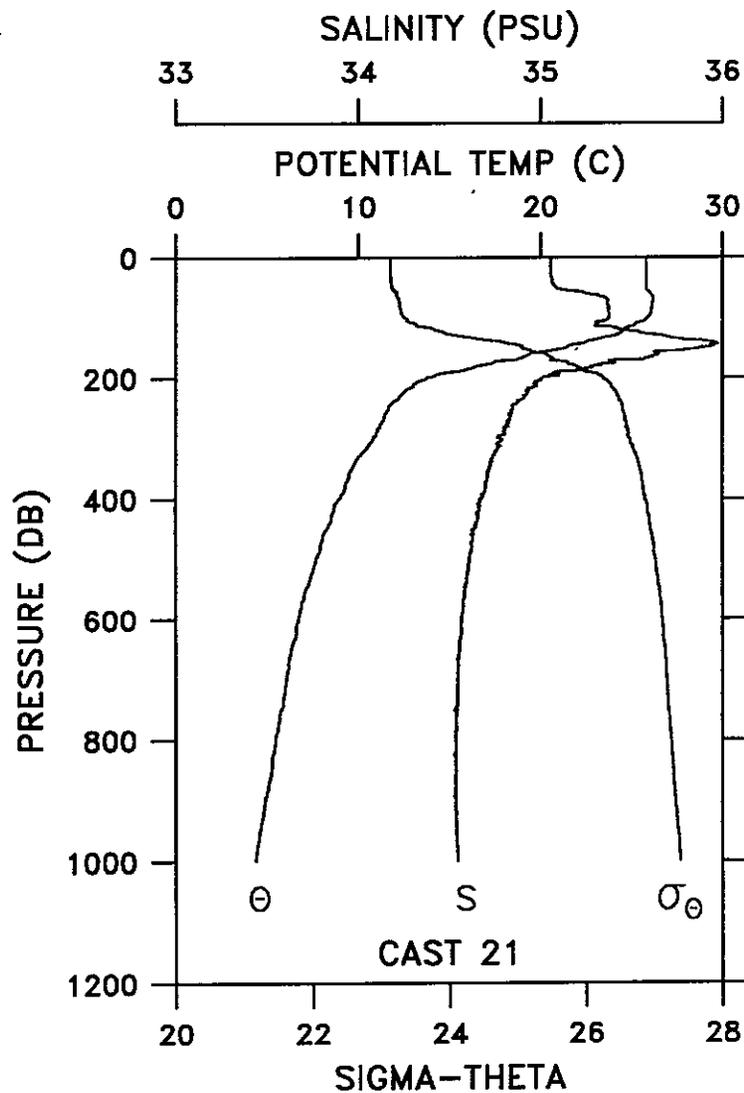
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.252	35.174	23.087	0.000
10	26.256	35.174	23.086	0.048
20	26.265	35.173	23.083	0.096
30	26.258	35.171	23.083	0.143
40	26.187	35.158	23.096	0.191
50	25.777	35.111	23.188	0.239
60	25.640	35.090	23.215	0.286
70	25.274	35.026	23.279	0.332
80	25.003	35.023	23.359	0.378
90	24.724	35.049	23.463	0.423
100	24.634	35.099	23.528	0.467
110	24.400	35.099	23.599	0.511
120	24.223	35.214	23.739	0.554
130	23.675	35.505	24.121	0.594
140	20.202	35.716	25.256	0.627
150	16.781	35.278	25.780	0.652
160	15.035	35.167	26.094	0.673
170	13.413	34.965	26.282	0.691
180	12.982	34.929	26.342	0.709
190	12.823	34.921	26.367	0.726
200	12.649	34.900	26.386	0.743
250	12.153	34.867	26.457	0.826
300	11.628	34.830	26.527	0.906
350	10.815	34.790	26.645	0.982
400	9.605	34.700	26.785	1.051
450	8.444	34.640	26.924	1.115
500	7.670	34.607	27.015	1.173
550	7.124	34.583	27.074	1.227
600	6.634	34.563	27.125	1.280
650	6.227	34.554	27.172	1.330
700	5.774	34.549	27.225	1.378
750	5.469	34.545	27.260	1.423
800	5.029	34.541	27.308	1.467
900	4.465	34.547	27.377	1.549
1000	4.067	34.559	27.429	1.626
1004	4.037	34.559	27.432	1.629

457

CAST EP5-92-DI -021 DATE 16 SEP 92 TIME 1734 GMT
LAT 03 59.6S LONG 140 00.2W



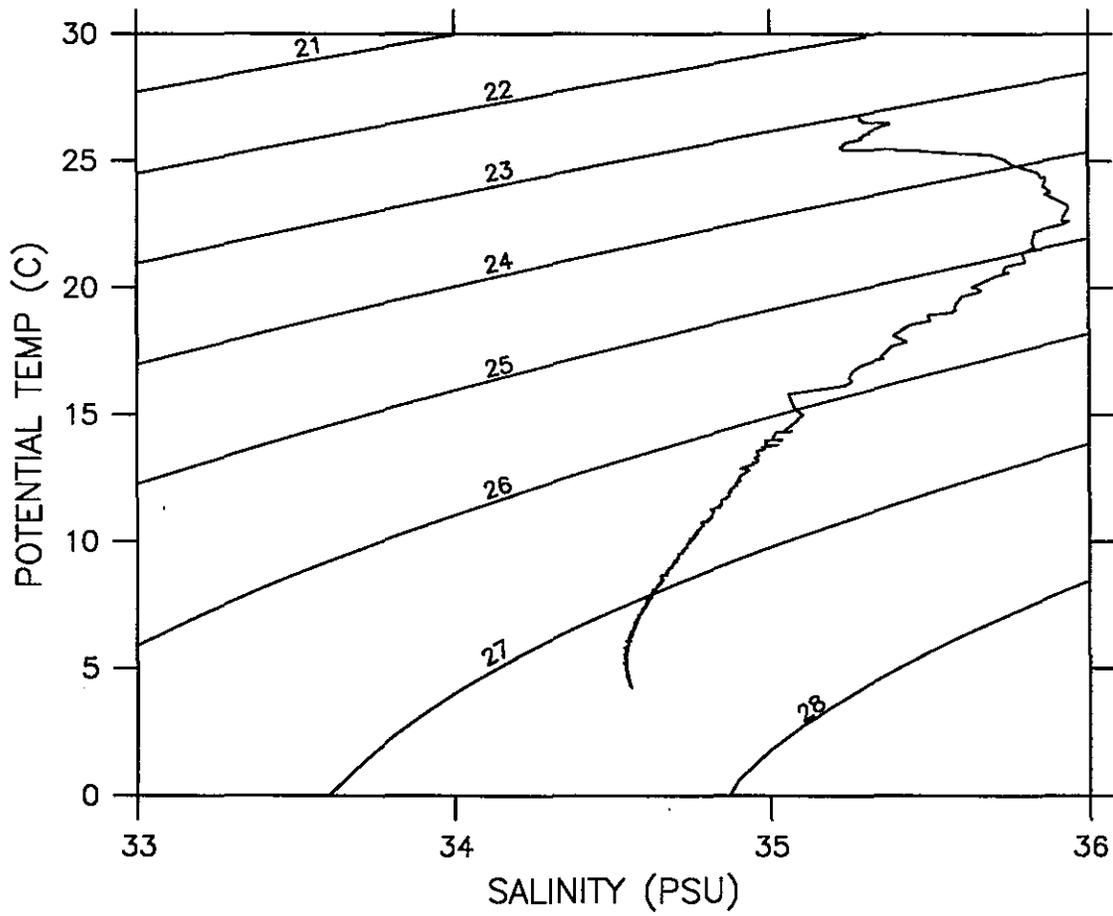
459



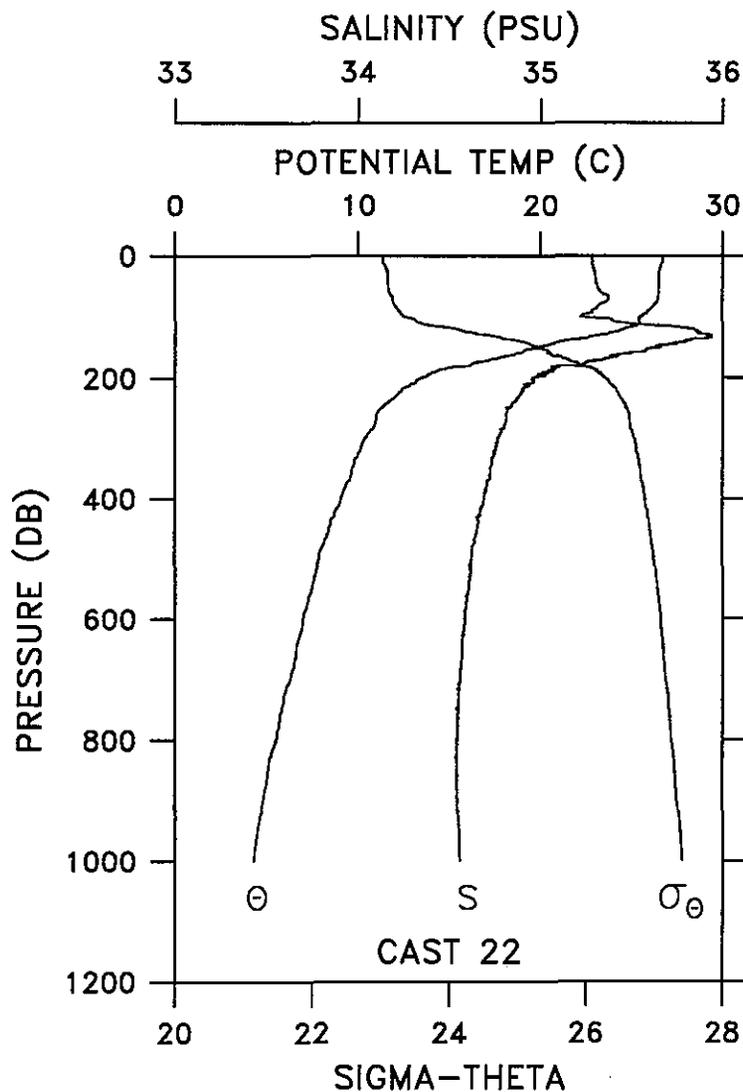
CAST EP5-92-DI -021 DATE 16 SEP 92 TIME 1734 GMT
 LAT 03 59.6S LONG 140 00.2W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 100 T SPD 16 KT VISIBILITY 7
 CLOUD AMOUNT DRY 27.1 WET 23.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.814	35.055	23.134	0.000
10	25.812	35.056	23.136	0.047
20	25.811	35.056	23.136	0.095
30	25.809	35.059	23.139	0.142
40	25.808	35.064	23.143	0.189
50	25.813	35.086	23.158	0.237
60	26.037	35.256	23.217	0.284
70	26.177	35.370	23.259	0.330
80	26.144	35.372	23.271	0.376
90	26.078	35.375	23.294	0.423
100	25.879	35.373	23.354	0.469
110	25.230	35.305	23.503	0.514
120	24.579	35.454	23.813	0.557
130	24.041	35.678	24.144	0.596
140	22.514	35.941	24.789	0.632
150	21.432	35.886	25.051	0.662
160	19.411	35.642	25.407	0.690
170	18.702	35.566	25.531	0.716
180	16.589	35.305	25.847	0.739
190	14.942	35.087	26.052	0.760
200	13.726	35.010	26.253	0.779
250	11.649	34.849	26.538	0.862
300	10.803	34.786	26.644	0.937
350	9.659	34.718	26.790	1.007
400	8.955	34.668	26.866	1.071
450	8.234	34.627	26.946	1.132
500	7.670	34.609	27.016	1.190
550	7.131	34.587	27.076	1.245
600	6.709	34.567	27.118	1.297
650	6.340	34.554	27.157	1.348
700	6.062	34.545	27.186	1.397
750	5.795	34.543	27.218	1.446
800	5.467	34.536	27.253	1.492
900	4.907	34.535	27.318	1.581
1000	4.385	34.546	27.385	1.663
1003	4.365	34.547	27.388	1.666

CAST EP5-92-DI -022 DATE 17 SEP 92 TIME 0210 GMT
LAT 04 58.4S LONG 140 01.4W

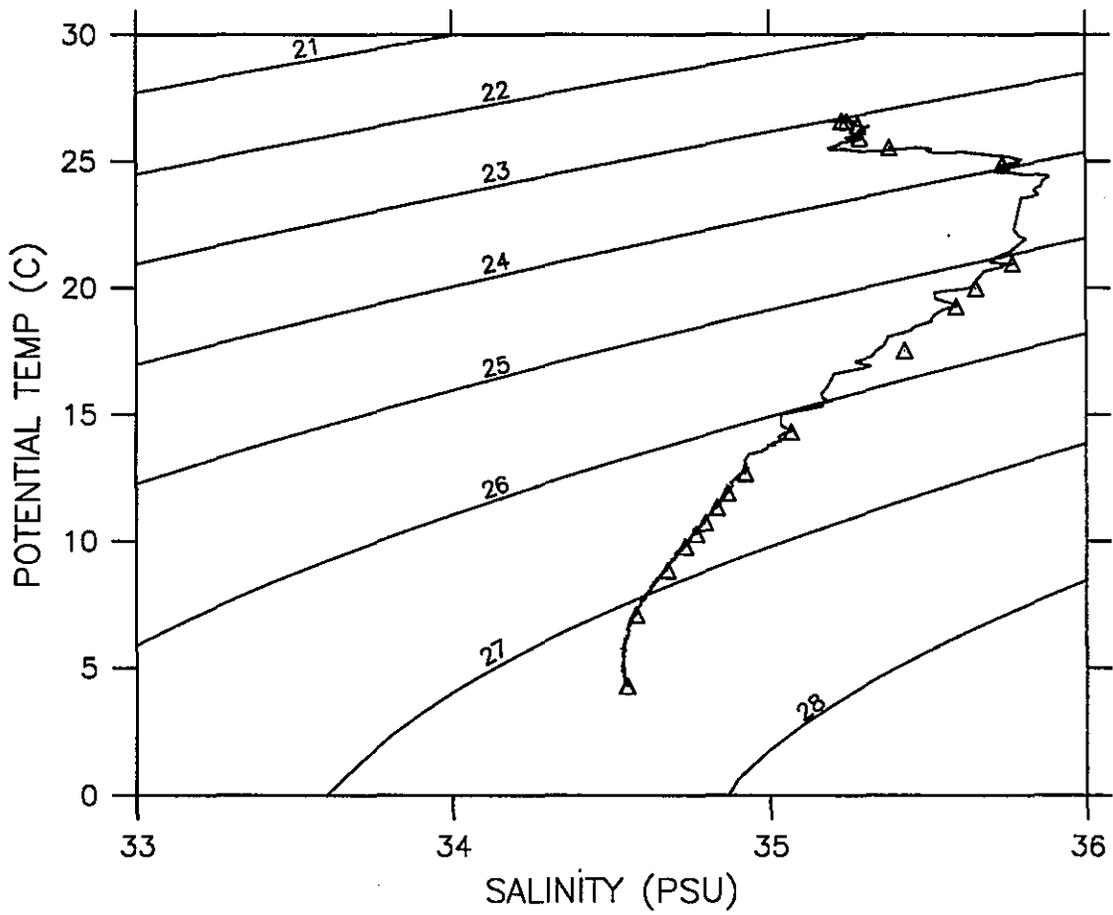


CAST EP5-92-DI -022 DATE 17 SEP 92 TIME 0210 GMT
 LAT 04 58.4S LONG 140 01.4W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 090 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 27.8 WET 23.5 DEPTH M

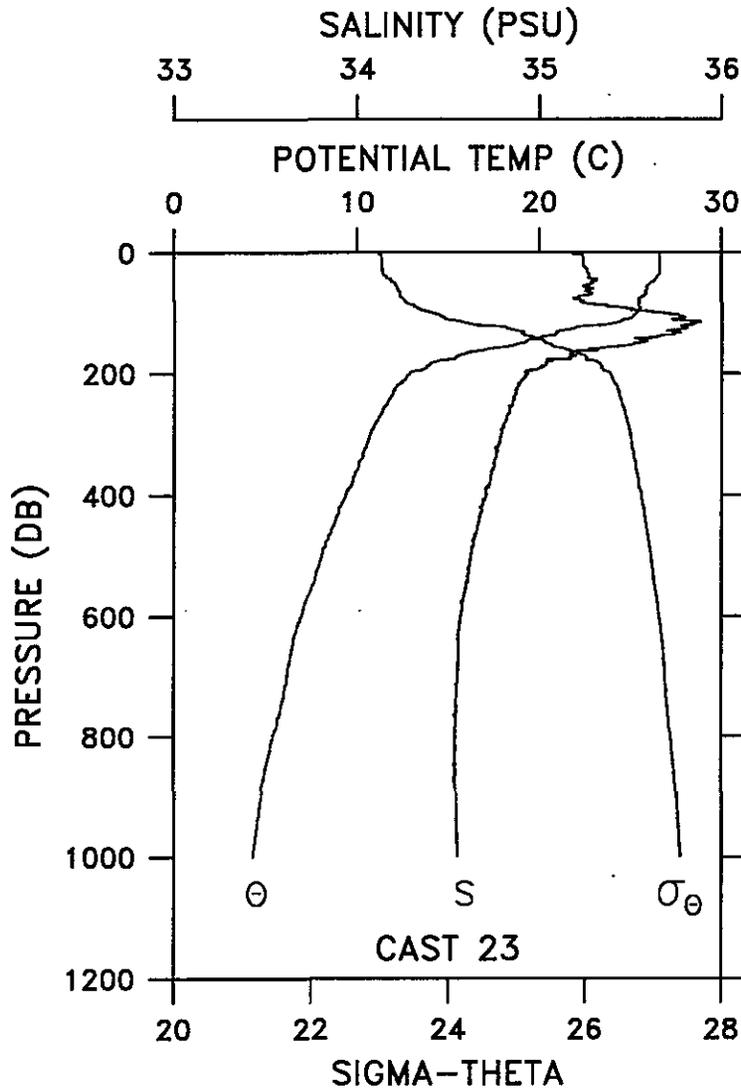


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.697	35.282	23.028	0.000
10	26.687	35.285	23.034	0.048
20	26.581	35.293	23.073	0.096
30	26.521	35.300	23.098	0.144
40	26.521	35.305	23.102	0.192
50	26.515	35.314	23.110	0.240
60	26.507	35.334	23.128	0.287
70	26.455	35.375	23.175	0.335
80	26.247	35.327	23.204	0.382
90	25.902	35.282	23.278	0.429
100	25.437	35.231	23.384	0.475
110	25.405	35.471	23.575	0.519
120	24.564	35.840	24.110	0.560
130	23.171	35.938	24.597	0.597
140	21.192	35.795	25.048	0.629
150	19.821	35.648	25.304	0.657
160	18.619	35.470	25.478	0.683
170	17.195	35.352	25.739	0.707
180	15.812	35.058	25.836	0.730
190	14.020	35.007	26.189	0.749
200	13.425	34.963	26.278	0.768
250	11.203	34.822	26.600	0.849
300	10.344	34.763	26.708	0.921
350	9.663	34.724	26.794	0.989
400	9.063	34.690	26.866	1.054
450	8.416	34.653	26.939	1.115
500	7.867	34.623	26.998	1.174
550	7.449	34.603	27.043	1.230
600	6.981	34.581	27.092	1.284
650	6.645	34.570	27.129	1.336
700	6.294	34.556	27.165	1.387
750	5.828	34.542	27.213	1.436
800	5.514	34.542	27.252	1.482
900	4.826	34.543	27.333	1.569
1000	4.279	34.556	27.404	1.649
1003	4.268	34.558	27.407	1.652

CAST EP5-92-DI -023 DATE 17 SEP 92 TIME 1101 GMT
LAT 06 00.1S LONG 140 00.1W

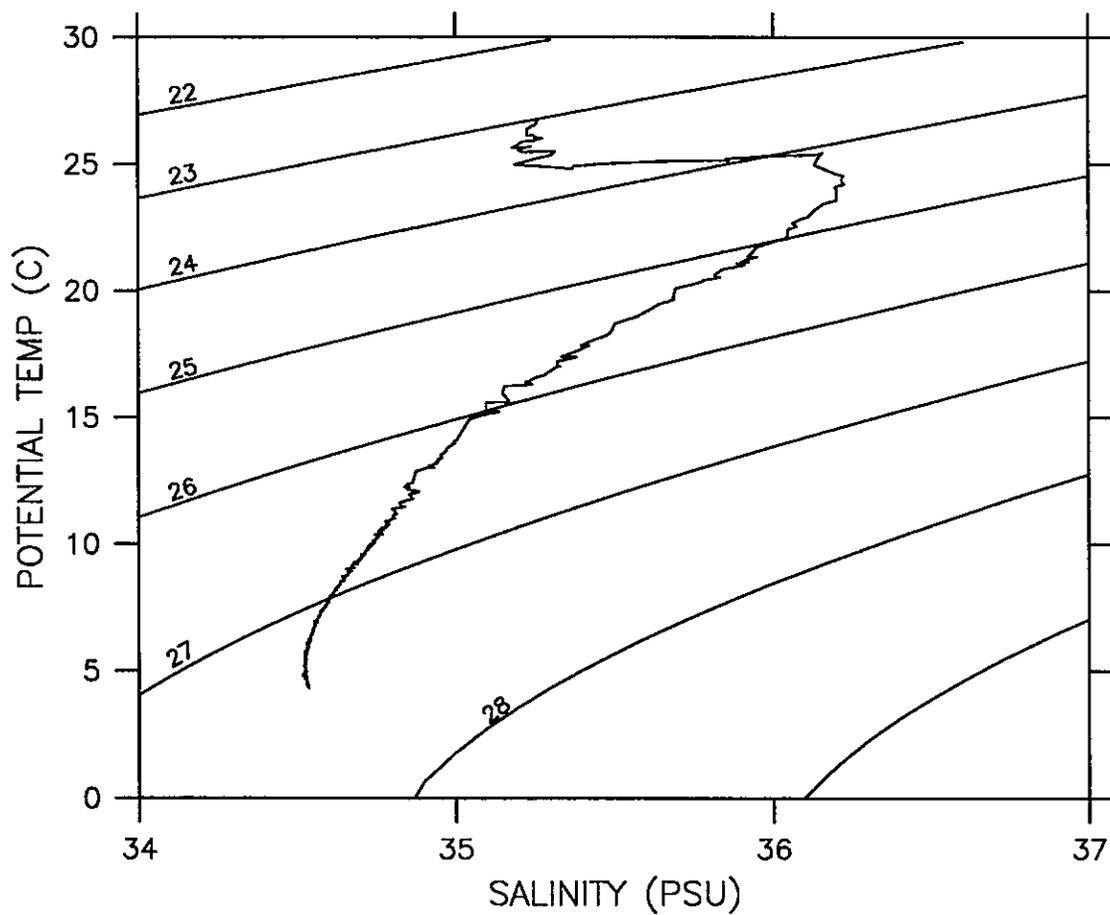


CAST EP5-92-DI-023 DATE 17 SEP 92 TIME 1101 GMT
 LAT 06 00.1S LONG 140 00.1W WEATHER 1 SEA STATE 4
 BAROMETER 11 WIND DIR 100 T SPD 20 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.5 WET 23.9 DEPTH M

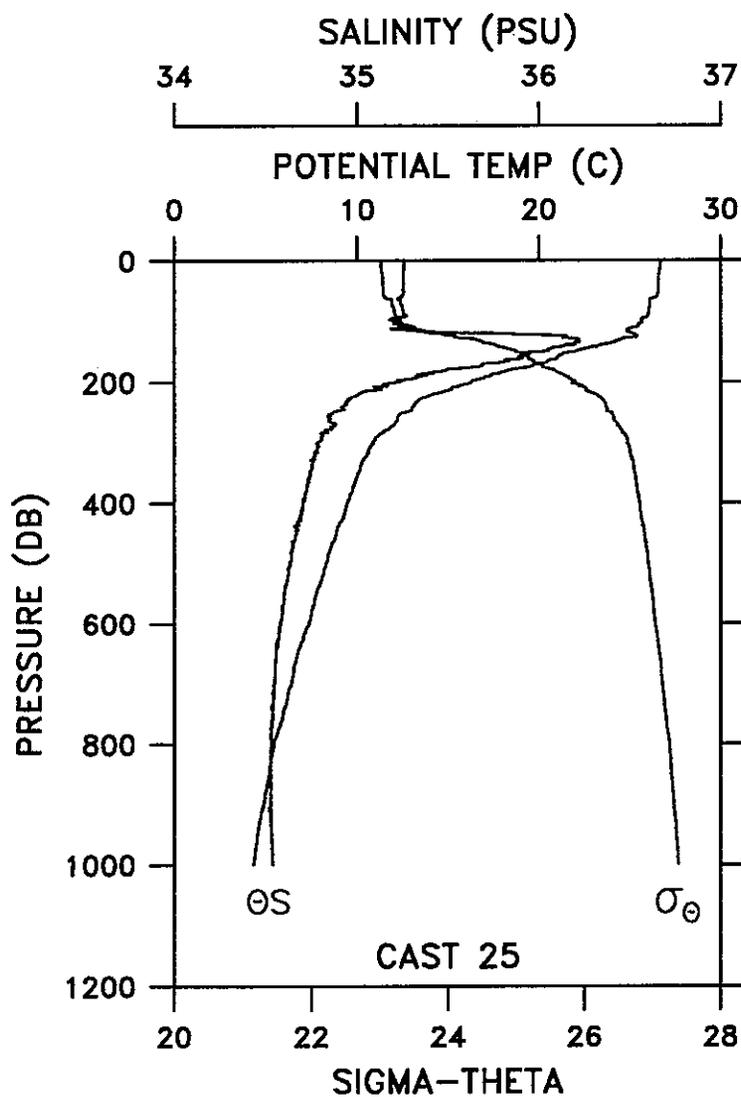


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.592	35.185	22.989	0.000
10	26.598	35.240	23.028	0.048
20	26.594	35.243	23.032	0.097
30	26.617	35.262	23.039	0.145
40	26.462	35.273	23.096	0.193
50	26.130	35.298	23.219	0.241
60	25.965	35.294	23.268	0.287
70	25.841	35.279	23.295	0.333
80	25.504	35.245	23.374	0.379
90	25.469	35.420	23.517	0.424
100	25.293	35.667	23.757	0.467
110	24.832	35.731	23.947	0.508
120	23.555	35.797	24.378	0.545
130	21.032	35.699	25.019	0.577
140	20.071	35.643	25.235	0.606
150	18.938	35.523	25.438	0.633
160	17.089	35.271	25.702	0.657
170	15.564	35.181	25.987	0.679
180	14.344	35.069	26.168	0.700
190	13.787	35.018	26.246	0.718
200	12.879	34.936	26.368	0.736
250	11.663	34.853	26.539	0.817
300	10.733	34.792	26.662	0.891
350	10.086	34.749	26.742	0.962
400	9.391	34.706	26.825	1.029
450	8.718	34.661	26.898	1.092
500	8.072	34.625	26.969	1.152
550	7.558	34.596	27.022	1.210
600	6.950	34.567	27.085	1.265
650	6.471	34.557	27.142	1.316
700	6.193	34.552	27.174	1.366
750	5.862	34.544	27.210	1.415
800	5.418	34.540	27.262	1.462
900	4.750	34.542	27.341	1.548
1000	4.312	34.550	27.396	1.629
1003	4.292	34.551	27.399	1.631

CAST EP5-92-DI -025 DATE 17 SEP 92 TIME 2102 GMT
LAT 07 00.3S LONG 140 00.0W



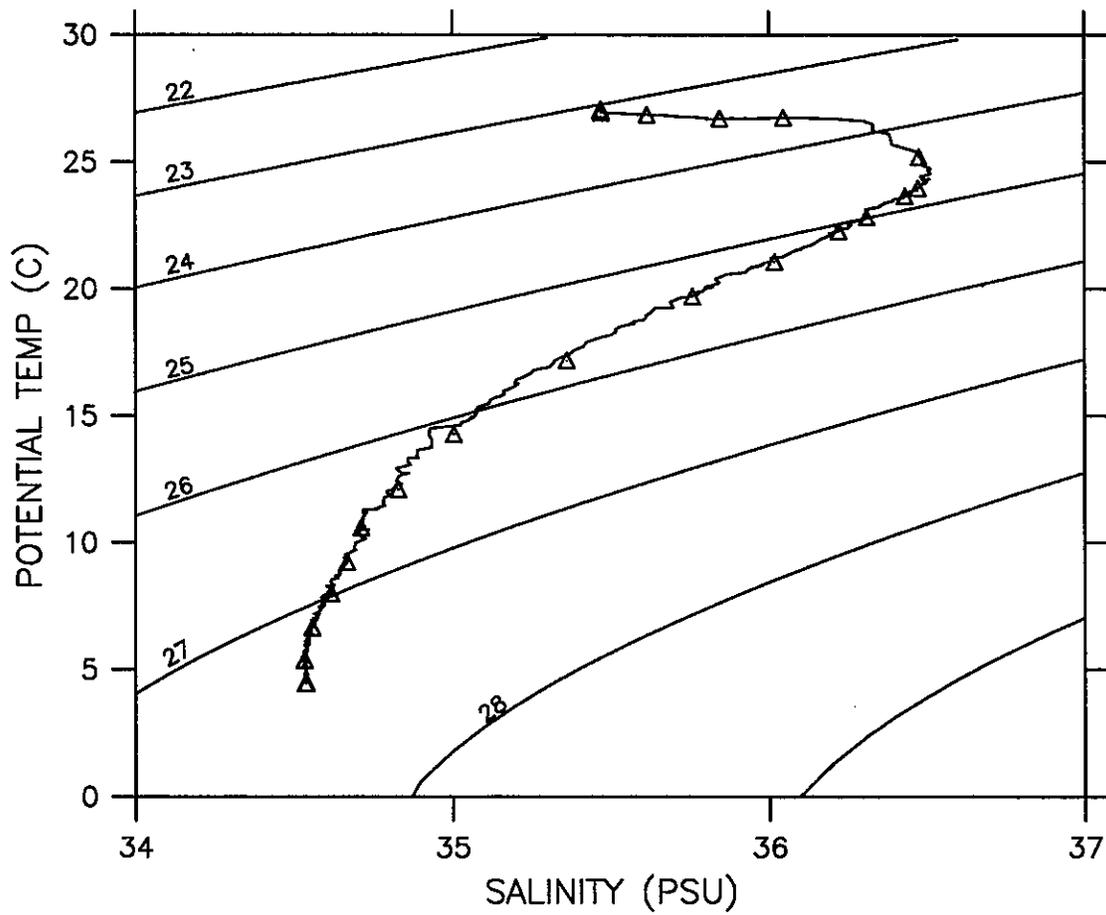
CAST EP5-92-DI -025 DATE 17 SEP 92 TIME 2102 GMT
 LAT 07 00.3S LONG 140 00.0W WEATHER SEA STATE 4
 BAROMETER 12 WIND DIR 095 T SPD 20 KT VISIBILITY 7
 CLOUD AMOUNT DRY 29.0 WET 24.0 DEPTH M



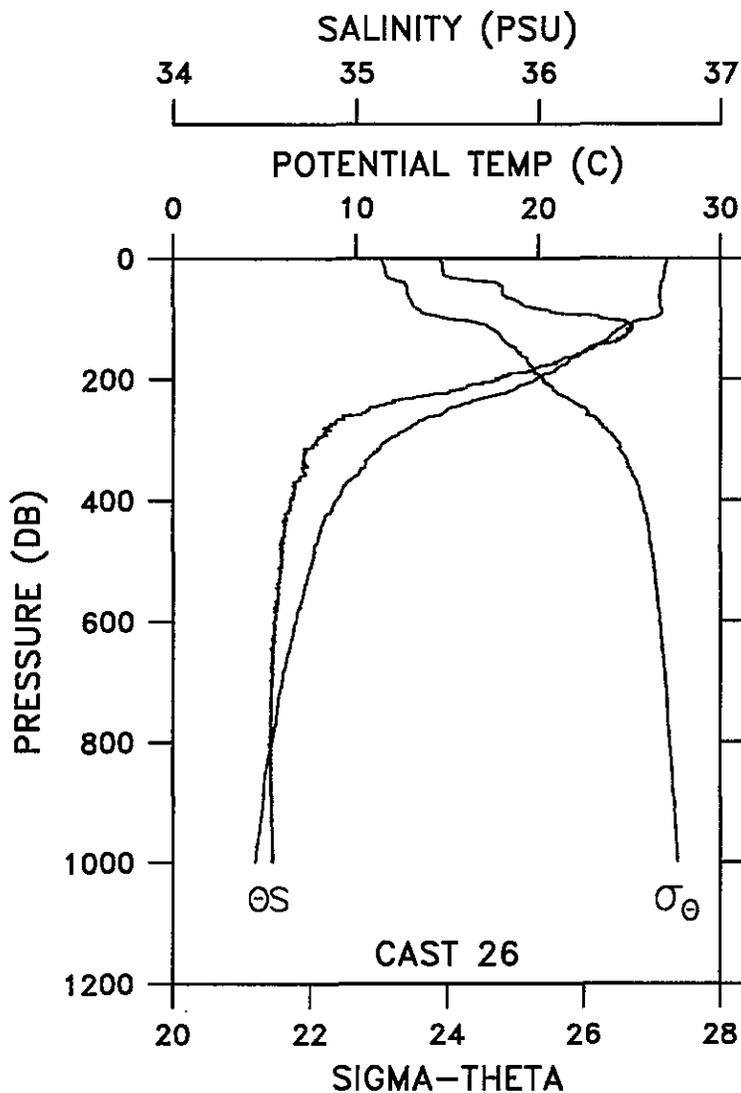
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.687	35.258	23.014	0.000
10	26.671	35.257	23.018	0.048
20	26.630	35.258	23.031	0.097
30	26.586	35.257	23.045	0.145
40	26.571	35.256	23.049	0.193
50	26.557	35.255	23.053	0.242
60	26.489	35.240	23.063	0.290
70	26.124	35.240	23.177	0.337
80	26.057	35.251	23.207	0.384
90	26.013	35.266	23.232	0.431
100	25.659	35.227	23.312	0.478
110	25.337	35.300	23.467	0.523
120	25.144	35.863	23.951	0.566
130	24.476	36.215	24.421	0.605
140	23.214	36.132	24.732	0.639
150	21.720	35.946	25.017	0.670
160	21.019	35.911	25.184	0.699
170	19.852	35.688	25.327	0.727
180	18.352	35.489	25.560	0.753
190	17.200	35.322	25.714	0.777
200	16.267	35.211	25.849	0.799
250	12.557	34.869	26.380	0.894
300	10.874	34.785	26.631	0.973
350	10.042	34.742	26.744	1.044
400	9.455	34.704	26.813	1.111
450	8.875	34.669	26.880	1.176
500	8.304	34.634	26.941	1.237
550	7.772	34.601	26.995	1.296
600	7.355	34.580	27.039	1.353
650	6.740	34.557	27.106	1.407
700	6.382	34.545	27.144	1.459
750	5.937	34.538	27.196	1.508
800	5.458	34.531	27.250	1.556
900	4.872	34.525	27.314	1.644
1000	4.347	34.539	27.383	1.726
1005	4.324	34.539	27.386	1.730

465

CAST EP5-92-DI -026 DATE 19 SEP 92 TIME 0025 GMT
LAT 10 00.1S LONG 135 00.5W



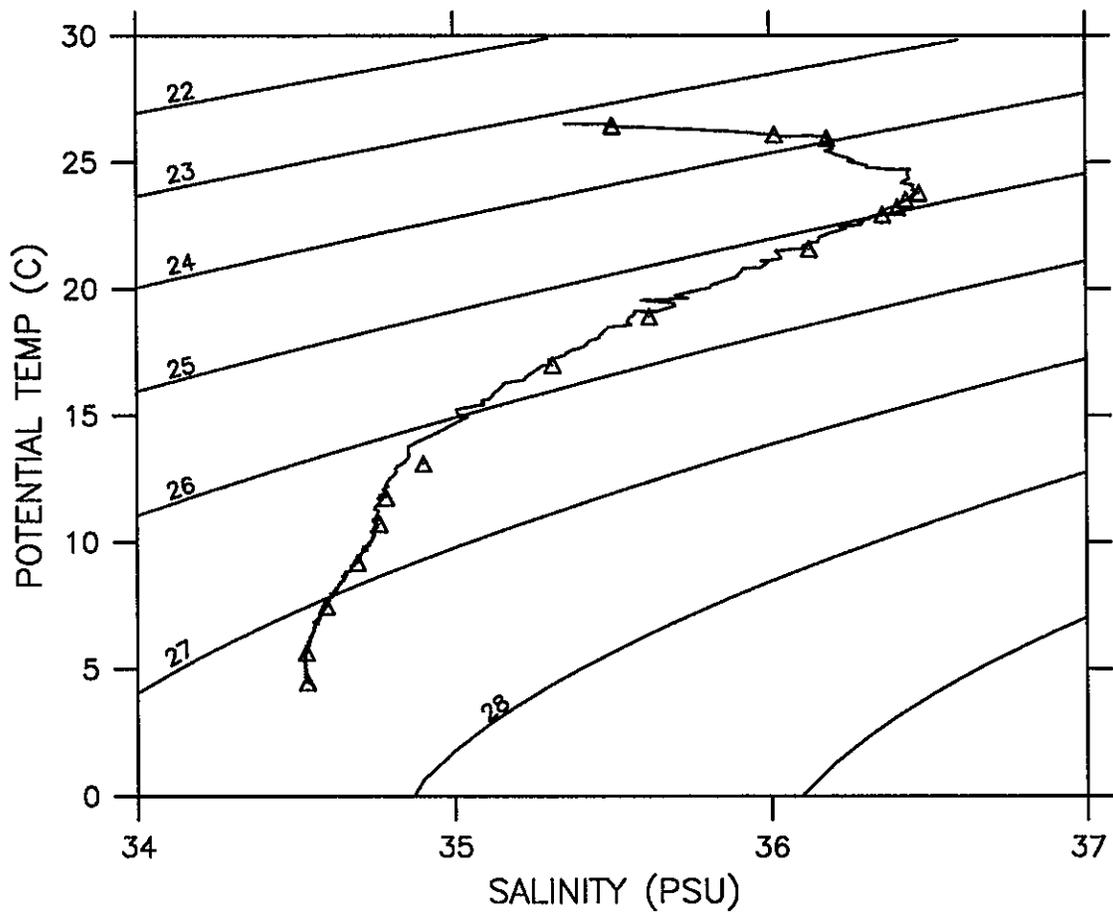
467

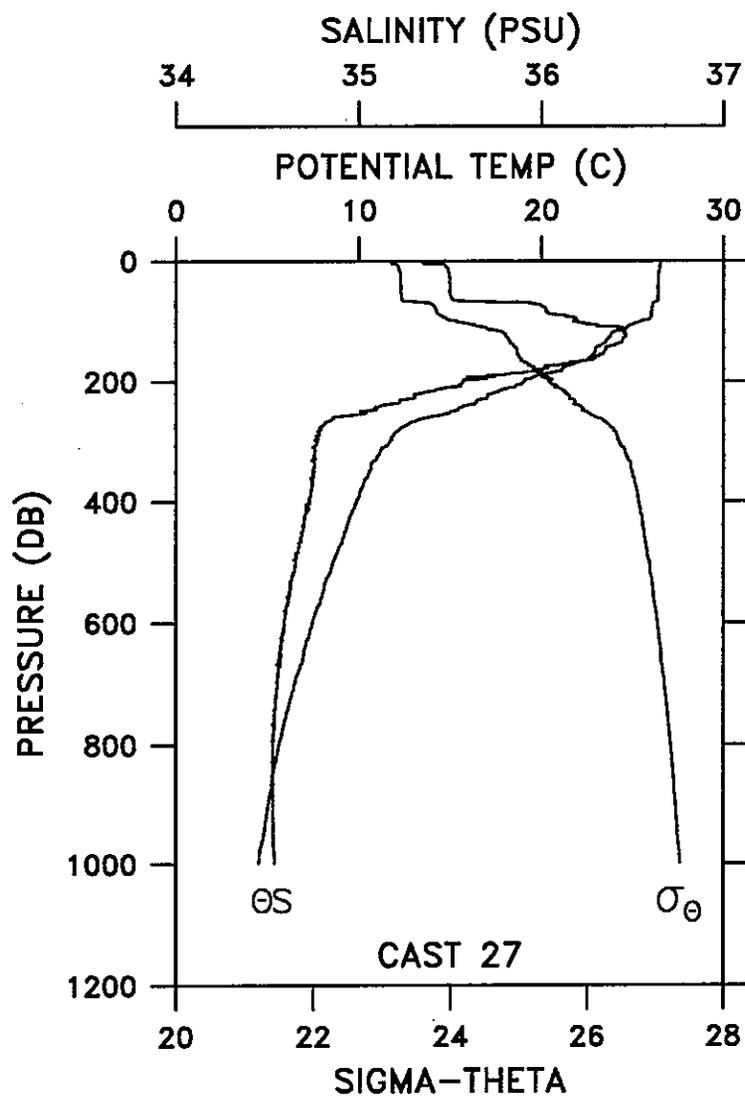


CAST EP5-92-DI -026 DATE 19 SEP 92 TIME 0025 GMT
 LAT 10 00.1S LONG 135 00.5W WEATHER SEA STATE 4
 BAROMETER 10 WIND DIR 115 T SPD 16 KT VISIBILITY 7
 CLOUD AMOUNT DRY 30.0 WET 23.1 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.078	35.458	23.040	0.000
10	27.018	35.472	23.070	0.048
20	26.942	35.477	23.098	0.096
30	26.915	35.507	23.129	0.144
40	26.753	35.770	23.379	0.190
50	26.727	35.804	23.413	0.235
60	26.694	35.805	23.424	0.280
70	26.723	35.884	23.474	0.324
80	26.719	35.942	23.519	0.368
90	26.735	36.086	23.623	0.412
100	26.159	36.356	24.009	0.453
110	24.754	36.514	24.562	0.489
120	24.293	36.486	24.680	0.523
130	23.898	36.472	24.788	0.556
140	23.450	36.393	24.861	0.587
150	22.715	36.291	24.997	0.618
160	22.218	36.202	25.072	0.648
170	21.635	36.108	25.164	0.677
180	21.067	36.001	25.239	0.705
190	20.589	35.867	25.267	0.733
200	19.896	35.779	25.385	0.760
250	15.036	35.071	26.020	0.880
300	11.800	34.788	26.463	0.972
350	10.242	34.709	26.683	1.049
400	8.917	34.645	26.854	1.116
450	8.074	34.611	26.957	1.176
500	7.599	34.587	27.009	1.234
550	7.125	34.571	27.064	1.289
600	6.698	34.551	27.106	1.342
650	6.318	34.543	27.151	1.393
700	5.944	34.541	27.197	1.442
750	5.672	34.537	27.228	1.490
800	5.423	34.534	27.256	1.536
900	4.892	34.538	27.321	1.623
1000	4.468	34.545	27.375	1.706
1003	4.457	34.547	27.377	1.709

CAST EP5-92-DI -027 DATE 20 SEP 92 TIME 2040 GMT
LAT 10 00.1S LONG 125 00.0W

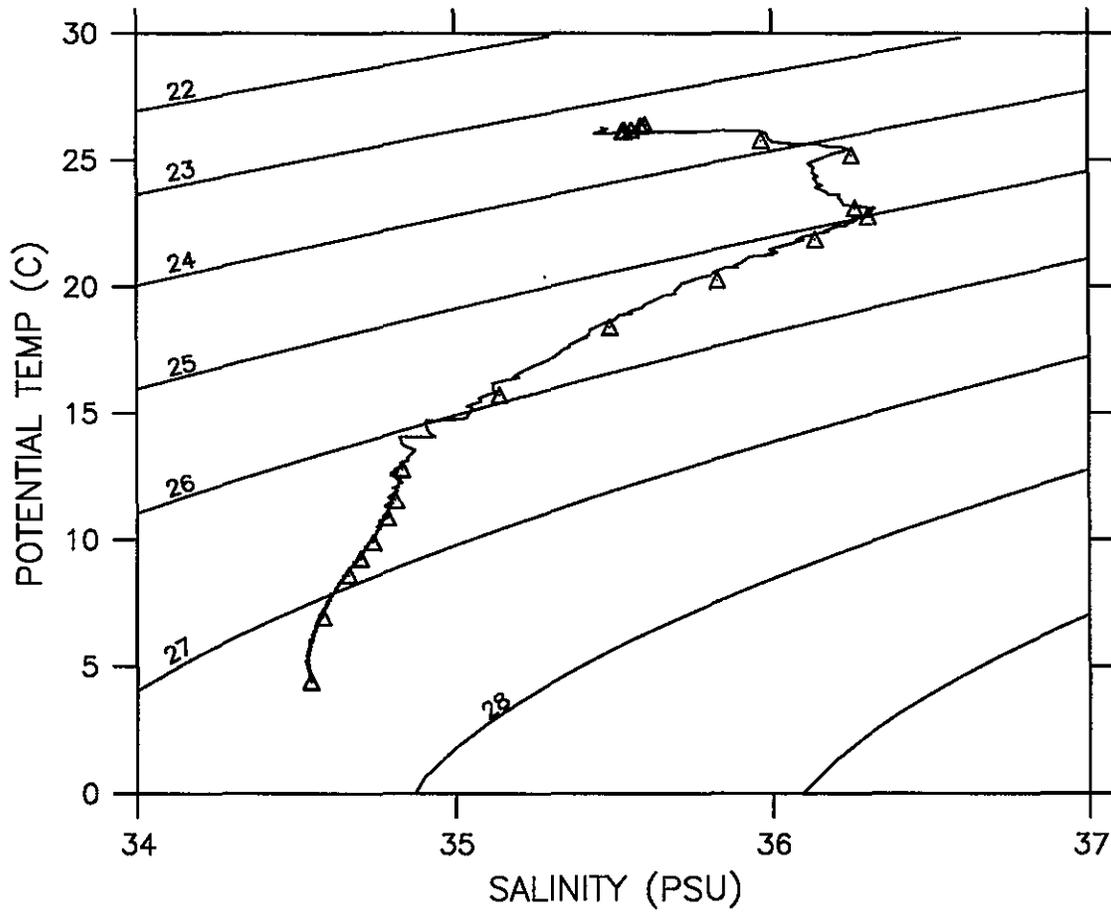




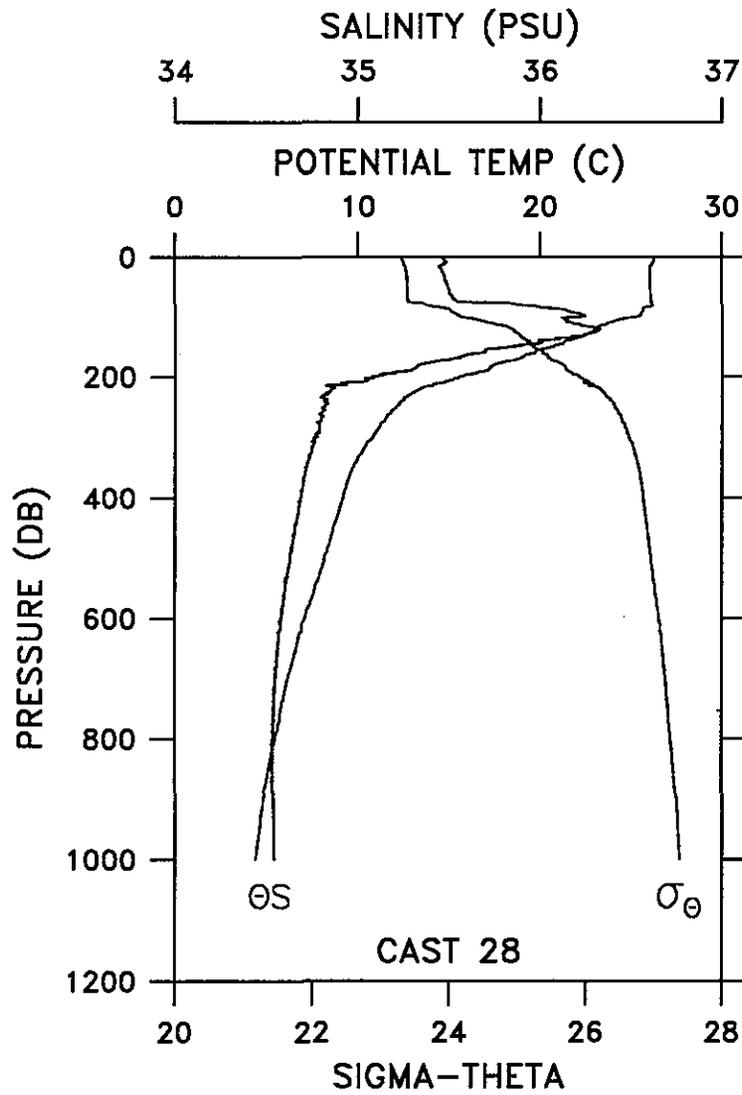
CAST EP5-92-D1 -027 DATE 20 SEP 92 TIME 2040 GMT
 LAT 10 00.1S LONG 125 00.0W WEATHER SEA STATE 3
 BAROMETER 12 WIND DIR 080 T SPD 18 KT VISIBILITY 7
 CLOUD AMOUNT DRY 28.8 WET 23.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.530	35.350	23.133	0.000
10	26.503	35.476	23.237	0.047
20	26.441	35.492	23.268	0.093
30	26.427	35.496	23.276	0.139
40	26.420	35.498	23.279	0.185
50	26.417	35.495	23.278	0.231
60	26.413	35.505	23.287	0.277
70	26.155	35.946	23.700	0.322
80	26.074	36.025	23.786	0.364
90	26.058	36.127	23.868	0.405
100	25.465	36.175	24.088	0.445
110	24.716	36.425	24.507	0.482
120	23.842	36.463	24.798	0.515
130	23.610	36.448	24.855	0.547
140	23.259	36.404	24.925	0.578
150	22.932	36.348	24.977	0.608
160	22.650	36.291	25.015	0.639
170	21.864	36.153	25.134	0.668
180	21.099	35.974	25.210	0.697
190	19.740	35.700	25.366	0.724
200	19.045	35.570	25.447	0.751
250	15.052	35.013	25.971	0.867
300	11.685	34.770	26.471	0.957
350	10.587	34.758	26.661	1.033
400	9.863	34.728	26.763	1.104
450	9.249	34.688	26.834	1.170
500	8.575	34.653	26.914	1.234
550	8.059	34.623	26.969	1.294
600	7.448	34.595	27.037	1.351
650	6.992	34.570	27.082	1.406
700	6.485	34.554	27.137	1.459
750	6.046	34.539	27.183	1.509
800	5.621	34.530	27.229	1.557
900	5.038	34.530	27.298	1.648
1000	4.496	34.532	27.361	1.733
1008	4.449	34.542	27.374	1.739

CAST EP5-92-DI -028 DATE 22 SEP 92 TIME 0213 GMT
LAT 07 57.6S LONG 125 01.7W

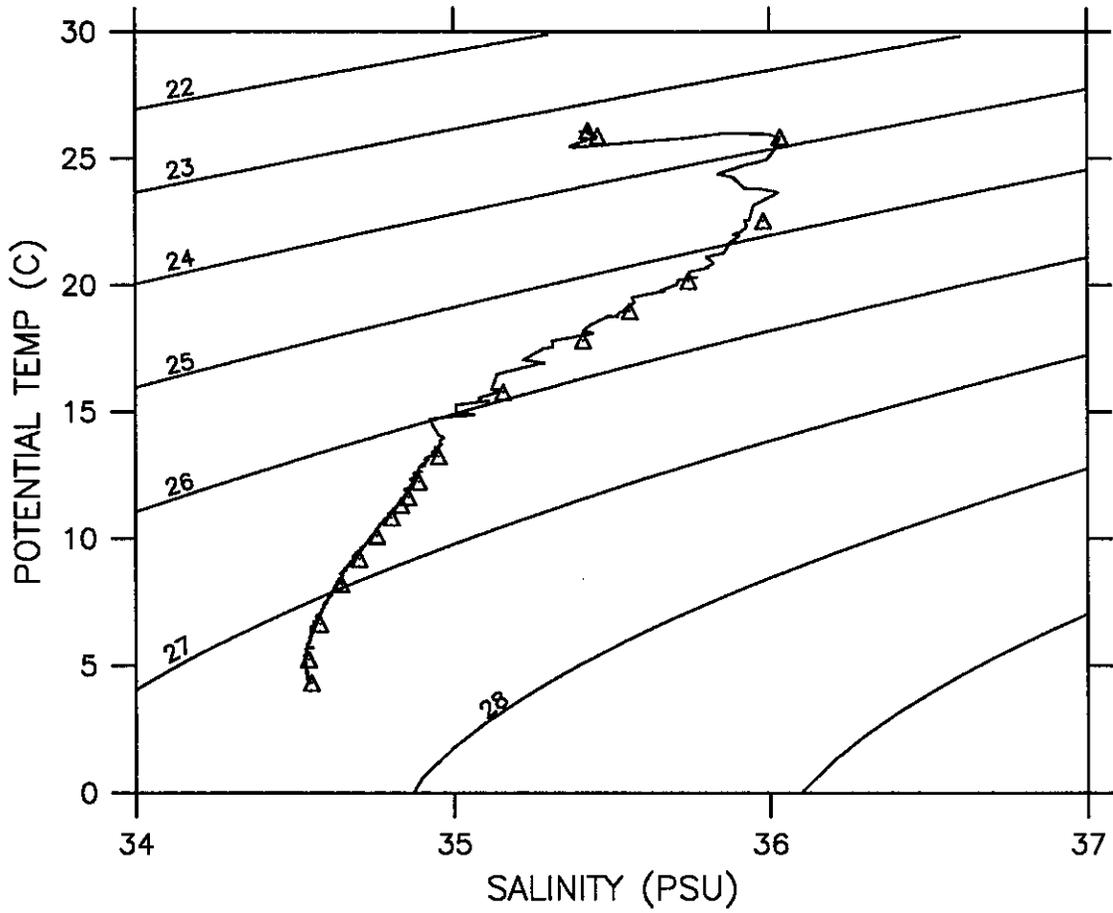


CAST EP5-92-DI -028 DATE 22 SEP 92 TIME 0213 GMT
 LAT 07 57.6S LONG 125 01.7W WEATHER SEA STATE 3
 BAROMETER 10 WIND DIR 090 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 27.0 WET 22.8 DEPTH M

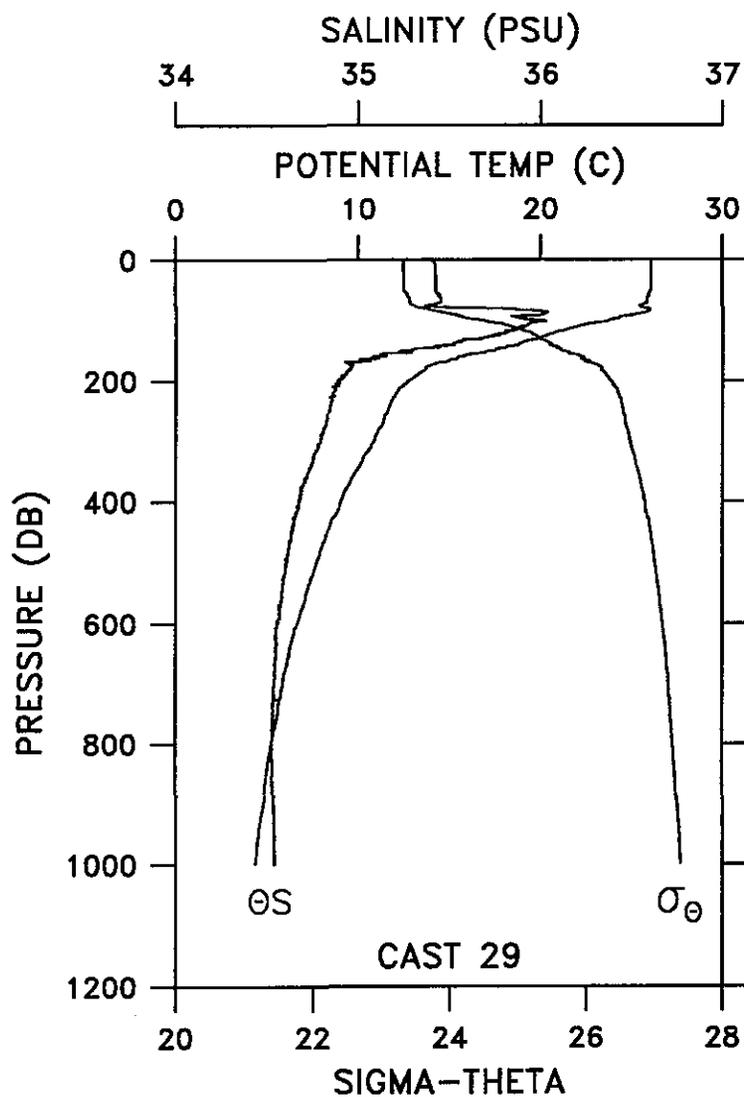


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.277	35.466	23.300	0.000
10	26.200	35.470	23.328	0.046
20	26.035	35.456	23.369	0.091
30	26.040	35.470	23.378	0.136
40	26.044	35.483	23.386	0.181
50	26.063	35.496	23.390	0.226
60	26.074	35.504	23.393	0.271
70	26.100	35.522	23.398	0.316
80	26.138	35.875	23.652	0.360
90	25.636	36.144	24.012	0.401
100	25.401	36.241	24.158	0.440
110	23.914	36.141	24.533	0.476
120	23.149	36.302	24.879	0.508
130	22.545	36.255	25.018	0.539
140	21.461	35.992	25.124	0.568
150	20.727	35.851	25.217	0.596
160	19.721	35.695	25.367	0.624
170	18.879	35.521	25.452	0.650
180	17.522	35.345	25.655	0.674
190	17.073	35.286	25.718	0.698
200	15.584	35.074	25.900	0.720
250	12.075	34.815	26.431	0.813
300	10.776	34.757	26.627	0.891
350	9.718	34.711	26.774	0.960
400	9.174	34.685	26.844	1.025
450	8.650	34.657	26.905	1.088
500	8.161	34.628	26.958	1.149
550	7.642	34.603	27.015	1.207
600	7.091	34.577	27.073	1.262
650	6.623	34.564	27.127	1.315
700	6.173	34.550	27.175	1.365
750	5.806	34.538	27.212	1.413
800	5.475	34.537	27.252	1.460
900	4.809	34.536	27.329	1.548
1000	4.410	34.544	27.380	1.630
1001	4.408	34.544	27.380	1.631

CAST EP5-92-DI -029 DATE 22 SEP 92 TIME 1250 GMT
LAT 05 59.8S LONG 125 00.1W

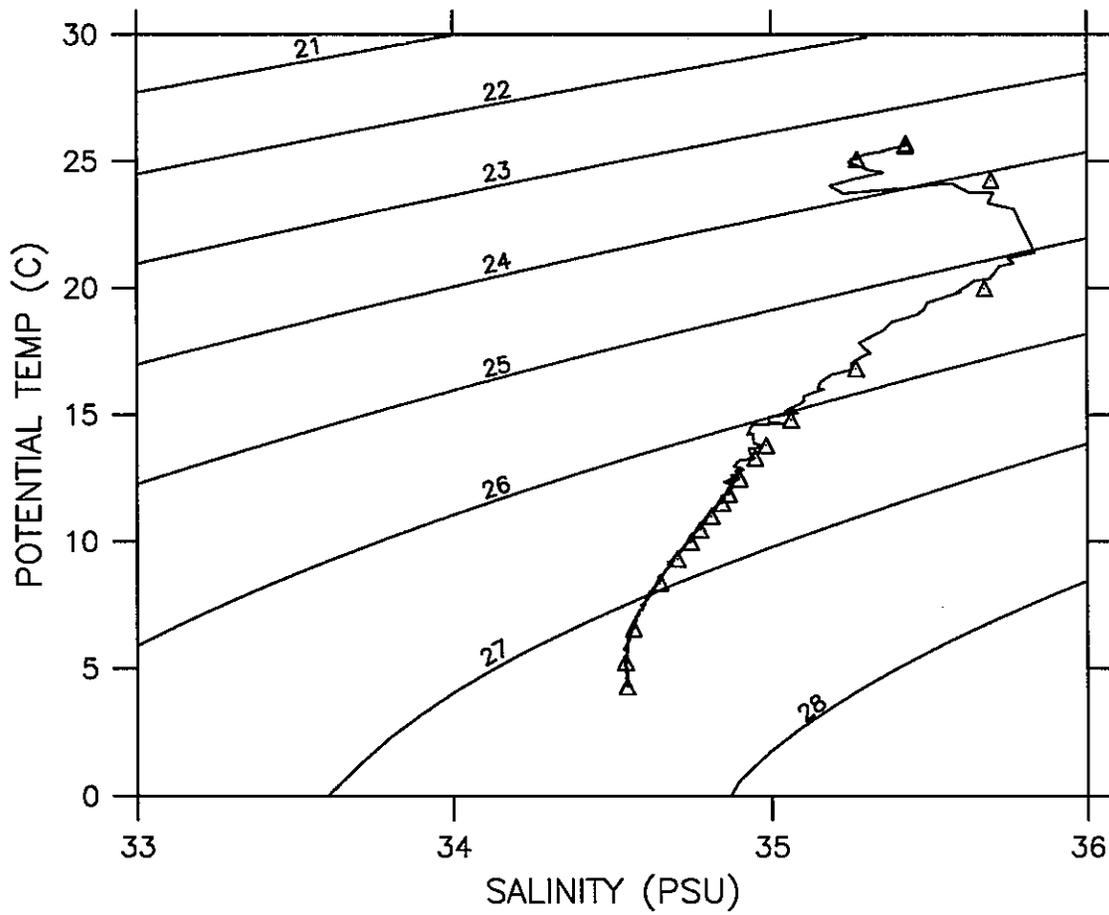


CAST EP5-92-DI -029 DATE 22 SEP 92 TIME 1250 GMT
 LAT 05 59.8S LONG 125 00.1W WEATHER SEA STATE 3
 BAROMETER 10 WIND DIR 105 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.0 WET 22.0 DEPTH M

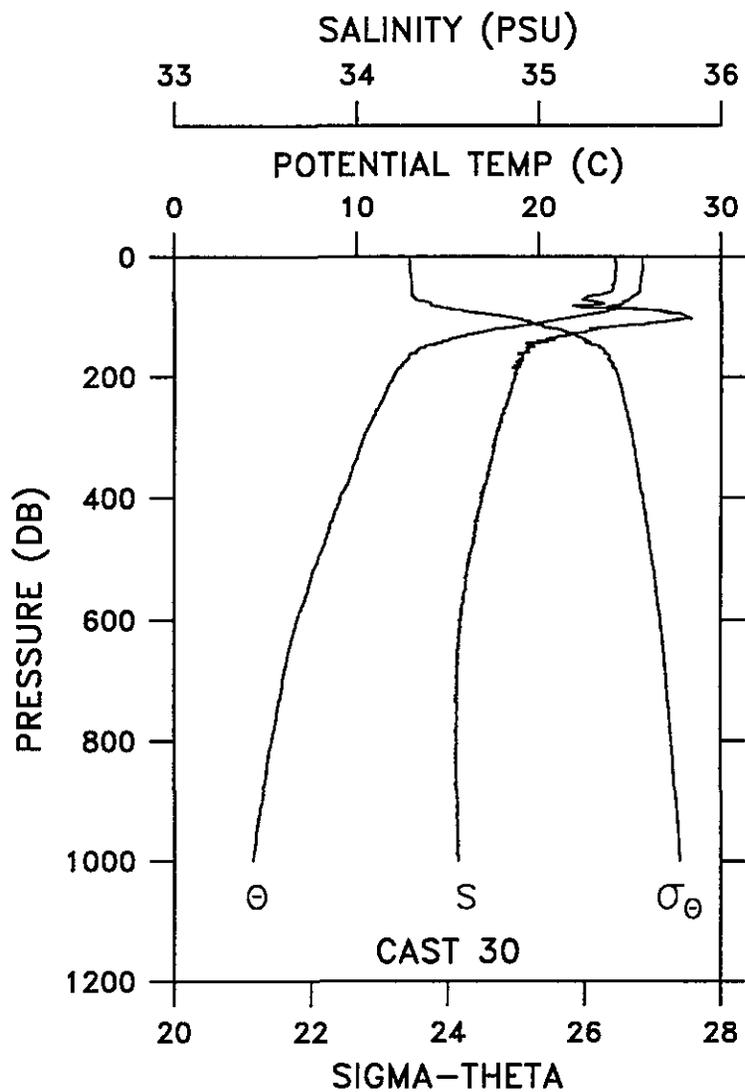


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.068	35.402	23.318	0.000
10	26.087	35.421	23.326	0.045
20	26.082	35.423	23.329	0.091
30	26.083	35.424	23.329	0.136
40	26.085	35.424	23.329	0.182
50	26.072	35.423	23.332	0.228
60	25.941	35.441	23.387	0.273
70	25.848	35.450	23.422	0.318
80	25.832	35.761	23.662	0.362
90	25.155	36.005	24.055	0.403
100	23.692	36.017	24.504	0.440
110	21.987	35.886	24.896	0.473
120	20.702	35.801	25.186	0.502
130	19.781	35.659	25.324	0.530
140	18.752	35.525	25.487	0.556
150	17.497	35.285	25.615	0.581
160	15.541	35.079	25.914	0.603
170	14.352	34.939	26.066	0.624
180	13.644	34.955	26.227	0.643
190	13.246	34.922	26.283	0.661
200	12.734	34.889	26.360	0.678
250	11.608	34.840	26.539	0.759
300	10.843	34.788	26.639	0.834
350	9.860	34.727	26.763	0.904
400	9.035	34.676	26.859	0.970
450	8.297	34.629	26.938	1.031
500	7.684	34.603	27.009	1.089
550	7.135	34.579	27.068	1.144
600	6.634	34.556	27.119	1.197
650	6.199	34.550	27.172	1.247
700	5.864	34.541	27.207	1.295
750	5.574	34.532	27.236	1.342
800	5.248	34.528	27.272	1.388
900	4.789	34.532	27.328	1.474
1000	4.350	34.543	27.386	1.555
1004	4.313	34.543	27.390	1.559

CAST EP5-92-DI -030 DATE 23 SEP 92 TIME 0705 GMT
LAT 05 00.0S LONG 125 00.1W



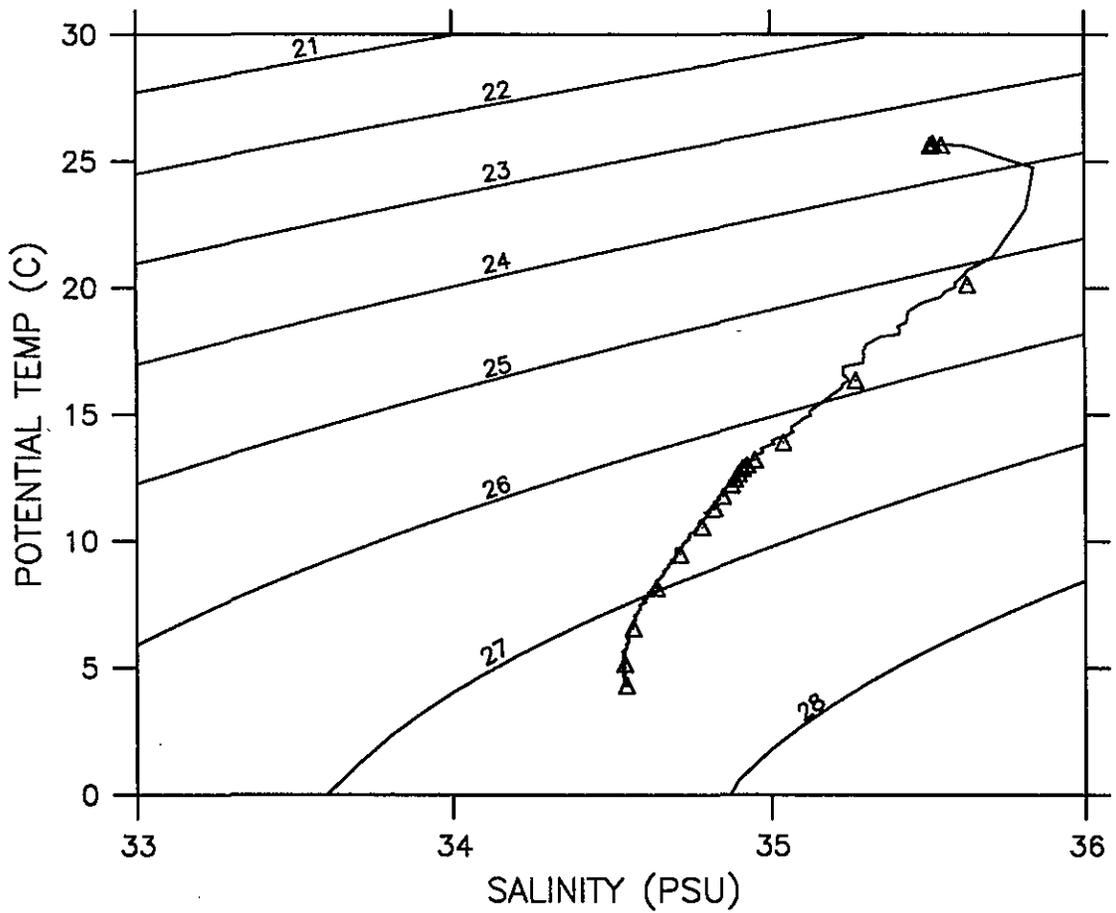
CAST EP5-92-DI-030 DATE 23 SEP 92 TIME 0705 GMT
 LAT 05 00.0S LONG 125 00.1W WEATHER SEA STATE 3
 BAROMETER 14 WIND DIR 080 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.0 WET 21.5 DEPTH M



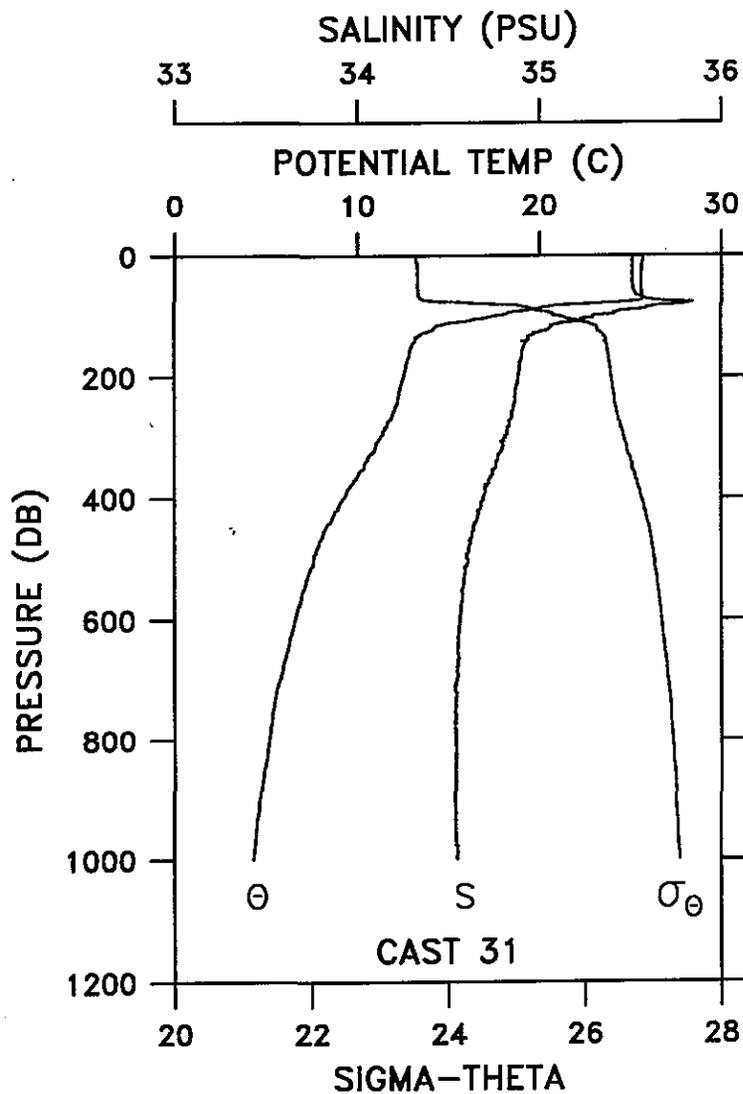
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.706	35.421	23.445	0.000
10	25.707	35.423	23.446	0.044
20	25.708	35.425	23.447	0.089
30	25.659	35.421	23.459	0.133
40	25.619	35.419	23.470	0.177
50	25.571	35.407	23.475	0.222
60	25.497	35.382	23.480	0.266
70	25.066	35.251	23.513	0.310
80	24.555	35.353	23.745	0.353
90	23.757	35.627	24.190	0.393
100	22.159	35.807	24.788	0.428
110	20.279	35.645	25.181	0.458
120	17.844	35.277	25.524	0.485
130	16.052	35.146	25.849	0.508
140	14.925	34.993	25.983	0.529
150	13.761	34.966	26.211	0.548
160	13.247	34.944	26.300	0.566
170	12.835	34.912	26.358	0.583
180	12.499	34.898	26.414	0.600
190	12.162	34.875	26.461	0.617
200	11.989	34.867	26.488	0.633
250	11.209	34.819	26.597	0.710
300	10.367	34.763	26.704	0.782
350	9.764	34.726	26.778	0.851
400	9.066	34.682	26.859	0.916
450	8.493	34.653	26.926	0.978
500	7.883	34.617	26.991	1.037
550	7.330	34.595	27.054	1.093
600	6.729	34.563	27.112	1.146
650	6.295	34.552	27.161	1.197
700	5.934	34.550	27.206	1.245
750	5.640	34.549	27.241	1.292
800	5.328	34.548	27.278	1.338
900	4.795	34.549	27.341	1.423
1000	4.295	34.559	27.404	1.503
1005	4.280	34.560	27.407	1.507

475

CAST EP5-92-DI -031 DATE 23 SEP 92 TIME 1747 GMT
LAT 04 00.1S LONG 125 00.0W



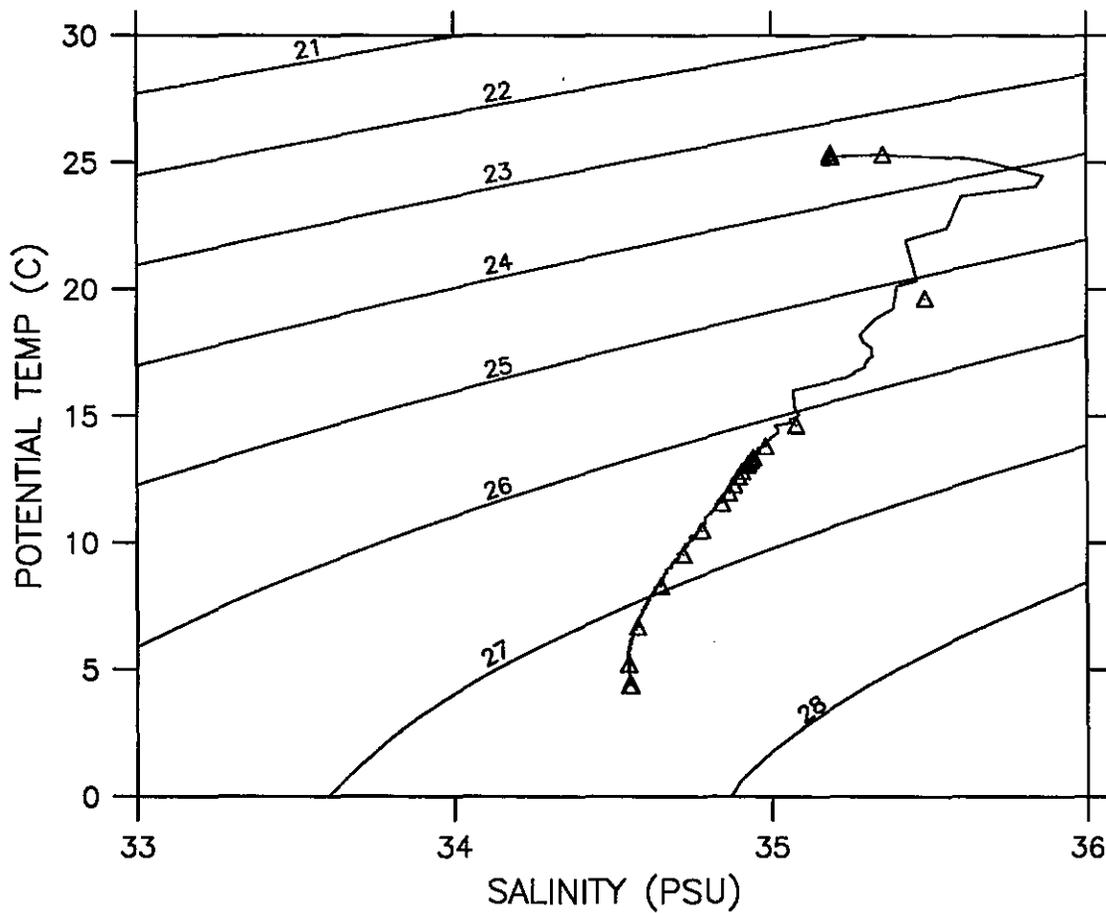
477



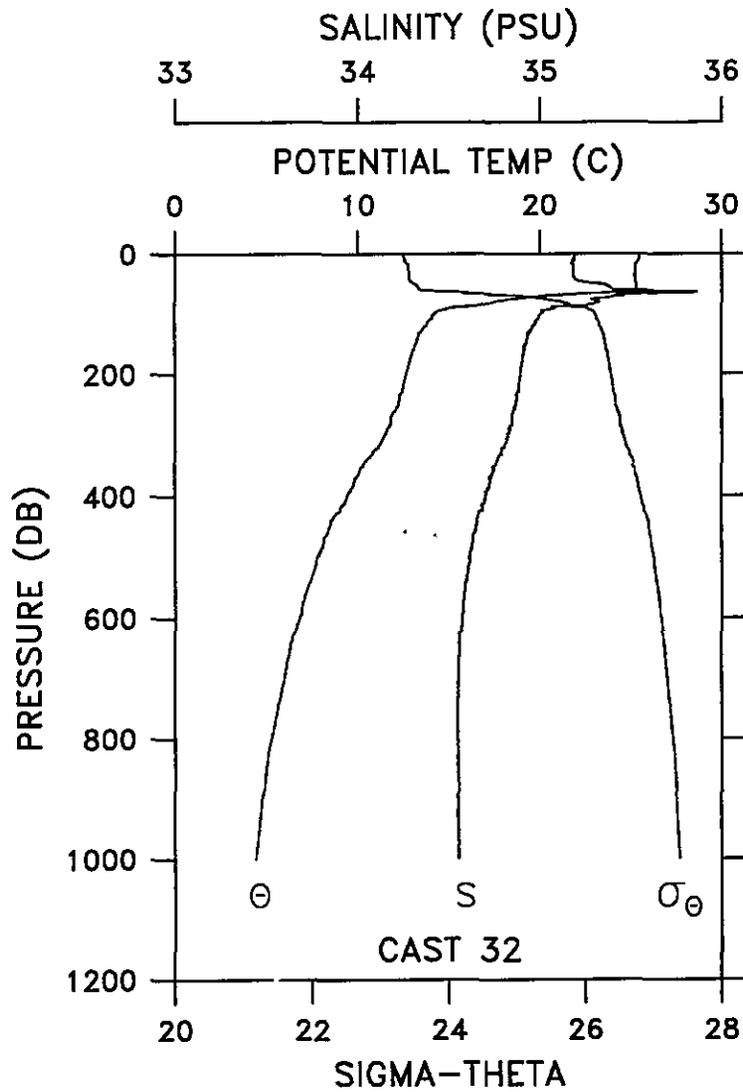
CAST EP5-92-DI-031 DATE 23 SEP 92 TIME 1747 GMT
 LAT 04 00.1S LONG 125 00.0W WEATHER SEA STATE 3
 BAROMETER 14 WIND DIR 090 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.5 WET 22.3 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.672	35.513	23.525	0.000
10	25.650	35.506	23.526	0.044
20	25.609	35.510	23.542	0.087
30	25.599	35.505	23.541	0.131
40	25.595	35.506	23.543	0.174
50	25.598	35.511	23.546	0.218
60	25.607	35.520	23.550	0.261
70	25.654	35.572	23.574	0.305
80	23.145	35.817	24.513	0.345
90	19.645	35.545	25.272	0.375
100	17.511	35.294	25.618	0.400
110	15.524	35.167	25.985	0.422
120	14.228	35.057	26.184	0.441
130	13.521	34.974	26.267	0.460
140	13.190	34.939	26.308	0.477
150	12.997	34.918	26.330	0.495
160	12.895	34.908	26.343	0.512
170	12.804	34.903	26.357	0.529
180	12.720	34.896	26.369	0.546
190	12.647	34.891	26.379	0.563
200	12.558	34.884	26.391	0.580
250	12.116	34.860	26.458	0.663
300	11.295	34.818	26.580	0.742
350	10.396	34.761	26.697	0.815
400	9.255	34.687	26.832	0.883
450	8.263	34.638	26.950	0.944
500	7.622	34.602	27.017	1.002
550	7.080	34.576	27.074	1.057
600	6.601	34.562	27.128	1.109
650	6.201	34.552	27.173	1.159
700	5.764	34.548	27.225	1.207
750	5.386	34.538	27.263	1.252
800	5.168	34.539	27.290	1.296
900	4.680	34.538	27.345	1.381
1000	4.309	34.551	27.396	1.461
1005	4.305	34.551	27.397	1.465

CAST EP5-92-DI -032 DATE 24 SEP 92 TIME 0141 GMT
LAT 03 00.0S LONG 125 00.1W



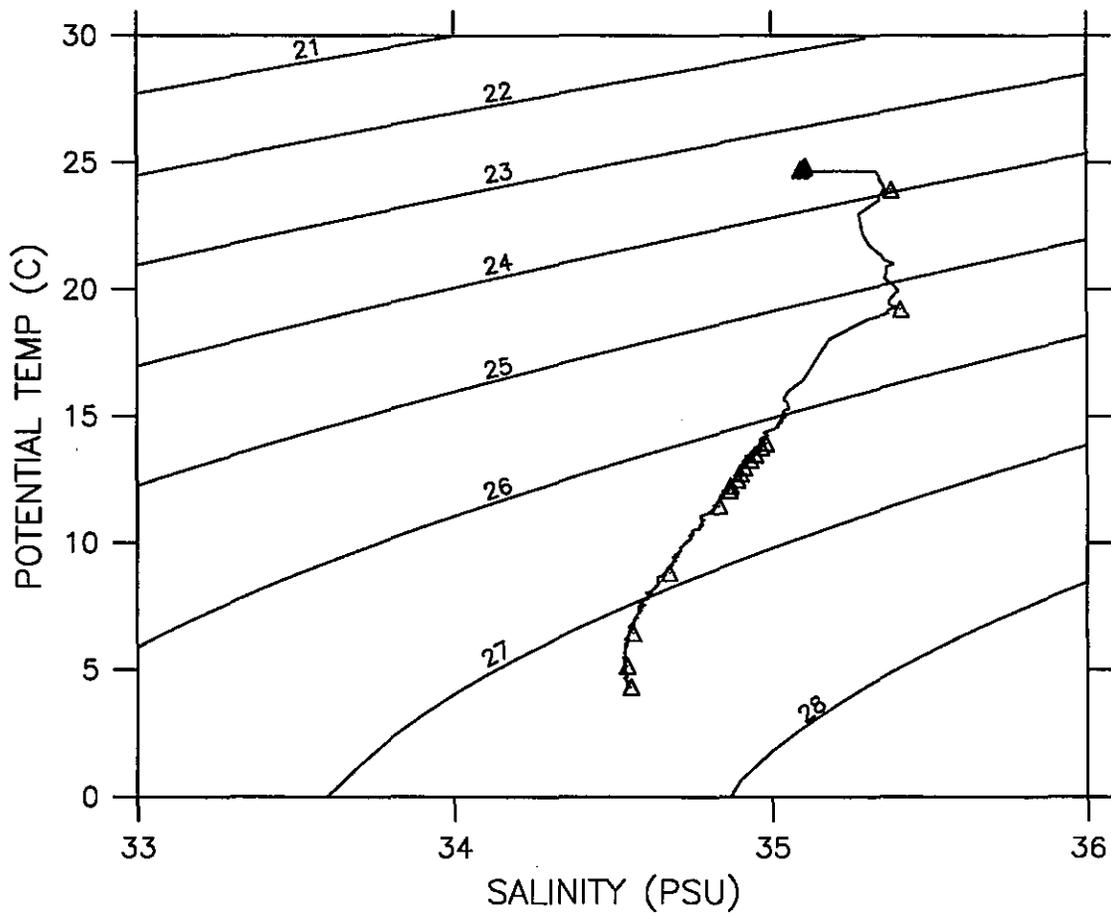
479



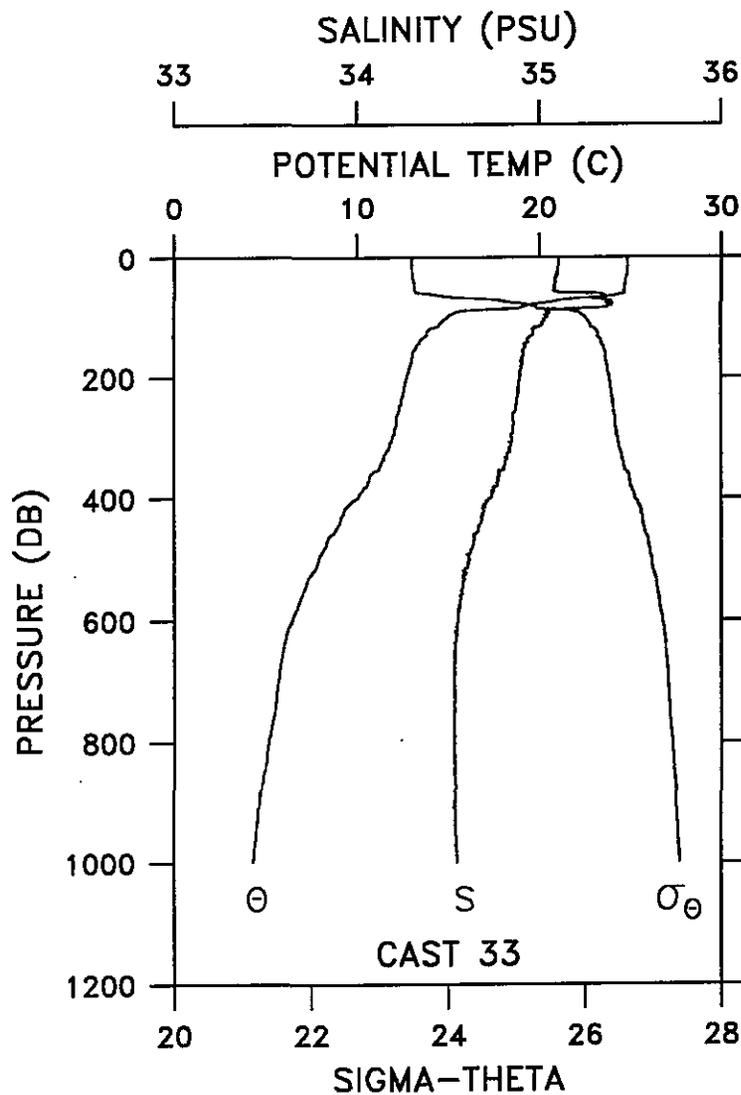
CAST EP5-92-DI -032 DATE 24 SEP 92 TIME 0141 GMT
 LAT 03 00.0S LONG 125 00.1W WEATHER SEA STATE 3
 BAROMETER 10 WIND DIR 100 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.5 WET 22.1 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.488	35.189	23.337	0.000
10	25.431	35.190	23.355	0.045
20	25.254	35.183	23.404	0.090
30	25.232	35.182	23.410	0.135
40	25.227	35.187	23.415	0.180
50	25.290	35.309	23.488	0.224
60	25.270	35.399	23.562	0.268
70	20.346	35.462	25.024	0.306
80	17.479	35.320	25.646	0.332
90	15.075	35.086	26.023	0.354
100	14.245	35.009	26.142	0.374
110	14.018	34.984	26.171	0.392
120	13.747	34.959	26.209	0.411
130	13.472	34.944	26.254	0.429
140	13.323	34.934	26.277	0.447
150	13.191	34.922	26.294	0.464
160	13.059	34.915	26.315	0.482
170	12.951	34.910	26.333	0.499
180	12.842	34.904	26.350	0.517
190	12.751	34.897	26.363	0.534
200	12.658	34.894	26.379	0.551
250	12.224	34.869	26.445	0.634
300	11.470	34.823	26.552	0.714
350	10.333	34.759	26.706	0.788
400	9.418	34.703	26.818	0.856
450	8.446	34.646	26.928	0.919
500	7.763	34.612	27.004	0.977
550	7.238	34.587	27.060	1.033
600	6.802	34.572	27.109	1.086
650	6.306	34.560	27.166	1.137
700	5.984	34.553	27.202	1.186
750	5.612	34.547	27.243	1.233
800	5.278	34.547	27.283	1.278
900	4.774	34.552	27.346	1.363
1000	4.413	34.554	27.387	1.444
1003	4.387	34.560	27.395	1.446

CAST EP5-92-DI -033 DATE 24 SEP 92 TIME 0806 GMT
LAT 02 00.0S LONG 125 00.0W

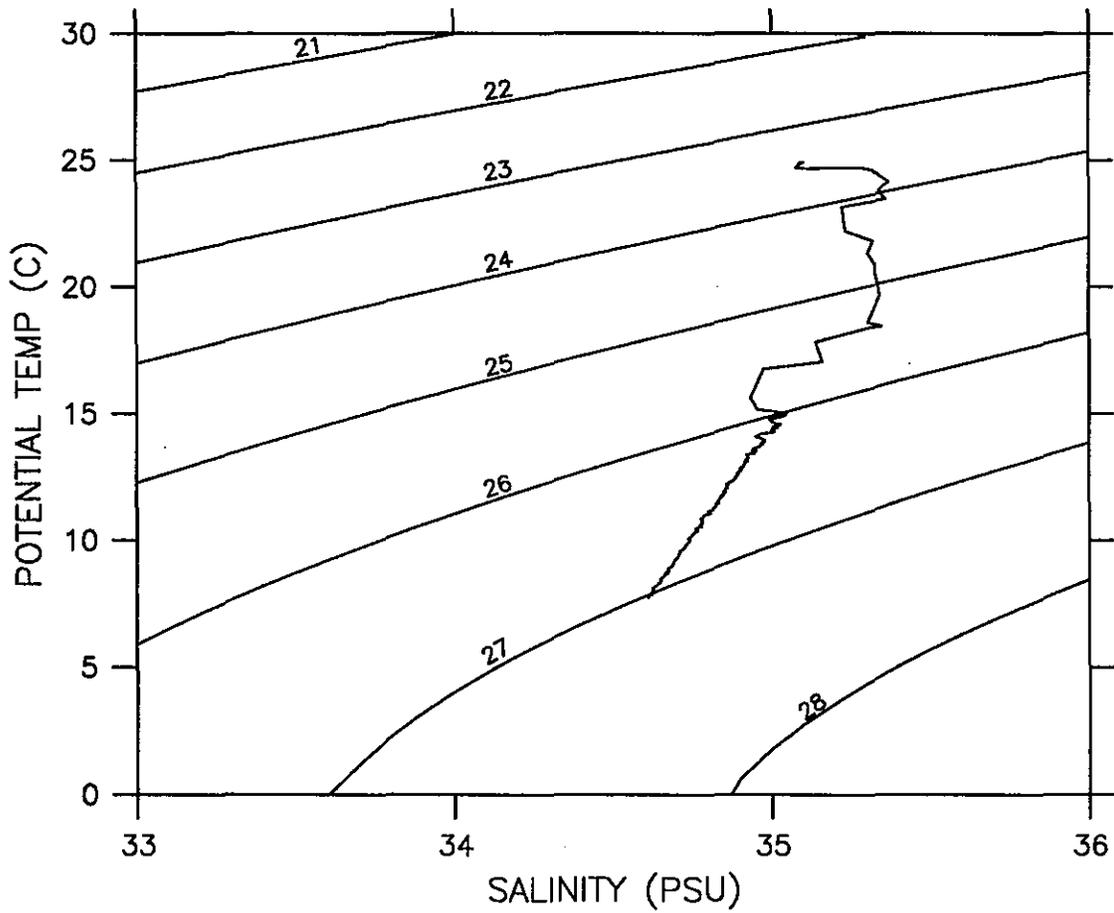


CAST EP5-92-DI -033 DATE 24 SEP 92 TIME 0806 GMT
 LAT 02 00.0S LONG 125 00.0W WEATHER SEA STATE 3
 BAROMETER 12 WIND DIR 085 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.8 WET 21.6 DEPTH M

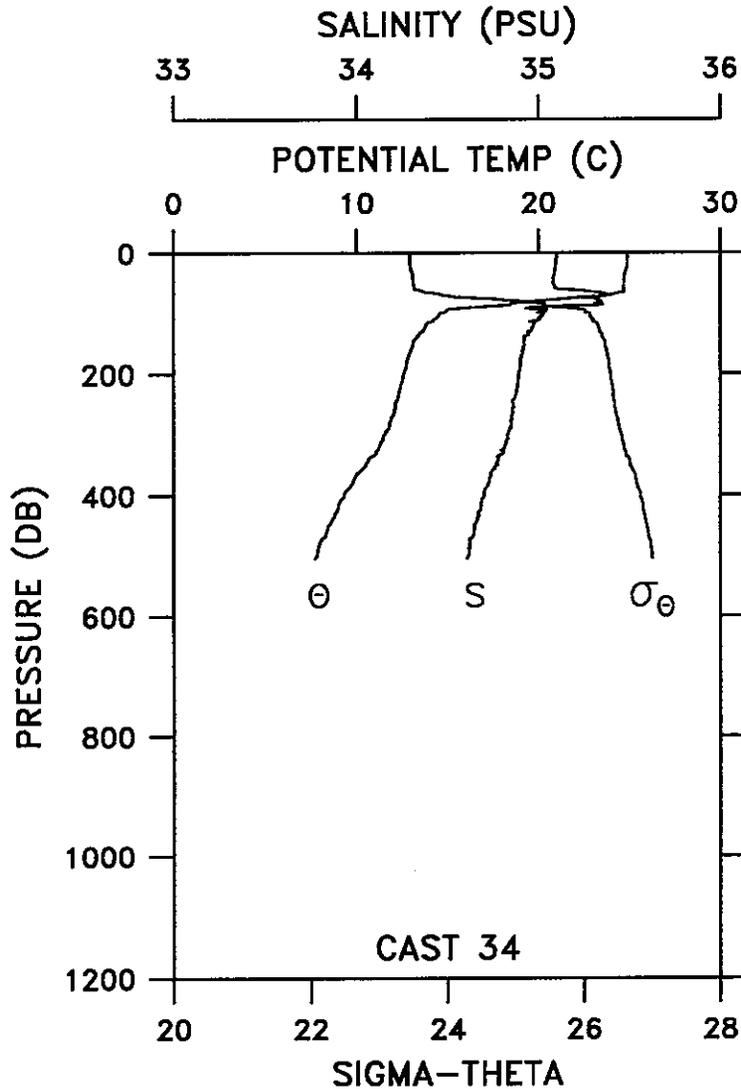


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.851	35.105	23.468	0.000
10	24.861	35.105	23.465	0.044
20	24.836	35.099	23.468	0.088
30	24.818	35.090	23.467	0.132
40	24.726	35.085	23.491	0.177
50	24.684	35.083	23.502	0.221
60	24.665	35.333	23.696	0.264
70	21.371	35.350	24.660	0.303
80	19.370	35.379	25.217	0.333
90	15.666	35.039	25.854	0.359
100	14.975	35.045	26.013	0.380
110	14.585	35.018	26.077	0.399
120	13.960	34.968	26.171	0.419
130	13.820	34.964	26.197	0.437
140	13.468	34.938	26.250	0.456
150	13.288	34.925	26.277	0.473
160	13.084	34.915	26.310	0.491
170	13.036	34.907	26.314	0.509
180	12.970	34.909	26.329	0.526
190	12.859	34.896	26.341	0.543
200	12.737	34.894	26.364	0.560
250	12.334	34.873	26.426	0.645
300	11.949	34.852	26.484	0.727
350	11.230	34.805	26.582	0.806
400	10.016	34.731	26.739	0.878
450	8.874	34.667	26.878	0.943
500	7.936	34.620	26.985	1.004
550	7.114	34.575	27.068	1.059
600	6.462	34.555	27.141	1.112
650	5.962	34.536	27.191	1.160
700	5.709	34.536	27.223	1.208
750	5.516	34.534	27.245	1.254
800	5.169	34.532	27.285	1.299
900	4.704	34.540	27.344	1.384
1000	4.328	34.550	27.393	1.464
1003	4.324	34.551	27.395	1.466

CAST EP5-92-DI -034 DATE 25 SEP 92 TIME 0308 GMT
LAT 02 01.2S LONG 124 53.6W

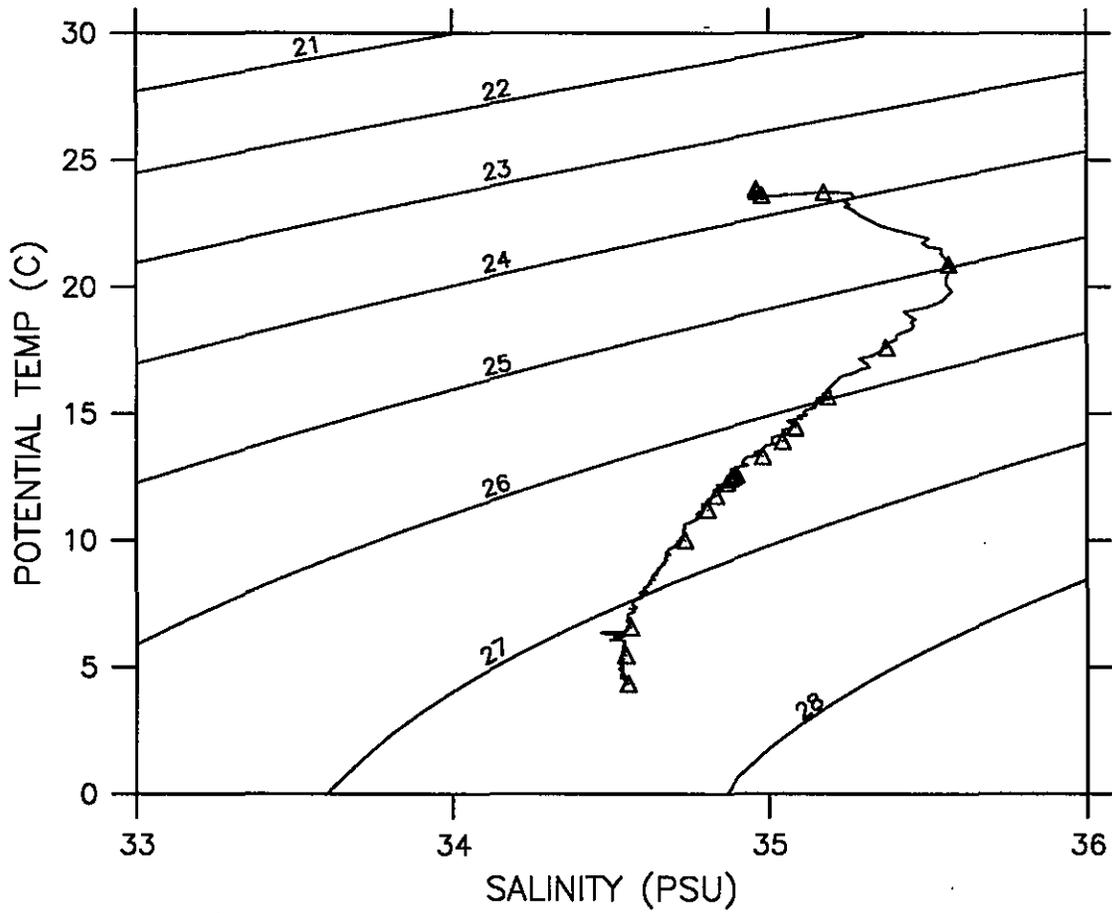


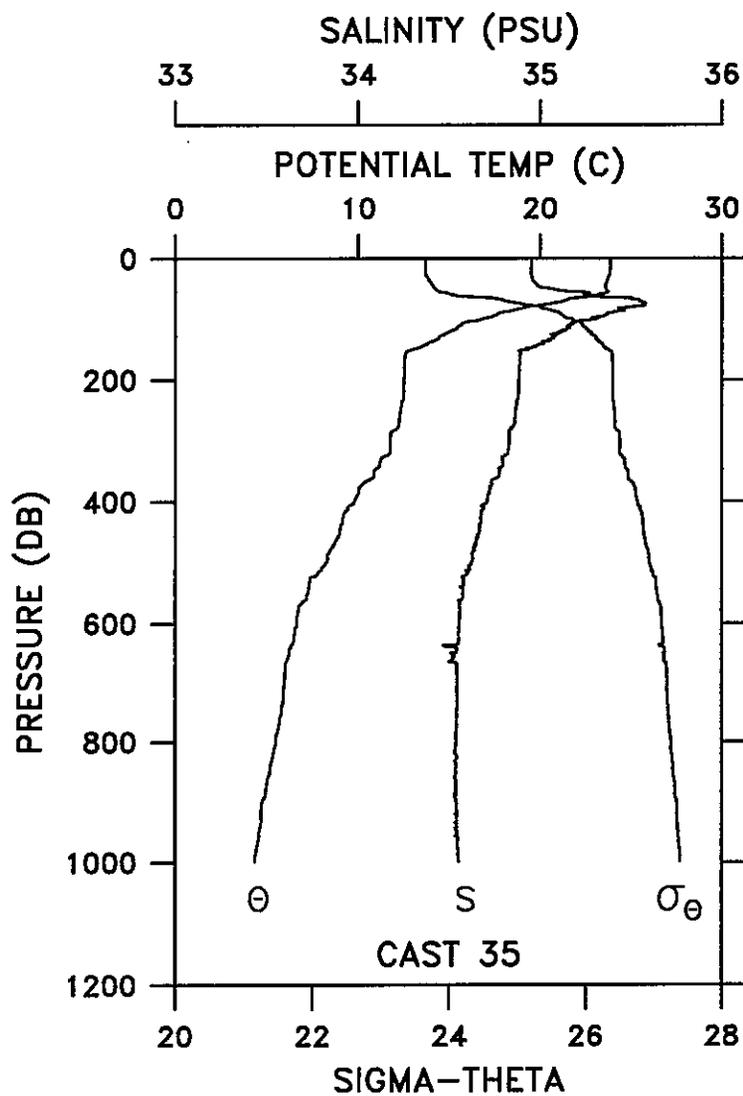
CAST EP5-92-DI -034 DATE 25 SEP 92 TIME 0308 GMT
 LAT 02 01.2S LONG 124 53.6W WEATHER SEA STATE 3
 BAROMETER 11 WIND DIR 090 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.0 WET 21.6 DEPTH M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.902	35.101	23.450	0.000
10	24.903	35.097	23.446	0.044
20	24.882	35.095	23.451	0.089
30	24.798	35.091	23.474	0.133
40	24.725	35.081	23.488	0.177
50	24.692	35.080	23.497	0.221
60	24.670	35.113	23.529	0.265
70	23.815	35.341	23.956	0.307
80	19.663	35.345	25.115	0.342
90	16.189	34.954	25.669	0.367
100	14.577	35.029	26.087	0.388
110	14.257	35.004	26.136	0.407
120	13.818	34.969	26.202	0.426
130	13.586	34.941	26.228	0.444
140	13.287	34.925	26.277	0.462
150	13.109	34.923	26.312	0.480
160	12.996	34.918	26.330	0.497
170	12.873	34.904	26.344	0.514
180	12.784	34.902	26.361	0.532
190	12.717	34.898	26.371	0.549
200	12.611	34.892	26.387	0.565
250	12.153	34.862	26.453	0.648
300	11.524	34.830	26.547	0.729
350	10.531	34.770	26.680	0.804
400	9.314	34.701	26.833	0.872
450	8.469	34.648	26.926	0.934
500	7.820	34.612	26.996	0.993
504	7.734	34.609	27.006	0.997

CAST EP5-92-DI -035 DATE 25 SEP 92 TIME 0915 GMT
LAT 00 59.9S LONG 124 59.6W

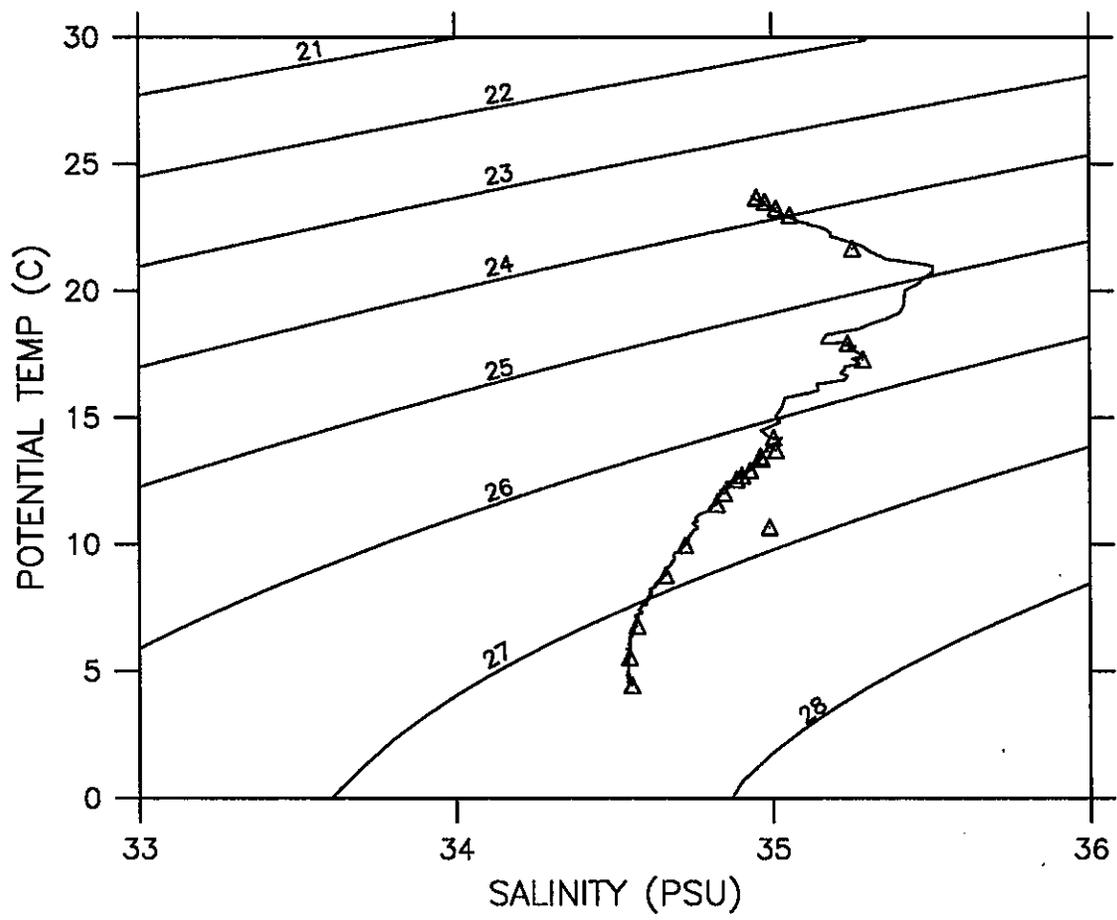




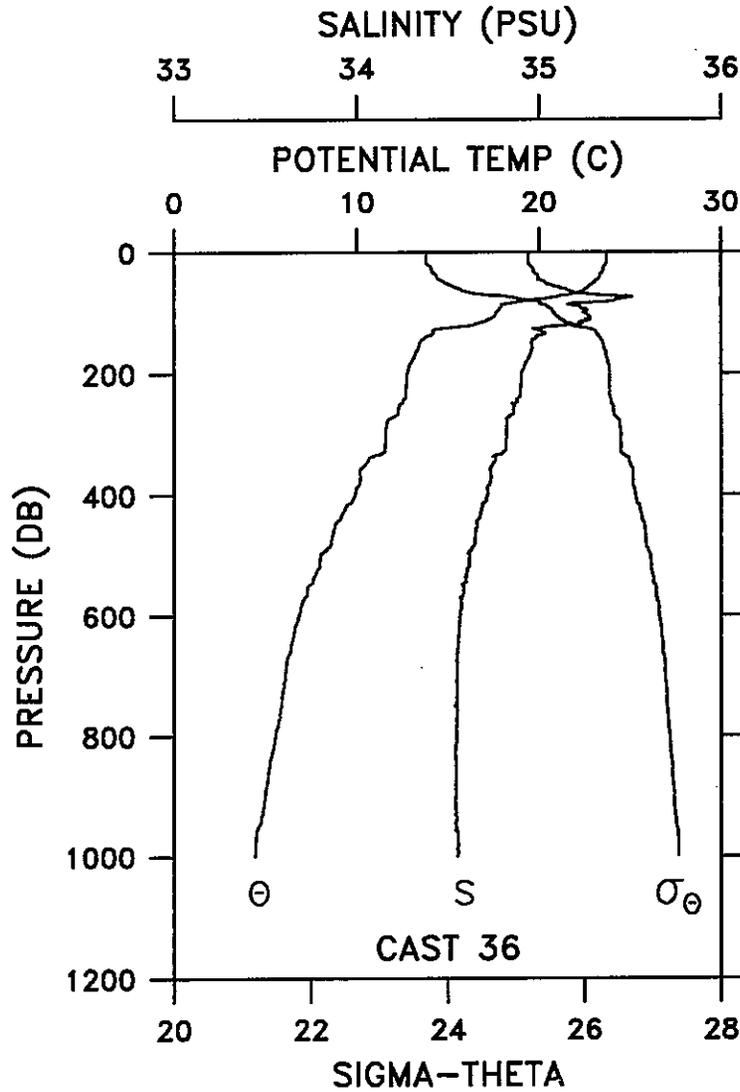
CAST EP5-92-DI-035 DATE 25 SEP 92 TIME 0915 GMT
 LAT 00 59.9S LONG 124 59.6W WEATHER SEA STATE 3
 BAROMETER 11 WIND DIR 085 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.0 WET 21.2 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.859	34.953	23.649	0.000
10	23.862	34.952	23.647	0.042
20	23.840	34.951	23.653	0.085
30	23.752	34.952	23.680	0.127
40	23.631	34.971	23.730	0.169
50	23.634	35.064	23.800	0.211
60	23.155	35.241	24.074	0.251
70	21.195	35.552	24.862	0.285
80	19.180	35.490	25.351	0.313
90	17.710	35.370	25.628	0.338
100	16.738	35.286	25.797	0.362
110	15.621	35.159	25.957	0.383
120	14.988	35.106	26.058	0.403
130	14.431	35.070	26.151	0.423
140	13.802	35.019	26.244	0.441
150	12.962	34.934	26.350	0.459
160	12.584	34.890	26.391	0.476
170	12.556	34.886	26.393	0.493
180	12.547	34.885	26.394	0.509
190	12.536	34.885	26.396	0.526
200	12.518	34.883	26.398	0.543
250	12.344	34.867	26.420	0.627
300	11.768	34.831	26.502	0.709
350	10.907	34.774	26.617	0.787
400	9.792	34.711	26.762	0.858
450	8.991	34.663	26.856	0.924
500	8.233	34.620	26.941	0.985
550	7.252	34.574	27.048	1.042
600	6.640	34.557	27.119	1.095
650	6.210	34.513	27.141	1.146
700	5.967	34.545	27.197	1.194
750	5.797	34.542	27.216	1.242
800	5.497	34.540	27.252	1.289
900	4.750	34.539	27.338	1.377
1000	4.350	34.552	27.393	1.458
1004	4.349	34.555	27.395	1.461

CAST EP5-92-DI -036 DATE 25 SEP 92 TIME 1534 GMT
LAT 00 29.9S LONG 124 59.7W

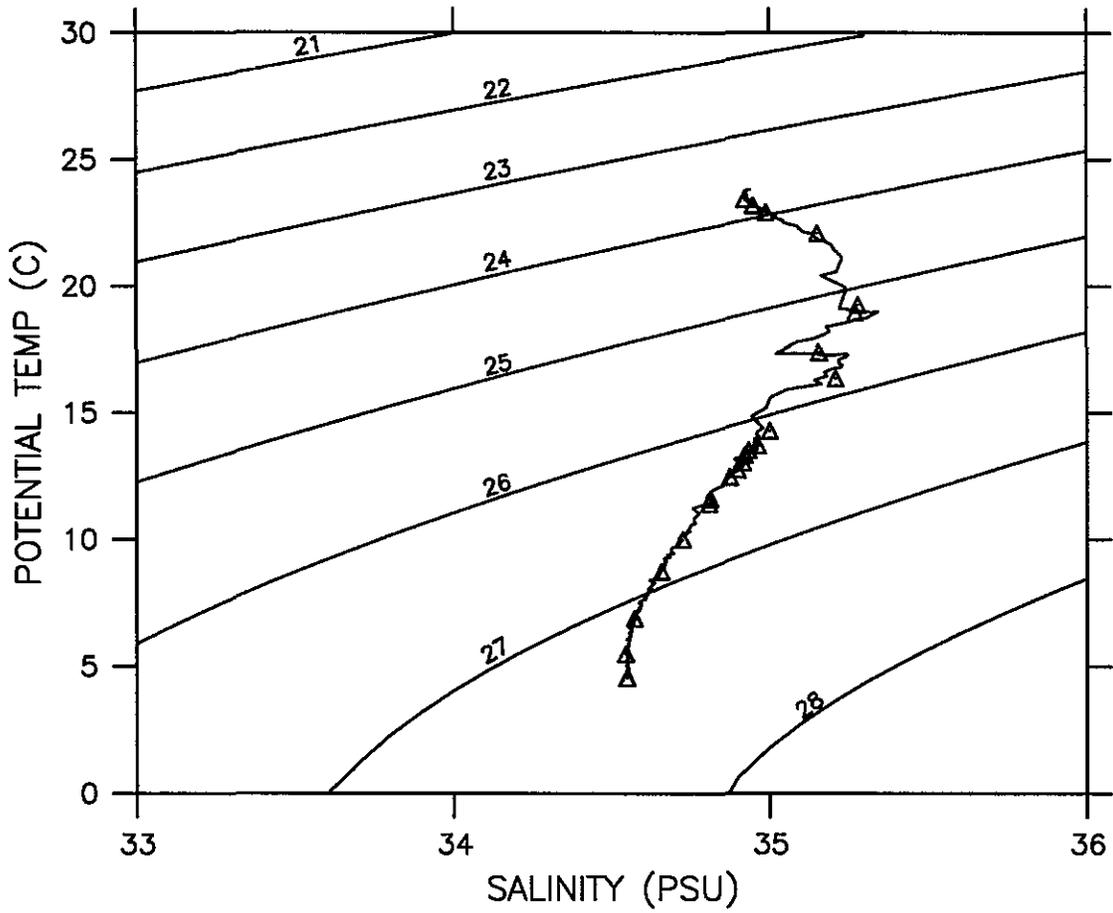


CAST EP5-92-DI -036 DATE 25 SEP 92 TIME 1534 GMT
 LAT 00 29.9S LONG 124 59.7W WEATHER SEA STATE 3
 BAROMETER 13 WIND DIR 090 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.5 WET 21.0 DEPTH M

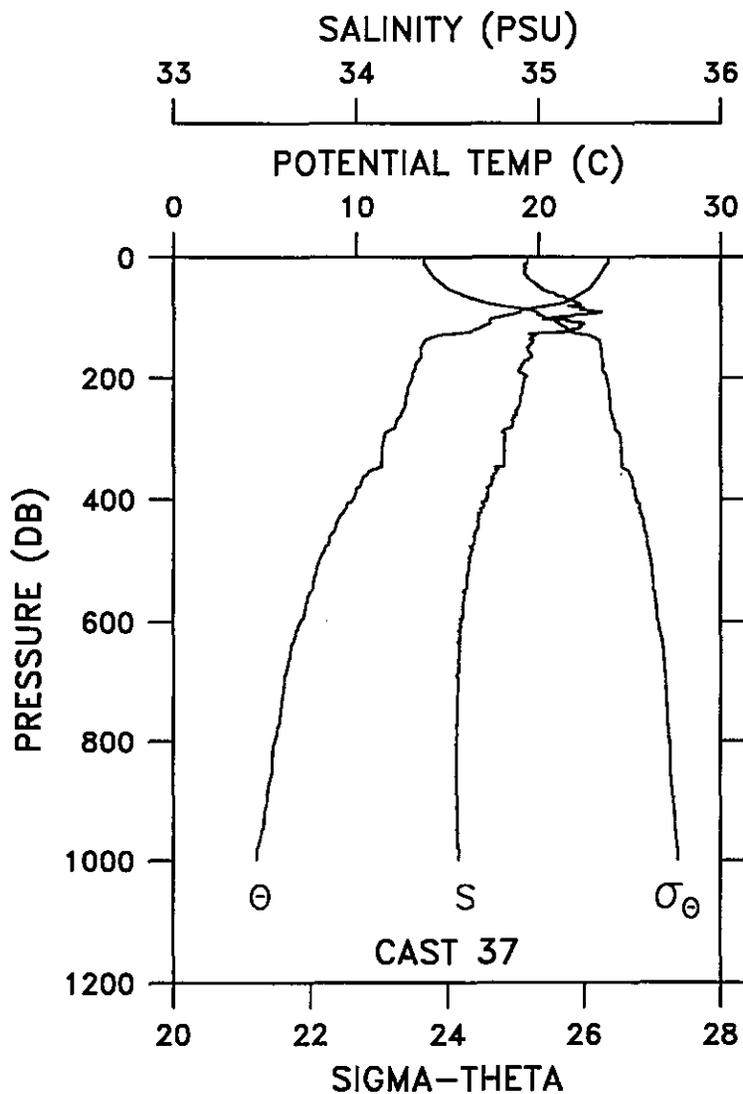


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.716	34.943	23.683	0.000
10	23.720	34.940	23.680	0.042
20	23.669	34.948	23.701	0.084
30	23.518	34.970	23.762	0.126
40	23.335	34.993	23.833	0.167
50	23.049	35.034	23.947	0.207
60	22.571	35.131	24.158	0.246
70	21.743	35.268	24.510	0.283
80	19.435	35.417	25.229	0.313
90	17.963	35.227	25.457	0.339
100	17.658	35.243	25.543	0.364
110	17.320	35.255	25.635	0.389
120	16.323	35.142	25.784	0.412
130	14.172	35.009	26.158	0.432
140	13.709	34.983	26.235	0.451
150	13.451	34.958	26.269	0.469
160	13.358	34.962	26.291	0.486
170	13.180	34.947	26.316	0.504
180	13.009	34.931	26.338	0.521
190	12.851	34.918	26.359	0.538
200	12.752	34.904	26.368	0.555
250	12.439	34.853	26.391	0.641
300	11.588	34.823	26.530	0.721
350	10.457	34.747	26.675	0.798
400	9.917	34.715	26.744	0.869
450	8.818	34.661	26.882	0.934
500	8.038	34.619	26.969	0.996
550	7.358	34.586	27.042	1.054
600	6.846	34.567	27.099	1.108
650	6.424	34.557	27.148	1.159
700	6.091	34.551	27.186	1.208
750	5.876	34.538	27.203	1.256
800	5.554	34.547	27.250	1.303
900	5.000	34.543	27.313	1.392
1000	4.452	34.555	27.384	1.474
1004	4.435	34.558	27.388	1.477

CAST EP5-92-DI -037 DATE 26 SEP 92 TIME 0521 GMT
LAT 00 14.9S LONG 124 59.5W

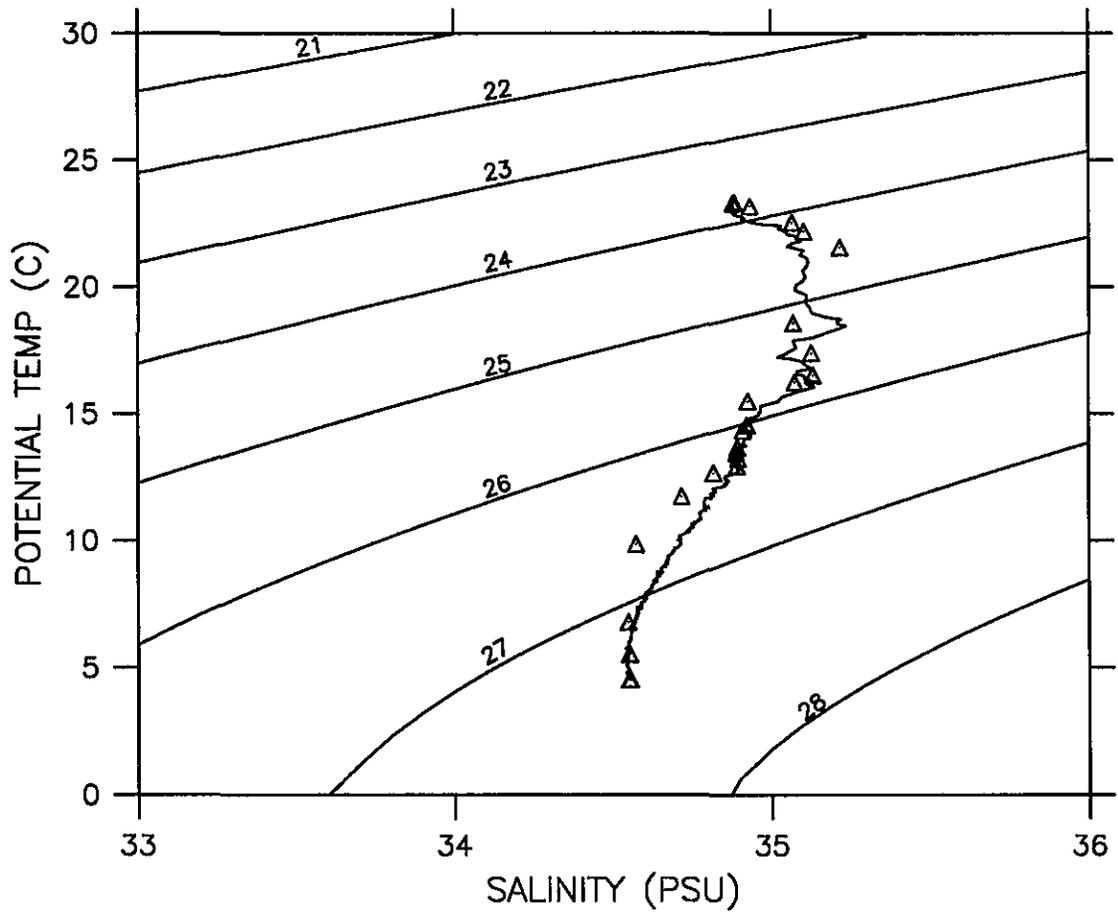


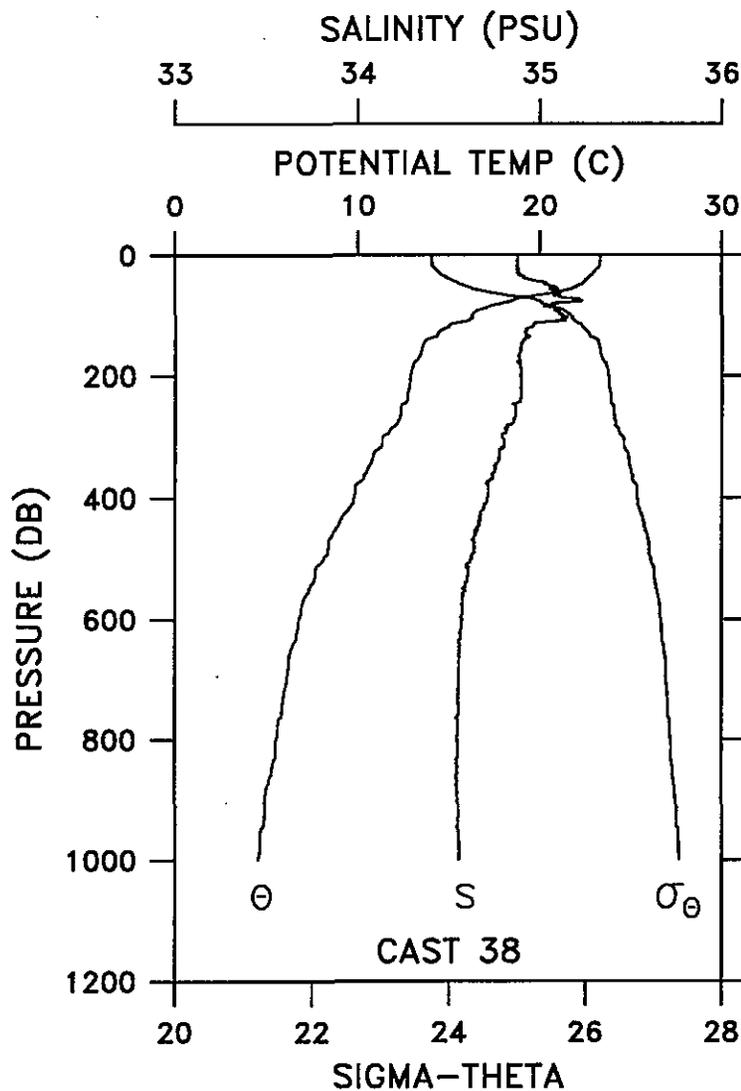
CAST EP5-92-DI -037 DATE 26 SEP 92 TIME 0521 GMT
 LAT 00 14.9S LONG 124 59.5W WEATHER SEA STATE 3
 BAROMETER 13 WIND DIR 100 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.0 WET 21.5 DEPTH M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.809	34.941	23.654	0.000
10	23.813	34.940	23.653	0.042
20	23.558	34.927	23.718	0.084
30	23.342	34.933	23.785	0.126
40	23.097	34.967	23.882	0.167
50	22.842	35.013	23.990	0.207
60	22.341	35.092	24.194	0.245
70	21.789	35.171	24.408	0.281
80	20.415	35.165	24.779	0.315
90	18.993	35.343	25.287	0.344
100	17.635	35.065	25.412	0.371
110	17.296	35.246	25.634	0.395
120	16.448	35.180	25.784	0.418
130	14.319	34.970	26.097	0.440
140	13.692	34.966	26.226	0.459
150	13.508	34.940	26.243	0.477
160	13.520	34.956	26.253	0.495
170	13.411	34.943	26.266	0.513
180	13.234	34.907	26.274	0.531
190	13.120	34.892	26.285	0.549
200	13.039	34.921	26.324	0.566
250	12.613	34.887	26.383	0.652
300	11.529	34.816	26.535	0.734
350	11.089	34.771	26.582	0.812
400	9.802	34.710	26.759	0.883
450	8.813	34.661	26.883	0.948
500	7.994	34.622	26.978	1.008
550	7.497	34.588	27.024	1.065
600	6.963	34.579	27.092	1.120
650	6.373	34.563	27.159	1.171
700	6.051	34.559	27.198	1.220
750	5.871	34.556	27.218	1.268
800	5.549	34.553	27.256	1.314
900	5.107	34.552	27.308	1.404
1000	4.548	34.562	27.379	1.487
1004	4.537	34.563	27.381	1.491

CAST EP5-92-DI -038 DATE 26 SEP 92 TIME 1355 GMT
LAT 00 01.4N LONG 124 52.7W

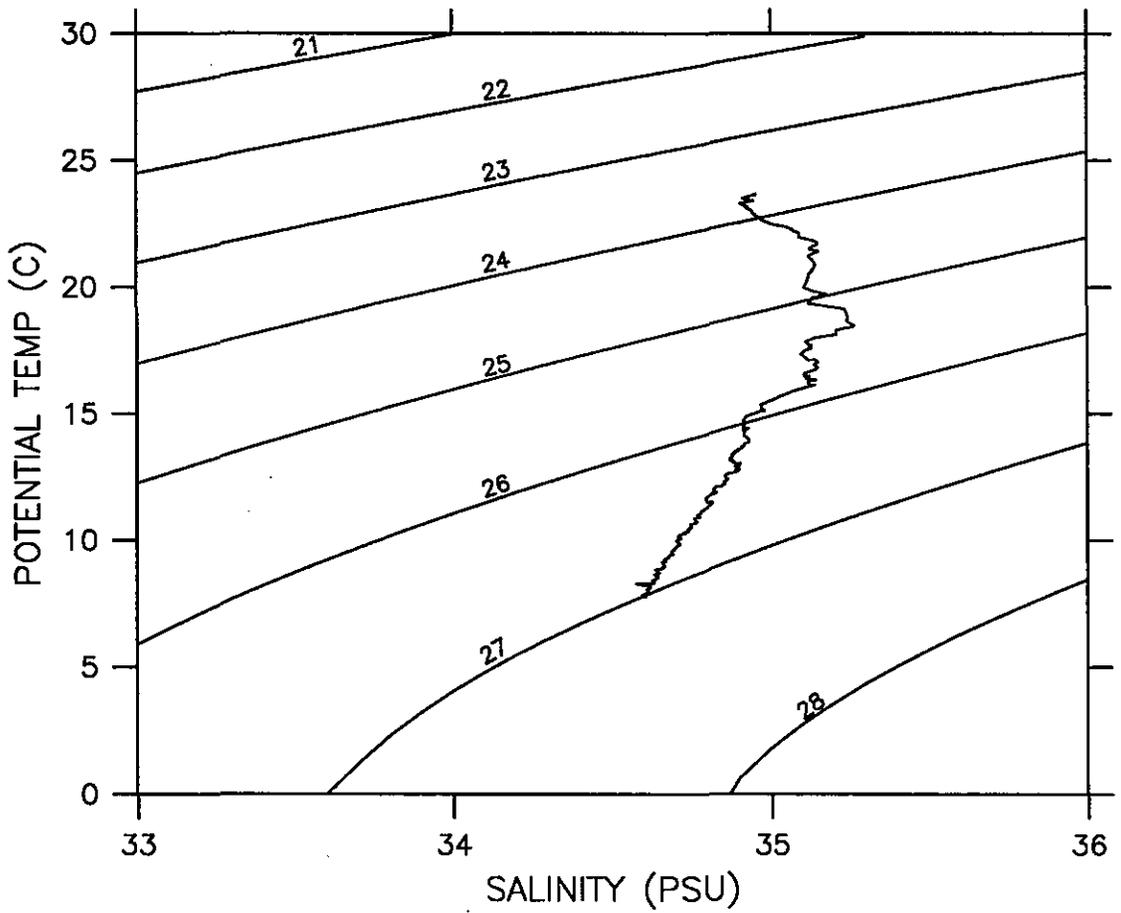




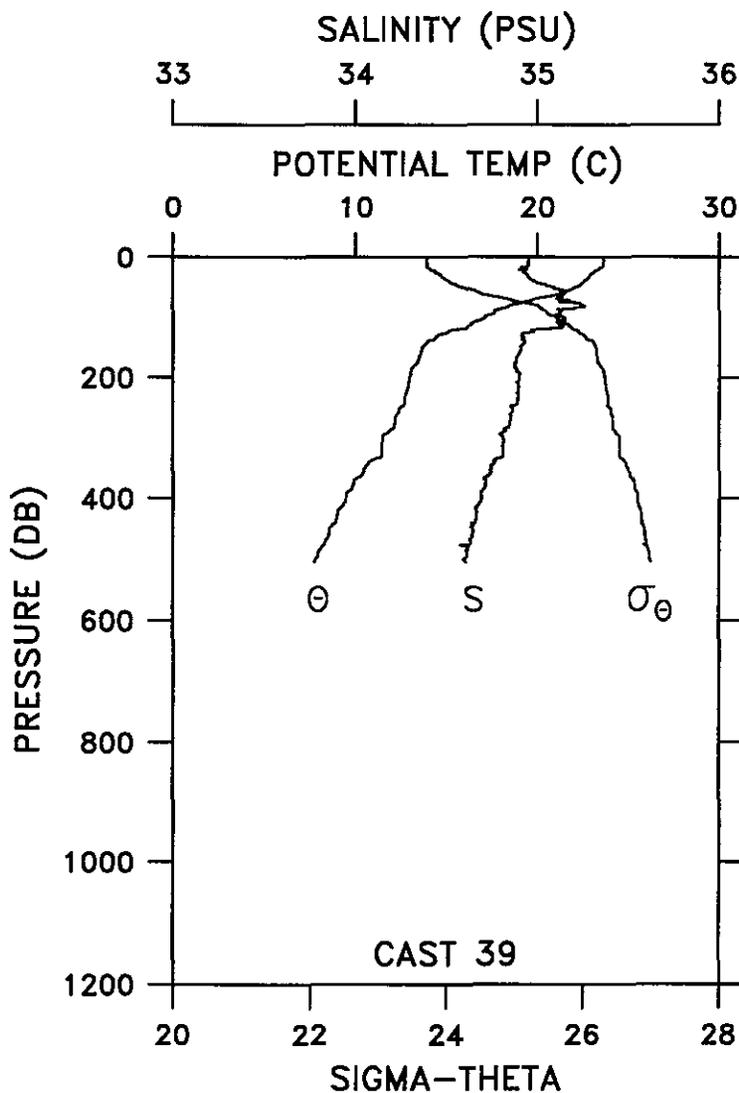
CAST EP5-92-DI -038 DATE 26 SEP 92 TIME 1355 GMT
 LAT 00 01.4N LONG 124 52.7W WEATHER SEA STATE 3
 BAROMETER 11 WIND DIR 120 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.0 WET 21.2 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.338	34.881	23.747	0.000
10	23.326	34.875	23.746	0.041
20	23.222	34.875	23.776	0.083
30	22.949	34.874	23.854	0.124
40	22.563	34.933	24.009	0.164
50	22.160	35.047	24.210	0.202
60	21.155	35.109	24.536	0.238
70	19.185	35.118	25.065	0.269
80	17.885	35.070	25.355	0.296
90	16.777	35.127	25.666	0.322
100	16.239	35.110	25.778	0.344
110	15.896	35.090	25.842	0.367
120	14.901	34.953	25.958	0.388
130	14.371	34.917	26.045	0.408
140	13.752	34.920	26.178	0.427
150	13.556	34.895	26.199	0.446
160	13.464	34.892	26.215	0.465
170	13.312	34.883	26.239	0.483
180	13.067	34.889	26.294	0.501
190	12.942	34.896	26.324	0.518
200	12.870	34.892	26.336	0.536
250	12.384	34.864	26.410	0.622
300	11.387	34.789	26.541	0.704
350	10.578	34.755	26.660	0.779
400	9.781	34.709	26.762	0.849
450	8.785	34.651	26.879	0.915
500	8.118	34.624	26.961	0.976
550	7.317	34.581	27.044	1.033
600	6.778	34.571	27.111	1.086
650	6.362	34.558	27.157	1.137
700	6.113	34.556	27.187	1.186
750	5.857	34.551	27.216	1.234
800	5.536	34.547	27.253	1.281
900	4.934	34.548	27.325	1.370
1000	4.523	34.555	27.376	1.452
1006	4.522	34.557	27.378	1.457

CAST EP5-92-DI -039 DATE 27 SEP 92 TIME 0153 GMT
LAT 00 01.0S LONG 124 25.3W

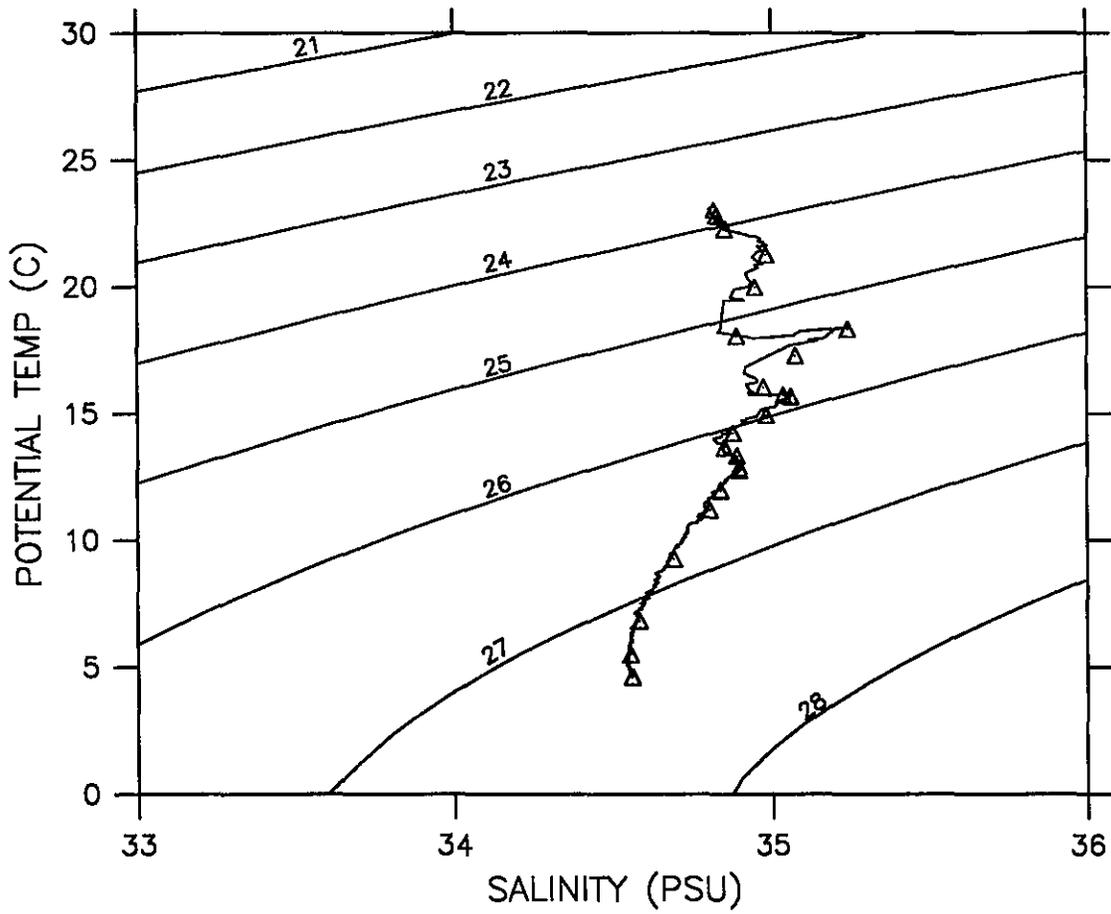


CAST EP5-92-DI -039 DATE 27 SEP 92 TIME 0153 GMT
 LAT 00 01.0S LONG 124 25.3W WEATHER SEA STATE 3
 BAROMETER 10 WIND DIR 105 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.3 WET 22.0 DEPTH M

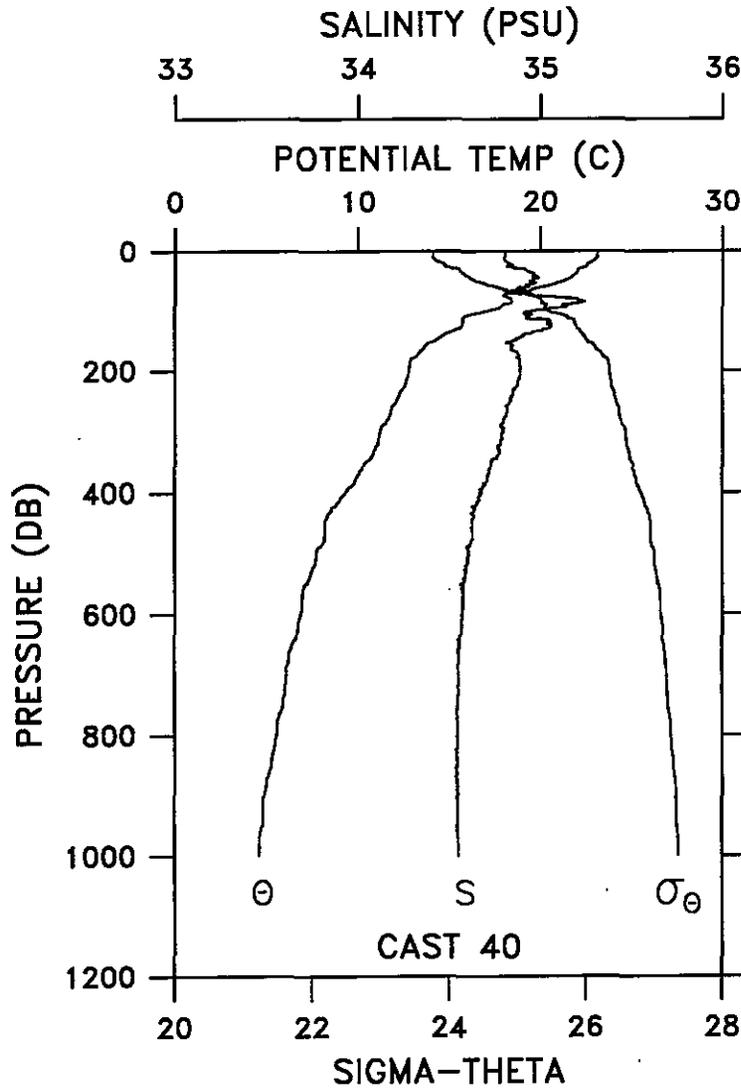


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.607	34.950	23.721	0.000
10	23.629	34.947	23.712	0.042
20	23.401	34.944	23.776	0.083
30	22.921	34.942	23.914	0.124
40	22.581	34.983	24.042	0.164
50	22.123	35.092	24.255	0.202
60	21.404	35.154	24.502	0.237
70	19.844	35.131	24.904	0.270
80	18.550	35.252	25.329	0.299
90	17.640	35.120	25.454	0.325
100	17.120	35.141	25.595	0.350
110	16.390	35.110	25.743	0.373
120	15.342	34.968	25.872	0.395
130	14.487	34.910	26.014	0.416
140	13.930	34.929	26.147	0.436
150	13.660	34.908	26.187	0.455
160	13.569	34.897	26.198	0.473
170	13.450	34.883	26.211	0.492
180	13.214	34.871	26.250	0.510
190	13.032	34.883	26.296	0.528
200	12.978	34.902	26.322	0.546
250	12.447	34.858	26.393	0.632
300	11.501	34.813	26.538	0.714
350	10.523	34.752	26.668	0.791
400	9.446	34.692	26.805	0.860
450	8.563	34.644	26.909	0.924
500	7.815	34.593	26.982	0.984
504	7.767	34.607	27.000	0.988

CAST EP5-92-DI -040 DATE 27 SEP 92 TIME 0610 GMT
LAT 00 15.3N LONG 124 59.3W

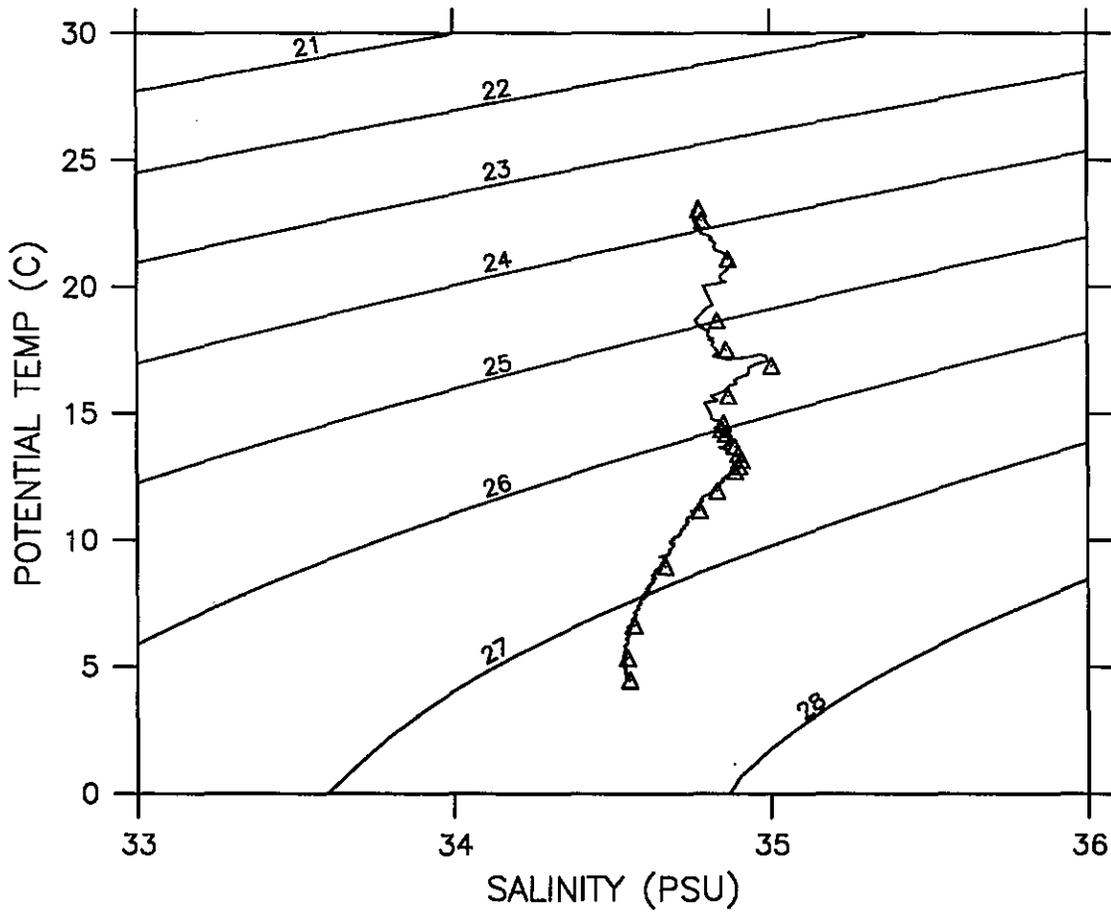


CAST EP5-92-DI -040 DATE 27 SEP 92 TIME 0610 GMT
 LAT 00 15.3N LONG 124 59.3W WEATHER SEA STATE 3
 BAROMETER 14 WIND DIR 090 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.6 WET 21.8 DEPTH M

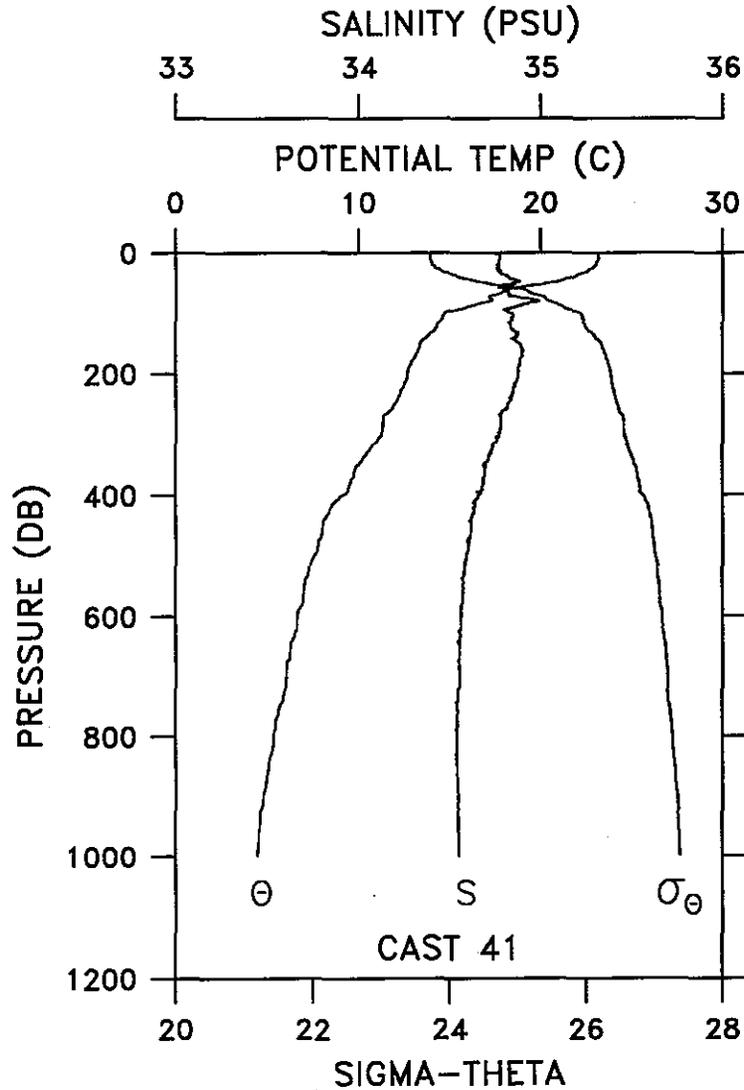


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.112	34.807	23.756	0.000
10	23.101	34.805	23.758	0.041
20	22.678	34.819	23.890	0.082
30	22.091	34.910	24.125	0.122
40	21.834	34.961	24.236	0.159
50	21.279	34.946	24.378	0.195
60	20.021	34.929	24.703	0.230
70	18.208	34.828	25.090	0.261
80	18.344	35.198	25.340	0.288
90	17.903	35.119	25.389	0.314
100	17.127	34.963	25.457	0.340
110	15.858	34.942	25.736	0.365
120	15.723	35.037	25.840	0.387
130	15.554	35.038	25.879	0.409
140	14.716	34.913	25.967	0.430
150	14.246	34.867	26.033	0.450
160	13.666	34.840	26.133	0.470
170	13.381	34.875	26.219	0.489
180	12.955	34.884	26.312	0.507
190	12.842	34.888	26.338	0.524
200	12.793	34.889	26.349	0.541
250	12.105	34.837	26.443	0.626
300	11.201	34.797	26.581	0.705
350	10.419	34.732	26.670	0.780
400	9.324	34.669	26.807	0.849
450	8.217	34.629	26.950	0.911
500	7.751	34.606	27.001	0.970
550	7.186	34.567	27.052	1.026
600	6.873	34.569	27.097	1.079
650	6.425	34.559	27.149	1.131
700	6.104	34.554	27.187	1.180
750	5.914	34.549	27.207	1.228
800	5.568	34.547	27.249	1.275
900	4.886	34.547	27.329	1.363
999	4.611	34.554	27.366	1.446

CAST EP5-92-DI -041 DATE 27 SEP 92 TIME 0919 GMT
LAT 00 30.8N LONG 125 00.0W

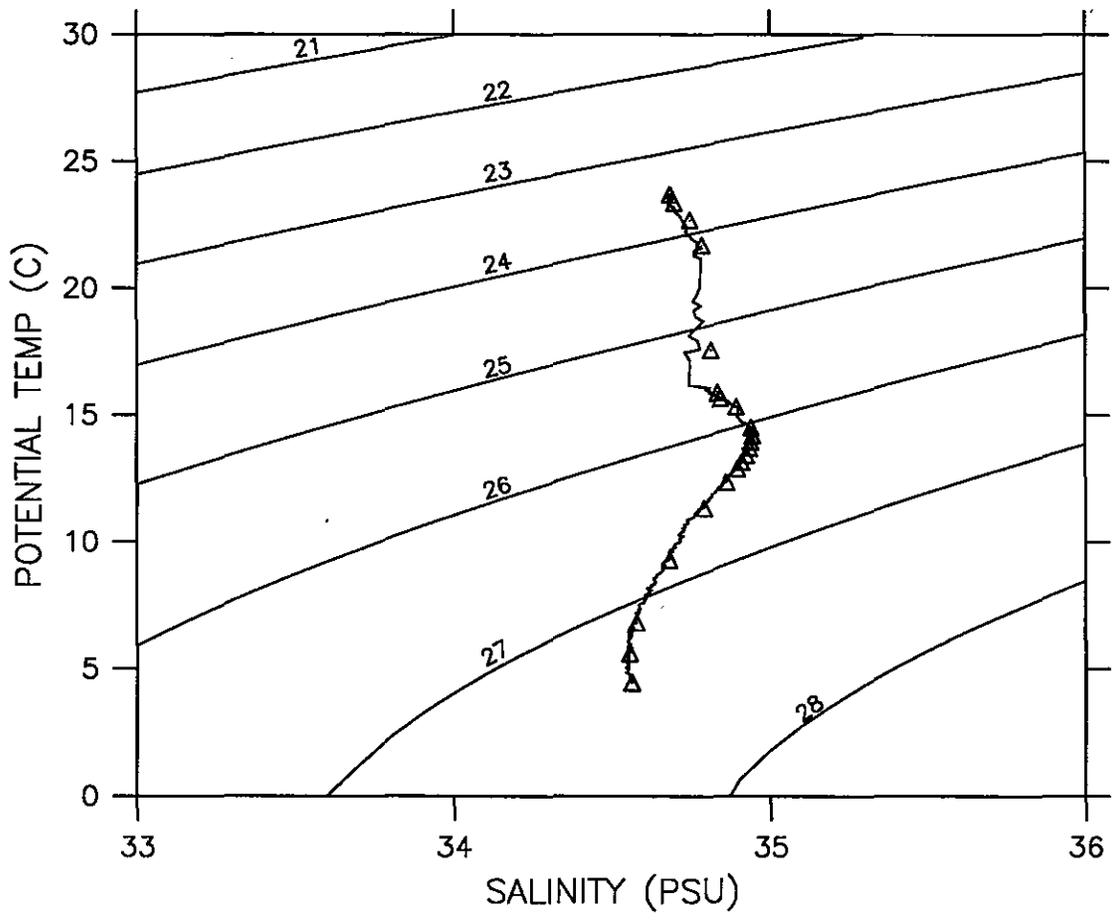


CAST EP5-92-DI -041 DATE 27 SEP 92 TIME 0919 GMT
 LAT 00 30.8N LONG 125 00.0W WEATHER SEA STATE 3
 BAROMETER 11 WIND DIR 095 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.5 WET 21.8 DEPTH M

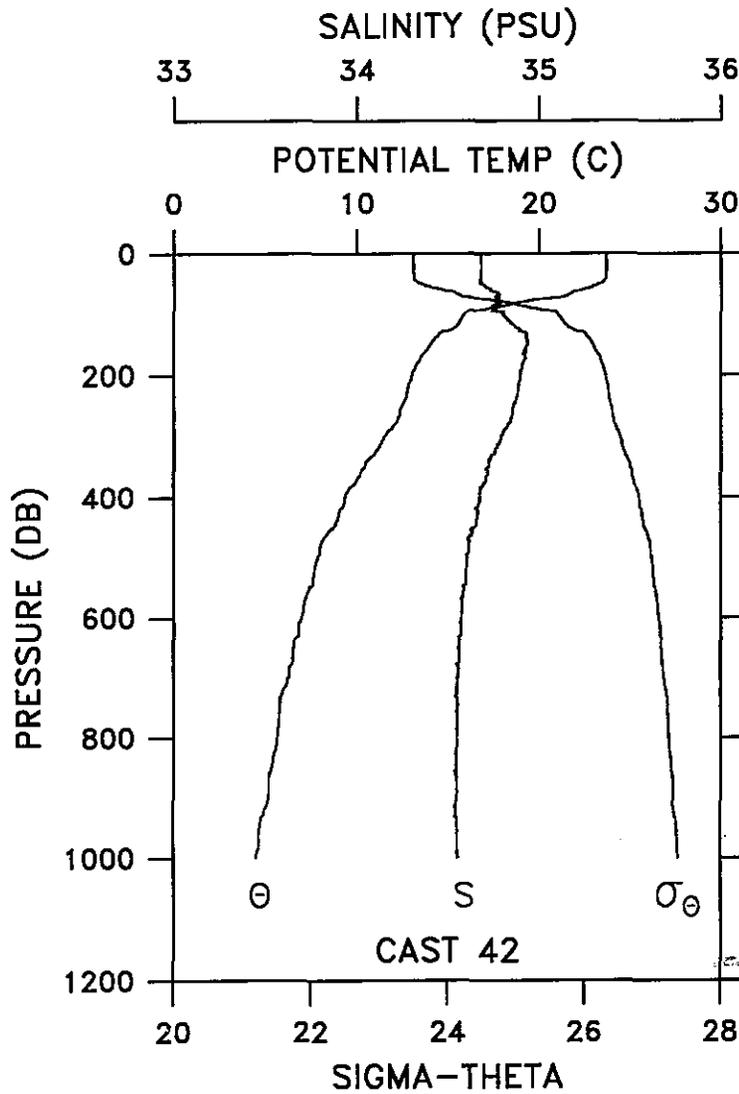


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.181	34.750	23.693	0.000
10	23.175	34.775	23.714	0.042
20	23.048	34.761	23.740	0.083
30	22.605	34.776	23.878	0.124
40	21.817	34.818	24.132	0.163
50	20.453	34.845	24.524	0.200
60	18.240	34.809	25.067	0.231
70	17.440	34.836	25.284	0.260
80	17.069	34.991	25.492	0.286
90	15.883	34.856	25.664	0.310
100	14.701	34.840	25.914	0.332
110	14.537	34.840	25.950	0.353
120	14.326	34.839	25.994	0.374
130	14.124	34.859	26.052	0.394
140	13.751	34.860	26.131	0.413
150	13.393	34.888	26.227	0.432
160	13.301	34.900	26.255	0.450
170	13.135	34.899	26.288	0.468
180	12.935	34.887	26.319	0.486
190	12.780	34.878	26.343	0.503
200	12.690	34.877	26.360	0.520
250	11.983	34.819	26.452	0.604
300	11.224	34.773	26.558	0.683
350	10.059	34.699	26.707	0.757
400	9.141	34.660	26.830	0.824
450	8.053	34.618	26.966	0.885
500	7.547	34.589	27.018	0.942
550	7.042	34.576	27.079	0.997
600	6.677	34.564	27.120	1.049
650	6.276	34.554	27.165	1.100
700	6.036	34.551	27.193	1.149
750	5.715	34.545	27.229	1.197
800	5.360	34.542	27.270	1.243
900	4.793	34.546	27.339	1.329
999	4.475	34.554	27.381	1.410

CAST EP5-92-DI -042 DATE 27 SEP 92 TIME 1503 GMT
LAT 01 01.5N LONG 124 59.5W

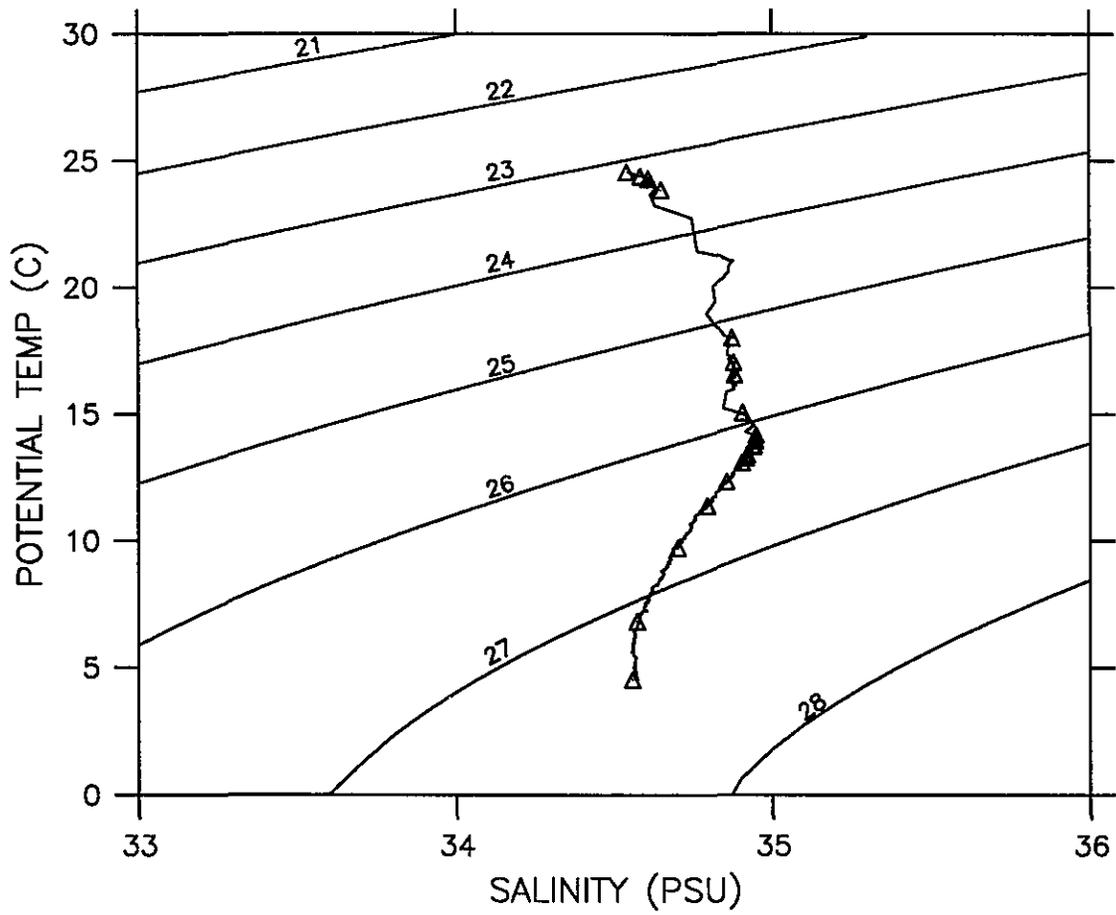


CAST EP5-92-DI -042 DATE 27 SEP 92 TIME 1503 GMT
 LAT 01 01.5N LONG 124 59.5W WEATHER SEA STATE 3
 BAROMETER 13 WIND DIR 110 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.5 WET 20.1 DEPTH M

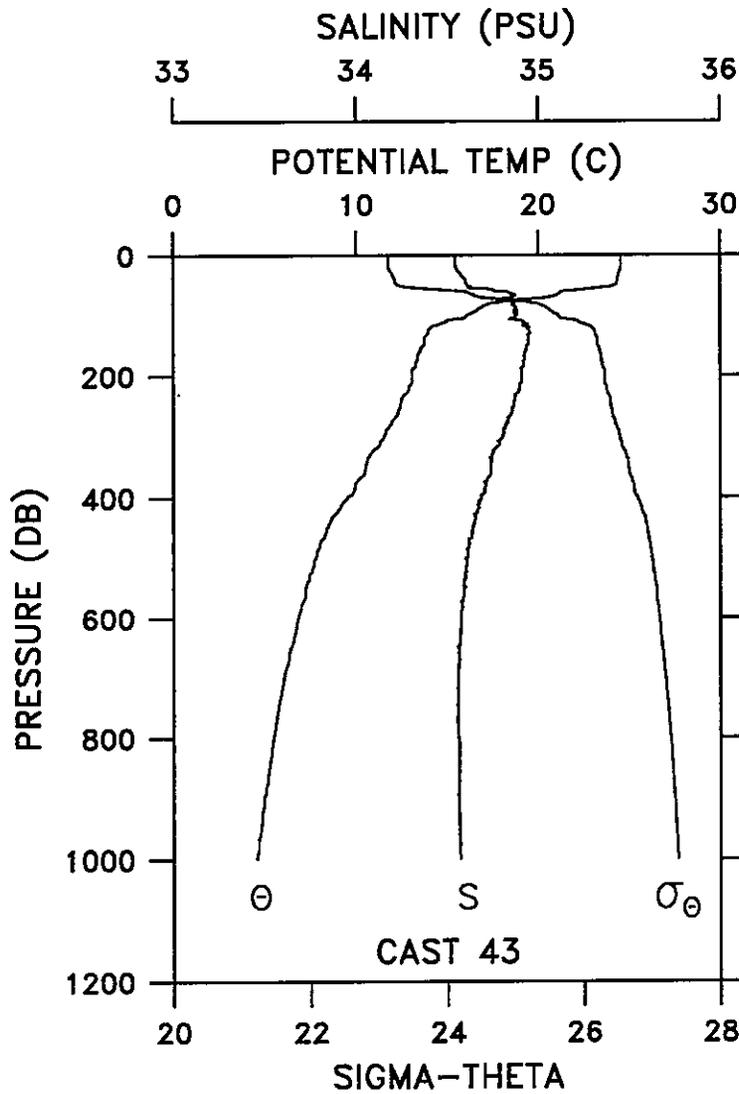


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.694	34.682	23.492	0.000
10	23.695	34.681	23.491	0.044
20	23.695	34.681	23.491	0.088
30	23.692	34.681	23.492	0.132
40	23.656	34.681	23.503	0.176
50	23.224	34.686	23.632	0.219
60	22.310	34.734	23.930	0.261
70	21.439	34.758	24.191	0.299
80	18.861	34.764	24.877	0.333
90	17.167	34.743	25.278	0.362
100	15.919	34.808	25.619	0.387
110	15.701	34.832	25.687	0.411
120	15.477	34.872	25.768	0.434
130	14.593	34.932	26.009	0.456
140	14.275	34.936	26.080	0.476
150	14.031	34.936	26.131	0.495
160	13.792	34.924	26.172	0.514
170	13.510	34.925	26.231	0.533
180	13.339	34.911	26.256	0.551
190	13.179	34.905	26.284	0.569
200	13.031	34.898	26.308	0.586
250	12.472	34.859	26.389	0.673
300	11.487	34.794	26.526	0.756
350	10.405	34.718	26.662	0.832
400	9.373	34.676	26.804	0.901
450	8.709	34.638	26.881	0.965
500	7.862	34.609	26.987	1.024
550	7.405	34.586	27.036	1.081
600	6.970	34.573	27.087	1.135
650	6.564	34.560	27.131	1.188
700	6.297	34.550	27.159	1.238
750	5.815	34.553	27.223	1.286
800	5.651	34.549	27.240	1.333
900	5.148	34.548	27.300	1.423
1000	4.490	34.557	27.381	1.506
1005	4.464	34.558	27.385	1.510

CAST EP5-92-DI -043 DATE 28 SEP 92 TIME 0912 GMT
LAT 01 59.9N LONG 125 00.1W



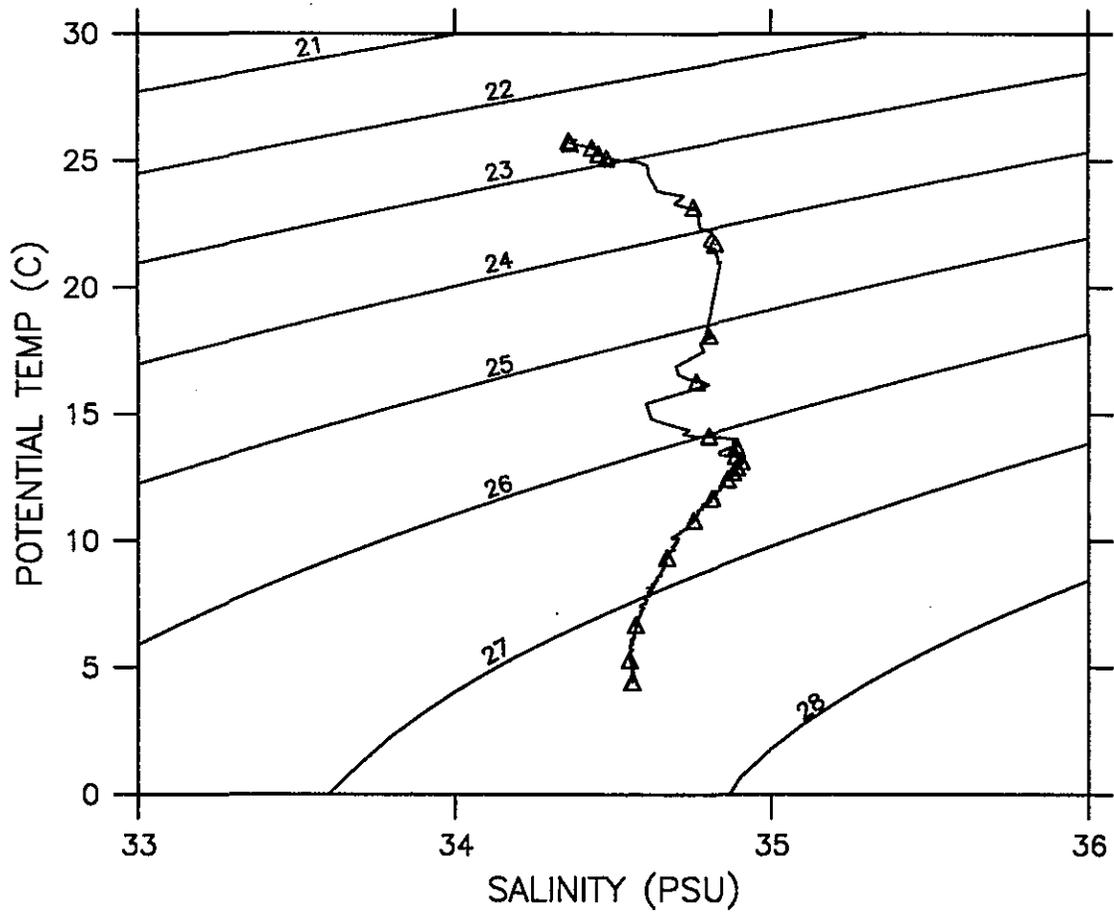
101

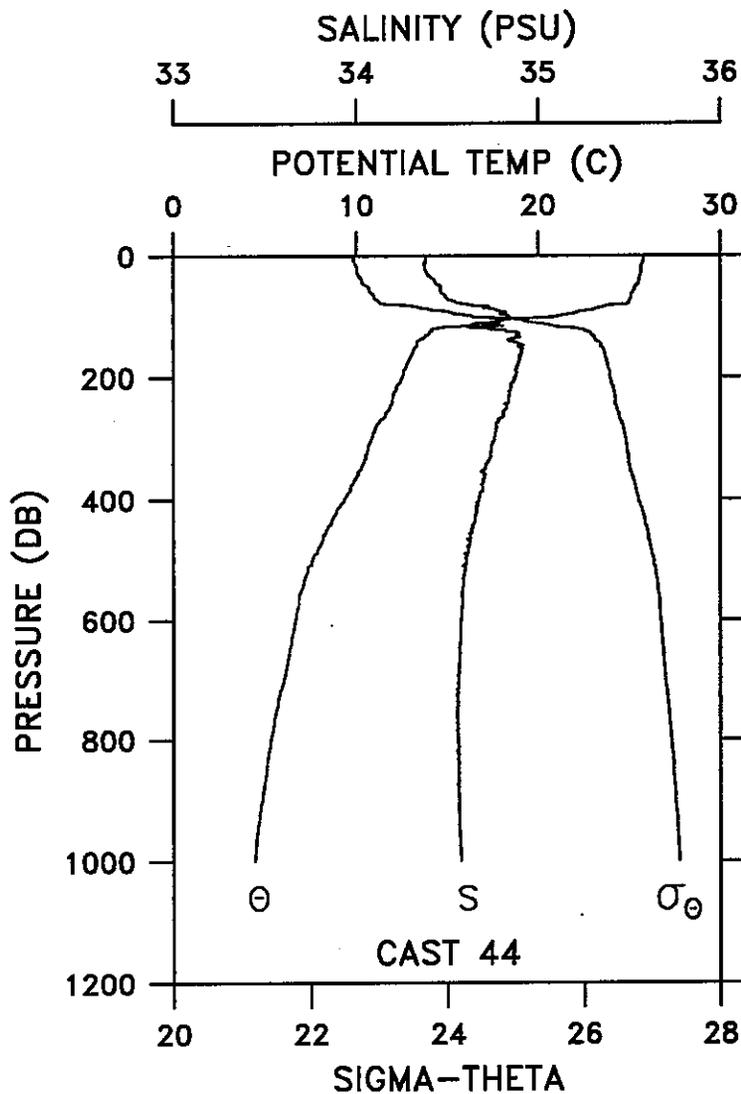


CAST EP5-92-D1-043 DATE 28 SEP 92 TIME 0912 GMT
 LAT 01 59.9N LONG 125 00.1W WEATHER SEA STATE 3
 BAROMETER 13 WIND DIR 090 T SPD 08 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.2 WET 20.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.550	34.544	23.134	0.000
10	24.549	34.544	23.134	0.047
20	24.543	34.547	23.138	0.095
30	24.436	34.570	23.188	0.142
40	24.358	34.600	23.234	0.188
50	24.245	34.612	23.276	0.235
60	21.427	34.763	24.198	0.278
70	20.638	34.863	24.489	0.313
80	17.326	34.856	25.327	0.344
90	16.698	34.879	25.493	0.370
100	16.100	34.875	25.629	0.394
110	14.932	34.917	25.923	0.417
120	14.103	34.951	26.128	0.437
130	13.935	34.955	26.166	0.456
140	13.756	34.948	26.198	0.475
150	13.701	34.942	26.205	0.493
160	13.499	34.927	26.235	0.511
170	13.366	34.925	26.261	0.529
180	13.295	34.921	26.272	0.547
190	13.091	34.909	26.304	0.565
200	13.080	34.910	26.307	0.583
250	12.429	34.865	26.402	0.669
300	11.527	34.806	26.528	0.751
350	10.522	34.741	26.659	0.826
400	9.508	34.685	26.789	0.897
450	8.416	34.639	26.927	0.960
500	7.780	34.603	26.995	1.018
550	7.231	34.590	27.064	1.074
600	6.815	34.575	27.109	1.127
650	6.405	34.562	27.154	1.179
700	6.032	34.560	27.201	1.228
750	5.731	34.558	27.237	1.275
800	5.467	34.561	27.272	1.320
900	4.956	34.562	27.333	1.407
1000	4.543	34.566	27.383	1.489
1003	4.520	34.572	27.390	1.492

CAST EP5-92-DI -044 DATE 28 SEP 92 TIME 2252 GMT
LAT 02 59.9N LONG 125 00.3W

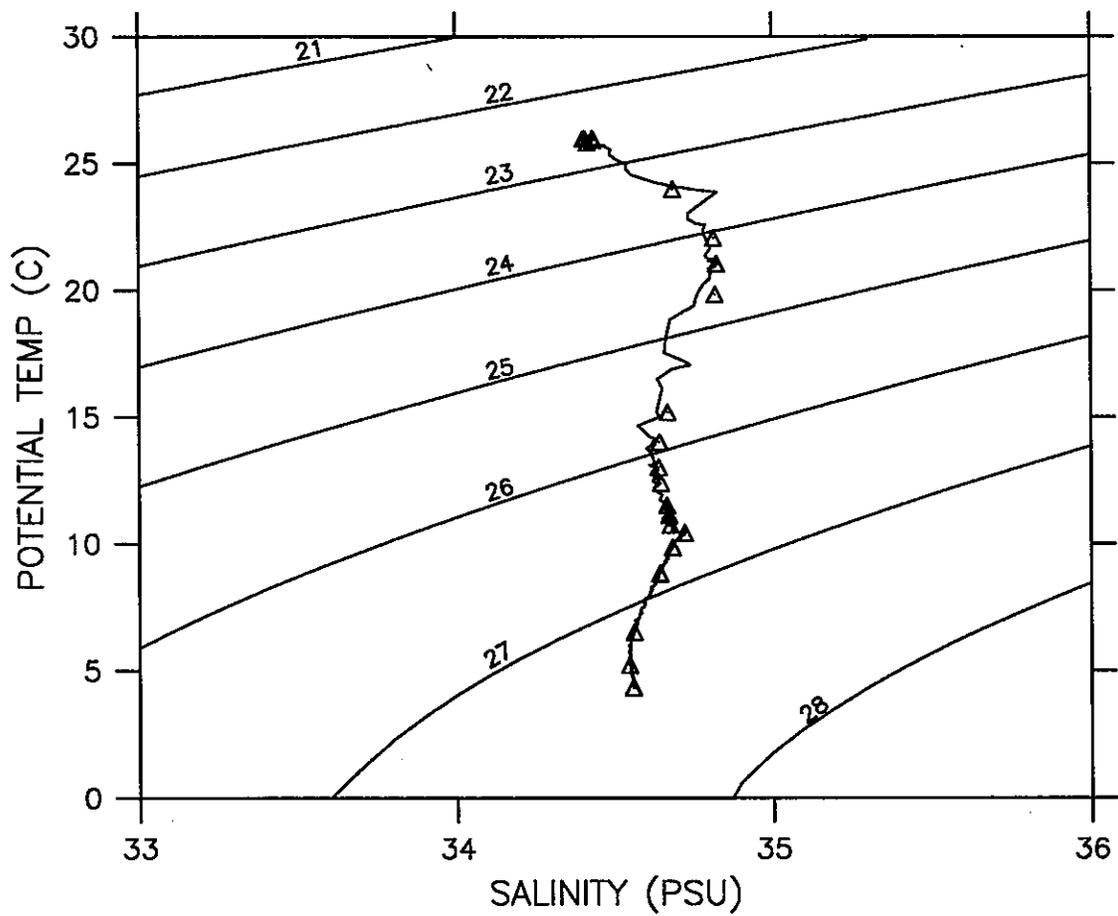




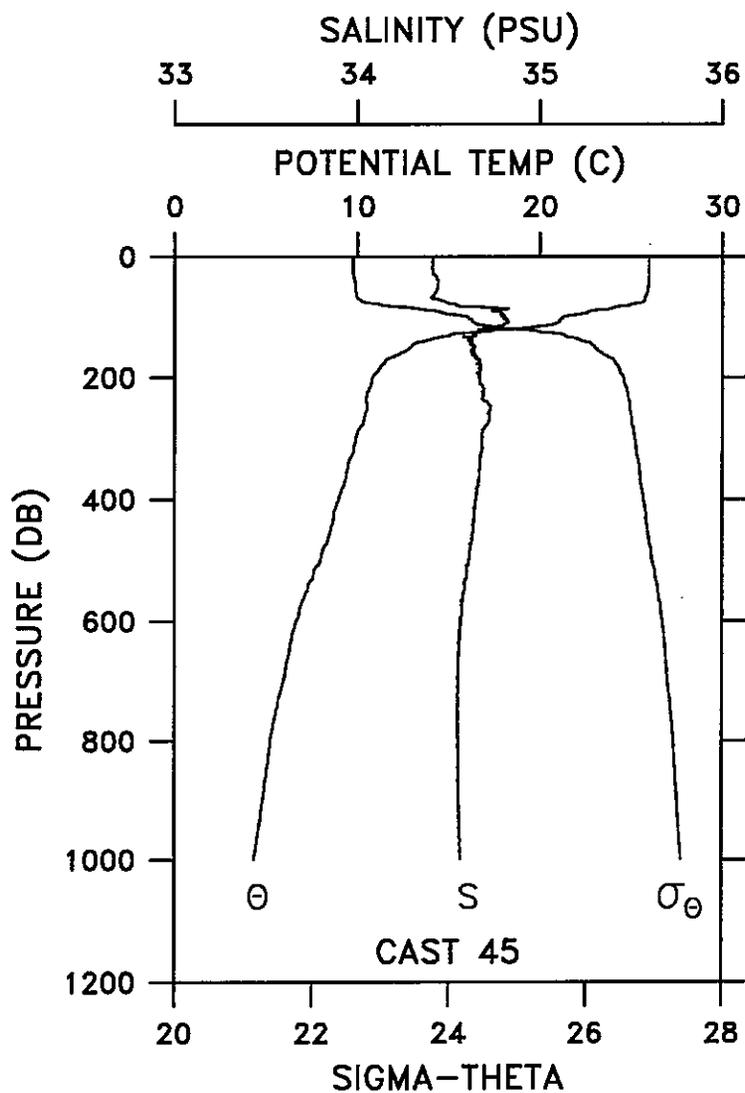
CAST EP5-92-DI -044 DATE 28 SEP 92 TIME 2252 GMT
 LAT 02 59.9N LONG 125 00.3W WEATHER SEA STATE 3
 BAROMETER 10 WIND DIR 160 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.5 WET 22.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.807	34.381	22.628	0.000
10	25.771	34.382	22.640	0.052
20	25.661	34.378	22.671	0.104
30	25.634	34.389	22.687	0.156
40	25.551	34.429	22.743	0.207
50	25.371	34.460	22.822	0.258
60	25.201	34.467	22.879	0.308
70	25.092	34.497	22.935	0.358
80	24.816	34.611	23.105	0.407
90	22.708	34.774	23.847	0.451
100	20.991	34.833	24.370	0.489
110	17.487	34.788	25.236	0.520
120	14.380	34.740	25.906	0.544
130	13.986	34.895	26.109	0.564
140	13.441	34.837	26.177	0.583
150	13.282	34.894	26.254	0.602
160	13.108	34.909	26.301	0.619
170	12.944	34.896	26.324	0.637
180	12.776	34.889	26.352	0.654
190	12.604	34.881	26.380	0.671
200	12.543	34.875	26.387	0.688
250	11.846	34.822	26.480	0.770
300	10.839	34.759	26.617	0.847
350	10.254	34.705	26.678	0.920
400	9.349	34.673	26.806	0.988
450	8.376	34.632	26.928	1.051
500	7.585	34.604	27.024	1.109
550	7.000	34.581	27.089	1.164
600	6.676	34.573	27.127	1.215
650	6.346	34.567	27.166	1.266
700	6.046	34.562	27.201	1.314
750	5.645	34.556	27.246	1.361
800	5.326	34.557	27.286	1.406
900	4.854	34.562	27.345	1.491
1000	4.449	34.572	27.398	1.571
1004	4.434	34.573	27.400	1.574

CAST EP5-92-DI -045 DATE 29 SEP 92 TIME 0500 GMT
LAT 04 00.1N LONG 125 00.1W



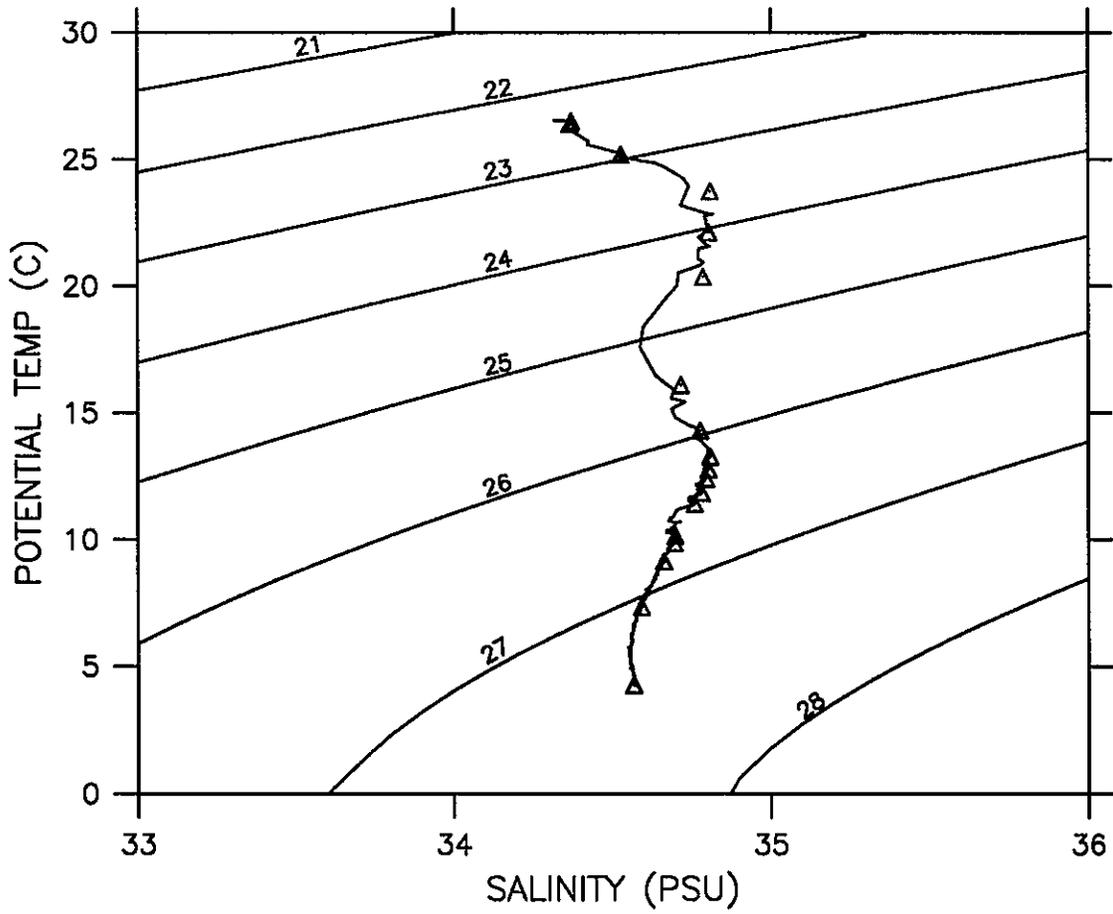
505



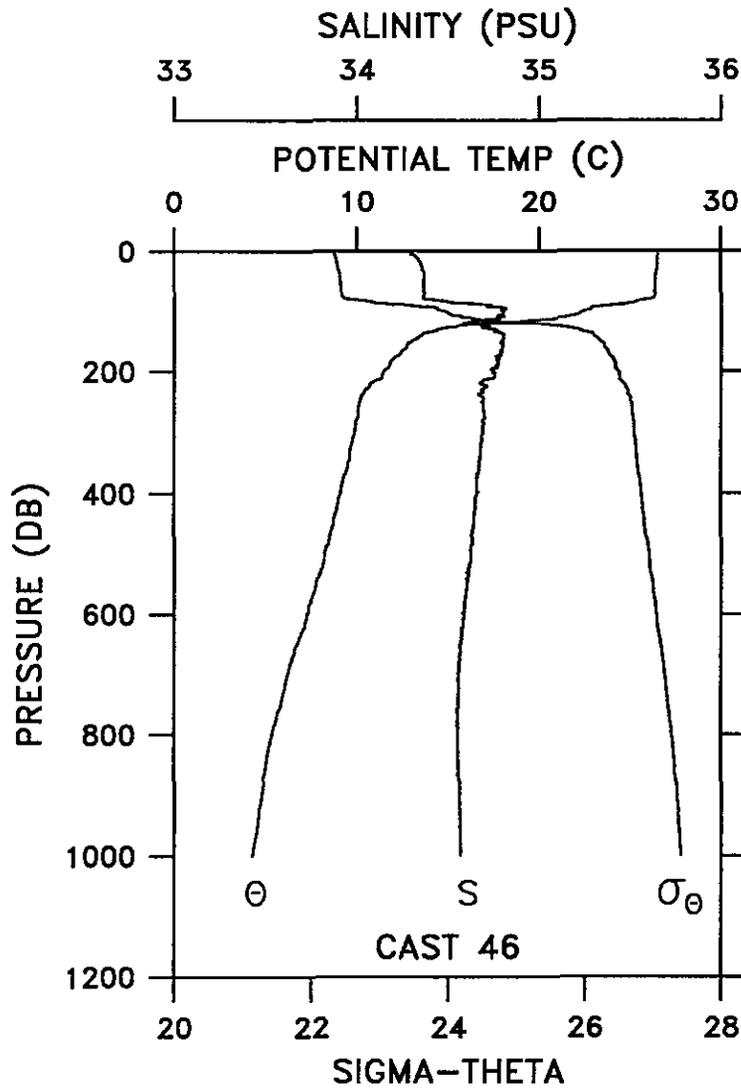
CAST EP5-92-DI -045 DATE 29 SEP 92 TIME 0500 GMT
 LAT 04 00.1N LONG 125 00.1W WEATHER SEA STATE 4
 BAROMETER 10 WIND DIR 180 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.6 WET 22.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.972	34.413	22.601	0.000
10	25.969	34.411	22.601	0.052
20	25.967	34.410	22.601	0.105
30	25.974	34.416	22.603	0.157
40	25.961	34.441	22.626	0.210
50	25.923	34.437	22.634	0.262
60	25.868	34.425	22.643	0.314
70	25.735	34.424	22.683	0.366
80	24.961	34.544	23.010	0.417
90	22.806	34.736	23.790	0.462
100	21.228	34.801	24.281	0.501
110	20.918	34.817	24.378	0.537
120	18.130	34.665	24.984	0.571
130	15.038	34.651	25.695	0.597
140	13.594	34.618	25.977	0.619
150	12.884	34.638	26.136	0.639
160	12.355	34.641	26.242	0.658
170	11.597	34.669	26.408	0.675
180	11.297	34.674	26.468	0.691
190	11.084	34.665	26.500	0.707
200	10.805	34.664	26.549	0.723
250	10.512	34.726	26.649	0.796
300	9.900	34.681	26.720	0.867
350	9.440	34.667	26.786	0.935
400	8.980	34.650	26.847	1.000
450	8.523	34.634	26.907	1.062
500	7.950	34.611	26.976	1.122
550	7.248	34.584	27.056	1.178
600	6.633	34.562	27.124	1.231
650	6.268	34.555	27.167	1.281
700	5.933	34.549	27.205	1.330
750	5.539	34.548	27.253	1.376
800	5.238	34.551	27.291	1.421
900	4.825	34.555	27.342	1.506
1000	4.358	34.566	27.403	1.586
1004	4.342	34.566	27.405	1.589

CAST EP5-92-DI -046 DATE 30 SEP 92 TIME 0111 GMT
LAT 05 03.1N LONG 125 00.9W



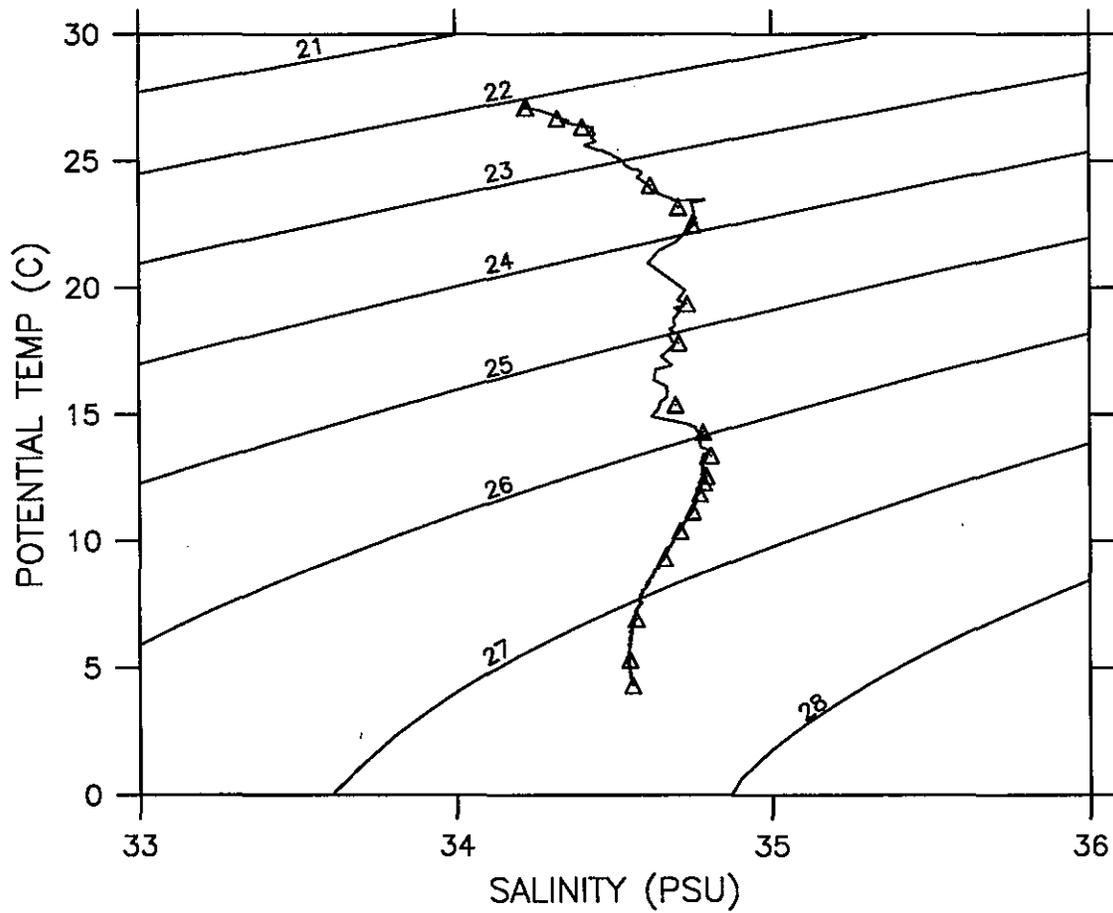
CAST EP5-92-DI -046 DATE 30 SEP 92 TIME 0111 GMT
 LAT 05 03.1N LONG 125 00.9W WEATHER SEA STATE 4
 BAROMETER 10 WIND DIR 180 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.2 WET 22.0 DEPTH M



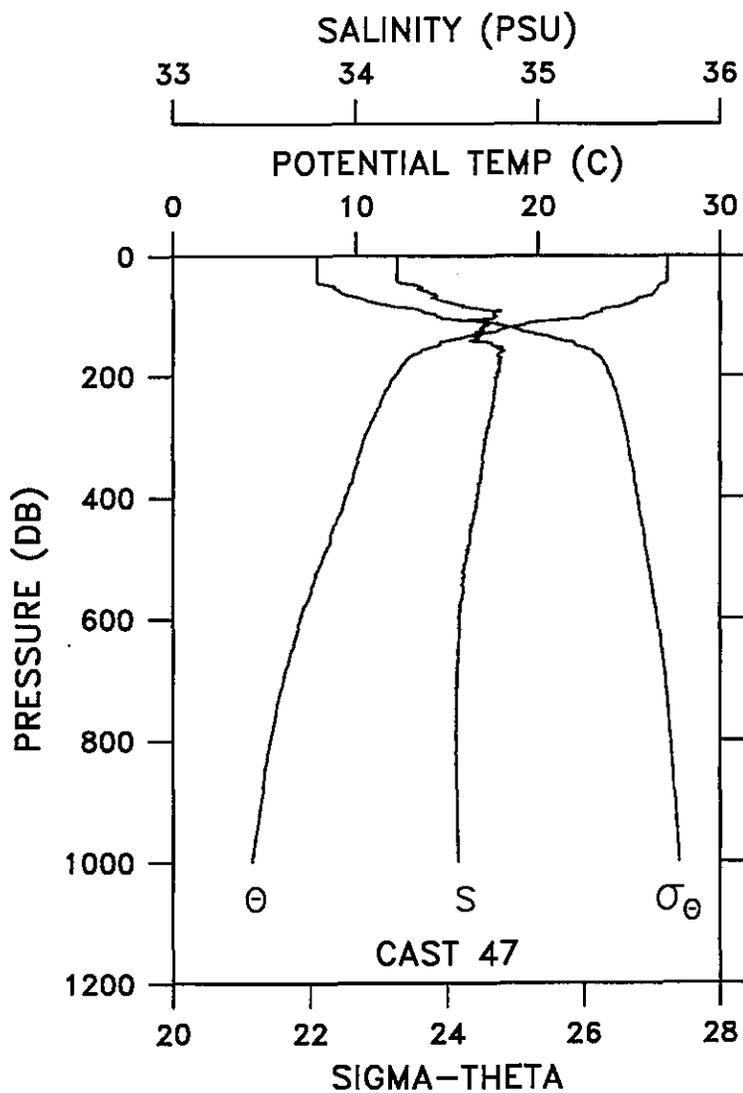
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.526	34.294	22.338	0.000
10	26.526	34.328	22.364	0.055
20	26.527	34.351	22.381	0.109
30	26.512	34.361	22.393	0.164
40	26.438	34.370	22.423	0.218
50	26.411	34.369	22.431	0.273
60	26.392	34.370	22.437	0.327
70	26.372	34.368	22.442	0.381
80	26.212	34.361	22.487	0.435
90	24.244	34.724	23.362	0.485
100	22.461	34.795	23.933	0.527
110	21.483	34.773	24.190	0.566
120	17.592	34.586	25.055	0.600
130	14.481	34.745	25.888	0.624
140	13.553	34.803	26.128	0.644
150	13.016	34.803	26.237	0.663
160	12.724	34.798	26.292	0.681
170	12.385	34.784	26.347	0.698
180	11.968	34.766	26.414	0.715
190	11.788	34.772	26.453	0.731
200	11.458	34.748	26.496	0.747
250	10.162	34.685	26.678	0.822
300	9.885	34.689	26.729	0.891
350	9.520	34.674	26.778	0.959
400	9.120	34.659	26.832	1.024
450	8.723	34.643	26.883	1.088
500	8.229	34.622	26.943	1.149
550	7.757	34.605	27.000	1.208
600	7.269	34.588	27.057	1.264
650	6.743	34.567	27.113	1.318
700	6.212	34.558	27.176	1.369
750	5.837	34.556	27.222	1.417
800	5.365	34.555	27.280	1.463
900	4.795	34.563	27.352	1.547
1000	4.285	34.571	27.415	1.627
1003	4.258	34.573	27.419	1.629

507

CAST EP5-92-DI -047 DATE 30 SEP 92 TIME 0725 GMT
LAT 06 00.1N LONG 124 59.9W



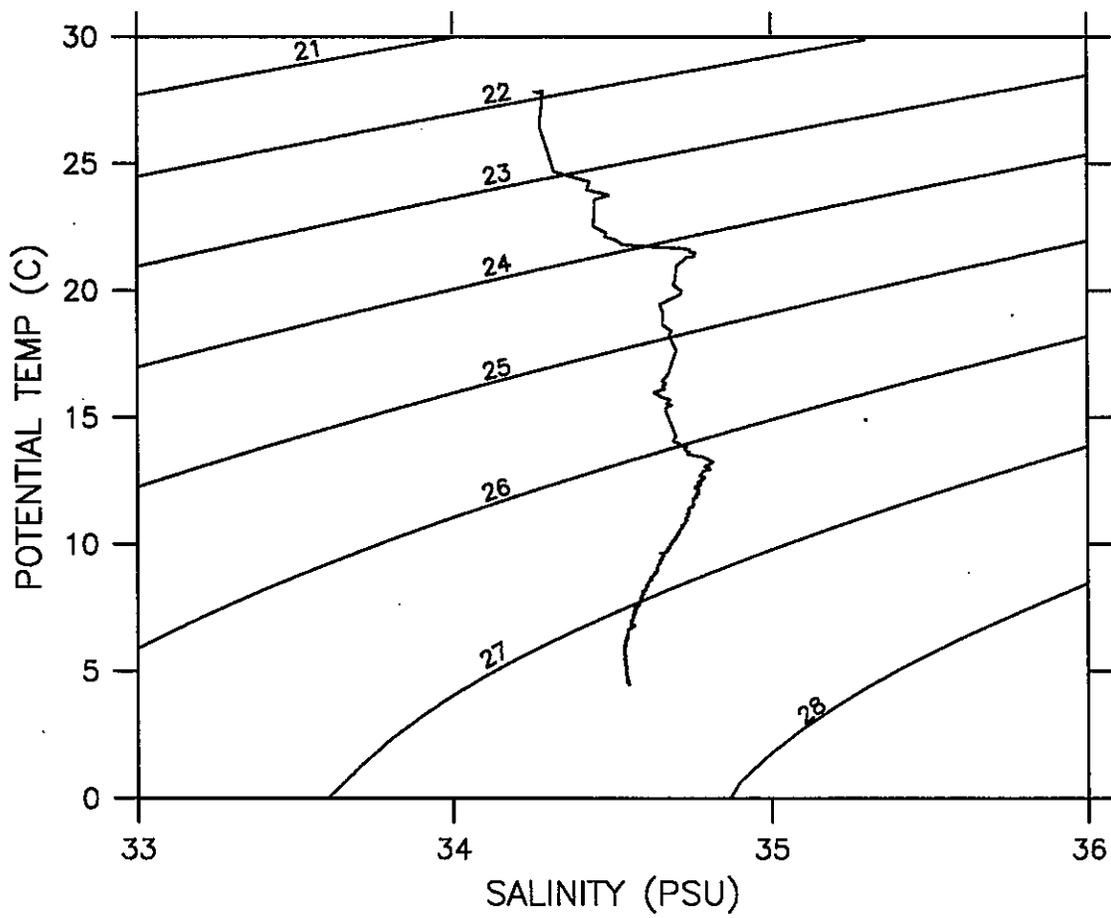
605



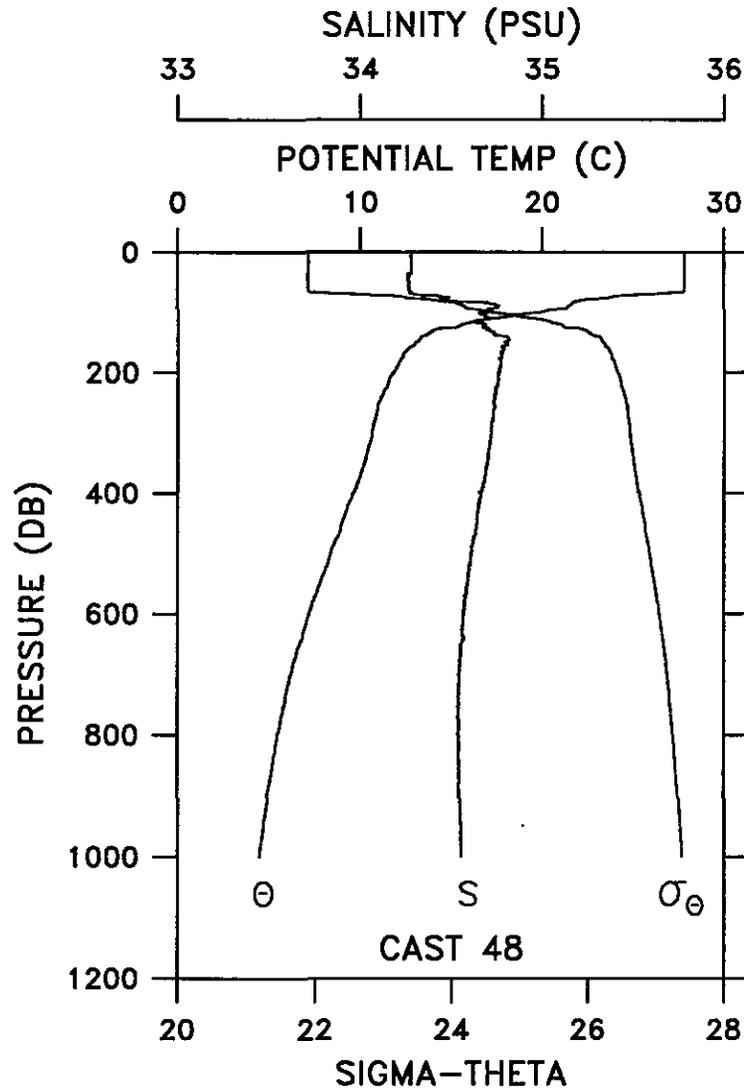
CAST EP5-92-DI -047 DATE 30 SEP 92 TIME 0725 GMT
 LAT 06 00.1N LONG 124 59.9W WEATHER SEA STATE 3
 BAROMETER 12 WIND DIR 175 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.0 WET 22.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.103	34.226	22.104	0.000
10	27.112	34.226	22.101	0.057
20	27.108	34.226	22.102	0.114
30	27.104	34.226	22.104	0.172
40	27.106	34.226	22.103	0.229
50	26.660	34.345	22.334	0.286
60	26.431	34.398	22.446	0.340
70	25.626	34.416	22.711	0.393
80	24.993	34.537	22.995	0.444
90	23.450	34.691	23.570	0.490
100	22.689	34.754	23.838	0.532
110	20.262	34.689	24.457	0.572
120	18.349	34.683	24.944	0.604
130	16.956	34.687	25.285	0.633
140	15.203	34.645	25.654	0.659
150	14.465	34.760	25.903	0.681
160	13.544	34.806	26.132	0.701
170	12.884	34.781	26.247	0.719
180	12.625	34.791	26.306	0.737
190	12.380	34.781	26.346	0.755
200	12.159	34.779	26.387	0.772
250	11.304	34.752	26.527	0.852
300	10.505	34.716	26.643	0.927
350	9.966	34.690	26.716	0.999
400	9.408	34.665	26.790	1.068
450	8.767	34.632	26.867	1.133
500	8.178	34.606	26.938	1.195
550	7.592	34.589	27.011	1.253
600	6.971	34.570	27.084	1.308
650	6.533	34.561	27.137	1.361
700	6.038	34.554	27.195	1.410
750	5.645	34.552	27.243	1.457
800	5.332	34.550	27.279	1.502
900	4.804	34.555	27.345	1.588
1000	4.322	34.563	27.404	1.668
1001	4.316	34.564	27.406	1.669

CAST EP5-92-DI -048 DATE 30 SEP 92 TIME 1315 GMT
LAT 06 59.8N LONG 124 59.5W

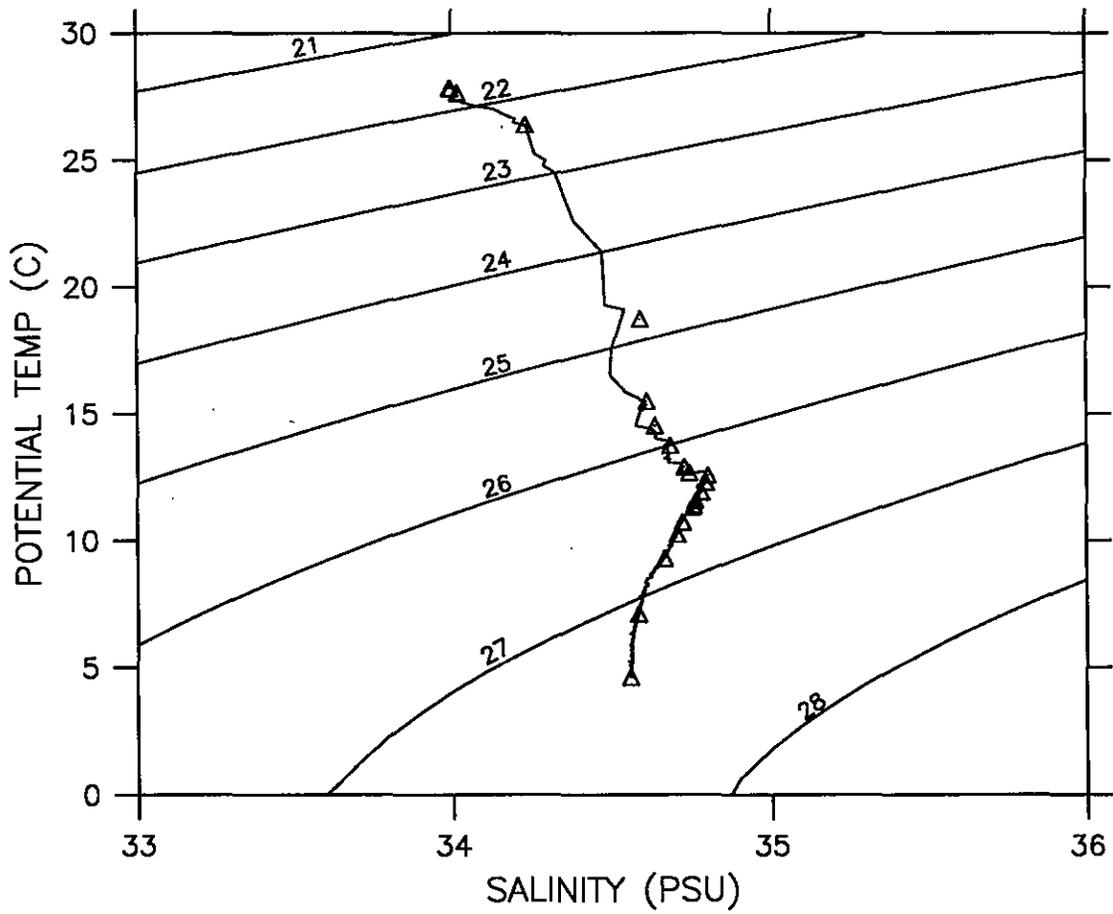


CAST EP5-92-DI-048 DATE 30 SEP 92 TIME 1315 GMT
 LAT 06 59.8N LONG 124 59.5W WEATHER SEA STATE 3
 BAROMETER 09 WIND DIR 140 T SPD 16 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.0 WET 21.7 DEPTH M

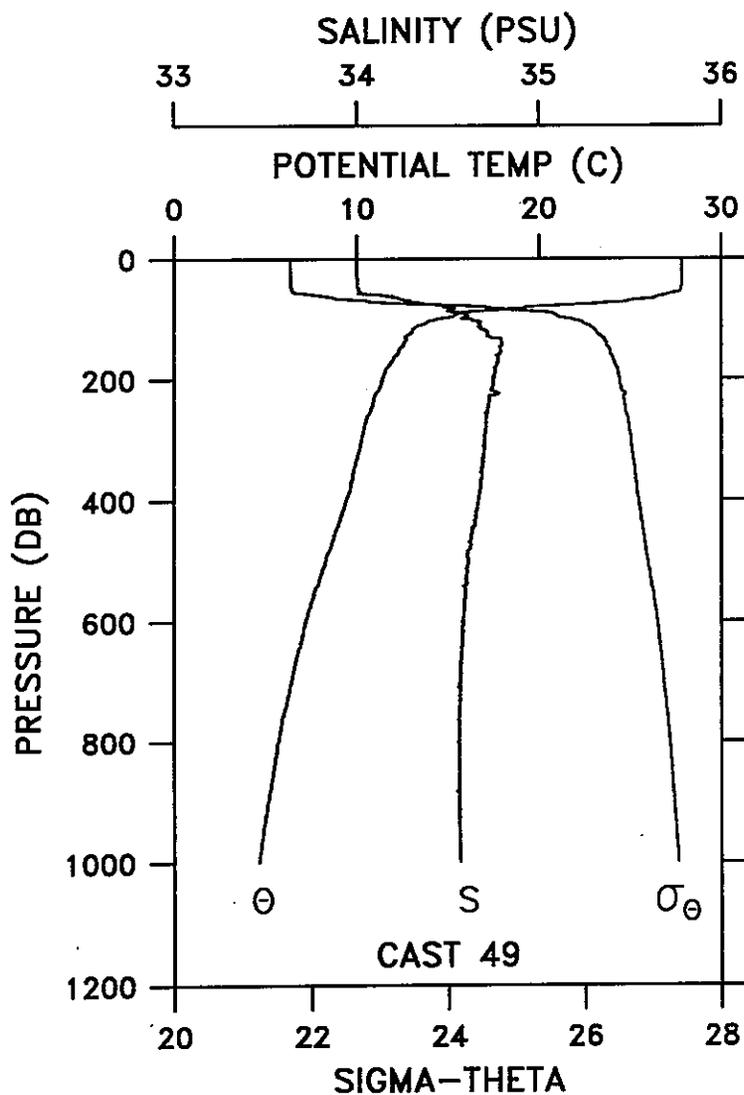


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.847	34.281	21.906	0.000
10	27.828	34.280	21.912	0.059
20	27.828	34.281	21.912	0.118
30	27.830	34.281	21.912	0.177
40	27.834	34.269	21.901	0.236
50	27.832	34.268	21.901	0.296
60	27.822	34.269	21.905	0.355
70	25.877	34.290	22.538	0.413
80	22.265	34.482	23.751	0.460
90	21.480	34.763	24.183	0.499
100	19.997	34.720	24.550	0.535
110	17.637	34.702	25.133	0.567
120	15.690	34.683	25.575	0.593
130	14.059	34.693	25.938	0.616
140	13.429	34.787	26.141	0.636
150	13.059	34.790	26.219	0.655
160	12.659	34.790	26.298	0.673
170	12.362	34.771	26.342	0.690
180	12.169	34.769	26.378	0.707
190	12.021	34.767	26.404	0.724
200	11.843	34.761	26.434	0.741
250	11.009	34.733	26.566	0.819
300	10.618	34.716	26.623	0.894
350	10.211	34.697	26.679	0.967
400	9.585	34.660	26.757	1.037
450	8.977	34.639	26.839	1.104
500	8.361	34.608	26.911	1.167
550	7.770	34.590	26.986	1.227
600	7.184	34.569	27.054	1.283
650	6.658	34.552	27.113	1.337
700	6.164	34.540	27.168	1.388
750	5.823	34.540	27.212	1.436
800	5.448	34.539	27.257	1.483
900	4.890	34.543	27.326	1.571
1000	4.462	34.551	27.380	1.653
1003	4.453	34.554	27.383	1.655

CAST EP5-92-DI -049 DATE 01 OCT 92 TIME 0401 GMT
LAT 08 03.4N LONG 124 59.8W

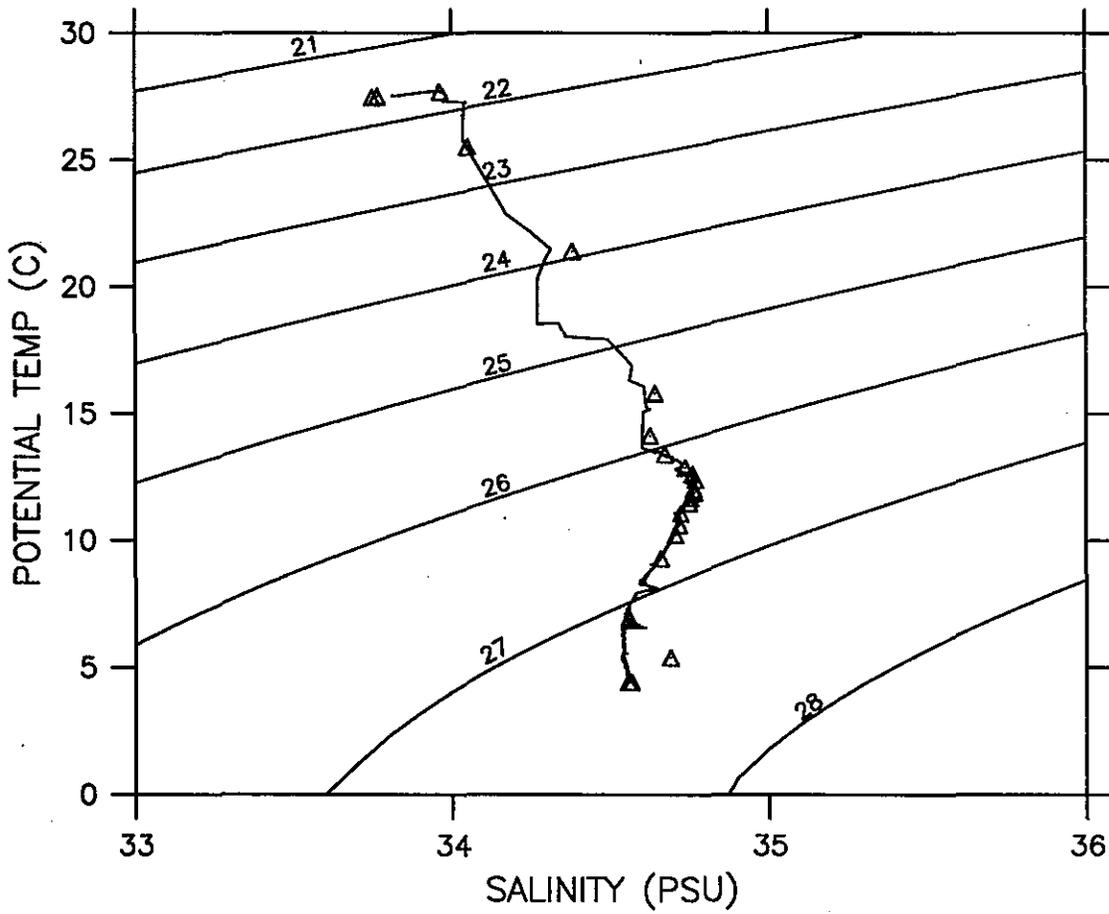


CAST EP5-92-DI-049 DATE 01 OCT 92 TIME 0401 GMT
 LAT 08 03.4N LONG 124 59.8W WEATHER SEA STATE 4
 BAROMETER 10 WIND DIR 200 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 27.2 WET 24.5 DEPTH M

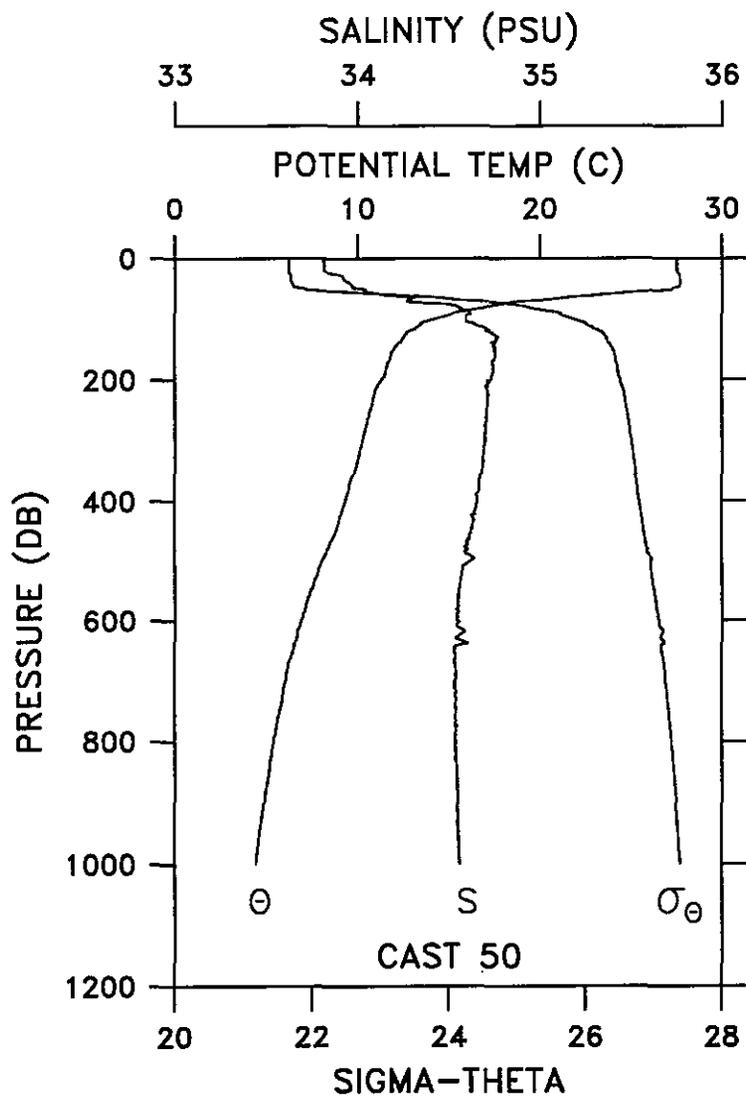


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.833	33.997	21.697	0.000
10	27.838	33.998	21.696	0.061
20	27.837	33.999	21.697	0.122
30	27.835	34.001	21.700	0.183
40	27.837	34.001	21.699	0.244
50	27.791	34.010	21.720	0.306
60	26.986	34.137	22.074	0.366
70	24.876	34.290	22.844	0.420
80	19.281	34.478	24.552	0.463
90	15.609	34.586	25.518	0.493
100	14.388	34.627	25.817	0.517
110	13.524	34.675	26.035	0.538
120	13.036	34.710	26.161	0.557
130	12.654	34.733	26.255	0.575
140	12.572	34.795	26.319	0.593
150	12.330	34.787	26.360	0.610
160	12.100	34.764	26.387	0.627
170	11.911	34.775	26.432	0.644
180	11.680	34.759	26.463	0.660
190	11.507	34.755	26.492	0.676
200	11.393	34.749	26.508	0.691
250	10.762	34.719	26.600	0.767
300	10.248	34.701	26.676	0.840
350	9.817	34.683	26.736	0.910
400	9.410	34.668	26.792	0.978
450	8.837	34.632	26.856	1.043
500	8.277	34.607	26.923	1.106
550	7.662	34.593	27.004	1.165
600	7.190	34.581	27.062	1.221
650	6.762	34.572	27.114	1.274
700	6.391	34.563	27.157	1.325
750	6.004	34.563	27.207	1.375
800	5.680	34.556	27.242	1.422
900	5.127	34.560	27.312	1.511
1000	4.624	34.566	27.374	1.595
1003	4.612	34.567	27.376	1.597

CAST EP5-92-DI -050 DATE 01 OCT 92 TIME 1557 GMT
LAT 08 59.8N LONG 124 59.9W



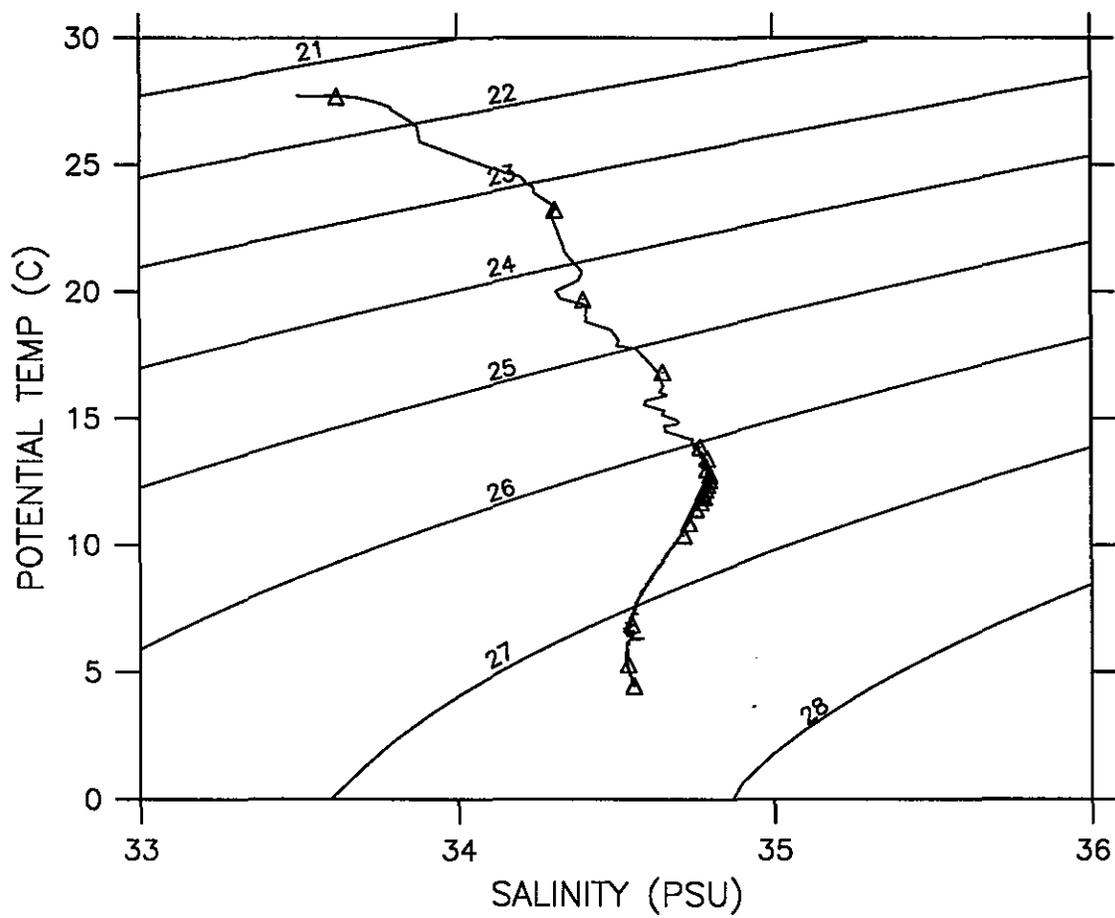
CAST EP5-92-DI -050 DATE 01 OCT 92 TIME 1557 GMT
 LAT 08 59.8N LONG 124 59.9W WEATHER 1 SEA STATE 4
 BAROMETER 10 WIND DIR 205 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 28.0 WET 24.0 DEPTH M



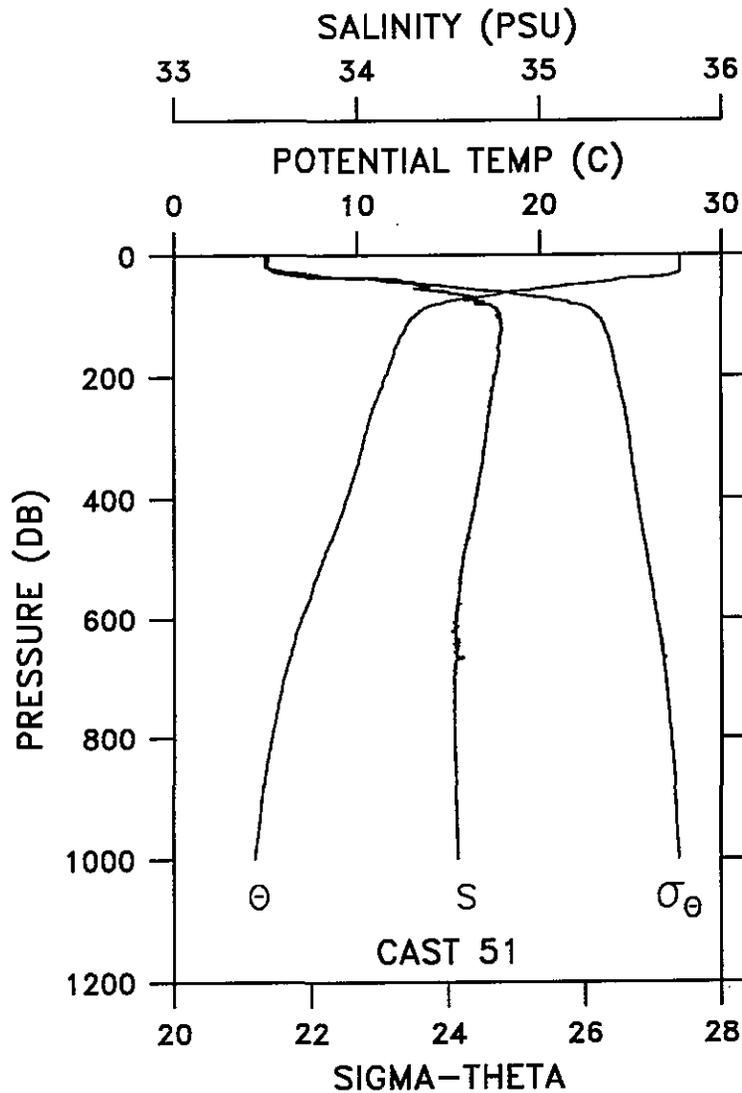
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.523	33.816	21.661	0.000
10	27.522	33.815	21.661	0.061
20	27.522	33.813	21.659	0.123
30	27.682	33.916	21.685	0.184
40	27.711	33.952	21.703	0.245
50	27.302	34.008	21.877	0.306
60	23.645	34.134	23.092	0.361
70	19.723	34.270	24.279	0.402
80	17.190	34.544	25.120	0.434
90	15.340	34.609	25.596	0.461
100	14.348	34.598	25.803	0.484
110	13.509	34.647	26.017	0.505
120	12.860	34.716	26.201	0.524
130	12.544	34.770	26.306	0.542
140	12.237	34.751	26.351	0.559
150	11.969	34.752	26.403	0.576
160	11.820	34.754	26.432	0.593
170	11.704	34.737	26.441	0.609
180	11.583	34.740	26.466	0.625
190	11.489	34.735	26.480	0.641
200	11.319	34.729	26.507	0.657
250	10.669	34.706	26.606	0.732
300	10.243	34.697	26.674	0.805
350	9.844	34.679	26.728	0.876
400	9.348	34.656	26.793	0.943
450	8.806	34.621	26.852	1.009
500	8.051	34.616	26.965	1.070
550	7.406	34.554	27.010	1.129
600	6.917	34.547	27.074	1.184
650	6.475	34.531	27.121	1.236
700	6.069	34.534	27.176	1.286
750	5.738	34.539	27.221	1.334
800	5.399	34.537	27.261	1.380
900	4.888	34.548	27.330	1.467
1000	4.436	34.557	27.387	1.549
1003	4.424	34.560	27.391	1.551

515

CAST EP5-92-DI -051 DATE 02 OCT 92 TIME 0037 GMT
LAT 09 59.3N LONG 124 59.4W

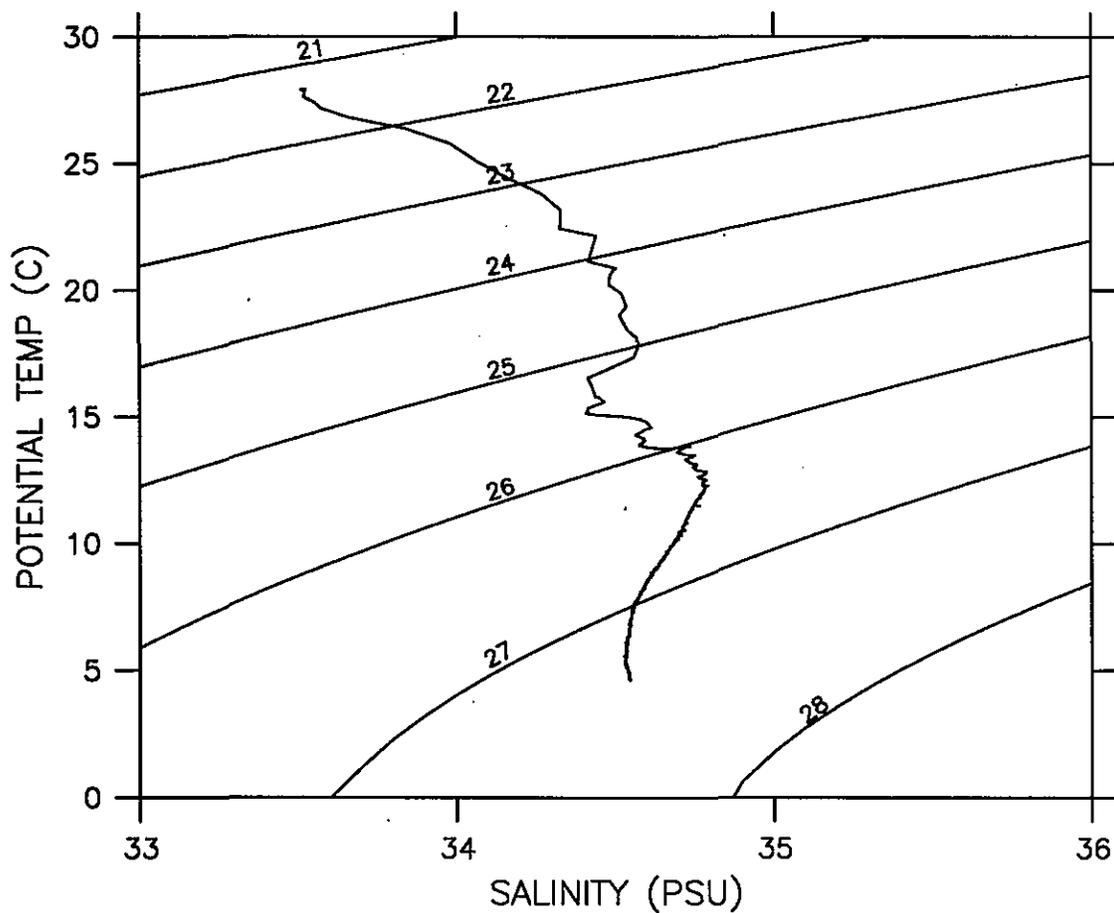


CAST EP5-92-DI -051 DATE 02 OCT 92 TIME 0037 GMT
 LAT 09 59.3N LONG 124 59.4W WEATHER 2 SEA STATE 4
 BAROMETER 08 WIND DIR 230 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.5 WET 23.7 DEPTH M

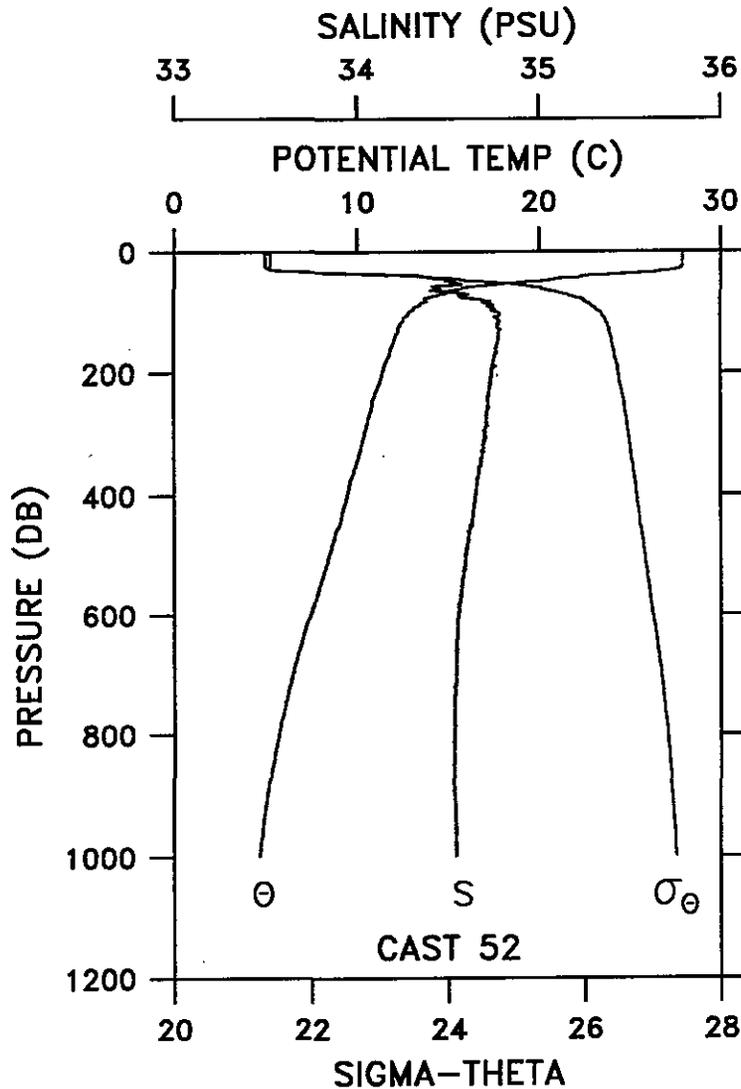


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.698	33.497	21.364	0.000
10	27.699	33.498	21.365	0.064
20	27.698	33.502	21.368	0.128
30	27.617	33.691	21.537	0.192
40	24.280	34.218	22.968	0.250
50	21.518	34.344	23.854	0.295
60	18.483	34.486	24.760	0.332
70	16.261	34.649	25.418	0.361
80	14.702	34.654	25.771	0.385
90	13.624	34.772	26.090	0.406
100	13.190	34.765	26.173	0.425
110	12.868	34.786	26.254	0.443
120	12.686	34.795	26.297	0.460
130	12.508	34.793	26.330	0.478
140	12.322	34.784	26.360	0.495
150	12.155	34.778	26.387	0.512
160	12.051	34.782	26.410	0.528
170	11.935	34.776	26.428	0.545
180	11.815	34.771	26.447	0.561
190	11.714	34.764	26.460	0.577
200	11.543	34.755	26.485	0.593
250	10.899	34.725	26.580	0.671
300	10.394	34.705	26.654	0.744
350	9.978	34.682	26.708	0.816
400	9.432	34.651	26.775	0.885
450	8.851	34.613	26.839	0.951
500	8.167	34.580	26.919	1.013
550	7.574	34.561	26.992	1.073
600	6.965	34.545	27.065	1.129
650	6.469	34.549	27.135	1.182
700	5.987	34.533	27.185	1.232
750	5.673	34.536	27.227	1.279
800	5.335	34.533	27.266	1.325
900	4.825	34.546	27.335	1.412
1000	4.440	34.556	27.386	1.493
1000	4.440	34.556	27.386	1.493

CAST EP5-92-DI -052 DATE 02 OCT 92 TIME 1006 GMT
LAT 11 59.4N LONG 125 00.4W

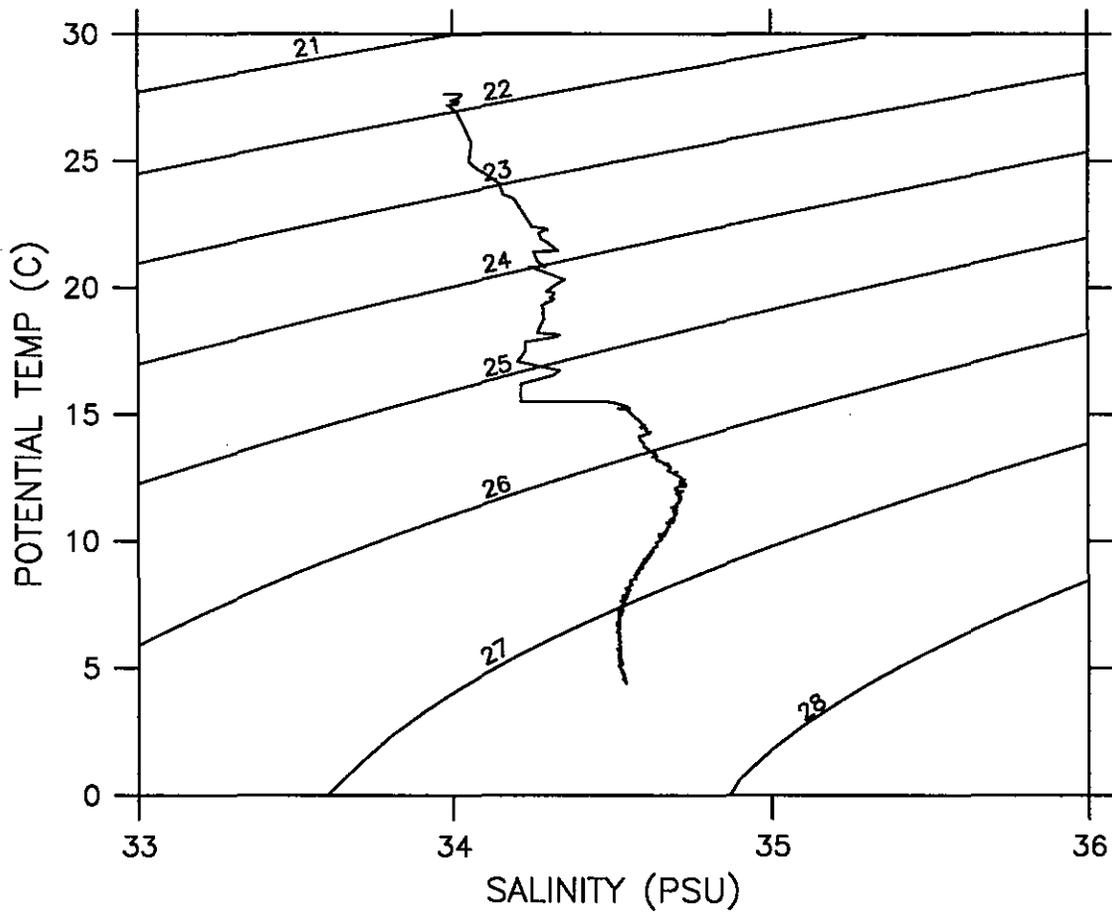


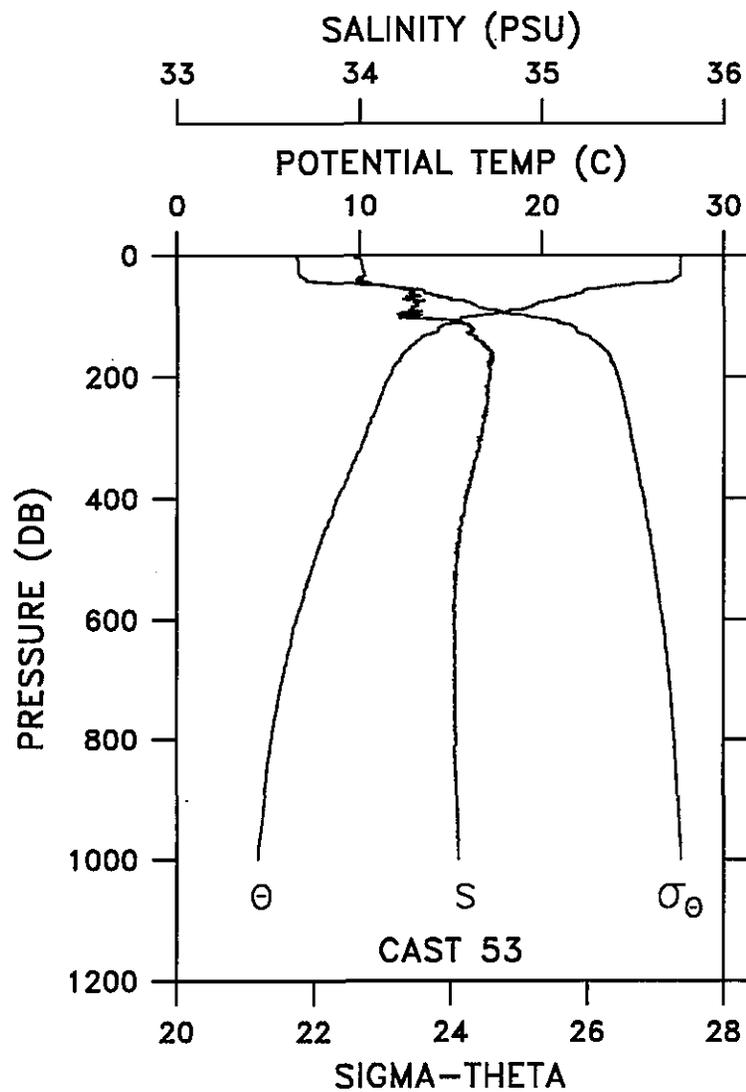
CAST EP5-92-DI -052 DATE 02 OCT 92 TIME 1006 GMT
 LAT 11 59.4N LONG 125 00.4W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 230 T SPD 16 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.0 WET 24.6 DEPTH M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.897	33.509	21.309	0.000
10	27.904	33.525	21.319	0.065
20	27.891	33.524	21.322	0.129
30	27.630	33.517	21.401	0.194
40	23.151	34.331	23.384	0.250
50	19.882	34.522	24.429	0.290
60	15.979	34.431	25.316	0.320
70	14.896	34.581	25.672	0.345
80	13.772	34.686	25.993	0.367
90	13.435	34.741	26.104	0.387
100	12.894	34.759	26.228	0.405
110	12.588	34.768	26.295	0.423
120	12.407	34.777	26.338	0.440
130	12.304	34.787	26.366	0.457
140	12.138	34.778	26.391	0.474
150	12.034	34.775	26.408	0.491
160	11.878	34.764	26.429	0.507
170	11.790	34.759	26.442	0.523
180	11.637	34.749	26.463	0.539
190	11.515	34.746	26.484	0.555
200	11.413	34.743	26.500	0.571
250	10.844	34.721	26.587	0.648
300	10.422	34.703	26.647	0.722
350	9.940	34.678	26.711	0.793
400	9.469	34.652	26.770	0.862
450	9.026	34.622	26.818	0.929
500	8.456	34.595	26.887	0.993
550	7.976	34.576	26.945	1.054
600	7.460	34.559	27.007	1.113
650	6.927	34.546	27.071	1.169
700	6.471	34.543	27.130	1.222
750	6.076	34.535	27.176	1.272
800	5.688	34.535	27.224	1.321
900	5.087	34.537	27.298	1.412
1000	4.633	34.546	27.357	1.497
1002	4.629	34.547	27.358	1.499

CAST EP5-92-DI -053 DATE 03 OCT 92 TIME 1131 GMT
LAT 13 42.9N LONG 120 00.1W





CAST EP5-92-DI-053 DATE 03 OCT 92 TIME 1131 GMT
 LAT 13 42.9N LONG 120 00.1W WEATHER 1 SEA STATE 4
 BAROMETER 09 WIND DIR 230 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 27.0 WET 24.6 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.638	34.000	21.763	0.000
10	27.642	34.010	21.769	0.060
20	27.644	34.015	21.772	0.121
30	27.635	34.022	21.780	0.181
40	27.244	34.017	21.902	0.241
50	24.091	34.148	22.971	0.297
60	22.255	34.300	23.616	0.342
70	21.011	34.270	23.937	0.384
80	19.757	34.321	24.309	0.422
90	18.782	34.290	24.535	0.458
100	16.526	34.314	25.100	0.489
110	15.203	34.558	25.587	0.516
120	14.297	34.611	25.824	0.539
130	13.875	34.599	25.904	0.561
140	13.207	34.640	26.073	0.581
150	12.784	34.676	26.185	0.600
160	12.420	34.724	26.294	0.618
170	12.232	34.714	26.323	0.636
180	11.920	34.714	26.383	0.653
190	11.744	34.713	26.415	0.670
200	11.619	34.714	26.439	0.686
250	10.905	34.690	26.551	0.765
300	10.235	34.653	26.641	0.840
350	9.540	34.626	26.737	0.910
400	8.762	34.582	26.829	0.977
450	8.135	34.553	26.903	1.040
500	7.561	34.531	26.970	1.100
550	7.007	34.523	27.042	1.157
600	6.535	34.518	27.102	1.210
650	6.140	34.519	27.155	1.261
700	5.776	34.521	27.203	1.310
750	5.475	34.526	27.243	1.356
800	5.183	34.531	27.282	1.401
900	4.781	34.535	27.332	1.487
1000	4.423	34.542	27.377	1.569
1004	4.403	34.544	27.381	1.572

CAST EP5-92-DI -002 LAT 10 00.4N LONG 139 59.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	28.795	33.878	0.00	28.794	21.293
12.	28.655	33.878	0.00	28.652	21.340
20.	28.634	33.879	0.00	28.629	21.348
43.	28.584	34.435	0.00	28.574	21.784
53.	27.751	34.507	0.00	27.739	22.111
62.	27.082	34.509	0.00	27.068	22.328
83.	23.020	34.404	0.00	23.003	23.482
95.	16.693	34.501	0.00	16.678	25.208
102.	14.916	34.547	0.00	14.901	25.645
112.	14.179	34.567	0.00	14.163	25.819
121.	13.516	34.589	0.00	13.499	25.974
132.	12.962	34.646	0.00	12.944	26.130
141.	12.610	34.669	0.00	12.591	26.218
152.	12.207	34.662	0.00	12.187	26.291
168.	11.752	34.684	0.00	11.731	26.395
184.	11.471	34.704	0.00	11.448	26.464
201.	11.277	34.726	0.00	11.252	26.517
253.	10.668	34.714	0.00	10.637	26.618
303.	10.159	34.689	0.00	10.123	26.688
602.	7.472	34.566	0.00	7.412	27.019
802.	5.810	34.538	0.00	5.739	27.221
1000.	4.748	34.549	0.00	4.667	27.356

CAST EP5-92-DI -004 LAT 08 00.0N LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	28.615	34.202	0.00	28.614	21.596
13.	28.441	34.195	0.00	28.438	21.648
22.	28.401	34.197	0.00	28.396	21.664
43.	28.387	34.198	0.00	28.377	21.671
53.	28.388	34.201	0.00	28.375	21.673
63.	28.390	34.202	0.00	28.375	21.674
82.	28.348	34.623	0.00	28.329	22.006
93.	27.777	34.717	0.00	27.755	22.264
101.	24.817	34.500	0.00	24.795	23.027
113.	20.646	34.529	0.00	20.625	24.238
122.	17.276	34.541	0.00	17.256	25.102
133.	14.684	34.540	0.00	14.664	25.691
141.	13.430	34.594	0.00	13.410	25.996
151.	12.863	34.619	0.00	12.843	26.130
168.	12.191	34.660	0.00	12.169	26.293
182.	11.745	34.704	0.00	11.722	26.412
203.	11.313	34.719	0.00	11.288	26.505
253.	10.414	34.685	0.00	10.384	26.640
304.	10.018	34.683	0.00	9.983	26.708
402.	9.462	34.669	0.00	9.417	26.792
603.	7.658	34.588	0.00	7.597	27.010
804.	5.787	34.544	0.00	5.716	27.228
1004.	4.759	34.556	0.00	4.677	27.360
1004.	4.757	34.555	0.00	4.675	27.360

CAST EP5-92-DI -003 LAT 08 57.7N LONG 140 18.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
14.	28.376	33.899	0.00	28.373	21.447
33.	28.379	33.900	0.00	28.371	21.449
43.	28.607	34.416	0.00	28.597	21.762
53.	28.441	34.637	0.00	28.428	21.983
64.	28.215	34.376	0.00	28.200	21.862
83.	25.601	34.445	0.00	25.583	22.746
92.	22.318	34.553	0.00	22.300	23.796
112.	15.587	34.514	0.00	15.570	25.472
133.	13.429	34.632	0.00	13.410	26.025
142.	13.071	34.673	0.00	13.051	26.130
154.	12.554	34.731	0.00	12.533	26.278
168.	12.072	34.726	0.00	12.050	26.367
182.	11.588	34.722	0.00	11.565	26.456
252.	10.467	34.689	0.00	10.437	26.634
303.	10.048	34.672	0.00	10.013	26.694
401.	9.459	34.576	0.00	9.414	26.719
603.	7.690	34.541	0.00	7.629	26.968
803.	5.815	34.555	0.00	5.744	27.233
1001.	4.742	34.555	0.00	4.660	27.361

CAST EP5-92-DI -005 LAT 06 00.3N LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
12.	27.723	34.546	0.00	27.720	22.146
23.	27.291	34.554	0.00	27.286	22.293
44.	26.509	34.544	0.00	26.499	22.535
52.	26.416	34.553	0.00	26.404	22.572
61.	26.288	34.557	0.00	26.274	22.615
84.	25.777	34.654	0.00	25.758	22.849
92.	25.714	34.671	0.00	25.694	22.882
103.	24.183	34.772	0.00	24.161	23.423
112.	23.796	34.820	0.00	23.773	23.574
122.	23.750	34.960	0.00	23.724	23.694
133.	23.719	34.982	0.00	23.691	23.720
143.	23.169	34.969	0.00	23.140	23.871
153.	22.247	34.933	0.00	22.217	24.108
166.	16.258	34.675	0.00	16.231	25.445
183.	13.364	34.629	0.00	13.338	26.038
204.	12.015	34.745	0.00	11.988	26.394
254.	11.058	34.735	0.00	11.027	26.565
302.	10.423	34.714	0.00	10.387	26.662
405.	9.604	34.679	0.00	9.558	26.776
606.	7.251	34.587	0.00	7.192	27.067
804.	5.637	34.552	0.00	5.567	27.253
1004.	4.615	34.560	0.00	4.534	27.379
1004.	4.615	34.560	0.00	4.534	27.379
1003.	4.619	34.560	0.00	4.538	27.379

CAST EP5-92-DI -006 LAT 05 00.4N LONG 140 03.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	26.775	34.577	0.00	26.774	22.473
12.	26.692	34.567	0.00	26.689	22.492
22.	26.586	34.556	0.00	26.581	22.518
43.	26.123	34.533	0.00	26.113	22.648
52.	26.028	34.538	0.00	26.016	22.682
64.	25.937	34.561	0.00	25.923	22.728
84.	25.722	34.624	0.00	25.704	22.844
93.	24.285	34.700	0.00	24.265	23.337
104.	23.837	34.797	0.00	23.815	23.544
113.	23.736	34.853	0.00	23.712	23.617
124.	23.650	34.971	0.00	23.624	23.732
132.	23.597	34.995	0.00	23.570	23.766
141.	23.445	34.997	0.00	23.416	23.812
154.	22.619	34.909	0.00	22.588	23.984
168.	17.701	34.732	0.00	17.673	25.148
203.	12.443	34.683	0.00	12.416	26.263
253.	10.638	34.713	0.00	10.608	26.623
305.	10.089	34.697	0.00	10.053	26.707
403.	9.258	34.662	0.00	9.213	26.819
604.	7.261	34.577	0.00	7.202	27.058
803.	5.345	34.550	0.00	5.277	27.286
1005.	4.462	34.563	0.00	4.382	27.398
1006.	4.462	34.563	0.00	4.382	27.398

CAST EP5-92-DI -009 LAT 02 59.4N LONG 140 07.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	26.921	34.571	0.00	26.918	22.423
23.	26.789	34.562	0.00	26.784	22.459
43.	26.435	34.586	0.00	26.425	22.590
54.	26.180	34.603	0.00	26.168	22.683
63.	25.475	34.610	0.00	25.461	22.908
83.	24.448	34.838	0.00	24.430	23.392
95.	24.471	34.933	0.00	24.451	23.458
104.	23.612	34.980	0.00	23.590	23.749
112.	23.010	34.944	0.00	22.987	23.896
122.	21.915	34.859	0.00	21.891	24.143
133.	17.969	34.743	0.00	17.946	25.090
144.	16.789	34.714	0.00	16.765	25.351
153.	14.690	34.662	0.00	14.667	25.785
169.	13.376	34.626	0.00	13.352	26.033
183.	12.484	34.629	0.00	12.460	26.213
203.	11.412	34.646	0.00	11.386	26.430
253.	10.492	34.659	0.00	10.462	26.606
302.	10.053	34.689	0.00	10.018	26.706
404.	9.112	34.653	0.00	9.067	26.836
601.	6.538	34.564	0.00	6.483	27.146
800.	5.376	34.549	0.00	5.308	27.282
1005.	4.449	34.562	0.00	4.369	27.399
1005.	4.449	34.562	0.00	4.369	27.399
1004.	4.449	34.562	0.00	4.369	27.399

CAST EP5-92-DI -008 LAT 03 58.3N LONG 140 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	27.102	34.582	0.00	27.101	22.373
12.	27.102	34.582	0.00	27.099	22.373
23.	27.069	34.581	0.00	27.064	22.384
43.	26.722	34.636	0.00	26.712	22.537
53.	26.213	34.649	0.00	26.201	22.708
64.	25.991	34.651	0.00	25.977	22.779
83.	24.814	34.633	0.00	24.796	23.127
93.	24.385	34.704	0.00	24.365	23.310
103.	23.840	34.790	0.00	23.818	23.538
121.	23.864	34.909	0.00	23.839	23.622
122.	23.821	34.999	0.00	23.796	23.703
133.	23.064	34.954	0.00	23.037	23.890
141.	22.209	34.871	0.00	22.181	24.071
152.	18.885	34.775	0.00	18.858	24.886
167.	14.941	34.649	0.00	14.916	25.721
184.	12.838	34.630	0.00	12.813	26.144
202.	11.187	34.657	0.00	11.162	26.479
252.	10.193	34.682	0.00	10.163	26.676
304.	9.723	34.678	0.00	9.688	26.754
404.	8.727	34.639	0.00	8.684	26.886
604.	6.764	34.570	0.00	6.707	27.120
802.	5.272	34.551	0.00	5.205	27.296
995.	4.452	34.566	0.00	4.373	27.401
995.	4.440	34.567	0.00	4.361	27.404

CAST EP5-92-DI -010 LAT 01 59.6N LONG 140 00.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	27.354	34.622	0.00	27.351	22.323
22.	27.087	34.602	0.00	27.082	22.394
42.	25.838	34.588	0.00	25.829	22.778
52.	25.312	34.743	0.00	25.301	23.057
62.	23.077	34.785	0.00	23.064	23.754
83.	20.098	34.809	0.00	20.083	24.596
91.	18.662	34.781	0.00	18.646	24.945
102.	16.956	34.752	0.00	16.939	25.339
112.	16.204	34.790	0.00	16.186	25.544
123.	14.948	34.776	0.00	14.929	25.815
132.	14.156	34.847	0.00	14.137	26.041
142.	13.937	34.869	0.00	13.917	26.104
152.	13.512	34.912	0.00	13.491	26.226
169.	13.152	34.907	0.00	13.129	26.296
184.	12.860	34.889	0.00	12.835	26.341
203.	12.586	34.871	0.00	12.559	26.381
251.	11.930	34.829	0.00	11.897	26.476
302.	11.246	34.799	0.00	11.208	26.582
403.	9.842	34.702	0.00	9.795	26.754
603.	6.586	34.565	0.00	6.530	27.140
800.	5.610	34.549	0.00	5.541	27.254
1004.	4.556	34.558	0.00	4.476	27.384
1004.	4.556	34.558	0.00	4.476	27.384
1003.	4.556	34.558	0.00	4.476	27.384

CAST EP5-92-DI -011 LAT 01 00.0N LONG 139 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	26.889	34.640	0.00	26.888	22.484
13.	26.895	34.640	0.00	26.892	22.483
23.	26.888	34.652	0.00	26.883	22.495
43.	24.033	34.773	0.00	24.024	23.464
54.	23.688	34.827	0.00	23.677	23.607
63.	23.612	34.840	0.00	23.599	23.640
82.	22.062	34.890	0.00	22.046	24.123
93.	21.452	34.882	0.00	21.434	24.287
103.	17.062	34.787	0.00	17.045	25.341
112.	15.348	34.783	0.00	15.331	25.732
123.	14.679	34.773	0.00	14.661	25.872
133.	13.876	34.787	0.00	13.857	26.053
143.	13.562	34.805	0.00	13.542	26.132
154.	13.480	34.829	0.00	13.458	26.168
169.	13.050	34.880	0.00	13.027	26.295
183.	12.629	34.876	0.00	12.604	26.376
202.	12.468	34.876	0.00	12.441	26.408
253.	12.356	34.869	0.00	12.322	26.426
302.	11.937	34.838	0.00	11.898	26.483
403.	9.772	34.706	0.00	9.726	26.769
602.	6.895	34.575	0.00	6.838	27.107
803.	5.472	34.545	0.00	5.403	27.267
1004.	4.357	34.559	0.00	4.278	27.406
1003.	4.363	34.558	0.00	4.284	27.405

CAST EP5-92-DI -013 LAT 00 00.2N LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	25.767	34.763	0.00	25.766	22.929
12.	25.768	34.764	0.00	25.765	22.930
22.	25.716	34.785	0.00	25.711	22.963
42.	25.553	35.141	0.00	25.544	23.283
54.	24.765	35.122	0.00	24.753	23.510
65.	23.458	35.145	0.00	23.445	23.916
93.	20.199	35.031	0.00	20.182	24.739
105.	19.406	35.187	0.00	19.387	25.066
112.	18.749	35.238	0.00	18.729	25.273
122.	18.552	35.208	0.00	18.531	25.300
133.	17.810	35.086	0.00	17.787	25.391
143.	17.633	35.217	0.00	17.609	25.535
152.	17.270	35.268	0.00	17.245	25.662
164.	16.614	35.138	0.00	16.587	25.719
185.	15.640	35.094	0.00	15.611	25.909
199.	14.365	35.020	0.00	14.336	26.132
255.	12.516	34.886	0.00	12.482	26.408
300.	12.064	34.851	0.00	12.025	26.469
401.	10.024	34.730	0.00	9.977	26.745
600.	7.359	34.592	0.00	7.300	27.056
803.	5.709	34.546	0.00	5.639	27.239
1002.	4.530	34.556	0.00	4.450	27.385
1002.	4.531	34.556	0.00	4.451	27.385

CAST EP5-92-DI -012 LAT 00 29.7N LONG 140 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	26.701	34.589	0.00	26.700	22.506
12.	26.687	34.589	0.00	26.684	22.511
22.	26.054	34.621	0.00	26.049	22.734
43.	24.969	34.838	0.00	24.960	23.233
55.	24.856	34.984	0.00	24.844	23.378
63.	23.896	35.079	0.00	23.883	23.738
83.	21.230	34.928	0.00	21.214	24.382
93.	17.696	34.836	0.00	17.680	25.226
102.	17.292	34.818	0.00	17.275	25.310
113.	16.014	34.787	0.00	15.996	25.585
122.	15.316	34.783	0.00	15.297	25.740
133.	15.044	34.841	0.00	15.024	25.845
143.	14.312	34.838	0.00	14.291	26.001
154.	13.866	34.940	0.00	13.844	26.174
167.	12.988	34.848	0.00	12.965	26.283
182.	12.690	34.844	0.00	12.665	26.339
202.	12.538	34.863	0.00	12.511	26.384
253.	12.291	34.867	0.00	12.257	26.437
301.	11.824	34.831	0.00	11.785	26.499
404.	10.010	34.720	0.00	9.963	26.740
602.	6.918	34.575	0.00	6.861	27.103
802.	5.467	34.547	0.00	5.398	27.269
1008.	4.346	34.560	0.00	4.267	27.408
1008.	4.347	34.559	0.00	4.268	27.407

CAST EP5-92-DI -014 LAT 00 15.0N LONG 139 59.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	25.954	34.664	0.00	25.953	22.797
13.	25.910	34.674	0.00	25.907	22.818
23.	25.771	34.741	0.00	25.766	22.913
43.	25.041	35.135	0.00	25.032	23.435
53.	24.087	35.121	0.00	24.076	23.712
63.	23.129	35.084	0.00	23.116	23.965
84.	19.976	34.955	0.00	19.961	24.739
94.	18.624	35.055	0.00	18.608	25.164
102.	18.151	35.103	0.00	18.133	25.319
112.	17.965	35.069	0.00	17.946	25.339
122.	17.623	35.022	0.00	17.602	25.387
133.	17.371	35.183	0.00	17.349	25.572
143.	16.228	34.993	0.00	16.205	25.696
152.	16.083	35.054	0.00	16.059	25.777
166.	15.052	34.945	0.00	15.027	25.924
182.	14.093	34.980	0.00	14.067	26.158
203.	12.735	34.875	0.00	12.708	26.355
253.	12.454	34.876	0.00	12.420	26.412
303.	11.891	34.839	0.00	11.852	26.493
403.	9.797	34.710	0.00	9.751	26.768
803.	5.598	34.546	0.00	5.529	27.253
1007.	4.458	34.555	0.00	4.378	27.392
1006.	4.459	34.554	0.00	4.379	27.391
1005.	4.463	34.554	0.00	4.383	27.391

CAST EP5-92-DI -015 LAT 00 15.0S LONG 139 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	25.427	35.132	0.00	25.424	23.313
23.	25.319	35.124	0.00	25.314	23.341
32.	24.775	35.095	0.00	24.768	23.485
43.	24.090	35.109	0.00	24.081	23.702
63.	23.797	35.192	0.00	23.784	23.852
84.	22.909	35.180	0.00	22.892	24.103
103.	20.829	35.096	0.00	20.809	24.620
123.	19.045	35.269	0.00	19.023	25.222
133.	18.264	35.208	0.00	18.241	25.373
142.	17.593	35.245	0.00	17.569	25.566
153.	16.468	35.177	0.00	16.443	25.782
179.	13.418	34.971	0.00	13.393	26.291
203.	12.816	34.908	0.00	12.788	26.365
233.	12.601	34.891	0.00	12.570	26.395
263.	12.174	34.863	0.00	12.139	26.457
293.	11.738	34.833	0.00	11.700	26.517
303.	11.608	34.825	0.00	11.569	26.535
303.	11.560	34.825	0.00	11.521	26.544
403.	9.565	34.716	0.00	9.519	26.811
603.	6.822	34.575	0.00	6.765	27.116
803.	5.310	34.546	0.00	5.242	27.287
1004.	4.408	34.558	0.00	4.329	27.400
1004.	4.408	35.114	0.00	4.328	27.842
1004.	4.408	34.558	0.00	4.329	27.400

CAST EP5-92-DI -018 LAT 00 59.4S LONG 139 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	25.655	35.123	0.00	25.652	23.236
23.	25.544	35.126	0.00	25.539	23.273
32.	25.186	35.107	0.00	25.179	23.369
42.	24.985	35.103	0.00	24.976	23.428
62.	24.831	35.184	0.00	24.818	23.537
83.	24.395	35.165	0.00	24.377	23.656
102.	23.244	35.488	0.00	23.223	24.241
122.	20.536	35.602	0.00	20.513	25.086
133.	18.897	35.492	0.00	18.873	25.431
142.	17.573	35.379	0.00	17.549	25.674
152.	17.244	35.341	0.00	17.219	25.725
179.	14.621	35.143	0.00	14.594	26.171
202.	13.014	34.918	0.00	12.986	26.333
232.	12.692	34.895	0.00	12.661	26.380
263.	12.370	34.881	0.00	12.335	26.433
292.	11.889	34.855	0.00	11.851	26.505
333.	11.313	34.821	0.00	11.271	26.587
382.	10.183	34.761	0.00	10.138	26.742
452.	8.801	34.673	0.00	8.752	26.902
603.	6.839	34.570	0.00	6.782	27.110
1006.	4.386	34.553	0.00	4.307	27.398
1006.	4.386	34.552	0.00	4.307	27.397
1004.	4.393	34.552	0.00	4.314	27.397

CAST EP5-92-DI -017 LAT 00 29.7S LONG 139 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	25.494	35.124	0.00	25.491	23.286
23.	25.368	35.108	0.00	25.363	23.314
42.	24.617	35.068	0.00	24.608	23.513
64.	23.956	35.247	0.00	23.943	23.847
81.	23.128	35.460	0.00	23.111	24.252
104.	20.733	35.529	0.00	20.713	24.976
123.	18.113	35.261	0.00	18.092	25.450
133.	17.551	35.218	0.00	17.529	25.556
145.	16.444	35.248	0.00	16.421	25.842
154.	15.244	35.071	0.00	15.220	25.979
203.	13.155	34.960	0.00	13.127	26.337
231.	12.623	34.871	0.00	12.592	26.375
261.	12.179	34.871	0.00	12.145	26.462
293.	11.956	34.849	0.00	11.918	26.488
332.	10.782	34.779	0.00	10.741	26.650
382.	10.051	34.735	0.00	10.006	26.744
454.	8.222	34.632	0.00	8.175	26.959
601.	6.754	34.567	0.00	6.698	27.119
801.	5.213	34.545	0.00	5.146	27.298
1003.	4.512	34.556	0.00	4.432	27.387
1003.	4.512	34.556	0.00	4.432	27.387
1003.	4.511	34.556	0.00	4.431	27.387

CAST EP5-92-DI -019 LAT 02 00.6S LONG 140 00.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	26.207	35.141	0.00	26.206	23.077
12.	26.205	35.142	0.00	26.202	23.079
23.	26.168	35.140	0.00	26.163	23.090
33.	26.088	35.137	0.00	26.081	23.113
43.	26.052	35.138	0.00	26.042	23.126
63.	25.852	35.152	0.00	25.838	23.200
83.	25.585	35.154	0.00	25.567	23.286
100.	24.597	35.084	0.00	24.575	23.535
121.	21.154	35.699	0.00	21.131	24.992
132.	15.622	35.190	0.00	15.601	25.985
143.	14.410	35.065	0.00	14.389	26.155
152.	13.364	34.951	0.00	13.343	26.286
177.	12.967	34.912	0.00	12.943	26.337
201.	12.713	34.899	0.00	12.686	26.378
233.	12.485	34.885	0.00	12.454	26.413
262.	12.264	34.874	0.00	12.229	26.448
292.	11.980	34.857	0.00	11.942	26.490
333.	11.159	34.811	0.00	11.117	26.608
381.	10.108	34.752	0.00	10.063	26.748
453.	8.574	34.660	0.00	8.526	26.927
603.	6.603	34.573	0.00	6.547	27.144
804.	5.160	34.548	0.00	5.093	27.306
1000.	4.183	34.571	0.00	4.106	27.434
1001.	4.183	34.560	0.00	4.106	27.425

CAST EP5-92-DI -020 LAT 02 59.9S LONG 140 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	26.267	35.181	0.00	26.266	23.089
13.	26.262	35.173	0.00	26.259	23.085
23.	26.269	35.174	0.00	26.264	23.084
33.	26.261	35.173	0.00	26.254	23.086
43.	26.165	35.157	0.00	26.155	23.105
62.	25.673	35.098	0.00	25.659	23.215
83.	25.122	35.027	0.00	25.104	23.332
102.	24.753	35.085	0.00	24.731	23.489
122.	24.237	35.231	0.00	24.211	23.755
133.	23.051	35.707	0.00	23.024	24.465
142.	19.100	35.649	0.00	19.075	25.499
153.	16.020	35.288	0.00	15.996	25.971
178.	13.235	34.961	0.00	13.210	26.321
202.	12.667	34.907	0.00	12.640	26.393
233.	12.289	34.881	0.00	12.258	26.448
263.	12.015	34.860	0.00	11.981	26.485
294.	11.706	34.847	0.00	11.668	26.534
333.	11.089	34.813	0.00	11.048	26.622
383.	9.869	35.108	0.00	9.824	27.067
452.	8.399	34.652	0.00	8.351	26.948
602.	6.661	34.572	0.00	6.605	27.136
804.	5.070	34.545	0.00	5.004	27.314
1005.	4.110	34.561	0.00	4.033	27.434
1005.	4.110	34.560	0.00	4.033	27.433

CAST EP5-92-DI -023 LAT 06 00.1S LONG 140 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	26.581	35.231	0.00	26.578	23.028
24.	26.583	35.229	0.00	26.578	23.027
33.	26.572	35.246	0.00	26.564	23.044
43.	26.424	35.282	0.00	26.414	23.118
64.	25.929	35.288	0.00	25.915	23.279
84.	25.556	35.381	0.00	25.538	23.466
103.	24.890	35.737	0.00	24.868	23.940
124.	20.979	35.769	0.00	20.955	25.093
133.	20.003	35.653	0.00	19.978	25.267
141.	19.286	35.590	0.00	19.260	25.406
152.	17.544	35.426	0.00	17.518	25.718
178.	14.334	35.068	0.00	14.308	26.175
202.	12.700	34.926	0.00	12.673	26.401
233.	11.931	34.868	0.00	11.901	26.506
262.	11.358	34.834	0.00	11.325	26.587
293.	10.769	34.797	0.00	10.733	26.666
332.	10.328	34.769	0.00	10.288	26.722
382.	9.831	34.734	0.00	9.787	26.781
453.	8.899	34.679	0.00	8.850	26.891
603.	7.153	34.581	0.00	7.095	27.076
1003.	4.368	34.550	0.00	4.289	27.398
1003.	4.368	34.551	0.00	4.289	27.399
1004.	4.367	34.550	0.00	4.288	27.398

CAST EP5-92-DI -021 LAT 03 59.6S LONG 140 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
7.	25.838	35.065	0.00	25.836	23.135
14.	25.841	35.057	0.00	25.838	23.129
23.	25.823	35.058	0.00	25.818	23.136
34.	25.825	35.061	0.00	25.818	23.138
43.	25.830	35.076	0.00	25.821	23.148
63.	26.199	35.354	0.00	26.185	23.245
82.	26.113	35.373	0.00	26.095	23.287
103.	25.754	35.367	0.00	25.731	23.396
123.	24.381	35.521	0.00	24.355	23.932
133.	23.725	35.716	0.00	23.697	24.275
143.	21.798	35.978	0.00	21.770	25.027
154.	20.246	35.725	0.00	20.217	25.258
179.	16.378	35.342	0.00	16.349	25.931
202.	13.431	35.023	0.00	13.403	26.330
231.	12.233	34.915	0.00	12.202	26.485
264.	11.438	34.839	0.00	11.405	26.577
292.	10.998	34.807	0.00	10.962	26.633
332.	10.007	34.743	0.00	9.968	26.757
383.	9.257	34.701	0.00	9.214	26.850
452.	8.159	34.637	0.00	8.112	26.972
604.	6.756	34.574	0.00	6.699	27.125
804.	5.510	34.538	0.00	5.441	27.257
999.	4.465	34.546	0.00	4.386	27.384
1002.	4.449	34.542	0.00	4.370	27.383

CAST EP5-92-DI -024 LAT 07 00.0S LONG 140 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	26.581	35.257	0.00	26.578	23.048
23.	26.575	35.256	0.00	26.570	23.049
34.	26.553	35.253	0.00	26.545	23.055
45.	26.461	35.245	0.00	26.451	23.079
63.	26.095	35.254	0.00	26.081	23.202
84.	25.743	35.223	0.00	25.724	23.289
102.	24.681	35.258	0.00	24.659	23.641
122.	23.778	36.199	0.00	23.752	24.625
134.	22.692	36.097	0.00	22.665	24.864
142.	21.988	36.048	0.00	21.960	25.027
151.	21.086	35.922	0.00	21.057	25.182
179.	17.712	35.433	0.00	17.682	25.683
202.	15.052	35.132	0.00	15.021	26.070
233.	12.915	34.917	0.00	12.883	26.353
262.	11.872	34.880	0.00	11.838	26.527
293.	10.835	34.803	0.00	10.799	26.659
332.	10.261	34.763	0.00	10.222	26.729
383.	9.632	34.721	0.00	9.588	26.804
452.	8.803	34.668	0.00	8.754	26.898
604.	7.170	34.579	0.00	7.111	27.072
803.	5.534	34.536	0.00	5.465	27.253
1003.	4.466	34.539	0.00	4.386	27.379
1004.	4.443	34.540	0.00	4.364	27.382

CAST EP5-92-DI -024 LAT 07 00.0S LONG 140 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	26.581	35.257	0.00	26.578	23.048
23.	26.575	35.256	0.00	26.570	23.049
34.	26.553	35.253	0.00	26.545	23.055
45.	26.461	35.245	0.00	26.451	23.079
63.	26.095	35.254	0.00	26.081	23.202
84.	25.743	35.223	0.00	25.724	23.289
102.	24.681	35.258	0.00	24.659	23.641
122.	23.778	36.199	0.00	23.752	24.625
134.	22.692	36.097	0.00	22.665	24.864
142.	21.988	36.048	0.00	21.960	25.027
151.	21.086	35.922	0.00	21.057	25.182
179.	17.712	35.433	0.00	17.682	25.683
202.	15.052	35.132	0.00	15.021	26.070
233.	12.915	34.917	0.00	12.883	26.353
262.	11.872	34.880	0.00	11.838	26.527
293.	10.835	34.803	0.00	10.799	26.659
332.	10.261	34.763	0.00	10.222	26.729
383.	9.632	34.721	0.00	9.588	26.804
452.	8.803	34.668	0.00	8.754	26.898
604.	7.170	34.579	0.00	7.111	27.072
803.	5.534	34.536	0.00	5.465	27.253
1003.	4.466	34.539	0.00	4.386	27.379
1004.	4.443	34.540	0.00	4.364	27.382

CAST EP5-92-DI -026 LAT 10 00.1S LONG 135 00.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	27.054	35.468	0.00	27.051	23.056
22.	26.953	35.469	0.00	26.948	23.090
32.	26.865	35.613	0.00	26.858	23.227
63.	26.730	35.843	0.00	26.716	23.446
83.	26.762	36.045	0.00	26.743	23.589
102.	25.209	36.476	0.00	25.187	24.402
122.	23.985	36.473	0.00	23.959	24.771
134.	23.675	36.432	0.00	23.647	24.832
143.	22.848	36.310	0.00	22.819	24.982
152.	22.294	36.220	0.00	22.263	25.072
178.	21.093	36.017	0.00	21.059	25.254
203.	19.743	35.756	0.00	19.706	25.417
232.	17.217	35.361	0.00	17.178	25.750
261.	14.308	35.004	0.00	14.270	26.134
294.	12.135	34.828	0.00	12.096	26.438
328.	10.623	34.711	0.00	10.583	26.625
382.	9.266	34.666	0.00	9.223	26.821
454.	8.038	34.615	0.00	7.991	26.973
604.	6.712	34.556	0.00	6.656	27.116
802.	5.441	34.532	0.00	5.373	27.261
1003.	4.536	34.535	0.00	4.456	27.368
1003.	4.536	34.536	0.00	4.456	27.369
1003.	4.541	34.538	0.00	4.461	27.370

CAST EP5-92-DI -028 LAT 07 57.6S LONG 125 01.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	26.341	35.590	0.00	26.338	23.374
22.	26.389	35.603	0.00	26.384	23.370
32.	26.161	35.533	0.00	26.154	23.389
41.	26.165	35.540	0.00	26.156	23.394
62.	26.206	35.561	0.00	26.192	23.398
84.	25.790	35.968	0.00	25.771	23.837
103.	25.208	36.257	0.00	25.185	24.237
123.	23.128	36.266	0.00	23.103	24.866
132.	22.794	36.307	0.00	22.767	24.994
142.	21.899	36.139	0.00	21.871	25.121
154.	20.278	35.829	0.00	20.249	25.329
177.	18.432	35.492	0.00	18.401	25.550
202.	15.755	35.141	0.00	15.723	25.920
231.	12.807	34.833	0.00	12.776	26.309
263.	11.596	34.811	0.00	11.562	26.525
292.	10.897	34.785	0.00	10.861	26.634
335.	9.950	34.739	0.00	9.911	26.764
381.	9.287	34.700	0.00	9.245	26.844
452.	8.650	34.663	0.00	8.602	26.918
605.	7.000	34.582	0.00	6.942	27.098
1004.	4.485	34.541	0.00	4.405	27.378
1004.	4.485	34.542	0.00	4.405	27.379
1003.	4.485	34.541	0.00	4.405	27.378

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CAST EP5-92-DI -027 LAT 10 00.1S LONG 125 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
23.	26.456	35.499	0.00	26.451	23.270
33.	26.446	35.499	0.00	26.439	23.274
43.	26.442	35.500	0.00	26.432	23.277
62.	26.437	35.501	0.00	26.423	23.281
83.	26.104	36.016	0.00	26.085	23.775
101.	25.972	36.181	0.00	25.949	23.942
123.	23.800	36.473	0.00	23.774	24.826
133.	23.523	36.431	0.00	23.495	24.876
144.	23.240	36.405	0.00	23.210	24.940
154.	22.957	36.357	0.00	22.925	24.986
177.	21.597	36.124	0.00	21.562	25.196
205.	18.919	35.617	0.00	18.882	25.524
234.	17.035	35.311	0.00	16.996	25.755
262.	13.115	34.903	0.00	13.079	26.303
292.	11.798	34.784	0.00	11.760	26.467
334.	10.762	34.764	0.00	10.721	26.642
453.	9.231	34.694	0.00	9.180	26.850
603.	7.514	34.596	0.00	7.454	27.037
803.	5.705	34.533	0.00	5.635	27.229
1007.	4.535	34.536	0.00	4.455	27.369
1007.	4.535	34.535	0.00	4.455	27.368
1008.	4.534	34.535	0.00	4.453	27.368

CAST EP5-92-DI -029 LAT 05 59.8S LONG 125 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	26.083	35.427	0.00	26.082	23.332
13.	26.083	35.427	0.00	26.080	23.332
22.	26.089	35.426	0.00	26.084	23.330
32.	26.092	35.427	0.00	26.085	23.331
43.	26.088	35.428	0.00	26.078	23.334
63.	25.888	35.459	0.00	25.874	23.421
83.	25.851	36.032	0.00	25.833	23.866
104.	22.549	35.981	0.00	22.528	24.815
122.	20.189	35.747	0.00	20.166	25.289
133.	18.988	35.561	0.00	18.964	25.460
143.	17.830	35.411	0.00	17.806	25.636
152.	15.787	35.157	0.00	15.763	25.923
177.	13.252	34.952	0.00	13.227	26.310
203.	12.267	34.888	0.00	12.240	26.456
232.	11.642	34.855	0.00	11.612	26.550
262.	11.343	34.832	0.00	11.310	26.589
293.	10.847	34.802	0.00	10.811	26.656
334.	10.143	34.756	0.00	10.104	26.744
382.	9.221	34.701	0.00	9.179	26.856
453.	8.245	34.644	0.00	8.198	26.965
603.	6.686	34.576	0.00	6.630	27.135
803.	5.300	34.540	0.00	5.232	27.284
1003.	4.394	34.549	0.00	4.315	27.394
1004.	4.391	34.549	0.00	4.312	27.395

CAST EP5-92-DI -030 LAT 05 00.0S LONG 125 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	25.688	35.426	0.00	25.685	23.455
22.	25.673	35.425	0.00	25.668	23.459
33.	25.651	35.424	0.00	25.644	23.466
43.	25.626	35.423	0.00	25.617	23.474
62.	25.079	35.270	0.00	25.065	23.527
82.	24.264	35.697	0.00	24.247	24.097
103.	20.002	35.676	0.00	19.983	25.283
122.	16.835	35.267	0.00	16.815	25.764
133.	14.820	35.062	0.00	14.800	26.064
143.	13.802	34.984	0.00	13.782	26.221
152.	13.318	34.949	0.00	13.297	26.294
178.	12.482	34.900	0.00	12.458	26.423
203.	11.881	34.867	0.00	11.855	26.514
232.	11.549	34.846	0.00	11.519	26.561
262.	11.037	34.813	0.00	11.005	26.630
292.	10.501	34.778	0.00	10.466	26.698
331.	10.014	34.748	0.00	9.975	26.760
382.	9.349	34.707	0.00	9.306	26.839
436.	8.424	34.653	0.00	8.378	26.944
603.	6.627	34.570	0.00	6.571	27.139
804.	5.307	34.545	0.00	5.239	27.287
1004.	4.360	34.550	0.00	4.281	27.399
1004.	4.358	34.550	0.00	4.279	27.399

CAST EP5-92-DI -032 LAT 03 00.0S LONG 125 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	25.379	35.186	0.00	25.376	23.369
22.	25.240	35.185	0.00	25.235	23.411
32.	25.233	35.190	0.00	25.226	23.418
42.	25.328	35.355	0.00	25.319	23.514
61.	19.655	35.488	0.00	19.644	25.229
83.	14.661	35.078	0.00	14.649	26.110
103.	13.833	34.982	0.00	13.818	26.212
122.	13.380	34.944	0.00	13.363	26.277
133.	13.277	34.936	0.00	13.259	26.292
143.	13.149	34.928	0.00	13.129	26.312
152.	13.080	34.925	0.00	13.059	26.324
178.	12.832	34.908	0.00	12.808	26.361
203.	12.650	34.897	0.00	12.623	26.389
234.	12.320	34.880	0.00	12.289	26.441
262.	12.013	34.864	0.00	11.979	26.488
293.	11.602	34.841	0.00	11.565	26.548
333.	10.527	34.779	0.00	10.487	26.695
382.	9.577	34.721	0.00	9.534	26.813
452.	8.352	34.650	0.00	8.305	26.953
602.	6.739	34.575	0.00	6.683	27.128
802.	5.280	34.548	0.00	5.213	27.292
1003.	4.463	34.553	0.00	4.383	27.390
1003.	4.463	34.555	0.00	4.383	27.392
1003.	4.465	34.551	0.00	4.385	27.388

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CAST EP5-92-DI -031 LAT 04 00.1S LONG 125 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	25.702	35.523	0.00	25.701	23.523
13.	25.631	35.514	0.00	25.628	23.539
22.	25.620	35.513	0.00	25.615	23.542
32.	25.619	35.513	0.00	25.612	23.543
42.	25.622	35.514	0.00	25.613	23.544
63.	25.650	35.549	0.00	25.636	23.563
82.	20.146	35.630	0.00	20.131	25.209
103.	16.365	35.270	0.00	16.348	25.876
123.	13.914	35.039	0.00	13.896	26.240
132.	13.228	34.948	0.00	13.210	26.311
143.	13.028	34.924	0.00	13.008	26.333
153.	12.896	34.910	0.00	12.875	26.349
178.	12.694	34.898	0.00	12.670	26.380
204.	12.486	34.887	0.00	12.459	26.413
232.	12.259	34.877	0.00	12.228	26.450
263.	11.793	34.849	0.00	11.759	26.518
292.	11.317	34.822	0.00	11.280	26.586
331.	10.601	34.784	0.00	10.561	26.686
383.	9.523	34.716	0.00	9.480	26.818
453.	8.213	34.642	0.00	8.166	26.968
602.	6.628	34.570	0.00	6.572	27.138
804.	5.224	34.543	0.00	5.157	27.295
1004.	4.385	34.549	0.00	4.306	27.395
1004.	4.385	34.548	0.00	4.306	27.394

CAST EP5-92-DI -033 LAT 02 00.0S LONG 125 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
22.	24.844	35.107	0.00	24.839	23.473
33.	24.771	35.101	0.00	24.764	23.491
42.	24.704	35.092	0.00	24.695	23.505
62.	23.920	35.383	0.00	23.907	23.961
83.	19.223	35.413	0.00	19.208	25.285
123.	13.945	34.984	0.00	13.927	26.191
133.	13.791	34.970	0.00	13.772	26.212
141.	13.499	34.951	0.00	13.479	26.258
152.	13.280	34.936	0.00	13.259	26.292
178.	13.000	34.916	0.00	12.976	26.333
202.	12.756	34.902	0.00	12.729	26.372
233.	12.526	34.892	0.00	12.495	26.410
262.	12.271	34.870	0.00	12.236	26.443
292.	12.096	34.867	0.00	12.058	26.475
331.	11.500	34.835	0.00	11.458	26.564
452.	8.858	34.679	0.00	8.809	26.898
604.	6.488	34.565	0.00	6.433	27.153
803.	5.214	34.544	0.00	5.147	27.297
1004.	4.397	34.556	0.00	4.318	27.399
1004.	4.397	34.555	0.00	4.318	27.399

CAST EP5-92-DI -035 LAT 00 59.9S LONG 124 59.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	23.864	34.960	0.00	23.861	23.654
23.	23.776	34.964	0.00	23.771	23.683
33.	23.619	34.978	0.00	23.612	23.741
43.	23.737	35.174	0.00	23.728	23.855
62.	20.910	35.569	0.00	20.898	24.956
84.	17.624	35.372	0.00	17.610	25.654
103.	15.682	35.185	0.00	15.666	25.967
123.	14.474	35.083	0.00	14.456	26.155
134.	13.934	35.043	0.00	13.915	26.239
143.	13.332	34.981	0.00	13.312	26.316
154.	12.611	34.898	0.00	12.590	26.396
179.	12.568	34.892	0.00	12.544	26.400
201.	12.547	34.890	0.00	12.520	26.404
233.	12.456	34.881	0.00	12.425	26.415
263.	12.297	34.870	0.00	12.262	26.438
293.	11.807	34.835	0.00	11.769	26.505
333.	11.262	34.808	0.00	11.220	26.586
383.	10.039	34.737	0.00	9.994	26.748
604.	6.614	34.565	0.00	6.558	27.136
803.	5.540	34.549	0.00	5.471	27.262
1004.	4.429	34.556	0.00	4.350	27.396
1004.	4.429	34.557	0.00	4.350	27.397
1004.	4.429	34.556	0.00	4.350	27.396

CAST EP5-92-DI -037 LAT 00 14.9S LONG 124 59.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
21.	23.420	34.923	0.00	23.416	23.756
33.	23.180	34.949	0.00	23.173	23.846
43.	22.928	34.990	0.00	22.919	23.951
62.	22.094	35.153	0.00	22.082	24.313
85.	18.949	35.273	0.00	18.934	25.248
83.	19.265	35.281	0.00	19.250	25.173
102.	17.394	35.156	0.00	17.377	25.545
120.	16.372	35.208	0.00	16.353	25.827
131.	14.292	35.000	0.00	14.273	26.130
141.	13.717	34.962	0.00	13.697	26.222
153.	13.526	34.933	0.00	13.504	26.239
176.	13.352	34.921	0.00	13.327	26.266
204.	13.047	34.916	0.00	13.019	26.325
232.	12.775	34.898	0.00	12.744	26.366
262.	12.482	34.874	0.00	12.447	26.405
294.	11.627	34.813	0.00	11.589	26.522
331.	11.458	34.809	0.00	11.416	26.551
383.	10.034	34.727	0.00	9.989	26.741
451.	8.771	34.659	0.00	8.722	26.896
602.	6.947	34.574	0.00	6.890	27.099
804.	5.551	34.546	0.00	5.482	27.258
1004.	4.617	34.550	0.00	4.536	27.371
1004.	4.617	34.550	0.00	4.536	27.371
1004.	4.618	34.551	0.00	4.537	27.372

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CAST EP5-92-DI -036 LAT 00 29.9S LONG 124 59.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	23.678	34.952	0.00	23.675	23.702
22.	23.523	34.978	0.00	23.518	23.768
33.	23.260	35.013	0.00	23.253	23.872
43.	22.992	35.056	0.00	22.983	23.982
64.	21.676	35.255	0.00	21.664	24.507
83.	17.943	35.239	0.00	17.929	25.474
103.	17.311	35.287	0.00	17.294	25.665
123.	14.222	35.004	0.00	14.204	26.148
134.	13.740	35.011	0.00	13.721	26.255
143.	13.482	34.964	0.00	13.462	26.272
153.	13.391	34.966	0.00	13.370	26.292
179.	12.930	34.930	0.00	12.906	26.358
202.	12.749	34.905	0.00	12.722	26.375
232.	12.601	34.888	0.00	12.570	26.392
263.	12.042	34.848	0.00	12.008	26.470
293.	11.626	34.824	0.00	11.589	26.531
332.	10.713	34.991	0.00	10.673	26.828
383.	10.013	34.724	0.00	9.968	26.742
452.	8.827	34.663	0.00	8.778	26.890
602.	6.851	34.573	0.00	6.794	27.111
803.	5.612	34.549	0.00	5.542	27.253
1004.	4.512	34.556	0.00	4.432	27.387
1005.	4.512	34.557	0.00	4.432	27.388
1004.	4.516	34.556	0.00	4.436	27.387

CAST EP5-92-DI -038 LAT 00 01.4N LONG 124 52.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	23.326	34.883	0.00	23.325	23.752
14.	23.303	34.879	0.00	23.300	23.757
23.	23.185	34.932	0.00	23.180	23.832
43.	22.556	35.065	0.00	22.547	24.114
53.	22.198	35.102	0.00	22.187	24.244
62.	21.568	35.215	0.00	21.556	24.506
82.	18.594	35.068	0.00	18.580	25.181
92.	17.410	35.127	0.00	17.395	25.518
103.	16.533	35.132	0.00	16.516	25.731
113.	16.248	35.075	0.00	16.230	25.753
122.	15.511	34.926	0.00	15.492	25.807
133.	14.573	34.923	0.00	14.553	26.011
142.	14.354	34.910	0.00	14.333	26.048
152.	13.692	34.893	0.00	13.670	26.174
168.	13.481	34.889	0.00	13.457	26.215
183.	13.258	34.895	0.00	13.233	26.265
201.	12.964	34.892	0.00	12.936	26.323
253.	12.703	34.818	0.00	12.669	26.318
303.	11.779	34.717	0.00	11.740	26.419
399.	9.894	34.573	0.00	9.848	26.645
601.	6.837	34.548	0.00	6.780	27.093
801.	5.600	34.552	0.00	5.531	27.257
1007.	4.604	34.554	0.00	4.523	27.376
1006.	4.604	34.552	0.00	4.523	27.374

CAST EP5-92-DI -040 LAT 00 15.3N LONG 124 59.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
7.	23.012	34.815	0.00	23.011	23.792
13.	22.798	34.823	0.00	22.795	23.860
23.	22.270	34.851	0.00	22.265	24.032
43.	21.268	34.983	0.00	21.260	24.411
53.	19.990	34.946	0.00	19.980	24.727
64.	18.070	34.885	0.00	18.059	25.170
83.	18.352	35.241	0.00	18.337	25.374
91.	17.307	35.077	0.00	17.292	25.505
104.	16.069	34.973	0.00	16.053	25.716
113.	15.743	35.037	0.00	15.725	25.839
122.	15.697	35.061	0.00	15.678	25.869
133.	14.956	34.981	0.00	14.936	25.972
143.	14.255	34.874	0.00	14.234	26.041
153.	13.685	34.847	0.00	13.663	26.140
168.	13.361	34.886	0.00	13.338	26.237
182.	12.887	34.893	0.00	12.862	26.338
203.	12.797	34.896	0.00	12.769	26.359
253.	12.011	34.836	0.00	11.978	26.466
300.	11.243	34.802	0.00	11.205	26.584
403.	9.313	34.686	0.00	9.268	26.829
605.	6.884	34.579	0.00	6.827	27.111
805.	5.561	34.550	0.00	5.492	27.260
1001.	4.693	34.555	0.00	4.612	27.367
999.	4.691	34.554	0.00	4.610	27.366

CAST EP5-92-DI -042 LAT 01 01.5N LONG 124 59.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
12.	23.695	34.681	0.00	23.692	23.492
22.	23.695	34.680	0.00	23.690	23.492
44.	23.388	34.694	0.00	23.379	23.594
52.	22.698	34.745	0.00	22.687	23.831
63.	21.710	34.783	0.00	21.698	24.139
83.	17.590	34.810	0.00	17.576	25.231
94.	15.909	34.831	0.00	15.894	25.643
104.	15.684	34.841	0.00	15.668	25.702
113.	15.336	34.891	0.00	15.319	25.818
122.	14.512	34.939	0.00	14.494	26.036
133.	14.211	34.944	0.00	14.192	26.104
142.	13.955	34.939	0.00	13.935	26.154
154.	13.722	34.934	0.00	13.700	26.199
168.	13.446	34.924	0.00	13.422	26.249
183.	13.169	34.910	0.00	13.144	26.295
203.	12.916	34.896	0.00	12.888	26.335
253.	12.389	34.859	0.00	12.355	26.412
303.	11.371	34.788	0.00	11.333	26.550
402.	9.330	34.678	0.00	9.285	26.820
602.	6.875	34.575	0.00	6.818	27.109
803.	5.676	34.551	0.00	5.606	27.247
1004.	4.530	34.557	0.00	4.450	27.386
1004.	4.530	34.558	0.00	4.450	27.387
1005.	4.537	34.558	0.00	4.457	27.386

CAST EP5-92-DI -041 LAT 00 30.8N LONG 125 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	23.073	34.778	0.00	23.070	23.747
22.	22.620	34.788	0.00	22.616	23.884
43.	21.089	34.868	0.00	21.081	24.373
53.	18.671	34.834	0.00	18.662	24.981
63.	17.533	34.861	0.00	17.522	25.283
82.	16.904	35.003	0.00	16.891	25.543
95.	15.700	34.868	0.00	15.685	25.718
107.	14.638	34.853	0.00	14.622	25.942
124.	14.374	34.847	0.00	14.356	25.994
130.	14.206	34.861	0.00	14.187	26.041
141.	13.706	34.889	0.00	13.686	26.168
151.	13.413	34.900	0.00	13.392	26.237
169.	13.177	34.911	0.00	13.154	26.294
183.	12.934	34.901	0.00	12.909	26.335
200.	12.742	34.887	0.00	12.715	26.363
251.	11.965	34.832	0.00	11.932	26.472
300.	11.202	34.778	0.00	11.165	26.573
400.	9.007	34.671	0.00	8.963	26.867
603.	6.701	34.571	0.00	6.645	27.130
806.	5.414	34.550	0.00	5.345	27.278
1001.	4.554	34.558	0.00	4.474	27.384
1001.	4.554	34.558	0.00	4.474	27.384

CAST EP5-92-DI -043 LAT 01 59.9N LONG 125 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
22.	24.538	34.539	0.00	24.533	23.135
43.	24.386	34.583	0.00	24.377	23.215
53.	24.285	34.608	0.00	24.274	23.265
61.	23.845	34.648	0.00	23.832	23.426
83.	18.011	34.870	0.00	17.997	25.174
92.	17.038	34.876	0.00	17.023	25.415
102.	16.566	34.879	0.00	16.549	25.528
112.	15.070	34.905	0.00	15.053	25.888
122.	14.181	34.948	0.00	14.163	26.113
131.	13.966	34.947	0.00	13.947	26.158
143.	13.779	34.942	0.00	13.759	26.193
153.	13.741	34.939	0.00	13.719	26.199
169.	13.427	34.920	0.00	13.403	26.250
183.	13.304	34.916	0.00	13.278	26.272
201.	13.106	34.904	0.00	13.078	26.303
253.	12.366	34.854	0.00	12.332	26.412
303.	11.430	34.793	0.00	11.392	26.543
402.	9.755	34.699	0.00	9.709	26.767
602.	6.873	34.570	0.00	6.816	27.106
1002.	4.602	34.555	0.00	4.521	27.377
1002.	4.602	34.555	0.00	4.521	27.377
1002.	4.602	34.555	0.00	4.521	27.377

CAST EP5-92-DI -044 LAT 02 59.9N LONG 125 00.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	25.780	34.361	0.00	25.777	22.622
22.	25.683	34.367	0.00	25.678	22.657
43.	25.517	34.434	0.00	25.508	22.760
52.	25.272	34.455	0.00	25.261	22.852
63.	25.116	34.481	0.00	25.102	22.920
83.	23.183	34.757	0.00	23.166	23.703
93.	21.749	34.825	0.00	21.731	24.161
102.	18.131	34.805	0.00	18.113	25.096
112.	16.296	34.764	0.00	16.278	25.503
124.	14.174	34.803	0.00	14.156	26.003
133.	13.753	34.890	0.00	13.734	26.158
142.	13.372	34.887	0.00	13.352	26.235
153.	13.154	34.907	0.00	13.133	26.295
169.	12.906	34.893	0.00	12.883	26.334
183.	12.717	34.881	0.00	12.692	26.363
202.	12.451	34.862	0.00	12.424	26.401
253.	11.718	34.813	0.00	11.685	26.504
303.	10.850	34.756	0.00	10.813	26.620
402.	9.387	34.671	0.00	9.342	26.805
597.	6.743	34.572	0.00	6.687	27.125
803.	5.371	34.552	0.00	5.303	27.285
1004.	4.513	34.561	0.00	4.433	27.391
1004.	4.513	34.562	0.00	4.433	27.392
1004.	4.514	34.560	0.00	4.434	27.390

CAST EP5-92-DI -046 LAT 05 03.1N LONG 125 00.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
22.	26.509	34.371	0.00	26.504	22.403
41.	26.427	34.369	0.00	26.418	22.429
53.	26.416	34.369	0.00	26.404	22.433
62.	26.401	34.366	0.00	26.387	22.436
83.	25.204	34.525	0.00	25.186	22.928
91.	23.757	34.807	0.00	23.738	23.574
102.	22.140	34.802	0.00	22.120	24.035
112.	20.376	34.785	0.00	20.355	24.505
121.	16.122	34.714	0.00	16.103	25.505
132.	14.308	34.776	0.00	14.289	25.954
143.	13.289	34.807	0.00	13.269	26.190
151.	12.774	34.801	0.00	12.754	26.288
167.	12.421	34.794	0.00	12.399	26.353
182.	11.855	34.781	0.00	11.832	26.452
203.	11.432	34.758	0.00	11.406	26.513
252.	10.166	34.696	0.00	10.136	26.692
305.	9.896	34.694	0.00	9.861	26.737
402.	9.179	34.660	0.00	9.134	26.831
601.	7.399	34.590	0.00	7.340	27.048
1003.	4.336	34.566	0.00	4.257	27.414
1003.	4.338	34.564	0.00	4.259	27.412

CAST EP5-92-DI -045 LAT 04 00.1N LONG 125 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	25.964	34.406	0.00	25.961	22.599
22.	25.973	34.411	0.00	25.968	22.601
42.	25.972	34.436	0.00	25.963	22.621
51.	25.930	34.438	0.00	25.919	22.637
61.	25.831	34.419	0.00	25.818	22.654
82.	23.994	34.688	0.00	23.977	23.414
93.	22.078	34.815	0.00	22.060	24.062
101.	21.059	34.824	0.00	21.040	24.350
112.	19.857	34.819	0.00	19.837	24.668
123.	15.202	34.670	0.00	15.183	25.678
133.	14.032	34.644	0.00	14.013	25.910
142.	13.042	34.641	0.00	13.023	26.111
152.	12.411	34.648	0.00	12.391	26.241
168.	11.528	34.667	0.00	11.507	26.424
182.	11.141	34.673	0.00	11.118	26.500
203.	10.754	34.677	0.00	10.729	26.573
253.	10.456	34.722	0.00	10.426	26.662
303.	9.879	34.684	0.00	9.844	26.732
403.	8.873	34.644	0.00	8.829	26.867
602.	6.570	34.563	0.00	6.514	27.141
804.	5.278	34.548	0.00	5.210	27.292
1004.	4.420	34.560	0.00	4.341	27.400
1004.	4.420	34.559	0.00	4.341	27.399
1004.	4.420	34.559	0.00	4.341	27.399

CAST EP5-92-DI -047 LAT 06 00.1N LONG 124 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	27.116	34.229	0.00	27.113	22.103
23.	27.120	34.227	0.00	27.115	22.101
43.	27.113	34.230	0.00	27.103	22.107
54.	26.699	34.327	0.00	26.687	22.312
63.	26.354	34.407	0.00	26.340	22.482
84.	24.066	34.620	0.00	24.048	23.341
91.	23.196	34.708	0.00	23.177	23.663
102.	22.498	34.752	0.00	22.478	23.896
111.	19.377	34.734	0.00	19.357	24.728
123.	17.834	34.710	0.00	17.813	25.097
133.	15.396	34.699	0.00	15.376	25.658
143.	14.301	34.785	0.00	14.280	25.962
153.	13.387	34.809	0.00	13.366	26.172
168.	12.564	34.794	0.00	12.541	26.325
182.	12.307	34.787	0.00	12.283	26.370
202.	11.885	34.773	0.00	11.859	26.440
252.	11.182	34.751	0.00	11.151	26.555
303.	10.421	34.712	0.00	10.385	26.661
405.	9.349	34.662	0.00	9.304	26.805
600.	6.979	34.574	0.00	6.922	27.094
802.	5.385	34.553	0.00	5.317	27.284
1002.	4.393	34.562	0.00	4.314	27.405
1002.	4.393	34.562	0.00	4.314	27.405
1002.	4.395	34.562	0.00	4.316	27.404

CAST EP5-92-DI -049 LAT 08 03.4N LONG 124 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
12.	27.829	33.998	0.00	27.826	21.700
23.	27.836	33.995	0.00	27.831	21.696
43.	27.839	33.997	0.00	27.829	21.698
53.	27.667	34.019	0.00	27.655	21.771
61.	26.396	34.230	0.00	26.382	22.335
82.	18.746	34.588	0.00	18.732	24.775
93.	15.505	34.609	0.00	15.491	25.563
101.	14.546	34.634	0.00	14.531	25.792
112.	13.753	34.681	0.00	13.737	25.996
123.	12.916	34.725	0.00	12.899	26.201
132.	12.687	34.740	0.00	12.669	26.258
142.	12.579	34.798	0.00	12.560	26.324
151.	12.306	34.792	0.00	12.286	26.373
167.	11.925	34.778	0.00	11.903	26.436
181.	11.592	34.761	0.00	11.569	26.485
201.	11.397	34.756	0.00	11.372	26.518
253.	10.745	34.721	0.00	10.714	26.610
301.	10.273	34.704	0.00	10.237	26.680
403.	9.337	34.664	0.00	9.292	26.808
603.	7.164	34.582	0.00	7.105	27.075
1004.	4.692	34.559	0.00	4.611	27.370
1004.	4.690	34.558	0.00	4.609	27.369

CAST EP5-92-DI -051 LAT 09 59.3N LONG 124 59.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
23.	27.683	33.619	0.00	27.678	21.463
41.	23.228	34.309	0.00	23.220	23.348
54.	19.689	34.399	0.00	19.679	24.388
62.	16.824	34.647	0.00	16.814	25.288
85.	13.872	34.766	0.00	13.860	26.036
91.	13.429	34.788	0.00	13.416	26.145
102.	13.006	34.788	0.00	12.992	26.231
112.	12.791	34.797	0.00	12.776	26.281
123.	12.573	34.796	0.00	12.557	26.323
133.	12.397	34.790	0.00	12.379	26.353
143.	12.199	34.785	0.00	12.180	26.388
153.	12.071	34.775	0.00	12.051	26.405
166.	11.923	34.779	0.00	11.902	26.437
182.	11.710	34.768	0.00	11.687	26.469
200.	11.448	34.753	0.00	11.423	26.506
252.	10.893	34.731	0.00	10.862	26.591
302.	10.407	34.715	0.00	10.371	26.666
606.	6.929	34.548	0.00	6.871	27.081
806.	5.357	34.537	0.00	5.289	27.274
999.	4.524	34.555	0.00	4.444	27.385
999.	4.524	34.555	0.00	4.444	27.385
1001.	4.521	34.556	0.00	4.441	27.386

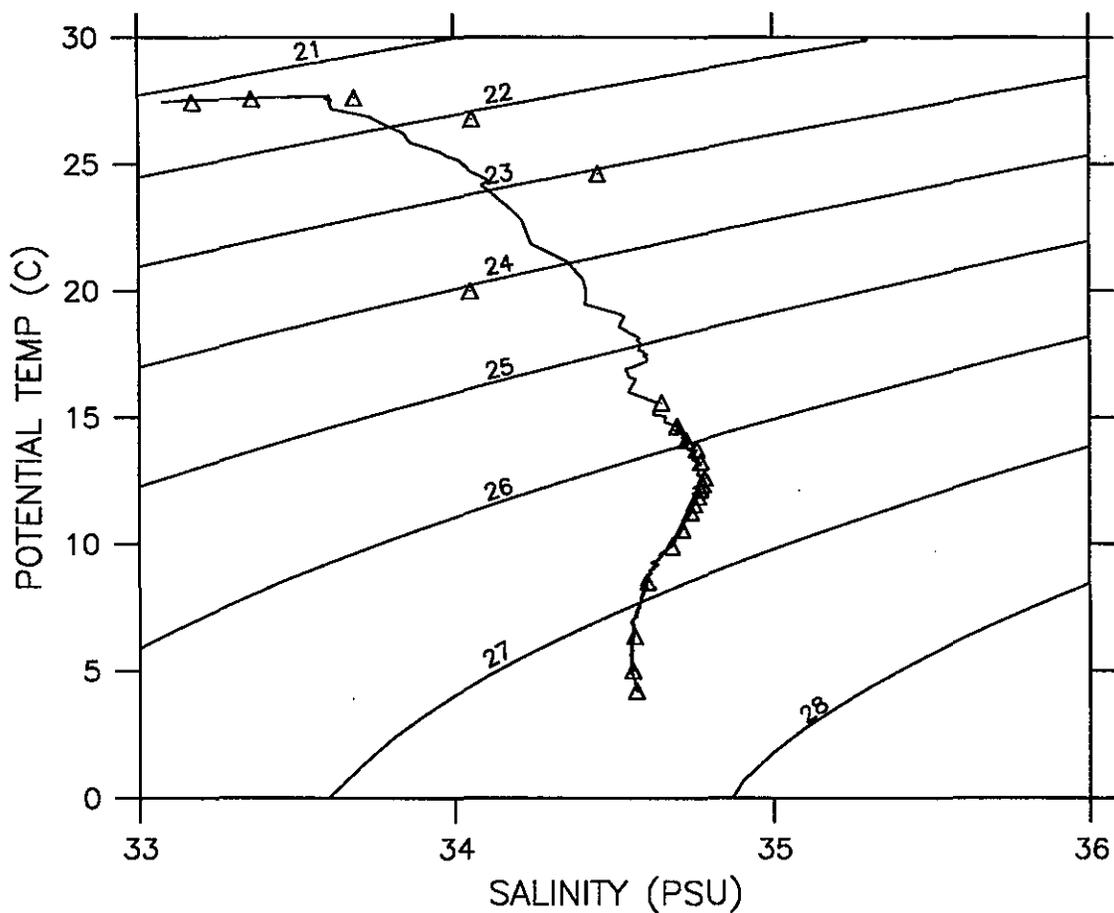
CAST EP5-92-DI -050 LAT 08 59.8N LONG 124 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	27.463	33.747	0.00	27.460	21.629
22.	27.506	33.764	0.00	27.501	21.629
42.	27.700	33.963	0.00	27.690	21.718
54.	25.516	34.049	0.00	25.504	22.471
63.	21.400	34.379	0.00	21.388	23.917
83.	15.812	34.636	0.00	15.799	25.514
93.	14.133	34.621	0.00	14.120	25.870
102.	13.407	34.668	0.00	13.393	26.057
113.	12.884	34.733	0.00	12.869	26.213
122.	12.626	34.757	0.00	12.610	26.283
131.	12.402	34.766	0.00	12.385	26.334
143.	12.037	34.761	0.00	12.018	26.401
154.	11.890	34.763	0.00	11.870	26.430
167.	11.688	34.750	0.00	11.667	26.459
183.	11.499	34.747	0.00	11.476	26.492
201.	11.077	34.719	0.00	11.052	26.548
253.	10.624	34.715	0.00	10.594	26.627
302.	10.255	34.702	0.00	10.219	26.682
404.	9.328	34.656	0.00	9.283	26.803
603.	6.984	34.553	0.00	6.926	27.077
803.	5.454	34.685	0.00	5.385	27.380
1002.	4.500	34.561	0.00	4.420	27.392
1005.	4.500	34.552	0.00	4.420	27.385
1003.	4.501	34.560	0.00	4.421	27.392

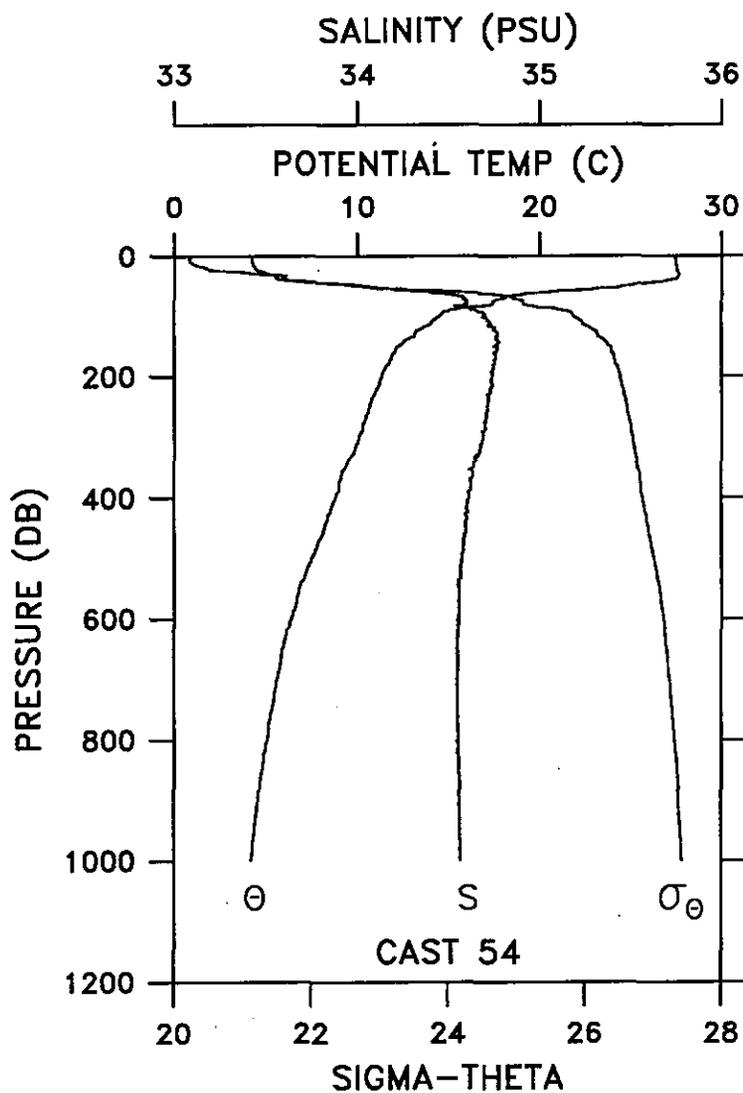


EP6-92-DI
October 12–November 18, 1992
CTD and Hydrographic Data Summary

CAST EP6-92-DI -054 DATE 17 OCT 92 TIME 0430 GMT
LAT 10 01.1N LONG 109 56.9W

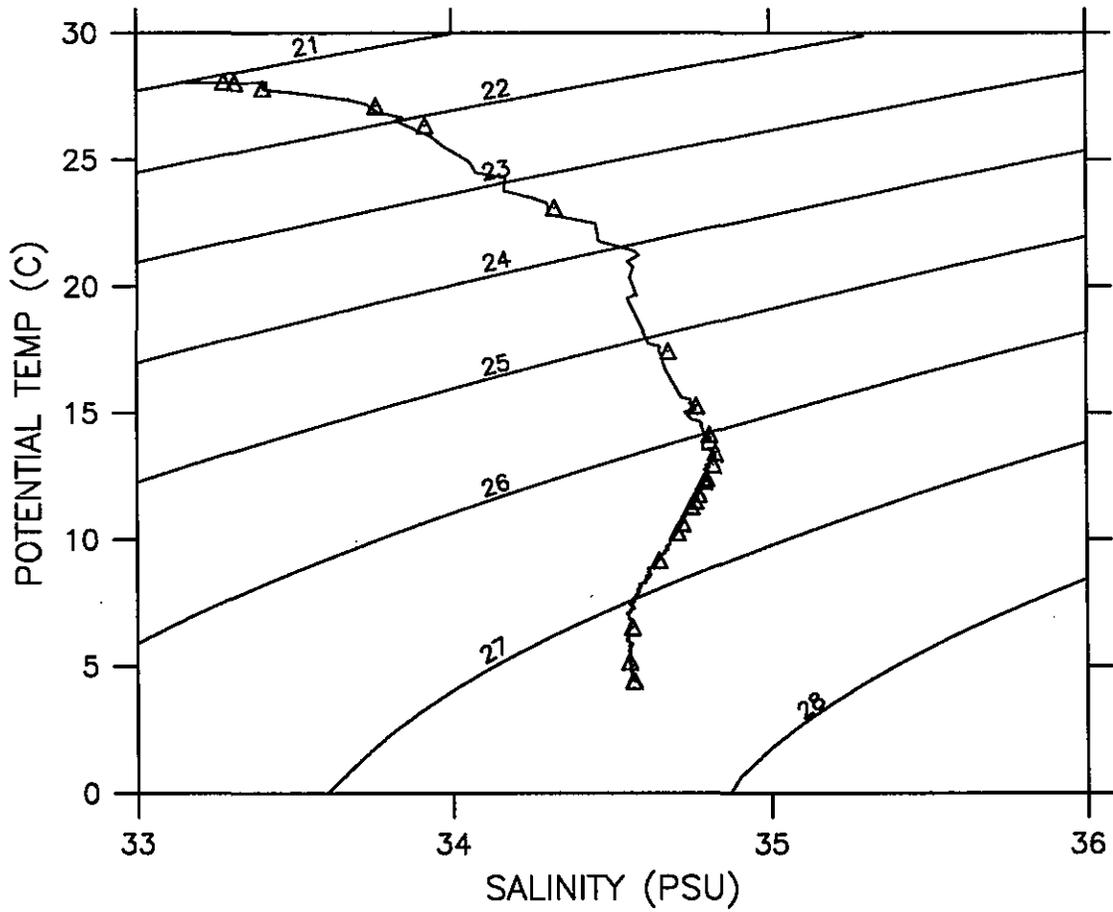


CAST EP6-92-DI-054 DATE 17 OCT 92 TIME 0430 GMT
 LAT 10 01.1N LONG 109 56.9W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 090 T SPD 05 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.0 WET 24.5 DEPTH M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.459	33.084	21.131	0.000
10	27.472	33.090	21.132	0.066
20	27.528	33.167	21.171	0.133
30	27.641	33.441	21.341	0.198
40	27.164	33.612	21.623	0.262
50	24.691	34.049	22.717	0.318
60	20.454	34.402	24.187	0.363
70	18.030	34.573	24.939	0.396
80	17.428	34.590	25.099	0.425
90	15.106	34.623	25.658	0.451
100	14.521	34.704	25.848	0.473
110	14.082	34.729	25.961	0.495
120	13.570	34.749	26.083	0.515
130	13.156	34.772	26.185	0.534
140	12.631	34.773	26.291	0.552
150	12.214	34.749	26.354	0.569
160	12.051	34.755	26.390	0.586
170	11.864	34.756	26.426	0.603
180	11.710	34.744	26.446	0.619
190	11.455	34.742	26.492	0.635
200	11.330	34.742	26.515	0.650
250	10.656	34.712	26.613	0.726
300	10.088	34.689	26.694	0.798
350	9.360	34.640	26.778	0.867
400	8.834	34.615	26.843	0.932
450	8.199	34.596	26.927	0.994
500	7.525	34.575	27.010	1.053
550	6.820	34.559	27.097	1.107
600	6.399	34.556	27.151	1.158
650	5.937	34.553	27.208	1.207
700	5.619	34.552	27.247	1.253
750	5.336	34.551	27.280	1.298
800	5.078	34.555	27.314	1.341
900	4.593	34.561	27.374	1.423
1000	4.206	34.570	27.423	1.500
1004	4.192	34.578	27.431	1.503

CAST EP6-92-DI -055 DATE 31 OCT 92 TIME 1200 GMT
LAT 08 00.0N LONG 110 00.1W

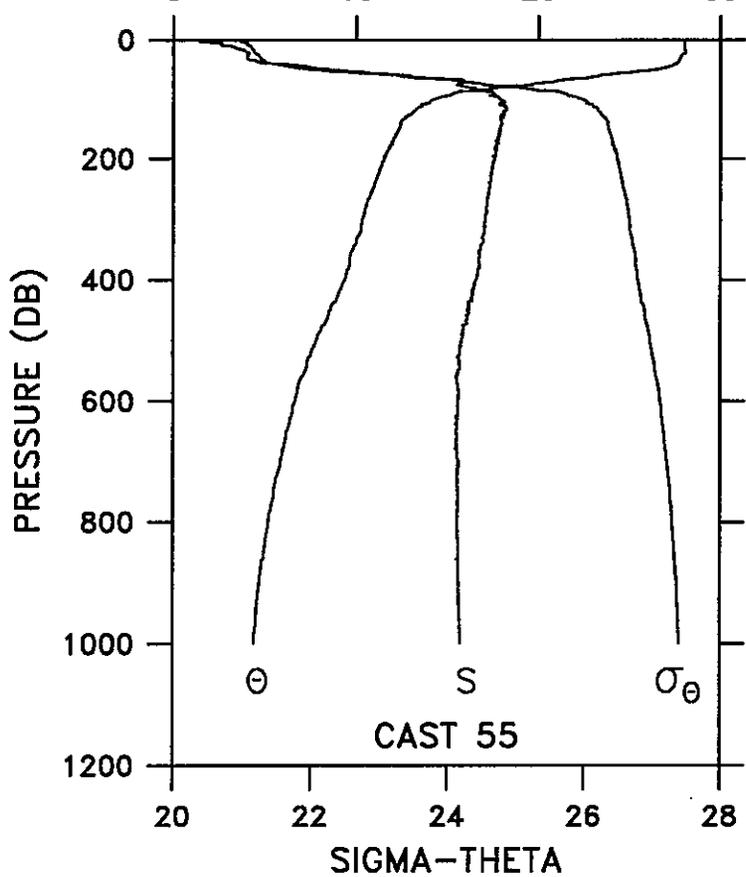


SALINITY (PSU)

33 34 35 36

POTENTIAL TEMP (C)

0 10 20 30

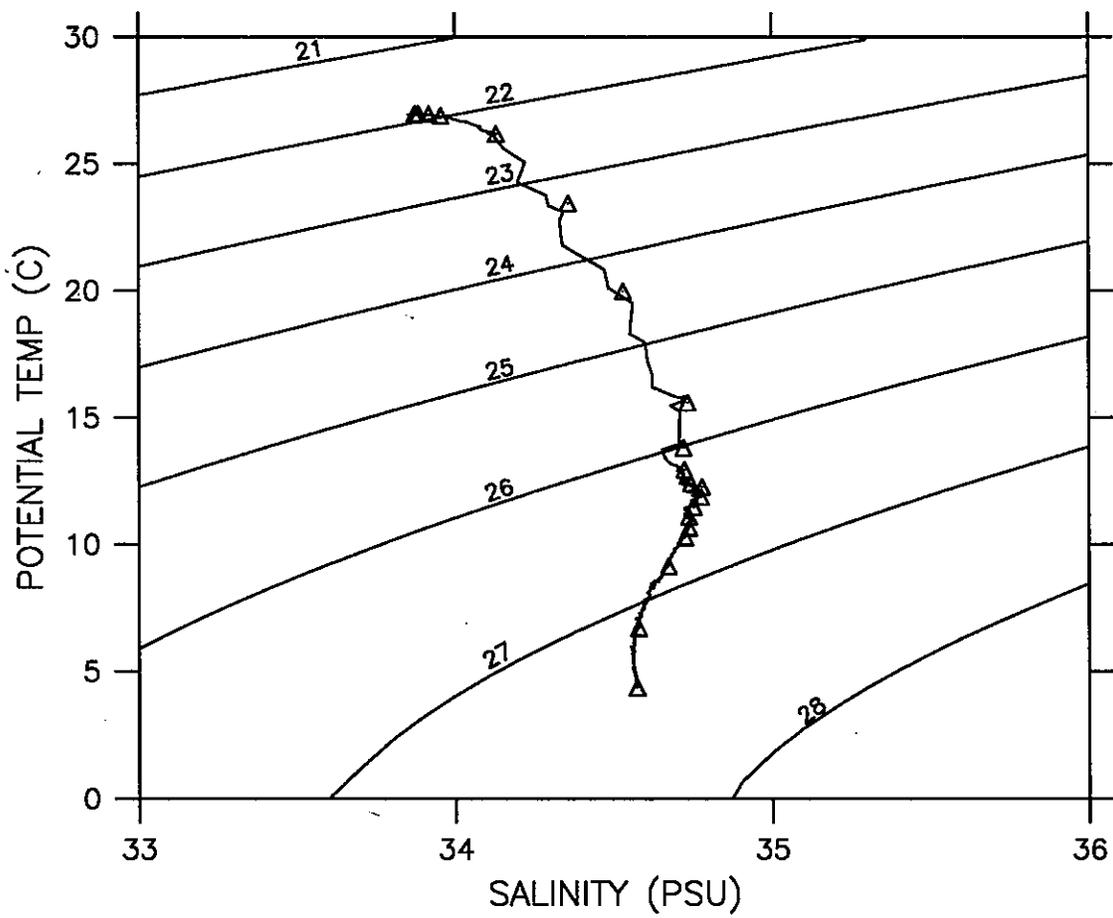


CAST EP6-92-DI -055 DATE 31 OCT 92 TIME 1200 GMT
 LAT 08 00.0N LONG 110 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 09 WIND DIR 155 T SPD 08 KT VISIBILITY 7
 CLOUD AMOUNT DRY 26.8 WET 25.0 DEPTH M

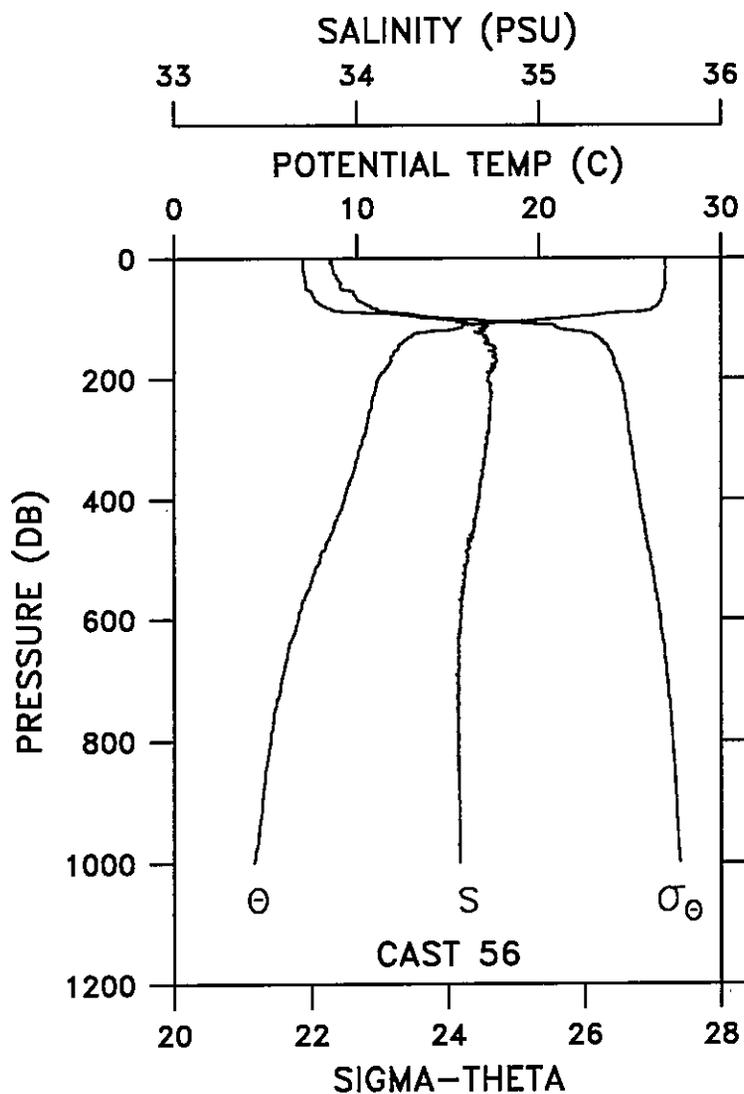
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.056	33.144	20.984	0.000
10	28.028	33.313	21.119	0.067
20	28.057	33.397	21.173	0.134
30	27.791	33.404	21.265	0.199
40	27.537	33.564	21.467	0.264
50	26.547	33.823	21.977	0.325
60	23.375	34.277	23.278	0.377
70	20.875	34.560	24.194	0.419
80	17.747	34.618	25.042	0.453
90	15.365	34.746	25.696	0.479
100	14.269	34.787	25.966	0.501
110	13.572	34.802	26.124	0.521
120	13.157	34.803	26.209	0.539
130	12.694	34.798	26.298	0.557
140	12.431	34.797	26.349	0.574
150	12.331	34.786	26.360	0.591
160	12.163	34.784	26.391	0.608
170	12.011	34.766	26.406	0.625
180	11.816	34.760	26.438	0.641
190	11.690	34.763	26.464	0.657
200	11.525	34.760	26.493	0.673
250	10.904	34.729	26.582	0.750
300	10.334	34.707	26.666	0.824
350	9.792	34.680	26.738	0.895
400	9.381	34.658	26.789	0.962
450	8.560	34.608	26.881	1.027
500	7.815	34.577	26.970	1.087
550	7.184	34.557	27.045	1.144
600	6.664	34.558	27.117	1.197
650	6.192	34.548	27.171	1.247
700	5.873	34.560	27.222	1.295
750	5.484	34.558	27.268	1.341
800	5.218	34.555	27.297	1.385
900	4.712	34.562	27.361	1.469
1000	4.429	34.574	27.402	1.548
1005	4.419	34.574	27.403	1.552

539

CAST EP6-92-DI -056 DATE 01 NOV 92 TIME 0401 GMT
LAT 05 59.8N LONG 109 59.8W



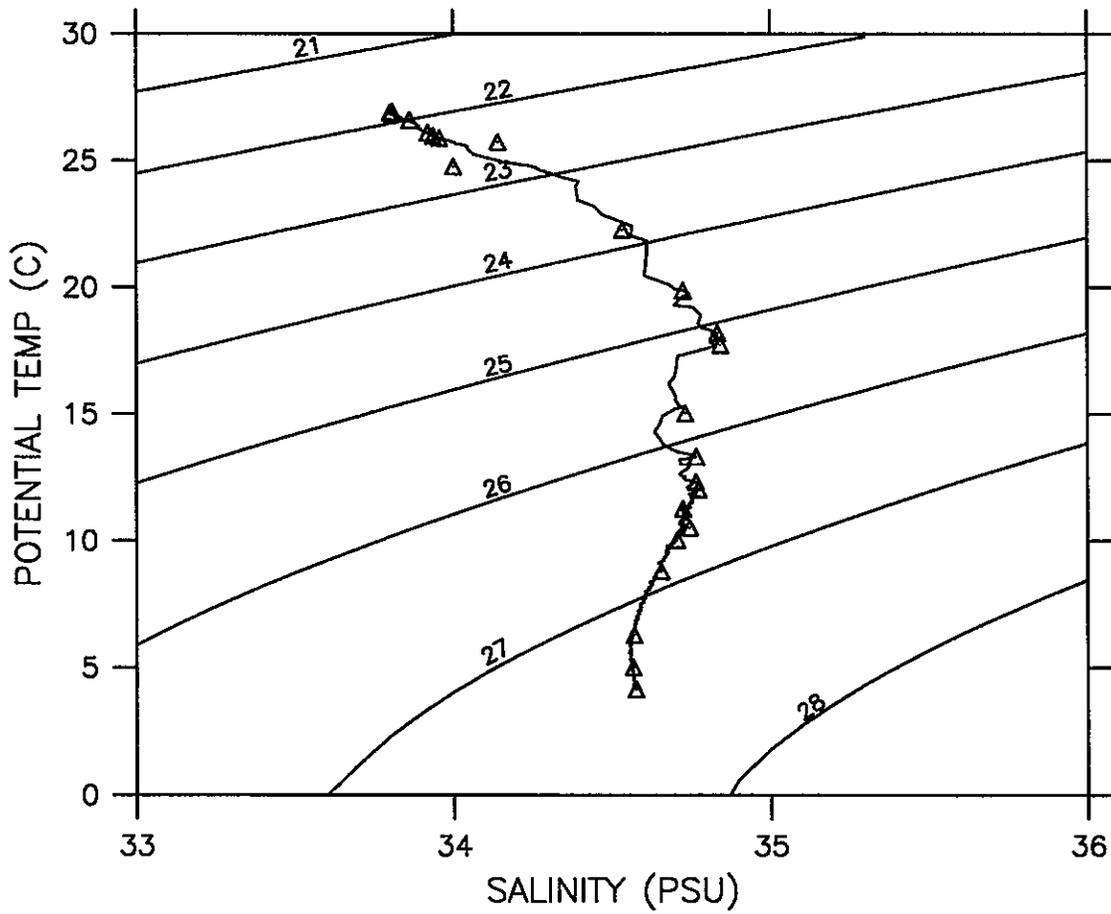
541



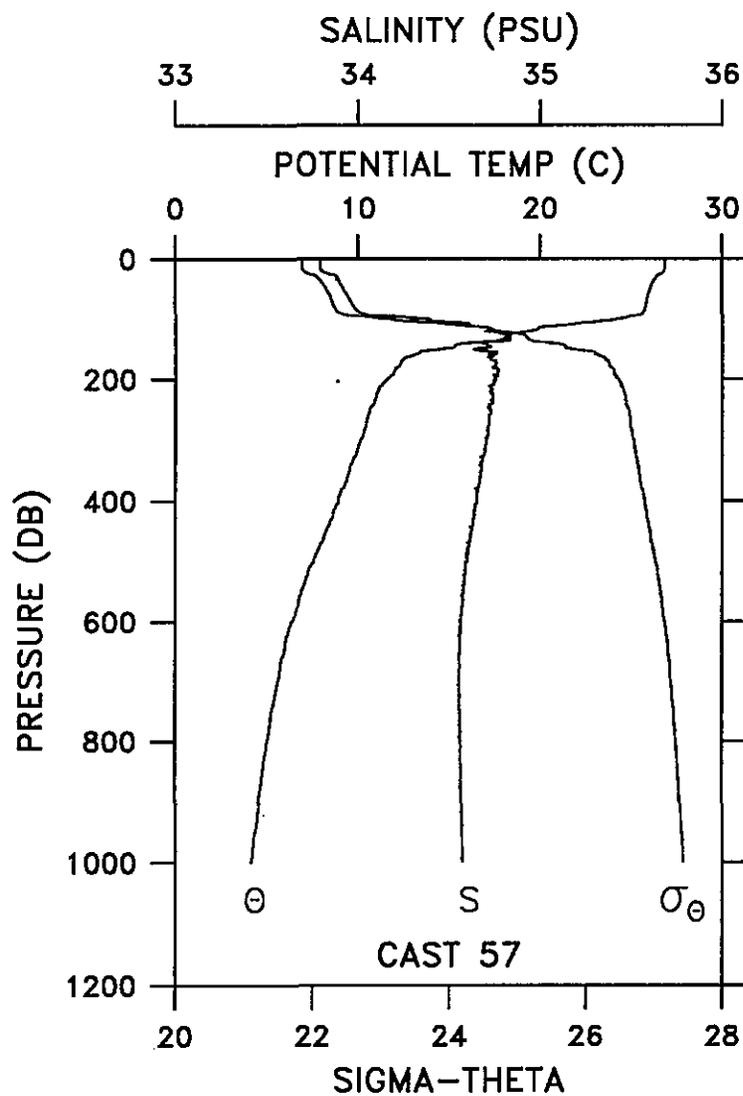
CAST EP6-92-DI-056 DATE 01 NOV 92 TIME 0401 GMT
 LAT 05 59.8N LONG 109 59.8W WEATHER 5 SEA STATE 4
 BAROMETER 11 WIND DIR 130 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.1 WET 24.1 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.923	33.853	21.881	0.000
10	26.947	33.860	21.879	0.059
20	26.946	33.869	21.885	0.119
30	26.938	33.886	21.901	0.178
40	26.942	33.907	21.916	0.237
50	26.925	33.911	21.924	0.296
60	26.800	33.985	22.019	0.355
70	26.725	34.007	22.059	0.413
80	26.453	34.082	22.201	0.470
90	25.067	34.220	22.733	0.525
100	21.145	34.424	24.017	0.570
110	16.210	34.617	25.406	0.603
120	14.816	34.702	25.783	0.627
130	13.043	34.704	26.155	0.647
140	12.502	34.714	26.270	0.665
150	12.278	34.759	26.349	0.682
160	11.995	34.762	26.406	0.699
170	11.881	34.768	26.432	0.716
180	11.657	34.754	26.463	0.732
190	11.358	34.718	26.491	0.748
200	11.178	34.723	26.528	0.763
250	10.746	34.732	26.613	0.839
300	10.300	34.713	26.676	0.911
350	9.872	34.693	26.734	0.981
400	9.320	34.667	26.806	1.048
450	8.706	34.640	26.883	1.113
500	7.982	34.609	26.969	1.173
550	7.370	34.580	27.037	1.230
600	6.786	34.570	27.110	1.283
650	6.249	34.559	27.173	1.334
700	5.877	34.556	27.218	1.382
750	5.502	34.553	27.262	1.428
800	5.282	34.556	27.291	1.473
900	4.819	34.563	27.350	1.557
1000	4.377	34.567	27.402	1.638
1005	4.360	34.567	27.404	1.642

CAST EP6-92-DI -057 DATE 01 NOV 92 TIME 1647 GMT
LAT 04 58.1N LONG 109 55.0W



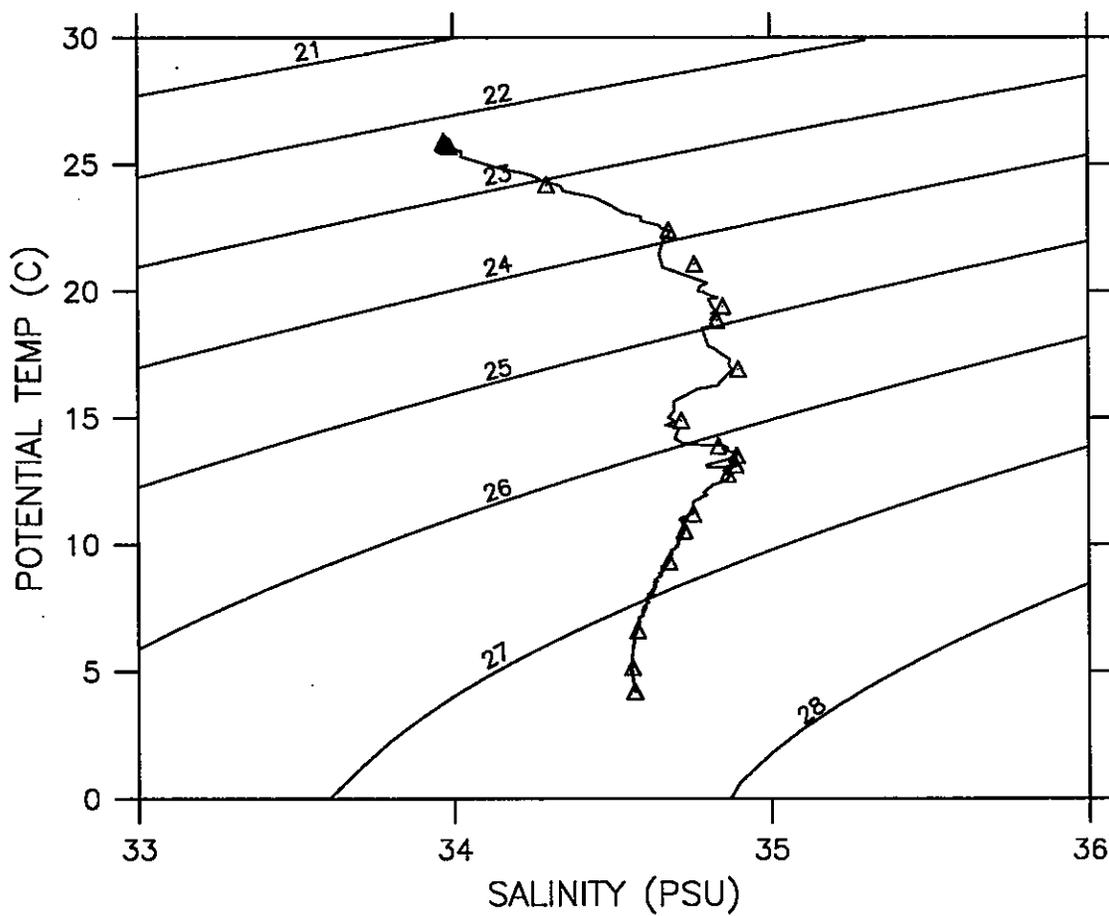
543



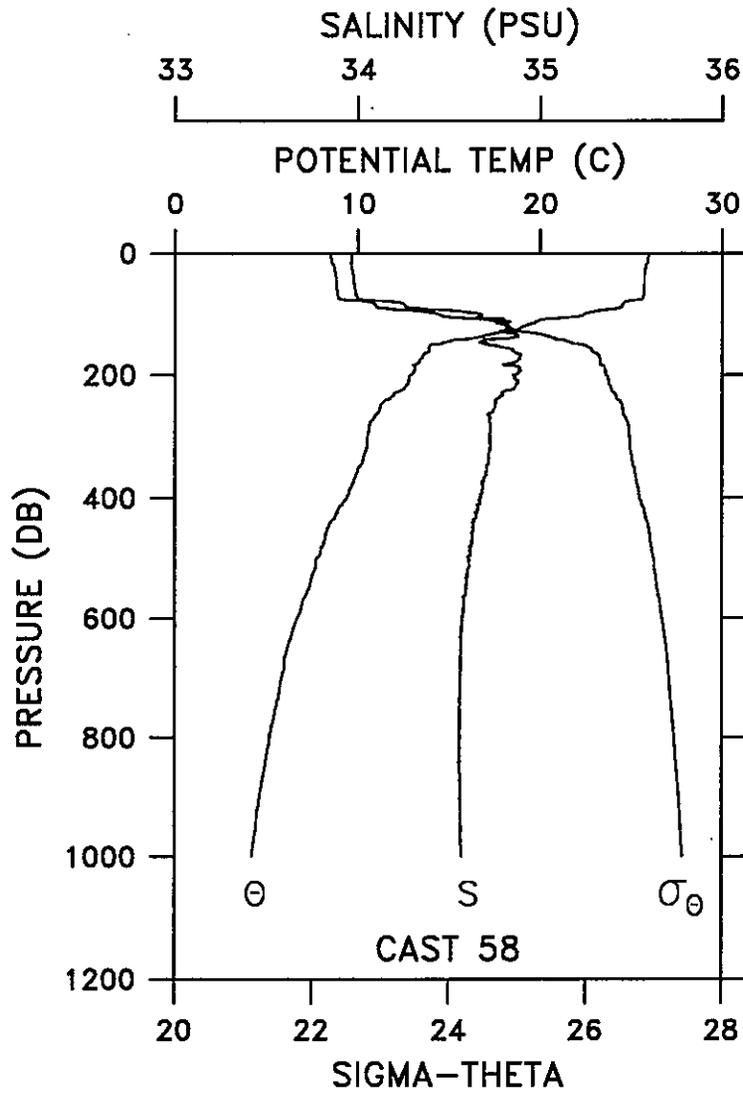
CAST EP6-92-DI -057 DATE 01 NOV 92 TIME 1647 GMT
 LAT 04 58.1N LONG 109 55.0W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 150 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 27.8 WET 24.6 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.865	33.796	21.856	0.000
10	26.866	33.795	21.855	0.060
20	26.829	33.801	21.871	0.119
30	26.393	33.886	22.073	0.178
40	26.184	33.901	22.149	0.235
50	26.058	33.921	22.204	0.291
60	25.932	33.942	22.259	0.348
70	25.870	33.960	22.291	0.403
80	25.808	33.980	22.325	0.459
90	25.641	34.020	22.407	0.514
100	24.186	34.395	23.130	0.566
110	21.352	34.611	24.103	0.609
120	19.297	34.697	24.714	0.644
130	18.067	34.827	25.124	0.673
140	16.195	34.679	25.457	0.701
150	14.660	34.652	25.778	0.725
160	13.022	34.716	26.169	0.745
170	12.359	34.749	26.325	0.763
180	12.170	34.744	26.359	0.780
190	11.941	34.764	26.418	0.797
200	11.597	34.753	26.474	0.813
250	10.625	34.728	26.631	0.889
300	10.133	34.704	26.698	0.961
350	9.526	34.674	26.777	1.030
400	8.901	34.653	26.862	1.095
450	8.249	34.622	26.939	1.156
500	7.562	34.599	27.023	1.214
550	6.895	34.578	27.101	1.268
600	6.349	34.559	27.160	1.319
650	5.972	34.556	27.206	1.367
700	5.621	34.555	27.249	1.413
750	5.262	34.557	27.294	1.457
800	5.040	34.560	27.322	1.500
900	4.571	34.566	27.380	1.582
1000	4.147	34.573	27.431	1.658
1003	4.145	34.572	27.431	1.660

CAST EP6-92-DI -058 DATE 02 NOV 92 TIME 0040 GMT
LAT 03 59.0N LONG 109 59.8W

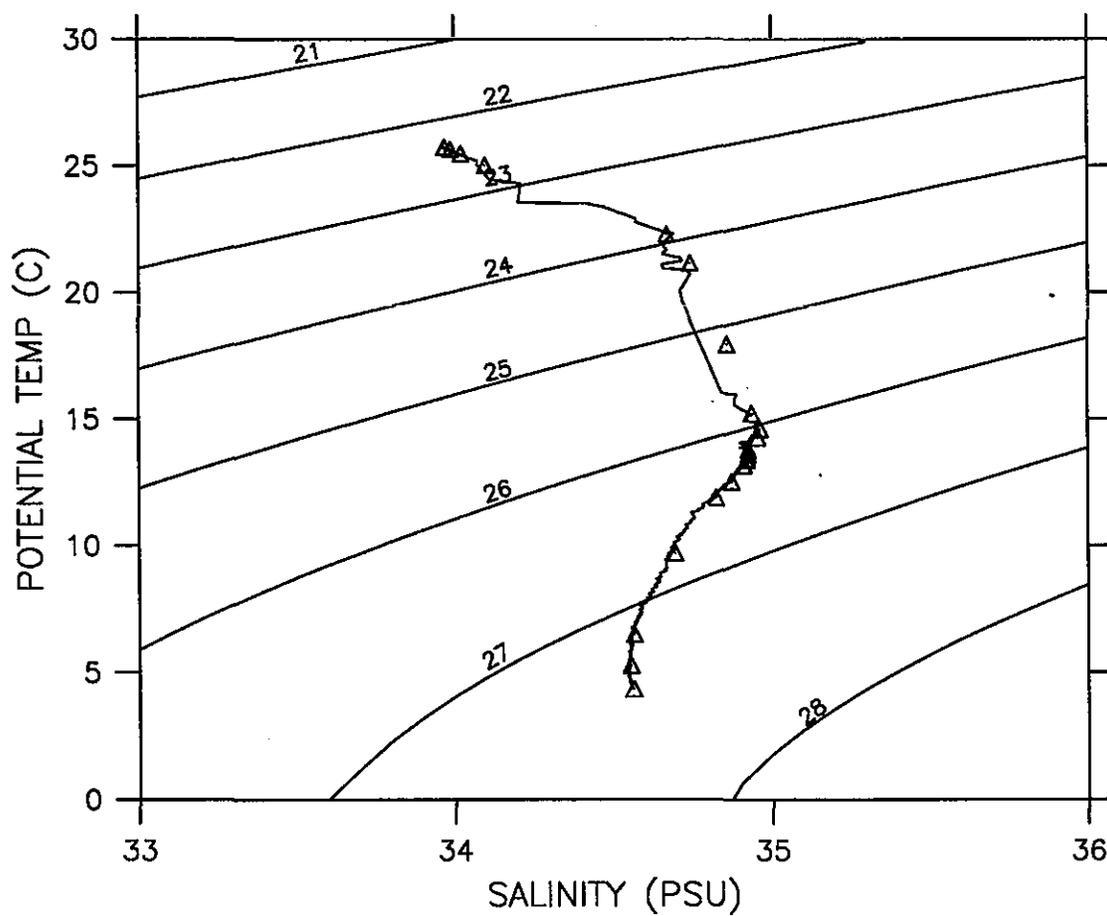


CAST EP6-92-DI -058 DATE 02 NOV 92 TIME 0040 GMT
 LAT 03 59.0N LONG 109 59.8W WEATHER 1 SEA STATE 4
 BAROMETER 08 WIND DIR 160 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.3 WET 23.0 DEPTH M

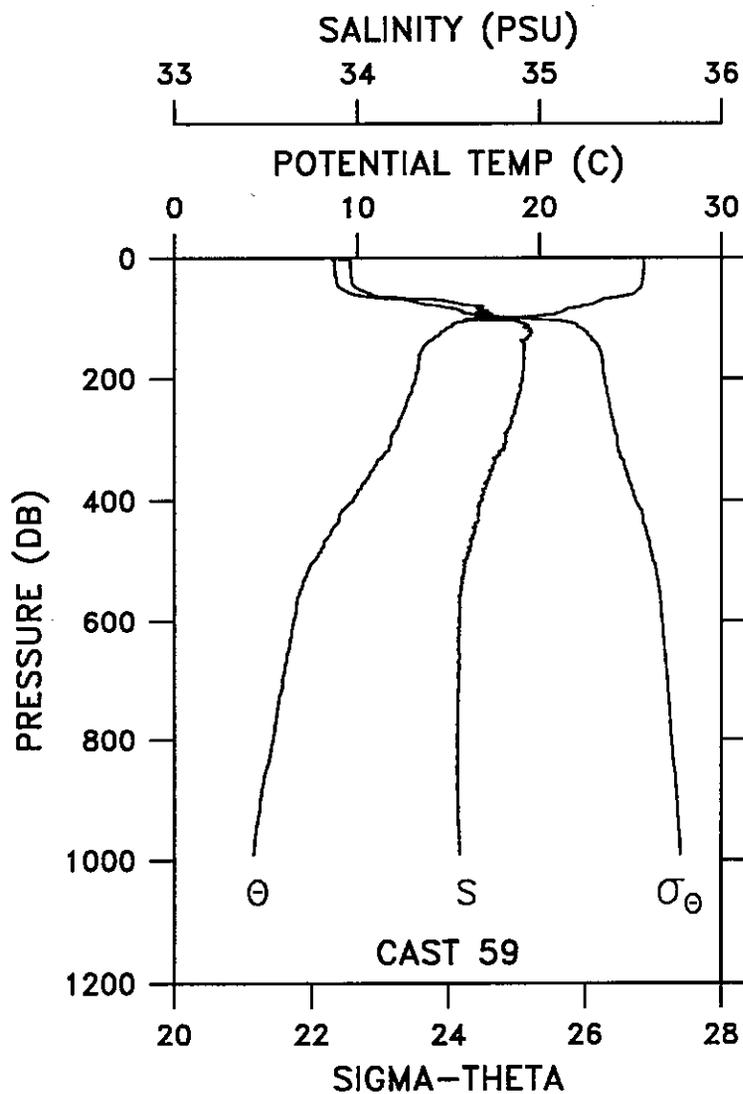


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.959	33.967	22.269	0.000
10	25.925	33.965	22.278	0.056
20	25.805	33.963	22.313	0.111
30	25.755	33.972	22.335	0.166
40	25.729	33.979	22.349	0.221
50	25.721	33.981	22.353	0.276
60	25.704	33.985	22.361	0.331
70	25.675	33.992	22.375	0.386
80	24.678	34.211	22.844	0.440
90	24.370	34.280	22.988	0.489
100	22.419	34.672	23.852	0.534
110	19.983	34.772	24.594	0.572
120	19.106	34.813	24.853	0.604
130	17.817	34.803	25.167	0.635
140	16.268	34.831	25.557	0.661
150	14.165	34.697	25.919	0.684
160	13.916	34.852	26.091	0.704
170	13.540	34.890	26.199	0.723
180	13.327	34.856	26.216	0.742
190	13.140	34.887	26.278	0.760
200	12.922	34.852	26.295	0.778
250	11.252	34.754	26.539	0.861
300	10.534	34.724	26.644	0.936
350	10.061	34.705	26.711	1.008
400	9.403	34.675	26.798	1.076
450	8.361	34.632	26.930	1.139
500	7.763	34.608	27.001	1.198
550	7.366	34.599	27.051	1.254
600	6.698	34.574	27.125	1.307
650	6.179	34.566	27.187	1.357
700	5.849	34.563	27.227	1.404
750	5.529	34.558	27.262	1.450
800	5.193	34.560	27.304	1.494
900	4.653	34.564	27.369	1.577
1000	4.224	34.571	27.422	1.655
1003	4.217	34.572	27.423	1.657

CAST EP6-92-DI -059 DATE 02 NOV 92 TIME 0633 GMT
LAT 02 59.8N LONG 110 00.6W



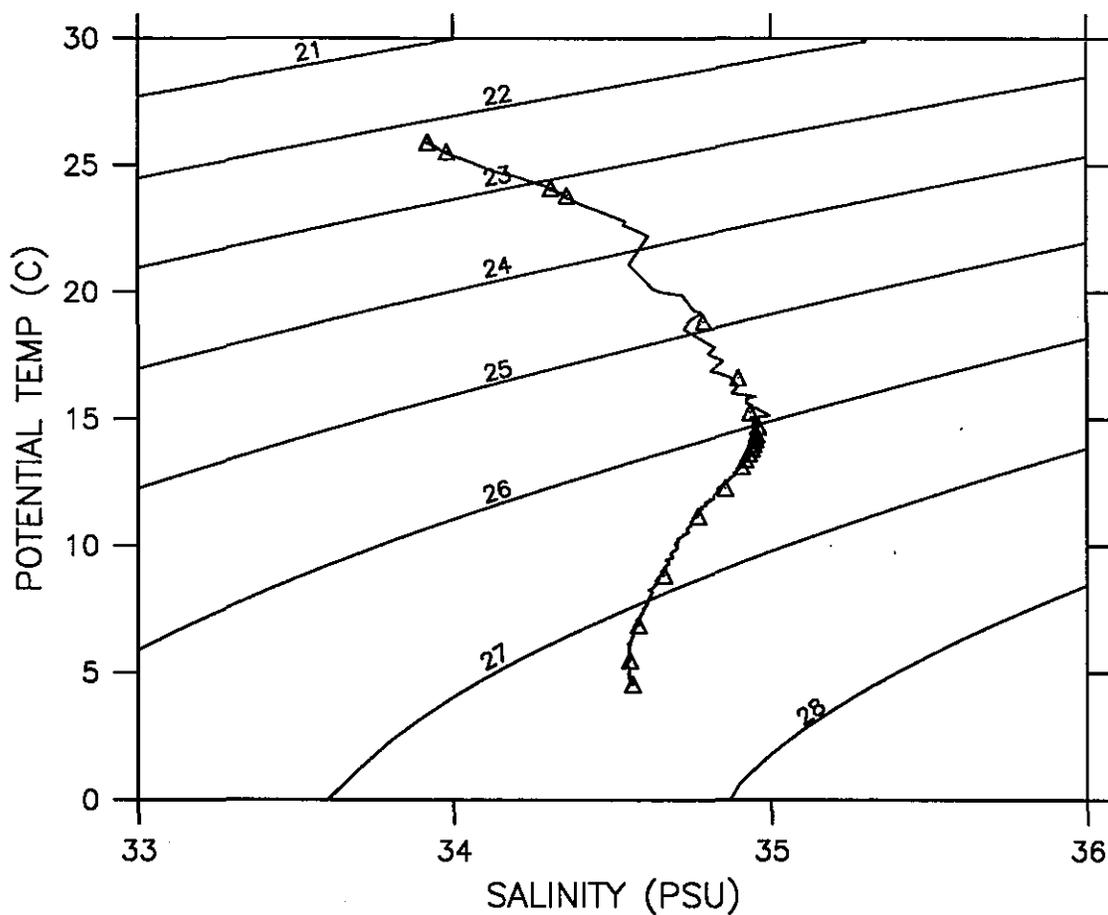
CAST EP6-92-DI -059 DATE 02 NOV 92 TIME 0633 GMT
 LAT 02 59.8N LONG 110 00.6W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 100 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.0 WET 23.0 DEPTH M



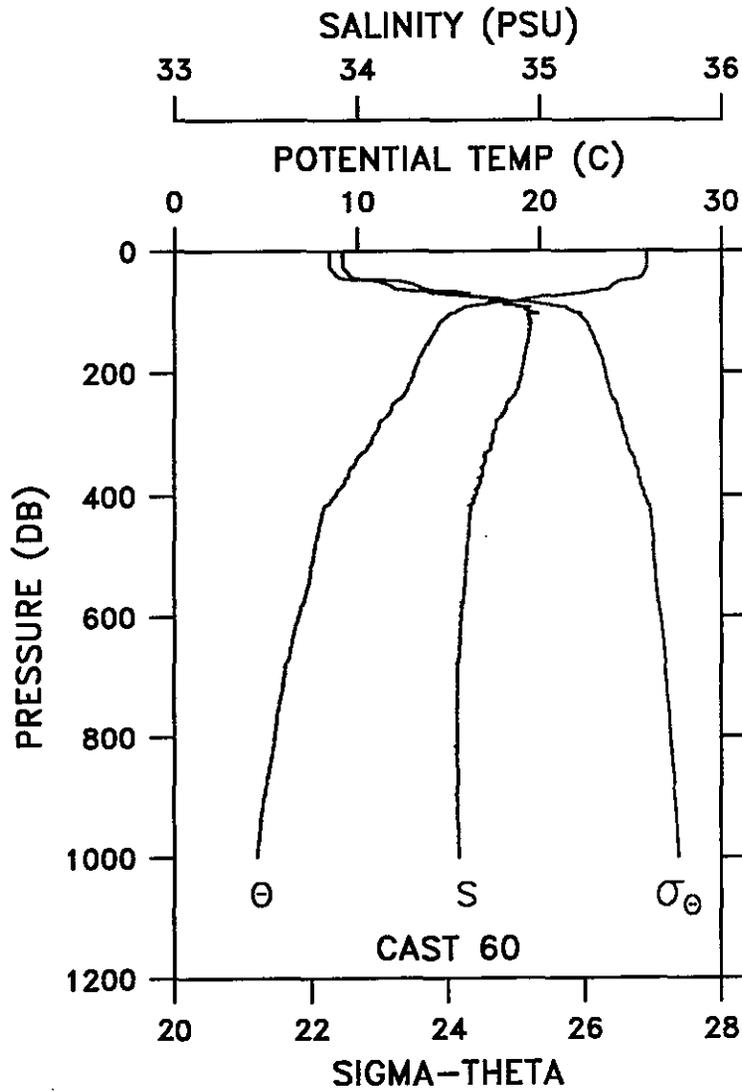
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.709	33.901	22.297	0.000
10	25.733	33.962	22.335	0.055
20	25.721	33.963	22.339	0.110
30	25.697	33.965	22.348	0.165
40	25.669	33.971	22.361	0.220
50	25.508	34.002	22.434	0.274
60	25.137	34.075	22.603	0.328
70	23.353	34.474	23.435	0.377
80	22.314	34.690	23.895	0.420
90	21.088	34.653	24.207	0.458
100	17.258	34.630	25.169	0.492
110	15.213	34.928	25.870	0.515
120	14.781	34.955	25.986	0.536
130	14.321	34.935	26.069	0.556
140	13.839	34.914	26.155	0.576
150	13.603	34.919	26.208	0.594
160	13.426	34.910	26.238	0.613
170	13.373	34.915	26.252	0.631
180	13.350	34.914	26.256	0.649
190	13.270	34.906	26.266	0.667
200	13.186	34.904	26.282	0.685
250	12.601	34.868	26.371	0.772
300	11.851	34.814	26.474	0.856
350	10.873	34.741	26.597	0.935
400	9.764	34.686	26.747	1.008
450	8.600	34.644	26.903	1.072
500	7.625	34.583	27.002	1.131
550	6.850	34.567	27.099	1.185
600	6.508	34.556	27.136	1.237
650	6.245	34.554	27.169	1.287
700	5.912	34.555	27.213	1.335
750	5.639	34.553	27.245	1.381
800	5.372	34.548	27.274	1.427
900	4.696	34.550	27.353	1.512
991	4.344	34.560	27.400	1.584

547

CAST EP6-92-DI -060 DATE 02 NOV 92 TIME 1243 GMT
LAT 02 06.7N LONG 110 06.8W

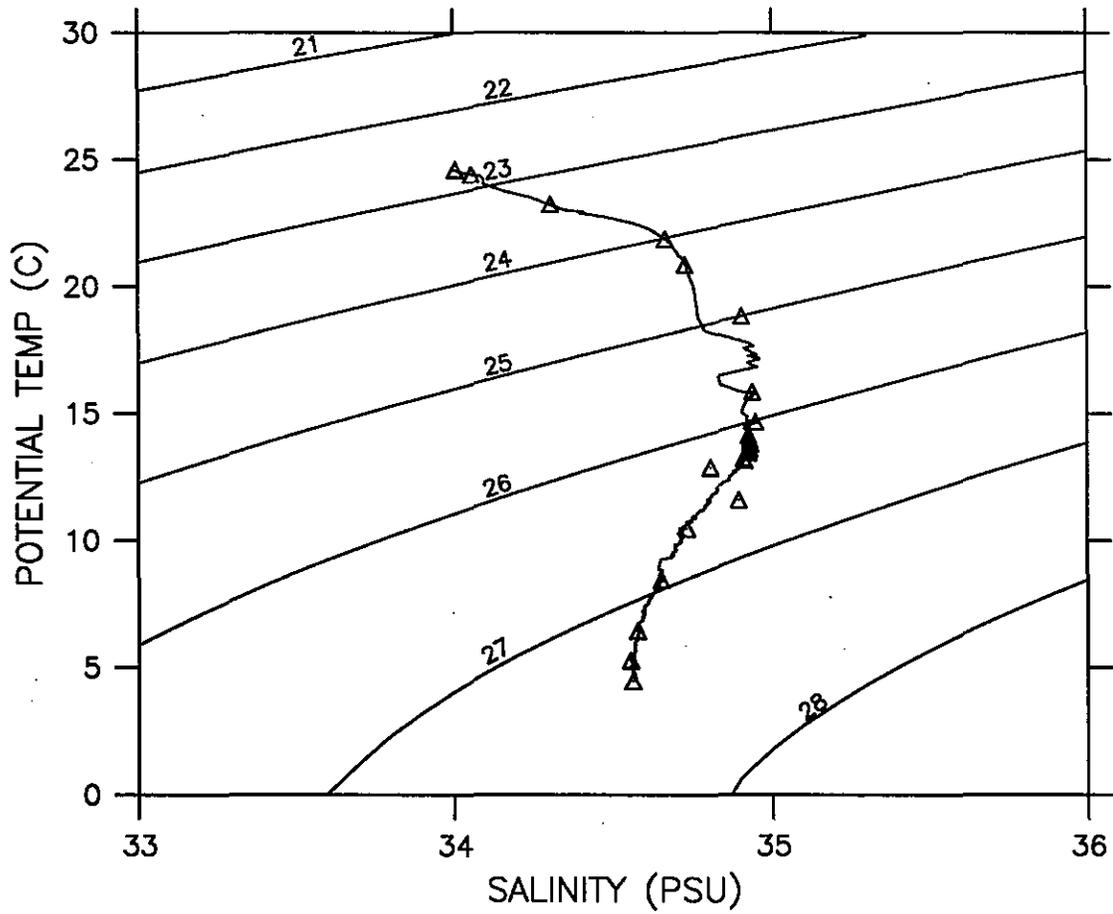


CAST EP6-92-DI-060 DATE 02 NOV 92 TIME 1243 GMT
 LAT 02 06.7N LONG 110 06.8W WEATHER 2 SEA STATE 3
 BAROMETER 09 WIND DIR 130 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.0 WET 22.4 DEPTH M

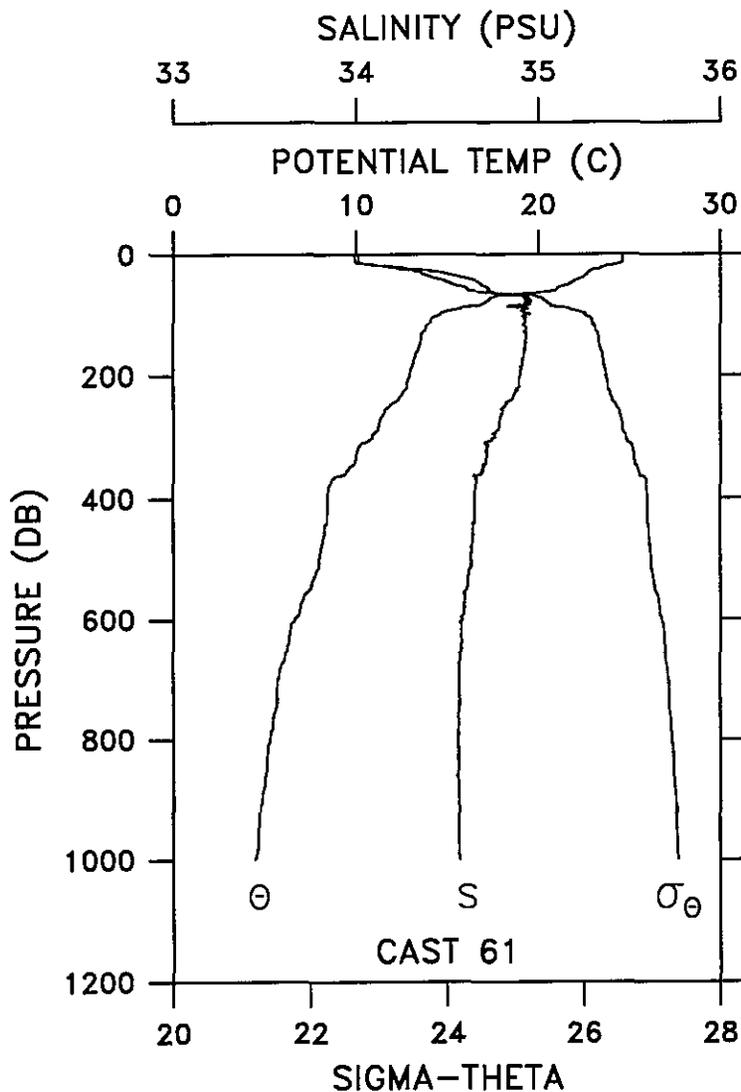


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.883	33.916	22.254	0.000
10	25.891	33.916	22.252	0.056
20	25.885	33.918	22.255	0.111
30	25.823	33.930	22.283	0.167
40	25.664	33.952	22.348	0.222
50	24.448	34.226	22.924	0.276
60	23.907	34.338	23.169	0.324
70	22.211	34.611	23.864	0.369
80	19.182	34.780	24.808	0.404
90	16.614	34.872	25.508	0.433
100	15.448	34.939	25.826	0.456
110	14.865	34.946	25.960	0.477
120	14.514	34.955	26.043	0.497
130	14.359	34.952	26.074	0.517
140	14.096	34.943	26.123	0.536
150	13.923	34.940	26.157	0.555
160	13.713	34.927	26.191	0.574
170	13.525	34.918	26.224	0.592
180	13.358	34.915	26.256	0.611
190	13.236	34.908	26.275	0.629
200	13.099	34.898	26.295	0.646
250	12.035	34.821	26.444	0.733
300	10.994	34.750	26.582	0.812
350	9.831	34.696	26.744	0.884
400	8.811	34.643	26.869	0.949
450	7.912	34.612	26.982	1.009
500	7.629	34.602	27.016	1.065
550	7.311	34.587	27.050	1.121
600	6.774	34.568	27.110	1.174
650	6.372	34.557	27.155	1.225
700	6.033	34.550	27.193	1.274
750	5.724	34.550	27.232	1.321
800	5.483	34.550	27.262	1.367
900	4.928	34.550	27.327	1.455
1000	4.534	34.560	27.380	1.537
1000	4.534	34.560	27.380	1.537

CAST EP6-92-DI -061 DATE 03 NOV 92 TIME 1333 GMT
LAT 00 59.7N LONG 110 00.7W



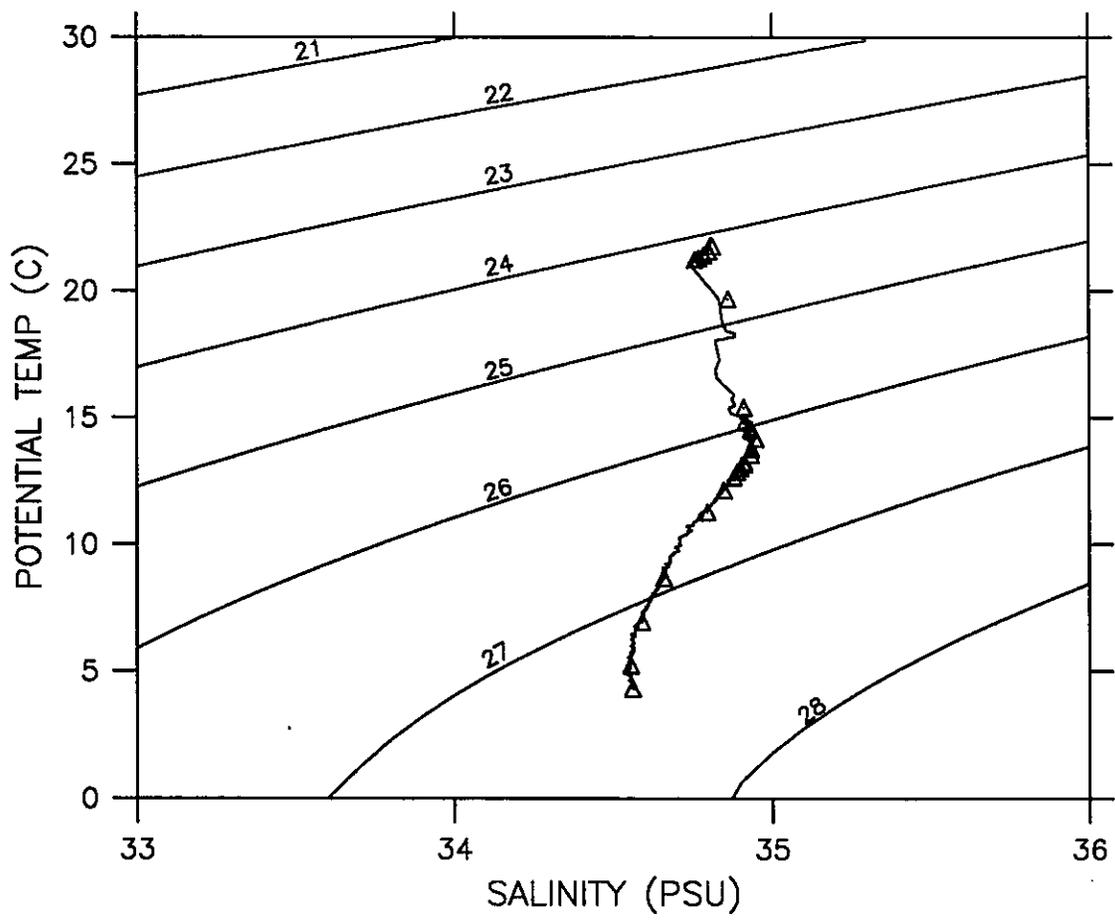
CAST EP6-92-DI -061 DATE 03 NOV 92 TIME 1333 GMT
 LAT 00 59.7N LONG 110 00.7W WEATHER 2 SEA STATE 3
 BAROMETER 10 WIND DIR 145 T SPD 09 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.7 WET 22.0 DEPTH M



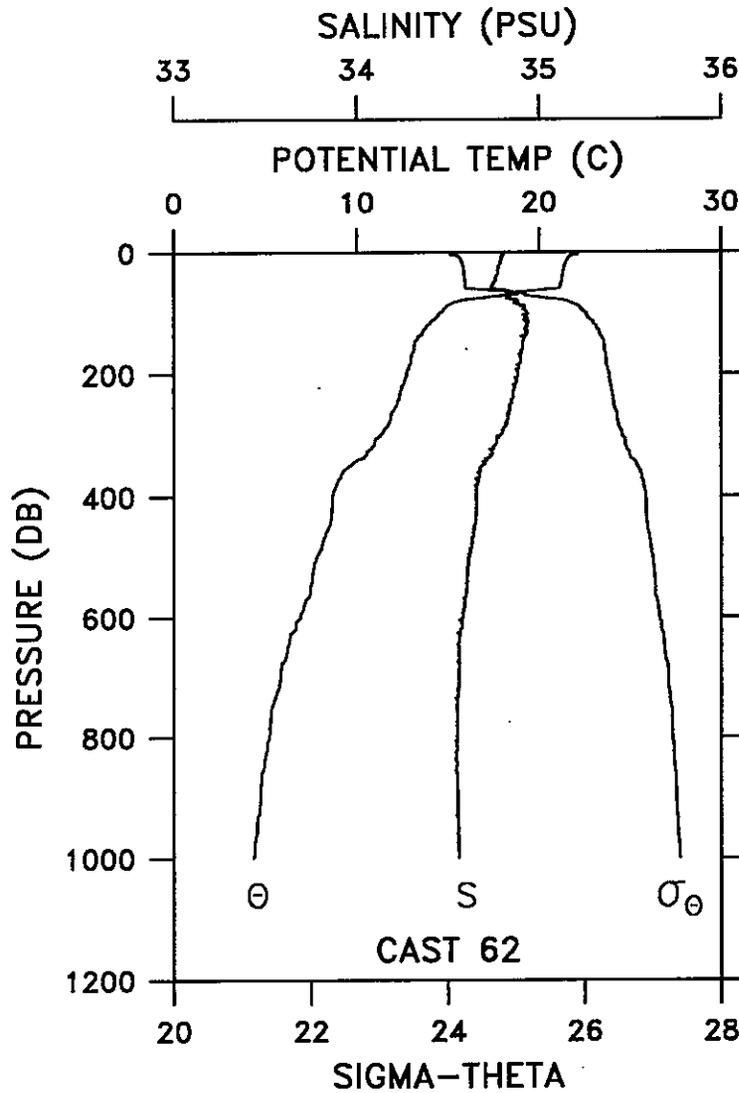
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.610	33.992	22.699	0.000
10	24.607	33.993	22.700	0.051
20	23.640	34.198	23.142	0.102
30	22.738	34.477	23.614	0.147
40	22.322	34.603	23.827	0.189
50	21.611	34.684	24.087	0.228
60	20.857	34.732	24.330	0.265
70	17.561	34.910	25.312	0.296
80	16.997	34.921	25.456	0.322
90	15.603	34.928	25.783	0.346
100	14.574	34.917	26.002	0.367
110	14.072	34.924	26.114	0.387
120	13.846	34.932	26.167	0.406
130	13.631	34.934	26.213	0.424
140	13.585	34.933	26.222	0.443
150	13.510	34.931	26.236	0.461
160	13.346	34.920	26.262	0.479
170	13.248	34.920	26.282	0.497
180	13.144	34.912	26.297	0.515
190	13.018	34.904	26.316	0.532
200	12.946	34.901	26.328	0.550
250	11.834	34.812	26.475	0.634
300	10.880	34.760	26.611	0.712
350	9.626	34.693	26.776	0.782
400	8.439	34.652	26.934	0.843
450	8.276	34.642	26.951	0.903
500	7.973	34.630	26.987	0.961
550	7.483	34.608	27.042	1.018
600	6.622	34.581	27.141	1.071
650	6.221	34.576	27.190	1.120
700	5.735	34.563	27.241	1.167
750	5.605	34.565	27.259	1.212
800	5.296	34.559	27.291	1.257
900	4.838	34.562	27.347	1.342
1000	4.482	34.571	27.394	1.423
1002	4.468	34.571	27.395	1.424

551

CAST EP6-92-DI -062 DATE 03 NOV 92 TIME 2007 GMT
LAT 00 36.1N LONG 110 00.2W



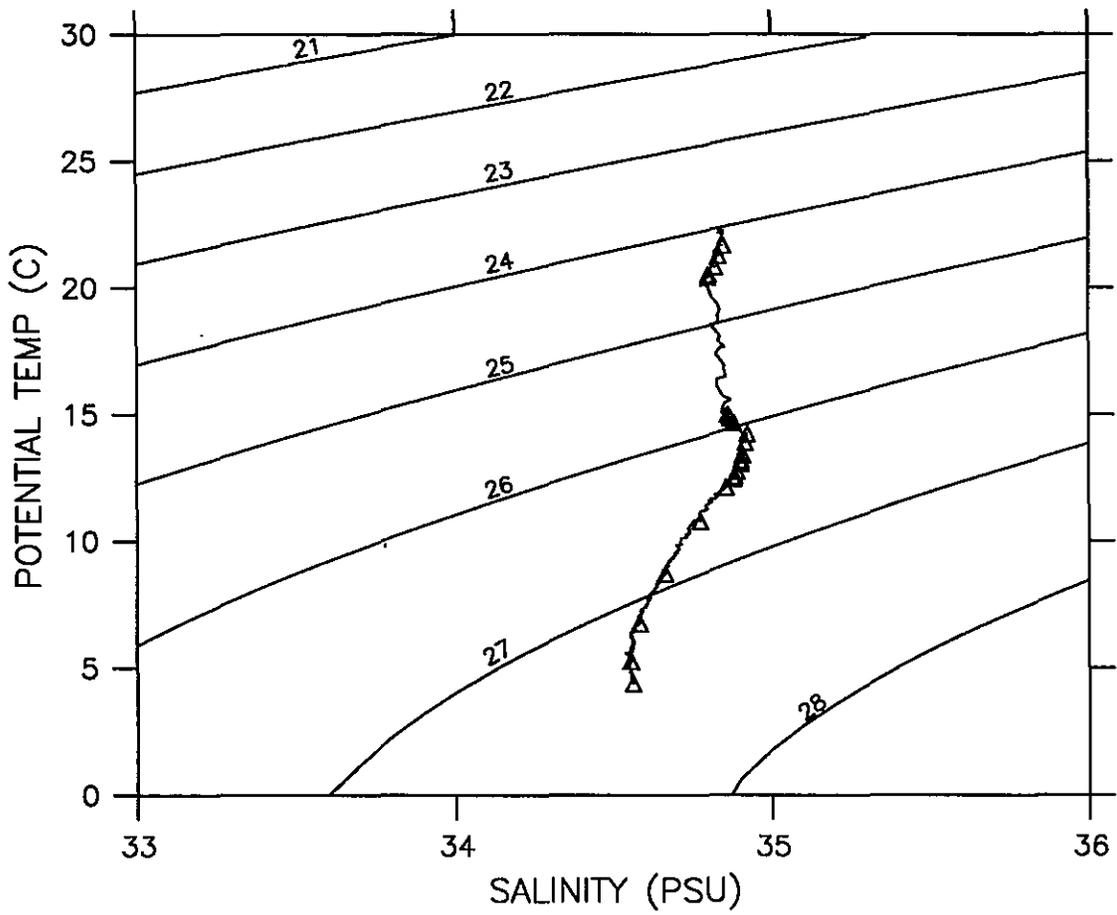
CAST EP6-92-DI -062 DATE 03 NOV 92 TIME 2007 GMT
 LAT 00 36.1N LONG 110 00.2W WEATHER 1 SEA STATE 2
 BAROMETER 08 WIND DIR 000 T SPD 00 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.0 WET 23.0 DEPTH M



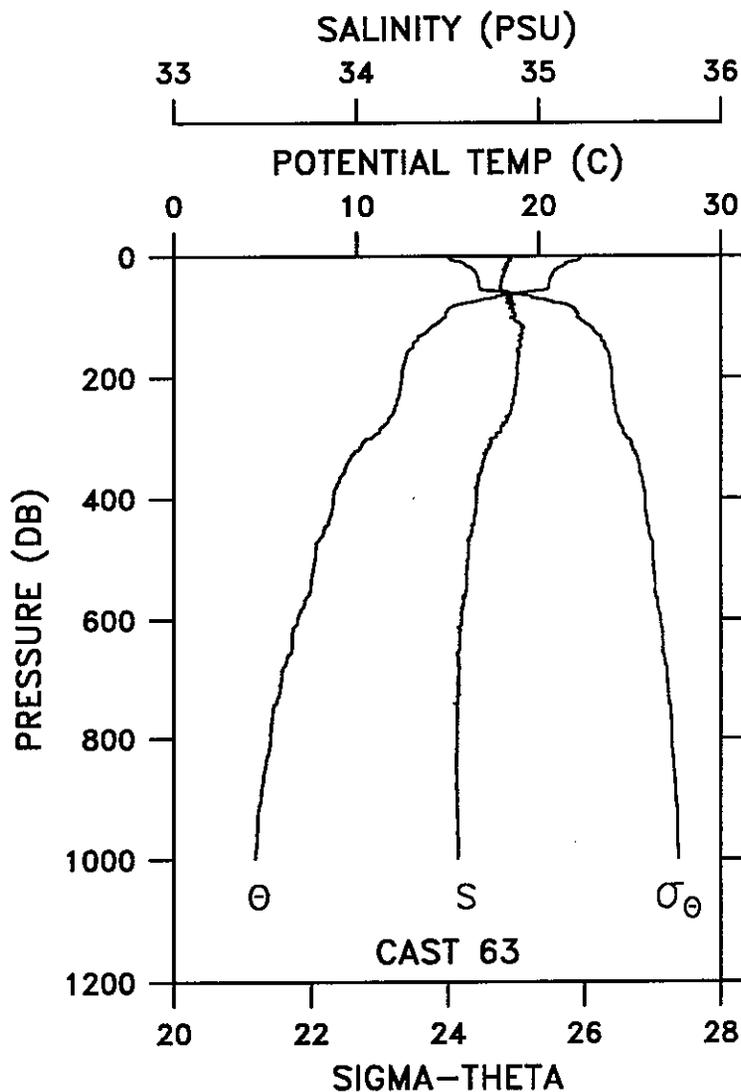
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.113	34.806	24.040	0.000
10	21.600	34.788	24.170	0.038
20	21.438	34.784	24.211	0.075
30	21.331	34.772	24.231	0.112
40	21.272	34.764	24.241	0.149
50	21.205	34.750	24.249	0.186
60	21.104	34.736	24.266	0.223
70	18.212	34.882	25.131	0.254
80	15.737	34.871	25.709	0.281
90	14.939	34.921	25.925	0.303
100	14.592	34.932	26.009	0.323
110	14.290	34.935	26.076	0.343
120	13.896	34.936	26.160	0.362
130	13.635	34.930	26.210	0.381
140	13.351	34.918	26.259	0.399
150	13.185	34.910	26.287	0.417
160	13.144	34.905	26.291	0.435
170	12.996	34.894	26.313	0.452
180	12.968	34.896	26.320	0.470
190	12.852	34.887	26.336	0.487
200	12.727	34.883	26.358	0.504
250	12.203	34.837	26.424	0.589
300	11.315	34.791	26.556	0.669
350	9.622	34.689	26.773	0.742
400	8.659	34.655	26.902	0.805
450	8.483	34.642	26.919	0.866
500	7.828	34.617	26.998	0.925
550	7.482	34.603	27.038	0.981
600	6.929	34.583	27.101	1.036
650	6.233	34.558	27.174	1.086
700	5.833	34.561	27.227	1.134
750	5.367	34.550	27.276	1.179
800	5.216	34.551	27.294	1.223
900	4.742	34.554	27.352	1.307
1000	4.360	34.558	27.397	1.387
1006	4.295	34.562	27.407	1.392

553

CAST EP6-92-DI -063 DATE 04 NOV 92 TIME 0128 GMT
LAT 00 15.2N LONG 110 00.0W



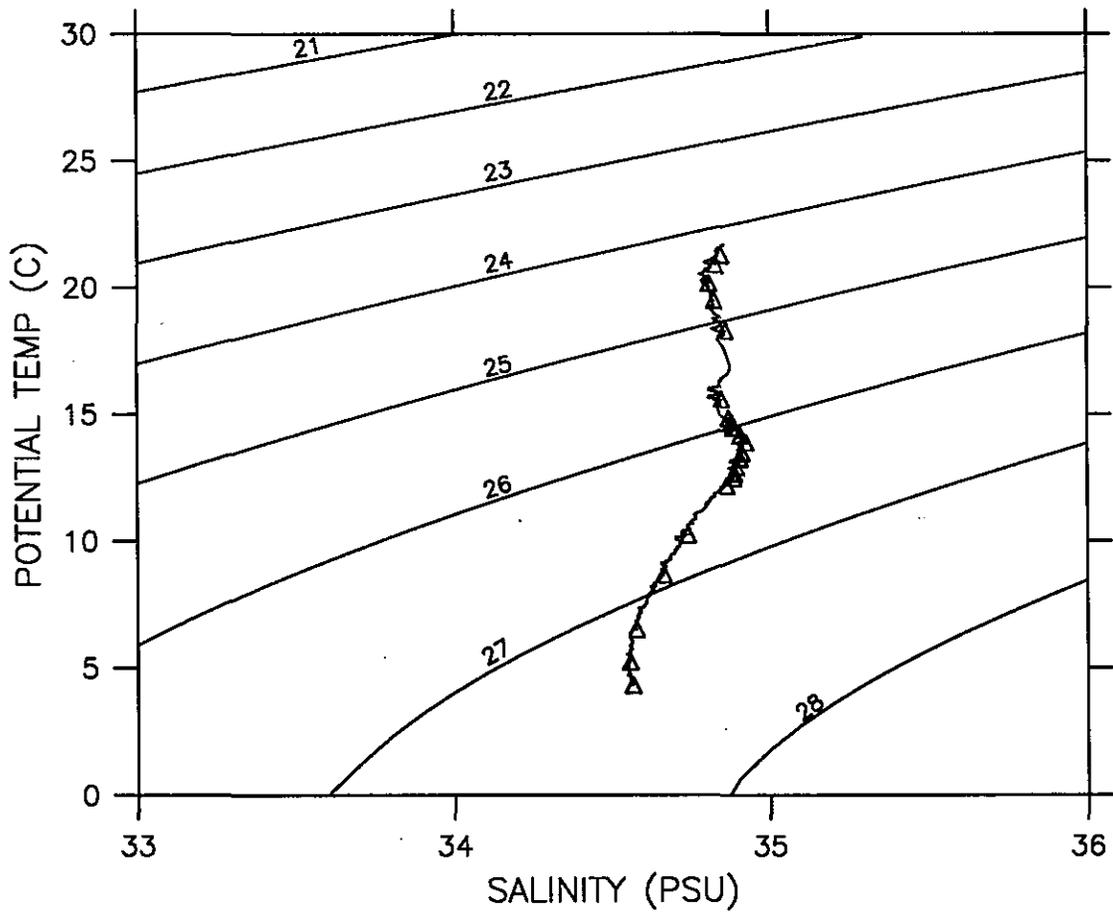
CAST EP6-92-DI-063 DATE 04 NOV 92 TIME 0128 GMT
 LAT 00 15.2N LONG 110 00.0W WEATHER 1 SEA STATE 2
 BAROMETER 08 WIND DIR 135 T SPD 08 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.2 WET 21.8 DEPTH M



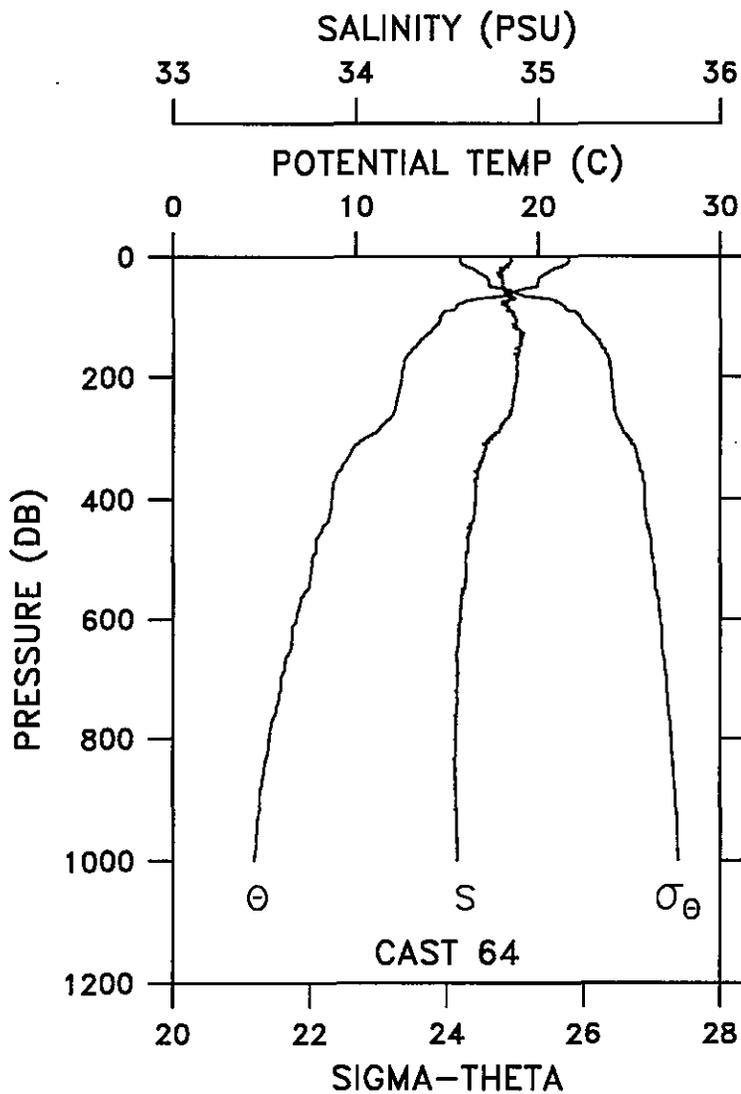
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.285	34.831	24.011	0.000
10	21.591	34.831	24.205	0.038
20	21.045	34.813	24.341	0.075
30	20.745	34.808	24.418	0.110
40	20.599	34.795	24.447	0.145
50	20.539	34.790	24.460	0.180
60	19.137	34.836	24.862	0.214
70	17.387	34.821	25.285	0.243
80	15.583	34.868	25.742	0.267
90	14.973	34.859	25.870	0.289
100	14.857	34.869	25.903	0.311
110	14.483	34.897	26.006	0.331
120	13.995	34.908	26.118	0.351
130	13.586	34.898	26.196	0.370
140	13.285	34.895	26.255	0.388
150	13.080	34.899	26.299	0.406
160	12.754	34.887	26.355	0.423
170	12.665	34.887	26.373	0.440
180	12.570	34.880	26.386	0.457
190	12.502	34.882	26.401	0.474
200	12.472	34.878	26.404	0.490
250	12.093	34.850	26.456	0.573
300	10.829	34.752	26.614	0.652
350	9.375	34.683	26.809	0.720
400	8.725	34.659	26.895	0.783
450	8.231	34.636	26.953	0.844
500	7.732	34.612	27.009	0.901
550	7.467	34.602	27.039	0.957
600	6.761	34.575	27.117	1.011
650	6.430	34.562	27.151	1.062
700	5.884	34.555	27.216	1.110
750	5.417	34.551	27.270	1.156
800	5.278	34.549	27.285	1.200
900	4.748	34.554	27.351	1.285
1000	4.438	34.555	27.386	1.366
1005	4.387	34.557	27.393	1.369

SSS

CAST EP6-92-DI -064 DATE 04 NOV 92 TIME 0944 GMT
LAT 00 11.6N LONG 110 05.3W



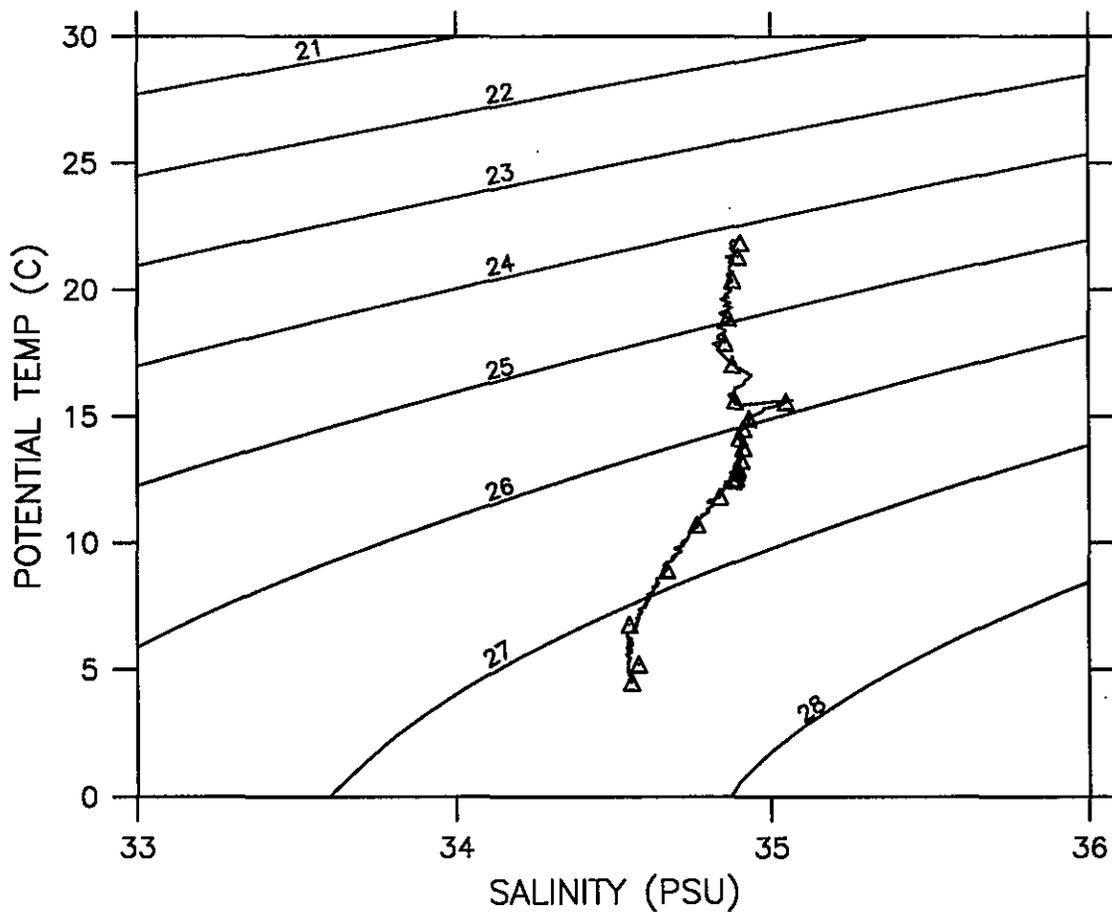
557



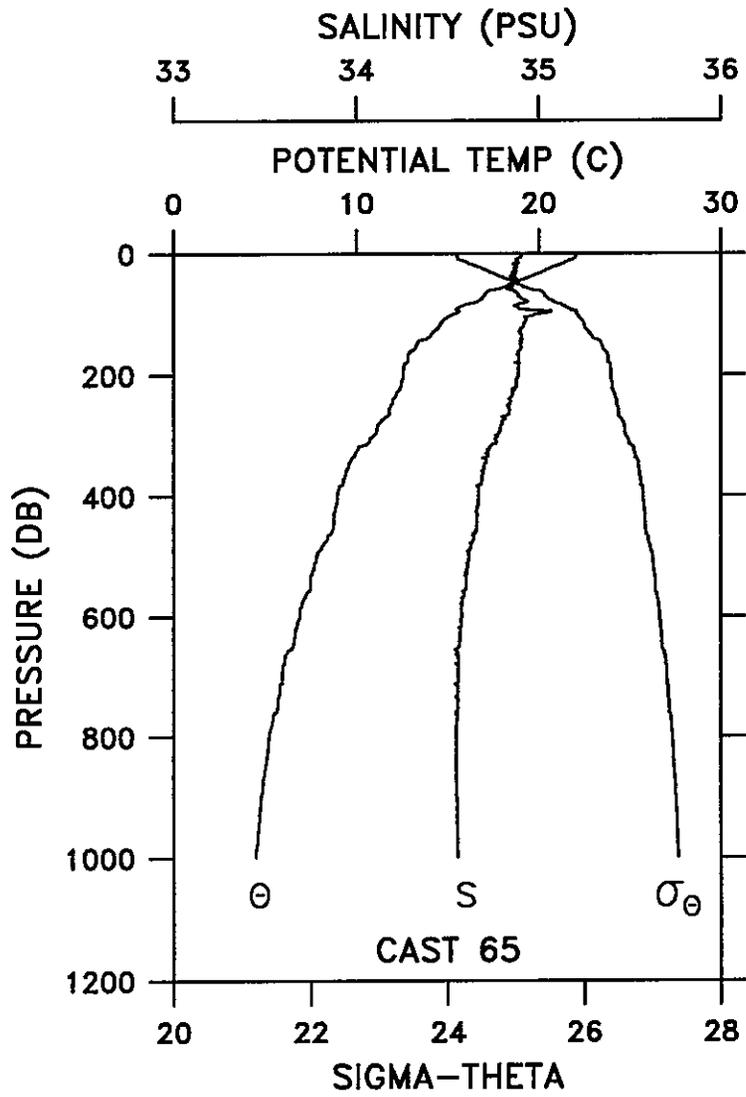
CAST EP6-92-DI-064 DATE 04 NOV 92 TIME 0944 GMT
 LAT 00 11.6N LONG 110 05.3W WEATHER 2 SEA STATE 2
 BAROMETER 10 WIND DIR 130 T SPD 04 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.8 WET 21.2 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.681	34.849	24.194	0.000
10	21.628	34.845	24.205	0.037
20	20.878	34.809	24.383	0.074
30	20.347	34.787	24.509	0.108
40	20.014	34.802	24.608	0.142
50	19.952	34.805	24.627	0.175
60	18.579	34.842	25.008	0.207
70	16.598	34.867	25.508	0.234
80	15.601	34.828	25.707	0.258
90	14.963	34.841	25.858	0.281
100	14.659	34.873	25.949	0.302
110	14.531	34.873	25.977	0.323
120	14.177	34.879	26.057	0.343
130	13.894	34.897	26.131	0.362
140	13.496	34.907	26.221	0.381
150	13.248	34.893	26.261	0.399
160	12.987	34.892	26.313	0.417
170	12.699	34.877	26.358	0.434
180	12.634	34.882	26.375	0.451
190	12.529	34.882	26.396	0.468
200	12.503	34.881	26.400	0.484
250	12.162	34.855	26.446	0.567
300	10.502	34.737	26.660	0.646
350	9.219	34.670	26.824	0.713
400	8.695	34.657	26.898	0.775
450	8.151	34.631	26.961	0.836
500	7.631	34.606	27.019	0.893
550	7.352	34.579	27.038	0.949
600	6.739	34.574	27.119	1.001
650	6.441	34.558	27.147	1.052
700	5.916	34.557	27.214	1.101
750	5.649	34.554	27.245	1.148
800	5.261	34.548	27.287	1.193
900	4.753	34.552	27.349	1.278
1000	4.369	34.556	27.394	1.358
1002	4.333	34.557	27.399	1.360

CAST EP6-92-DI -065 DATE 04 NOV 92 TIME 2110 GMT
LAT 00 00.8N LONG 110 00.4W



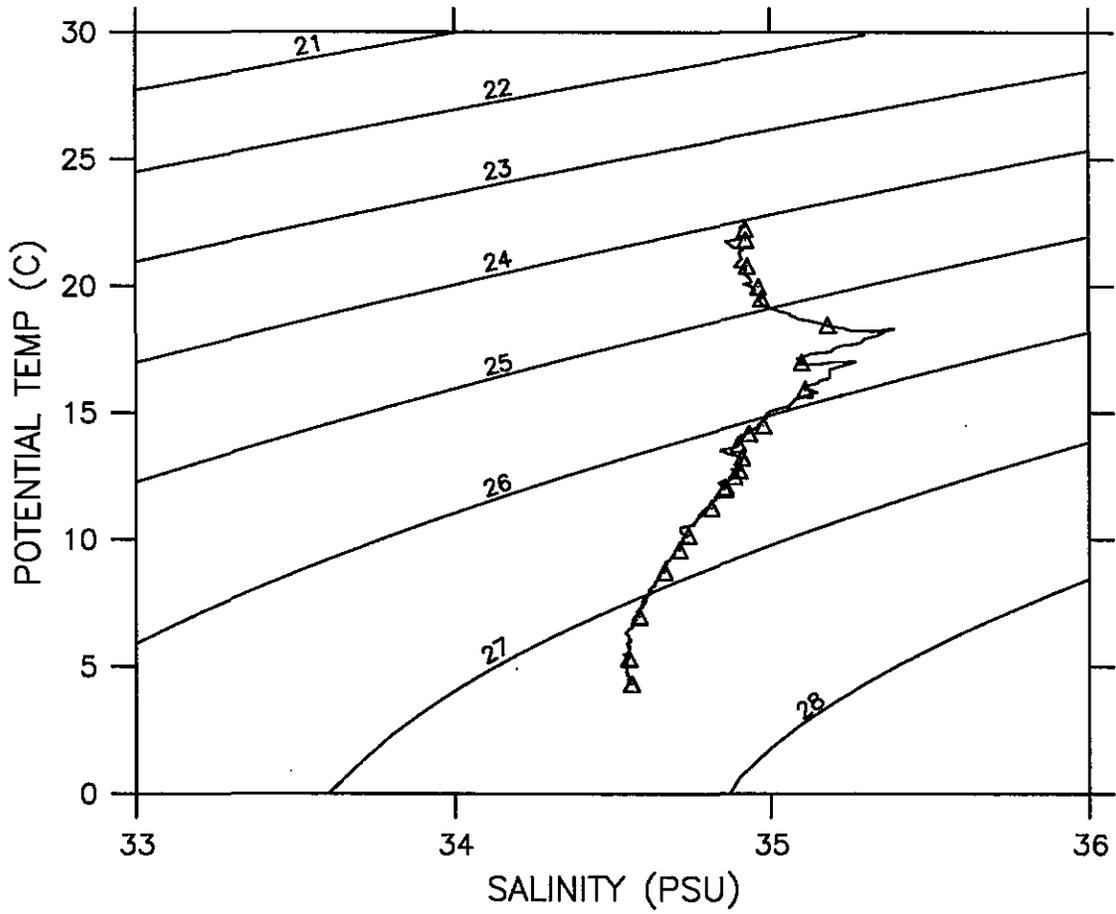
659

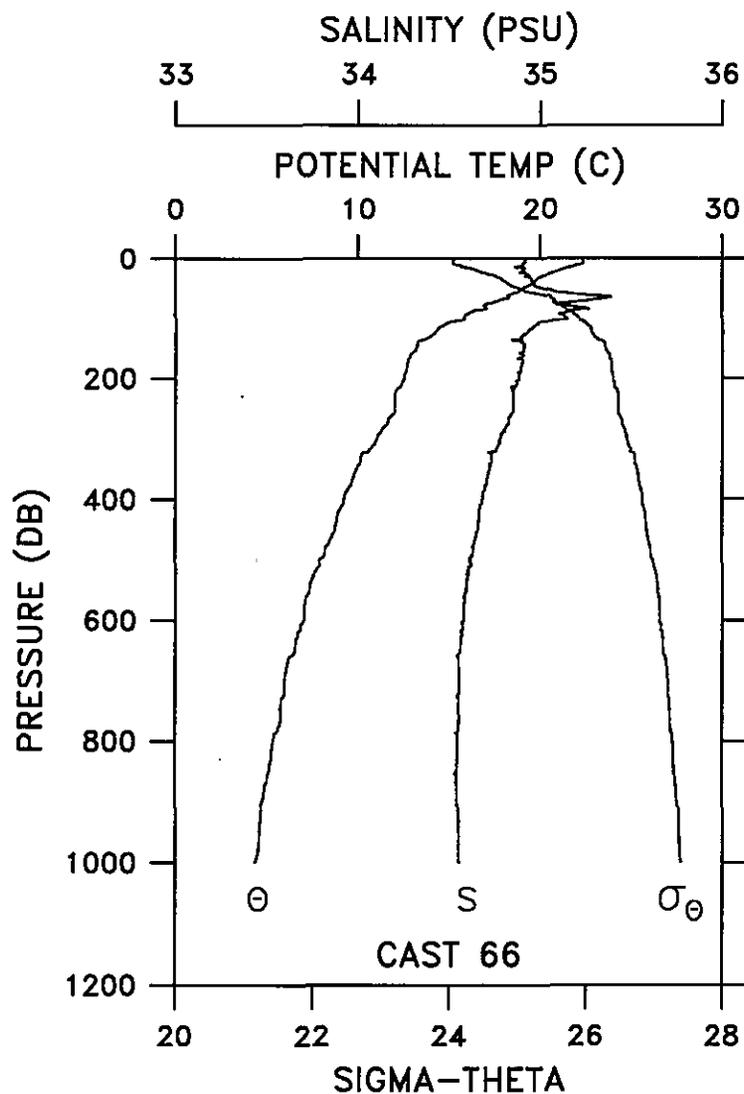


CAST EP6-92-DI -065 DATE 04 NOV 92 TIME 2110 GMT
 LAT 00 00.8N LONG 110 00.4W WEATHER 1 SEA STATE 2
 BAROMETER 11 WIND DIR 110 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.0 WET 22.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.043	34.900	24.132	0.000
10	21.767	34.872	24.187	0.038
20	20.983	34.877	24.406	0.074
30	20.180	34.864	24.612	0.108
40	19.349	34.850	24.818	0.140
50	18.511	34.833	25.018	0.171
60	17.301	34.858	25.335	0.199
70	16.980	34.892	25.437	0.225
80	16.412	34.917	25.590	0.250
90	15.508	34.885	25.772	0.273
100	15.255	34.976	25.898	0.295
110	14.739	34.929	25.975	0.316
120	14.520	34.911	26.009	0.336
130	14.155	34.898	26.077	0.356
140	13.830	34.906	26.151	0.375
150	13.294	34.901	26.258	0.393
160	12.992	34.891	26.311	0.411
170	12.808	34.891	26.348	0.429
180	12.711	34.893	26.369	0.446
190	12.570	34.886	26.391	0.463
200	12.560	34.884	26.391	0.479
250	11.905	34.834	26.479	0.562
300	10.934	34.762	26.603	0.639
350	9.571	34.704	26.793	0.709
400	8.980	34.670	26.863	0.774
450	8.735	34.659	26.893	0.836
500	7.828	34.615	26.997	0.896
550	7.466	34.601	27.039	0.952
600	6.902	34.576	27.099	1.006
650	6.528	34.560	27.137	1.058
700	5.955	34.557	27.209	1.106
750	5.692	34.554	27.239	1.153
800	5.224	34.546	27.290	1.198
900	4.782	34.550	27.344	1.283
1000	4.499	34.554	27.379	1.364
1006	4.487	34.555	27.381	1.369

CAST EP6-92-DI -066 DATE 05 NOV 92 TIME 0756 GMT
LAT 00 15.2S LONG 110 00.2W

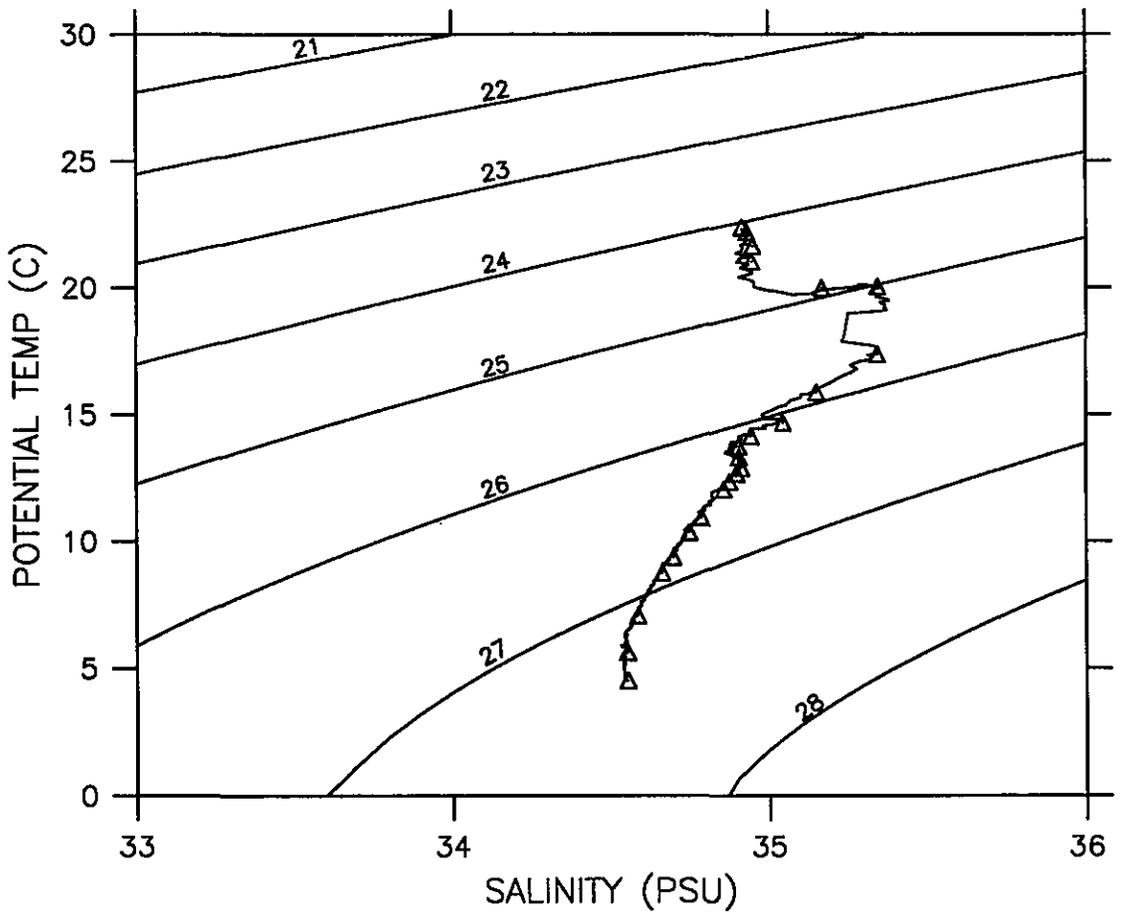




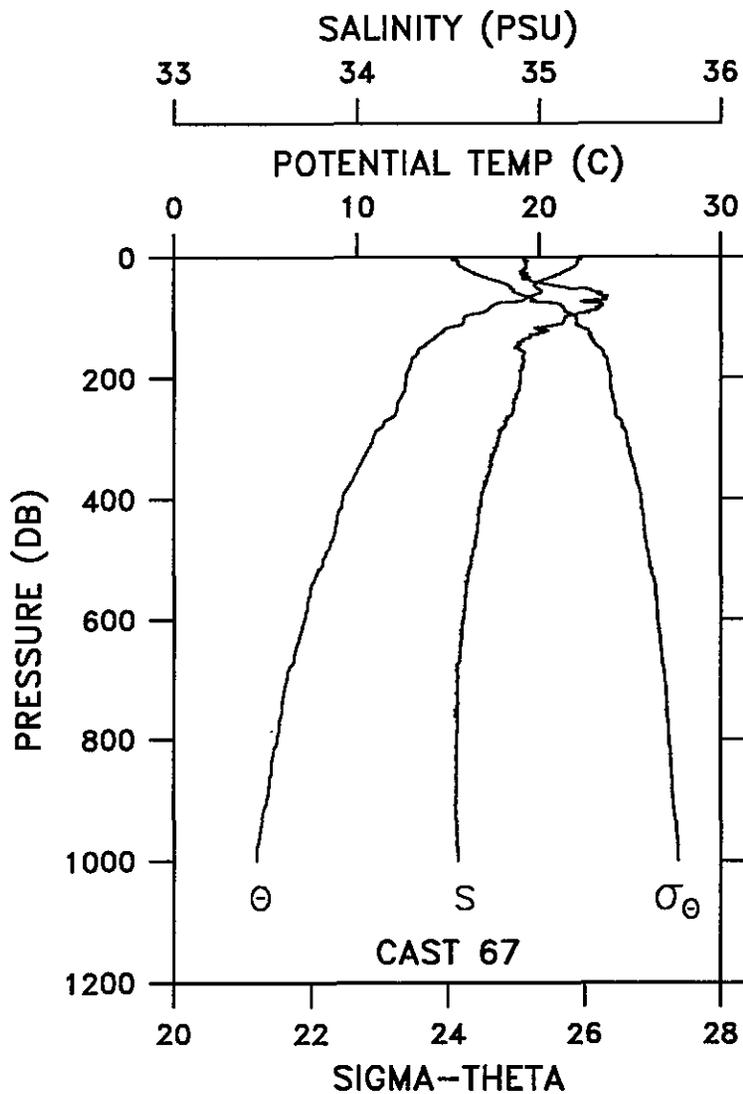
CAST EP6-92-DI -066 DATE 05 NOV 92 TIME 0756 GMT
 LAT 00 15.2S LONG 110 00.2W WEATHER 1 SEA STATE 2
 BAROMETER 12 WIND DIR 120 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.5 WET 21.8 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.328	34.914	24.062	0.000
10	22.194	34.905	24.093	0.038
20	21.065	34.912	24.411	0.075
30	20.075	34.916	24.679	0.109
40	19.590	34.968	24.846	0.141
50	19.046	35.025	25.030	0.171
60	18.322	35.237	25.375	0.199
70	17.717	35.267	25.547	0.224
80	16.964	35.178	25.661	0.249
90	16.181	35.148	25.821	0.271
100	15.819	35.146	25.902	0.293
110	14.773	34.985	26.011	0.314
120	14.305	34.940	26.076	0.334
130	13.948	34.900	26.122	0.353
140	13.261	34.901	26.265	0.372
150	13.179	34.908	26.286	0.390
160	12.882	34.897	26.338	0.407
170	12.735	34.904	26.372	0.424
180	12.671	34.894	26.377	0.441
190	12.607	34.876	26.376	0.458
200	12.517	34.881	26.397	0.475
250	12.009	34.850	26.472	0.556
300	11.040	34.777	26.595	0.634
350	9.903	34.719	26.749	0.706
400	9.228	34.683	26.833	0.772
450	8.731	34.658	26.893	0.835
500	7.906	34.618	26.988	0.895
550	7.325	34.592	27.052	0.951
600	7.028	34.577	27.082	1.005
650	6.528	34.558	27.135	1.057
700	5.990	34.554	27.202	1.106
750	5.755	34.552	27.230	1.153
800	5.352	34.546	27.274	1.199
900	4.769	34.545	27.341	1.286
1000	4.315	34.557	27.401	1.367
1000	4.315	34.557	27.401	1.367

CAST EP6-92-DI -067 DATE 05 NOV 92 TIME 1119 GMT
LAT 00 30.9S LONG 110 00.4W



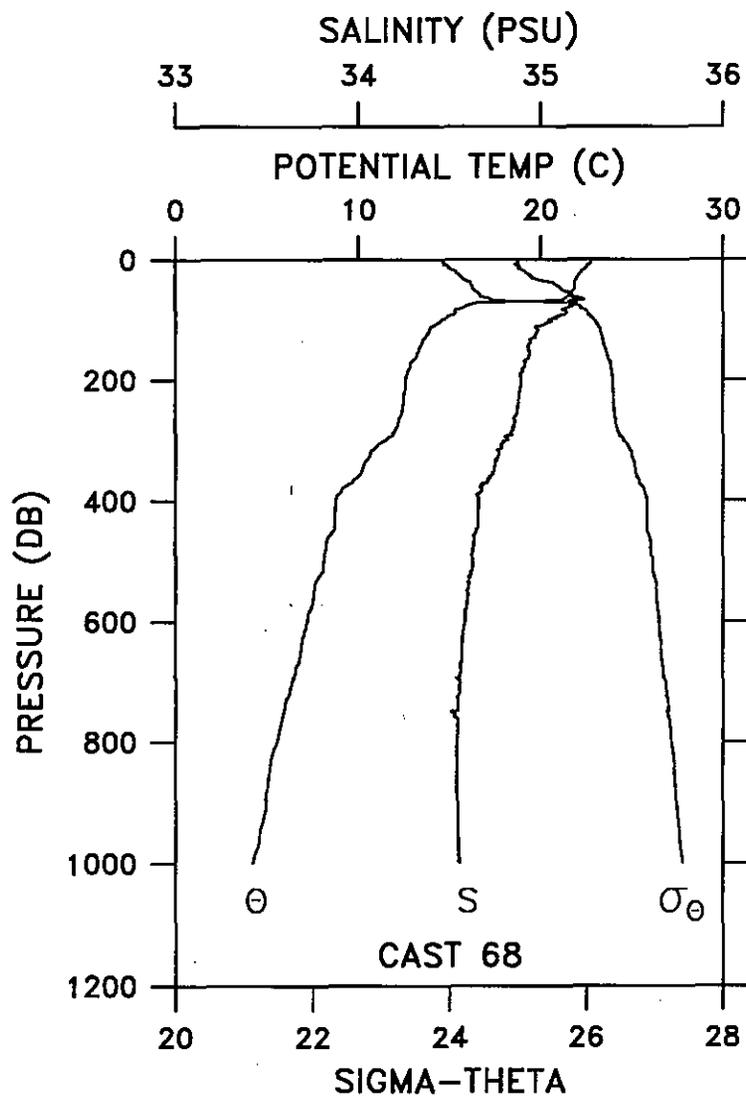
563



CAST EP6-92-DI -067 DATE 05 NOV 92 TIME 1119 GMT
 LAT 00 30.9S LONG 110 00.4W WEATHER 1 SEA STATE 2
 BAROMETER 11 WIND DIR 100 T SPD 04 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.0 WET 22.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.331	34.914	24.061	0.000
10	22.116	34.931	24.134	0.038
20	21.690	34.911	24.238	0.075
30	20.933	34.936	24.464	0.111
40	20.036	34.953	24.717	0.145
50	19.808	35.145	24.924	0.176
60	19.977	35.346	25.033	0.206
70	19.202	35.363	25.248	0.234
80	17.467	35.336	25.661	0.260
90	17.017	35.273	25.720	0.283
100	15.910	35.148	25.883	0.305
110	15.801	35.128	25.893	0.326
120	14.800	35.048	26.053	0.347
130	14.329	34.949	26.078	0.367
140	13.900	34.882	26.118	0.386
150	13.413	34.884	26.220	0.405
160	13.267	34.915	26.274	0.423
170	12.984	34.914	26.331	0.441
180	12.888	34.900	26.339	0.458
190	12.751	34.894	26.361	0.475
200	12.674	34.895	26.377	0.492
250	12.188	34.857	26.443	0.576
300	10.873	34.774	26.623	0.654
350	10.036	34.729	26.735	0.726
400	9.217	34.683	26.835	0.793
450	8.796	34.661	26.885	0.856
500	8.165	34.630	26.958	0.917
550	7.437	34.596	27.040	0.975
600	7.110	34.582	27.075	1.029
650	6.645	34.566	27.126	1.082
700	6.162	34.550	27.177	1.133
750	5.891	34.551	27.212	1.181
800	5.625	34.549	27.244	1.228
900	5.069	34.544	27.306	1.317
1000	4.513	34.552	27.375	1.400
1004	4.511	34.552	27.376	1.403

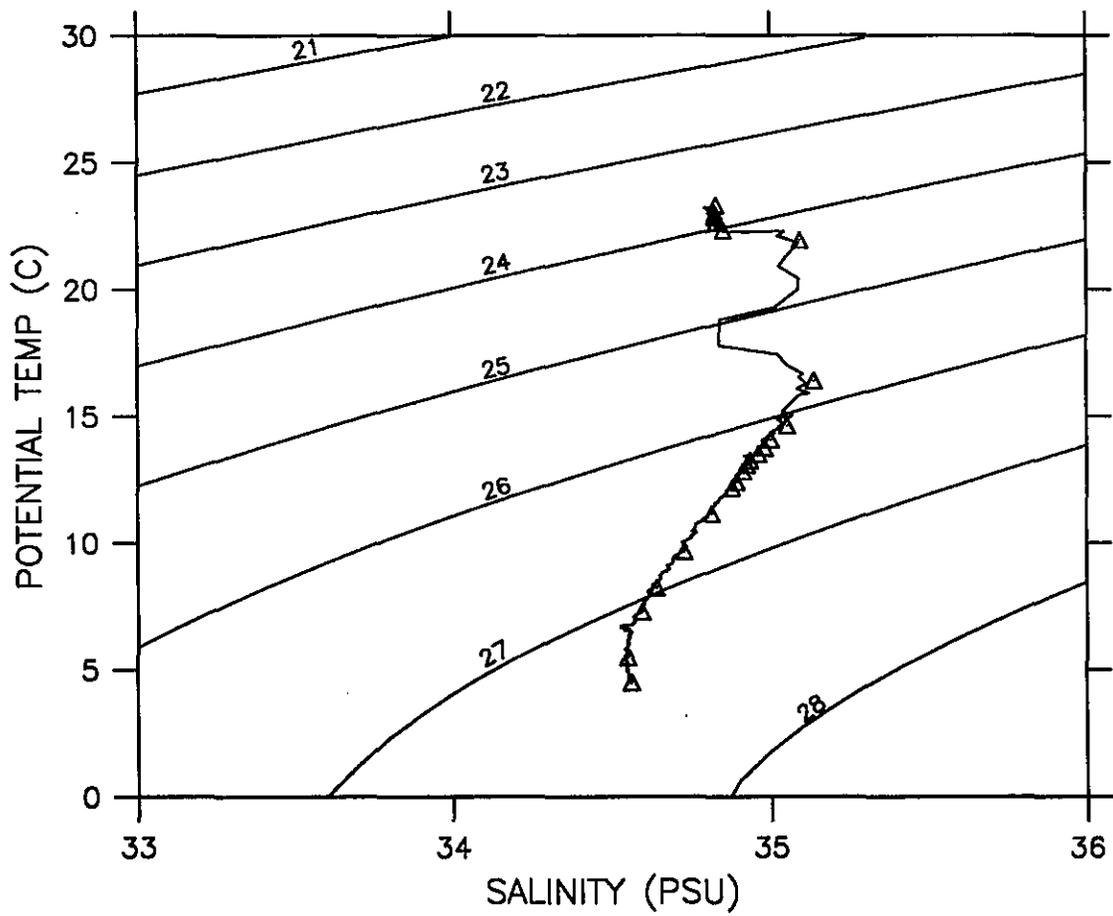
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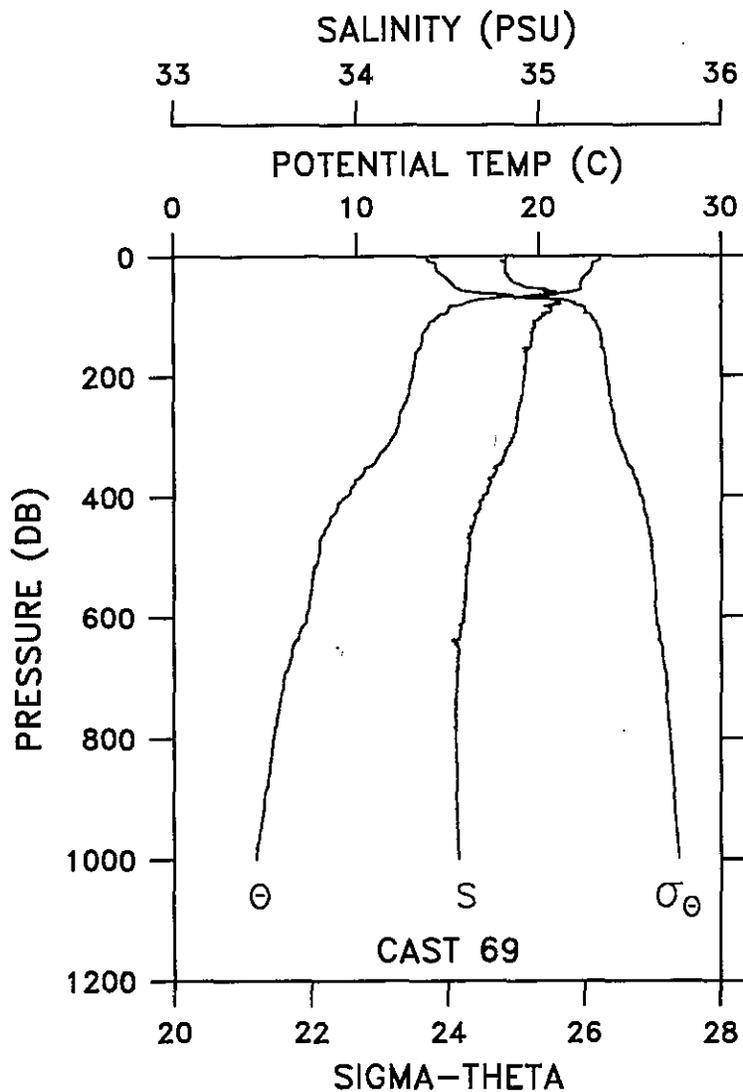
CAST EP6-92-DI -068 DATE 06 NOV 92 TIME 0546 GMT
 LAT 01 00.0S LONG 110 00.0W WEATHER 2 SEA STATE 2
 BAROMETER 13 WIND DIR 140 T SPD 07 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.2 WET 22.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.785	34.873	23.901	0.000
10	22.556	34.882	23.973	0.040
20	22.238	34.918	24.090	0.079
30	22.007	34.956	24.184	0.117
40	21.869	35.074	24.312	0.153
50	21.844	35.119	24.353	0.189
60	21.599	35.150	24.445	0.225
70	17.948	35.175	25.420	0.258
80	15.710	35.148	25.929	0.279
90	15.240	35.131	26.021	0.300
100	14.533	35.043	26.107	0.319
110	14.067	34.999	26.173	0.338
120	13.835	34.978	26.205	0.357
130	13.661	34.956	26.224	0.375
140	13.461	34.936	26.250	0.393
150	13.300	34.931	26.279	0.411
160	13.172	34.933	26.307	0.429
170	12.875	34.916	26.354	0.446
180	12.801	34.906	26.361	0.463
190	12.661	34.884	26.371	0.480
200	12.601	34.889	26.387	0.497
250	12.412	34.873	26.412	0.581
300	11.472	34.819	26.549	0.663
350	10.195	34.745	26.720	0.736
400	8.770	34.659	26.888	0.801
450	8.657	34.650	26.899	0.863
500	8.076	34.624	26.967	0.923
550	7.544	34.597	27.025	0.980
600	7.208	34.584	27.063	1.036
650	6.854	34.568	27.099	1.089
700	6.338	34.553	27.156	1.141
750	5.893	34.510	27.179	1.191
800	5.541	34.539	27.246	1.238
900	4.931	34.542	27.321	1.326
1000	4.212	34.556	27.411	1.407
1005	4.177	34.559	27.417	1.411

CAST EP6-92-DI -069 DATE 06 NOV 92 TIME 2331 GMT
LAT 02 05.6S LONG 109 54.1W



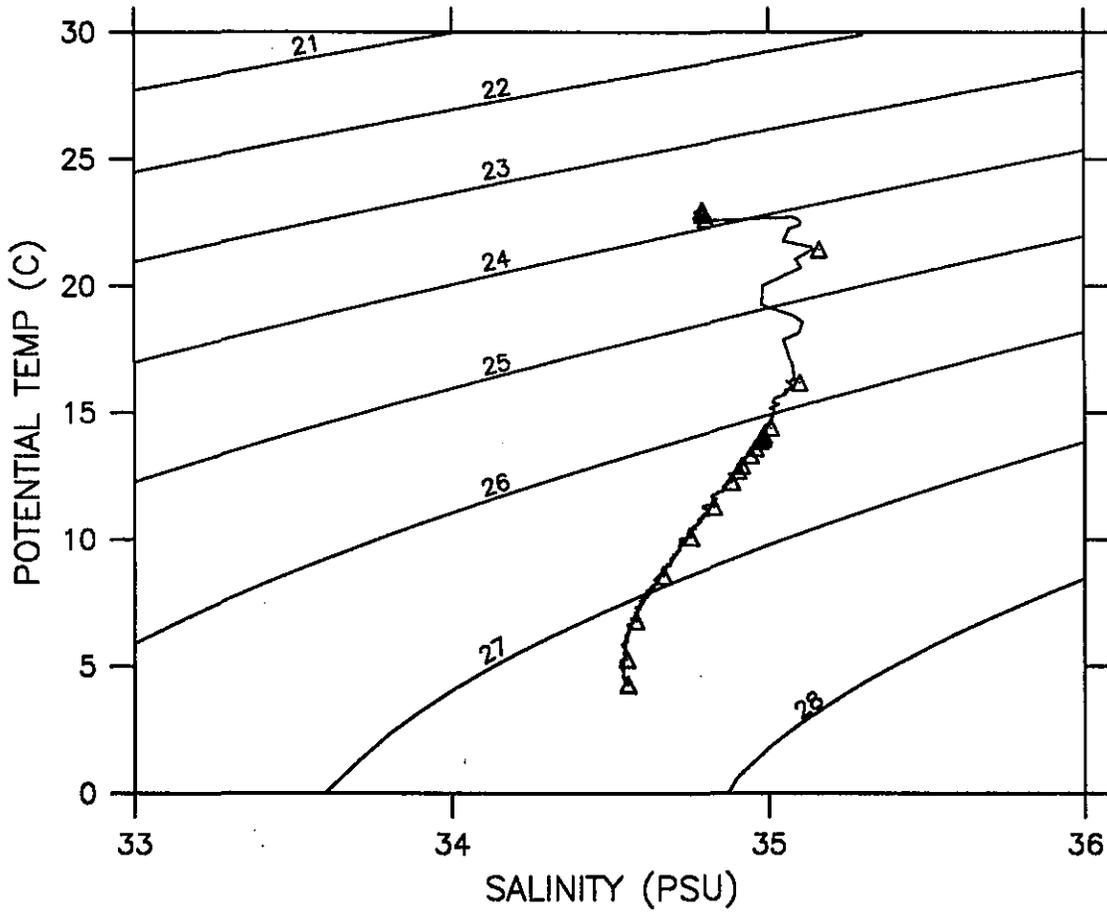
567



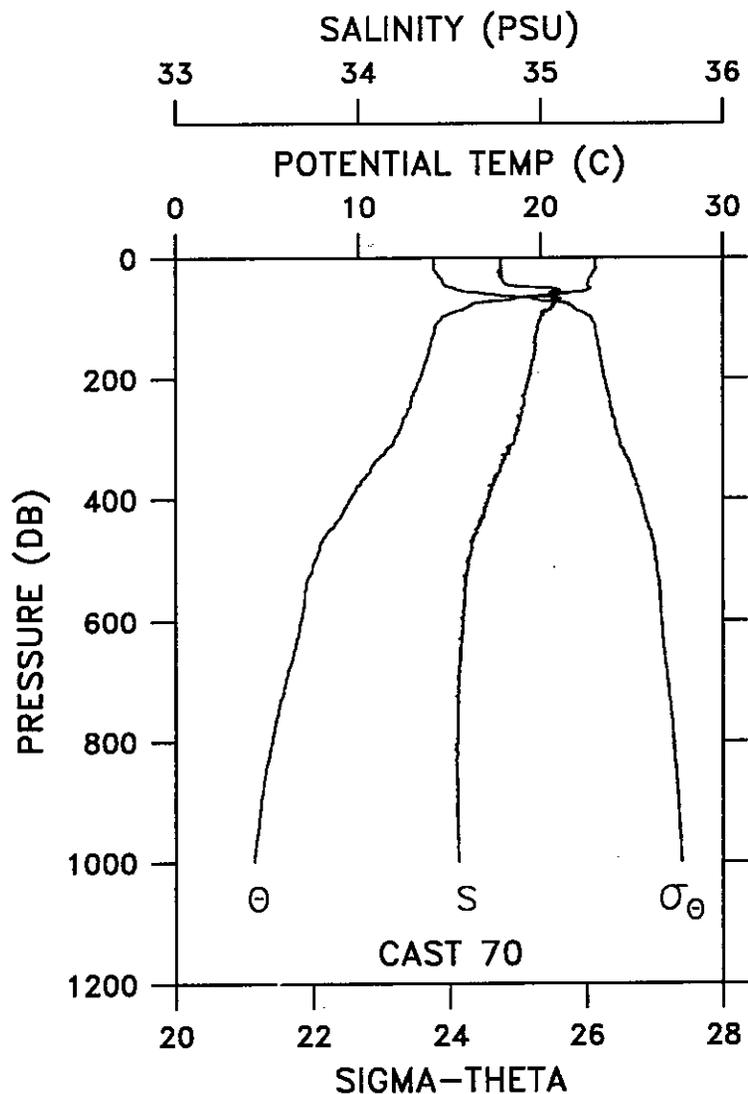
CAST EP6-92-DI-069 DATE 06 NOV 92 TIME 2331 GMT
 LAT 02 05.6S LONG 109 54.1W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 130 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.0 WET 22.2 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.366	34.820	23.693	0.000
10	23.108	34.811	23.761	0.042
20	22.897	34.819	23.828	0.083
30	22.675	34.817	23.890	0.123
40	22.343	34.842	24.003	0.163
50	22.255	34.912	24.081	0.202
60	21.832	35.088	24.333	0.239
70	17.602	34.931	25.317	0.271
80	15.888	35.121	25.867	0.294
90	15.042	35.066	26.014	0.315
100	14.485	35.027	26.105	0.335
110	14.005	34.978	26.169	0.354
120	13.867	34.976	26.197	0.372
130	13.599	34.961	26.241	0.391
140	13.584	34.962	26.245	0.409
150	13.508	34.955	26.255	0.427
160	13.275	34.920	26.276	0.445
170	13.196	34.928	26.298	0.462
180	13.155	34.925	26.305	0.480
190	13.082	34.920	26.315	0.498
200	13.041	34.918	26.322	0.515
250	12.576	34.892	26.394	0.601
300	12.006	34.857	26.478	0.684
350	10.726	34.763	26.641	0.762
400	9.367	34.690	26.816	0.830
450	8.329	34.624	26.929	0.893
500	7.893	34.610	26.983	0.951
550	7.511	34.595	27.028	1.008
600	7.273	34.586	27.055	1.063
650	6.498	34.553	27.135	1.117
700	6.009	34.547	27.194	1.166
750	5.759	34.544	27.223	1.214
800	5.428	34.540	27.260	1.260
900	4.951	34.549	27.324	1.348
1000	4.483	34.557	27.383	1.431
1001	4.479	34.558	27.384	1.431

CAST EP6-92-DI -070 DATE 07 NOV 92 TIME 0909 GMT
LAT 02 59.5S LONG 110 01.1W



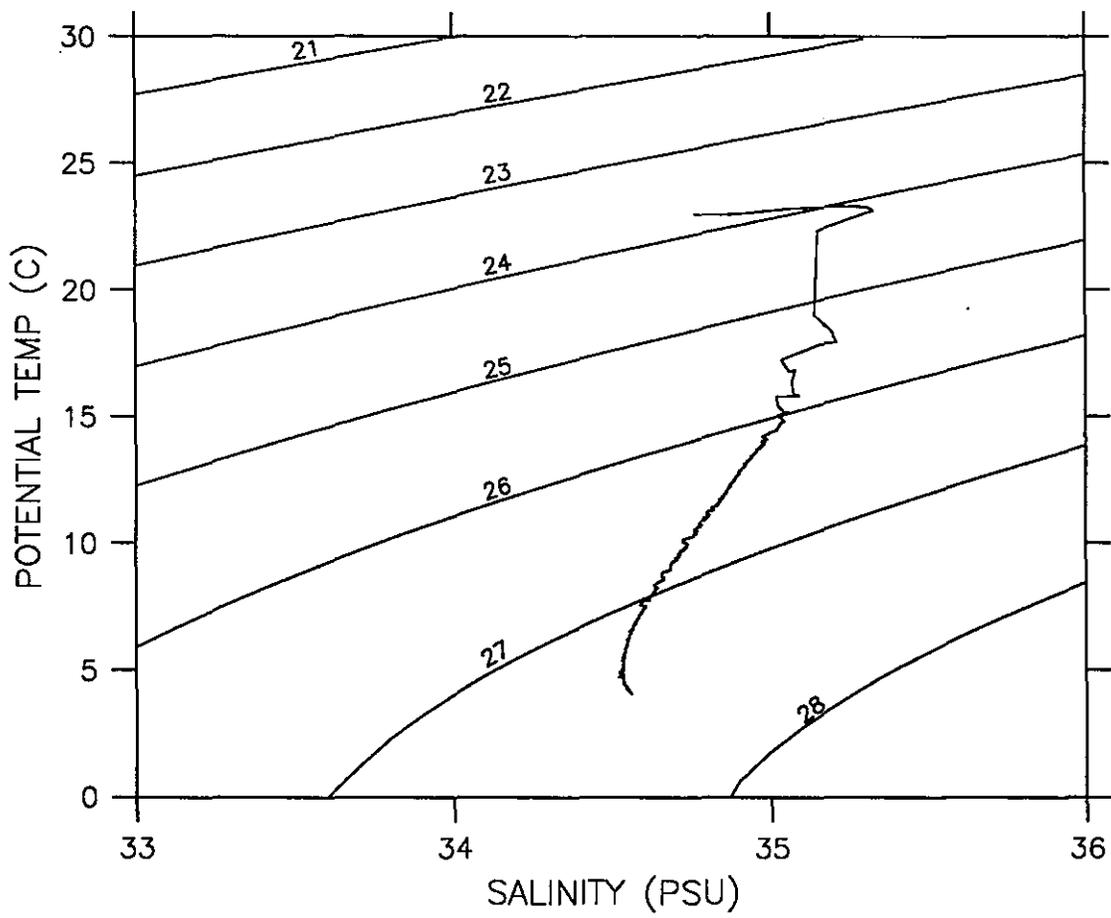
695



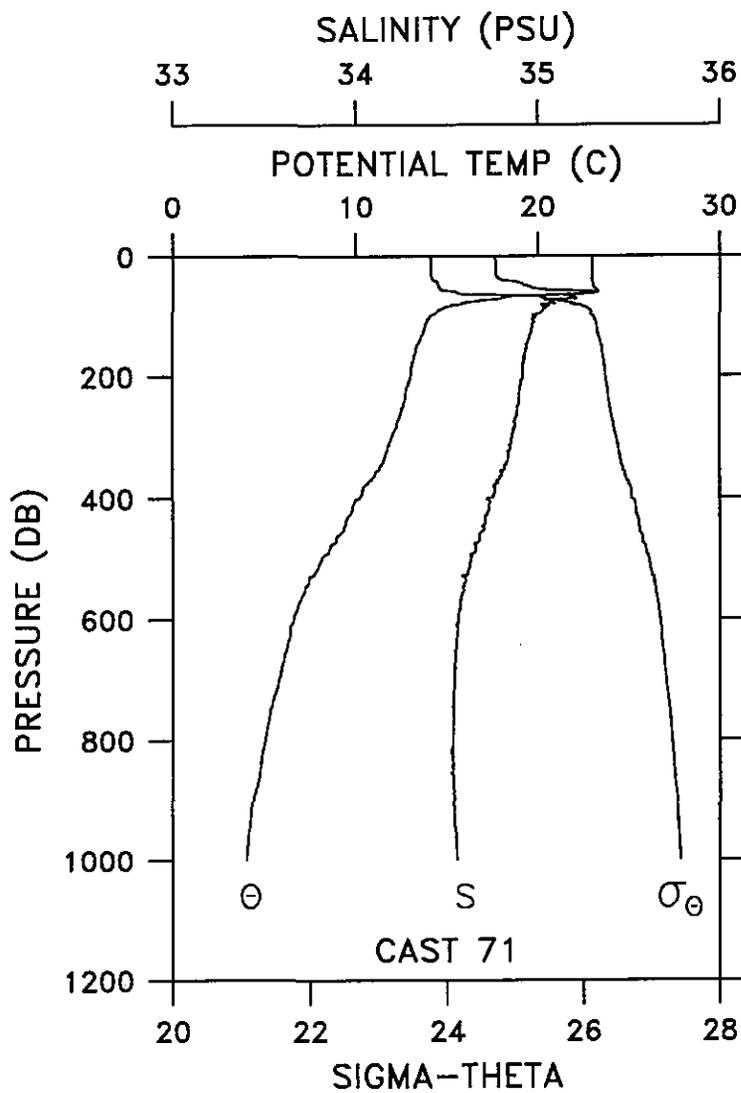
CAST EP6-92-DI -070 DATE 07 NOV 92 TIME 0909 GMT
 LAT 02 59.5S LONG 110 01.1W WEATHER 1 SEA STATE 2
 BAROMETER 10 WIND DIR 100 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.0 WET 21.5 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.001	34.780	23.768	0.000
10	22.994	34.780	23.770	0.041
20	22.978	34.774	23.770	0.083
30	22.763	34.787	23.842	0.123
40	22.594	34.796	23.897	0.164
50	22.691	35.049	24.061	0.204
60	21.057	35.088	24.547	0.241
70	18.149	35.098	25.311	0.271
80	16.052	35.070	25.790	0.294
90	15.169	35.004	25.938	0.316
100	14.536	35.001	26.074	0.336
110	14.264	34.984	26.119	0.355
120	14.173	34.982	26.137	0.374
130	14.070	34.971	26.150	0.393
140	13.986	34.971	26.168	0.412
150	13.887	34.971	26.189	0.431
160	13.823	34.966	26.198	0.450
170	13.701	34.952	26.213	0.468
180	13.582	34.949	26.235	0.487
190	13.490	34.944	26.250	0.505
200	13.375	34.935	26.267	0.523
250	12.747	34.899	26.366	0.611
300	11.986	34.859	26.483	0.695
350	10.679	34.779	26.661	0.772
400	9.538	34.713	26.806	0.841
450	8.420	34.638	26.926	0.905
500	7.604	34.605	27.022	0.962
550	7.066	34.579	27.079	1.017
600	6.826	34.571	27.105	1.070
650	6.473	34.554	27.139	1.122
700	6.012	34.550	27.196	1.171
750	5.608	34.545	27.243	1.218
800	5.263	34.543	27.282	1.263
900	4.674	34.540	27.348	1.349
1000	4.300	34.548	27.395	1.428
1002	4.298	34.548	27.396	1.430

CAST EP6-92-DI -071 DATE 07 NOV 92 TIME 1507 GMT
LAT 04 00.0S LONG 109 59.9W

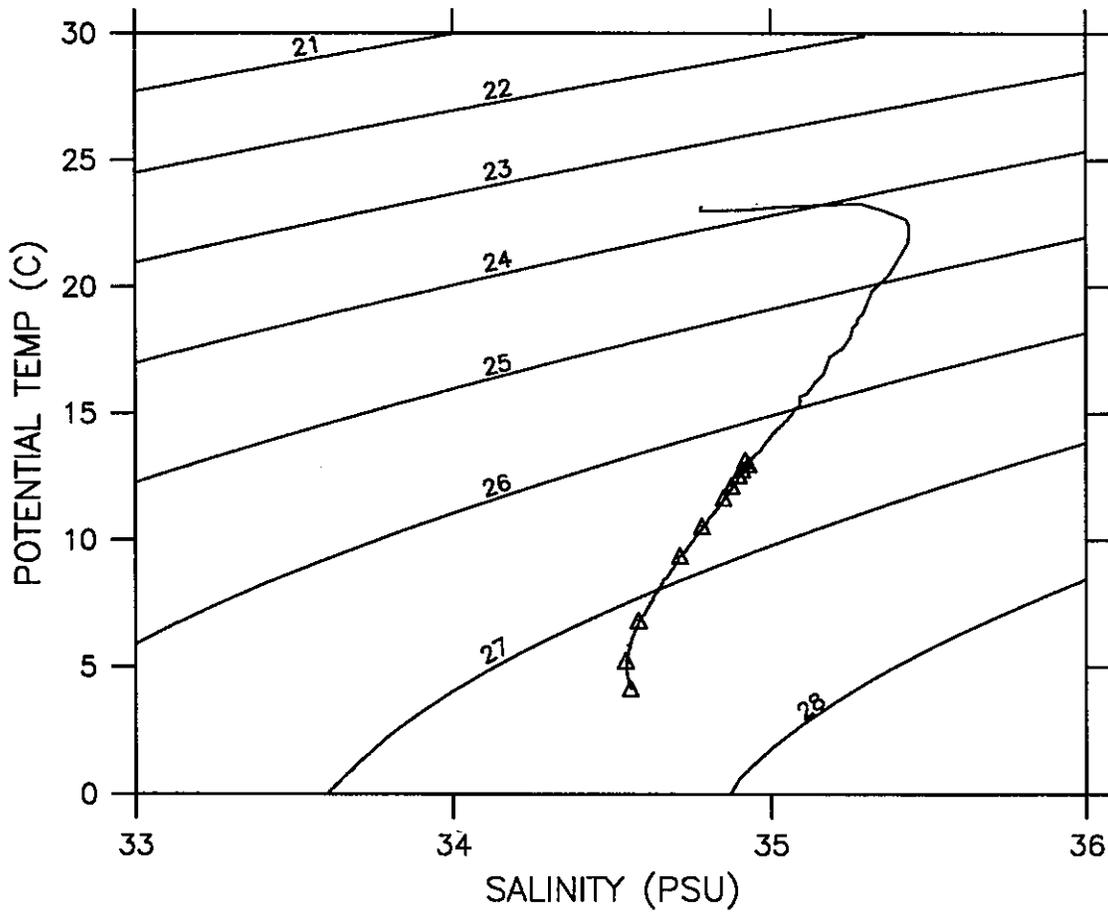


CAST EP6-92-DI -071 DATE 07 NOV 92 TIME 1507 GMT
 LAT 04 00.0S LONG 109 59.9W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 130 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.0 WET 21.4 DEPTH M

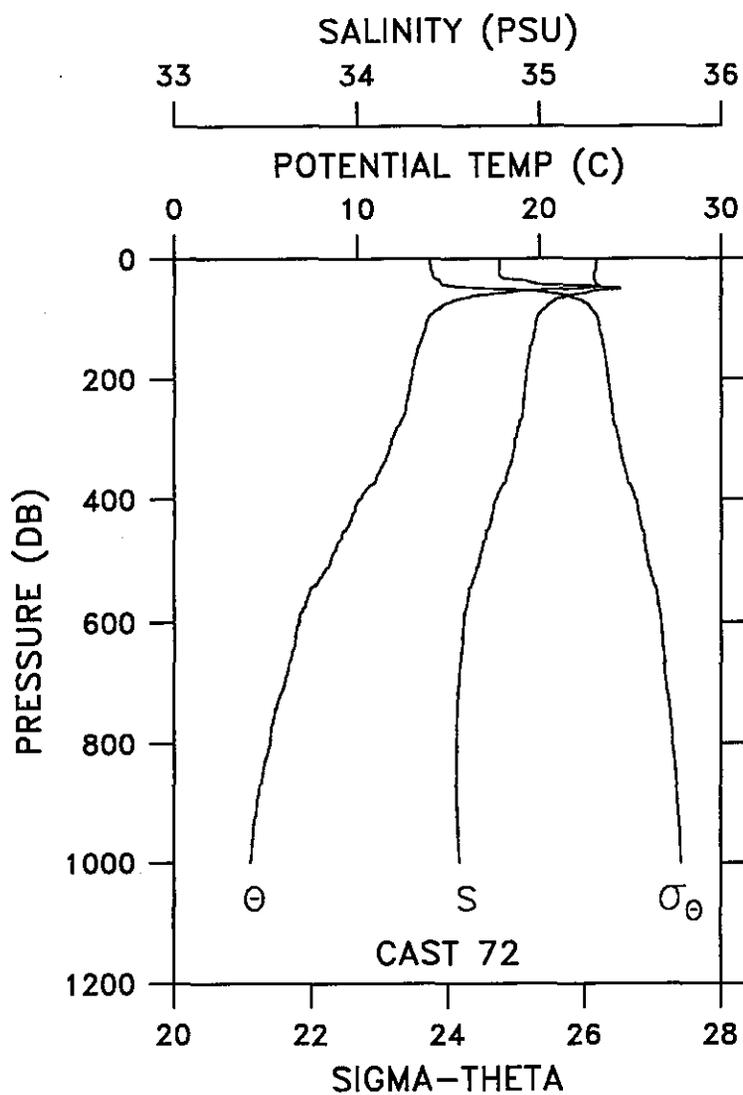


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.979	34.761	23.760	0.000
10	22.977	34.768	23.766	0.041
20	22.973	34.768	23.767	0.083
30	22.973	34.769	23.768	0.124
40	22.965	34.804	23.797	0.165
50	23.053	34.950	23.882	0.206
60	23.120	35.329	24.150	0.246
70	18.039	35.204	25.420	0.278
80	15.783	35.020	25.813	0.301
90	14.551	35.026	26.090	0.322
100	14.115	34.989	26.155	0.341
110	13.920	34.979	26.188	0.360
120	13.815	34.971	26.204	0.378
130	13.717	34.963	26.218	0.396
140	13.552	34.951	26.243	0.414
150	13.372	34.939	26.271	0.432
160	13.303	34.936	26.282	0.450
170	13.198	34.927	26.297	0.468
180	13.133	34.917	26.303	0.486
190	13.051	34.918	26.320	0.503
200	13.019	34.917	26.326	0.521
250	12.590	34.887	26.388	0.607
300	11.980	34.860	26.485	0.690
350	11.312	34.818	26.577	0.769
400	10.197	34.736	26.713	0.842
450	9.356	34.704	26.829	0.909
500	8.151	34.635	26.964	0.972
550	7.225	34.591	27.066	1.028
600	6.613	34.564	27.129	1.081
650	6.235	34.549	27.167	1.131
700	5.809	34.540	27.214	1.179
750	5.328	34.533	27.267	1.225
800	5.029	34.530	27.300	1.269
900	4.394	34.539	27.378	1.352
1000	4.056	34.557	27.428	1.428
1004	4.056	34.558	27.429	1.431

CAST EP6-92-DI -072 DATE 08 NOV 92 TIME 0454 GMT
LAT 04 00.0S LONG 109 58.4W



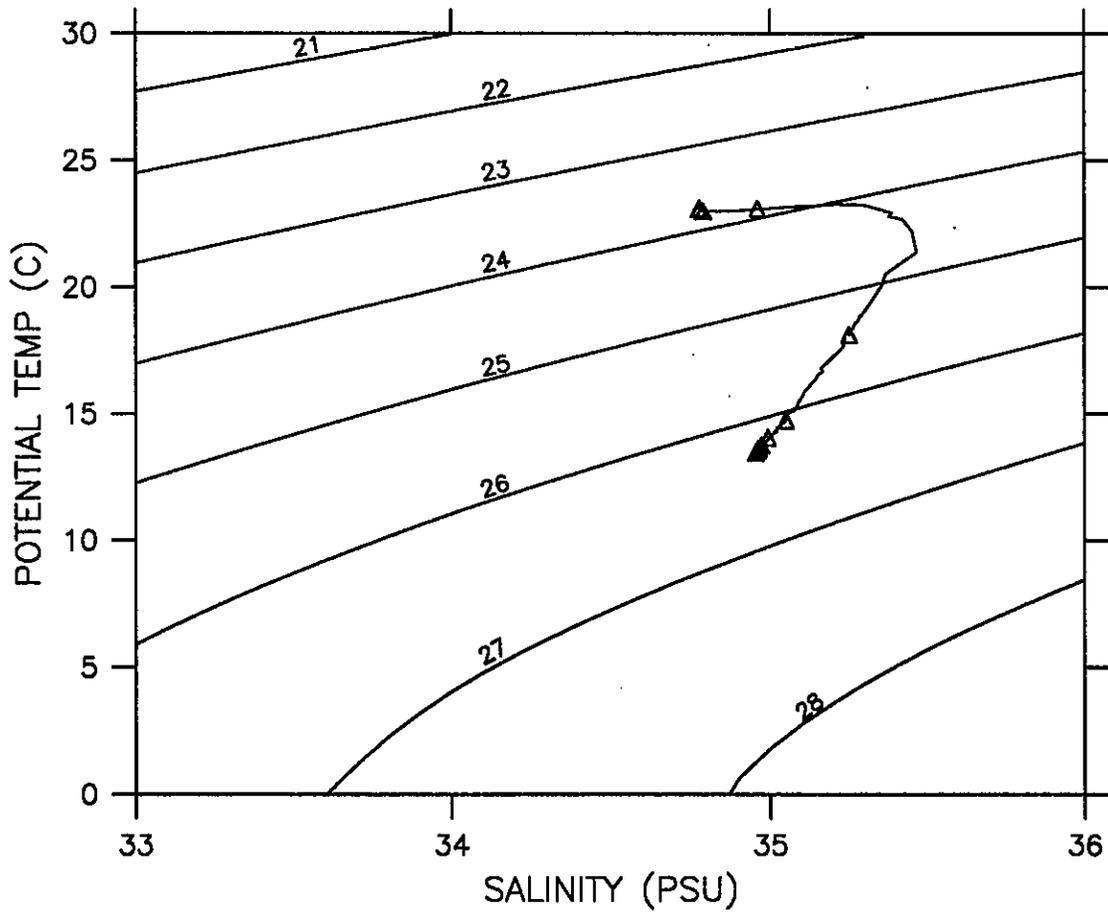
573



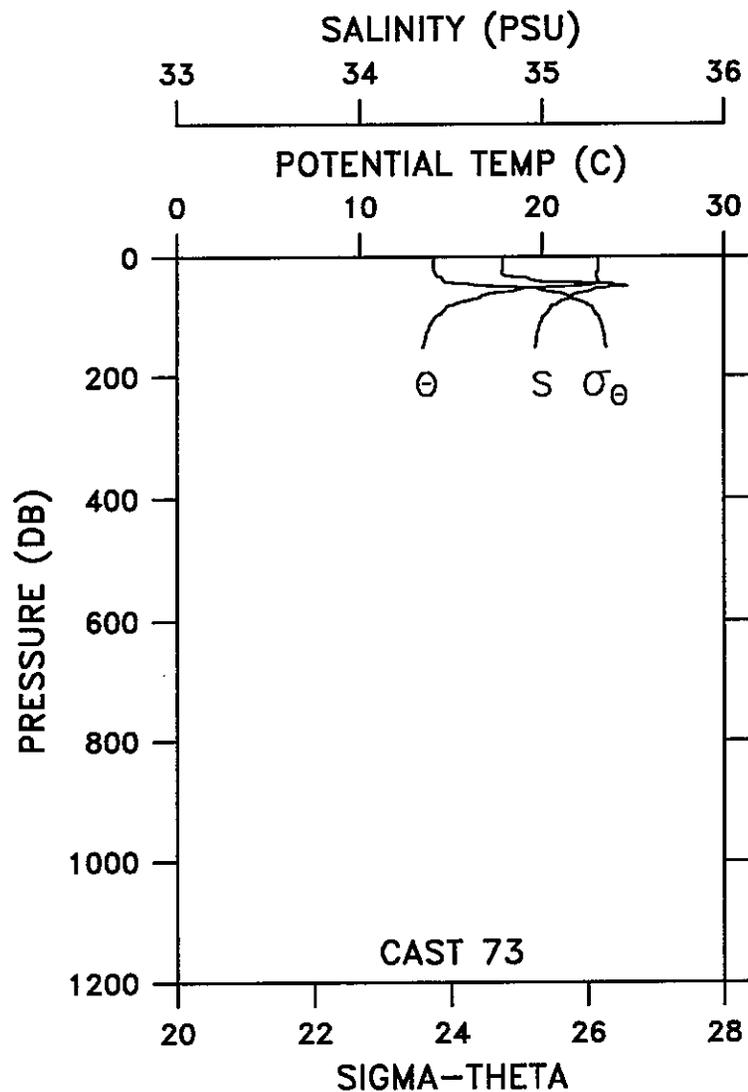
CAST EP6-92-D1-072 DATE 08 NOV 92 TIME 0454 GMT
 LAT 04 00.0S LONG 109 58.4W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 100 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.2 WET 21.8 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.156	34.781	23.724	0.000
10	23.115	34.780	23.735	0.042
20	23.065	34.778	23.748	0.083
30	22.983	34.784	23.776	0.125
40	23.071	34.963	23.886	0.165
50	21.743	35.439	24.625	0.203
60	17.183	35.186	25.615	0.230
70	15.271	35.086	25.979	0.252
80	14.649	35.042	26.082	0.272
90	14.239	35.011	26.146	0.291
100	13.925	34.991	26.197	0.309
110	13.798	34.982	26.216	0.328
120	13.733	34.978	26.226	0.346
130	13.604	34.971	26.248	0.364
140	13.474	34.962	26.267	0.382
150	13.328	34.950	26.288	0.400
160	13.270	34.946	26.298	0.417
170	13.155	34.938	26.314	0.435
180	13.102	34.934	26.322	0.452
190	13.023	34.928	26.333	0.470
200	12.966	34.924	26.342	0.487
250	12.646	34.910	26.394	0.573
300	11.945	34.870	26.499	0.655
350	11.302	34.834	26.591	0.734
400	10.134	34.763	26.744	0.807
450	9.376	34.718	26.836	0.874
500	8.571	34.673	26.930	0.936
550	7.413	34.615	27.058	0.994
600	6.822	34.587	27.118	1.047
650	6.416	34.572	27.160	1.098
700	6.047	34.561	27.200	1.147
750	5.503	34.550	27.259	1.194
800	5.242	34.548	27.289	1.238
900	4.561	34.549	27.368	1.321
1000	4.163	34.562	27.421	1.398
1003	4.146	34.562	27.423	1.401

CAST EP6-92-DI -073 DATE 08 NOV 92 TIME 0649 GMT
LAT 04 00.0S LONG 109 58.5W



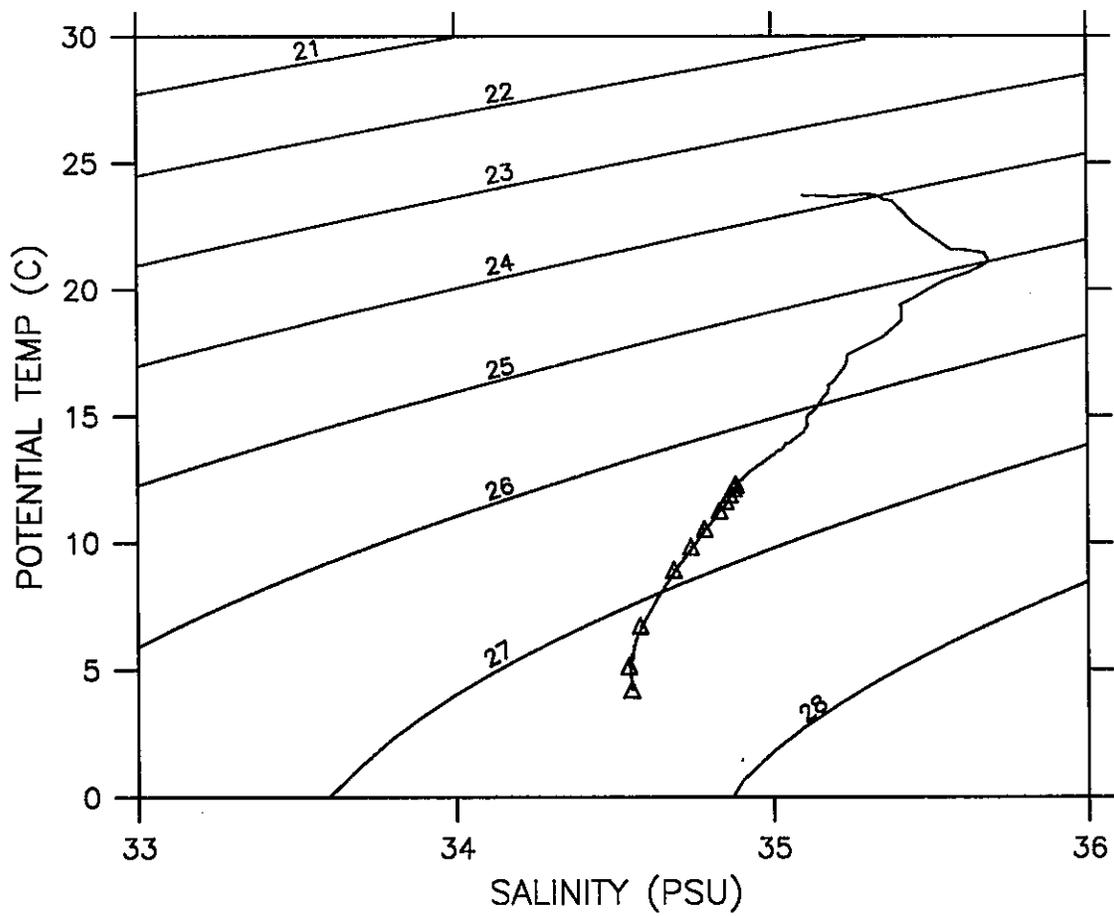
575



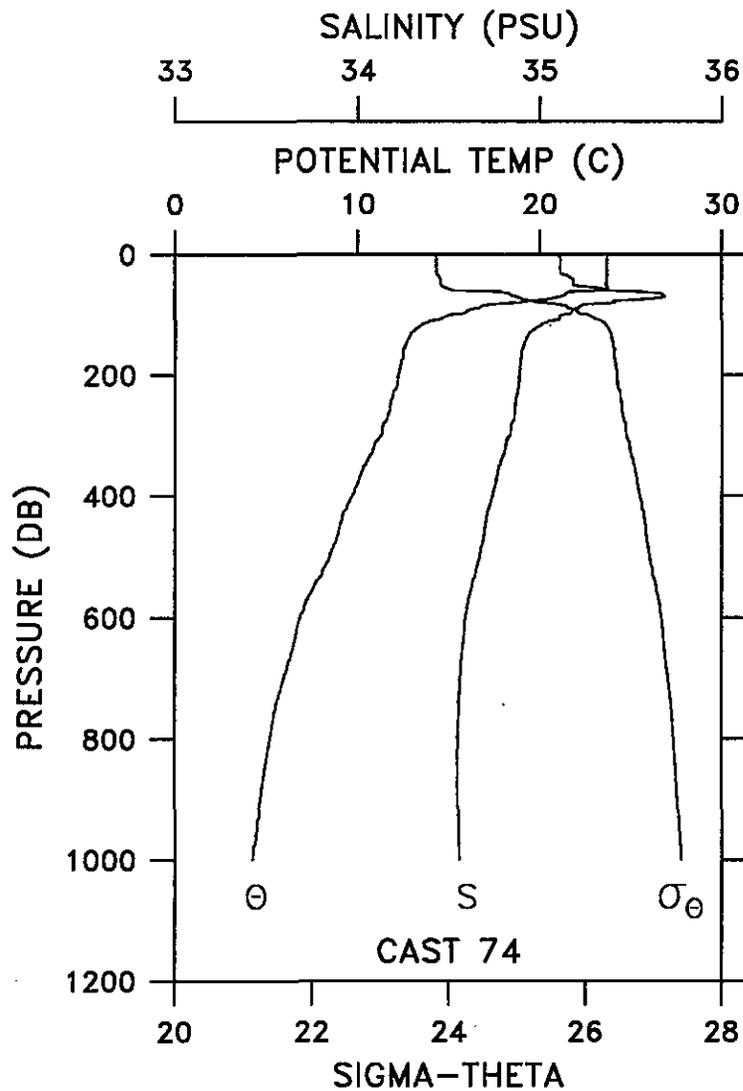
CAST EP6-92-D1-073 DATE 08 NOV 92 TIME 0649 GMT
 LAT 04 00.0S LONG 109 58.5W WEATHER 2 SEA STATE 2
 BAROMETER 10 WIND DIR 120 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.0 WET 21.5 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.086	34.782	23.745	0.000
10	23.088	34.781	23.744	0.041
20	23.090	34.781	23.743	0.083
30	22.982	34.783	23.776	0.124
40	23.057	34.954	23.884	0.165
50	21.380	35.469	24.748	0.203
60	17.673	35.235	25.533	0.230
70	16.485	35.152	25.753	0.254
80	15.198	35.079	25.990	0.275
90	14.621	35.038	26.085	0.295
100	14.180	35.005	26.154	0.314
110	13.947	34.993	26.193	0.332
120	13.781	34.981	26.219	0.351
130	13.635	34.972	26.242	0.369
140	13.569	34.969	26.253	0.387
150	13.487	34.963	26.266	0.405
152	13.450	34.960	26.271	0.408

CAST EP6-92-DI -074 DATE 08 NOV 92 TIME 1154 GMT
LAT 04 59.9S LONG 110 02.1W



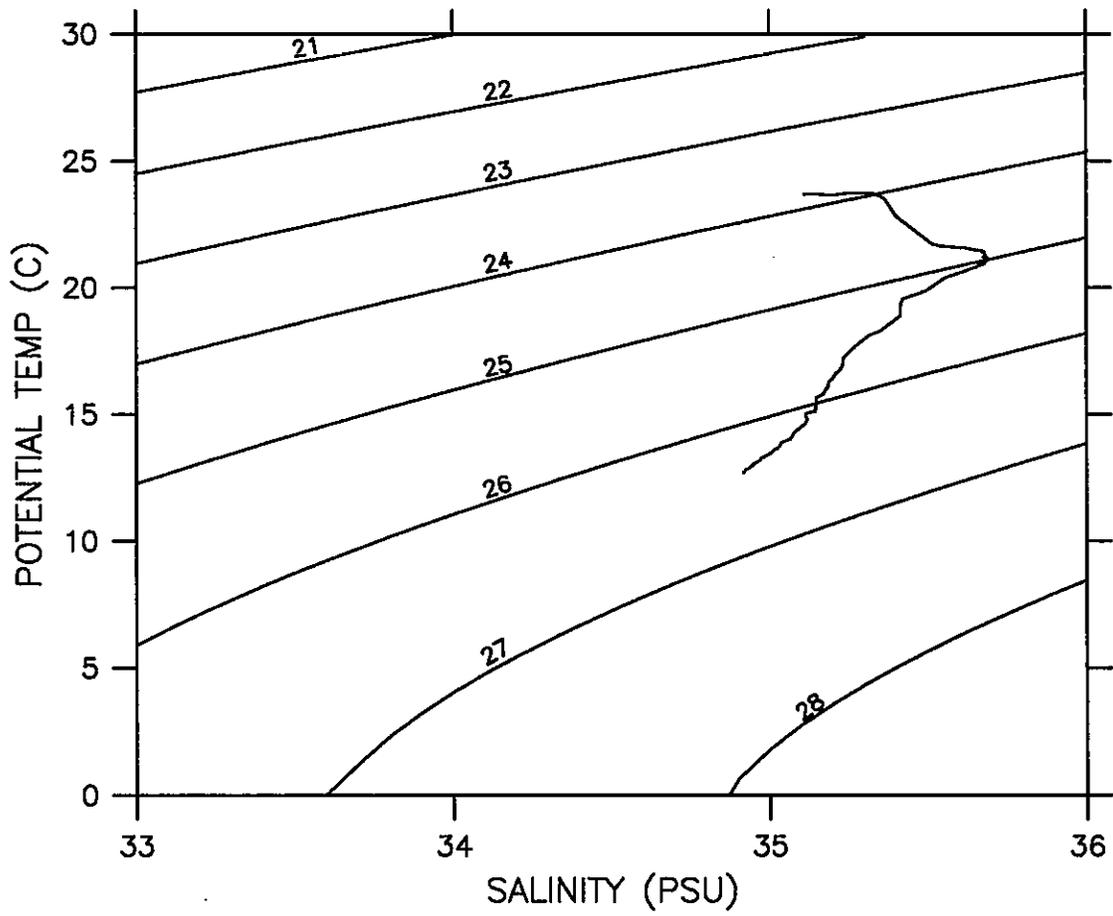
CAST EP6-92-D1-074 DATE 08 NOV 92 TIME 1154 GMT
 LAT 04 59.9S LONG 110 02.1W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 105 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.8 WET 20.9 DEPTH M



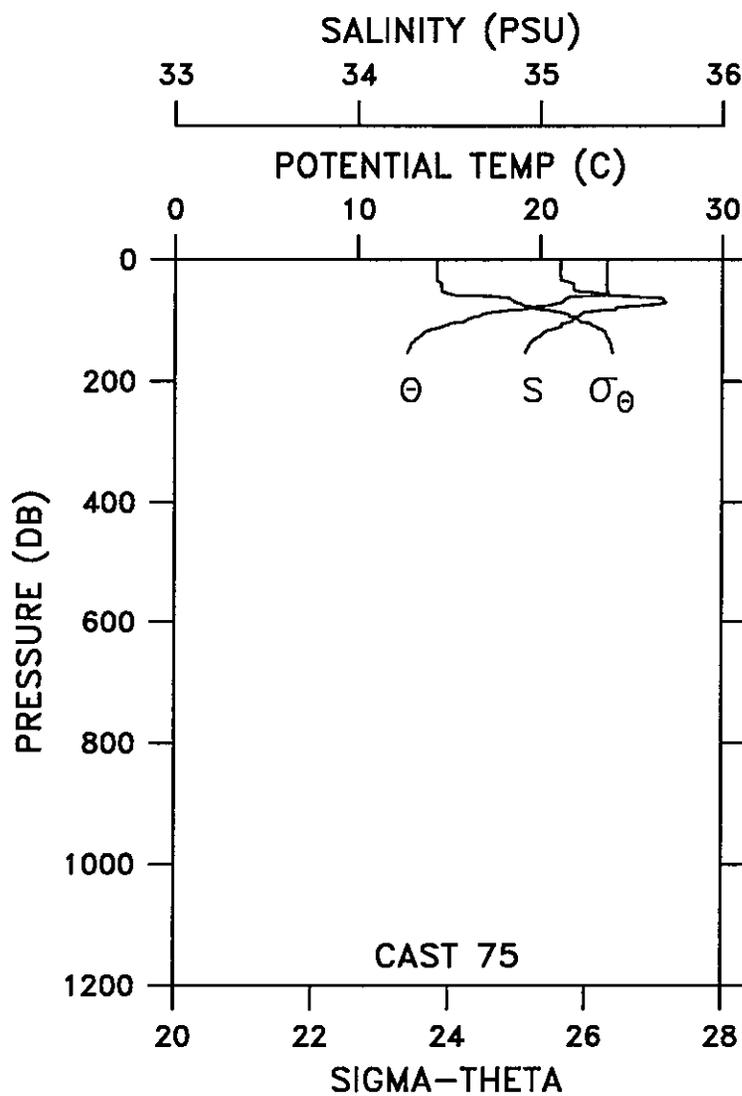
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.709	35.100	23.805	0.000
10	23.702	35.114	23.817	0.041
20	23.698	35.113	23.818	0.082
30	23.698	35.114	23.818	0.122
40	23.682	35.177	23.871	0.163
50	23.651	35.184	23.885	0.203
60	23.500	35.382	24.080	0.243
70	21.095	35.688	24.994	0.275
80	18.774	35.410	25.393	0.303
90	16.407	35.199	25.807	0.327
100	15.074	35.118	26.047	0.348
110	13.956	35.056	26.240	0.367
120	13.326	34.985	26.316	0.385
130	12.897	34.937	26.366	0.402
140	12.743	34.921	26.384	0.418
150	12.602	34.909	26.402	0.435
160	12.469	34.899	26.421	0.452
170	12.459	34.898	26.422	0.468
180	12.352	34.891	26.437	0.484
190	12.289	34.889	26.448	0.501
200	12.210	34.885	26.460	0.517
250	11.771	34.863	26.527	0.596
300	11.280	34.836	26.597	0.673
350	10.351	34.778	26.718	0.746
400	9.699	34.739	26.800	0.814
450	9.005	34.698	26.881	0.878
500	8.465	34.668	26.943	0.940
550	7.596	34.624	27.038	0.998
600	6.833	34.591	27.120	1.051
650	6.457	34.576	27.159	1.102
700	5.954	34.560	27.211	1.151
750	5.517	34.555	27.261	1.197
800	5.191	34.550	27.297	1.241
900	4.691	34.548	27.352	1.325
1000	4.228	34.559	27.412	1.404
1002	4.220	34.559	27.413	1.406

577

CAST EP6-92-DI -075 DATE 08 NOV 92 TIME 1345 GMT
LAT 04 59.9S LONG 110 01.7W



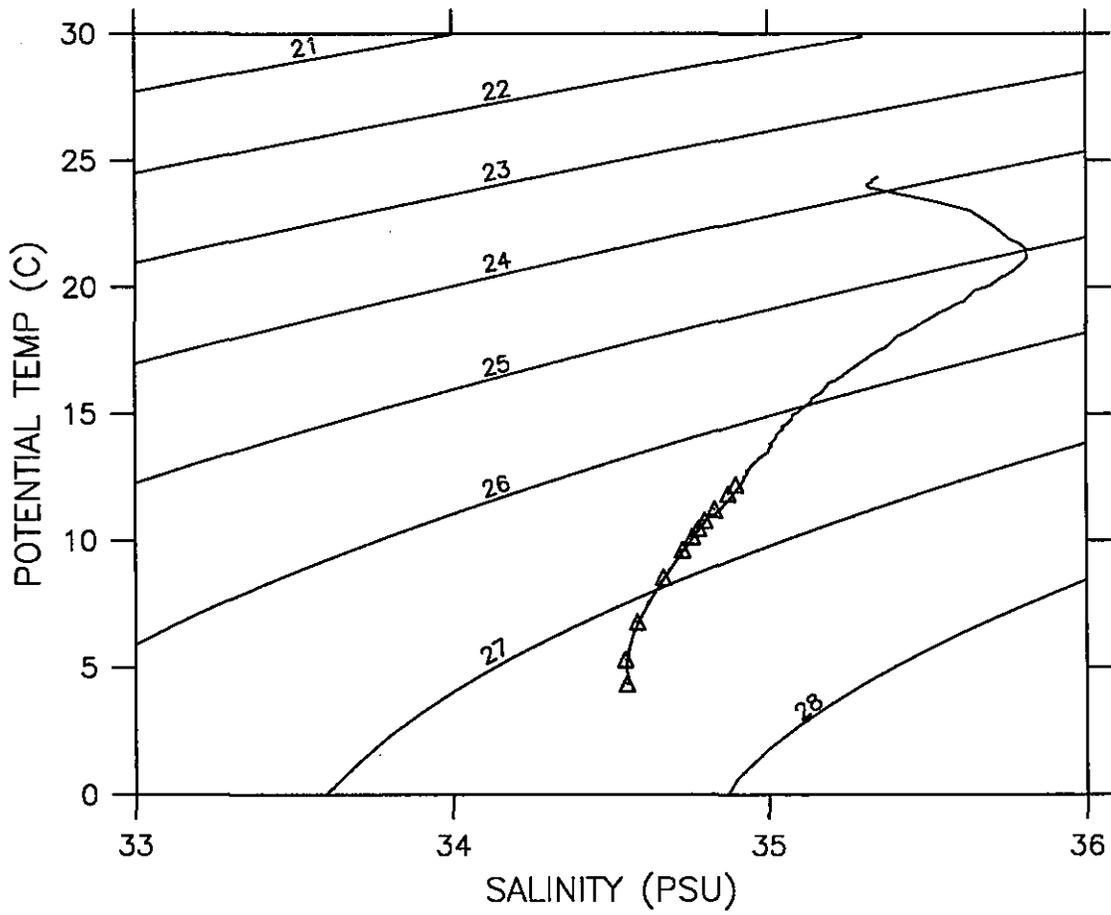
CAST EP6-92-DI -075 DATE 08 NOV 92 TIME 1345 GMT
 LAT 04 59.9S LONG 110 01.7W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 105 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.1 WET 21.0 DEPTH M



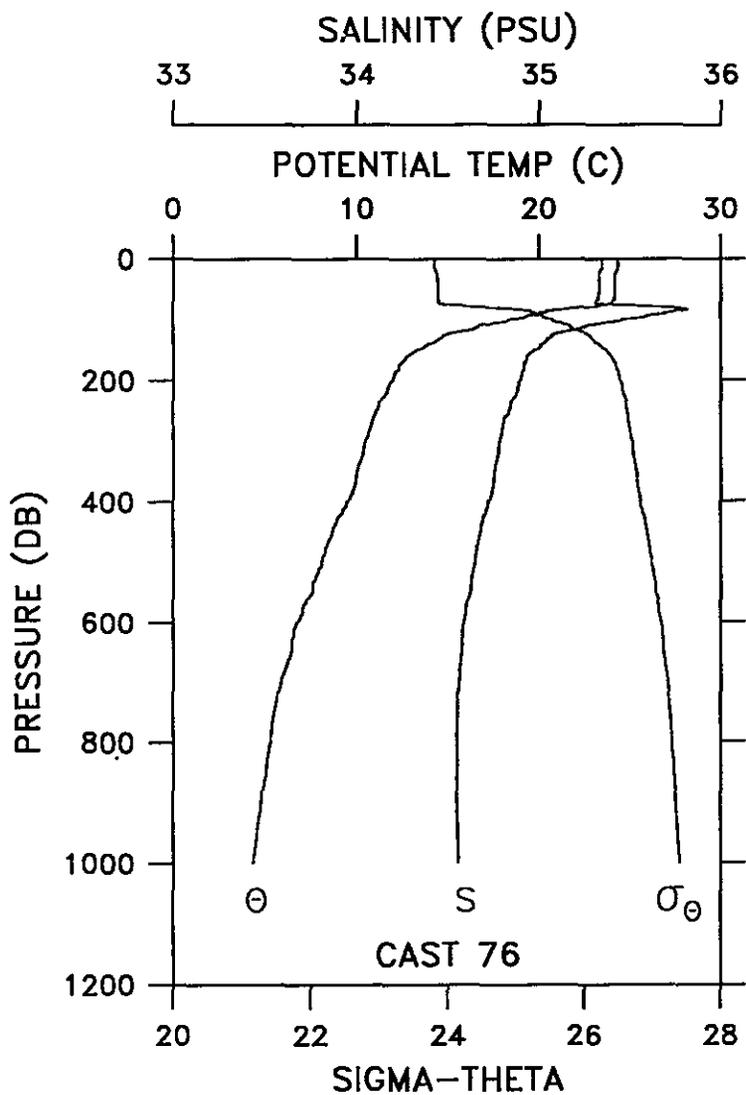
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.683	35.113	23.822	0.000
10	23.674	35.112	23.824	0.041
20	23.679	35.111	23.822	0.081
30	23.684	35.115	23.823	0.122
40	23.655	35.183	23.883	0.163
50	23.649	35.190	23.890	0.203
60	21.720	35.513	24.687	0.242
70	21.200	35.674	24.954	0.273
80	19.356	35.414	25.247	0.302
90	16.753	35.223	25.745	0.327
100	15.922	35.176	25.901	0.349
110	14.611	35.111	26.143	0.369
120	13.596	35.014	26.283	0.387
130	13.196	34.971	26.332	0.404
140	12.881	34.935	26.367	0.421
150	12.742	34.920	26.383	0.438
153	12.698	34.918	26.390	0.443

579

CAST EP6-92-DI -076 DATE 08 NOV 92 TIME 2339 GMT
LAT 06 00.0S LONG 110 00.0W

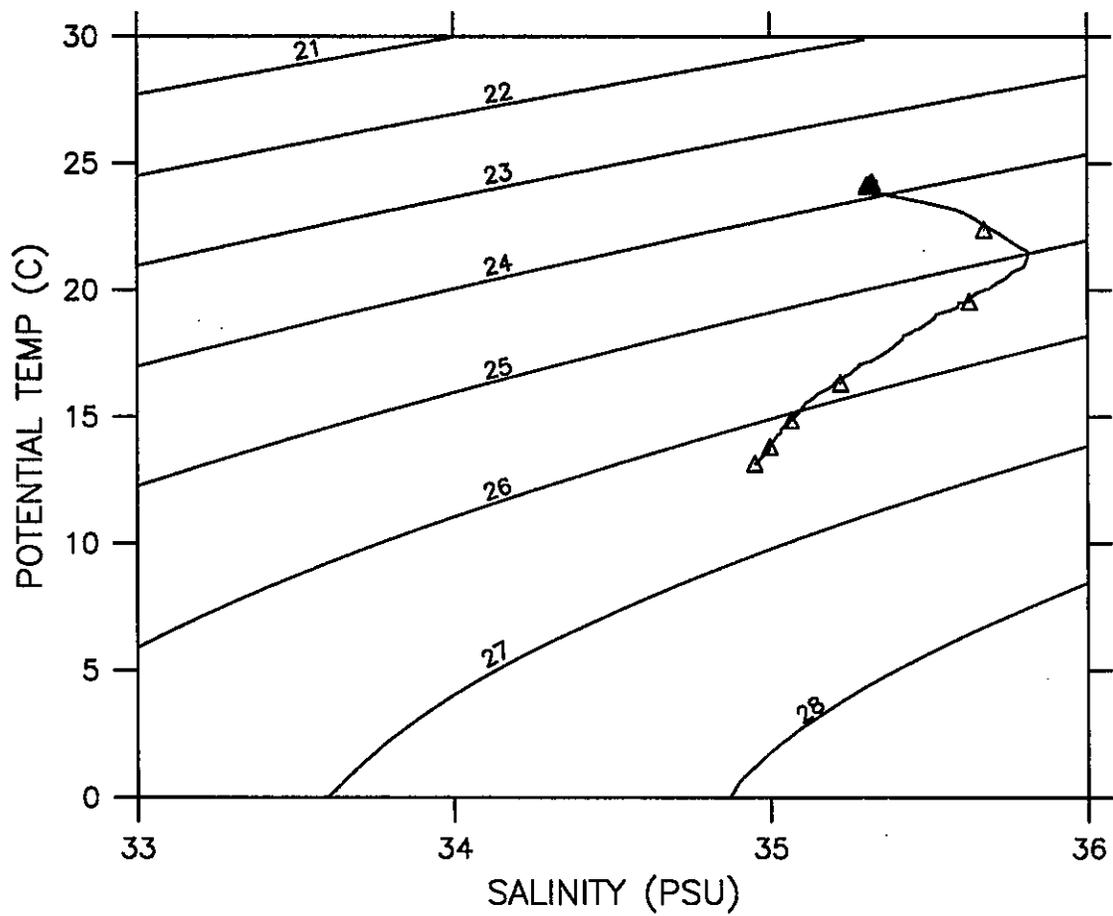


CAST EP6-92-DI -076 DATE 08 NOV 92 TIME 2339 GMT
 LAT 06 00.0S LONG 110 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 095 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.0 WET 21.0 DEPTH M

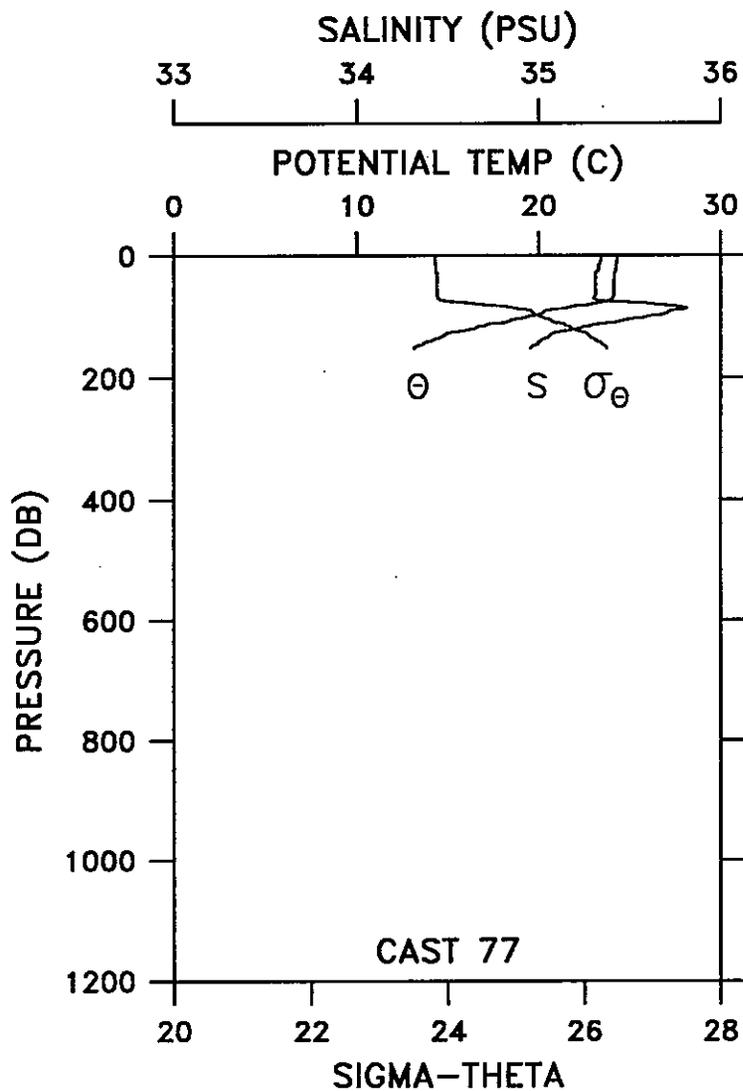


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.348	35.345	23.801	0.000
10	24.352	35.348	23.802	0.041
20	24.260	35.336	23.820	0.082
30	24.165	35.329	23.843	0.123
40	24.151	35.330	23.848	0.163
50	24.142	35.330	23.851	0.204
60	24.130	35.326	23.851	0.244
70	24.060	35.315	23.864	0.285
80	22.405	35.715	24.648	0.324
90	20.004	35.688	25.287	0.353
100	18.382	35.463	25.533	0.379
110	16.740	35.258	25.775	0.403
120	15.459	35.136	25.975	0.424
130	14.573	35.056	26.109	0.444
140	13.918	35.016	26.218	0.463
150	13.265	34.970	26.317	0.481
160	12.760	34.931	26.388	0.498
170	12.458	34.924	26.442	0.515
180	12.301	34.917	26.467	0.531
190	12.081	34.905	26.501	0.546
200	11.928	34.897	26.524	0.562
250	11.090	34.838	26.633	0.637
300	10.484	34.785	26.700	0.709
350	9.987	34.755	26.763	0.778
400	9.486	34.726	26.825	0.845
450	8.689	34.680	26.917	0.908
500	8.113	34.649	26.982	0.967
550	7.562	34.622	27.042	1.024
600	6.732	34.587	27.130	1.077
650	6.421	34.576	27.163	1.127
700	5.859	34.560	27.223	1.175
750	5.524	34.554	27.260	1.221
800	5.301	34.549	27.283	1.266
900	4.796	34.551	27.343	1.351
1000	4.355	34.556	27.396	1.432
1003	4.332	34.555	27.397	1.434

CAST EP6-92-DI -077 DATE 09 NOV 92 TIME 0128 GMT
LAT 05 59.9S LONG 110 00.0W



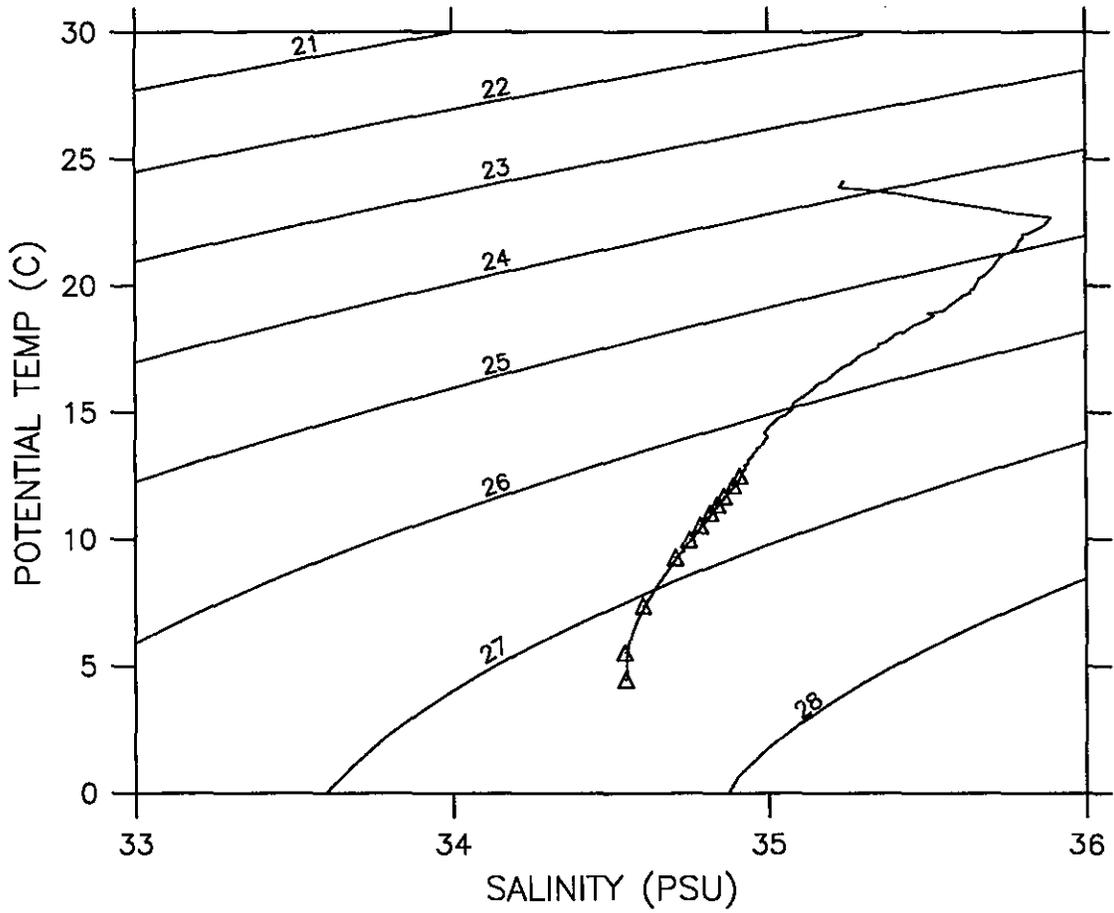
CAST EP6-92-DI -077 DATE 09 NOV 92 TIME 0128 GMT
 LAT 05 59.9S LONG 110 00.0W WEATHER 2 SEA STATE 3
 BAROMETER 12 WIND DIR 100 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.2 WET 22.0 DEPTH M



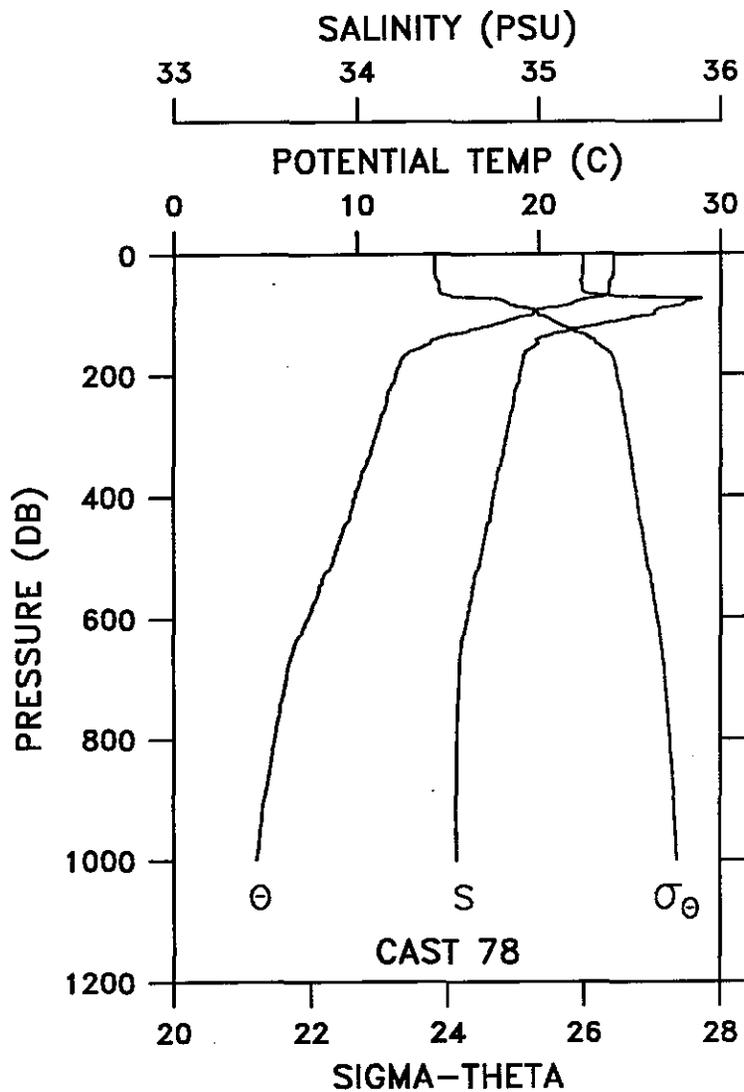
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.289	35.340	23.815	0.000
10	24.283	35.337	23.814	0.041
20	24.238	35.329	23.822	0.082
30	24.138	35.312	23.839	0.122
40	24.125	35.310	23.841	0.163
50	24.116	35.310	23.843	0.204
60	24.120	35.313	23.845	0.245
70	24.043	35.301	23.858	0.285
80	22.820	35.645	24.477	0.324
90	20.448	35.740	25.208	0.355
100	19.502	35.592	25.346	0.382
110	18.059	35.418	25.579	0.407
120	16.491	35.217	25.802	0.430
130	14.841	35.063	26.056	0.451
140	14.025	35.008	26.189	0.470
150	13.204	34.959	26.321	0.488
152	13.150	34.954	26.328	0.492

583

CAST EP6-92-DI -078 DATE 09 NOV 92 TIME 1029 GMT
LAT 08 00.0S LONG 110 00.0W

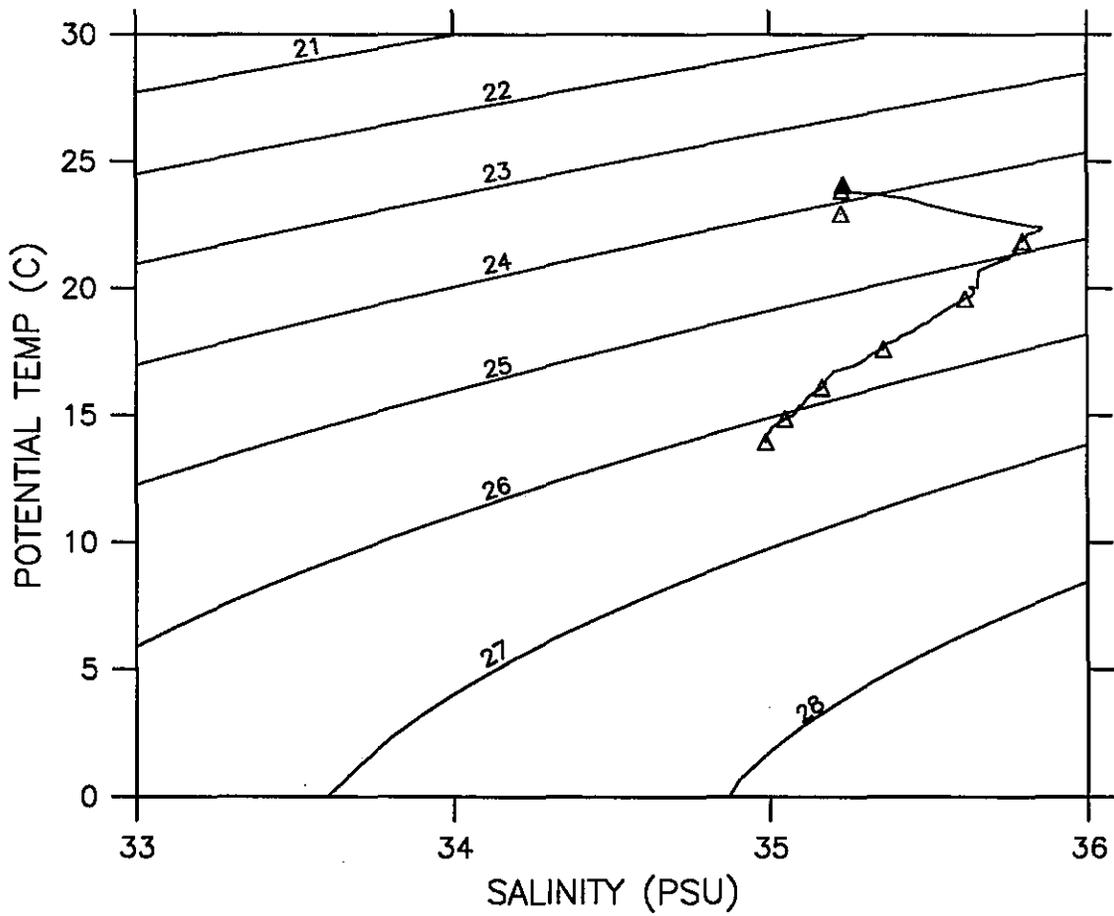


CAST EP6-92-DI -078 DATE 09 NOV 92 TIME 1029 GMT
 LAT 08 00.0S LONG 110 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 080 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.6 WET 21.5 DEPTH M

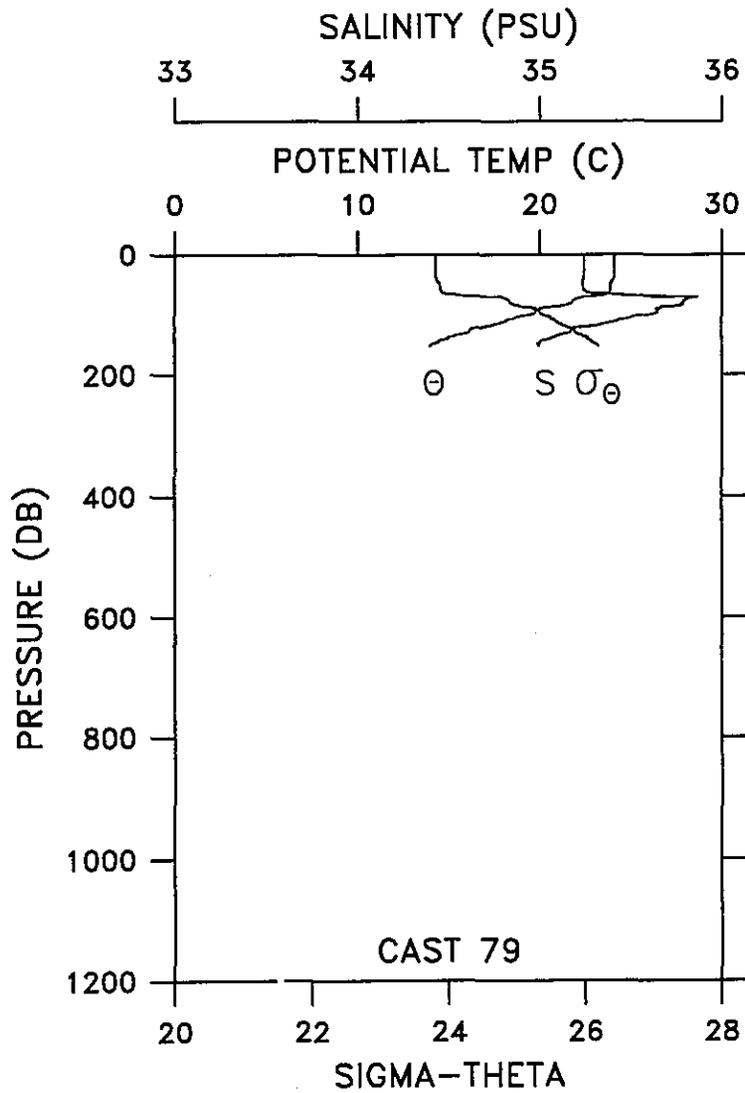


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.085	35.236	23.797	0.000
10	24.085	35.241	23.801	0.041
20	24.090	35.240	23.798	0.082
30	24.087	35.241	23.800	0.123
40	24.006	35.235	23.820	0.164
50	23.865	35.233	23.860	0.205
60	23.843	35.236	23.868	0.245
70	23.646	35.384	24.038	0.285
80	21.905	35.805	24.858	0.319
90	20.365	35.682	25.186	0.349
100	19.705	35.639	25.329	0.376
110	18.358	35.450	25.529	0.402
120	17.199	35.288	25.689	0.426
130	15.759	35.126	25.900	0.448
140	14.449	35.003	26.095	0.469
150	13.836	34.985	26.211	0.487
160	12.965	34.937	26.352	0.505
170	12.569	34.915	26.414	0.522
180	12.394	34.909	26.443	0.538
190	12.236	34.901	26.468	0.555
200	12.143	34.895	26.481	0.571
250	11.596	34.859	26.556	0.649
300	11.024	34.821	26.632	0.724
350	10.502	34.788	26.700	0.796
400	9.927	34.752	26.771	0.865
450	9.303	34.714	26.845	0.932
500	8.731	34.681	26.911	0.995
550	7.943	34.634	26.995	1.055
600	7.316	34.605	27.064	1.111
650	6.570	34.574	27.142	1.163
700	6.163	34.563	27.187	1.213
750	5.795	34.554	27.227	1.261
800	5.489	34.551	27.262	1.307
900	4.948	34.549	27.324	1.395
1000	4.513	34.552	27.375	1.478
1001	4.491	34.553	27.379	1.478

CAST EP6-92-DI -079 DATE 09 NOV 92 TIME 1219 GMT
LAT 07 59.7S LONG 110 00.2W



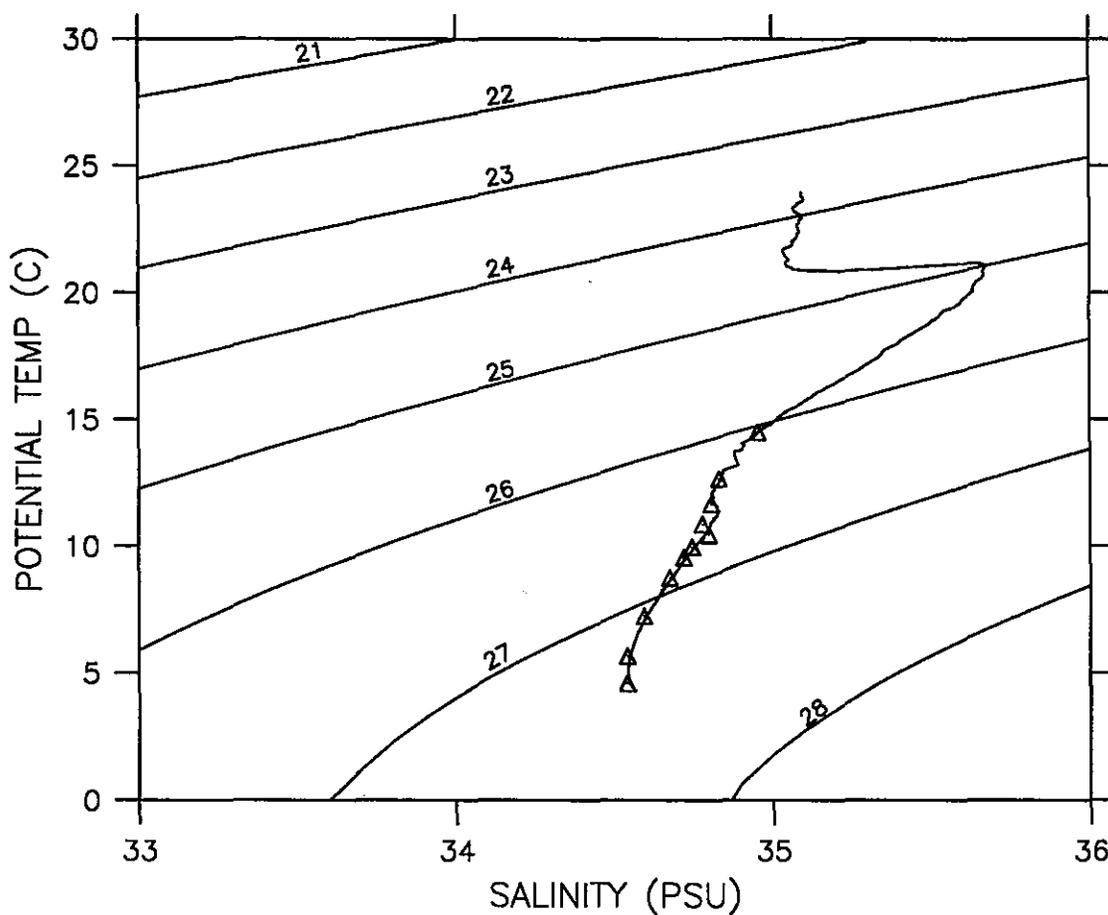
587



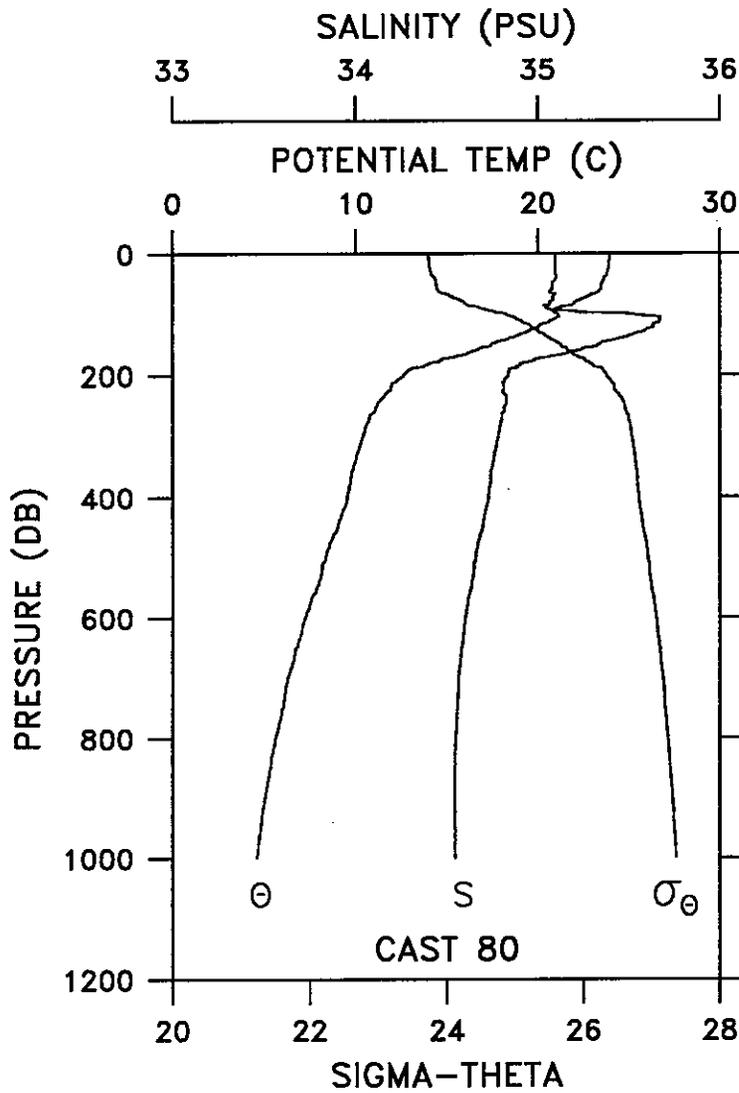
CAST EP6-92-DI -079 DATE 09 NOV 92 TIME 1219 GMT
 LAT 07 59.7S LONG 110 00.2W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 105 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.0 WET 20.3 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.080	35.242	23.803	0.000
10	24.078	35.242	23.804	0.041
20	24.076	35.242	23.804	0.082
30	24.078	35.240	23.802	0.123
40	24.041	35.238	23.812	0.164
50	23.862	35.231	23.859	0.205
60	23.833	35.239	23.874	0.245
70	22.941	35.620	24.423	0.284
80	21.753	35.784	24.884	0.316
90	20.030	35.659	25.258	0.346
100	19.577	35.617	25.345	0.373
110	18.206	35.434	25.554	0.398
120	17.089	35.287	25.715	0.422
130	16.095	35.165	25.853	0.444
140	14.956	35.057	26.026	0.465
150	14.055	34.993	26.171	0.485
152	13.982	34.994	26.187	0.489

CAST EP6-92-DI -080 DATE 10 NOV 92 TIME 0233 GMT
LAT 10 00.0S LONG 110 00.1W

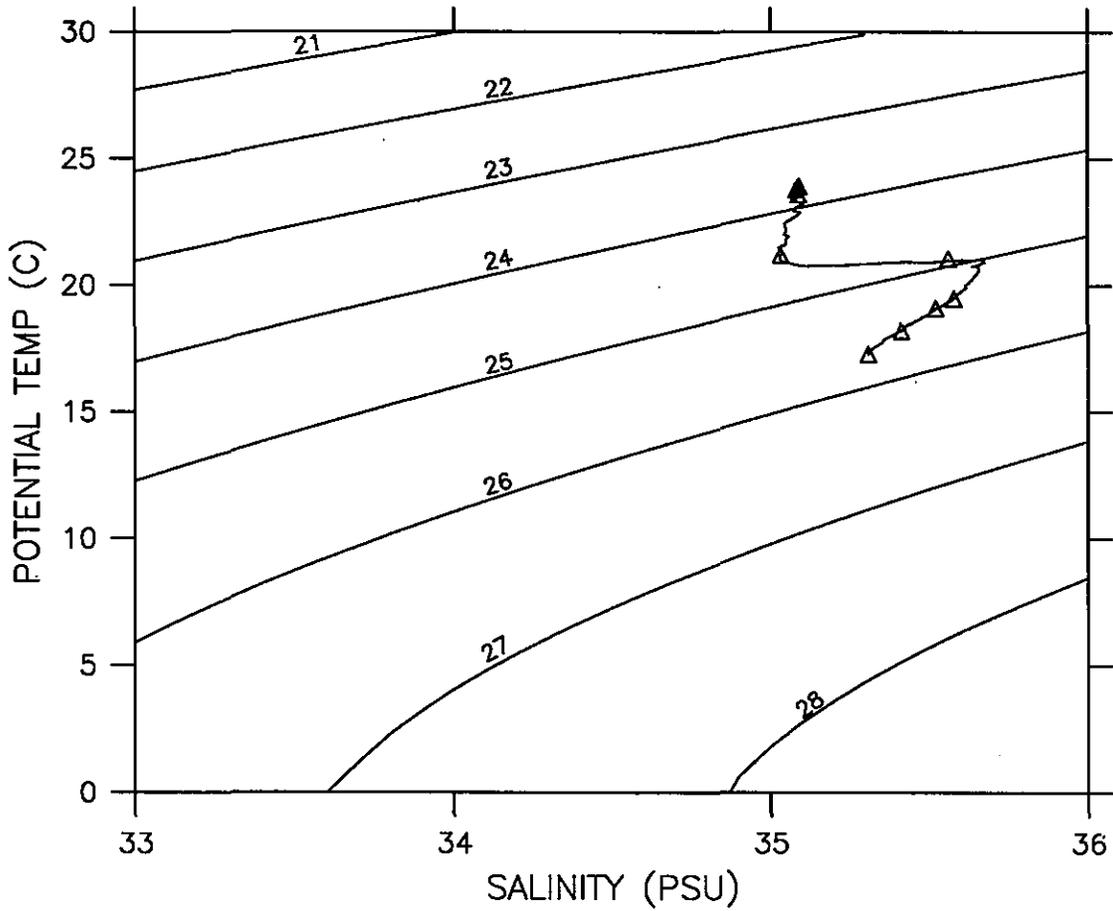


CAST EP6-92-DI -080 DATE 10 NOV 92 TIME 0233 GMT
 LAT 10 00.0S LONG 110 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 100 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.0 WET 21.4 DEPTH M

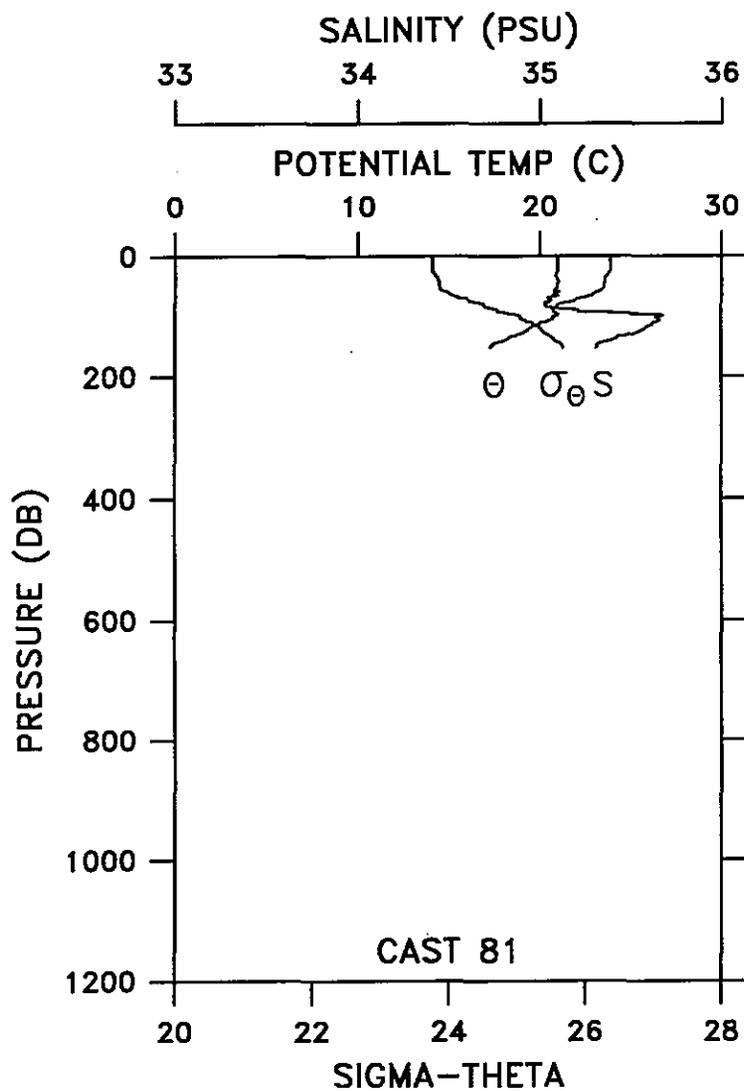


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.944	35.095	23.731	0.000
10	23.927	35.095	23.737	0.042
20	23.918	35.095	23.739	0.083
30	23.827	35.095	23.766	0.125
40	23.663	35.099	23.817	0.166
50	23.514	35.079	23.846	0.207
60	23.460	35.078	23.861	0.247
70	22.841	35.085	24.045	0.287
80	22.047	35.066	24.256	0.325
90	21.162	35.043	24.484	0.361
100	21.071	35.513	24.866	0.394
110	20.783	35.667	25.062	0.425
120	20.061	35.636	25.232	0.453
130	19.359	35.562	25.359	0.480
140	18.405	35.447	25.515	0.506
150	17.446	35.336	25.666	0.530
160	16.595	35.220	25.779	0.554
170	15.460	35.066	25.922	0.576
180	14.135	34.920	26.098	0.596
190	12.983	34.845	26.277	0.615
200	12.629	34.837	26.341	0.632
250	11.162	34.821	26.607	0.712
300	10.407	34.782	26.712	0.784
350	9.896	34.750	26.775	0.852
400	9.548	34.728	26.816	0.918
450	9.028	34.697	26.877	0.983
500	8.370	34.658	26.950	1.044
550	7.912	34.633	26.999	1.102
600	7.255	34.602	27.070	1.158
650	6.734	34.580	27.125	1.211
700	6.296	34.565	27.171	1.262
750	6.009	34.556	27.201	1.311
800	5.633	34.548	27.242	1.358
900	5.039	34.543	27.309	1.448
1000	4.602	34.547	27.362	1.532
1005	4.579	34.547	27.364	1.536

CAST EP6-92-DI -081 DATE 10 NOV 92 TIME 0422 GMT
LAT 09 59.9S LONG 109 59.9W



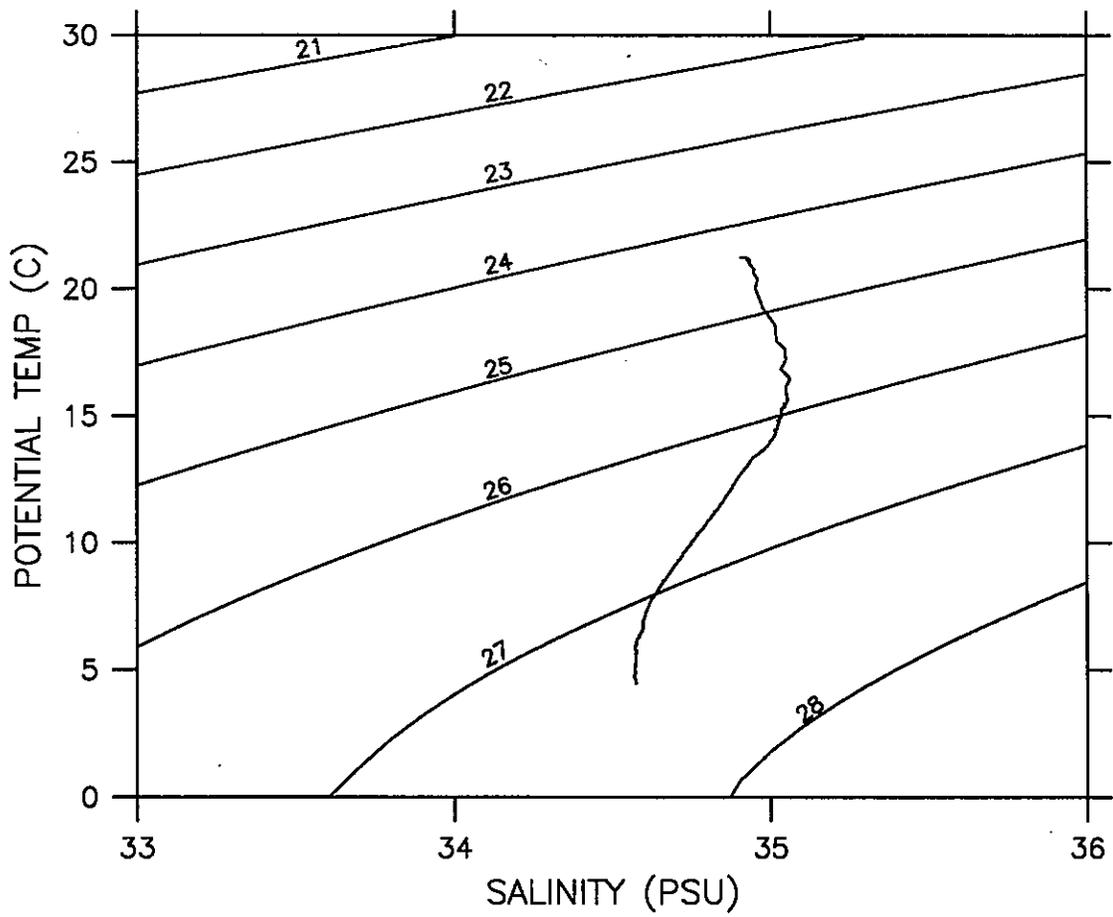
CAST EP6-92-DI-081 DATE 10 NOV 92 TIME 0422 GMT
 LAT 09 59.9S LONG 109 59.9W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 100 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.0 WET 21.2 DEPTH M

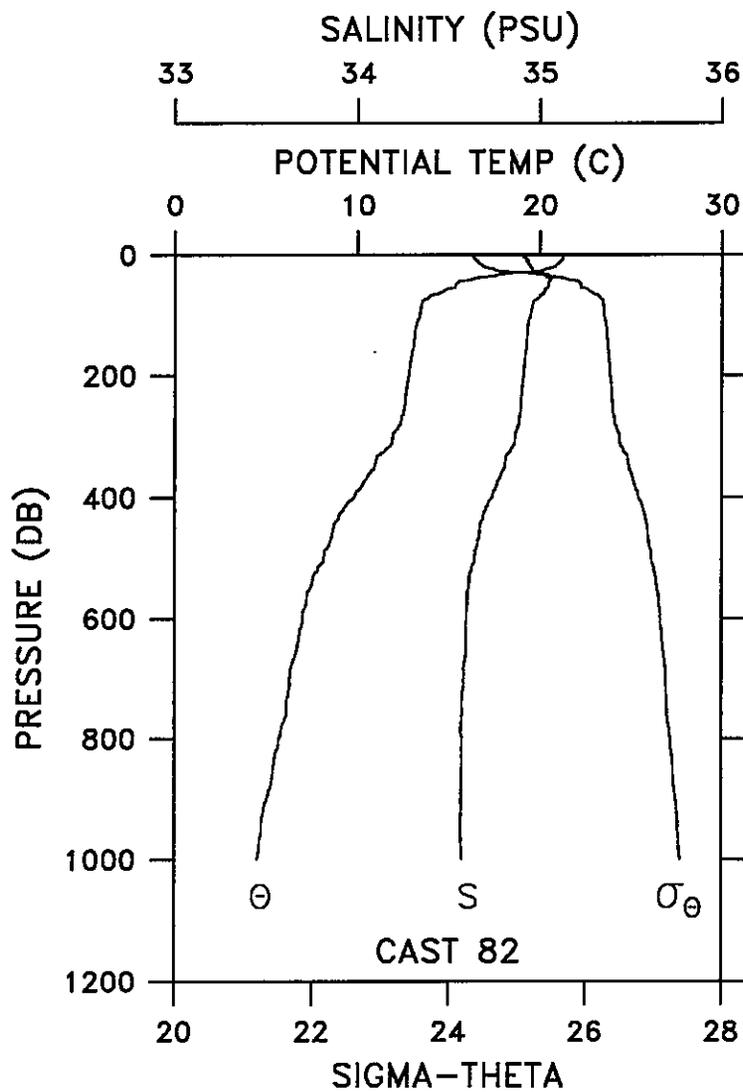


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.873	35.098	23.755	0.000
10	23.873	35.097	23.754	0.041
20	23.874	35.098	23.754	0.083
30	23.741	35.089	23.787	0.124
40	23.581	35.100	23.842	0.165
50	23.515	35.096	23.858	0.206
60	23.131	35.093	23.968	0.246
70	22.137	35.051	24.220	0.285
80	21.038	35.032	24.509	0.321
90	20.781	35.212	24.716	0.355
100	20.821	35.661	25.048	0.386
110	20.062	35.627	25.225	0.415
120	19.448	35.581	25.351	0.442
130	18.795	35.497	25.454	0.468
140	18.089	35.397	25.555	0.493
150	17.347	35.315	25.674	0.517
152	17.292	35.311	25.684	0.522

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CAST EP6-92-DI -082 DATE 13 NOV 92 TIME 2110 GMT
LAT 02 00.0S LONG 095 00.0W

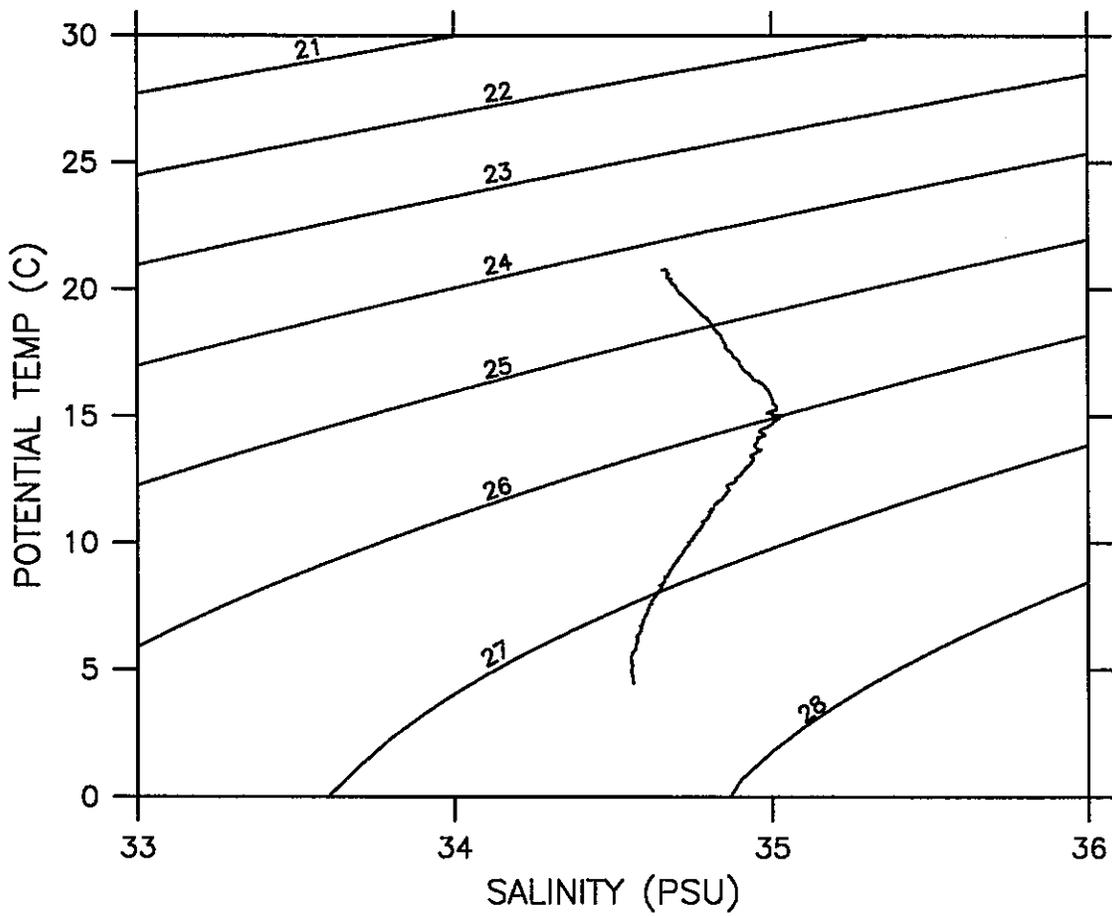




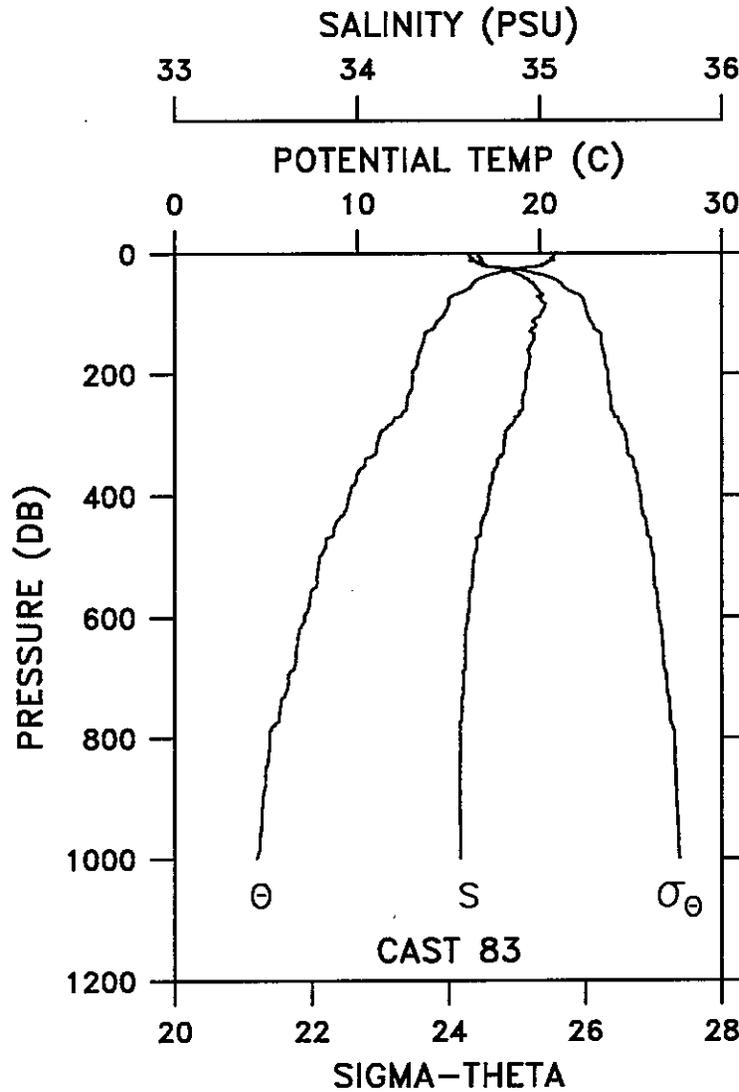
CAST EP6-92-DI-082 DATE 13 NOV 92 TIME 2110 GMT
 LAT 02 00.0S LONG 095 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 130 T SPD 07 KT VISIBILITY 7
 CLOUD AMOUNT DRY 22.3 WET 19.8 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.248	34.905	24.356	0.000
10	21.116	34.936	24.415	0.035
20	20.778	34.949	24.517	0.070
30	18.579	35.016	25.141	0.103
40	16.341	35.058	25.715	0.128
50	15.367	35.045	25.926	0.149
60	14.731	35.027	26.052	0.169
70	13.904	34.996	26.205	0.188
80	13.510	34.961	26.260	0.206
90	13.454	34.953	26.265	0.224
100	13.403	34.948	26.272	0.242
110	13.262	34.937	26.292	0.259
120	13.173	34.932	26.306	0.277
130	13.127	34.930	26.314	0.294
140	13.090	34.928	26.320	0.312
150	13.061	34.927	26.325	0.329
160	12.979	34.921	26.337	0.346
170	12.940	34.918	26.342	0.363
180	12.873	34.914	26.353	0.381
190	12.837	34.912	26.358	0.398
200	12.819	34.910	26.360	0.415
250	12.563	34.895	26.399	0.500
300	11.922	34.863	26.499	0.583
350	10.915	34.806	26.640	0.660
400	9.811	34.737	26.779	0.730
450	8.679	34.671	26.912	0.794
500	8.146	34.642	26.971	0.854
550	7.409	34.608	27.053	0.910
600	7.004	34.597	27.101	0.963
650	6.710	34.595	27.140	1.015
700	6.298	34.582	27.184	1.065
750	6.134	34.574	27.199	1.114
800	5.717	34.574	27.252	1.161
900	5.043	34.568	27.328	1.250
1000	4.511	34.573	27.392	1.331
1005	4.465	34.572	27.397	1.335

CAST EP6-92-DI -083 DATE 14 NOV 92 TIME 2122 GMT
LAT 00 00.9S LONG 095 02.9W



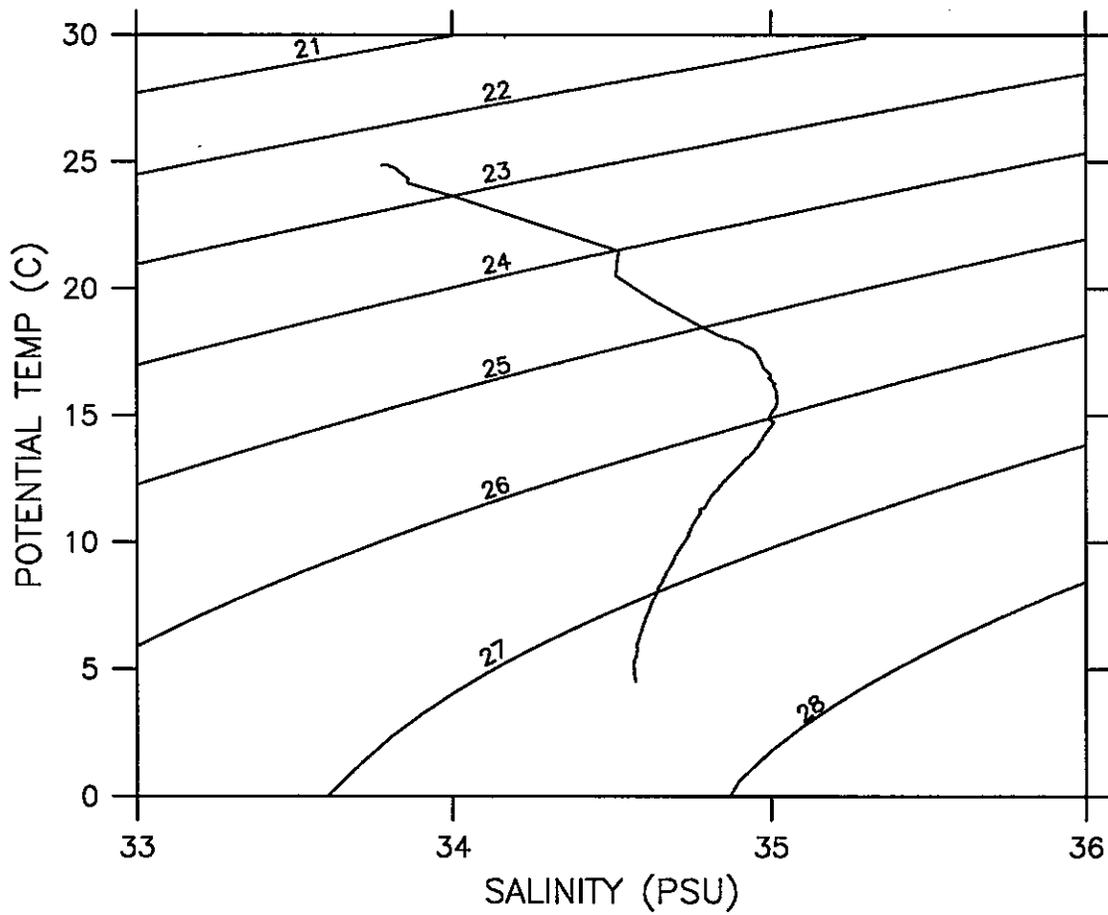
CAST EP6-92-DI -083 DATE 14 NOV 92 TIME 2122 GMT
 LAT 00 00.9S LONG 095 02.9W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 160 T SPD 19 KT VISIBILITY 7
 CLOUD AMOUNT DRY 22.2 WET 20.2 DEPTH M



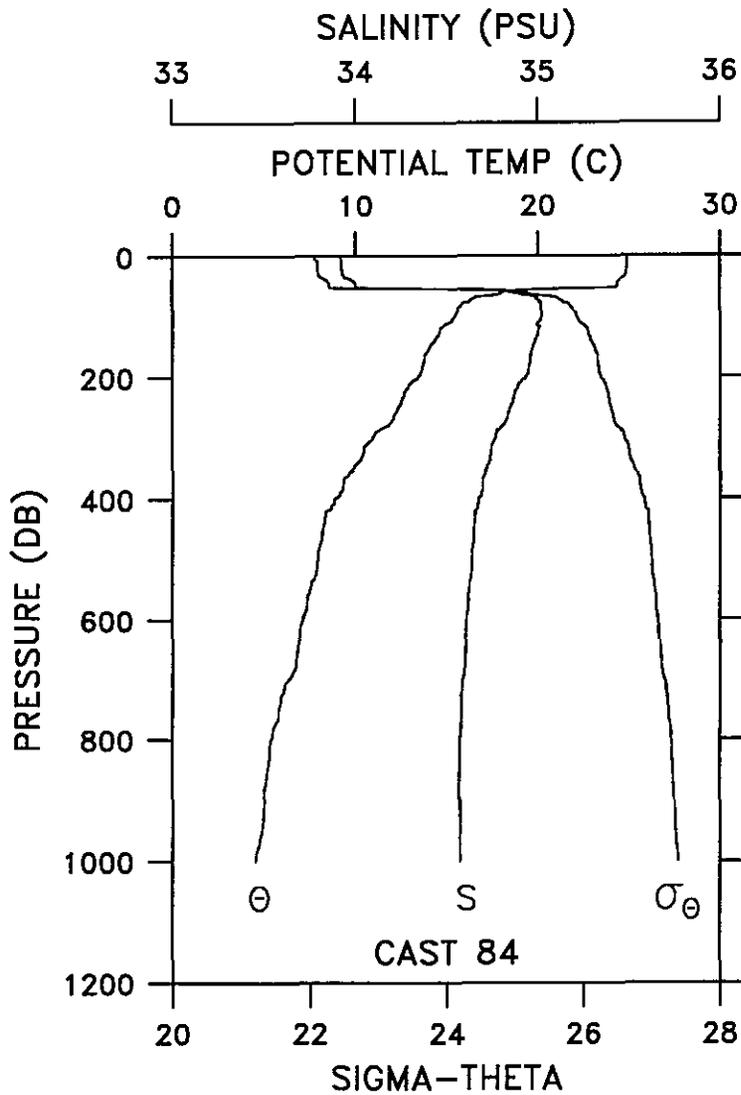
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.766	34.660	24.300	0.000
10	20.647	34.676	24.344	0.036
20	20.148	34.698	24.493	0.071
30	17.950	34.851	25.171	0.102
40	16.828	34.913	25.489	0.128
50	16.331	34.964	25.645	0.152
60	15.974	34.991	25.748	0.176
70	15.225	35.010	25.931	0.197
80	15.025	35.012	25.977	0.218
90	14.937	35.025	26.006	0.238
100	14.767	35.006	26.028	0.258
110	14.483	34.969	26.061	0.278
120	14.236	34.976	26.119	0.298
130	13.756	34.951	26.201	0.317
140	13.667	34.967	26.232	0.335
150	13.580	34.956	26.242	0.353
160	13.457	34.936	26.251	0.371
170	13.347	34.944	26.280	0.389
180	13.277	34.944	26.294	0.407
190	13.196	34.937	26.305	0.425
200	13.004	34.924	26.334	0.442
250	12.694	34.904	26.380	0.528
300	11.233	34.812	26.587	0.610
350	10.383	34.767	26.704	0.683
400	9.542	34.720	26.811	0.751
450	8.779	34.678	26.901	0.815
500	7.941	34.639	27.000	0.875
550	7.723	34.625	27.021	0.932
600	7.110	34.606	27.094	0.986
650	6.680	34.592	27.142	1.038
700	6.218	34.579	27.192	1.088
750	5.770	34.572	27.244	1.136
800	5.178	34.562	27.308	1.180
900	4.830	34.562	27.348	1.265
1000	4.505	34.566	27.387	1.346
1008	4.474	34.568	27.392	1.352

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CAST EP6-92-DI -084 DATE 15 NOV 92 TIME 2029 GMT
LAT 01 57.3S LONG 094 59.1W



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CAST EP6-92-DI-084 DATE 15 NOV 92 TIME 2029 GMT
 LAT 01 57.3S LONG 094 59.1W WEATHER 1 SEA STATE 3
 BAROMETER 10 WIND DIR 175 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.0 WET 21.2 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.879	33.774	22.454	0.000
10	24.886	33.792	22.465	0.054
20	24.887	33.795	22.467	0.107
30	24.846	33.796	22.480	0.161
40	24.519	33.842	22.613	0.214
50	24.362	33.858	22.672	0.266
60	18.178	34.834	25.102	0.308
70	16.552	34.997	25.619	0.334
80	15.894	35.017	25.786	0.358
90	15.610	35.019	25.852	0.380
100	15.429	35.017	25.891	0.401
110	15.183	35.004	25.936	0.422
120	14.667	35.004	26.049	0.442
130	14.547	34.997	26.069	0.462
140	14.347	34.985	26.103	0.482
150	14.083	34.972	26.149	0.501
160	13.882	34.962	26.183	0.520
170	13.774	34.958	26.203	0.539
180	13.704	34.953	26.213	0.557
190	13.624	34.947	26.225	0.575
200	13.433	34.934	26.255	0.594
250	12.360	34.850	26.403	0.680
300	10.968	34.769	26.602	0.761
350	9.945	34.725	26.747	0.832
400	8.865	34.674	26.885	0.897
450	8.214	34.646	26.964	0.957
500	7.950	34.640	26.999	1.015
550	7.523	34.623	27.048	1.071
600	7.134	34.611	27.094	1.125
650	6.831	34.602	27.129	1.178
700	6.325	34.588	27.186	1.228
750	5.813	34.581	27.246	1.276
800	5.407	34.573	27.289	1.321
900	5.013	34.571	27.334	1.407
1000	4.542	34.575	27.390	1.489
1003	4.522	34.575	27.393	1.491

CAST EP6-92-DI -054 LAT 10 01.1N LONG 109 56.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
7.	27.447	33.171	0.00	27.445	21.201
14.	27.559	33.359	4.58	27.556	21.307
23.	27.611	33.686	4.46	27.606	21.537
54.	26.782	34.054	3.72	26.770	22.080
53.	24.621	34.448	3.73	24.610	23.044
63.	19.975	34.050	1.35	19.963	24.048
84.	15.572	34.648	0.17	15.559	25.577
93.	14.657	34.697	0.06	14.643	25.817
104.	14.098	34.727	0.07	14.083	25.959
114.	13.741	34.759	0.05	13.725	26.059
123.	13.254	34.772	0.03	13.237	26.169
133.	12.601	34.784	0.05	12.583	26.309
144.	12.339	34.778	0.04	12.320	26.356
153.	12.171	34.771	0.04	12.151	26.383
169.	11.881	34.764	0.09	11.859	26.433
184.	11.584	34.751	0.11	11.561	26.479
204.	11.277	34.740	0.14	11.252	26.528
254.	10.589	34.714	0.10	10.559	26.632
303.	9.917	34.681	0.07	9.882	26.723
404.	8.538	34.603	0.07	8.495	26.887
603.	6.412	34.562	0.05	6.357	27.161
804.	5.075	34.555	0.32	5.009	27.322
1005.	4.283	34.567	0.69	4.205	27.420
1005.	4.281	34.567	0.68	4.203	27.421

CAST EP6-92-DI -056 LAT 05 59.8N LONG 109 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	26.945	33.875	4.63	26.944	21.891
7.	26.939	33.873	4.62	26.937	21.891
13.	26.957	33.875	4.62	26.954	21.887
23.	26.968	33.885	4.63	26.963	21.892
44.	26.966	33.918	4.63	26.956	21.919
62.	26.896	33.956	4.61	26.882	21.971
84.	26.192	34.130	4.83	26.173	22.325
94.	23.464	34.355	2.93	23.445	23.318
104.	19.993	34.525	1.73	19.974	24.408
113.	15.605	34.728	0.40	15.587	25.633
123.	13.832	34.715	0.67	13.814	26.006
133.	12.961	34.718	0.84	12.943	26.186
143.	12.398	34.739	0.72	12.379	26.314
152.	12.274	34.774	0.46	12.254	26.365
169.	11.876	34.772	0.84	11.854	26.440
183.	11.490	34.748	0.99	11.467	26.494
203.	11.107	34.732	1.26	11.082	26.552
252.	10.683	34.733	0.86	10.652	26.630
303.	10.311	34.720	0.52	10.275	26.686
403.	9.185	34.667	0.13	9.140	26.835
604.	6.754	34.572	0.10	6.697	27.123
1005.	4.437	34.566	1.10	4.357	27.403
1005.	4.437	34.567	1.09	4.357	27.404

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CAST EP6-92-DI -055 LAT 08 00.0N LONG 110 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	28.068	33.278	0.11	28.067	21.081
13.	28.048	33.313	0.00	28.045	21.114
23.	27.814	33.402	0.10	27.809	21.258
41.	27.133	33.760	0.19	27.124	21.747
54.	26.357	33.916	0.00	26.345	22.110
62.	23.101	34.323	0.32	23.088	23.396
85.	17.444	34.680	0.21	17.430	25.167
91.	15.292	34.766	0.00	15.278	25.731
102.	14.167	34.807	0.08	14.152	26.007
112.	13.441	34.826	0.00	13.425	26.173
123.	12.971	34.819	0.04	12.954	26.262
133.	12.435	34.797	0.00	12.417	26.351
143.	12.310	34.791	0.00	12.291	26.371
166.	11.809	34.772	0.00	11.788	26.453
182.	11.551	34.762	0.00	11.528	26.494
200.	11.325	34.750	0.01	11.300	26.527
252.	10.661	34.722	0.00	10.631	26.626
302.	10.302	34.706	0.00	10.266	26.677
401.	9.217	34.648	0.00	9.172	26.815
607.	6.579	34.564	0.00	6.523	27.140
806.	5.239	34.555	0.00	5.171	27.303
999.	4.493	34.567	0.00	4.414	27.398
1001.	4.493	34.569	0.00	4.413	27.399

CAST EP6-92-DI -057 LAT 04 58.1N LONG 109 55.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	26.920	33.807	4.62	26.919	21.847
13.	26.876	33.799	4.62	26.873	21.856
23.	26.599	33.862	4.64	26.594	21.991
43.	26.098	33.920	4.67	26.089	22.193
54.	25.987	33.937	4.67	25.975	22.241
62.	25.899	33.957	4.67	25.885	22.284
82.	25.752	34.142	4.65	25.734	22.470
93.	24.781	34.001	4.46	24.761	22.660
102.	22.296	34.532	3.09	22.276	23.786
111.	19.893	34.724	2.43	19.873	24.586
123.	18.218	34.832	2.27	18.197	25.096
131.	17.744	34.841	2.12	17.722	25.220
144.	15.051	34.731	0.92	15.029	25.759
151.	13.343	34.765	0.43	13.322	26.146
168.	12.337	34.764	0.79	12.315	26.346
181.	12.043	34.772	0.79	12.019	26.409
204.	11.285	34.724	1.03	11.260	26.514
254.	10.541	34.744	1.01	10.511	26.664
304.	10.065	34.705	0.41	10.030	26.717
406.	8.843	34.654	0.13	8.799	26.880
604.	6.342	34.568	0.25	6.287	27.175
802.	5.075	34.565	0.85	5.009	27.330
1002.	4.225	34.573	1.24	4.147	27.431
1002.	4.225	34.574	1.26	4.147	27.432

CAST EP6-92-DI -058 LAT 03 59.0N LONG 109 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	25.905	33.970	4.65	25.904	22.288
13.	25.882	33.969	4.64	25.879	22.295
24.	25.817	33.971	4.64	25.812	22.317
43.	25.768	33.978	4.63	25.759	22.339
53.	25.741	33.984	4.61	25.729	22.353
62.	25.724	33.988	4.60	25.710	22.362
83.	24.214	34.295	4.55	24.196	23.051
94.	22.419	34.679	4.44	22.400	23.863
102.	21.079	34.759	4.05	21.059	24.296
111.	19.419	34.849	2.90	19.399	24.805
122.	18.872	34.830	2.00	18.850	24.930
133.	16.935	34.898	2.00	16.913	25.458
141.	14.912	34.717	1.79	14.891	25.778
152.	13.907	34.834	1.55	13.885	26.084
166.	13.536	34.893	1.30	13.513	26.206
184.	13.164	34.889	1.17	13.139	26.280
202.	12.789	34.865	1.17	12.761	26.337
253.	11.241	34.754	1.32	11.209	26.546
302.	10.568	34.726	1.26	10.532	26.646
402.	9.370	34.678	0.21	9.325	26.814
602.	6.667	34.578	0.37	6.611	27.140
805.	5.229	34.561	0.79	5.162	27.309
1003.	4.290	34.569	1.25	4.212	27.421
1003.	4.290	34.568	1.21	4.212	27.420

CAST EP6-92-DI -060 LAT 02 06.7N LONG 110 06.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	25.912	33.921	4.63	25.911	22.249
6.	25.912	33.920	4.64	25.911	22.248
23.	25.896	33.919	4.63	25.891	22.254
44.	25.543	33.981	4.64	25.533	22.411
52.	24.111	34.308	4.53	24.100	23.090
61.	23.815	34.358	4.50	23.802	23.215
81.	18.849	34.785	2.86	18.835	24.900
91.	16.632	34.895	1.90	16.617	25.525
102.	15.264	34.934	1.61	15.248	25.867
113.	14.699	34.959	1.63	14.682	26.010
123.	14.390	34.954	1.62	14.372	26.073
133.	14.203	34.951	1.66	14.184	26.111
143.	14.000	34.945	1.67	13.979	26.150
152.	13.841	34.939	1.54	13.819	26.179
168.	13.641	34.930	1.46	13.617	26.214
183.	13.409	34.920	1.27	13.383	26.254
202.	13.136	34.908	1.10	13.108	26.301
253.	12.306	34.854	0.68	12.272	26.424
301.	11.204	34.768	0.98	11.166	26.565
403.	8.888	34.661	0.23	8.844	26.878
603.	6.919	34.580	1.07	6.862	27.107
804.	5.551	34.553	1.36	5.482	27.264
1001.	4.613	34.562	1.48	4.532	27.381

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CAST EP6-92-DI -059 LAT 02 59.8N LONG 110 00.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
7.	25.727	33.969	4.65	25.726	22.343
12.	25.727	33.969	4.66	25.724	22.343
22.	25.722	33.970	4.66	25.717	22.346
43.	25.642	33.988	4.64	25.633	22.385
53.	25.479	34.022	4.63	25.467	22.462
62.	25.019	34.099	4.63	25.006	22.661
82.	22.296	34.668	4.35	22.280	23.889
92.	21.163	34.741	3.87	21.145	24.259
101.	17.967	34.858	2.54	17.950	25.177
113.	15.234	34.936	1.65	15.217	25.876
123.	14.621	34.963	1.68	14.603	26.031
132.	14.284	34.955	1.59	14.265	26.097
143.	13.788	34.925	1.33	13.768	26.178
152.	13.604	34.924	1.22	13.582	26.216
167.	13.436	34.922	1.30	13.413	26.249
183.	13.395	34.921	1.27	13.369	26.257
206.	13.191	34.911	1.17	13.162	26.292
256.	12.558	34.872	0.74	12.524	26.389
305.	11.925	34.822	0.77	11.885	26.473
405.	9.734	34.693	0.49	9.687	26.765
605.	6.537	34.566	1.23	6.481	27.147
812.	5.333	34.555	1.23	5.264	27.292
992.	4.418	34.563	1.57	4.340	27.403
992.	4.418	34.563	1.58	4.340	27.403

CAST EP6-92-DI -061 LAT 00 59.7N LONG 110 00.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	24.601	34.006	4.71	24.600	22.713
13.	24.420	34.057	4.71	24.417	22.806
22.	23.241	34.306	4.64	23.237	23.341
42.	21.880	34.665	4.32	21.872	24.001
53.	20.870	34.727	3.92	20.860	24.325
62.	18.844	34.905	3.48	18.833	24.992
83.	15.850	34.937	1.90	15.837	25.737
93.	14.671	34.947	1.65	14.657	26.007
103.	14.135	34.925	1.42	14.120	26.105
111.	13.936	34.929	1.42	13.920	26.150
122.	13.802	34.932	1.40	13.785	26.180
132.	13.615	34.929	1.38	13.596	26.217
142.	13.573	34.927	1.32	13.553	26.224
152.	13.455	34.926	1.28	13.434	26.248
169.	13.254	34.909	1.16	13.231	26.276
179.	13.159	34.914	1.08	13.134	26.300
201.	12.909	34.805	0.94	12.881	26.266
252.	11.609	34.894	0.68	11.577	26.587
303.	10.494	34.732	0.80	10.458	26.664
402.	8.482	34.649	0.66	8.440	26.932
602.	6.489	34.575	0.93	6.434	27.161
802.	5.344	34.553	1.51	5.276	27.289
1002.	4.532	34.560	1.70	4.452	27.388
1002.	4.532	34.560	1.71	4.452	27.388

CAST EP6-92-DI -062 LAT 00 36.1N LONG 110 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	21.762	34.812	4.27	21.761	24.143
14.	21.567	34.800	4.23	21.564	24.188
23.	21.428	34.784	4.20	21.424	24.215
43.	21.291	34.767	4.16	21.283	24.241
53.	21.242	34.755	4.14	21.232	24.246
61.	19.680	34.860	3.78	19.669	24.743
82.	15.412	34.910	1.72	15.399	25.815
94.	14.843	34.914	1.65	14.829	25.944
103.	14.561	34.933	1.63	14.546	26.020
112.	14.173	34.948	1.68	14.157	26.115
124.	13.770	34.935	1.67	13.752	26.189
132.	13.558	34.934	1.66	13.539	26.233
144.	13.221	34.913	1.36	13.201	26.286
153.	13.182	34.911	1.29	13.161	26.292
168.	13.035	34.900	1.15	13.012	26.314
182.	12.890	34.890	0.97	12.865	26.335
202.	12.678	34.879	0.92	12.651	26.369
252.	12.166	34.847	0.79	12.133	26.445
302.	11.305	34.795	0.43	11.267	26.568
403.	8.696	34.658	0.62	8.653	26.906
603.	6.998	34.588	0.90	6.940	27.103
803.	5.298	34.553	0.00	5.230	27.294
1005.	4.388	34.559	1.85	4.309	27.403
1005.	4.388	34.559	1.85	4.309	27.403

CAST EP6-92-DI -064 LAT 00 11.6N LONG 110 05.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
13.	21.281	34.845	4.07	21.279	24.301
23.	20.881	34.826	3.95	20.877	24.396
43.	20.159	34.805	3.78	20.151	24.574
52.	19.483	34.821	3.69	19.474	24.764
63.	18.307	34.860	2.96	18.296	25.093
82.	15.597	34.847	2.18	15.584	25.725
93.	14.848	34.869	2.28	14.834	25.908
102.	14.694	34.879	2.09	14.679	25.949
113.	14.476	34.885	2.03	14.459	26.001
123.	14.186	34.906	1.89	14.168	26.080
134.	13.905	34.924	1.68	13.886	26.153
143.	13.501	34.912	1.67	13.481	26.228
153.	13.270	34.906	1.58	13.249	26.270
164.	12.928	34.895	1.63	12.906	26.331
183.	12.690	34.887	1.45	12.665	26.373
202.	12.518	34.885	1.52	12.491	26.405
252.	12.224	34.863	0.89	12.191	26.447
304.	10.269	34.738	0.42	10.233	26.708
404.	8.713	34.660	0.61	8.670	26.905
603.	6.573	34.573	1.18	6.517	27.148
803.	5.305	34.552	1.63	5.237	27.292
1001.	4.402	34.561	1.85	4.323	27.403
1001.	4.402	34.560	1.87	4.323	27.402

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CAST EP6-92-DI -063 LAT 00 15.2N LONG 110 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	21.670	34.847	4.21	21.669	24.195
6.	21.670	34.845	4.20	21.669	24.194
12.	21.274	34.832	4.09	21.272	24.293
23.	20.809	34.821	3.98	20.805	24.412
43.	20.521	34.800	3.91	20.513	24.474
53.	20.415	34.799	3.89	20.405	24.502
83.	15.006	34.860	2.23	14.993	25.866
91.	14.881	34.867	2.28	14.867	25.899
103.	14.683	34.879	2.04	14.668	25.952
113.	14.244	34.923	1.66	14.228	26.080
122.	13.899	34.917	1.70	13.882	26.149
132.	13.416	34.908	1.71	13.398	26.242
143.	13.205	34.904	1.61	13.185	26.282
152.	13.096	34.902	1.67	13.075	26.303
169.	12.755	34.891	1.71	12.732	26.362
183.	12.595	34.883	1.50	12.570	26.388
203.	12.497	34.881	1.44	12.470	26.406
251.	12.151	34.856	0.79	12.118	26.455
302.	10.822	34.771	0.36	10.785	26.636
403.	8.755	34.661	0.60	8.712	26.899
603.	6.802	34.580	1.04	6.745	27.123
804.	5.323	34.552	1.60	5.255	27.290
1004.	4.463	34.557	1.87	4.383	27.393
1004.	4.463	34.557	1.88	4.383	27.393

CAST EP6-92-DI -065 LAT 00 00.8N LONG 110 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	21.867	34.904	4.23	21.866	24.184
12.	21.327	34.896	4.06	21.325	24.327
22.	20.395	34.879	3.79	20.391	24.567
41.	18.902	34.866	3.28	18.895	24.947
53.	17.889	34.856	2.76	17.880	25.192
61.	17.040	34.879	2.64	17.030	25.415
86.	15.626	34.887	2.69	15.613	25.749
91.	15.592	35.048	2.84	15.578	25.881
101.	14.927	34.930	2.67	14.912	25.938
112.	14.540	34.912	2.49	14.523	26.008
121.	14.165	34.900	2.22	14.147	26.079
132.	13.772	34.913	1.79	13.753	26.172
140.	13.285	34.905	1.85	13.265	26.266
151.	12.945	34.895	1.44	12.924	26.327
162.	12.812	34.891	1.67	12.790	26.351
182.	12.595	34.889	1.64	12.571	26.393
202.	12.503	34.880	1.43	12.476	26.404
253.	11.851	34.837	0.48	11.818	26.498
304.	10.746	34.764	0.37	10.709	26.644
401.	8.968	34.670	0.56	8.924	26.872
603.	6.824	34.549	1.12	6.767	27.096
802.	5.262	34.578	1.68	5.195	27.318
1005.	4.570	34.556	1.80	4.489	27.381
1005.	4.570	34.556	1.80	4.489	27.381

CAST EP6-92-DI -066 LAT 00 15.2S LONG 110 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	22.238	34.921	4.33	22.238	24.093
10.	21.830	34.923	4.16	21.828	24.209
20.	20.790	34.928	3.84	20.786	24.498
29.	19.976	34.963	3.56	19.971	24.743
41.	19.516	34.972	3.45	19.509	24.870
61.	18.470	35.182	3.03	18.459	25.298
80.	17.006	35.099	2.92	16.993	25.593
99.	15.935	35.110	2.64	15.919	25.852
120.	14.519	34.977	2.78	14.501	26.063
130.	14.208	34.931	2.55	14.189	26.095
141.	13.775	34.897	2.21	13.755	26.159
150.	13.254	34.909	2.26	13.233	26.276
176.	12.754	34.901	1.95	12.730	26.371
201.	12.514	34.885	1.43	12.487	26.406
229.	12.096	34.857	0.69	12.066	26.466
259.	12.022	34.854	0.57	11.988	26.479
290.	11.297	34.813	0.27	11.261	26.583
331.	10.214	34.740	0.53	10.175	26.719
379.	9.640	34.712	0.76	9.597	26.795
451.	8.785	34.665	0.59	8.736	26.898
599.	7.033	34.585	1.22	6.975	27.095
799.	5.394	34.552	1.65	5.326	27.282
999.	4.394	34.560	1.87	4.315	27.403
999.	4.394	34.561	1.90	4.315	27.404

CAST EP6-92-DI -068 LAT 01 00.0S LONG 110 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	22.764	34.877	4.62	22.763	23.910
10.	22.690	34.879	4.59	22.688	23.933
20.	22.414	34.897	4.47	22.410	24.026
30.	21.977	34.972	4.20	21.971	24.206
39.	21.876	35.072	4.12	21.868	24.311
60.	21.450	35.189	3.59	21.438	24.519
79.	15.673	35.177	1.42	15.661	25.962
101.	14.504	35.083	2.31	14.489	26.148
120.	13.877	34.990	2.64	13.860	26.210
130.	13.683	34.974	2.65	13.665	26.238
140.	13.487	34.947	2.66	13.467	26.258
150.	13.329	34.941	2.49	13.308	26.285
176.	12.876	34.919	1.86	12.852	26.360
200.	12.643	34.896	1.68	12.616	26.389
230.	12.532	34.886	1.44	12.501	26.404
260.	12.418	34.878	1.13	12.383	26.421
290.	11.980	34.853	0.56	11.942	26.487
331.	10.638	34.776	0.66	10.598	26.674
380.	9.527	34.712	0.90	9.484	26.814
448.	8.766	34.663	0.61	8.718	26.899
599.	7.279	34.594	1.11	7.220	27.068
799.	5.613	34.546	1.83	5.544	27.251
1006.	4.249	34.563	1.89	4.171	27.421
1006.	4.249	34.564	1.90	4.171	27.422

CAST EP6-92-DI -067 LAT 00 30.9S LONG 110 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	22.371	34.915	4.42	22.371	24.050
9.	22.186	34.931	4.27	22.184	24.115
20.	21.650	34.949	4.03	21.646	24.279
29.	21.040	34.946	3.83	21.034	24.445
50.	19.995	35.166	3.20	19.986	24.893
59.	20.048	35.342	2.90	20.037	25.014
81.	17.372	35.343	1.87	17.359	25.693
100.	15.884	35.151	2.30	15.868	25.895
121.	14.699	35.045	2.84	14.681	26.077
129.	14.168	34.944	2.77	14.149	26.113
140.	13.758	34.905	2.38	13.738	26.169
150.	13.333	34.906	2.48	13.312	26.258
176.	12.906	34.914	2.12	12.882	26.351
200.	12.684	34.899	1.87	12.657	26.384
232.	12.372	34.876	1.11	12.341	26.428
260.	12.066	34.858	0.66	12.032	26.473
291.	10.960	34.788	0.30	10.924	26.625
330.	10.373	34.749	0.46	10.334	26.699
378.	9.399	34.699	0.76	9.357	26.825
451.	8.786	34.664	0.61	8.737	26.897
602.	7.119	34.587	1.23	7.061	27.085
796.	5.695	34.554	1.54	5.626	27.247
1002.	4.594	34.555	1.92	4.514	27.377
1002.	4.594	34.555	1.93	4.514	27.377

CAST EP6-92-DI -069 LAT 02 05.6S LONG 109 54.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	23.300	34.829	4.78	23.299	23.719
9.	22.985	34.825	4.76	22.983	23.807
21.	22.840	34.824	4.73	22.836	23.849
29.	22.629	34.829	4.64	22.623	23.913
39.	22.328	34.851	4.48	22.320	24.016
59.	21.945	35.093	4.26	21.933	24.309
80.	16.400	35.136	1.78	16.387	25.764
100.	14.634	35.051	1.51	14.619	26.095
119.	14.069	35.000	1.67	14.052	26.177
130.	13.764	34.980	1.61	13.746	26.226
151.	13.523	34.960	1.59	13.502	26.261
174.	13.266	34.934	1.22	13.242	26.294
198.	13.088	34.924	0.70	13.061	26.322
231.	12.848	34.911	0.48	12.817	26.361
260.	12.423	34.890	0.20	12.388	26.429
290.	12.187	34.876	0.13	12.149	26.465
330.	11.176	34.814	0.13	11.135	26.607
380.	9.694	34.726	0.26	9.650	26.797
451.	8.277	34.639	0.89	8.230	26.956
598.	7.333	34.592	1.31	7.274	27.059
800.	5.546	34.549	1.72	5.477	27.261
1001.	4.565	34.560	1.70	4.485	27.385
1001.	4.564	34.560	1.69	4.484	27.385
1001.	4.564	34.560	1.70	4.484	27.385

CAST EP6-92-DI -070 LAT 02 59.5S LONG 110 01.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	22.990	34.790	4.56	22.989	23.779
10.	22.976	34.789	4.50	22.974	23.783
20.	22.964	34.788	4.35	22.960	23.786
30.	22.826	34.791	4.46	22.820	23.828
39.	22.640	34.801	4.38	22.632	23.890
59.	21.439	35.161	3.78	21.427	24.501
80.	16.189	35.097	2.05	16.176	25.783
101.	14.405	35.007	1.89	14.390	26.110
121.	14.115	34.984	1.99	14.097	26.155
129.	14.026	34.979	1.97	14.007	26.170
139.	13.974	34.982	1.94	13.954	26.184
150.	13.878	34.973	1.96	13.857	26.197
174.	13.613	34.958	1.91	13.588	26.241
200.	13.337	34.942	1.71	13.309	26.286
229.	12.927	34.914	0.72	12.896	26.348
259.	12.714	34.904	0.55	12.679	26.383
290.	12.307	34.883	0.46	12.268	26.447
332.	11.305	34.825	0.45	11.263	26.592
381.	10.133	34.752	0.56	10.088	26.744
447.	8.607	34.667	0.57	8.559	26.927
599.	6.852	34.580	1.47	6.795	27.116
801.	5.342	34.551	1.88	5.274	27.287
1008.	4.352	34.554	2.41	4.273	27.403
1008.	4.352	34.554	2.41	4.273	27.403

CAST EP6-92-DI -070 LAT 02 59.5S LONG 110 01.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	22.990	34.790	4.56	22.989	23.779
10.	22.976	34.789	4.50	22.974	23.783
20.	22.964	34.788	4.35	22.960	23.786
30.	22.826	34.791	4.46	22.820	23.828
39.	22.640	34.801	4.38	22.632	23.890
59.	21.439	35.161	3.78	21.427	24.501
80.	16.189	35.097	2.05	16.176	25.783
101.	14.405	35.007	1.89	14.390	26.110
121.	14.115	34.984	1.99	14.097	26.155
129.	14.026	34.979	1.97	14.007	26.170
139.	13.974	34.982	1.94	13.954	26.184
150.	13.878	34.973	1.96	13.857	26.197
174.	13.613	34.958	1.91	13.588	26.241
200.	13.337	34.942	1.71	13.309	26.286
229.	12.927	34.914	0.72	12.896	26.348
259.	12.714	34.904	0.55	12.679	26.383
290.	12.307	34.883	0.46	12.268	26.447
332.	11.305	34.825	0.45	11.263	26.592
381.	10.133	34.752	0.56	10.088	26.744
447.	8.607	34.667	0.57	8.559	26.927
599.	6.852	34.580	1.47	6.795	27.116
801.	5.342	34.551	1.88	5.274	27.287
1008.	4.352	34.554	2.41	4.273	27.403
1008.	4.352	34.554	2.41	4.273	27.403

CAST EP6-92-DI -072 LAT 04 00.0S LONG 109 58.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
174.	13.172	34.919	0.81	13.148	26.301
200.	13.017	34.930	0.61	12.990	26.341
229.	12.823	34.909	0.42	12.792	26.365
258.	12.605	34.898	0.20	12.570	26.400
288.	12.176	34.875	0.14	12.138	26.466
329.	11.707	34.850	0.17	11.665	26.537
378.	10.573	34.781	0.11	10.527	26.690
450.	9.420	34.712	0.17	9.369	26.833
598.	6.876	34.582	0.83	6.819	27.115
800.	5.307	34.542	1.74	5.240	27.284
1000.	4.226	34.557	2.13	4.148	27.418

CAST EP6-92-DI -073 LAT 04 00.0S LONG 109 58.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	23.110	34.778	4.77	23.110	23.735
10.	23.105	34.778	4.77	23.103	23.737
20.	23.058	34.777	4.77	23.054	23.751
30.	22.996	34.789	4.76	22.990	23.778
38.	23.093	34.960	4.76	23.085	23.880
59.	18.125	35.253	2.35	18.115	25.439
80.	14.755	35.051	1.32	14.743	26.068
99.	14.076	34.993	1.43	14.062	26.169
119.	13.783	34.973	1.46	13.766	26.216
130.	13.657	34.964	1.41	13.639	26.235
139.	13.583	34.962	1.13	13.563	26.249
151.	13.479	34.954	1.16	13.458	26.265

CAST EP6-92-DI -074 LAT 04 59.9S LONG 110 02.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
175.	12.315	34.883	0.67	12.292	26.443
201.	12.172	34.876	0.79	12.146	26.465
230.	11.929	34.864	0.74	11.899	26.503
259.	11.668	34.852	1.07	11.635	26.544
288.	11.302	34.831	0.73	11.266	26.596
329.	10.583	34.783	0.00	10.543	26.689
379.	9.875	34.740	0.20	9.831	26.778
450.	8.972	34.686	0.28	8.923	26.885
600.	6.780	34.579	0.60	6.724	27.125
799.	5.207	34.543	1.70	5.140	27.297
1000.	4.299	34.552	2.16	4.221	27.407
1001.	4.298	34.552	2.19	4.220	27.407

CAST EP6-92-DI -078 LAT 08 00.0S LONG 110 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
172.	12.502	34.909	0.41	12.479	26.426
201.	12.136	34.888	0.77	12.110	26.482
228.	11.718	34.858	0.54	11.689	26.538
257.	11.386	34.837	0.41	11.354	26.584
288.	11.079	34.815	0.34	11.043	26.624
332.	10.570	34.783	0.24	10.530	26.691
380.	10.016	34.749	0.16	9.972	26.761
446.	9.331	34.706	0.22	9.281	26.843
598.	7.430	34.601	0.44	7.371	27.053
798.	5.602	34.544	1.28	5.533	27.251
1001.	4.548	34.546	1.73	4.468	27.375
1000.	4.557	34.546	1.70	4.477	27.374

CAST EP6-92-DI -076 LAT 06 00.0S LONG 110 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
173.	12.233	34.897	0.66	12.210	26.469
198.	11.878	34.873	0.88	11.852	26.519
229.	11.255	34.830	0.97	11.226	26.602
260.	10.822	34.798	0.48	10.790	26.656
291.	10.509	34.779	0.31	10.474	26.698
328.	10.188	34.759	0.28	10.149	26.739
378.	9.662	34.728	0.20	9.619	26.804
452.	8.589	34.667	0.14	8.541	26.930
599.	6.827	34.584	0.55	6.770	27.123
799.	5.370	34.545	1.63	5.302	27.279
1000.	4.426	34.550	1.95	4.347	27.392
1001.	4.411	34.550	1.97	4.332	27.393

CAST EP6-92-DI -079 LAT 07 59.7S LONG 110 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	24.083	35.234	0.00	24.082	23.796
9.	24.088	35.235	4.86	24.086	23.795
20.	24.077	35.233	4.89	24.073	23.798
29.	24.091	35.235	4.85	24.085	23.796
40.	22.952	35.228	4.86	22.944	24.124
59.	23.860	35.230	4.83	23.848	23.862
80.	21.876	35.800	4.31	21.860	24.867
103.	19.599	35.620	3.85	19.580	25.346
117.	17.616	35.361	2.64	17.596	25.649
129.	16.127	35.166	2.37	16.106	25.852
140.	14.883	35.049	0.80	14.862	26.041
150.	13.970	34.988	0.34	13.948	26.189

CAST EP6-92-DI -077 LAT 05 59.9S LONG 110 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	24.245	35.324	4.85	24.245	23.816
10.	24.244	35.324	4.84	24.242	23.816
20.	24.217	35.319	4.85	24.213	23.821
29.	24.211	35.318	4.84	24.205	23.823
40.	24.149	35.308	4.85	24.141	23.835
59.	24.137	35.307	4.83	24.125	23.839
79.	22.407	35.675	4.25	22.391	24.622
99.	19.552	35.628	3.61	19.534	25.364
120.	16.344	35.224	1.95	16.325	25.846
129.	14.880	35.067	0.74	14.861	26.055
140.	13.825	34.999	0.39	13.805	26.228
150.	13.167	34.951	0.33	13.146	26.326

CAST EP6-92-DI -080 LAT 10 00.0S LONG 110 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
173.	14.516	34.954	1.90	14.490	26.048
199.	12.688	34.830	0.19	12.661	26.329
229.	11.695	34.806	0.42	11.666	26.502
259.	10.903	34.778	0.86	10.871	26.626
290.	10.479	34.799	0.76	10.444	26.719
331.	9.995	34.746	0.31	9.957	26.761
379.	9.593	34.720	0.33	9.550	26.810
450.	8.798	34.673	0.48	8.749	26.902
599.	7.289	34.593	0.52	7.230	27.066
799.	5.722	34.541	1.10	5.652	27.234
1003.	4.661	34.540	1.62	4.580	27.358
1002.	4.663	34.539	1.65	4.582	27.357

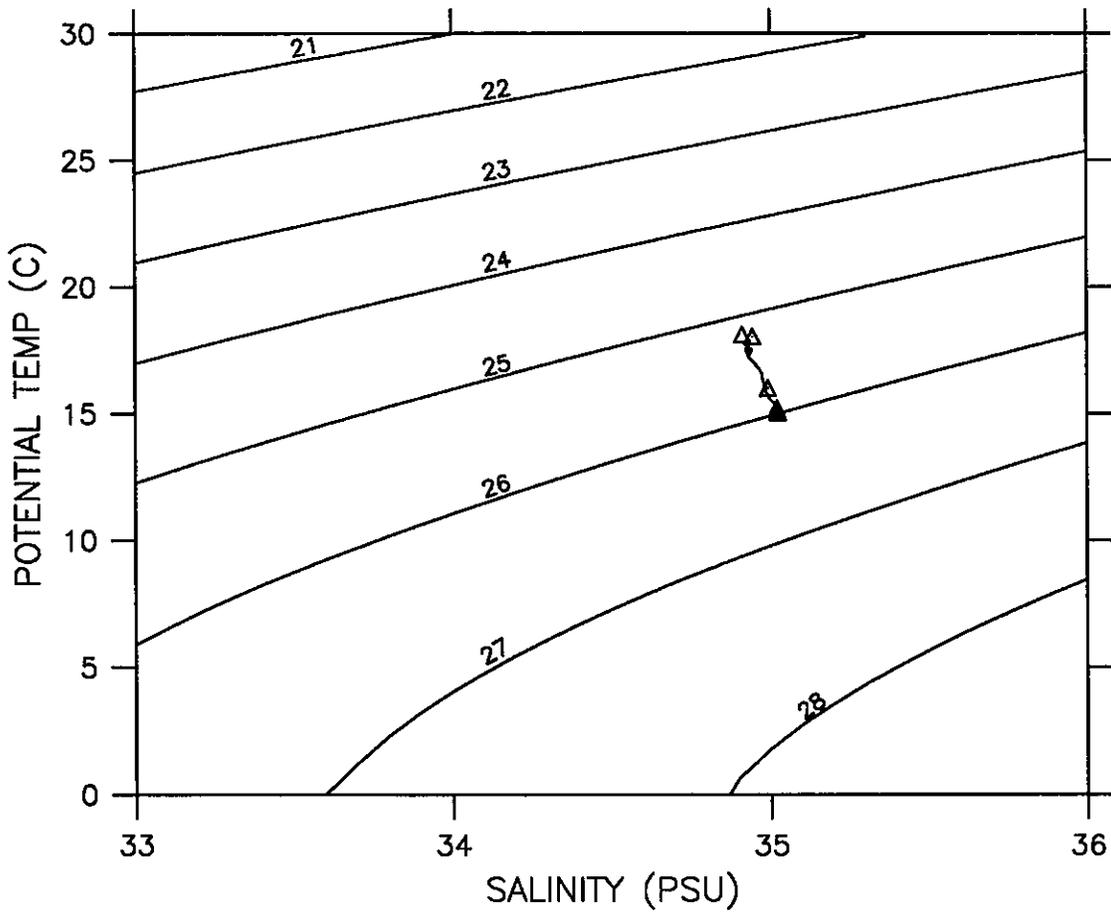
CAST EP6-92-DI -081 LAT 09 59.9S LONG 109 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	23.890	35.092	4.91	23.889	23.745
10.	23.885	35.092	4.91	23.883	23.747
19.	23.888	35.091	4.91	23.884	23.746
30.	23.765	35.084	4.91	23.759	23.778
39.	23.587	35.091	4.91	23.579	23.836
81.	21.196	35.034	4.15	21.181	24.472
98.	21.073	35.567	3.96	21.054	24.912
120.	19.498	35.584	3.81	19.476	25.346
129.	19.112	35.527	3.69	19.089	25.402
139.	18.225	35.416	3.48	18.201	25.542
150.	17.297	35.311	3.41	17.272	25.689

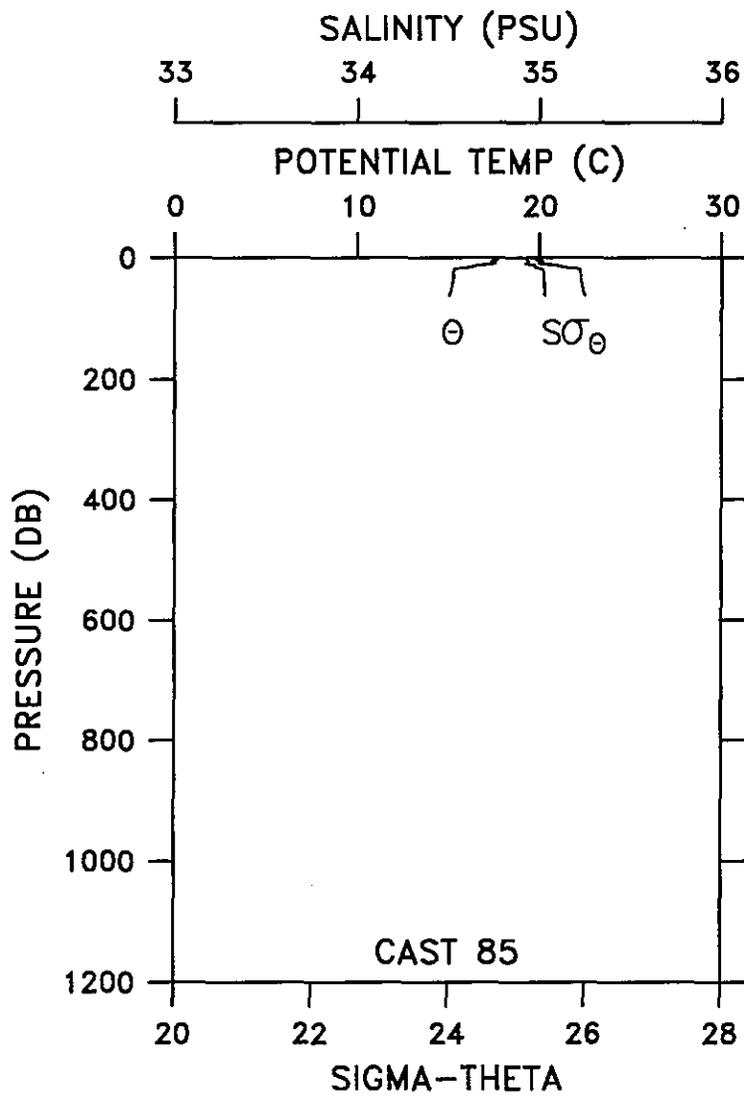


EP7-92-DI
November 19–December 8, 1992
CTD and Hydrographic Data Summary

CAST EP7-92-DI -085 DATE 20 NOV 92 TIME 2012 GMT
LAT 05 00.0S LONG 081 20.0W



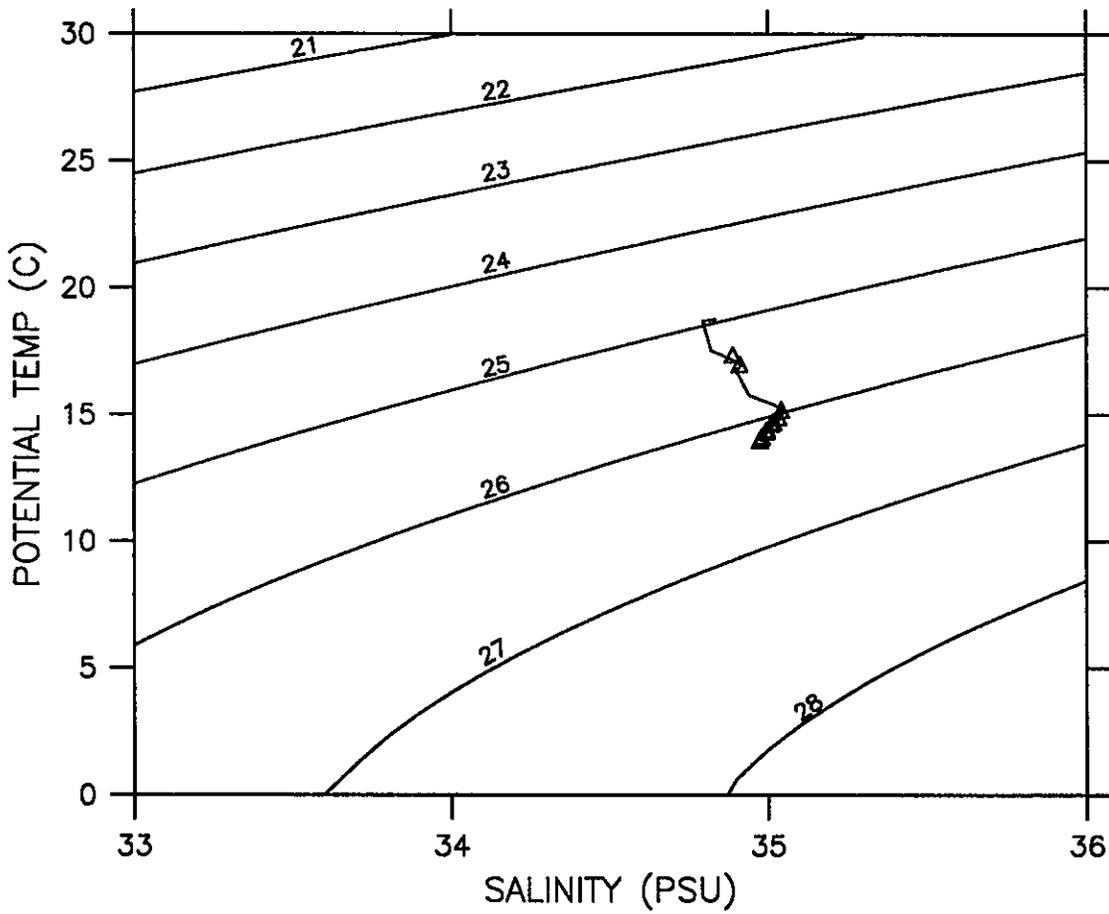
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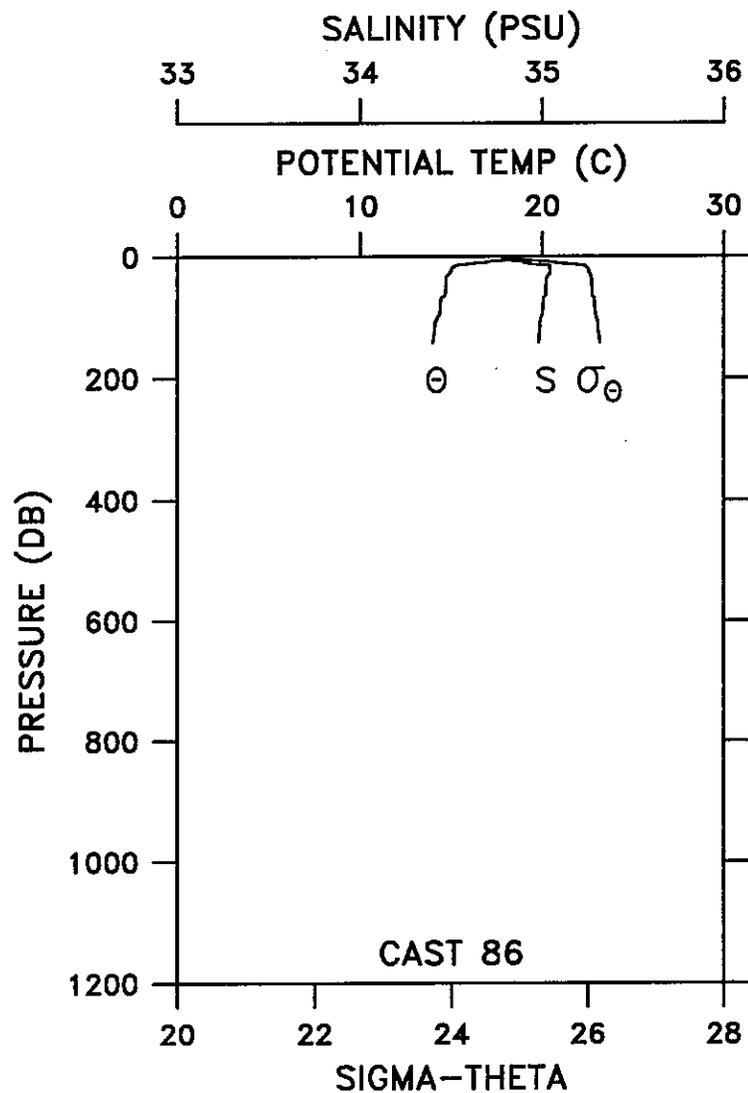


CAST EP7-92-DI -085 DATE 20 NOV 92 TIME 2012 GMT
 LAT 05 00.0S LONG 081 20.0W WEATHER 1 SEA STATE 3
 BAROMETER 08 WIND DIR 200 T SPD 20 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.2 WET 19.2 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	17.704	34.924	25.288	0.000
10	17.563	34.922	25.320	0.026
20	15.279	35.018	25.925	0.049
30	15.259	35.022	25.933	0.070
40	15.221	35.023	25.942	0.091
50	15.141	35.026	25.962	0.111
60	15.035	35.028	25.987	0.132
61	15.032	35.029	25.988	0.134

CAST EP7-92-DI -086 DATE 20 NOV 92 TIME 2202 GMT
LAT 05 00.0S LONG 081 30.0W

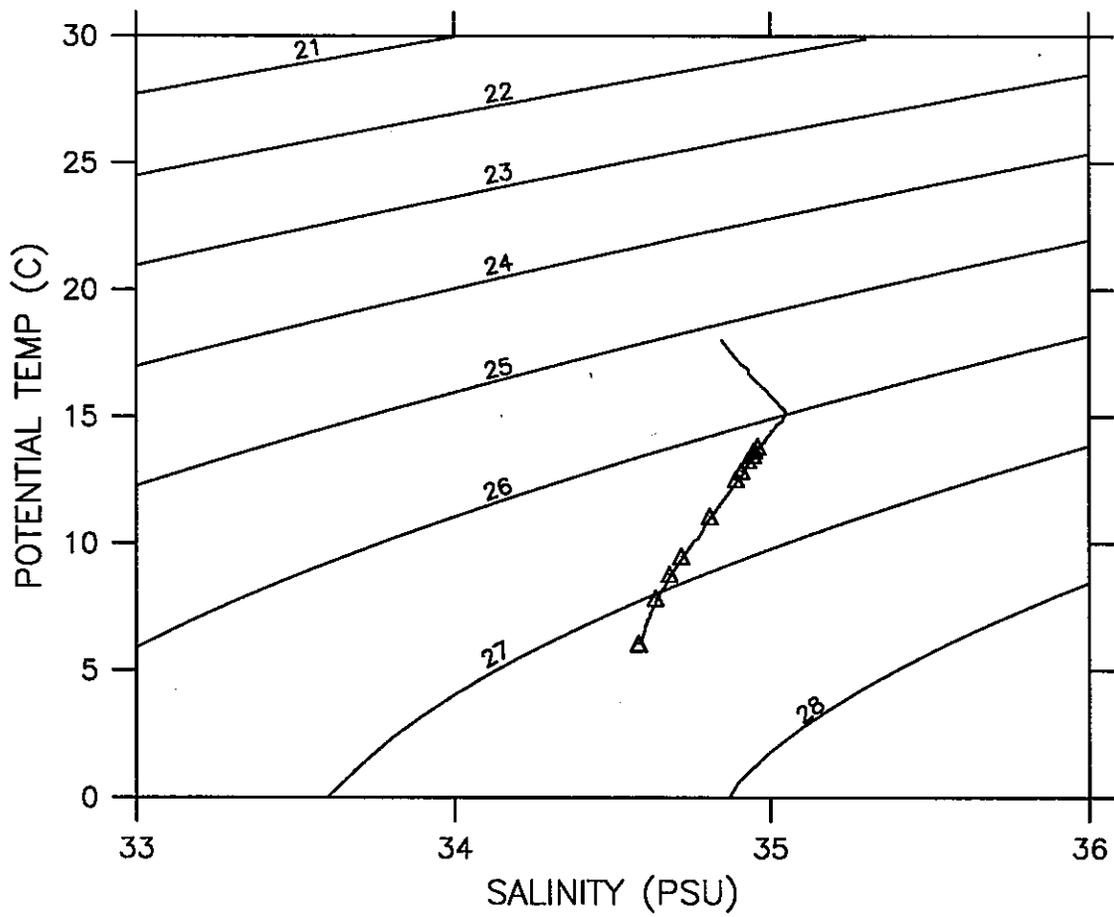


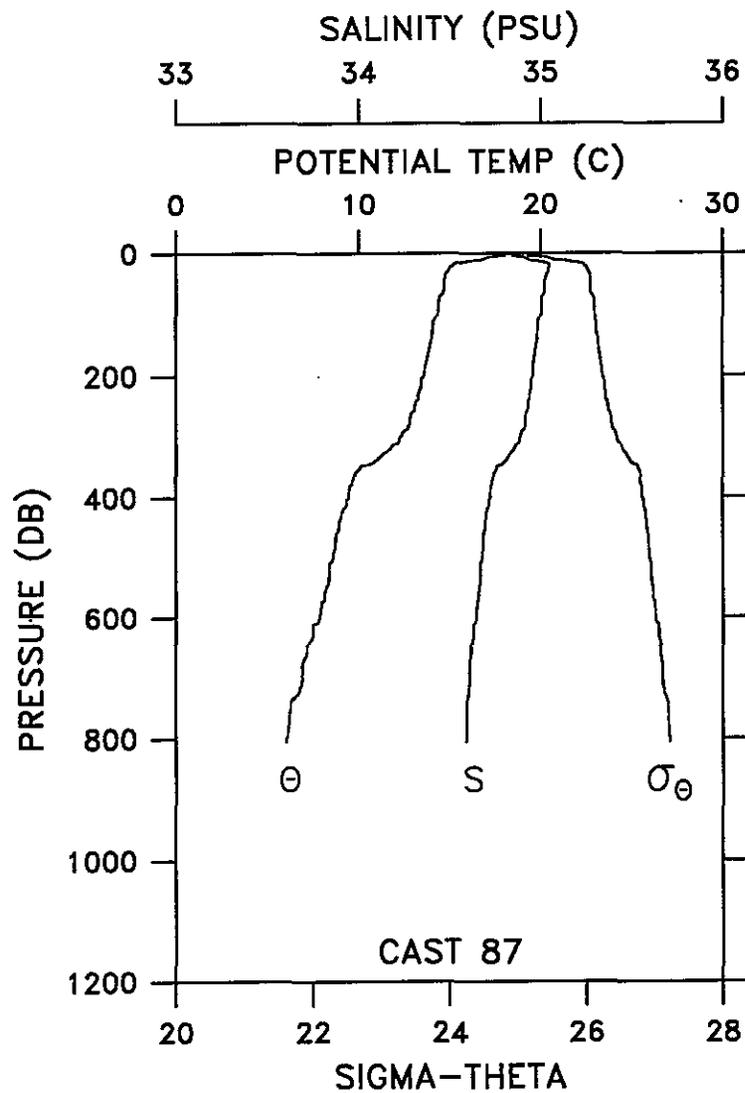


CAST EP7-92-DI-086 DATE 20 NOV 92 TIME 2202 GMT
 LAT 05 00.0S LONG 081 30.0W WEATHER 2 SEA STATE 3
 BAROMETER 08 WIND DIR 200 T SPD 16 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.0 WET 19.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	18.750	34.834	24.959	0.000
10	16.746	34.898	25.497	0.028
20	15.035	35.040	25.996	0.050
30	14.836	35.038	26.038	0.070
40	14.700	35.023	26.056	0.089
50	14.678	35.020	26.059	0.109
60	14.661	35.019	26.061	0.128
70	14.431	35.006	26.101	0.148
80	14.402	35.004	26.106	0.167
90	14.373	35.002	26.110	0.186
100	14.250	34.994	26.130	0.205
110	14.115	34.987	26.154	0.224
120	14.089	34.985	26.158	0.243
130	14.038	34.982	26.166	0.262
140	13.986	34.981	26.176	0.281
142	13.978	34.981	26.178	0.285

CAST EP7-92-DI -087 DATE 21 NOV 92 TIME 0000 GMT
LAT 05 00.0S LONG 081 30.0W



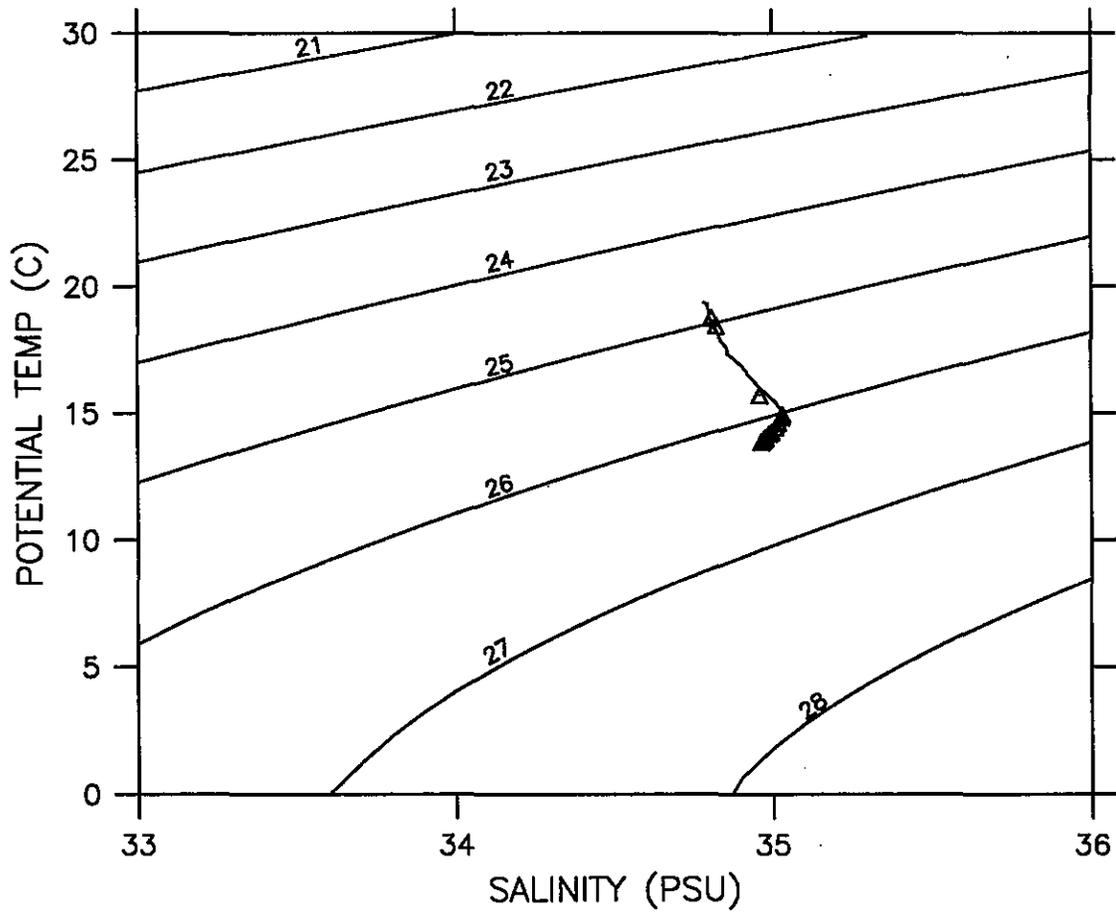


CAST EP7-92-DI -087 DATE 21 NOV 92 TIME 0000 GMT
 LAT 05 00.0S LONG 081 30.0W WEATHER 2 SEA STATE 3
 BAROMETER 10 WIND DIR 190 T SPD 16 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.0 WET 19.1 DEPTH M

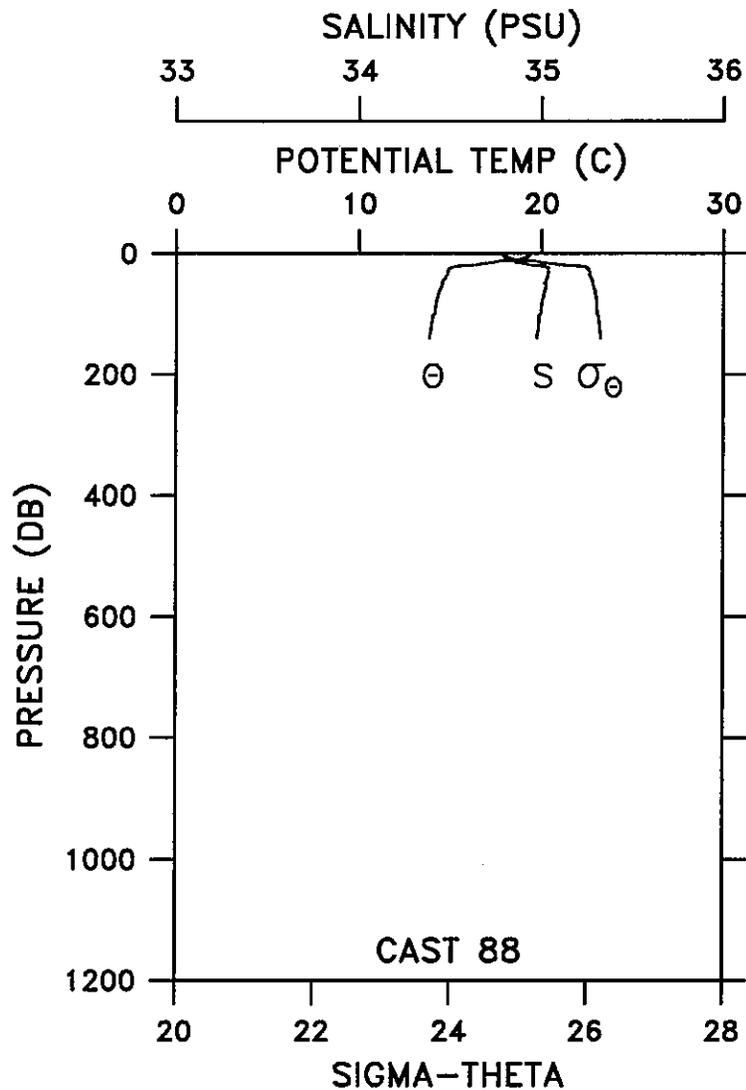
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	18.006	34.846	25.154	0.000
10	16.810	34.932	25.508	0.027
20	15.175	35.045	25.969	0.048
30	14.884	35.039	26.028	0.068
40	14.722	35.026	26.054	0.088
50	14.677	35.020	26.059	0.108
60	14.670	35.020	26.060	0.127
70	14.465	35.008	26.095	0.147
80	14.388	35.004	26.109	0.166
90	14.363	35.002	26.113	0.185
100	14.332	35.000	26.117	0.204
110	14.172	34.990	26.144	0.223
120	14.097	34.986	26.157	0.242
130	14.082	34.985	26.159	0.261
140	14.017	34.984	26.172	0.280
150	13.928	34.975	26.184	0.299
160	13.878	34.971	26.191	0.317
170	13.785	34.965	26.206	0.336
180	13.715	34.961	26.217	0.354
190	13.643	34.958	26.230	0.373
200	13.589	34.958	26.241	0.391
250	13.092	34.930	26.321	0.481
300	12.306	34.887	26.443	0.567
350	10.073	34.757	26.750	0.644
400	9.465	34.724	26.827	0.710
450	8.920	34.694	26.892	0.774
500	8.611	34.678	26.928	0.835
550	8.233	34.662	26.974	0.895
600	7.858	34.645	27.017	0.953
650	7.196	34.621	27.093	1.008
700	6.939	34.612	27.121	1.060
750	6.282	34.597	27.198	1.111
800	6.059	34.592	27.223	1.159
805	6.038	34.591	27.224	1.164

CAST EP7-92-DI -088 DATE 21 NOV 92 TIME 0138 GMT

LAT 05 00.0S LONG 081 40.1W

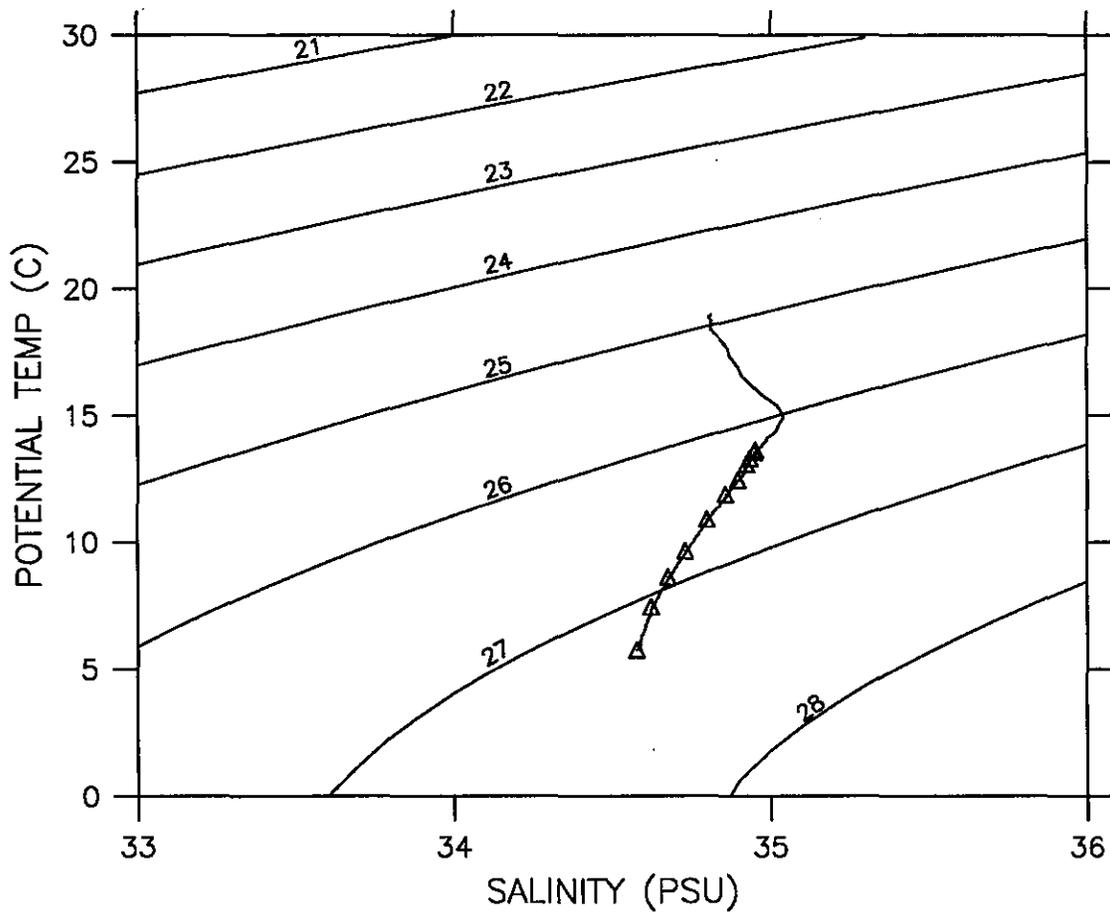


CAST EP7-92-DI-088 DATE 21 NOV 92 TIME 0138 GMT
 LAT 05 00.0S LONG 081 40.1W WEATHER 2 SEA STATE
 BAROMETER 11 WIND DIR 185 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.0 WET 19.0 DEPTH M

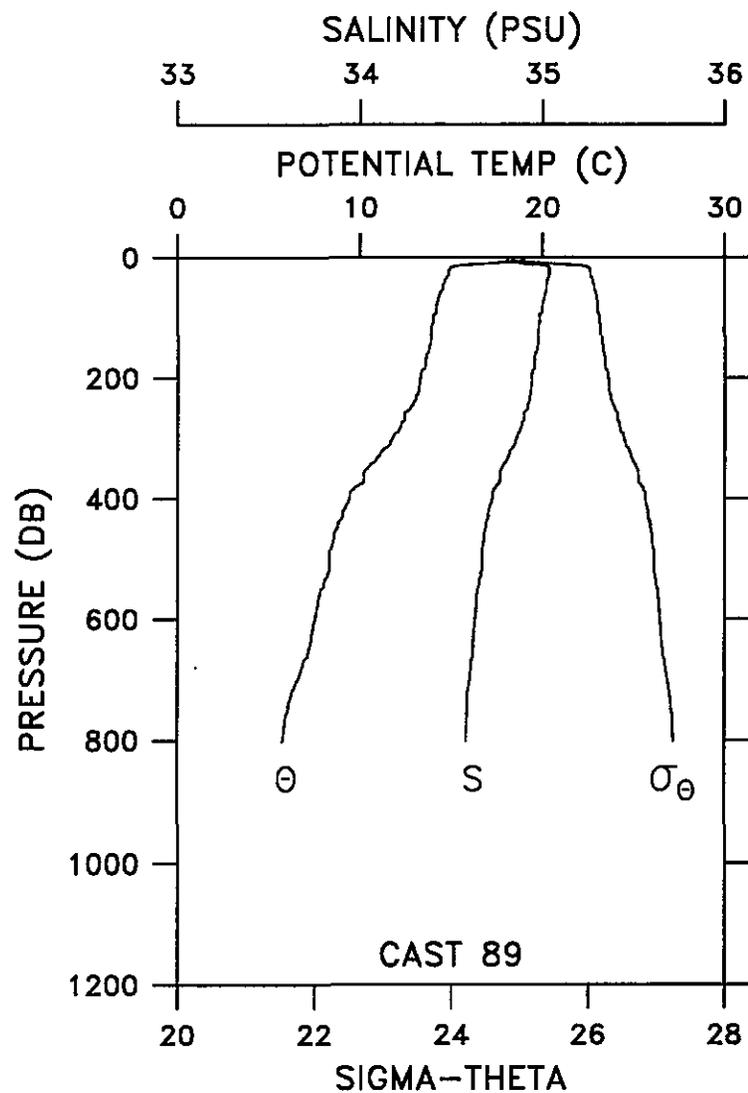


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.358	34.783	24.765	0.000
10	18.754	34.800	24.932	0.031
20	16.045	34.958	25.706	0.058
30	14.862	35.037	26.032	0.078
40	14.737	35.031	26.054	0.098
50	14.559	35.016	26.081	0.117
60	14.433	35.019	26.111	0.136
70	14.315	35.011	26.130	0.155
80	14.244	35.004	26.139	0.174
90	14.185	34.998	26.147	0.193
100	14.146	34.994	26.152	0.212
110	14.016	34.986	26.174	0.231
120	13.950	34.981	26.184	0.249
130	13.918	34.979	26.189	0.268
140	13.852	34.973	26.198	0.286
141	13.852	34.973	26.198	0.288

CAST EP7-92-DI -089 DATE 21 NOV 92 TIME 0314 GMT
LAT 05 00.0S LONG 081 40.1W



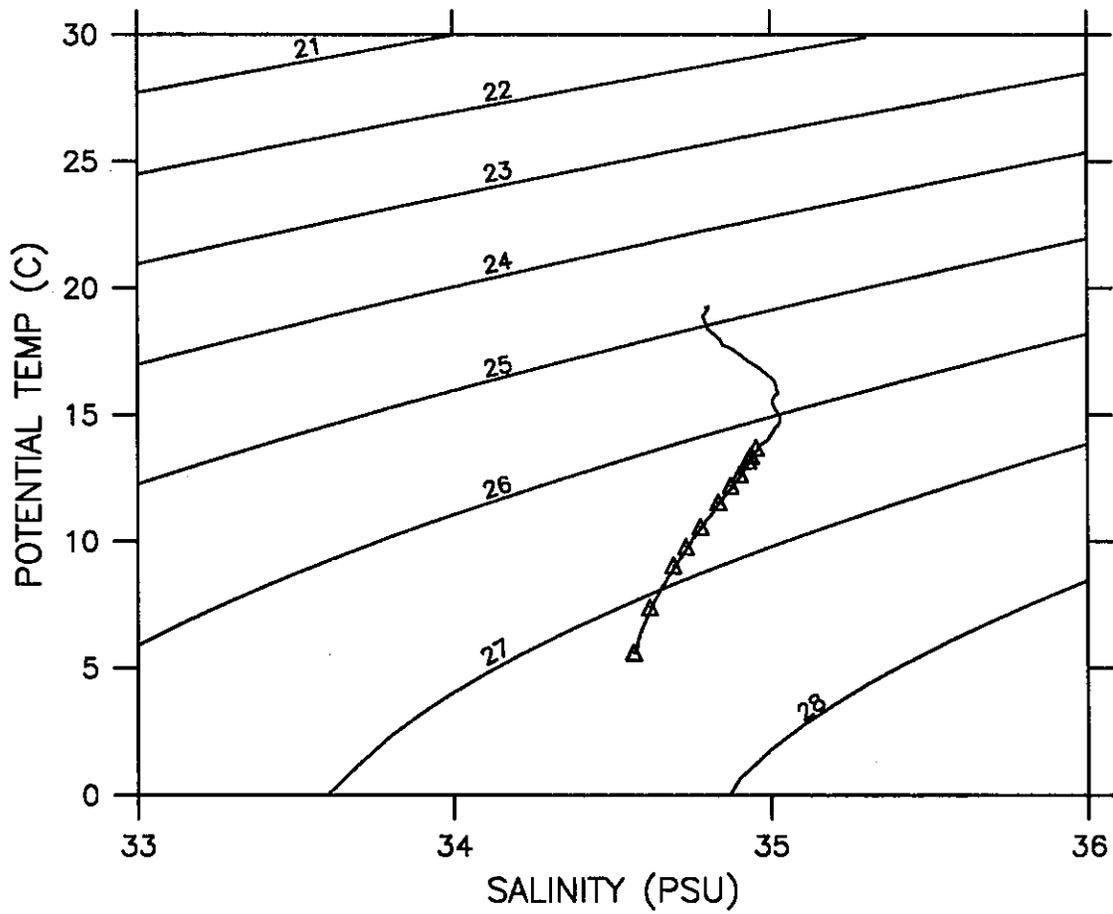
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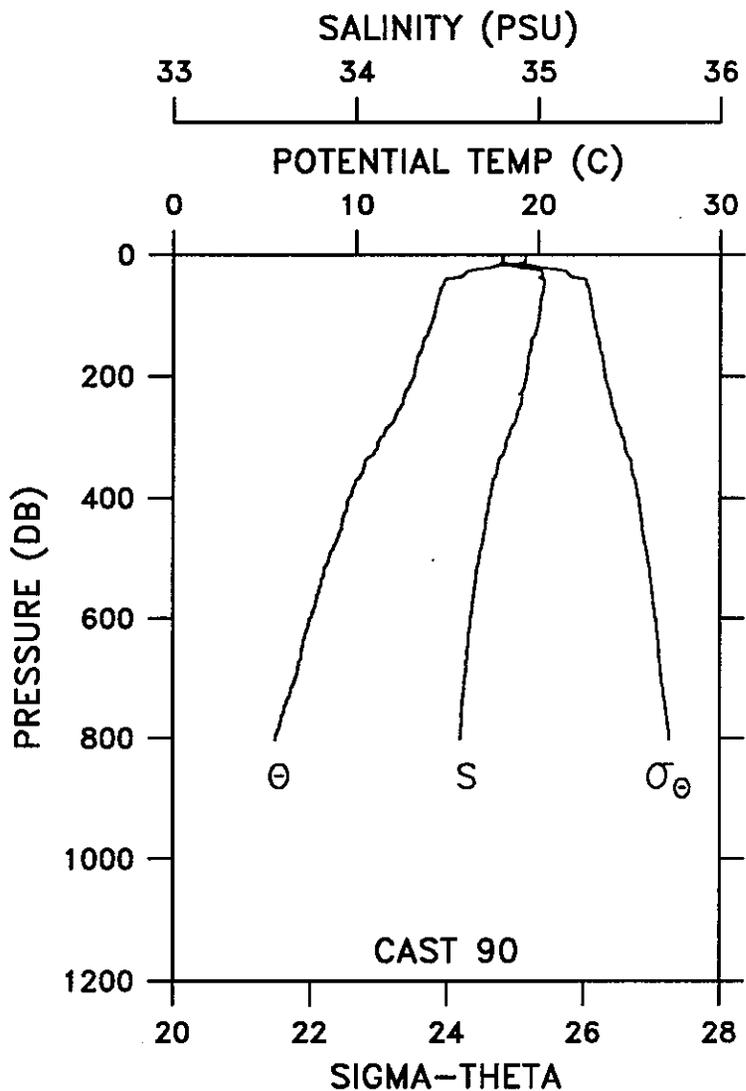
CAST EP7-92-DI -089 DATE 21 NOV 92 TIME 0314 GMT
 LAT 05 00.0S LONG 081 40.1W WEATHER 2 SEA STATE
 BAROMETER 12 WIND DIR 135 T SPD 08 KT VISIBILITY 7
 CLOUD AMOUNT DRY 19.6 WET 19.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	18.876	34.805	24.905	0.000
10	17.343	34.870	25.334	0.030
20	14.910	35.039	26.023	0.051
30	14.848	35.037	26.035	0.071
40	14.652	35.026	26.069	0.091
50	14.546	35.023	26.089	0.110
60	14.393	35.016	26.117	0.129
70	14.290	35.009	26.134	0.148
80	14.210	35.001	26.144	0.167
90	14.187	34.999	26.148	0.186
100	14.033	34.987	26.171	0.205
110	13.999	34.985	26.177	0.223
120	13.930	34.980	26.187	0.242
130	13.886	34.976	26.193	0.260
140	13.847	34.973	26.199	0.279
150	13.763	34.968	26.213	0.297
160	13.640	34.958	26.231	0.316
170	13.583	34.954	26.239	0.334
180	13.546	34.953	26.246	0.352
190	13.359	34.944	26.278	0.370
200	13.283	34.939	26.289	0.388
250	12.739	34.916	26.381	0.476
300	11.773	34.857	26.522	0.558
350	10.392	34.775	26.709	0.633
400	9.402	34.722	26.836	0.701
450	8.719	34.685	26.917	0.763
500	8.314	34.667	26.965	0.823
550	7.836	34.645	27.020	0.881
600	7.529	34.630	27.053	0.937
650	7.174	34.619	27.094	0.992
700	6.589	34.602	27.161	1.044
750	6.044	34.586	27.220	1.092
800	5.762	34.580	27.251	1.139
801	5.750	34.580	27.252	1.140

CAST EP7-92-DI -090 DATE 21 NOV 92 TIME 0515 GMT
LAT 05 00.0S LONG 081 50.0W

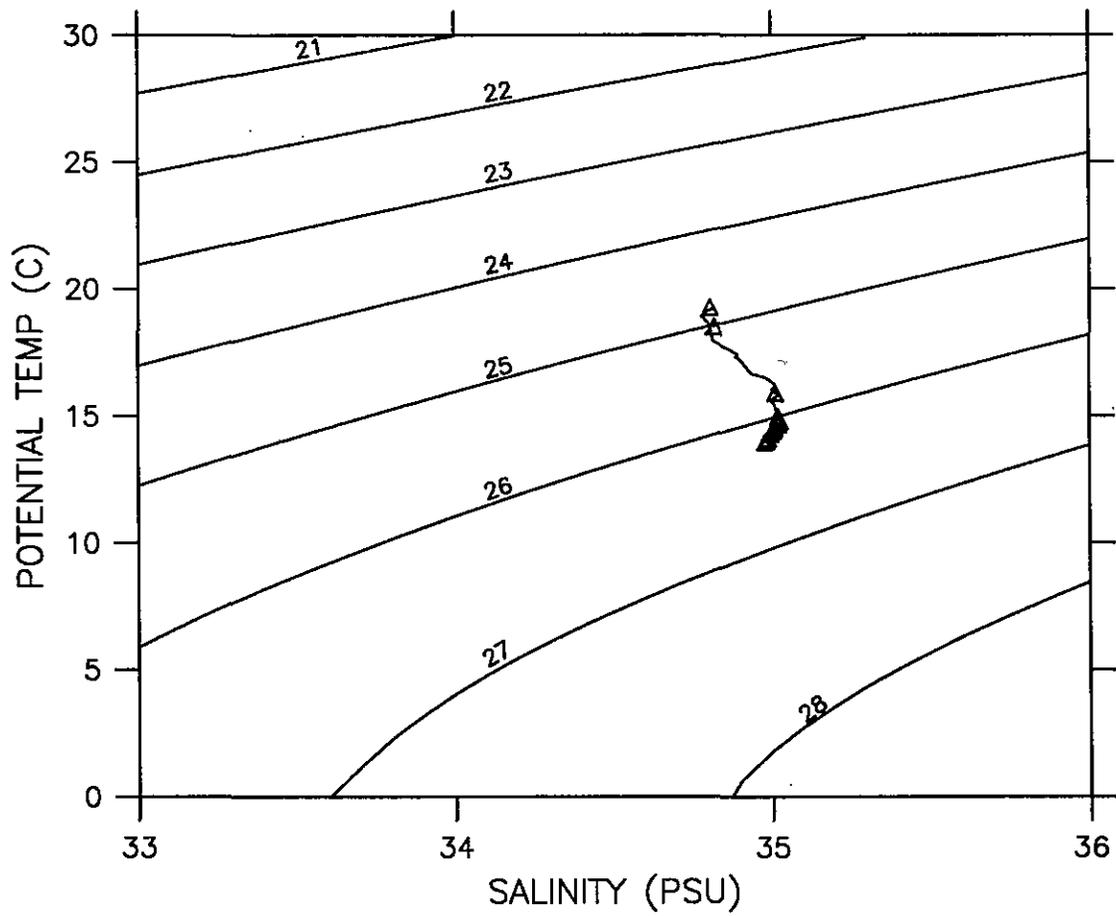


CAST EP7-92-DI -090 DATE 21 NOV 92 TIME 0515 GMT
 LAT 05 00.0S LONG 081 50.0W WEATHER 2 SEA STATE
 BAROMETER 11 WIND DIR 144 T SPD 08 KT VISIBILITY 7
 CLOUD AMOUNT DRY 19.8 WET 18.9 DEPTH M

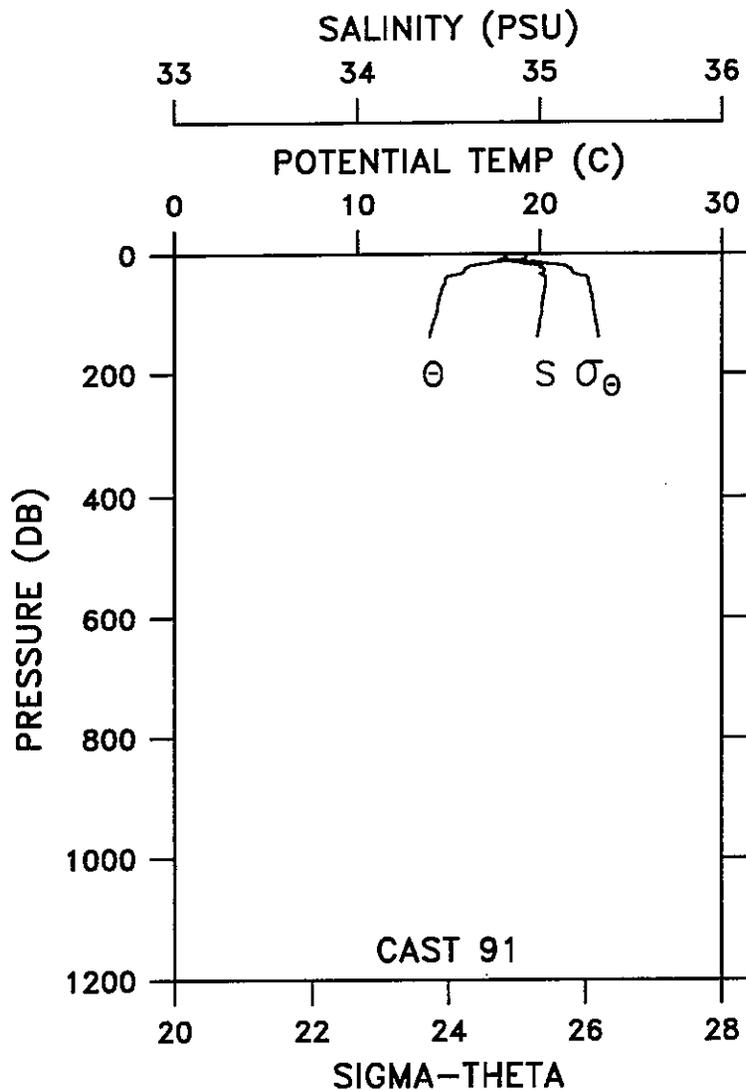


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.285	34.806	24.801	0.000
10	19.291	34.807	24.801	0.031
20	17.509	34.890	25.309	0.061
30	16.008	35.018	25.761	0.085
40	14.951	35.029	26.006	0.107
50	14.769	35.030	26.047	0.126
60	14.615	35.026	26.077	0.146
70	14.516	35.016	26.091	0.165
80	14.422	35.012	26.108	0.185
90	14.344	35.009	26.122	0.204
100	14.263	35.003	26.135	0.223
110	14.158	34.999	26.154	0.242
120	14.038	34.992	26.174	0.260
130	13.934	34.983	26.189	0.279
140	13.734	34.964	26.216	0.298
150	13.651	34.960	26.230	0.316
160	13.550	34.956	26.248	0.334
170	13.357	34.944	26.278	0.352
180	13.307	34.942	26.287	0.370
190	13.230	34.939	26.300	0.387
200	13.174	34.936	26.309	0.405
250	12.464	34.900	26.422	0.491
300	11.392	34.833	26.574	0.571
350	10.434	34.777	26.703	0.644
400	9.608	34.732	26.809	0.712
450	9.210	34.709	26.857	0.777
500	8.517	34.675	26.941	0.839
550	8.005	34.651	27.000	0.898
600	7.478	34.629	27.060	0.955
650	7.042	34.612	27.107	1.008
700	6.690	34.599	27.145	1.061
750	6.088	34.582	27.211	1.110
800	5.621	34.576	27.265	1.157
802	5.614	34.575	27.265	1.159

CAST EP7-92-DI -091 DATE 21 NOV 92 TIME 0658 GMT
LAT 05 00.0S LONG 081 50.0W

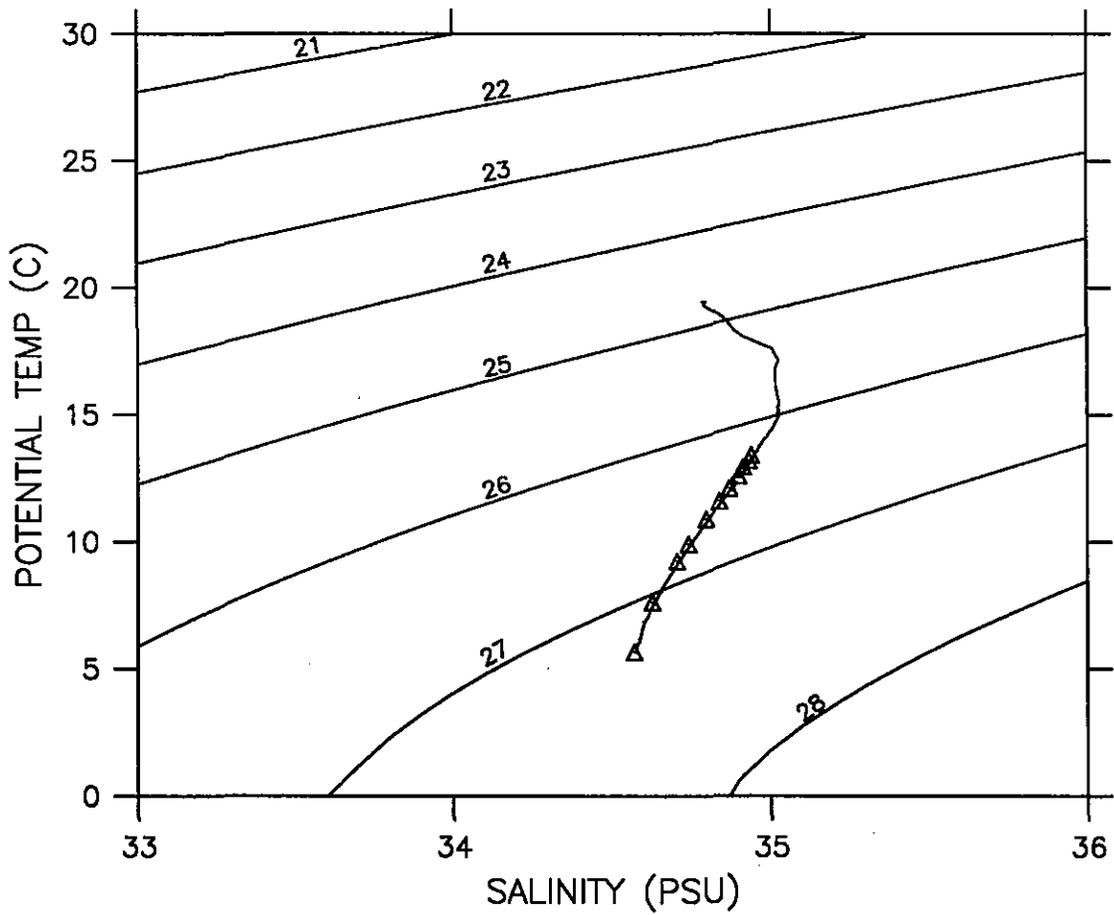


CAST EP7-92-DI-091 DATE 21 NOV 92 TIME 0658 GMT
 LAT 05 00.0S LONG 081 50.0W WEATHER 2 SEA STATE
 BAROMETER 11 WIND DIR 147 T SPD 07 KT VISIBILITY 7
 CLOUD AMOUNT DRY 19.8 WET 19.2 DEPTH M

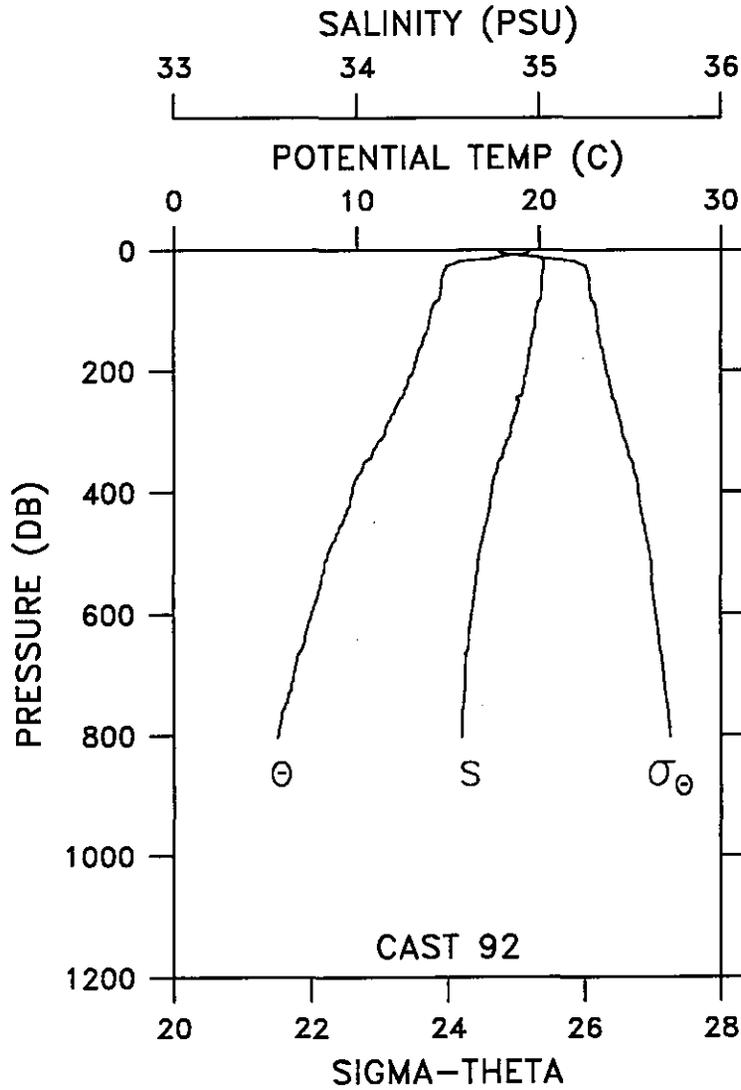


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.238	34.816	24.821	0.000
10	18.921	34.776	24.871	0.031
20	16.256	35.010	25.697	0.058
30	15.812	35.022	25.808	0.080
40	14.878	35.027	26.020	0.101
50	14.781	35.031	26.045	0.121
60	14.631	35.027	26.074	0.140
70	14.514	35.018	26.093	0.160
80	14.439	35.015	26.106	0.179
90	14.379	35.009	26.115	0.198
100	14.324	35.010	26.127	0.217
110	14.216	35.002	26.144	0.236
120	14.091	34.995	26.165	0.255
130	14.013	34.991	26.178	0.274
140	13.951	34.986	26.187	0.292
140	13.951	34.986	26.187	0.292

CAST EP7-92-DI -092 DATE 21 NOV 92 TIME 0905 GMT
LAT 05 00.0S LONG 082 00.0W

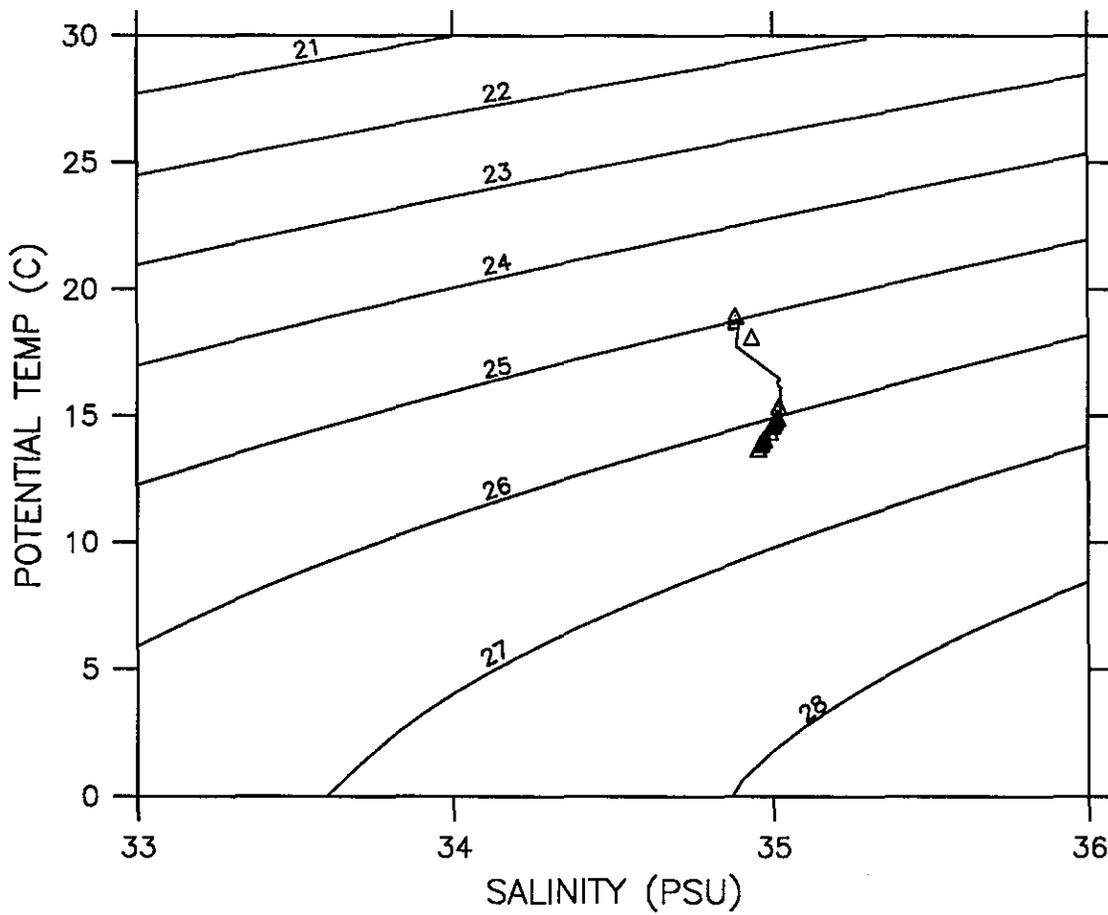


CAST EP7-92-DI -092 DATE 21 NOV 92 TIME 0905 GMT
 LAT 05 00.0S LONG 082 00.0W WEATHER 2 SEA STATE
 BAROMETER 11 WIND DIR 150 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 19.8 WET 19.0 DEPTH M

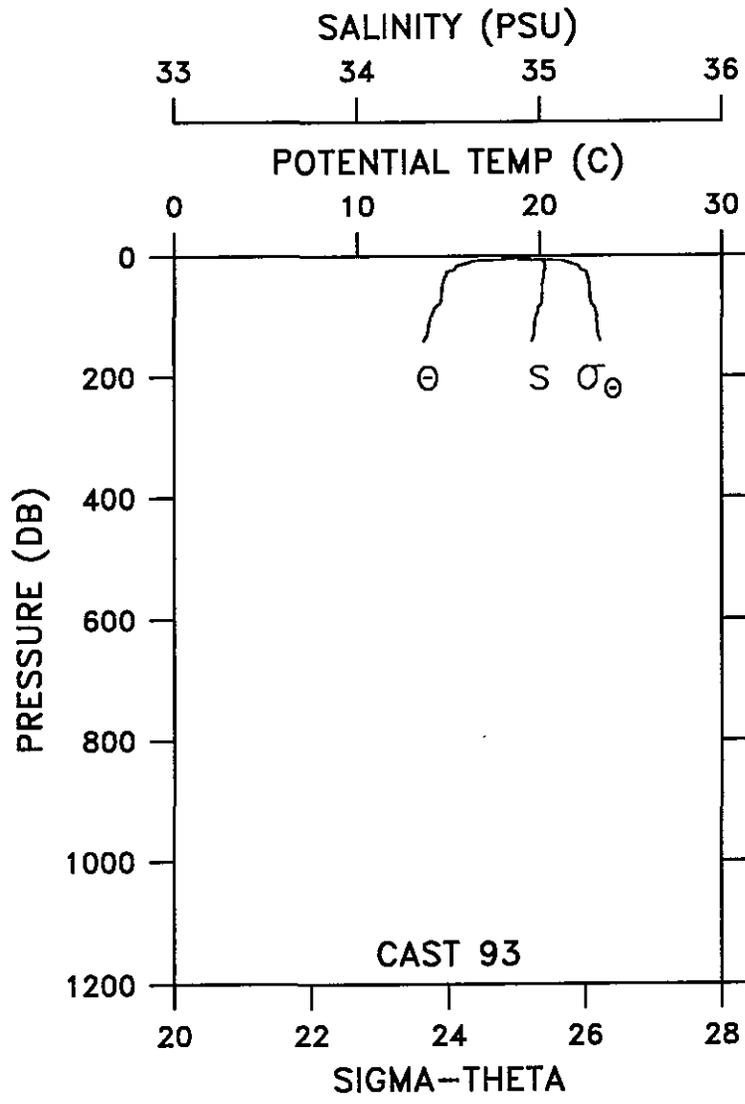


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.433	34.796	24.756	0.000
10	18.073	34.911	25.187	0.031
20	15.515	35.026	25.879	0.055
30	14.871	35.023	26.019	0.076
40	14.726	35.016	26.045	0.095
50	14.643	35.012	26.060	0.115
60	14.615	35.011	26.065	0.134
70	14.574	35.009	26.073	0.154
80	14.510	35.009	26.086	0.173
90	14.187	34.990	26.141	0.193
100	14.065	34.981	26.160	0.211
110	14.011	34.977	26.168	0.230
120	13.934	34.975	26.183	0.249
130	13.885	34.972	26.190	0.267
140	13.767	34.962	26.207	0.286
150	13.652	34.960	26.230	0.304
160	13.551	34.956	26.247	0.322
170	13.383	34.946	26.274	0.340
180	13.301	34.943	26.289	0.358
190	13.191	34.938	26.307	0.376
200	13.112	34.933	26.319	0.393
250	12.318	34.891	26.444	0.478
300	11.571	34.845	26.551	0.558
350	10.463	34.779	26.700	0.633
400	9.755	34.739	26.790	0.701
450	9.211	34.711	26.859	0.767
500	8.417	34.669	26.951	0.829
550	8.052	34.654	26.995	0.887
600	7.555	34.630	27.049	0.944
650	7.104	34.615	27.101	0.998
700	6.568	34.595	27.158	1.050
750	6.097	34.588	27.215	1.099
800	5.719	34.578	27.254	1.146
803	5.664	34.577	27.260	1.149

CAST EP7-92-DI -093 DATE 21 NOV 92 TIME 1039 GMT
LAT 05 00.0S LONG 082 00.0W



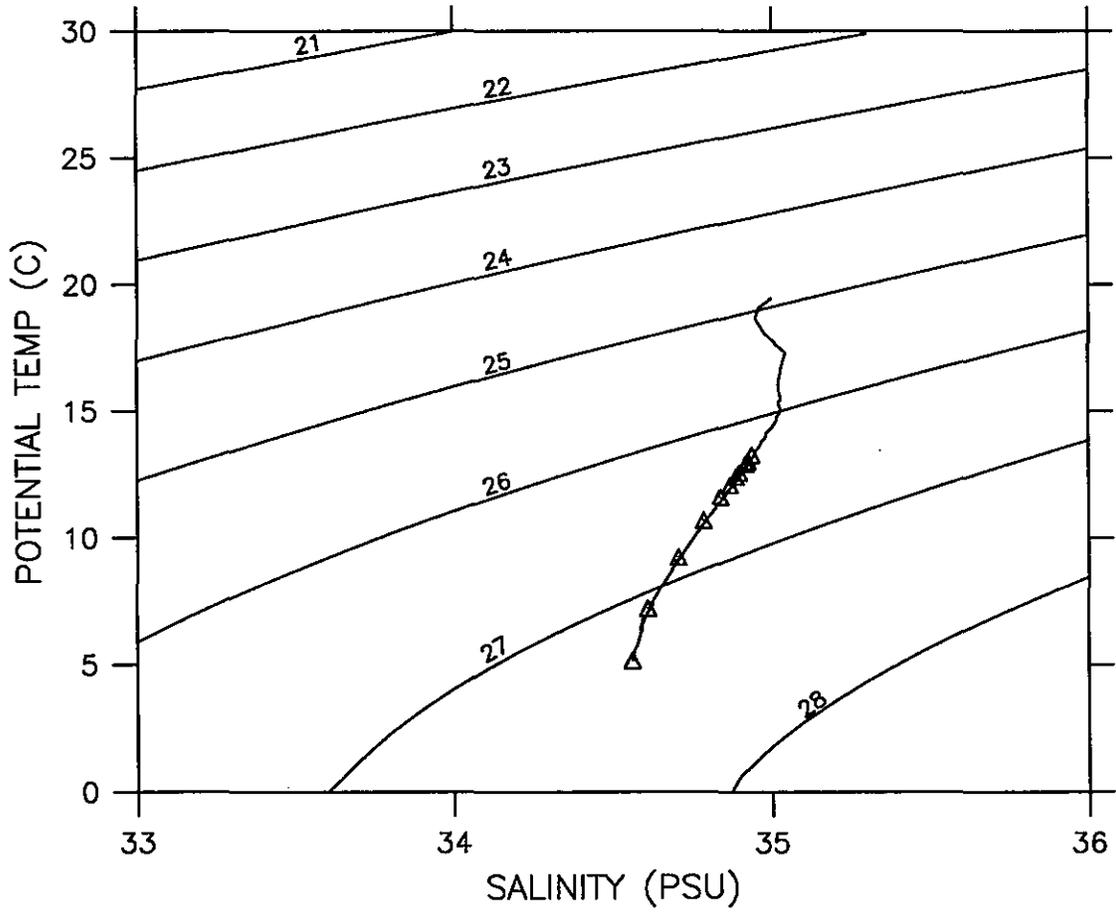
625



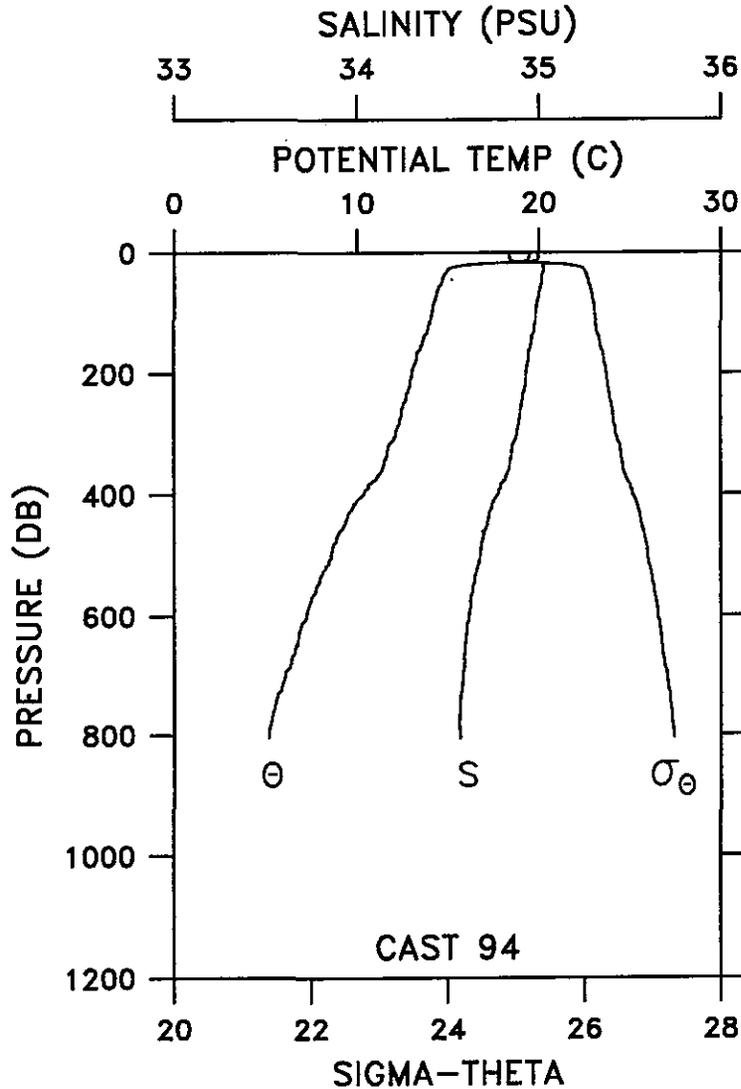
CAST EP7-92-D1-093 DATE 21 NOV 92 TIME 1039 GMT
 LAT 05 00.0S LONG 082 00.0W WEATHER 1 SEA STATE
 BAROMETER 13 WIND DIR 150 T SPD 10 KT VISIBILITY 6
 CLOUD AMOUNT DRY 19.8 WET 19.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	18.678	34.864	25.000	0.000
10	16.210	35.018	25.714	0.027
20	15.361	35.027	25.914	0.049
30	14.871	35.024	26.020	0.069
40	14.736	35.015	26.042	0.089
50	14.645	35.012	26.060	0.109
60	14.621	35.011	26.064	0.128
70	14.593	35.010	26.069	0.148
80	14.479	35.007	26.091	0.167
90	14.175	34.990	26.143	0.186
100	14.043	34.979	26.163	0.205
110	13.966	34.975	26.176	0.224
120	13.919	34.974	26.185	0.242
130	13.845	34.969	26.196	0.261
140	13.688	34.962	26.224	0.279
141	13.693	34.961	26.222	0.281

CAST EP7-92-DI -094 DATE 21 NOV 92 TIME 1338 GMT
LAT 05 00.1S LONG 082 30.1W

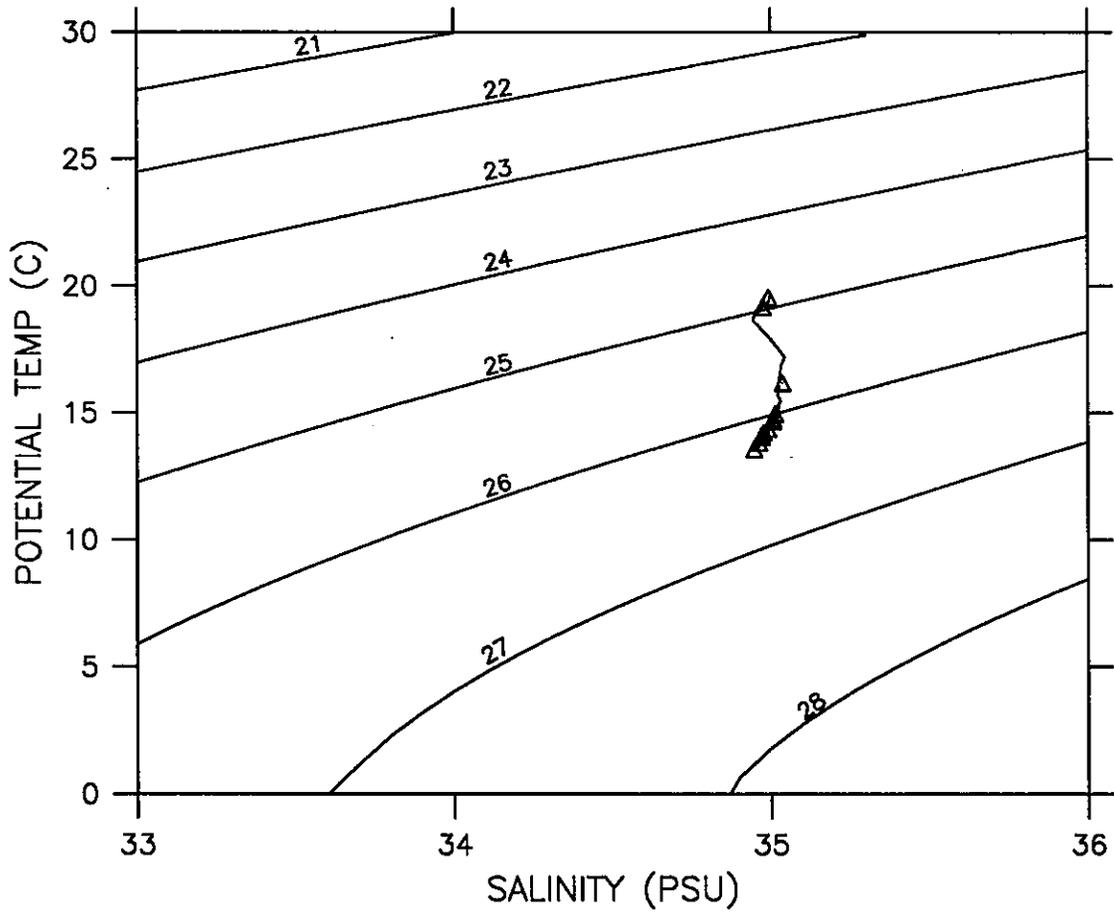


CAST EP7-92-DI-094 DATE 21 NOV 92 TIME 1338 GMT
 LAT 05 00.1S LONG 082 30.1W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 130 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.5 WET 19.8 DEPTH M

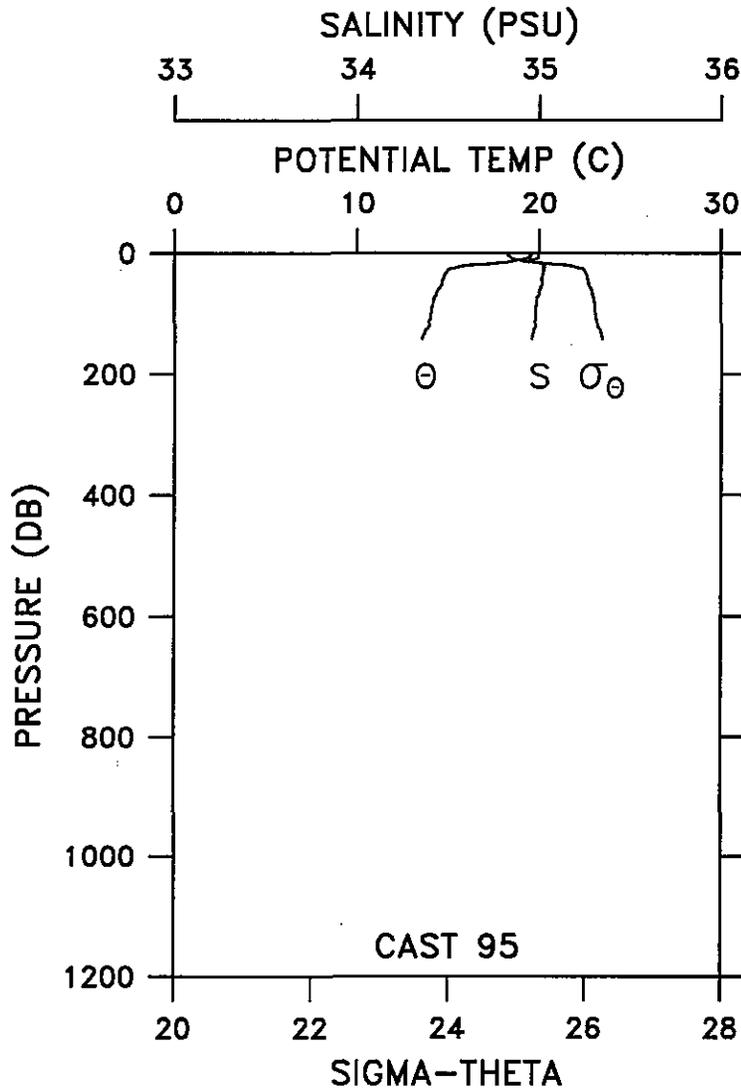


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.469	34.992	24.896	0.000
10	19.435	34.995	24.907	0.030
20	16.052	35.020	25.752	0.059
30	14.960	35.025	26.001	0.079
40	14.758	35.014	26.037	0.099
50	14.644	35.013	26.061	0.119
60	14.466	35.006	26.093	0.138
70	14.373	35.001	26.110	0.158
80	14.258	34.990	26.126	0.177
90	14.175	34.986	26.140	0.196
100	14.122	34.982	26.148	0.215
110	14.068	34.980	26.158	0.233
120	13.973	34.976	26.175	0.252
130	13.921	34.977	26.187	0.271
140	13.728	34.965	26.218	0.289
150	13.633	34.961	26.234	0.307
160	13.524	34.953	26.251	0.326
170	13.337	34.946	26.284	0.343
180	13.277	34.943	26.294	0.361
190	13.138	34.937	26.317	0.379
200	13.063	34.931	26.327	0.396
250	12.589	34.907	26.403	0.482
300	12.171	34.881	26.465	0.565
350	11.506	34.841	26.559	0.645
400	10.391	34.775	26.709	0.719
450	9.322	34.715	26.843	0.787
500	8.603	34.678	26.929	0.849
550	7.816	34.639	27.018	0.908
600	7.261	34.620	27.083	0.963
650	6.687	34.597	27.144	1.015
700	6.081	34.584	27.213	1.064
750	5.517	34.566	27.270	1.110
800	5.169	34.567	27.312	1.153
805	5.164	34.568	27.313	1.158

CAST EP7-92-DI -095 DATE 21 NOV 92 TIME 1517 GMT
LAT 05 00.1S LONG 082 30.1W

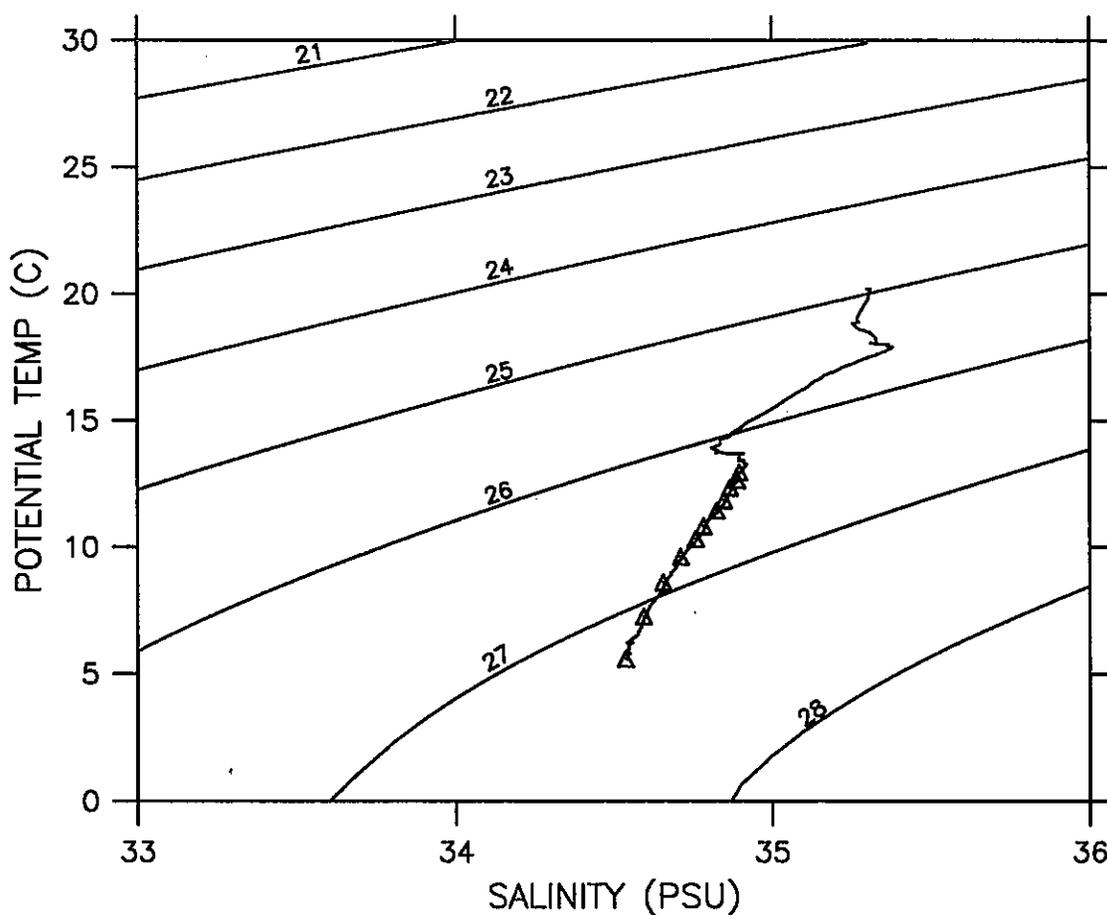


CAST EP7-92-DI-095 DATE 21 NOV 92 TIME 1517 GMT
 LAT 05 00.1S LONG 082 30.1W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 120 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.9 WET 19.8 DEPTH M

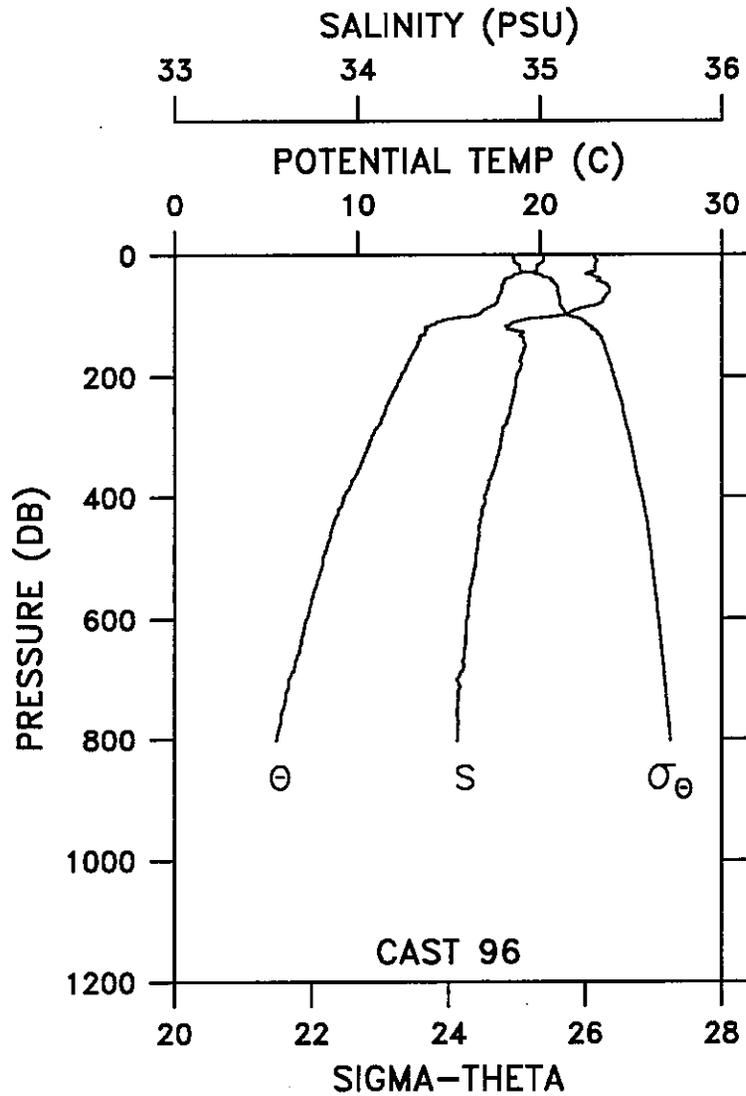


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.550	34.996	24.878	0.000
10	19.182	34.973	24.955	0.030
20	16.124	35.024	25.739	0.058
30	14.958	35.024	26.000	0.078
40	14.763	35.016	26.037	0.098
50	14.669	35.015	26.057	0.118
60	14.459	35.007	26.096	0.137
70	14.342	34.997	26.113	0.157
80	14.190	34.986	26.137	0.176
90	14.127	34.981	26.146	0.194
100	14.067	34.980	26.158	0.213
110	14.019	34.981	26.169	0.232
120	13.927	34.977	26.186	0.251
130	13.719	34.965	26.220	0.269
140	13.555	34.956	26.247	0.287
142	13.543	34.956	26.249	0.291

CAST EP7-92-DI -096 DATE 23 NOV 92 TIME 0450 GMT
LAT 12 51.0S LONG 078 36.9W

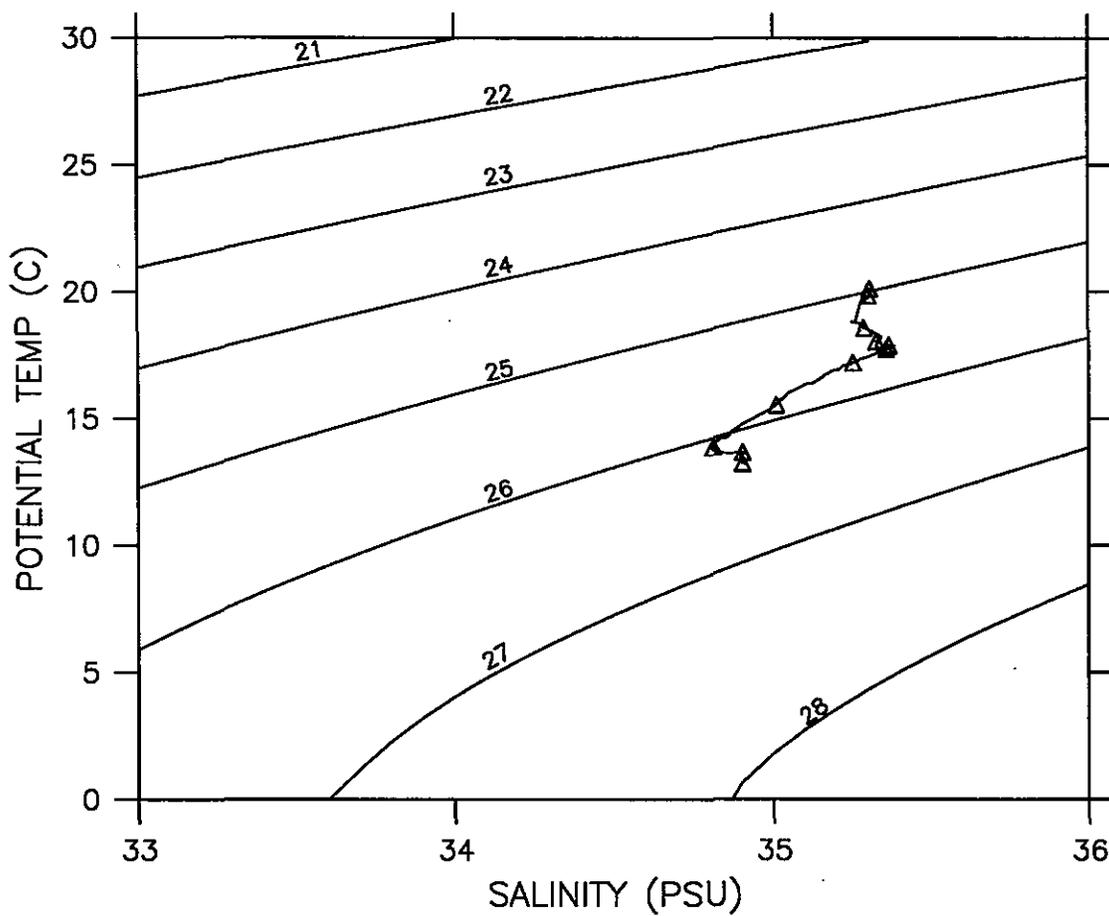


CAST EP7-92-DI-096 DATE 23 NOV 92 TIME 0450 GMT
 LAT 12 51.0S LONG 078 36.9W WEATHER 1 SEA STATE
 BAROMETER 12 WIND DIR 150 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.0 WET 18.3 DEPTH M

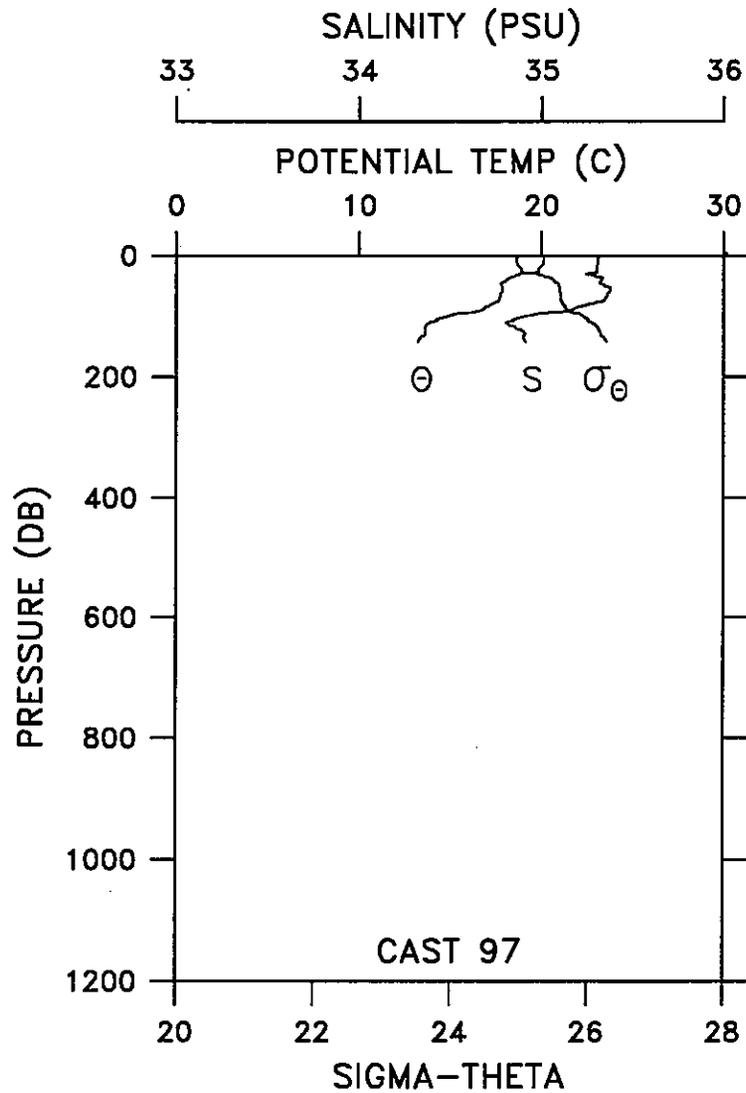


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.196	35.298	24.938	0.000
10	20.181	35.312	24.953	0.030
20	19.832	35.303	25.038	0.060
30	18.890	35.275	25.261	0.088
40	18.086	35.331	25.505	0.114
50	17.918	35.374	25.580	0.139
60	17.876	35.381	25.595	0.163
70	17.717	35.355	25.614	0.187
80	17.573	35.325	25.627	0.211
90	16.916	35.194	25.684	0.234
100	16.303	35.111	25.764	0.258
110	14.351	34.865	26.009	0.279
120	13.726	34.820	26.106	0.299
130	13.699	34.894	26.169	0.318
140	13.386	34.912	26.247	0.336
150	13.258	34.919	26.279	0.354
160	13.069	34.907	26.308	0.371
170	12.861	34.895	26.340	0.389
180	12.719	34.897	26.370	0.406
190	12.571	34.889	26.393	0.423
200	12.383	34.872	26.416	0.439
250	11.570	34.840	26.547	0.519
300	10.787	34.790	26.651	0.594
350	10.150	34.754	26.735	0.665
400	9.264	34.695	26.837	0.732
450	8.629	34.666	26.916	0.795
500	8.146	34.647	26.975	0.854
550	7.675	34.616	27.020	0.912
600	7.231	34.601	27.072	0.967
650	6.832	34.588	27.117	1.020
700	6.231	34.545	27.163	1.071
750	5.933	34.545	27.201	1.120
800	5.584	34.548	27.247	1.167
802	5.575	34.547	27.247	1.169

CAST EP7-92-DI -097 DATE 23 NOV 92 TIME 0623 GMT
LAT 12 51.0S LONG 078 36.9W



633

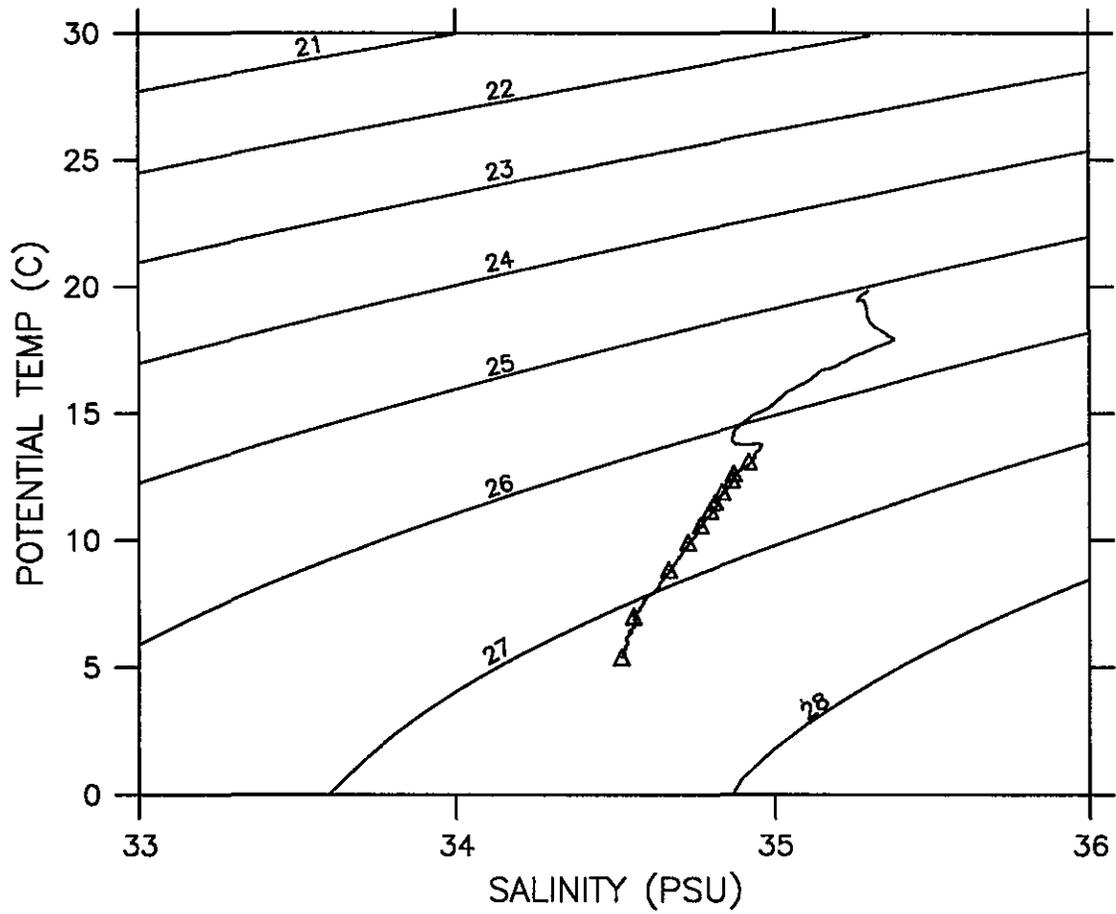


CAST EP7-92-DI -097 DATE 23 NOV 92 TIME 0623 GMT
 LAT 12 51.0S LONG 078 36.9W WEATHER 1 SEA STATE
 BAROMETER 11 WIND DIR 135 T SPD 08 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.0 WET 18.2 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.112	35.310	24.970	0.000
10	20.103	35.309	24.971	0.030
20	19.862	35.304	25.031	0.059
30	18.809	35.246	25.259	0.088
40	18.088	35.331	25.505	0.114
50	17.812	35.349	25.587	0.138
60	17.798	35.369	25.605	0.162
70	17.689	35.352	25.619	0.186
80	17.196	35.249	25.660	0.210
90	16.719	35.160	25.705	0.233
100	14.800	34.905	25.943	0.255
110	13.876	34.811	26.068	0.275
120	13.625	34.860	26.158	0.295
130	13.602	34.906	26.198	0.313
140	13.240	34.908	26.274	0.331
142	13.218	34.913	26.282	0.335

CAST 97

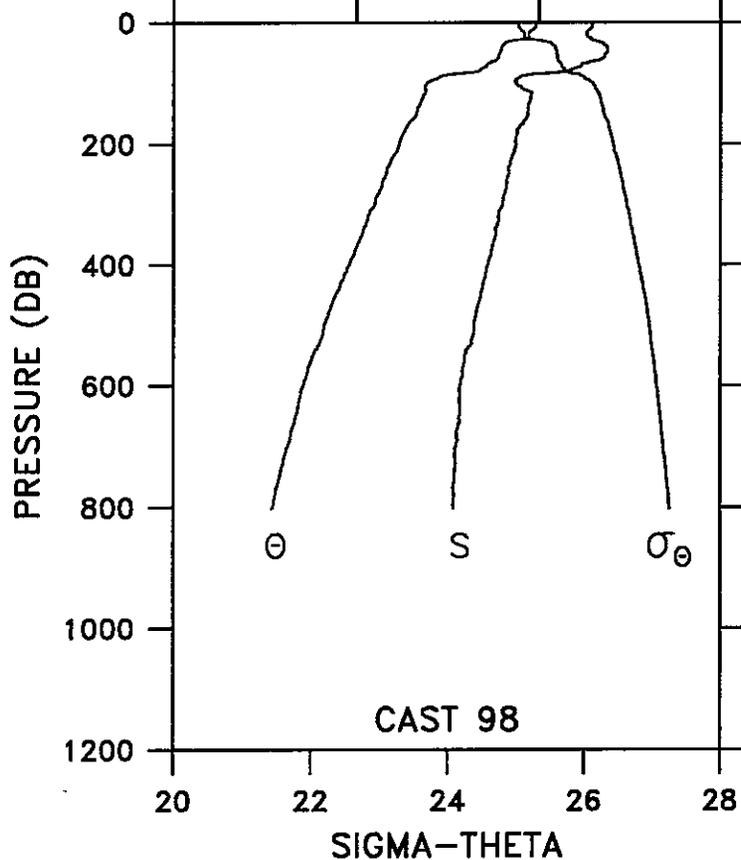
CAST EP7-92-DI -098 DATE 23 NOV 92 TIME 0853 GMT
LAT 12 45.2S LONG 078 21.3W



SALINITY (PSU)



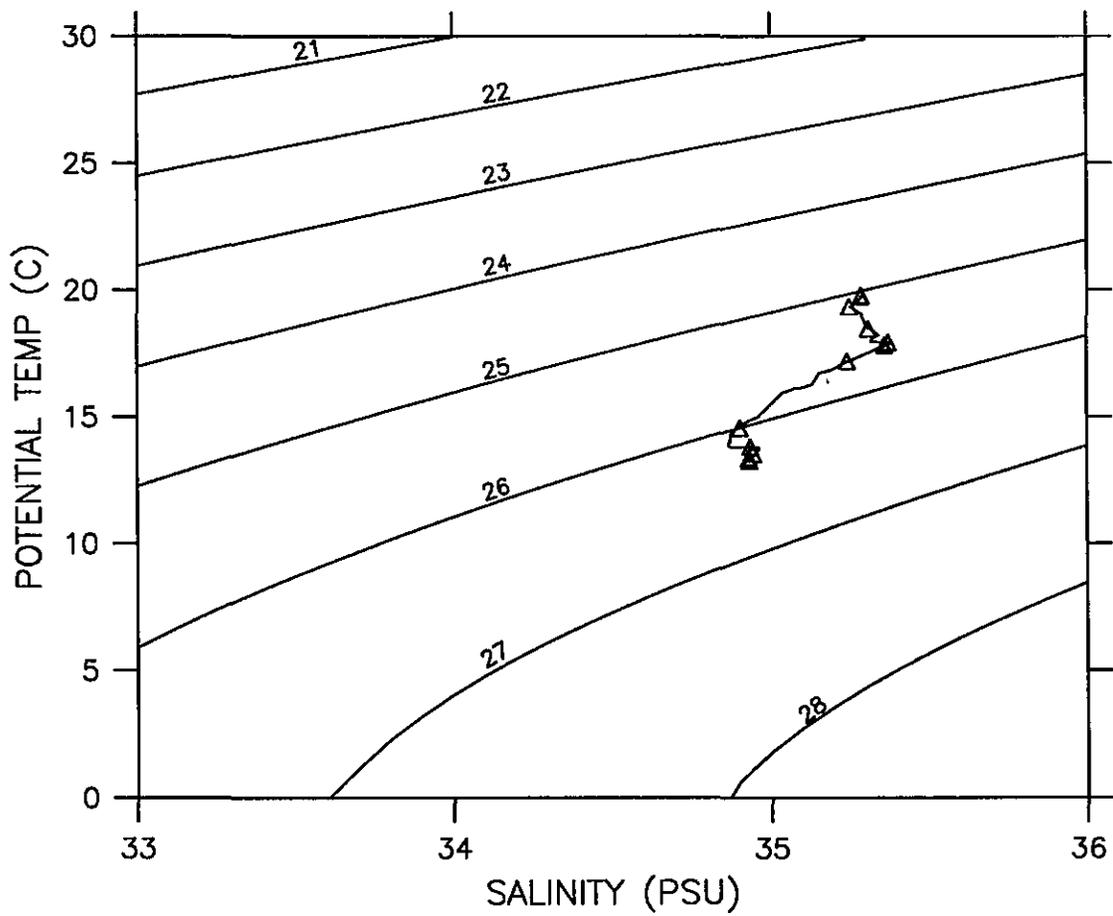
POTENTIAL TEMP (C)



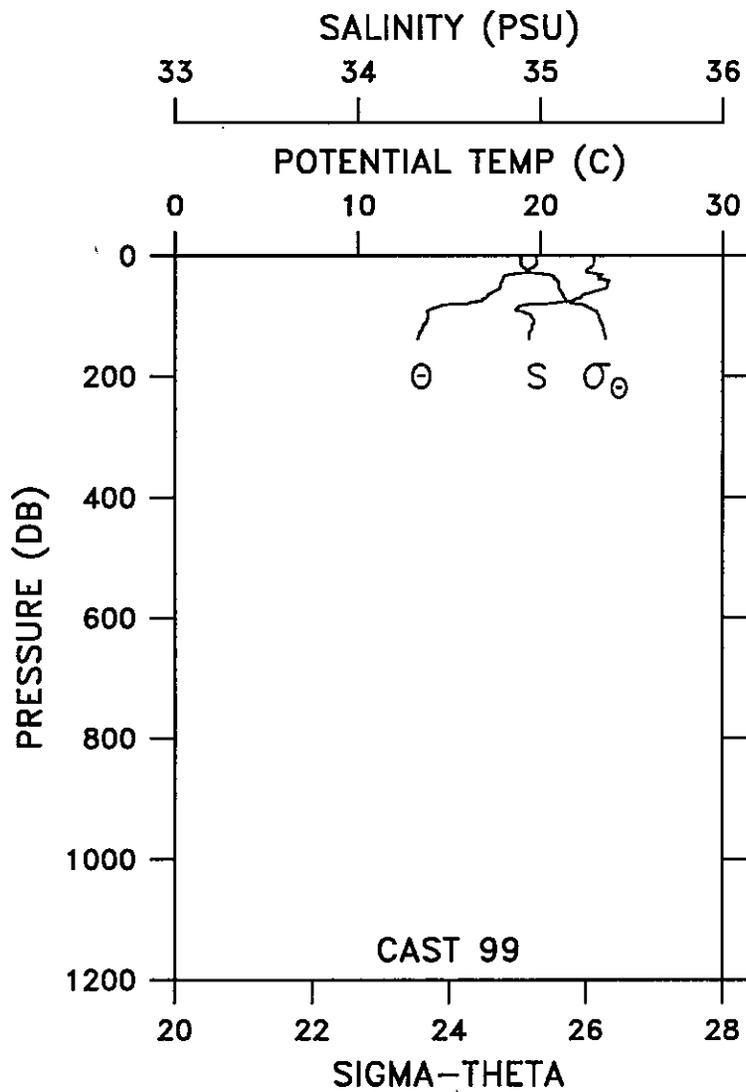
CAST EP7-92-D1-098 DATE 23 NOV 92 TIME 0853 GMT
 LAT 12 45.2S LONG 078 21.3W WEATHER 1 SEA STATE
 BAROMETER 10 WIND DIR 143 T SPD 08 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.0 WET 18.3 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.822	35.294	25.034	0.000
10	19.749	35.287	25.048	0.029
20	19.428	35.263	25.113	0.058
30	18.564	35.304	25.365	0.086
40	17.972	35.374	25.566	0.111
50	17.862	35.376	25.595	0.135
60	17.734	35.350	25.607	0.159
70	17.150	35.236	25.660	0.183
80	16.729	35.160	25.703	0.206
90	14.539	34.895	25.992	0.227
100	13.840	34.874	26.124	0.247
110	13.758	34.914	26.172	0.266
120	13.673	34.954	26.221	0.284
130	13.531	34.950	26.247	0.303
140	13.335	34.938	26.278	0.320
150	13.280	34.938	26.289	0.338
160	13.018	34.926	26.333	0.356
170	12.774	34.898	26.360	0.373
180	12.590	34.882	26.384	0.390
190	12.436	34.874	26.408	0.406
200	12.350	34.875	26.425	0.423
250	11.614	34.833	26.533	0.503
300	11.005	34.802	26.621	0.579
350	10.315	34.761	26.712	0.651
400	9.602	34.720	26.801	0.719
450	8.855	34.681	26.892	0.783
500	8.244	34.645	26.959	0.844
550	7.597	34.593	27.013	0.902
600	7.102	34.569	27.065	0.957
650	6.673	34.564	27.120	1.010
700	6.249	34.546	27.162	1.061
750	5.801	34.536	27.211	1.110
800	5.441	34.533	27.253	1.157
802	5.398	34.532	27.257	1.158

CAST EP7-92-DI -099 DATE 23 NOV 92 TIME 1041 GMT
LAT 12 44.9S LONG 078 21.0W



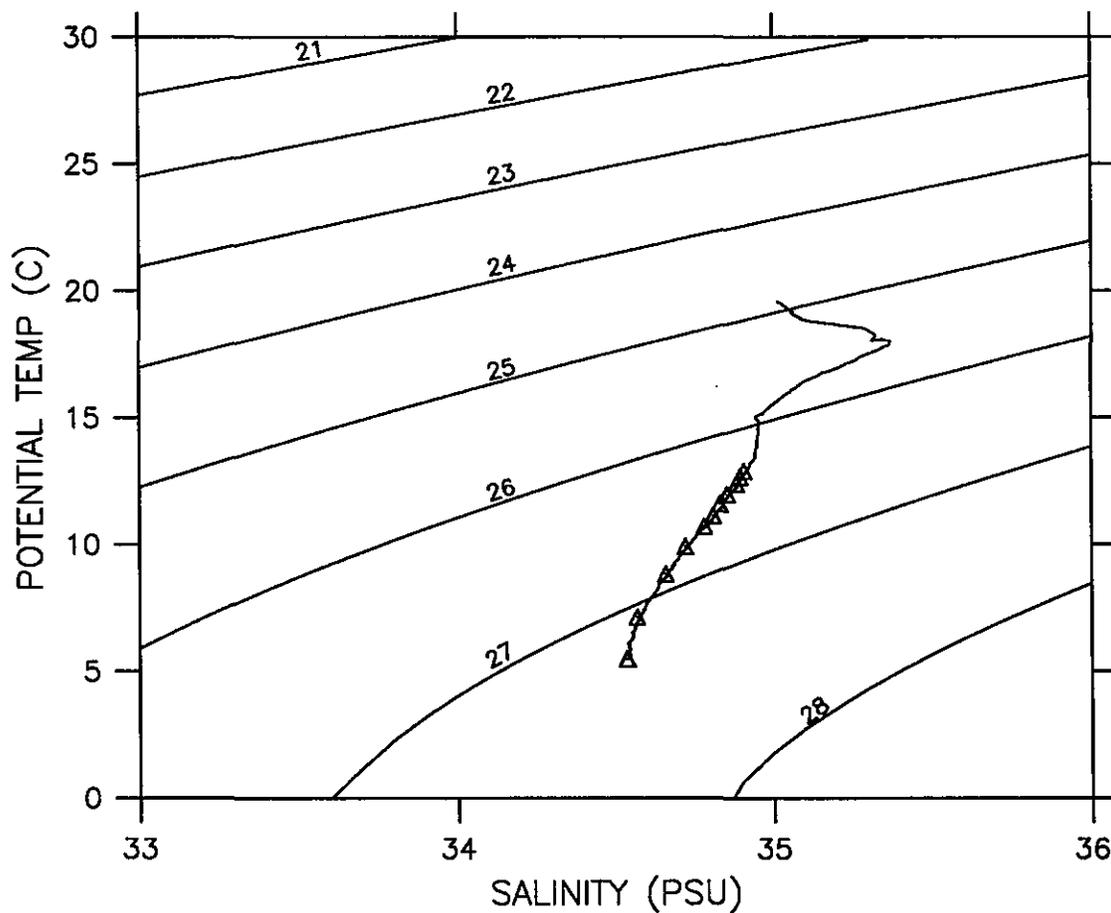
637



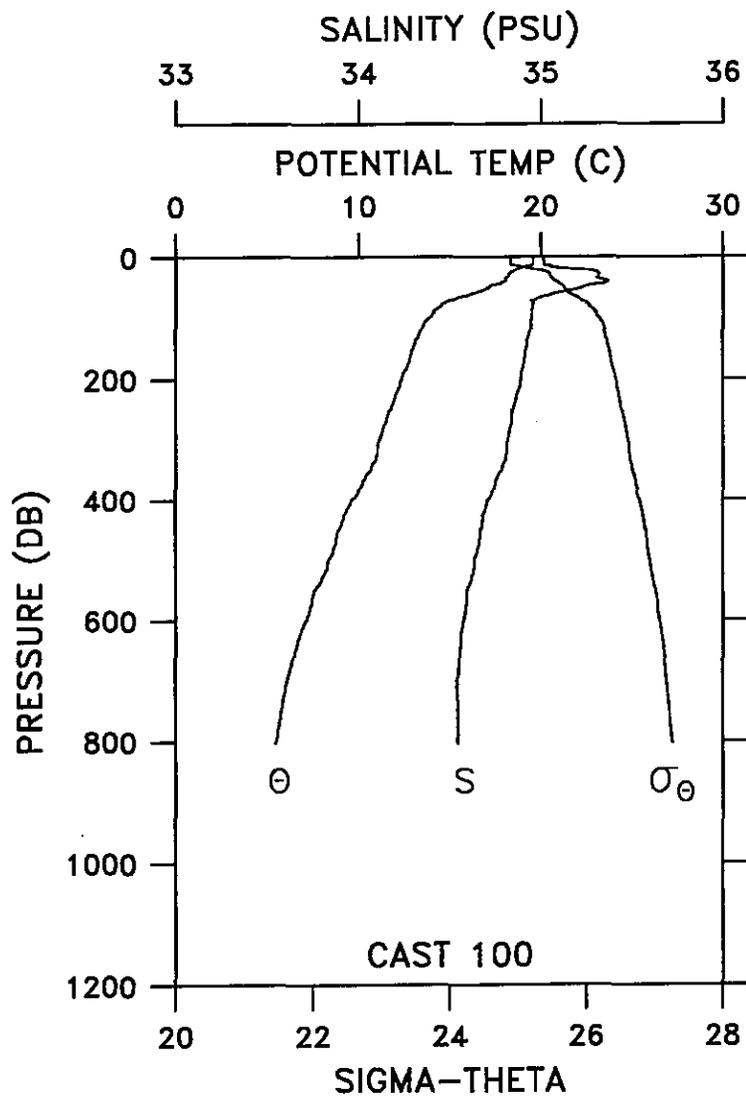
CAST EP7-92-DI -099 DATE 23 NOV 92 TIME 1041 GMT
 LAT 12 44.9S LONG 078 21.0W WEATHER 1 SEA STATE
 BAROMETER 12 WIND DIR 160 T SPD 07 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.0 WET 18.2 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.775	35.292	25.045	0.000
10	19.770	35.292	25.046	0.029
20	19.589	35.273	25.079	0.058
30	18.696	35.299	25.328	0.086
40	17.933	35.353	25.560	0.111
50	17.792	35.365	25.604	0.135
60	17.434	35.291	25.634	0.159
70	17.043	35.219	25.673	0.182
80	15.948	35.036	25.788	0.205
90	13.943	34.867	26.097	0.225
100	13.810	34.947	26.187	0.244
110	13.738	34.963	26.214	0.263
120	13.523	34.953	26.251	0.281
130	13.372	34.940	26.272	0.298
139	13.267	34.940	26.293	0.314

CAST EP7-92-DI -100 DATE 23 NOV 92 TIME 1253 GMT
LAT 12 39.0S LONG 078 05.9W

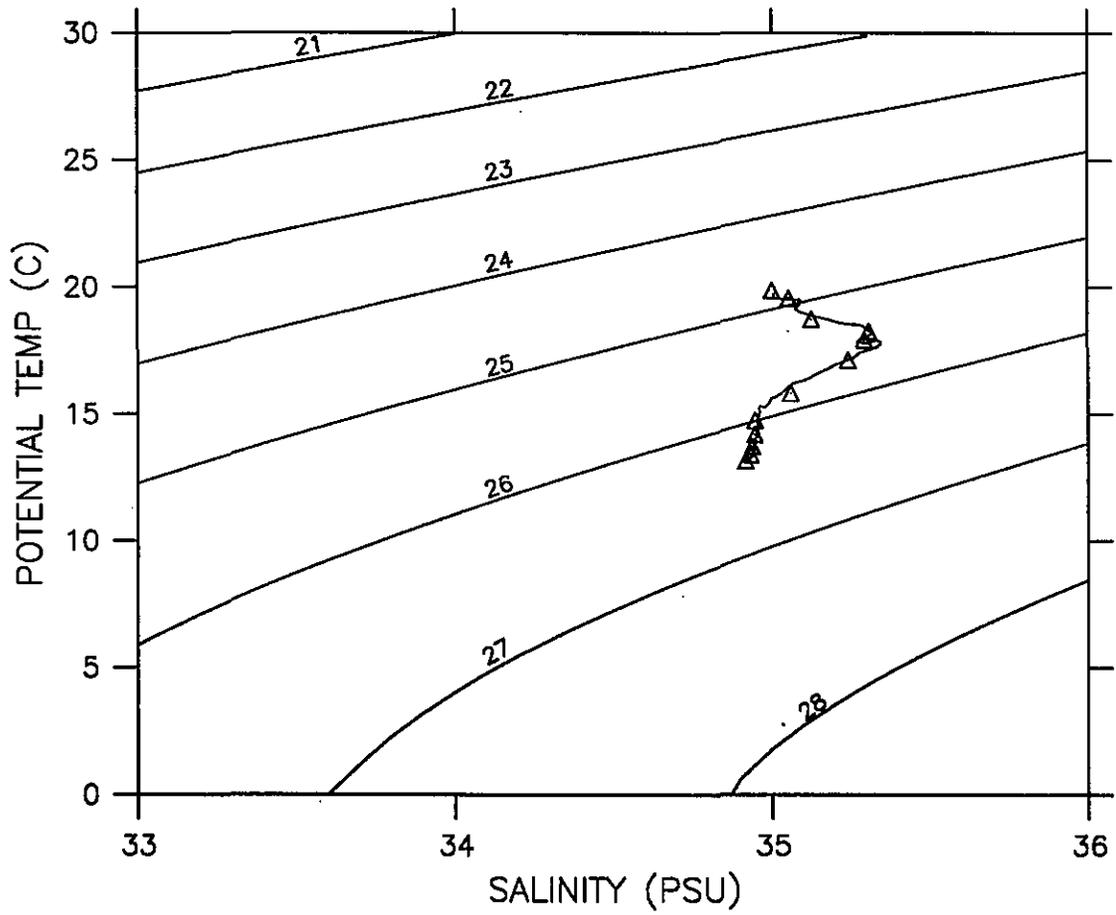


CAST EP7-92-DI -100 DATE 23 NOV 92 TIME 1253 GMT
 LAT 12 39.0S LONG 078 05.9W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 165 T SPD 05 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.4 WET 18.2 DEPTH M

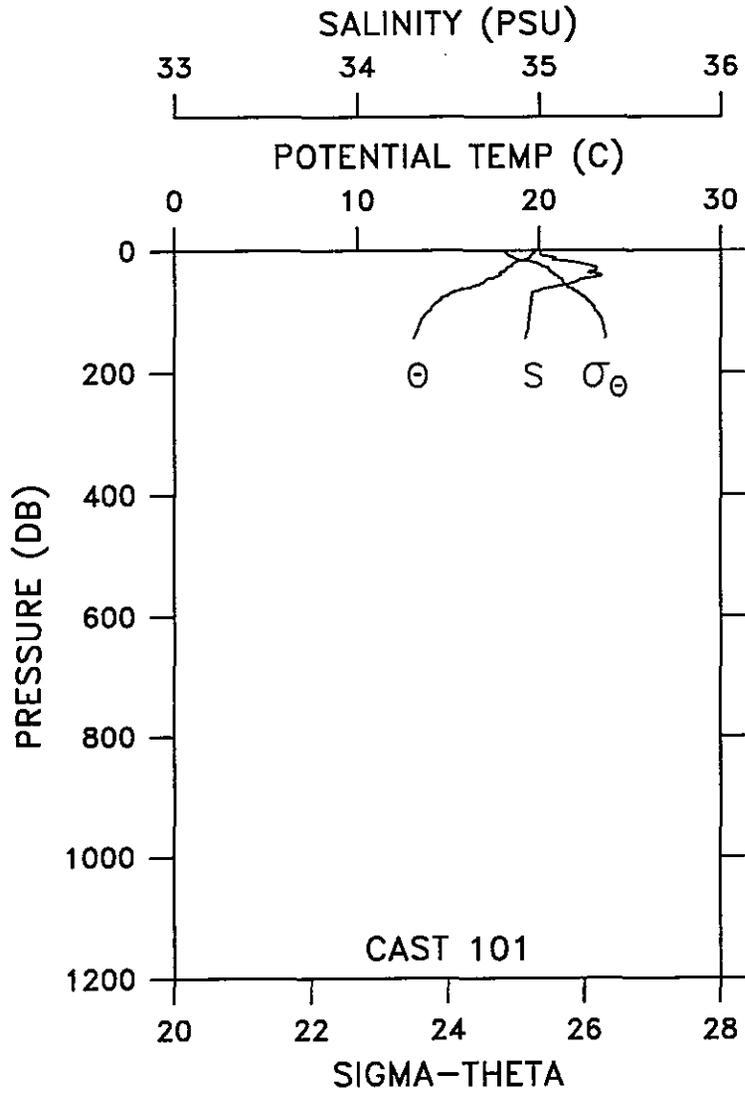


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.567	35.013	24.886	0.000
10	19.557	35.015	24.890	0.031
20	18.708	35.174	25.229	0.060
30	18.212	35.320	25.466	0.086
40	18.017	35.366	25.549	0.111
50	17.129	35.229	25.660	0.134
60	16.172	35.072	25.764	0.157
70	15.166	34.968	25.912	0.179
80	14.554	34.951	26.032	0.199
90	14.099	34.950	26.128	0.219
100	13.805	34.947	26.188	0.238
110	13.530	34.944	26.243	0.256
120	13.416	34.940	26.263	0.274
130	13.283	34.934	26.285	0.291
140	13.117	34.927	26.314	0.309
150	12.998	34.921	26.333	0.326
160	12.877	34.914	26.352	0.343
170	12.811	34.910	26.362	0.360
180	12.661	34.903	26.386	0.377
190	12.451	34.893	26.420	0.394
200	12.375	34.892	26.434	0.411
250	11.788	34.848	26.512	0.491
300	11.132	34.818	26.611	0.567
350	10.664	34.782	26.667	0.641
400	9.656	34.711	26.785	0.711
450	8.928	34.671	26.873	0.776
500	8.361	34.634	26.932	0.838
550	7.604	34.597	27.016	0.897
600	7.143	34.576	27.065	0.952
650	6.518	34.555	27.134	1.005
700	6.106	34.540	27.175	1.055
750	5.784	34.546	27.221	1.103
800	5.479	34.544	27.257	1.149
803	5.454	34.545	27.261	1.152

CAST EP7-92-DI -101 DATE 23 NOV 92 TIME 1414 GMT
LAT 12 39.0S LONG 078 05.9W



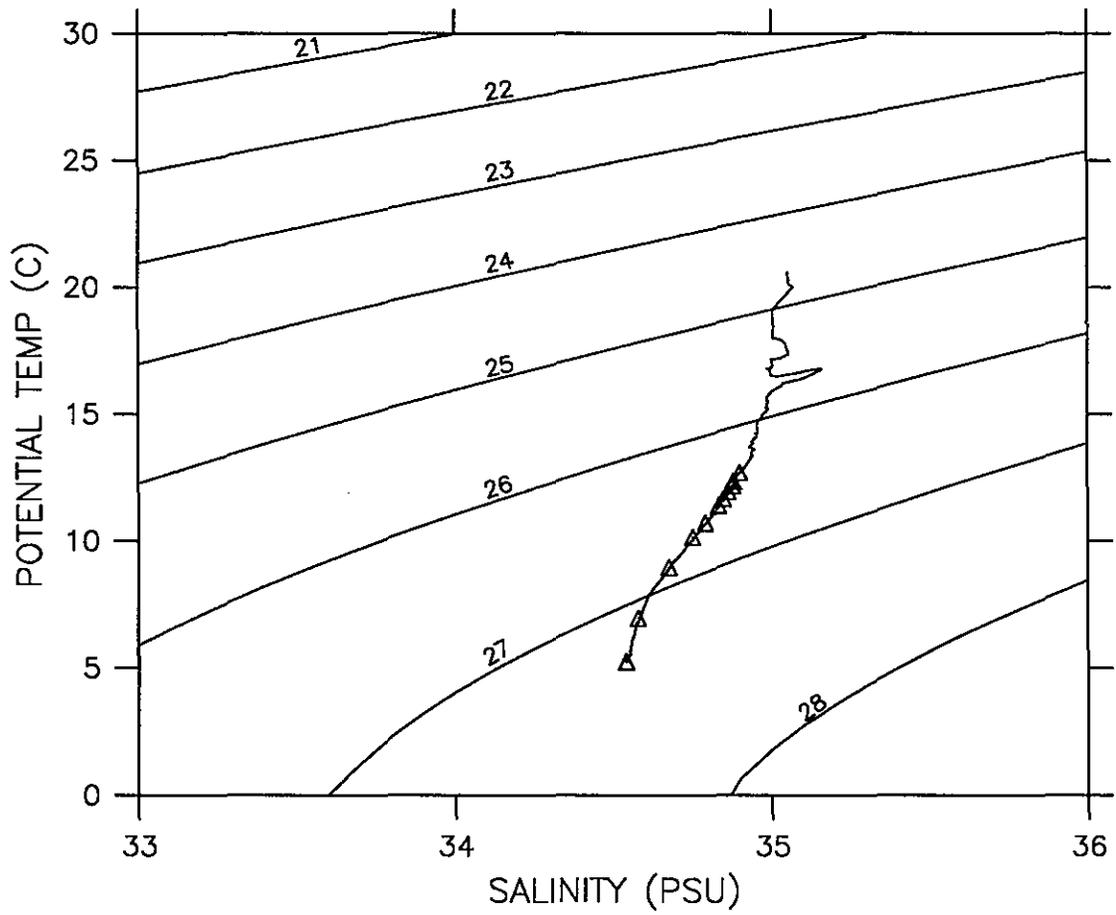
641



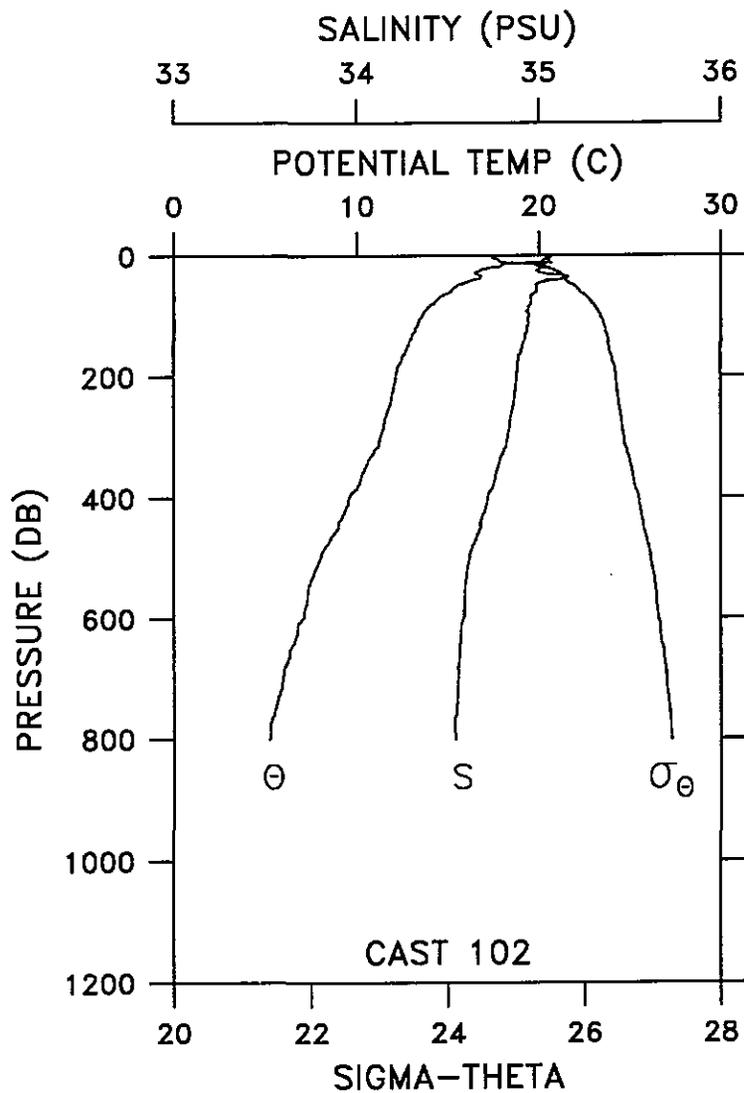
CAST EP7-92-DI -101 DATE 23 NOV 92 TIME 1414 GMT
 LAT 12 39.0S LONG 078 05.9W WEATHER 1 SEA STATE 3
 BAROMETER 13 WIND DIR 170 T SPD 04 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.0 WET 20.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.736	35.006	24.837	0.000
10	19.509	35.055	24.933	0.031
20	18.600	35.213	25.286	0.060
30	18.184	35.311	25.466	0.086
40	17.858	35.343	25.571	0.110
50	17.012	35.212	25.675	0.134
60	16.215	35.065	25.749	0.157
70	15.095	34.961	25.922	0.178
80	14.579	34.952	26.027	0.199
90	14.112	34.951	26.126	0.218
100	13.846	34.949	26.181	0.237
110	13.540	34.941	26.238	0.255
120	13.397	34.940	26.267	0.273
130	13.290	34.934	26.284	0.291
140	13.139	34.924	26.307	0.309
143	13.131	34.925	26.309	0.314

CAST EP7-92-DI -102 DATE 23 NOV 92 TIME 1710 GMT
LAT 12 32.0S LONG 077 49.0W

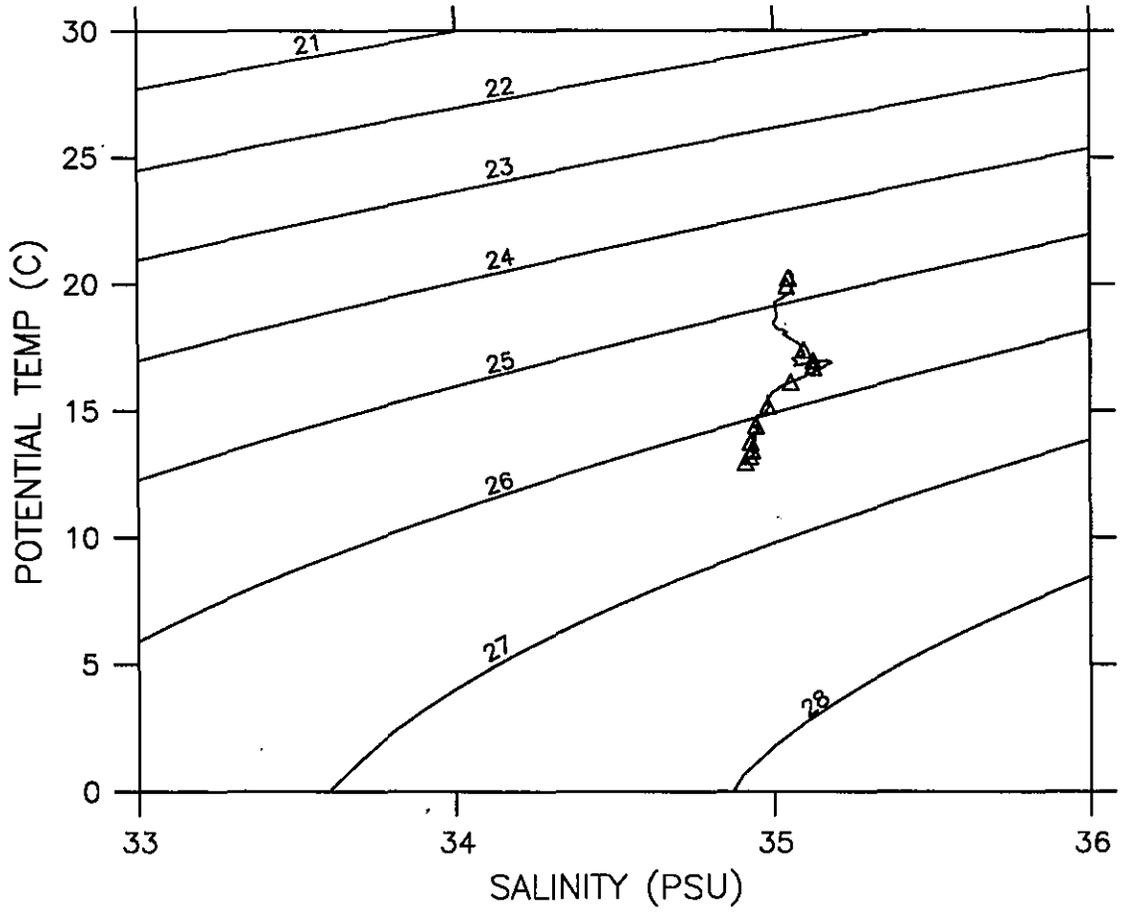


CAST EP7-92-DI -102 DATE 23 NOV 92 TIME 1710 GMT
 LAT 12 32.0S LONG 077 49.0W WEATHER 2 SEA STATE 3
 BAROMETER 12 WIND DIR 185 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.9 WET 19.4 DEPTH M

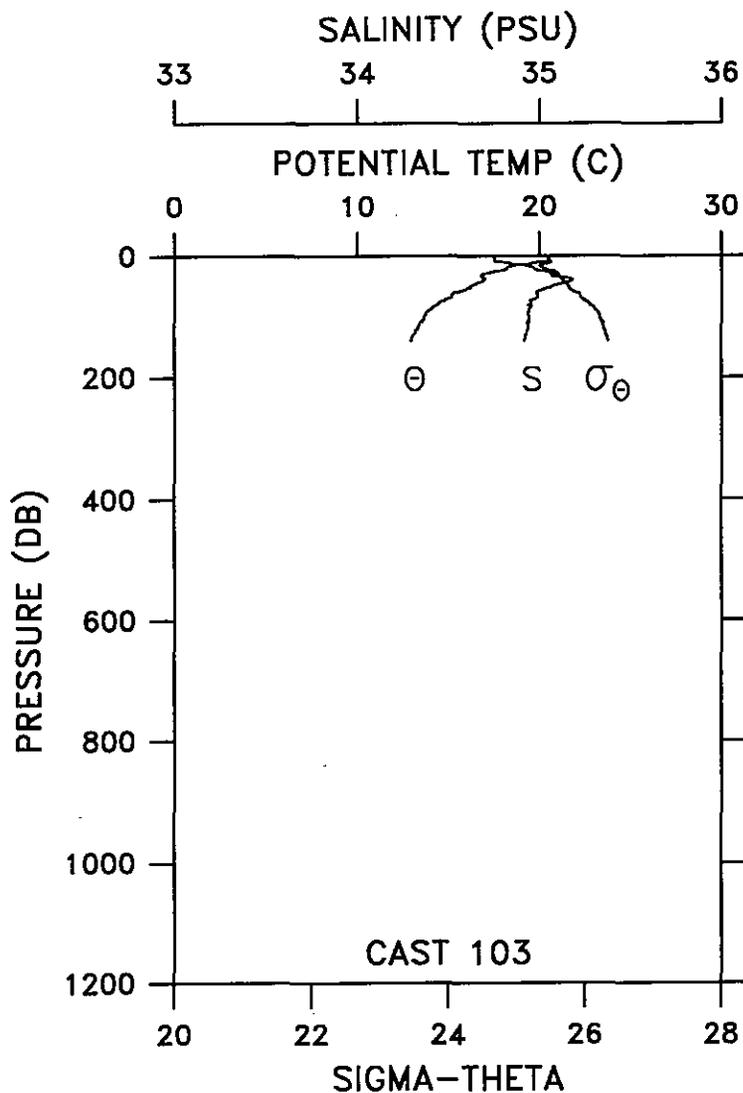


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.590	35.051	24.645	0.000
10	20.161	35.055	24.762	0.032
20	17.378	35.053	25.466	0.061
30	16.510	35.028	25.652	0.085
40	16.508	35.116	25.720	0.108
50	15.536	34.983	25.841	0.130
60	15.183	34.986	25.922	0.151
70	14.534	34.952	26.037	0.172
80	14.254	34.953	26.098	0.191
90	13.818	34.941	26.180	0.210
100	13.600	34.946	26.230	0.228
110	13.385	34.937	26.267	0.246
120	13.214	34.934	26.299	0.264
130	13.071	34.923	26.320	0.281
140	12.940	34.917	26.341	0.298
150	12.820	34.912	26.362	0.316
160	12.695	34.903	26.379	0.332
170	12.509	34.890	26.406	0.349
180	12.345	34.884	26.433	0.366
190	12.255	34.883	26.450	0.382
200	12.165	34.879	26.464	0.398
250	11.807	34.859	26.517	0.478
300	11.319	34.829	26.585	0.555
350	10.494	34.776	26.692	0.629
400	9.592	34.718	26.801	0.698
450	8.985	34.679	26.870	0.763
500	8.018	34.620	26.973	0.823
550	7.356	34.594	27.049	0.880
600	7.067	34.585	27.082	0.934
650	6.399	34.566	27.158	0.986
700	5.967	34.557	27.207	1.034
750	5.563	34.550	27.251	1.081
800	5.256	34.543	27.283	1.126
801	5.248	34.543	27.284	1.127

CAST EP7-92-DI -103 DATE 23 NOV 92 TIME 1849 GMT
LAT 12 32.0S LONG 077 49.0W



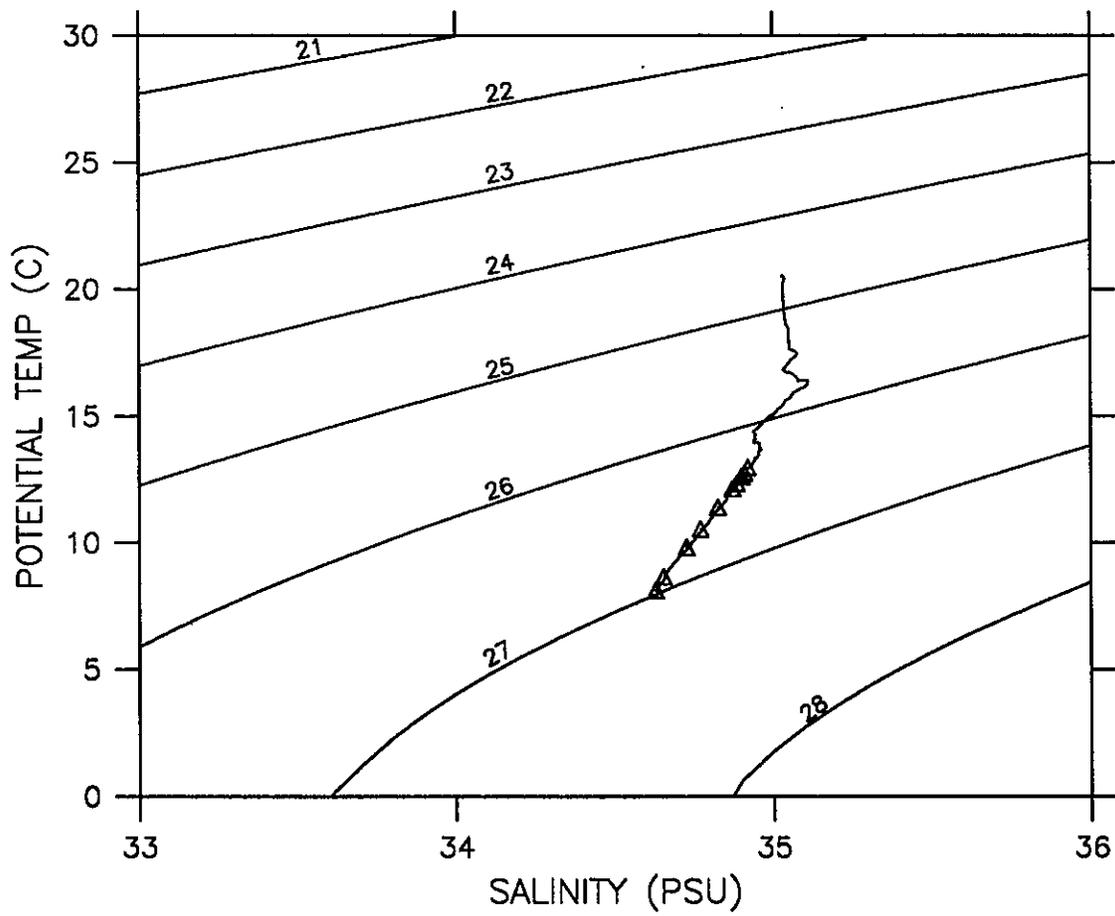
CAST EP7-92-DI-103 DATE 23 NOV 92 TIME 1849 GMT
 LAT 12 32.0S LONG 077 49.0W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 185 T SPD 08 KT VISIBILITY 7
 CLOUD AMOUNT DRY 22.0 WET 19.5 DEPTH M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.498	35.051	24.670	0.000
10	20.003	35.059	24.807	0.033
20	18.205	35.023	25.240	0.062
30	16.907	35.072	25.593	0.087
40	16.897	35.180	25.678	0.111
50	16.235	35.074	25.751	0.134
60	15.580	34.980	25.829	0.156
70	15.094	34.982	25.938	0.177
80	14.387	34.953	26.069	0.197
90	13.986	34.941	26.145	0.216
100	13.661	34.941	26.213	0.235
110	13.517	34.929	26.234	0.253
120	13.345	34.939	26.277	0.271
130	13.129	34.927	26.311	0.288
140	12.964	34.919	26.338	0.305
141	12.944	34.918	26.341	0.307

CAST EP7-92-DI -104 DATE 23 NOV 92 TIME 2053 GMT

LAT 12 26.8S LONG 077 35.5W

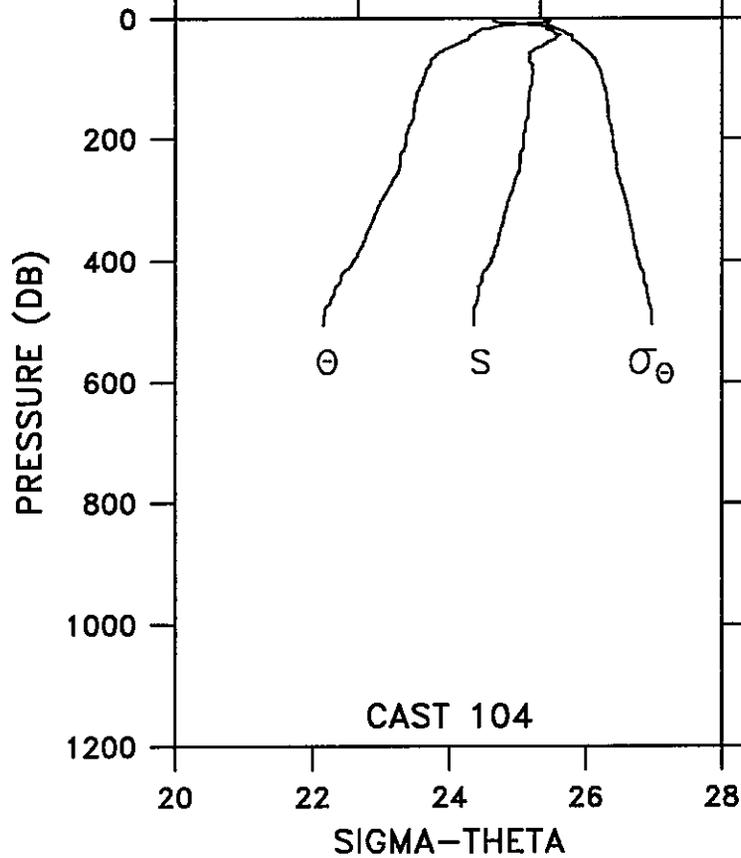


SALINITY (PSU)

33 34 35 36

POTENTIAL TEMP (C)

0 10 20 30

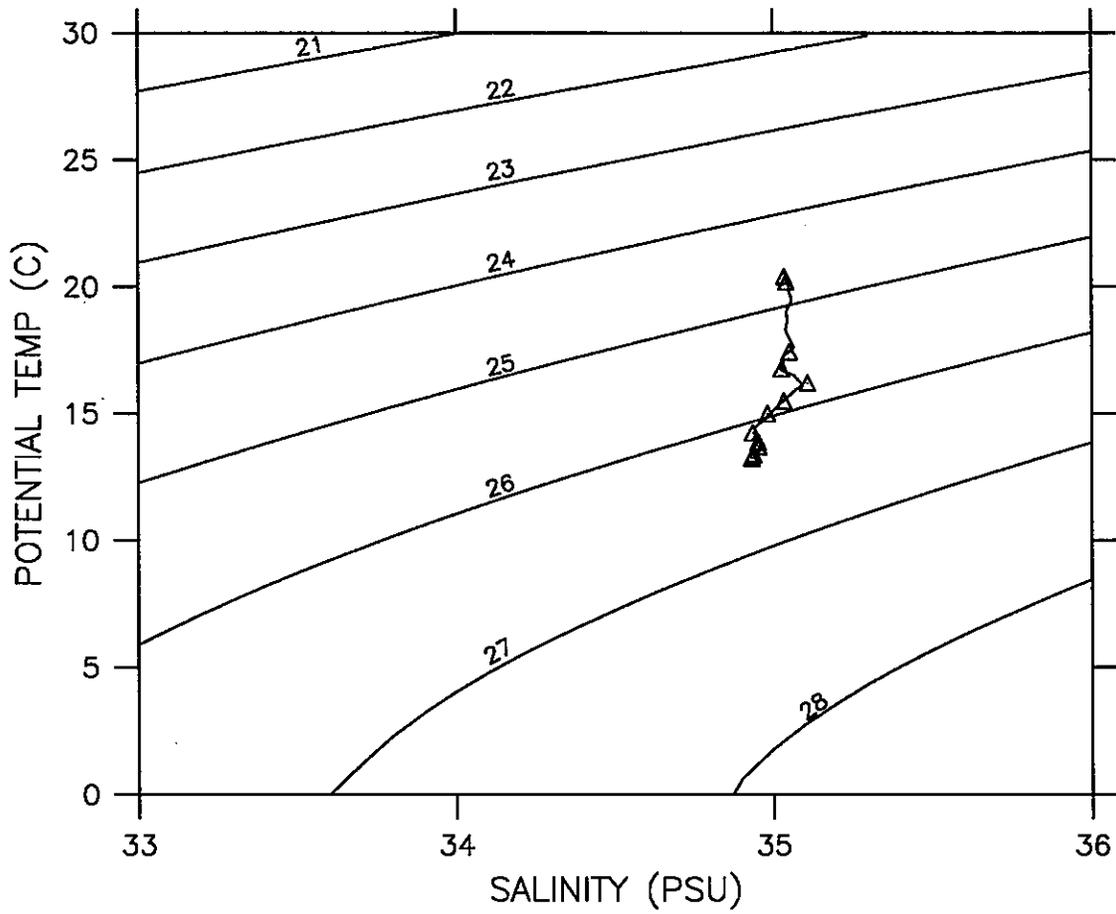


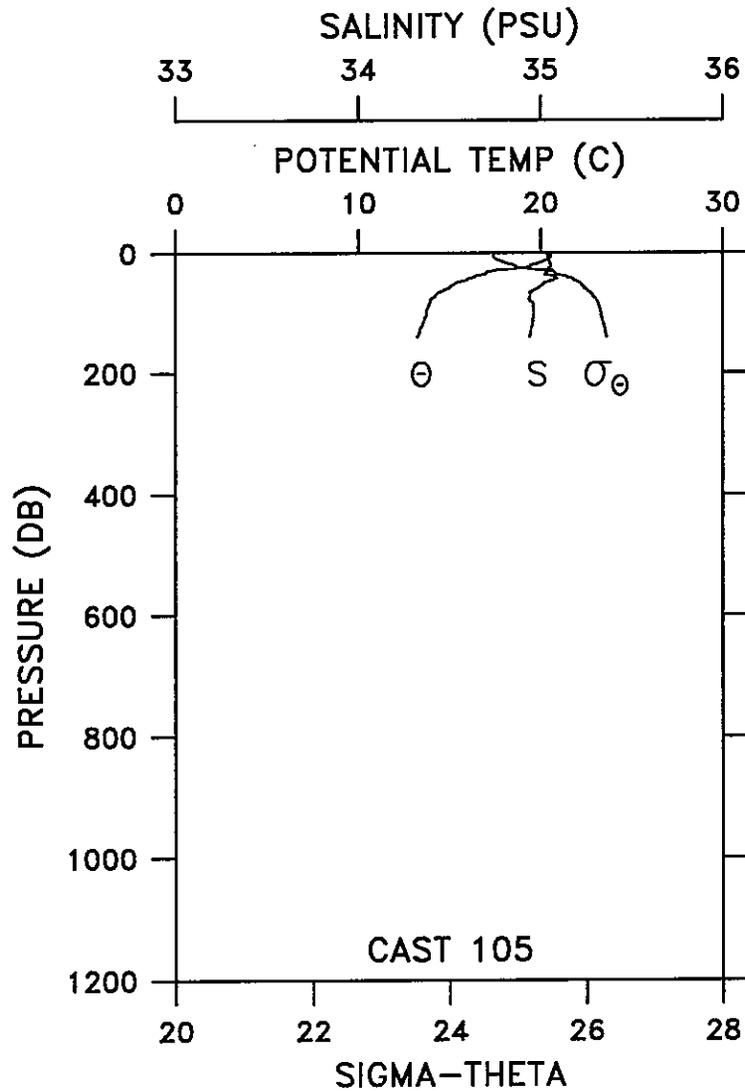
CAST EP7-92-DI -104 DATE 23 NOV 92 TIME 2053 GMT
 LAT 12 26.8S LONG 077 35.5W WEATHER 1 SEA STATE 3
 BAROMETER 11 WIND DIR 195 T SPD 06 KT VISIBILITY 7
 CLOUD AMOUNT DRY 22.3 WET 19.8 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.541	35.033	24.644	0.000
10	18.673	35.039	25.135	0.032
20	16.718	35.057	25.626	0.057
30	16.105	35.091	25.794	0.080
40	15.639	35.039	25.861	0.102
50	14.940	34.983	25.973	0.123
60	14.344	34.940	26.069	0.143
70	13.967	34.937	26.146	0.162
80	13.858	34.957	26.185	0.181
90	13.703	34.961	26.220	0.199
100	13.584	34.954	26.239	0.217
110	13.484	34.953	26.259	0.235
120	13.334	34.942	26.281	0.252
130	13.202	34.938	26.305	0.270
140	13.112	34.934	26.320	0.287
150	13.069	34.933	26.328	0.305
160	13.054	34.932	26.330	0.322
170	12.966	34.923	26.341	0.339
180	12.776	34.916	26.373	0.356
190	12.692	34.911	26.386	0.373
200	12.619	34.907	26.397	0.390
250	12.244	34.886	26.454	0.473
300	11.320	34.827	26.583	0.551
350	10.548	34.780	26.686	0.625
400	9.800	34.731	26.777	0.695
450	8.699	34.659	26.899	0.759
500	8.132	34.635	26.968	0.819
505	8.107	34.634	26.971	0.825

647

CAST EP7-92-DI -105 DATE 23 NOV 92 TIME 2224 GMT
LAT 12 26.8S LONG 077 35.5W

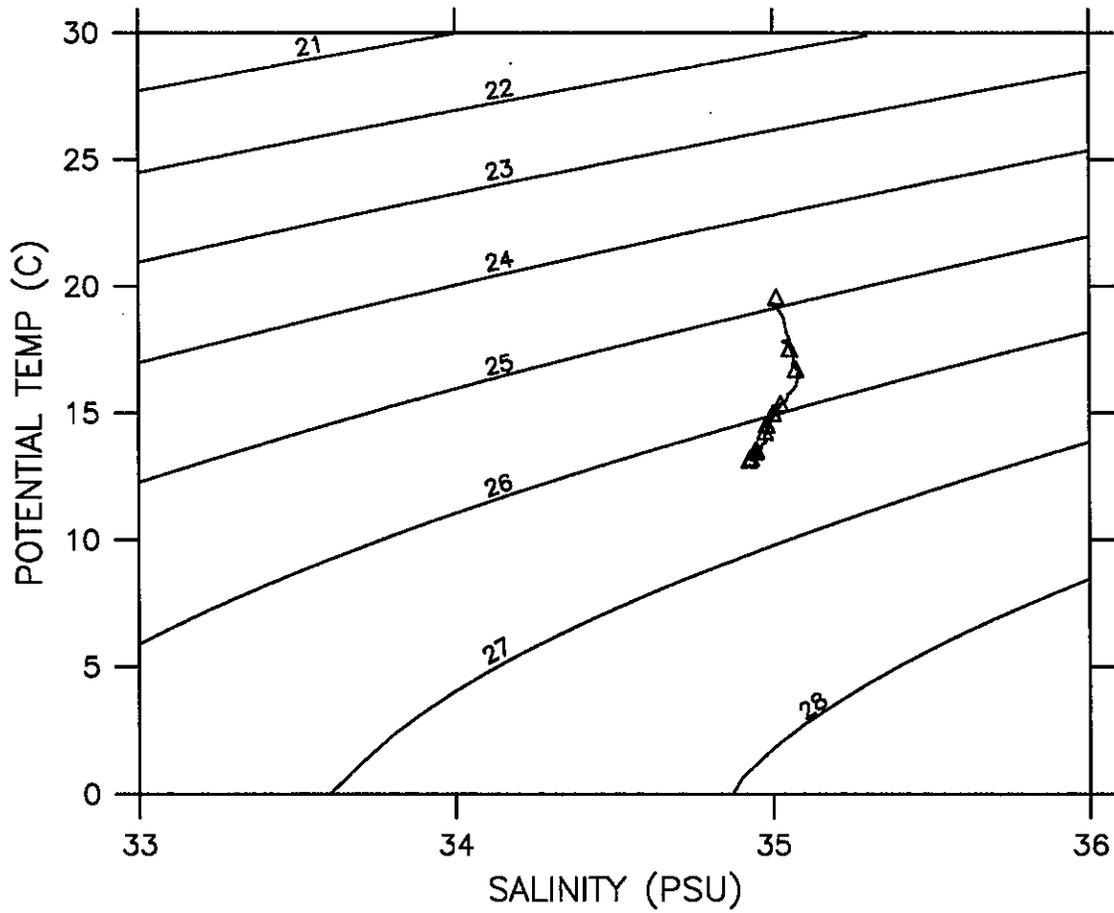




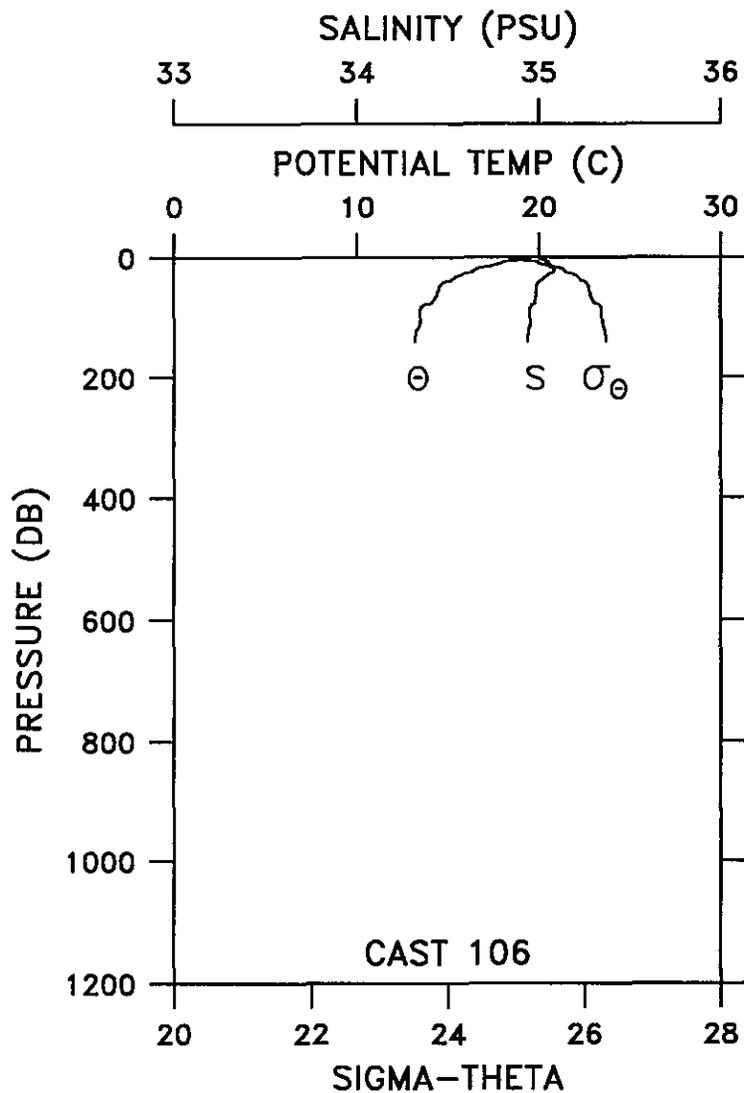
CAST EP7-92-DI -105 DATE 23 NOV 92 TIME 2224 GMT
 LAT 12 26.8S LONG 077 35.5W WEATHER 2 SEA STATE 3
 BAROMETER 12 WIND DIR 185 T SPD 09 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.4 WET 19.6 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.572	35.037	24.639	0.000
10	20.461	35.040	24.671	0.033
20	19.548	35.058	24.926	0.065
30	17.480	35.056	25.443	0.093
40	16.407	35.071	25.709	0.117
50	15.383	35.020	25.903	0.139
60	14.887	34.981	25.983	0.160
70	14.257	34.943	26.090	0.180
80	13.949	34.940	26.152	0.199
90	13.832	34.959	26.191	0.217
100	13.733	34.963	26.215	0.236
110	13.641	34.959	26.231	0.254
120	13.527	34.956	26.252	0.272
130	13.363	34.945	26.278	0.290
140	13.244	34.940	26.298	0.307
141	13.242	34.941	26.299	0.309

CAST EP7-92-DI -106 DATE 24 NOV 92 TIME 0027 GMT
LAT 12 20.0S LONG 077 19.9W



651

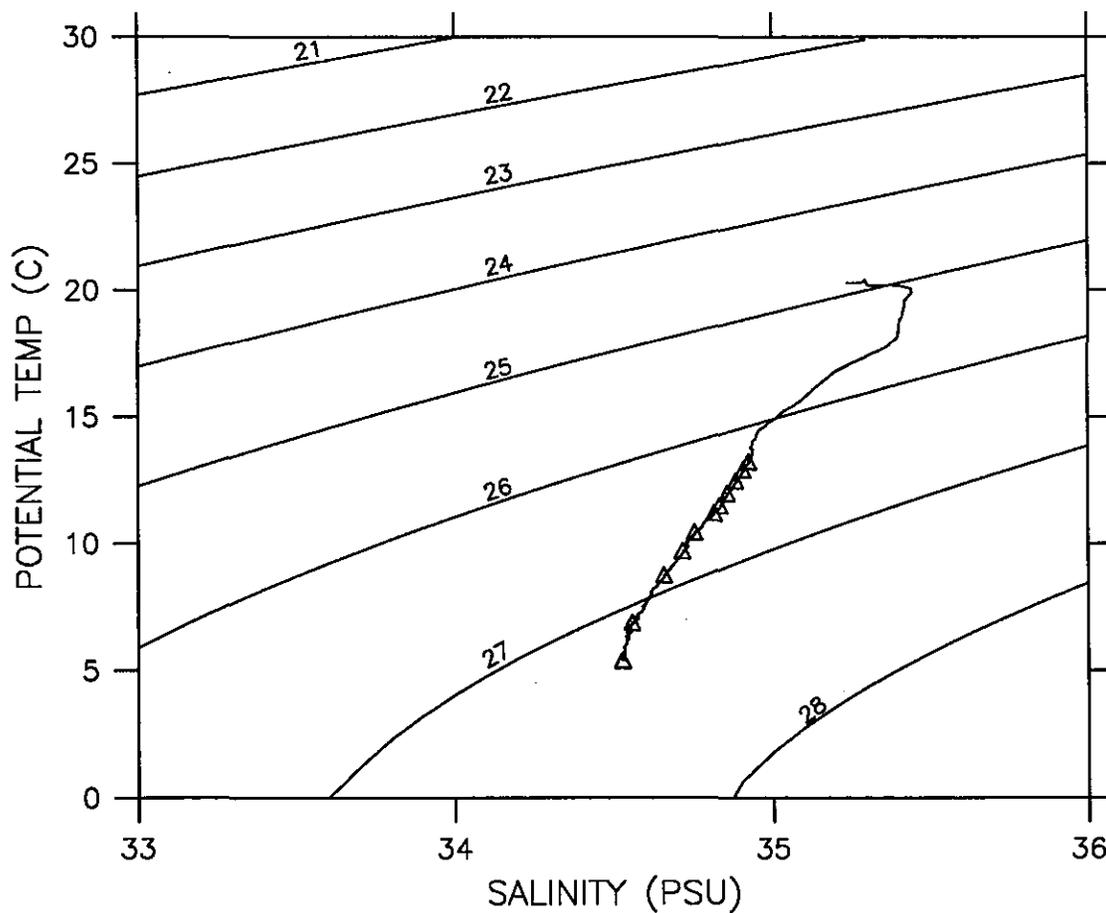


CAST EP7-92-DI-106 DATE 24 NOV 92 TIME 0027 GMT
 LAT 12 20.0S LONG 077 19.9W WEATHER 2 SEA STATE
 BAROMETER 14 WIND DIR 110 T SPD 06 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.4 WET 19.6 DEPTH M

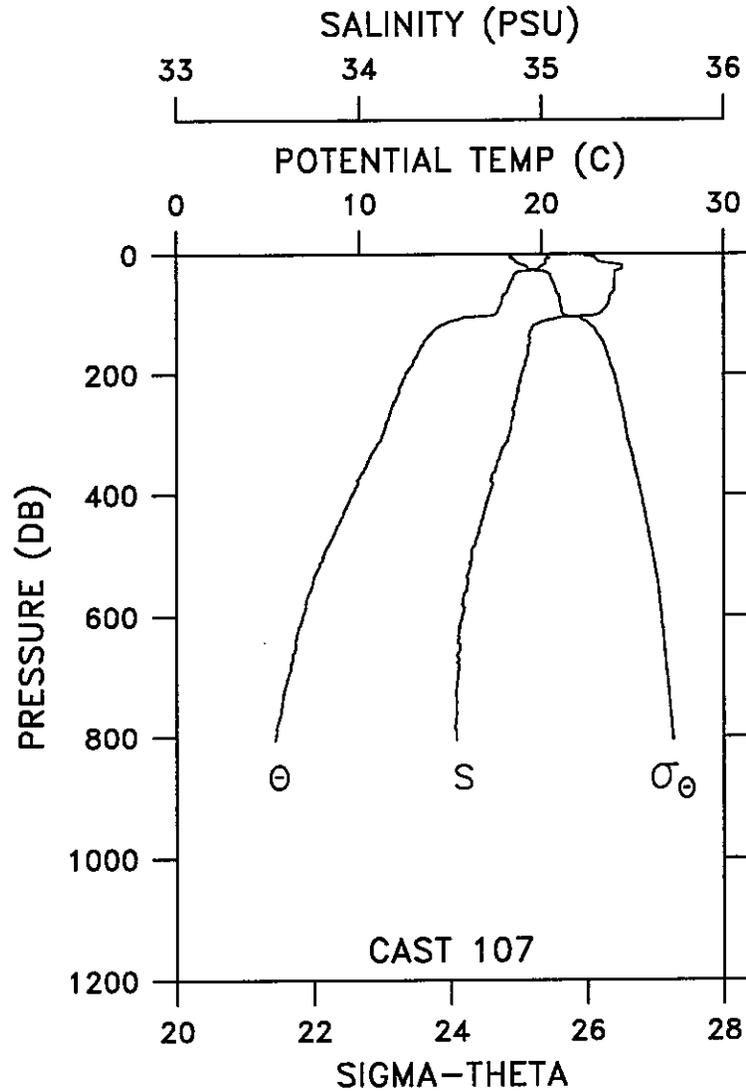
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.346	35.001	24.934	0.000
10	17.892	35.054	25.341	0.028
20	16.555	35.078	25.680	0.053
30	15.626	35.047	25.870	0.075
40	14.909	35.005	25.997	0.096
50	14.523	34.988	26.067	0.116
60	14.422	34.986	26.087	0.135
70	14.270	34.981	26.116	0.154
80	13.636	34.964	26.236	0.173
90	13.482	34.951	26.258	0.191
100	13.473	34.951	26.260	0.209
110	13.441	34.949	26.265	0.227
120	13.285	34.940	26.290	0.244
130	13.189	34.937	26.307	0.262
140	13.151	34.935	26.313	0.279
140	13.151	34.935	26.313	0.279

CAST 106

CAST EP7-92-DI -107 DATE 24 NOV 92 TIME 1632 GMT
LAT 13 02.6S LONG 081 20.7W

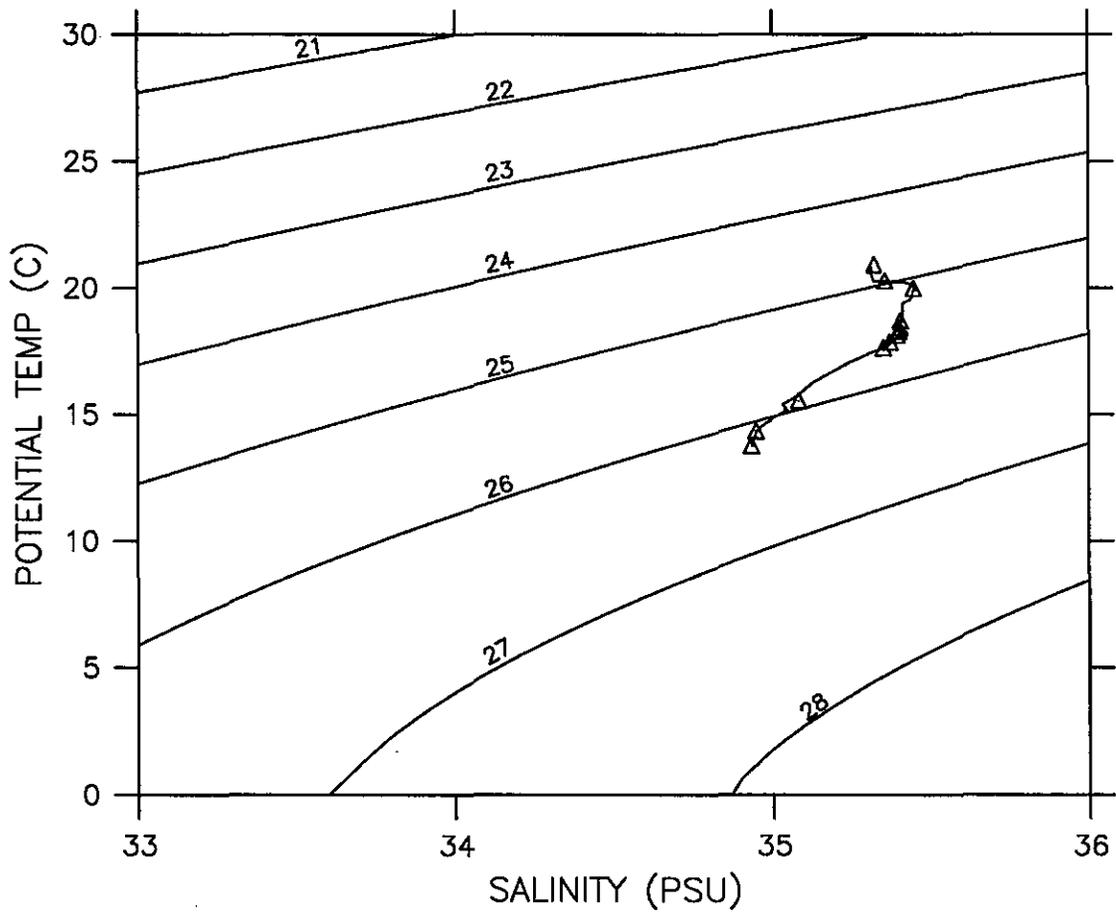


CAST EP7-92-DI -107 DATE 24 NOV 92 TIME 1632 GMT
 LAT 13 02.6S LONG 081 20.7W WEATHER 1 SEA STATE 3
 BAROMETER 16 WIND DIR 000 T SPD 00 KT VISIBILITY 7
 CLOUD AMOUNT DRY 22.8 WET 20.0 DEPTH M

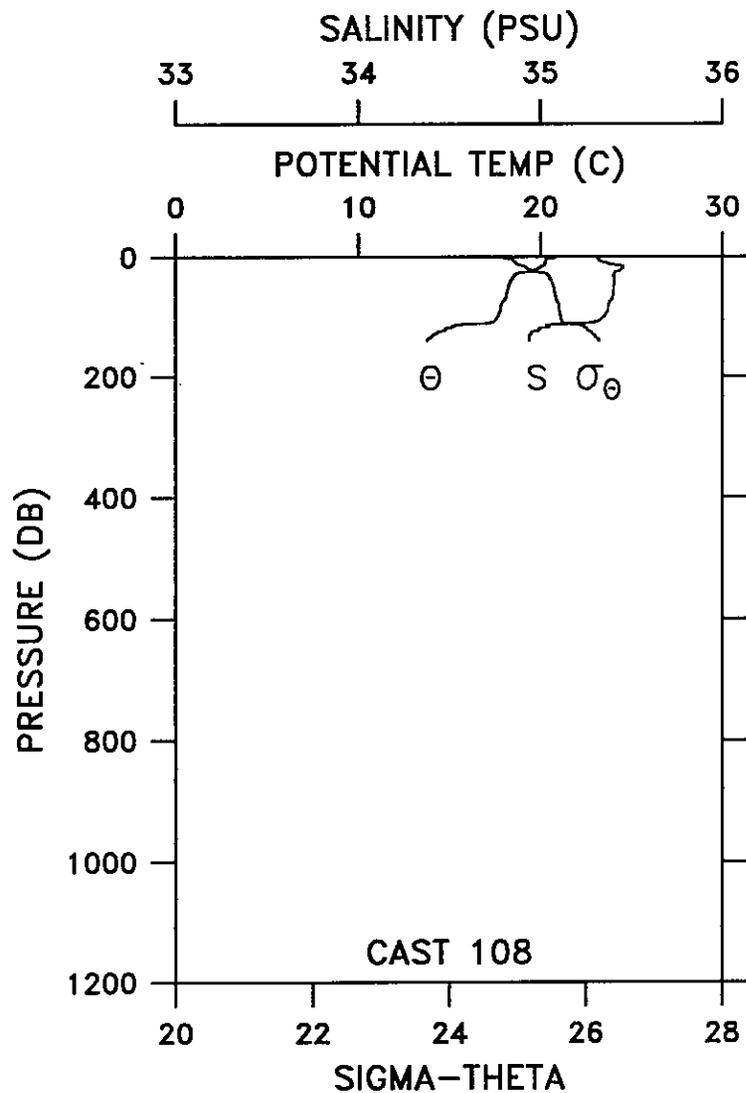


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.296	35.240	24.868	0.000
10	20.207	35.305	24.941	0.031
20	19.964	35.442	25.109	0.060
30	18.661	35.403	25.417	0.088
40	18.445	35.403	25.471	0.113
50	18.253	35.399	25.516	0.138
60	18.139	35.397	25.543	0.162
70	17.875	35.374	25.590	0.187
80	17.814	35.370	25.602	0.211
90	17.674	35.350	25.621	0.235
100	17.476	35.313	25.641	0.259
110	15.267	35.041	25.945	0.281
120	14.383	34.953	26.070	0.301
130	14.000	34.936	26.138	0.320
140	13.723	34.938	26.198	0.339
150	13.496	34.935	26.243	0.358
160	13.300	34.927	26.277	0.376
170	13.167	34.923	26.300	0.393
180	12.964	34.912	26.333	0.411
190	12.776	34.902	26.362	0.428
200	12.539	34.890	26.400	0.445
250	11.864	34.853	26.502	0.526
300	11.312	34.825	26.583	0.604
350	10.426	34.755	26.688	0.678
400	9.631	34.712	26.790	0.747
450	8.863	34.665	26.878	0.811
500	8.030	34.616	26.968	0.872
550	7.402	34.590	27.039	0.929
600	6.910	34.562	27.086	0.983
650	6.518	34.554	27.133	1.035
700	6.106	34.539	27.175	1.086
750	5.753	34.531	27.213	1.134
800	5.427	34.533	27.254	1.180
805	5.401	34.532	27.257	1.185

CAST EP7-92-DI -108 DATE 24 NOV 92 TIME 1815 GMT
LAT 13 02.6S LONG 081 20.7W



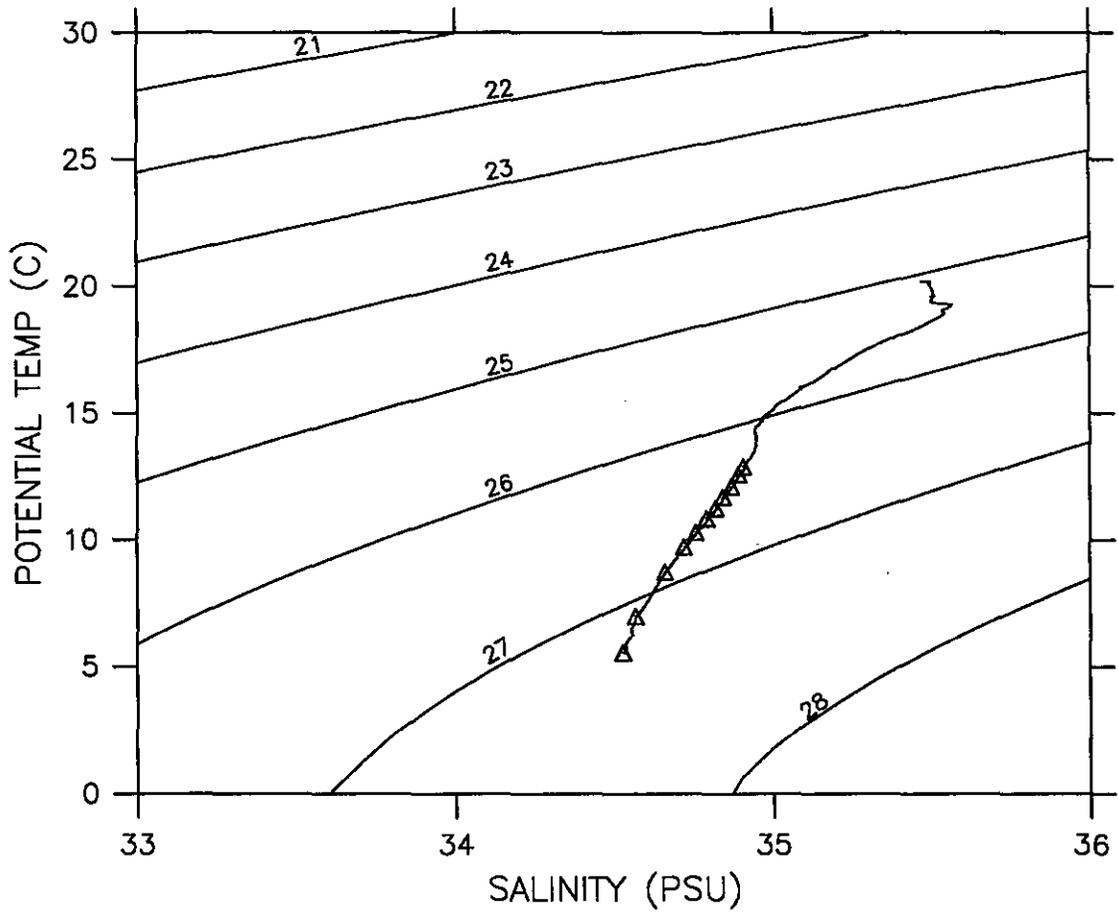
CAST EP7-92-DI -108 DATE 24 NOV 92 TIME 1815 GMT
 LAT 13 02.6S LONG 081 20.7W WEATHER 1 SEA STATE 2
 BAROMETER 14 WIND DIR 125 T SPD 08 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.5 WET 19.0 DEPTH M



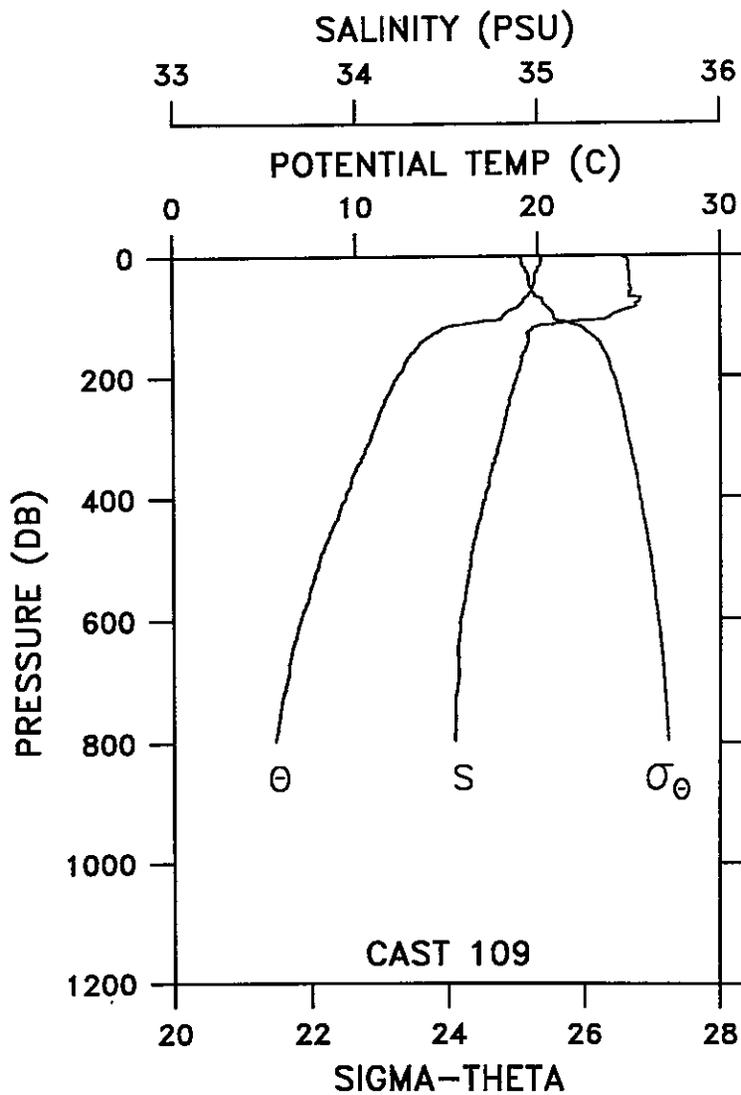
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.782	35.313	24.793	0.000
10	20.263	35.363	24.970	0.030
20	19.874	35.444	25.135	0.059
30	18.598	35.404	25.433	0.086
40	18.366	35.403	25.491	0.112
50	18.256	35.402	25.517	0.136
60	18.165	35.399	25.538	0.161
70	18.070	35.394	25.557	0.186
80	17.852	35.376	25.597	0.210
90	17.799	35.370	25.606	0.234
100	17.646	35.349	25.627	0.258
110	17.383	35.298	25.652	0.282
120	14.802	34.995	26.012	0.303
130	14.184	34.946	26.107	0.323
140	13.767	34.939	26.190	0.342
141	13.763	34.939	26.190	0.344

555

CAST EP7-92-DI -109 DATE 25 NOV 92 TIME 0500 GMT
LAT 13 14.0S LONG 084 04.6W



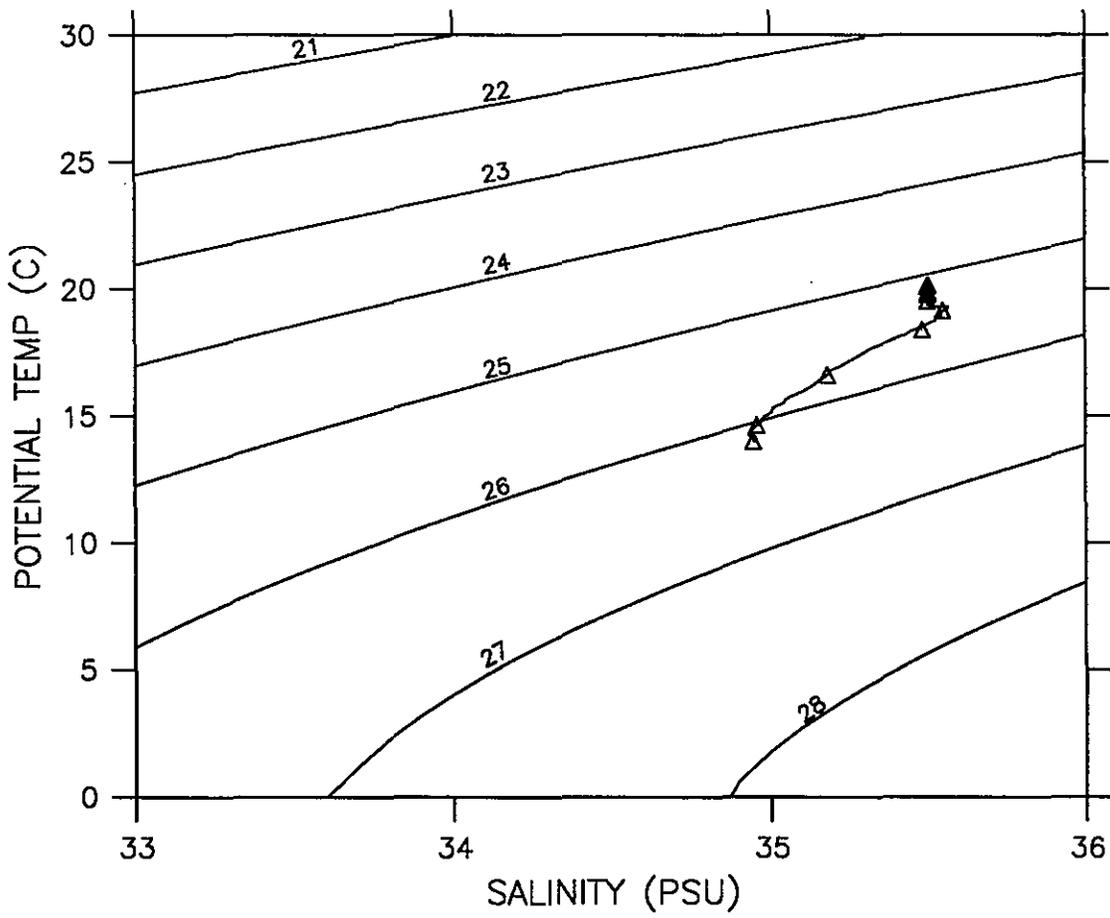
CAST EP7-92-DI-109 DATE 25 NOV 92 TIME 0500 GMT
 LAT 13 14.0S LONG 084 04.6W WEATHER 1 SEA STATE
 BAROMETER 14 WIND DIR 120 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 19.7 WET 17.4 DEPTH M



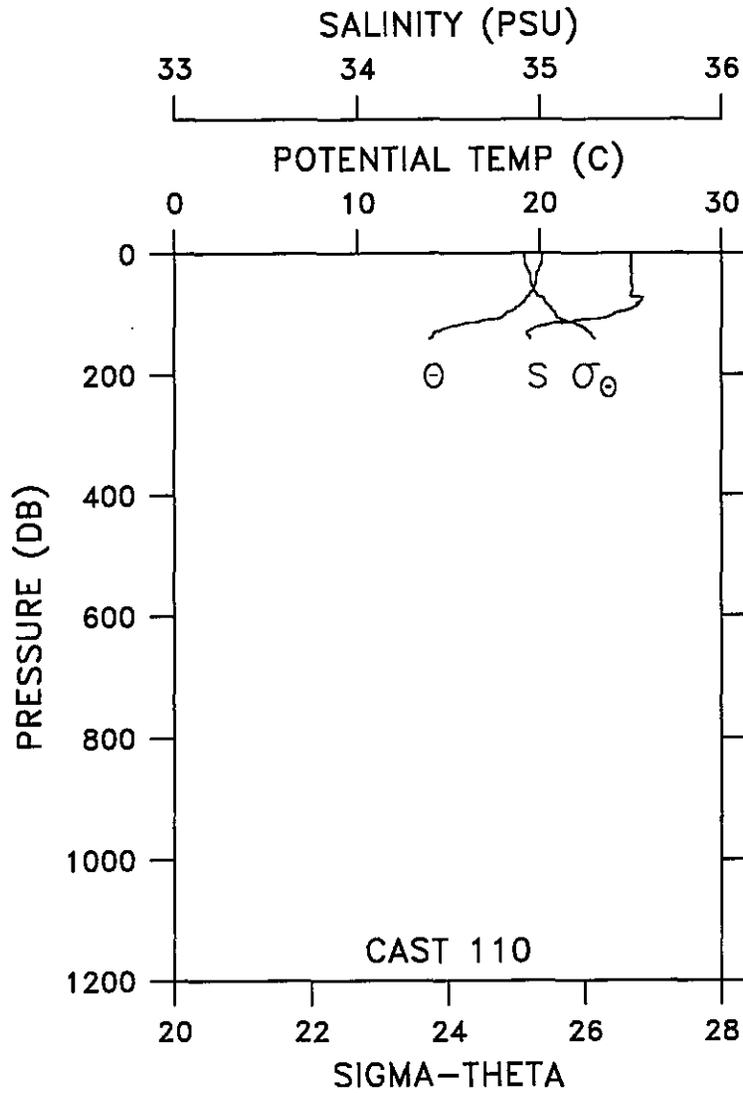
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.187	35.468	25.070	0.000
10	20.173	35.496	25.095	0.029
20	19.990	35.497	25.145	0.057
30	19.847	35.505	25.188	0.085
40	19.821	35.503	25.194	0.113
50	19.750	35.505	25.214	0.141
60	19.611	35.509	25.253	0.168
70	19.291	35.565	25.379	0.195
80	19.059	35.536	25.417	0.221
90	18.461	35.475	25.522	0.246
100	18.077	35.401	25.561	0.271
110	16.503	35.161	25.756	0.295
120	14.734	34.969	26.007	0.316
130	14.183	34.948	26.109	0.336
140	13.718	34.951	26.209	0.355
150	13.390	34.936	26.265	0.373
160	13.126	34.921	26.307	0.391
170	12.808	34.912	26.364	0.408
180	12.668	34.904	26.386	0.425
190	12.533	34.895	26.405	0.442
200	12.267	34.882	26.447	0.458
250	11.431	34.834	26.568	0.537
300	10.828	34.794	26.647	0.611
350	10.022	34.745	26.750	0.682
400	9.422	34.708	26.822	0.749
450	8.683	34.661	26.904	0.812
500	8.019	34.627	26.979	0.872
550	7.470	34.602	27.039	0.928
600	6.950	34.569	27.086	0.983
650	6.457	34.555	27.142	1.035
700	6.206	34.557	27.176	1.085
750	5.824	34.539	27.210	1.133
797	5.552	34.538	27.243	1.177

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CAST EP7-92-DI -110 DATE 25 NOV 92 TIME 0630 GMT
LAT 13 14.0S LONG 084 04.6W



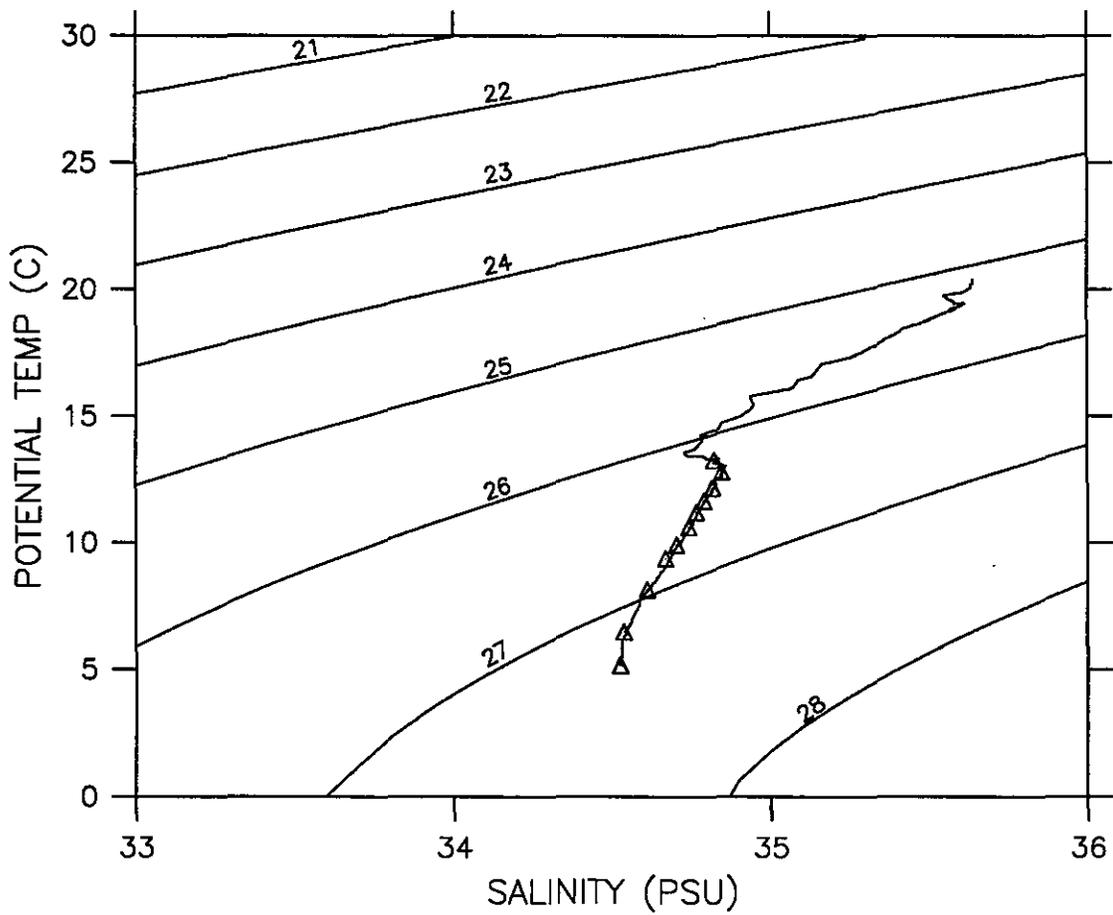
659



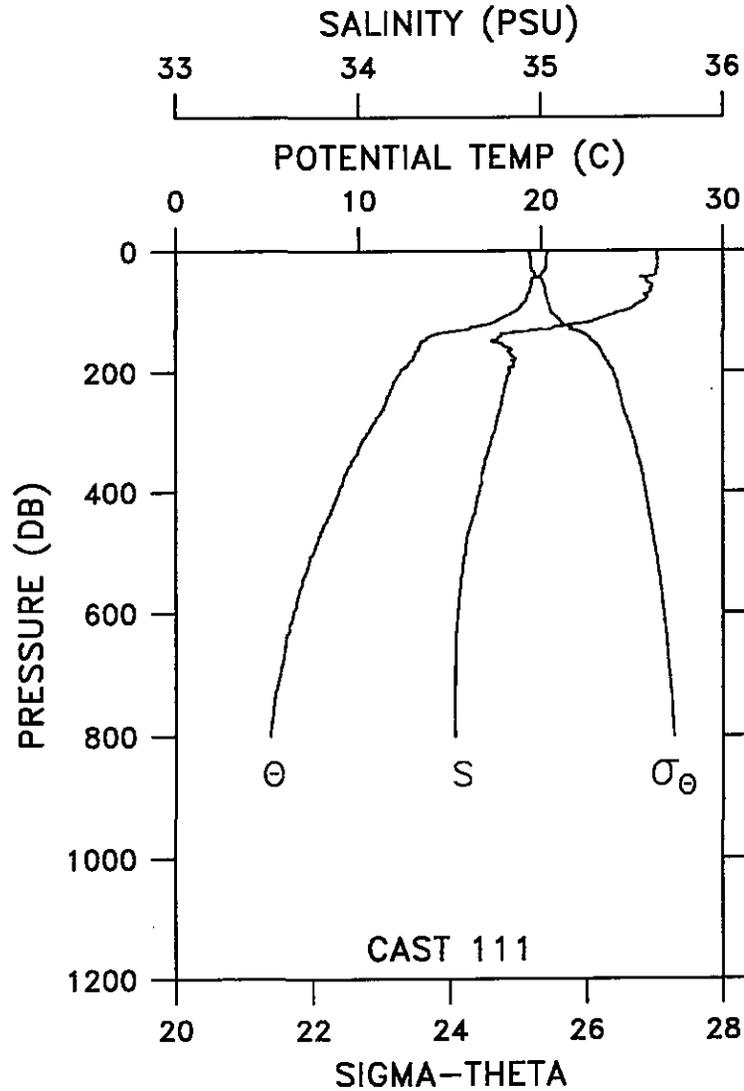
CAST EP7-92-DI -110 DATE 25 NOV 92 TIME 0630 GMT
 LAT 13 14.0S LONG 084 04.6W WEATHER 1 SEA STATE
 BAROMETER 13 WIND DIR 120 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 19.8 WET 17.7 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.141	35.505	25.111	0.000
10	20.129	35.504	25.113	0.028
20	20.067	35.504	25.129	0.057
30	19.904	35.505	25.173	0.085
40	19.822	35.506	25.196	0.113
50	19.767	35.505	25.209	0.141
60	19.644	35.510	25.245	0.168
70	19.421	35.499	25.295	0.195
80	19.137	35.553	25.410	0.221
90	18.688	35.513	25.494	0.247
100	18.121	35.411	25.558	0.272
110	16.946	35.217	25.695	0.296
120	15.127	35.002	25.946	0.318
130	14.305	34.935	26.073	0.338
140	14.061	34.950	26.137	0.358
141	13.999	34.949	26.149	0.360

CAST EP7-92-DI -111 DATE 25 NOV 92 TIME 1738 GMT
LAT 13 25.7S LONG 086 48.4W

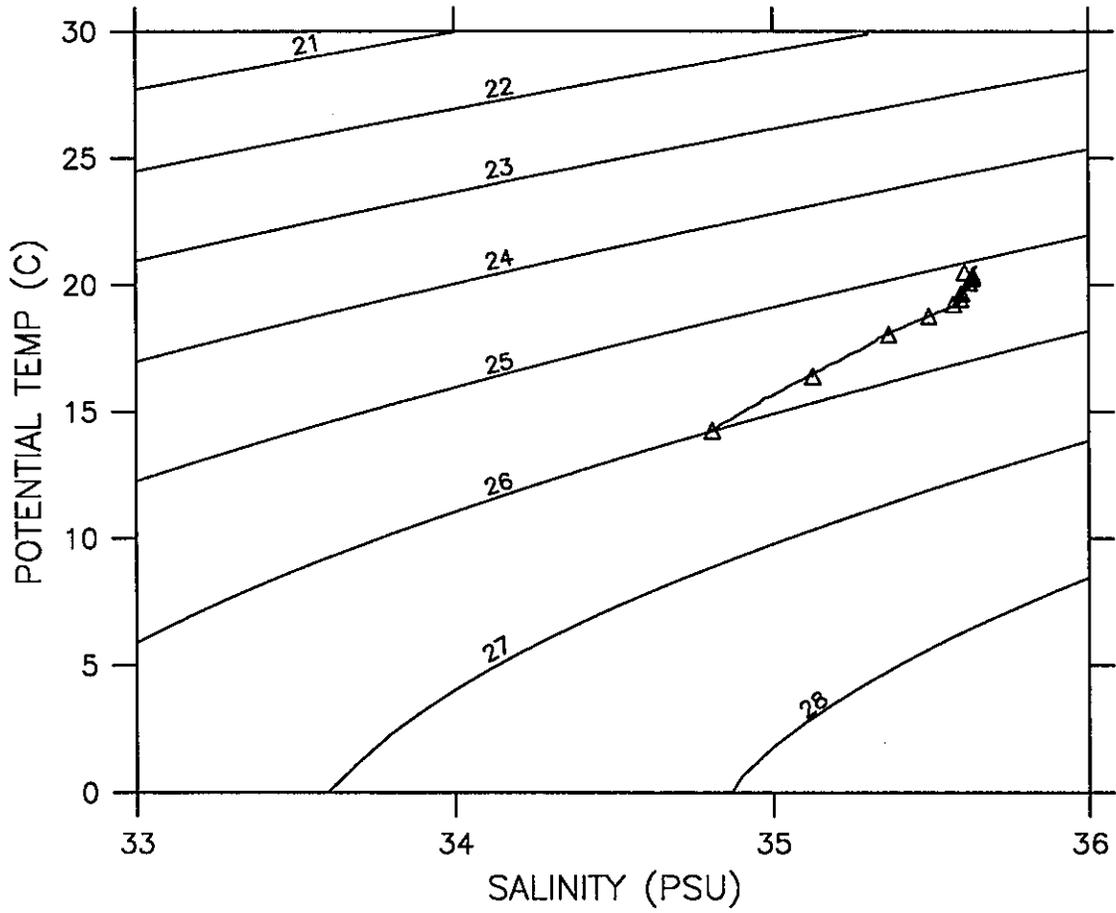


CAST EP7-92-DI -111 DATE 25 NOV 92 TIME 1738 GMT
 LAT 13 25.7S LONG 086 48.4W WEATHER 1 SEA STATE 3
 BAROMETER 16 WIND DIR 130 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 22.0 WET 18.2 DEPTH M

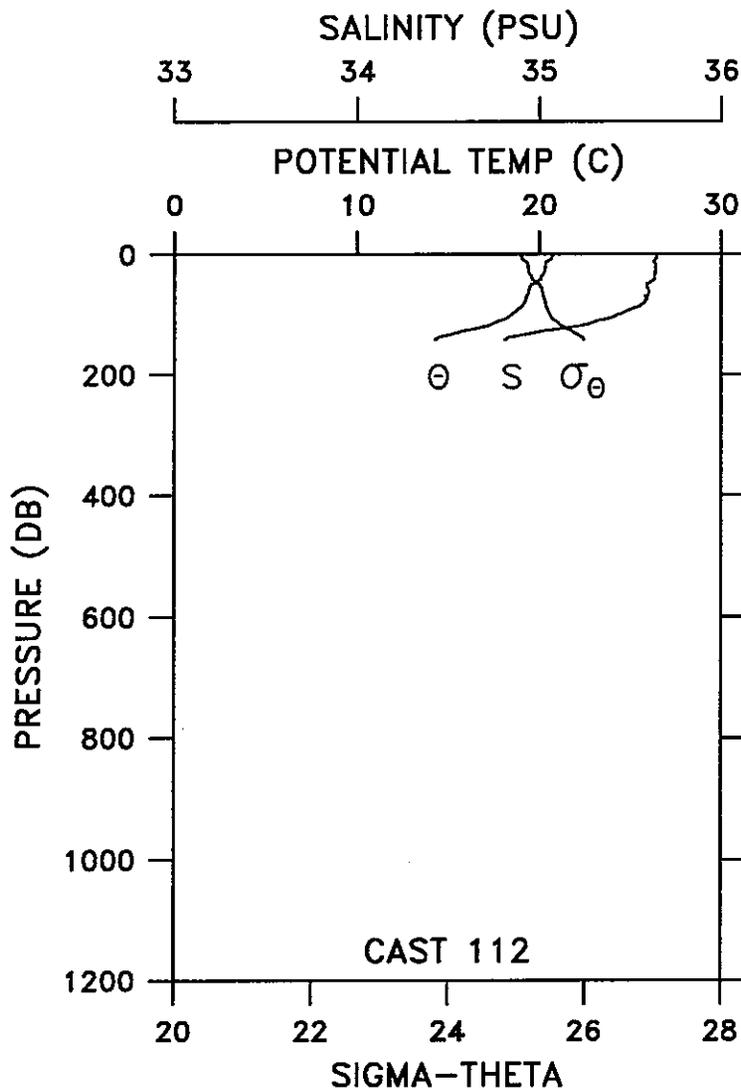


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.368	35.636	25.150	0.000
10	20.286	35.639	25.174	0.028
20	20.261	35.639	25.181	0.056
30	20.231	35.638	25.188	0.084
40	20.012	35.624	25.236	0.111
50	19.456	35.577	25.346	0.138
60	19.412	35.607	25.380	0.164
70	19.299	35.588	25.395	0.190
80	19.158	35.571	25.418	0.216
90	18.889	35.518	25.446	0.242
100	18.510	35.433	25.477	0.267
110	17.875	35.339	25.563	0.292
120	17.167	35.202	25.630	0.316
130	15.784	34.936	25.749	0.339
140	13.998	34.784	26.022	0.360
150	13.426	34.742	26.108	0.380
160	13.319	34.832	26.199	0.399
170	13.125	34.835	26.241	0.418
180	12.985	34.857	26.286	0.436
190	12.625	34.844	26.347	0.453
200	12.318	34.830	26.397	0.470
250	11.495	34.784	26.517	0.551
300	10.567	34.744	26.654	0.626
350	9.598	34.692	26.780	0.696
400	8.920	34.662	26.867	0.760
450	8.237	34.621	26.940	0.822
500	7.540	34.587	27.017	0.879
550	6.915	34.561	27.085	0.934
600	6.434	34.543	27.135	0.986
650	6.014	34.532	27.181	1.035
700	5.719	34.530	27.216	1.083
750	5.365	34.528	27.258	1.129
800	5.164	34.530	27.283	1.173
800	5.164	34.530	27.283	1.173

CAST EP7-92-DI -112 DATE 25 NOV 92 TIME 1922 GMT
LAT 13 25.7S LONG 086 48.4W



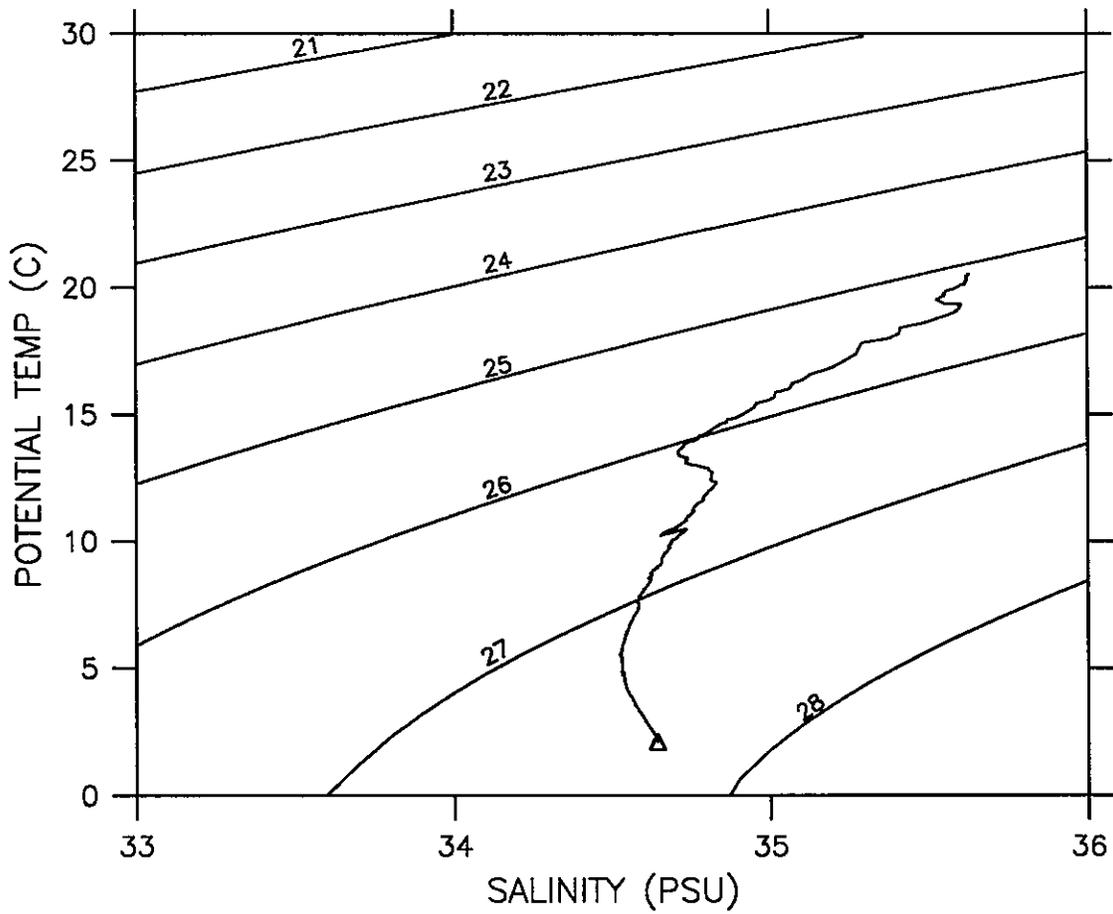
663



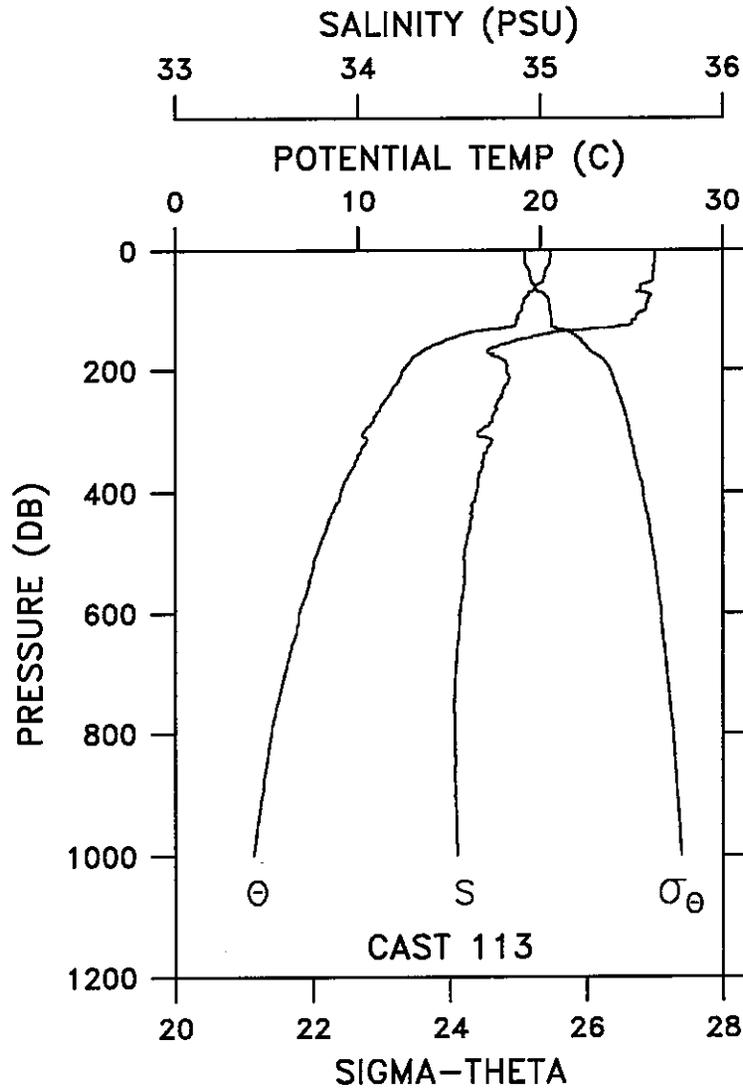
CAST EP7-92-DI -112 DATE 25 NOV 92 TIME 1922 GMT
 LAT 13 25.7S LONG 086 48.4W WEATHER 1 SEA STATE 3
 BAROMETER 14 WIND DIR 130 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.1 WET 18.2 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.742	35.644	25.055	0.000
10	20.525	35.636	25.108	0.029
20	20.317	35.640	25.167	0.057
30	20.268	35.638	25.178	0.085
40	20.090	35.635	25.223	0.113
50	19.562	35.593	25.330	0.140
60	19.430	35.601	25.371	0.166
70	19.284	35.581	25.393	0.192
80	19.183	35.578	25.417	0.218
90	18.879	35.515	25.447	0.244
100	18.495	35.439	25.486	0.269
110	17.774	35.321	25.574	0.294
120	16.992	35.206	25.675	0.318
130	15.535	34.974	25.834	0.341
140	14.340	34.821	25.978	0.362
142	14.265	34.809	25.984	0.366

CAST EP7-92-DI -113 DATE 26 NOV 92 TIME 0337 GMT
LAT 13 32.3S LONG 088 29.8W



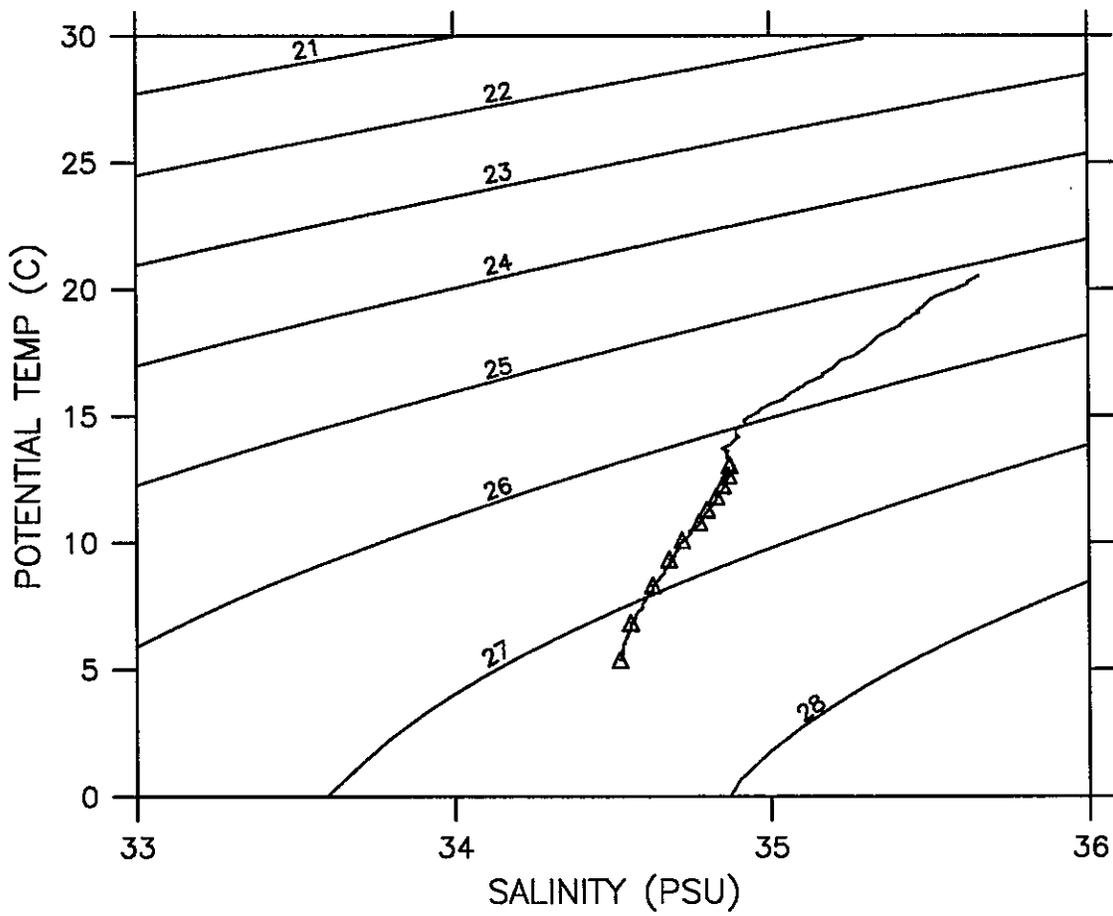
665



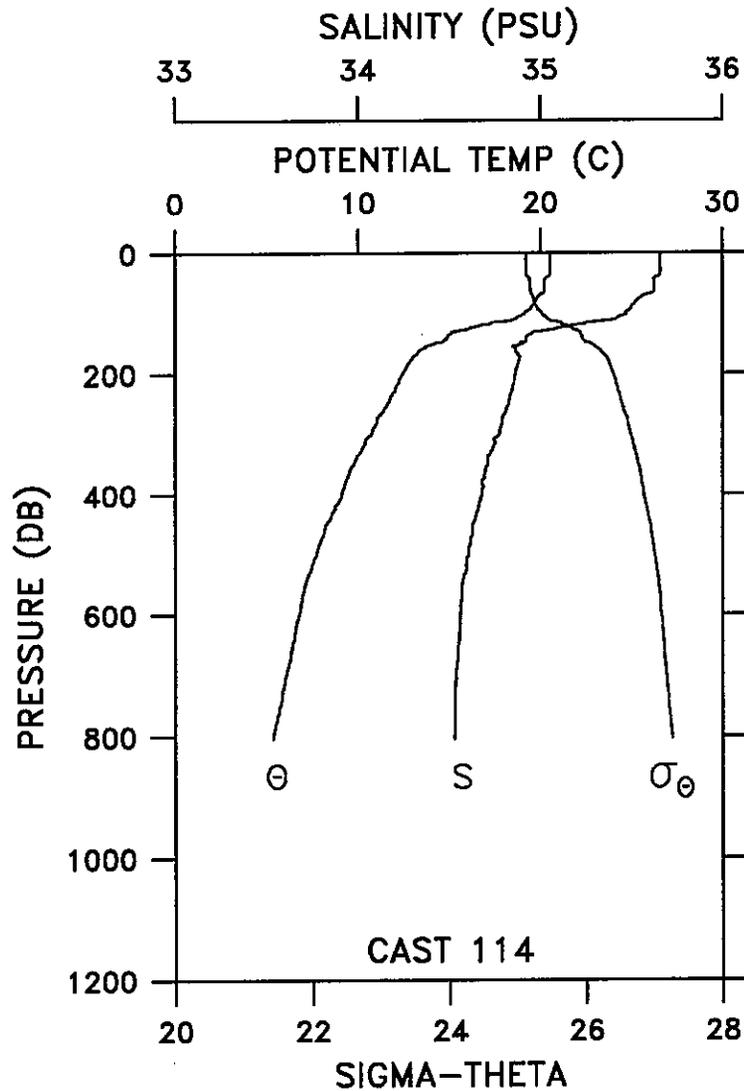
CAST EP7-92-DI-113 DATE 26 NOV 92 TIME 0337 GMT
 LAT 13 32.3S LONG 088 29.8W WEATHER 2 SEA STATE
 BAROMETER 16 WIND DIR 110 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.0 WET 17.6 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.518	35.629	25.104	0.000
10	20.526	35.627	25.101	0.029
20	20.504	35.626	25.108	0.057
30	20.348	35.622	25.145	0.086
40	20.227	35.620	25.176	0.114
50	20.152	35.617	25.193	0.142
60	19.744	35.551	25.251	0.169
70	19.509	35.529	25.295	0.196
80	19.171	35.599	25.436	0.222
90	19.048	35.587	25.459	0.248
100	18.978	35.578	25.470	0.273
110	18.749	35.527	25.489	0.299
120	18.653	35.502	25.494	0.324
130	18.189	35.410	25.540	0.349
140	15.977	35.053	25.795	0.373
150	14.869	34.891	25.917	0.394
160	14.053	34.773	26.002	0.415
170	13.484	34.708	26.069	0.436
180	12.983	34.771	26.220	0.455
190	12.750	34.812	26.298	0.473
200	12.494	34.814	26.350	0.490
250	11.474	34.768	26.509	0.572
300	10.367	34.669	26.631	0.648
350	9.835	34.679	26.730	0.720
400	9.045	34.647	26.835	0.786
450	8.360	34.616	26.918	0.849
500	7.760	34.584	26.983	0.908
550	7.313	34.580	27.044	0.965
600	6.763	34.556	27.101	1.018
650	6.398	34.544	27.141	1.070
700	5.993	34.531	27.183	1.120
750	5.592	34.525	27.228	1.168
800	5.256	34.529	27.272	1.213
900	4.762	34.531	27.330	1.300
1000	4.267	34.542	27.394	1.380
1500	2.845	34.607	27.585	1.722
2000	2.121	34.650	27.682	1.998
2004	2.116	34.651	27.683	2.000

CAST EP7-92-DI -114 DATE 26 NOV 92 TIME 0850 GMT
LAT 13 36.9S LONG 089 32.2W



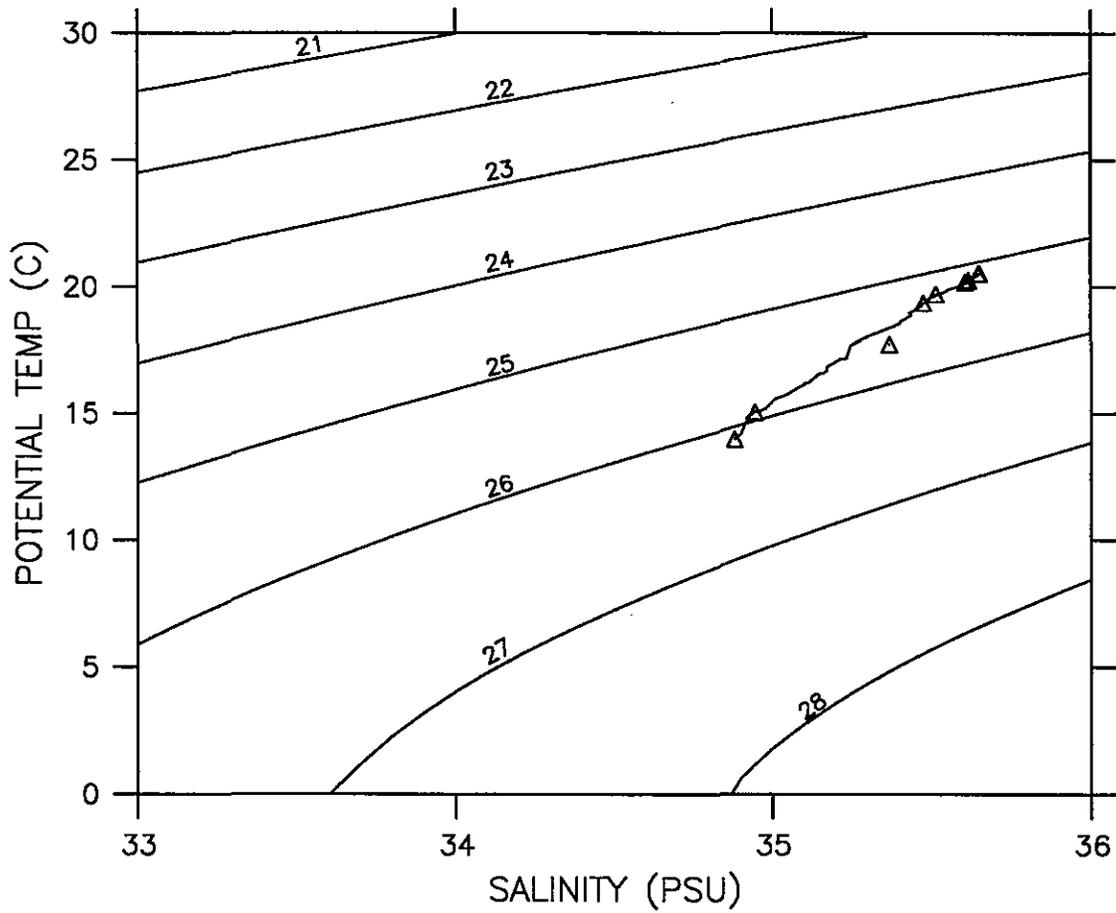
667



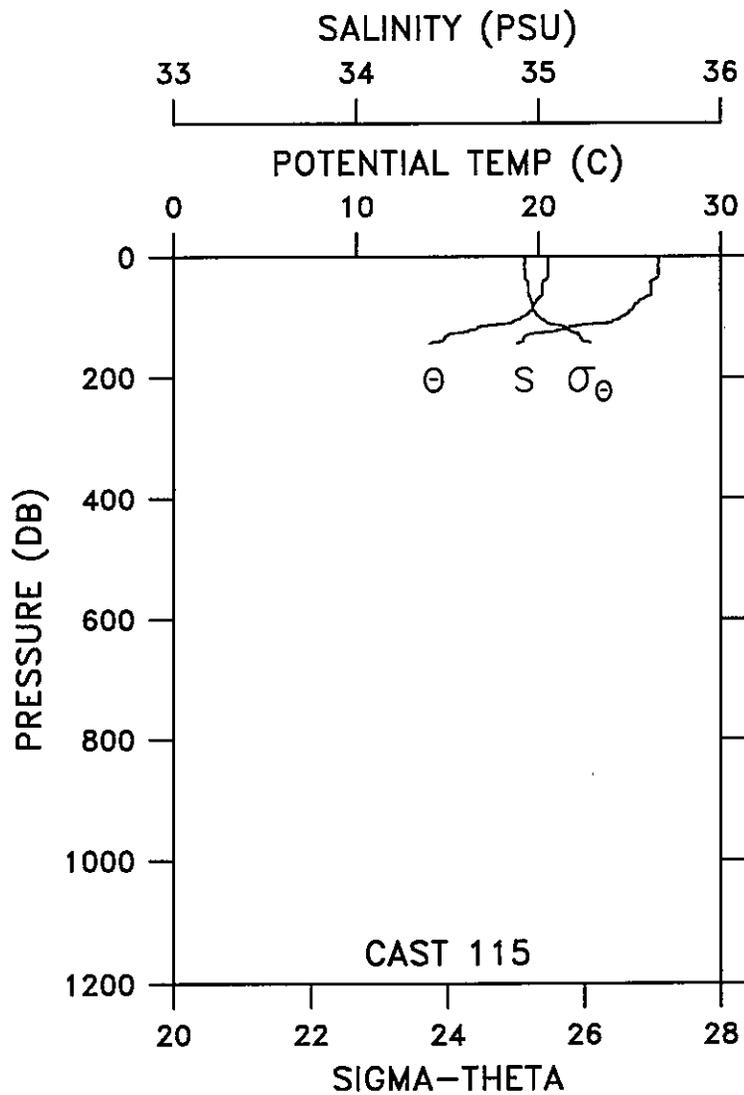
CAST EP7-92-DI -114 DATE 26 NOV 92 TIME 0850 GMT
 LAT 13 36.9S LONG 089 32.2W WEATHER 1 SEA STATE
 BAROMETER 15 WIND DIR 105 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.0 WET 17.2 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.524	35.658	25.125	0.000
10	20.536	35.658	25.122	0.028
20	20.534	35.658	25.122	0.057
30	20.529	35.659	25.124	0.085
40	20.406	35.642	25.144	0.114
50	20.233	35.626	25.179	0.142
60	20.213	35.626	25.184	0.170
70	19.952	35.574	25.213	0.197
80	19.721	35.528	25.239	0.225
90	19.497	35.500	25.276	0.252
100	19.137	35.473	25.349	0.279
110	18.571	35.413	25.447	0.305
120	16.681	35.172	25.723	0.330
130	15.241	34.968	25.895	0.352
140	14.875	34.922	25.940	0.373
150	14.168	34.902	26.077	0.394
160	13.429	34.865	26.202	0.413
170	13.087	34.879	26.283	0.431
180	12.819	34.880	26.337	0.449
190	12.633	34.870	26.366	0.466
200	12.427	34.861	26.399	0.483
250	11.612	34.824	26.527	0.563
300	10.708	34.775	26.653	0.638
350	9.737	34.708	26.769	0.708
400	9.120	34.678	26.847	0.774
450	8.241	34.626	26.944	0.835
500	7.748	34.605	27.001	0.893
550	7.104	34.571	27.066	0.949
600	6.770	34.560	27.104	1.002
650	6.421	34.550	27.142	1.053
700	6.055	34.537	27.180	1.103
750	5.739	34.529	27.213	1.151
800	5.359	34.527	27.258	1.197
804	5.348	34.528	27.260	1.201

CAST EP7-92-DI -115 DATE 26 NOV 92 TIME 1021 GMT
LAT 13 37.0S LONG 089 32.2W



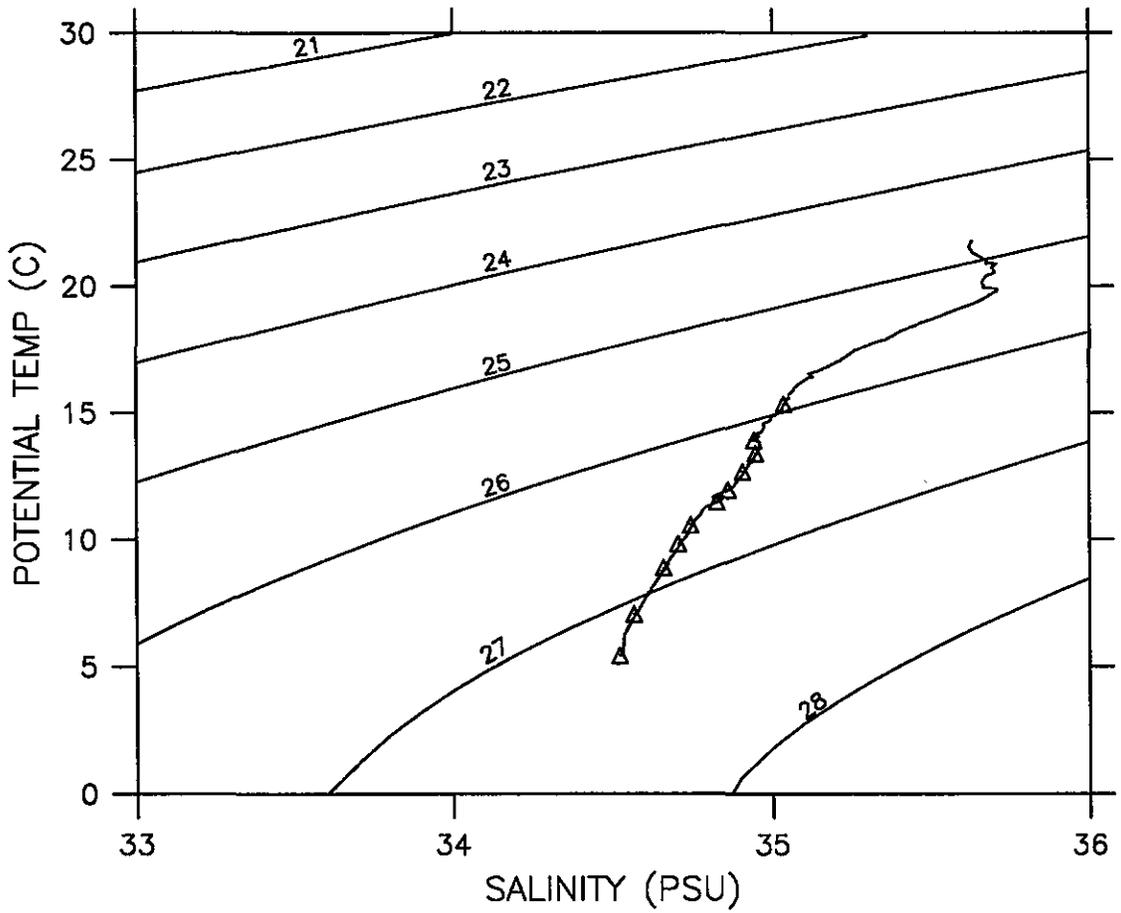
699



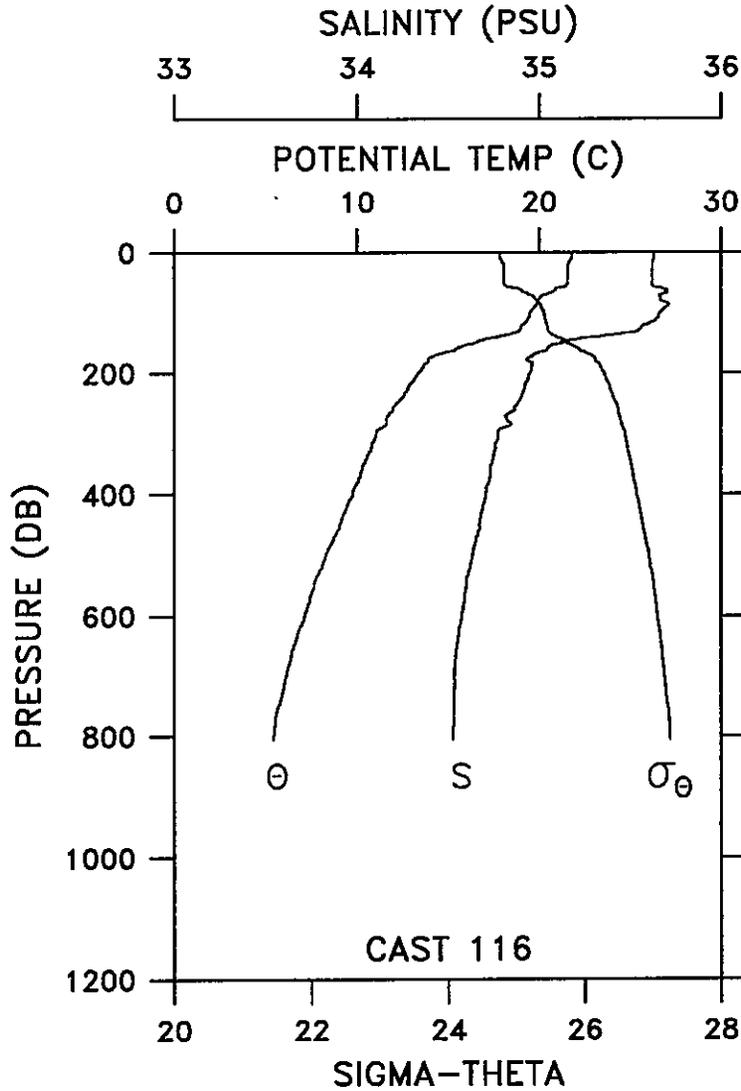
CAST EP7-92-DI -115 DATE 26 NOV 92 TIME 1021 GMT
 LAT 13 37.0S LONG 089 32.2W WEATHER 2 SEA STATE 3
 BAROMETER 16 WIND DIR 110 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.0 WET 17.8 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.511	35.659	25.129	0.000
10	20.509	35.659	25.130	0.028
20	20.516	35.659	25.128	0.057
30	20.514	35.659	25.128	0.085
40	20.293	35.624	25.161	0.113
50	20.210	35.619	25.179	0.141
60	20.202	35.621	25.183	0.169
70	19.950	35.571	25.212	0.197
80	19.720	35.528	25.239	0.225
90	19.532	35.495	25.263	0.252
100	19.061	35.450	25.350	0.279
110	18.431	35.381	25.458	0.305
120	16.567	35.146	25.730	0.329
130	14.998	34.938	25.925	0.351
140	14.562	34.910	25.999	0.372
143	14.026	34.881	26.091	0.378

CAST EP7-92-DI -116 DATE 26 NOV 92 TIME 2132 GMT
LAT 13 48.0S LONG 092 15.7W

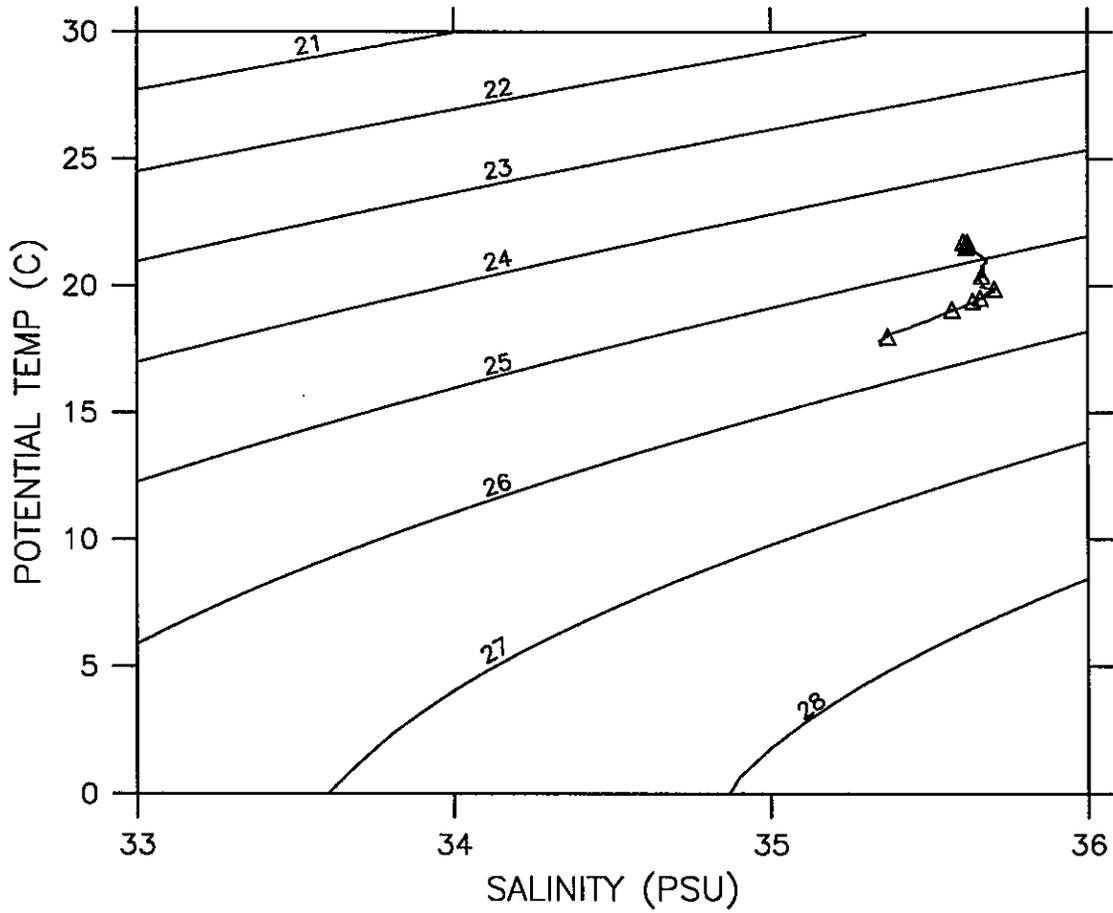


CAST EP7-92-DI -116 DATE 26 NOV 92 TIME 2132 GMT
 LAT 13 48.0S LONG 092 15.7W WEATHER 1 SEA STATE 4
 BAROMETER 15 WIND DIR 130 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.0 WET 18.4 DEPTH M

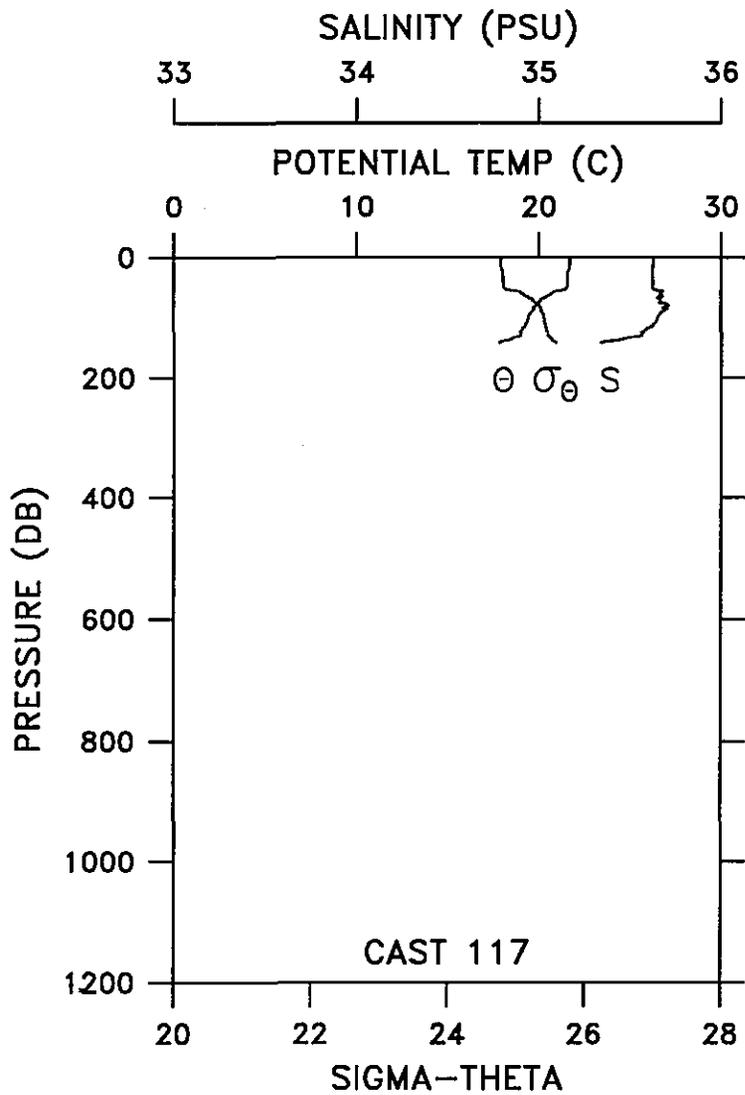


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.793	35.629	24.755	0.000
10	21.775	35.629	24.760	0.032
20	21.594	35.622	24.805	0.063
30	21.571	35.622	24.811	0.095
40	21.563	35.621	24.813	0.126
50	21.550	35.622	24.817	0.158
60	20.939	35.675	25.026	0.189
70	20.418	35.676	25.167	0.218
80	19.940	35.669	25.289	0.245
90	19.791	35.707	25.358	0.272
100	19.498	35.666	25.403	0.298
110	19.414	35.651	25.413	0.324
120	19.123	35.590	25.441	0.350
130	18.893	35.543	25.465	0.375
140	17.764	35.320	25.576	0.401
150	16.425	35.130	25.750	0.424
160	15.398	35.045	25.919	0.446
170	14.325	34.970	26.096	0.467
180	13.904	34.936	26.159	0.486
190	13.633	34.959	26.233	0.505
200	13.360	34.948	26.280	0.523
250	12.167	34.881	26.465	0.608
300	11.062	34.776	26.591	0.687
350	10.397	34.738	26.679	0.761
400	9.780	34.707	26.761	0.830
450	9.040	34.667	26.852	0.896
500	8.284	34.629	26.940	0.958
550	7.643	34.599	27.012	1.017
600	7.118	34.574	27.067	1.072
650	6.526	34.548	27.127	1.125
700	6.110	34.534	27.170	1.176
750	5.716	34.530	27.217	1.224
800	5.426	34.526	27.249	1.271
805	5.416	34.526	27.250	1.275

CAST EP7-92-DI -117 DATE 26 NOV 92 TIME 2300 GMT
LAT 13 48.0S LONG 092 15.7W



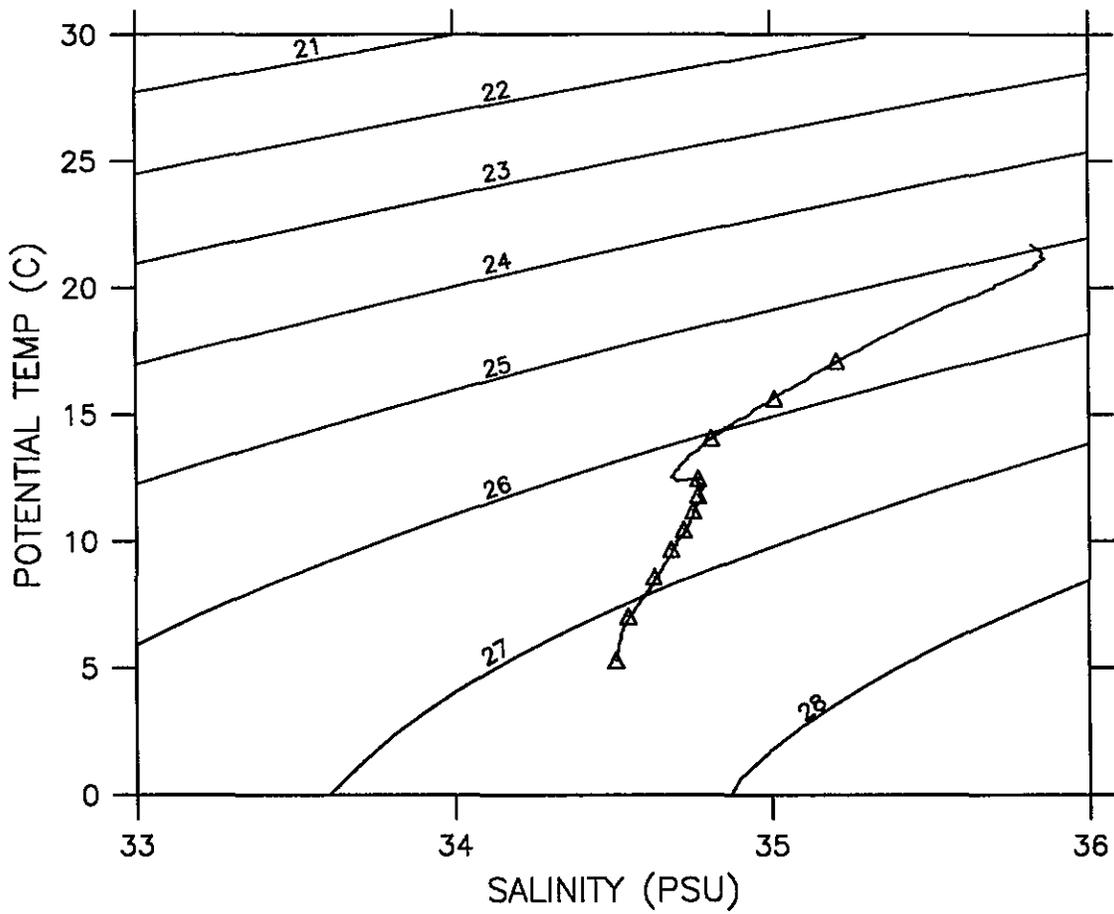
673



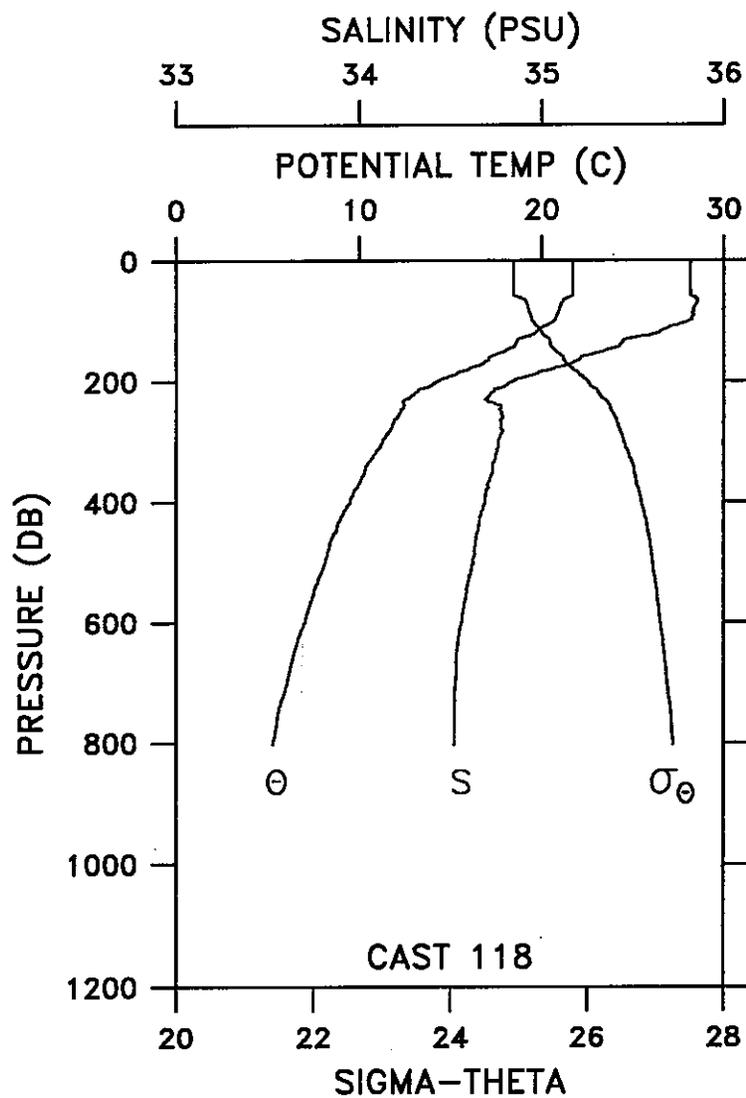
CAST EP7-92-DI -117 DATE 26 NOV 92 TIME 2300 GMT
 LAT 13 48.0S LONG 092 15.7W WEATHER 1 SEA STATE 4
 BAROMETER 17 WIND DIR 120 T SPD 17 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.0 WET 18.8 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.716	35.628	24.776	0.000
10	21.714	35.628	24.776	0.032
20	21.645	35.627	24.795	0.063
30	21.585	35.626	24.811	0.095
40	21.574	35.627	24.814	0.126
50	21.544	35.624	24.820	0.158
60	20.717	35.675	25.086	0.188
70	20.105	35.666	25.243	0.216
80	19.862	35.711	25.342	0.243
90	19.632	35.676	25.375	0.269
100	19.431	35.654	25.411	0.295
110	19.305	35.636	25.430	0.321
120	19.095	35.589	25.448	0.347
130	18.964	35.562	25.461	0.373
140	17.915	35.359	25.569	0.398
142	17.838	35.346	25.578	0.403

CAST EP7-92-DI -118 DATE 27 NOV 92 TIME 1005 GMT
LAT 14 00.0S LONG 094 59.9W



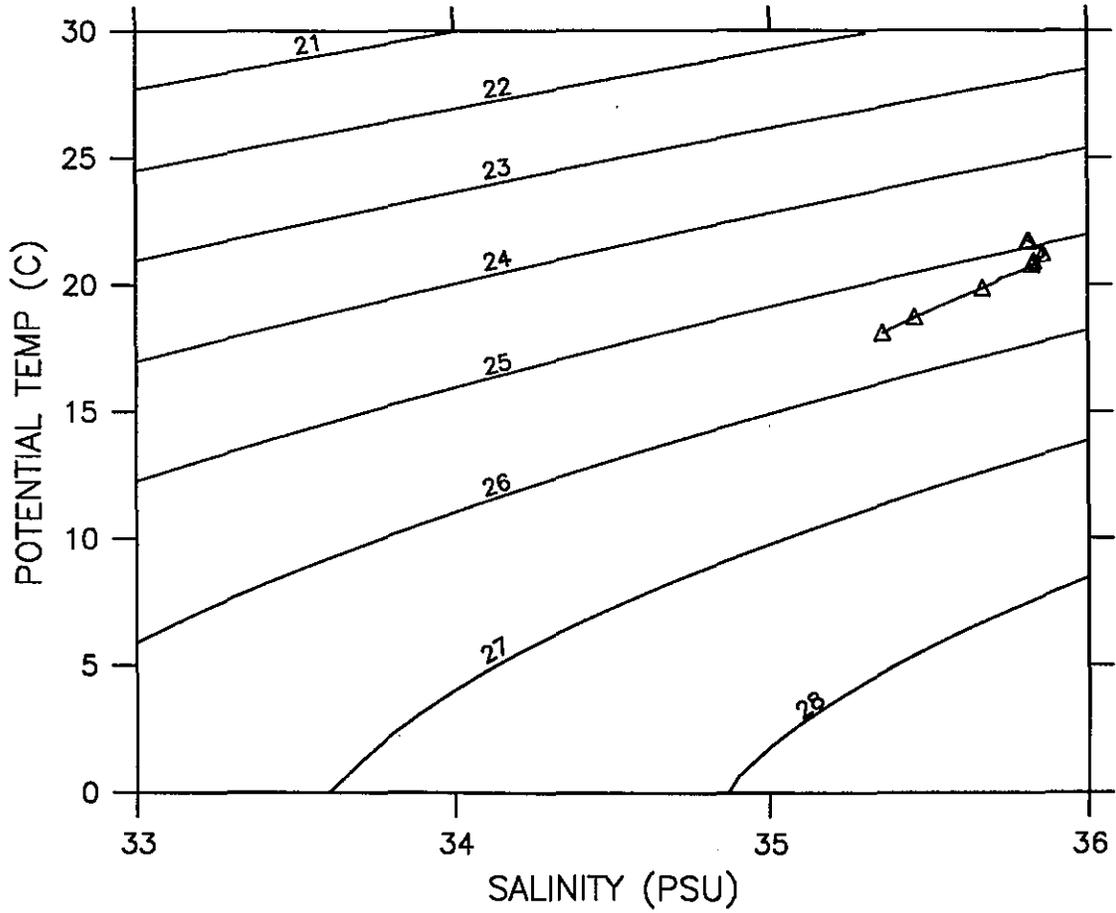
675



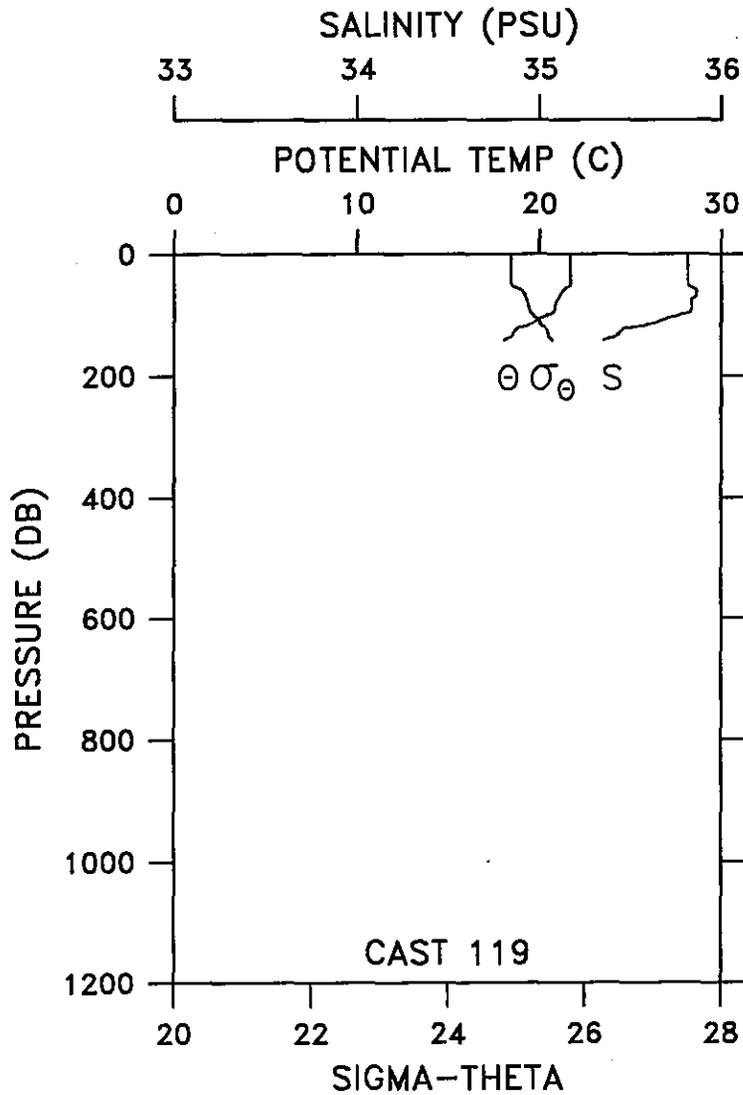
CAST EP7-92-DI -118 DATE 27 NOV 92 TIME 1005 GMT
 LAT 14 00.0S LONG 094 59.9W WEATHER 1 SEA STATE
 BAROMETER 17 WIND DIR 115 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.0 WET 18.5 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.714	35.820	24.923	0.000
10	21.715	35.818	24.921	0.030
20	21.719	35.818	24.920	0.061
30	21.720	35.818	24.920	0.091
40	21.719	35.818	24.920	0.121
50	21.718	35.818	24.920	0.152
60	21.570	35.832	24.972	0.182
70	21.112	35.854	25.115	0.211
80	20.970	35.834	25.139	0.240
90	20.865	35.836	25.169	0.268
100	20.674	35.806	25.198	0.296
110	20.053	35.705	25.287	0.324
120	19.664	35.637	25.337	0.351
130	18.725	35.463	25.446	0.377
140	18.557	35.432	25.465	0.403
150	17.957	35.337	25.542	0.428
160	17.118	35.216	25.653	0.452
170	16.818	35.170	25.689	0.476
180	15.999	35.059	25.794	0.499
190	15.211	34.949	25.887	0.521
200	14.271	34.843	26.009	0.542
250	12.286	34.775	26.360	0.636
300	11.271	34.762	26.542	0.717
350	10.300	34.729	26.689	0.792
400	9.490	34.688	26.795	0.860
450	8.705	34.648	26.890	0.924
500	8.138	34.625	26.959	0.985
550	7.531	34.587	27.018	1.042
600	7.010	34.560	27.071	1.098
650	6.444	34.536	27.128	1.150
700	6.061	34.529	27.173	1.200
750	5.568	34.521	27.228	1.248
800	5.295	34.522	27.261	1.294
803	5.291	34.522	27.262	1.297

CAST EP7-92-DI -119 DATE 27 NOV 92 TIME 1144 GMT
LAT 14 00.0S LONG 094 59.9W

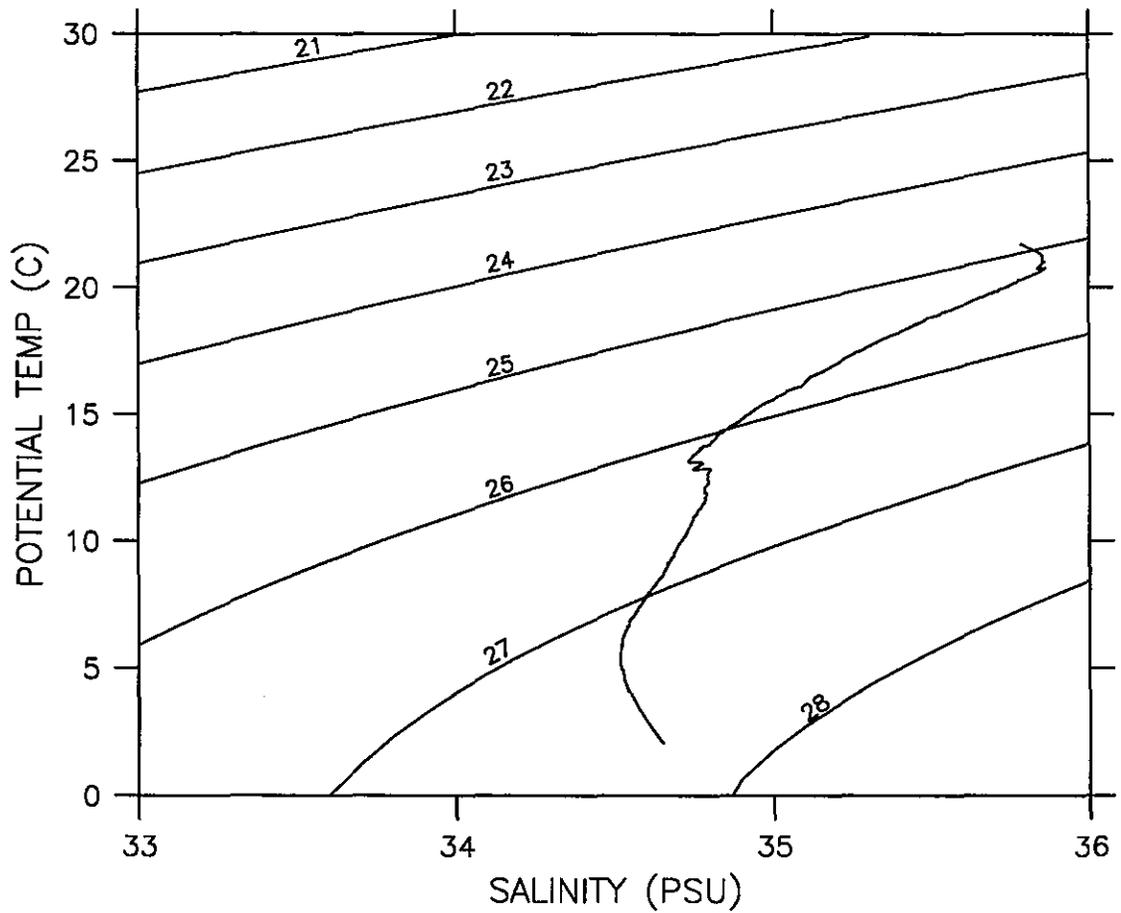


CAST EP7-92-DI -119 DATE 27 NOV 92 TIME 1144 GMT
 LAT 14 00.0S LONG 094 59.9W WEATHER 1 SEA STATE 4
 BAROMETER 17 WIND DIR 105 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.3 WET 19.0 DEPTH M

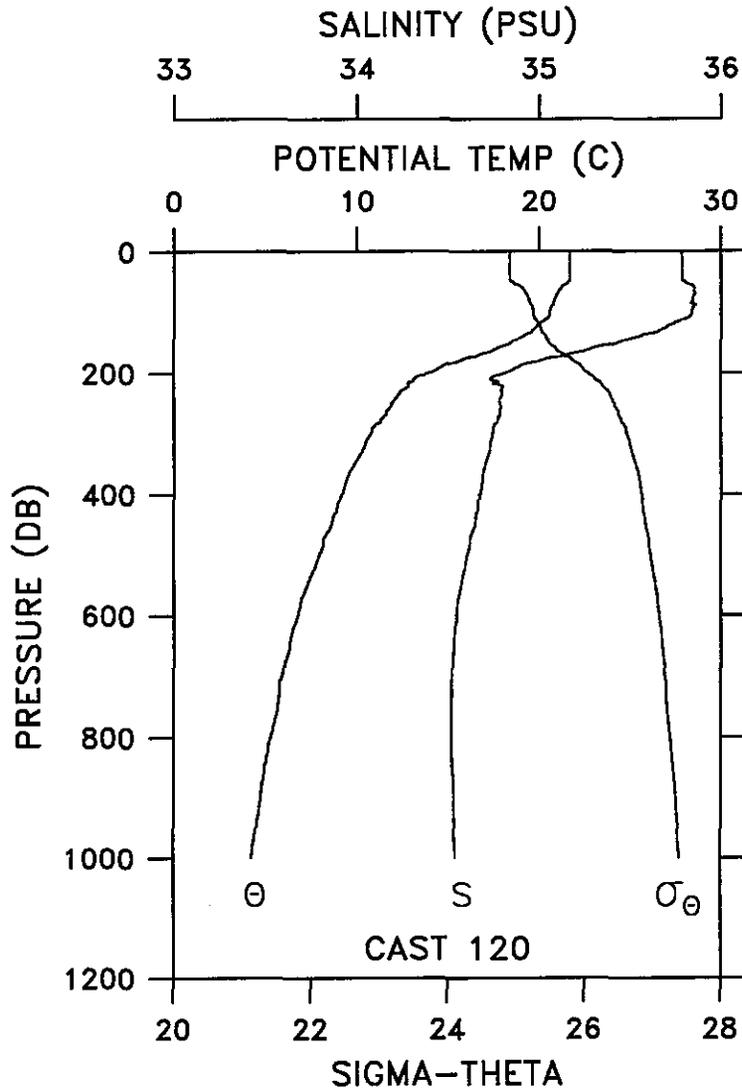


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.708	35.817	24.922	0.000
10	21.712	35.818	24.922	0.030
20	21.709	35.818	24.923	0.061
30	21.715	35.818	24.921	0.091
40	21.714	35.818	24.921	0.121
50	21.705	35.818	24.924	0.152
60	21.294	35.862	25.071	0.181
70	21.100	35.859	25.122	0.210
80	20.915	35.835	25.155	0.239
90	20.836	35.837	25.178	0.267
100	20.448	35.774	25.234	0.295
110	19.809	35.664	25.320	0.322
120	19.066	35.523	25.405	0.349
130	18.592	35.443	25.464	0.374
140	18.148	35.368	25.518	0.400
142	18.079	35.356	25.526	0.405

CAST EP7-92-DI -120 DATE 27 NOV 92 TIME 1349 GMT
LAT 13 51.4S LONG 094 59.8W

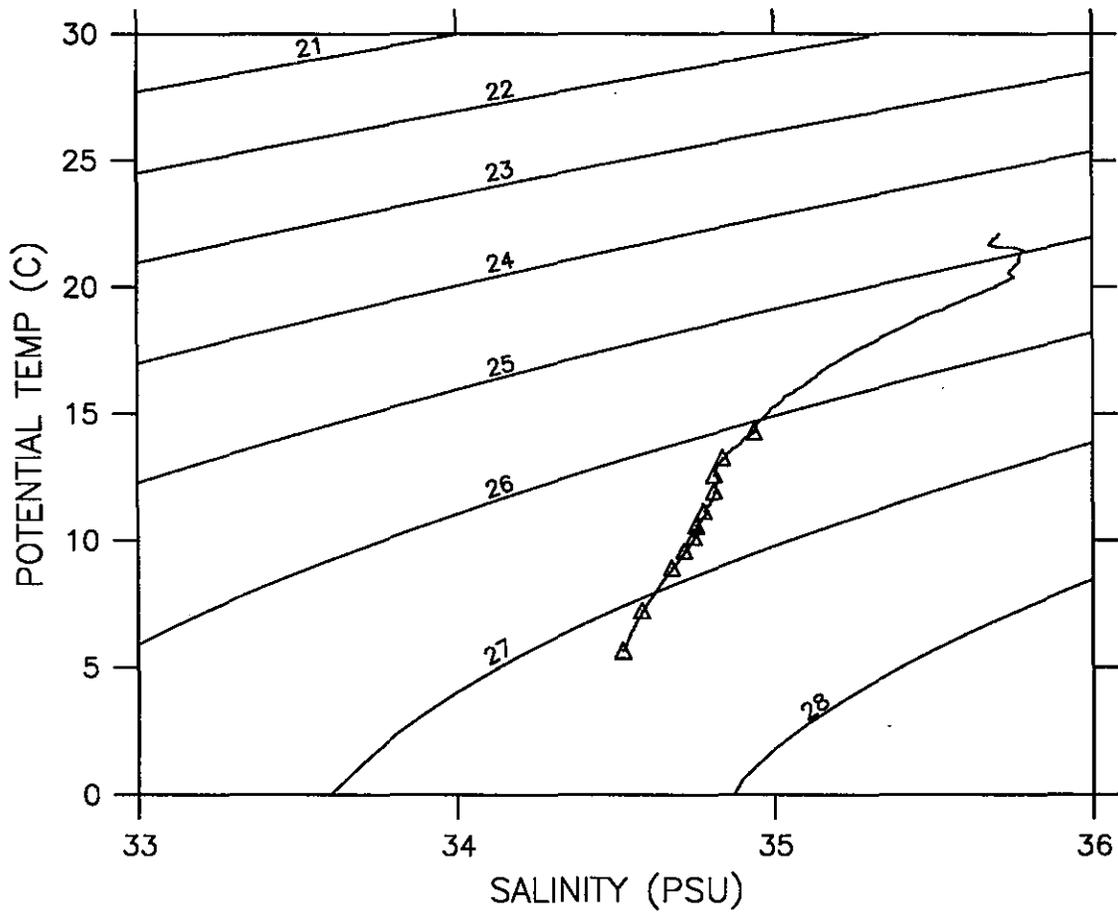


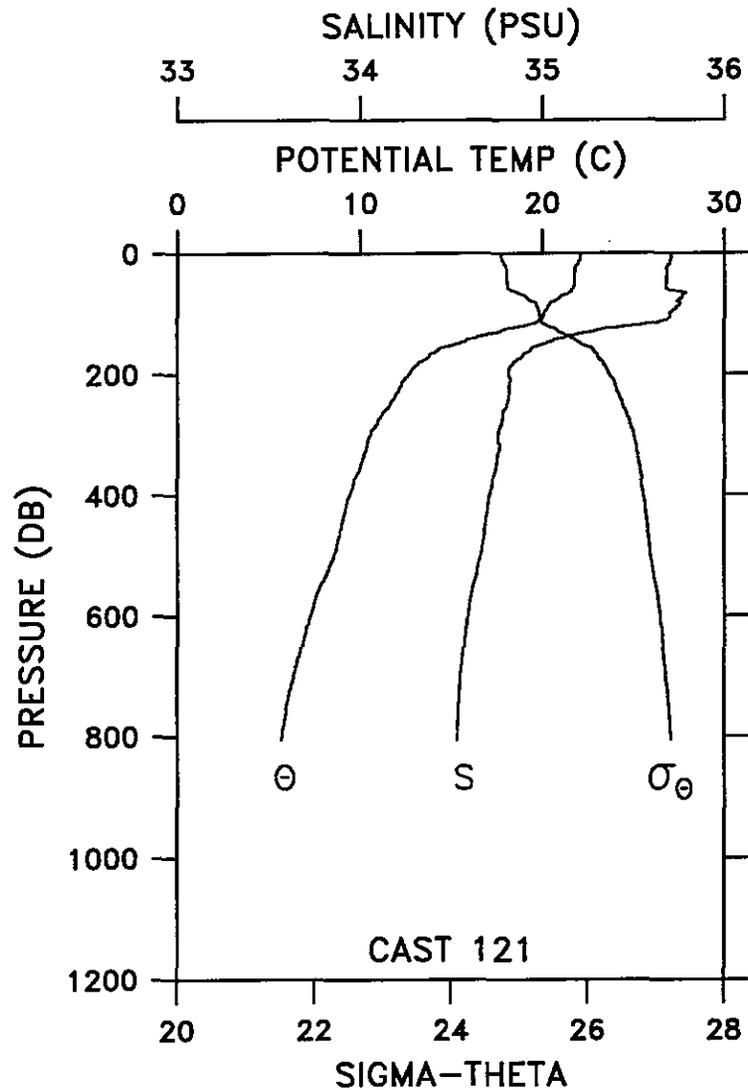
CAST EP7-92-DI -120 DATE 27 NOV 92 TIME 1349 GMT
 LAT 13 51.4S LONG 094 59.8W WEATHER 1 SEA STATE 4
 BAROMETER 18 WIND DIR 135 T SPD 20 KT VISIBILITY 7
 CLOUD AMOUNT DRY 20.0 WET 18.0 DEPTH M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.696	35.783	24.900	0.000
10	21.699	35.785	24.901	0.030
20	21.702	35.785	24.900	0.061
30	21.701	35.786	24.901	0.091
40	21.701	35.786	24.901	0.122
50	21.611	35.801	24.937	0.153
60	21.222	35.853	25.084	0.182
70	21.021	35.859	25.144	0.211
80	20.844	35.845	25.182	0.239
90	20.670	35.847	25.230	0.267
100	20.586	35.838	25.246	0.285
110	20.459	35.813	25.261	0.322
120	19.968	35.728	25.327	0.349
130	19.621	35.663	25.368	0.376
140	19.084	35.550	25.421	0.402
150	18.481	35.432	25.484	0.428
160	17.654	35.293	25.582	0.453
170	16.725	35.157	25.701	0.477
180	15.584	35.003	25.845	0.500
190	14.629	34.883	25.964	0.521
200	13.933	34.809	26.054	0.542
250	11.908	34.783	26.439	0.631
300	10.747	34.743	26.622	0.709
350	9.839	34.703	26.748	0.780
400	9.165	34.674	26.837	0.846
450	8.629	34.650	26.904	0.909
500	7.967	34.608	26.971	0.969
550	7.295	34.573	27.041	1.026
600	6.779	34.547	27.092	1.080
650	6.324	34.533	27.142	1.131
700	5.922	34.525	27.187	1.181
750	5.693	34.522	27.213	1.229
800	5.286	34.519	27.260	1.275
900	4.719	34.531	27.335	1.362
1000	4.248	34.542	27.396	1.442
1500	2.790	34.609	27.592	1.780
2000	2.075	34.651	27.686	2.051
2005	2.071	34.652	27.688	2.054

CAST EP7-92-DI -121 DATE 27 NOV 92 TIME 2344 GMT
LAT 11 55.1S LONG 095 00.0W

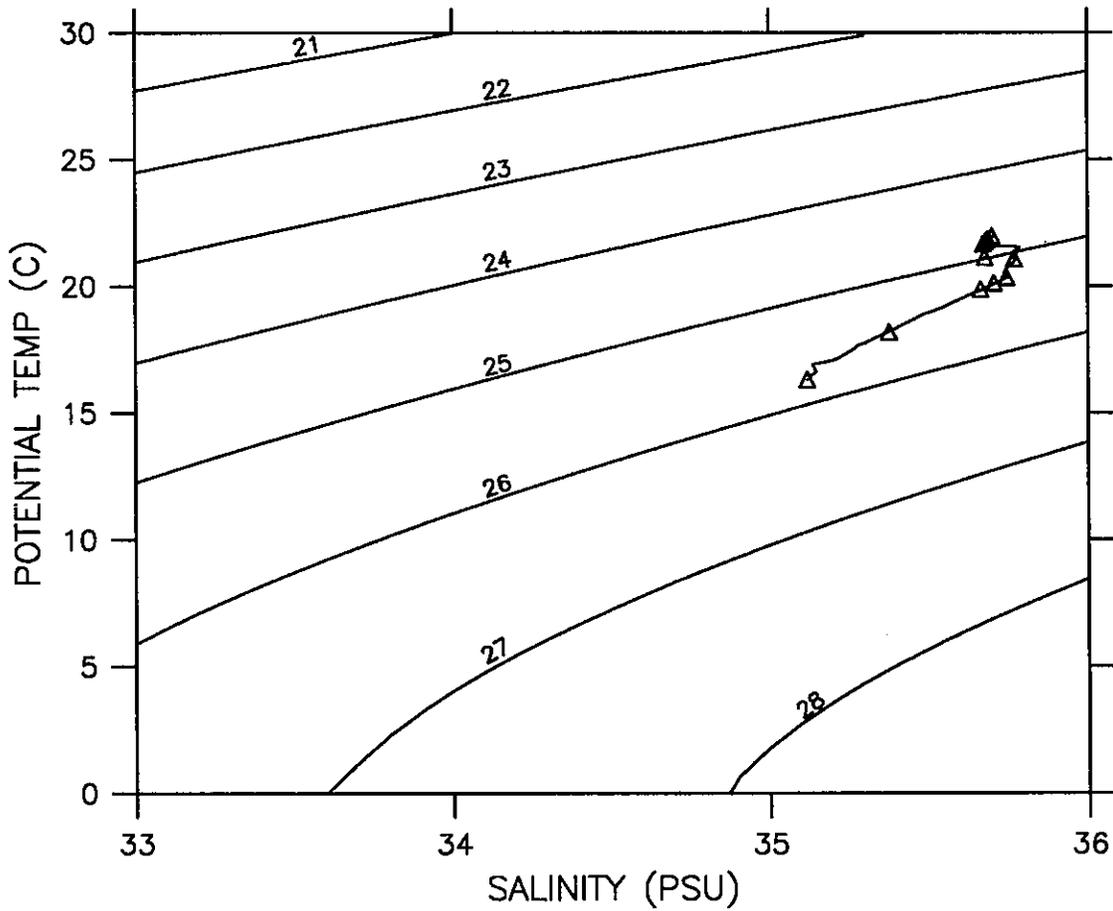


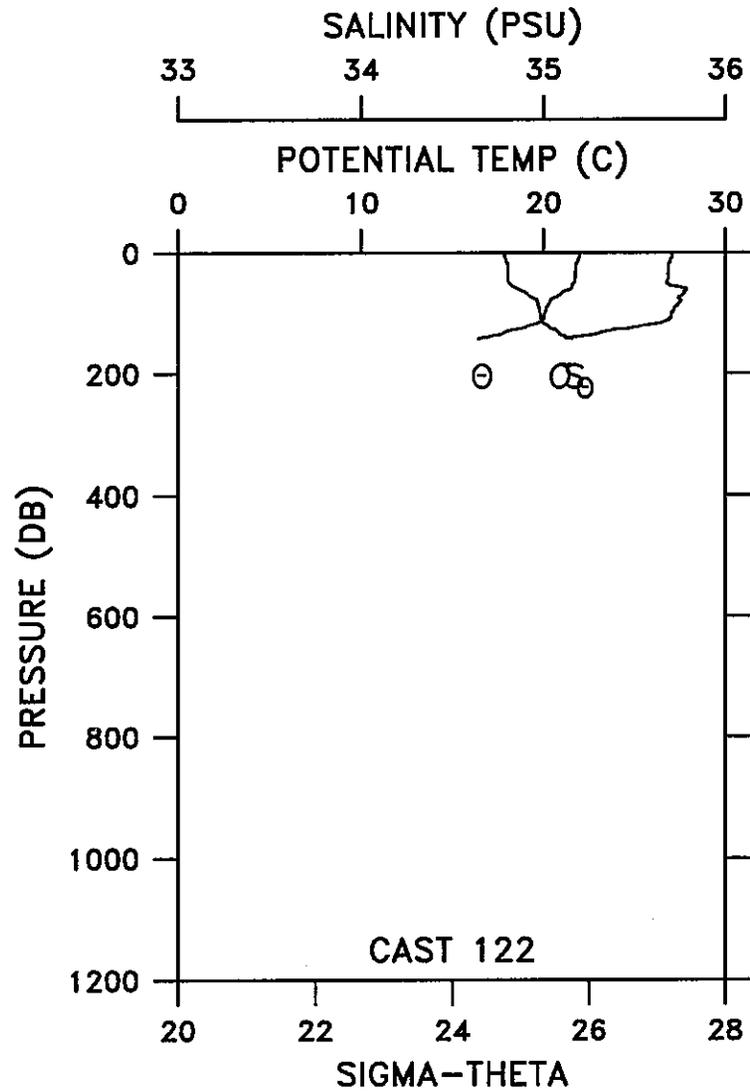


CAST EP7-92-DI -121 DATE 27 NOV 92 TIME 2344 GMT
 LAT 11 55.1S LONG 095 00.0W WEATHER 1 SEA STATE 3
 BAROMETER 16 WIND DIR 120 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.8 WET 18.5 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.099	35.707	24.729	0.000
10	22.071	35.705	24.736	0.032
20	21.889	35.690	24.774	0.064
30	21.771	35.686	24.804	0.095
40	21.741	35.682	24.810	0.127
50	21.730	35.683	24.814	0.158
60	21.611	35.694	24.855	0.190
70	21.080	35.770	25.060	0.220
80	20.570	35.738	25.174	0.249
90	20.257	35.733	25.254	0.276
100	20.043	35.697	25.283	0.304
110	19.941	35.683	25.299	0.331
120	18.986	35.500	25.408	0.357
130	17.550	35.263	25.585	0.382
140	16.346	35.116	25.758	0.406
150	15.286	35.004	25.913	0.428
160	14.307	34.938	26.075	0.448
170	13.807	34.895	26.147	0.467
180	13.229	34.844	26.227	0.486
190	12.904	34.818	26.272	0.504
200	12.689	34.815	26.312	0.522
250	11.641	34.806	26.507	0.605
300	10.569	34.759	26.666	0.680
350	10.020	34.746	26.751	0.750
400	9.437	34.713	26.823	0.817
450	8.984	34.686	26.875	0.881
500	8.564	34.659	26.921	0.943
550	7.823	34.619	27.001	1.002
600	7.266	34.591	27.059	1.058
650	6.817	34.570	27.105	1.112
700	6.372	34.551	27.150	1.163
750	5.966	34.539	27.193	1.213
800	5.711	34.531	27.218	1.261
806	5.675	34.533	27.224	1.267

CAST EP7-92-DI -122 DATE 28 NOV 92 TIME 0112 GMT
LAT 11 55.1S LONG 095 00.0W

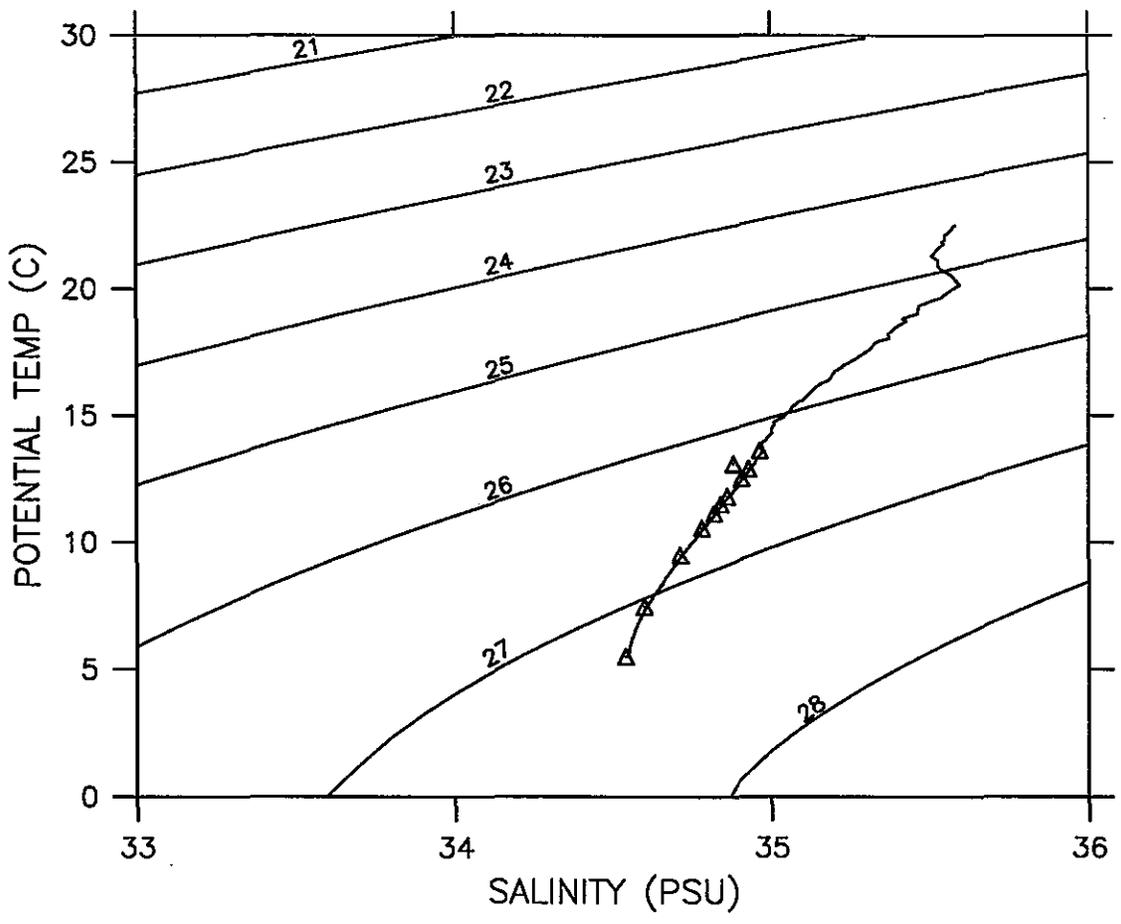




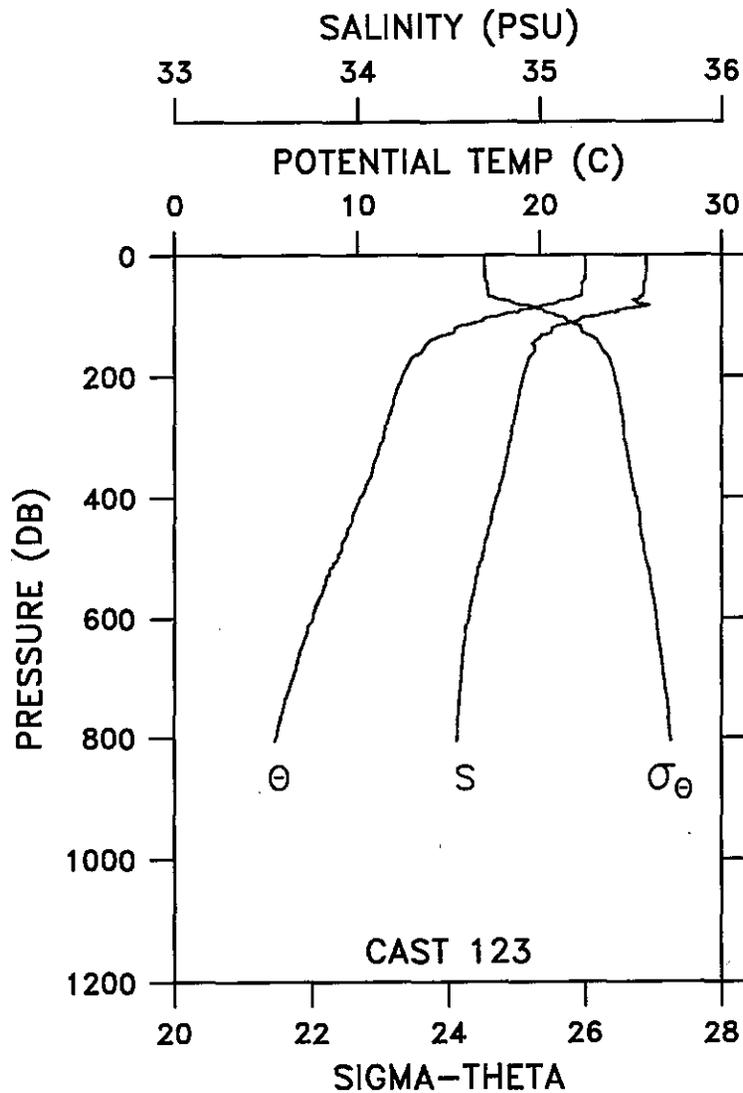
CAST EP7-92-DI -122 DATE 28 NOV 92 TIME 0112 GMT
 LAT 11 55.1S LONG 095 00.0W WEATHER 1 SEA STATE
 BAROMETER 16 WIND DIR 115 T SPD 16 KT VISIBILITY 7
 CLOUD AMOUNT DRY 22.0 WET 19.3 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.971	35.707	24.765	0.000
10	21.917	35.700	24.774	0.032
20	21.769	35.686	24.805	0.063
30	21.752	35.686	24.810	0.095
40	21.738	35.687	24.814	0.126
50	21.637	35.679	24.836	0.157
60	21.485	35.777	24.954	0.188
70	20.894	35.764	25.106	0.218
80	20.374	35.755	25.240	0.246
90	20.190	35.725	25.266	0.273
100	20.059	35.703	25.284	0.300
110	19.969	35.691	25.298	0.328
120	19.293	35.566	25.379	0.354
130	18.030	35.347	25.531	0.380
140	16.921	35.138	25.640	0.404
143	16.418	35.128	25.751	0.411

CAST EP7-92-DI -123 DATE 28 NOV 92 TIME 0931 GMT
LAT 10 00.2S LONG 094 59.9W



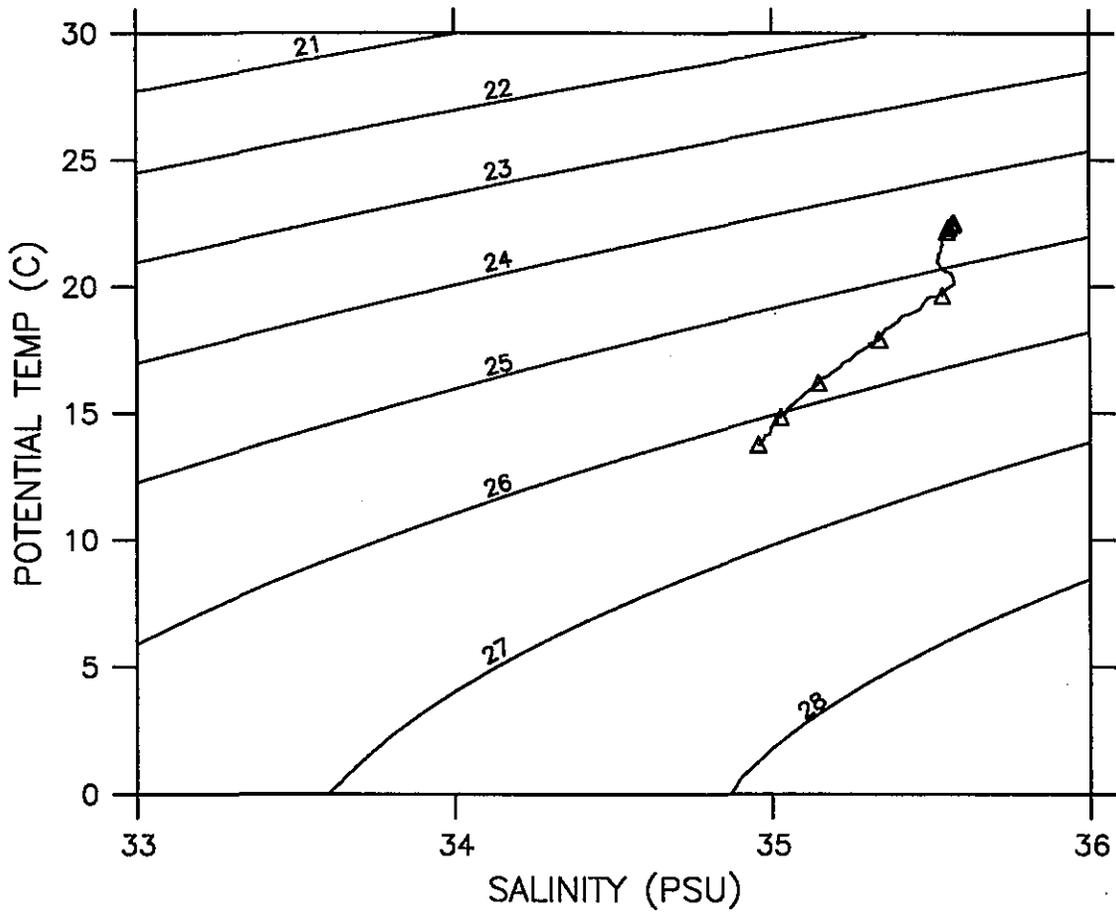
585



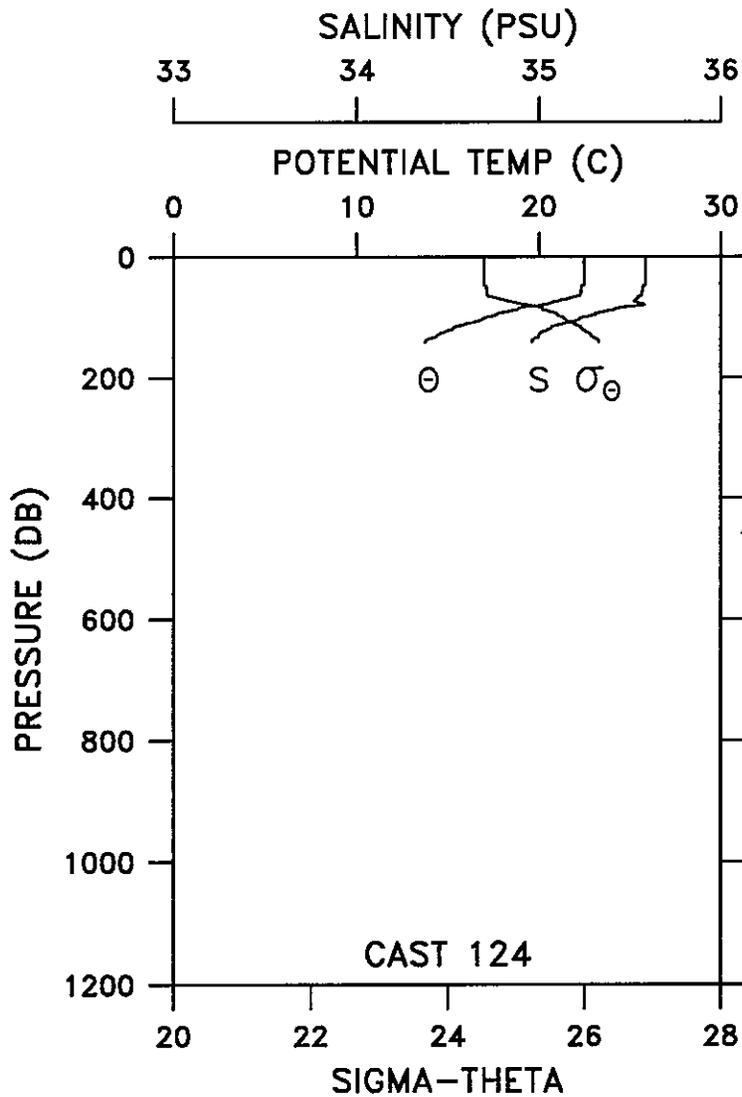
CAST EP7-92-DI-123 DATE 28 NOV 92 TIME 0931 GMT
 LAT 10 00.2S LONG 094 59.9W WEATHER 1 SEA STATE
 BAROMETER 14 WIND DIR 150 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.4 WET 18.6 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.496	35.585	24.523	0.000
10	22.502	35.585	24.522	0.034
20	22.499	35.585	24.522	0.068
30	22.489	35.584	24.525	0.102
40	22.468	35.582	24.529	0.136
50	22.320	35.572	24.563	0.170
60	22.307	35.571	24.566	0.204
70	21.928	35.551	24.658	0.238
80	20.834	35.535	24.948	0.270
90	19.025	35.467	25.373	0.298
100	17.876	35.328	25.555	0.323
110	16.759	35.202	25.727	0.347
120	15.438	35.076	25.934	0.369
130	15.006	35.041	26.003	0.389
140	14.019	34.983	26.171	0.409
150	13.741	34.974	26.222	0.427
160	13.501	34.969	26.268	0.446
170	12.992	34.941	26.350	0.463
180	12.817	34.931	26.377	0.480
190	12.613	34.918	26.407	0.497
200	12.456	34.908	26.430	0.513
250	11.886	34.872	26.512	0.594
300	11.432	34.844	26.576	0.671
350	10.852	34.806	26.652	0.746
400	10.119	34.759	26.744	0.818
450	9.538	34.722	26.813	0.885
500	8.959	34.685	26.879	0.950
550	8.166	34.641	26.968	1.011
600	7.547	34.608	27.032	1.068
650	6.940	34.584	27.099	1.123
700	6.489	34.568	27.148	1.175
750	5.930	34.553	27.208	1.224
800	5.557	34.547	27.250	1.271
805	5.511	34.546	27.254	1.275

CAST EP7-92-DI -124 DATE 28 NOV 92 TIME 1106 GMT
LAT 10 00.2S LONG 094 59.9W



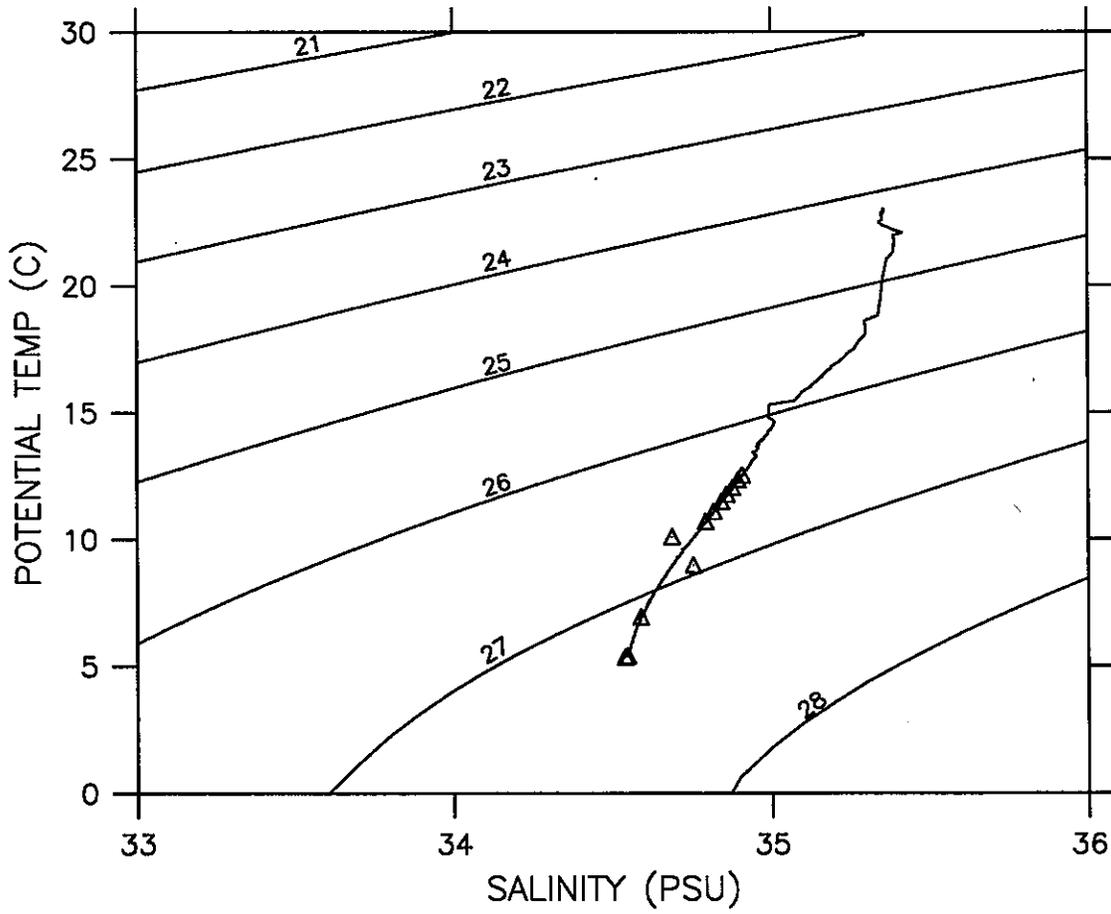
687



CAST EP7-92-DI -124 DATE 28 NOV 92 TIME 1106 GMT
 LAT 10 00.2S LONG 094 59.9W WEATHER 1 SEA STATE 3
 BAROMETER 15 WIND DIR 140 T SPD 16 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.9 WET 19.3 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.481	35.585	24.528	0.000
10	22.478	35.585	24.528	0.034
20	22.485	35.585	24.526	0.068
30	22.487	35.585	24.526	0.102
40	22.485	35.585	24.526	0.136
50	22.321	35.572	24.563	0.170
60	22.293	35.567	24.567	0.204
70	21.554	35.540	24.754	0.238
80	20.097	35.582	25.181	0.268
90	18.404	35.378	25.462	0.294
100	17.087	35.246	25.683	0.319
110	16.191	35.149	25.819	0.342
120	15.239	35.056	25.963	0.363
130	14.416	34.996	26.097	0.383
140	13.763	34.963	26.209	0.402
142	13.737	34.962	26.214	0.405

CAST EP7-92-DI -125 DATE 28 NOV 92 TIME 1940 GMT
LAT 08 00.1S LONG 095 00.1W

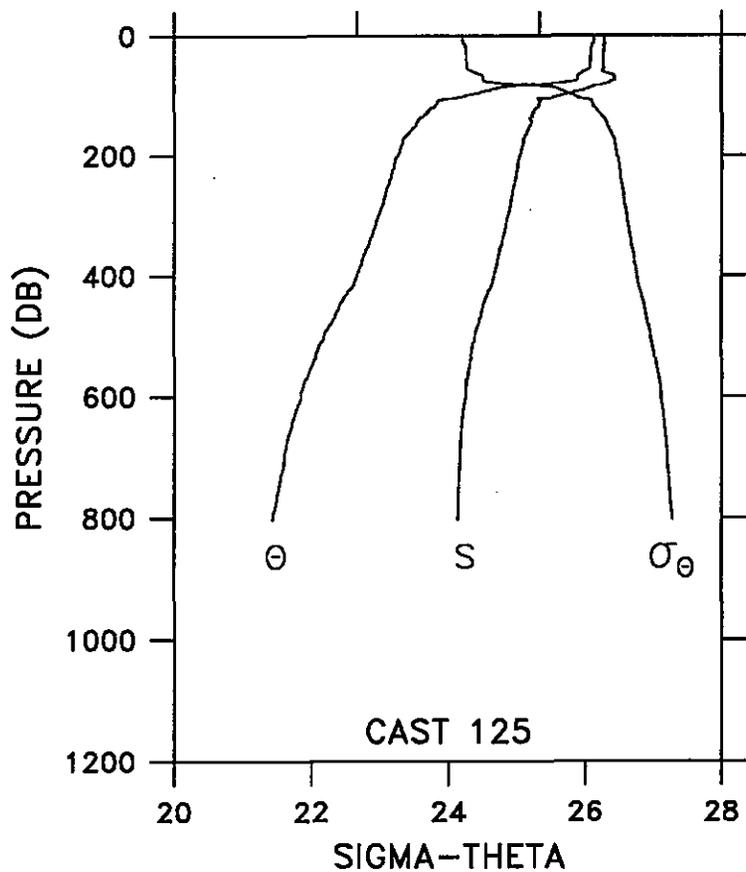


SALINITY (PSU)

33 34 35 36

POTENTIAL TEMP (C)

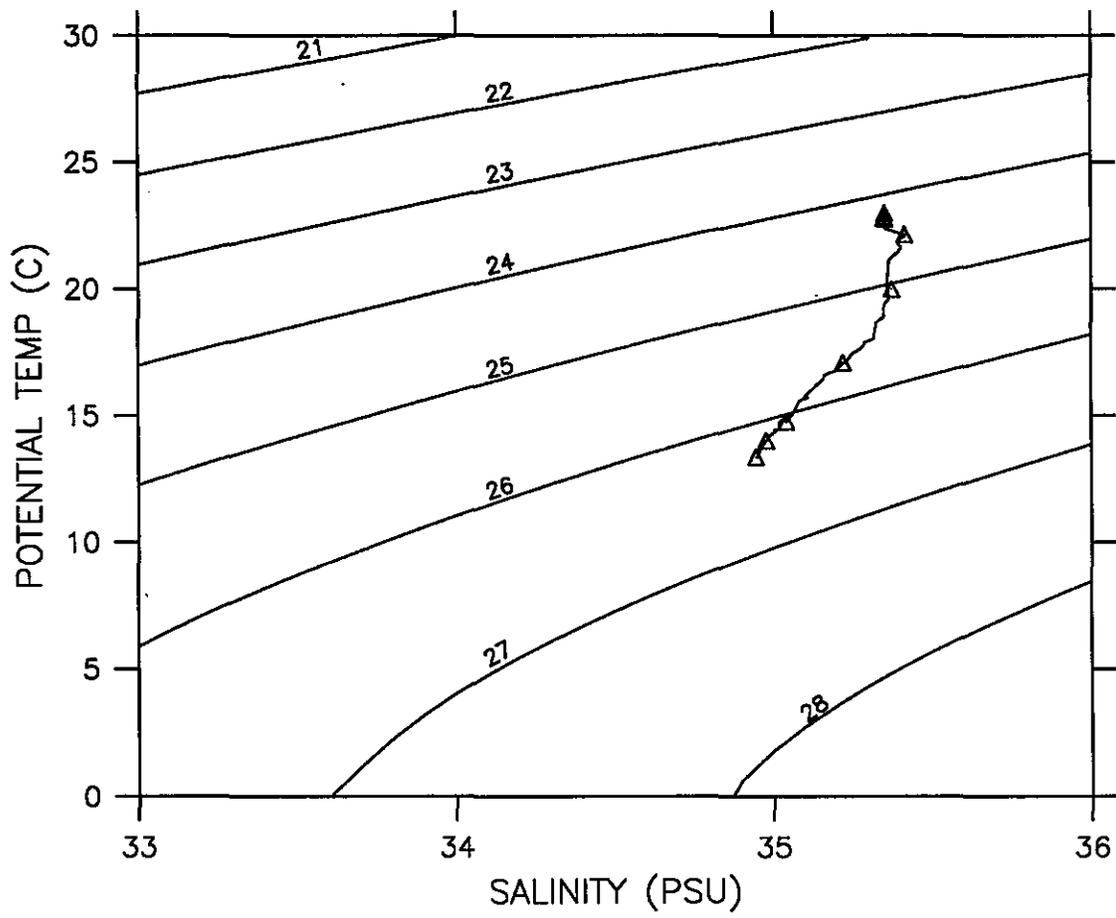
0 10 20 30

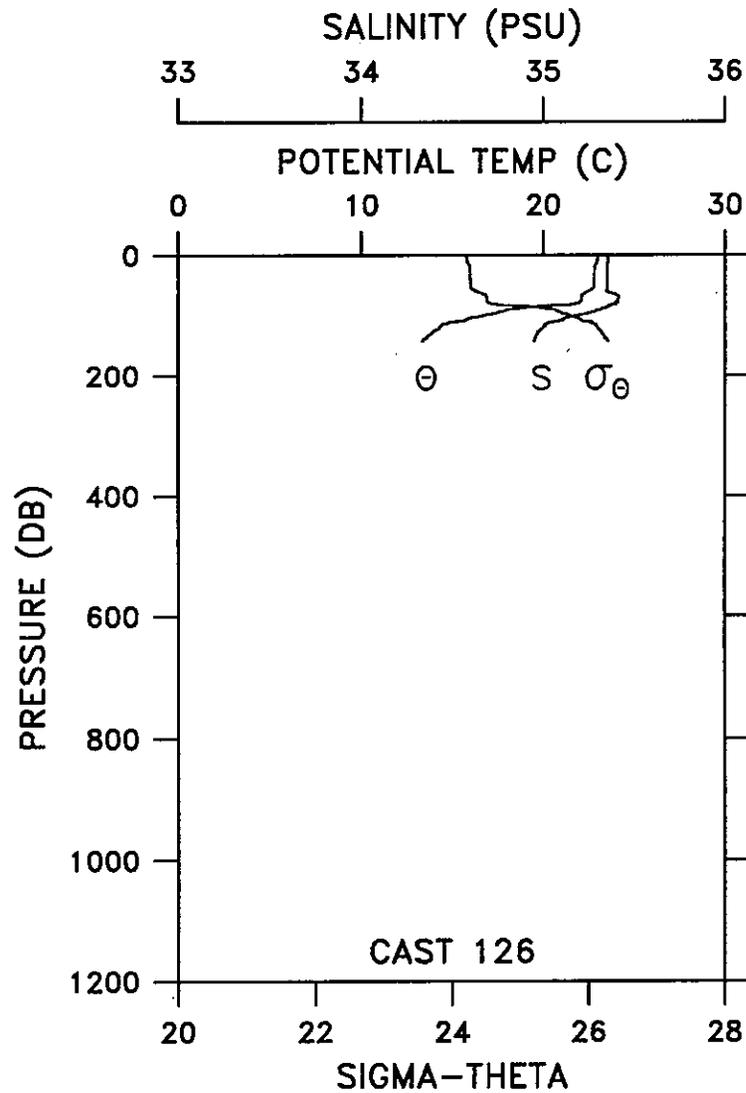


CAST EP7-92-DI-125 DATE 28 NOV 92 TIME 1940 GMT
 LAT 08 00.1S LONG 095 00.1W WEATHER 1 SEA STATE 4
 BAROMETER 14 WIND DIR 130 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.6 WET 19.9 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.001	35.356	24.205	0.000
10	22.979	35.357	24.212	0.037
20	22.833	35.354	24.252	0.074
30	22.803	35.351	24.258	0.111
40	22.787	35.351	24.263	0.147
50	22.777	35.350	24.265	0.184
60	22.420	35.348	24.365	0.220
70	22.103	35.414	24.505	0.255
80	21.025	35.367	24.768	0.289
90	17.375	35.249	25.616	0.316
100	15.964	35.123	25.851	0.338
110	14.436	35.002	26.097	0.359
120	14.162	34.988	26.145	0.378
130	13.736	34.962	26.214	0.397
140	13.333	34.947	26.285	0.415
150	13.187	34.947	26.315	0.433
160	12.879	34.929	26.363	0.450
170	12.589	34.915	26.410	0.467
180	12.455	34.906	26.429	0.483
190	12.340	34.898	26.445	0.499
200	12.226	34.891	26.462	0.516
250	11.695	34.859	26.538	0.594
300	11.168	34.826	26.610	0.671
350	10.604	34.789	26.683	0.744
400	9.981	34.750	26.761	0.814
450	9.054	34.691	26.868	0.880
500	8.210	34.646	26.965	0.941
550	7.526	34.614	27.040	0.998
600	6.916	34.590	27.107	1.052
650	6.390	34.572	27.164	1.103
700	6.003	34.562	27.206	1.151
750	5.716	34.556	27.237	1.198
800	5.381	34.551	27.274	1.244
802	5.359	34.551	27.277	1.245

CAST EP7-92-DI -126 DATE 28 NOV 92 TIME 2116 GMT
LAT 08 00.1S LONG 095 00.1W

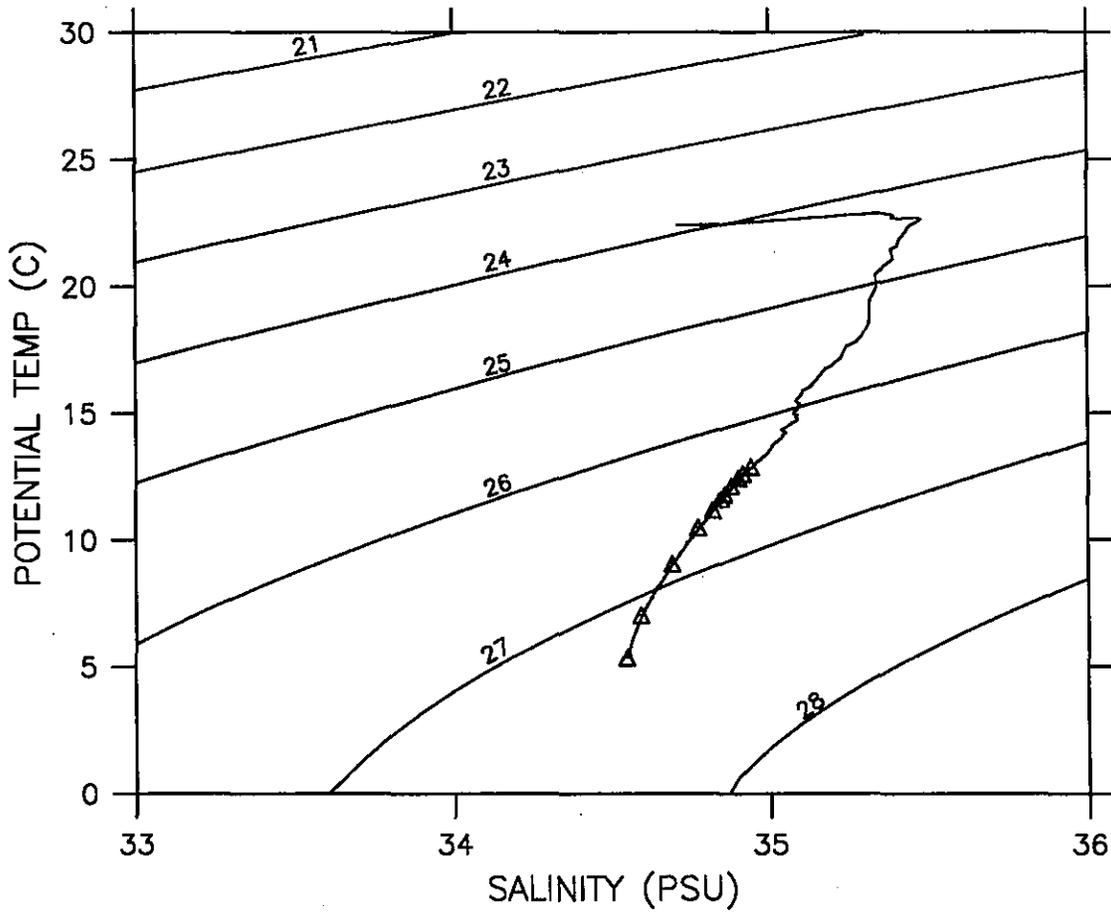




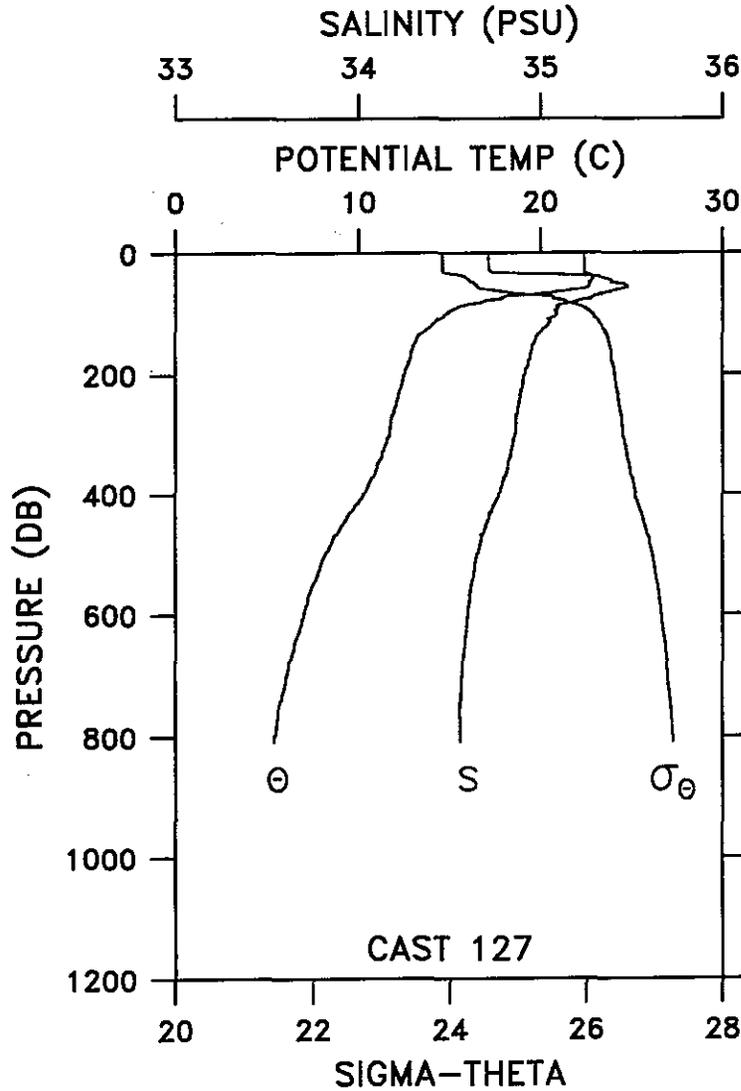
CAST EP7-92-DI -126 DATE 28 NOV 92 TIME 2116 GMT
 LAT 08 00.1S LONG 095 00.1W WEATHER 1 SEA STATE 4
 BAROMETER 12 WIND DIR 130 T SPD 17 KT VISIBILITY 7
 CLOUD AMOUNT DRY 25.0 WET 21.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.999	35.355	24.205	0.000
10	22.965	35.353	24.213	0.037
20	22.823	35.353	24.254	0.074
30	22.803	35.354	24.260	0.111
40	22.791	35.354	24.264	0.147
50	22.781	35.354	24.267	0.184
60	22.480	35.349	24.349	0.220
70	22.111	35.415	24.503	0.255
80	21.808	35.390	24.569	0.290
90	18.020	35.316	25.510	0.319
100	16.763	35.194	25.720	0.343
110	15.236	35.069	25.974	0.365
120	14.292	34.997	26.124	0.385
130	13.807	34.966	26.202	0.403
140	13.398	34.952	26.276	0.421
142	13.356	34.949	26.282	0.425

CAST EP7-92-DI -127 DATE 29 NOV 92 TIME 0550 GMT
LAT 06 00.1S LONG 095 00.4W

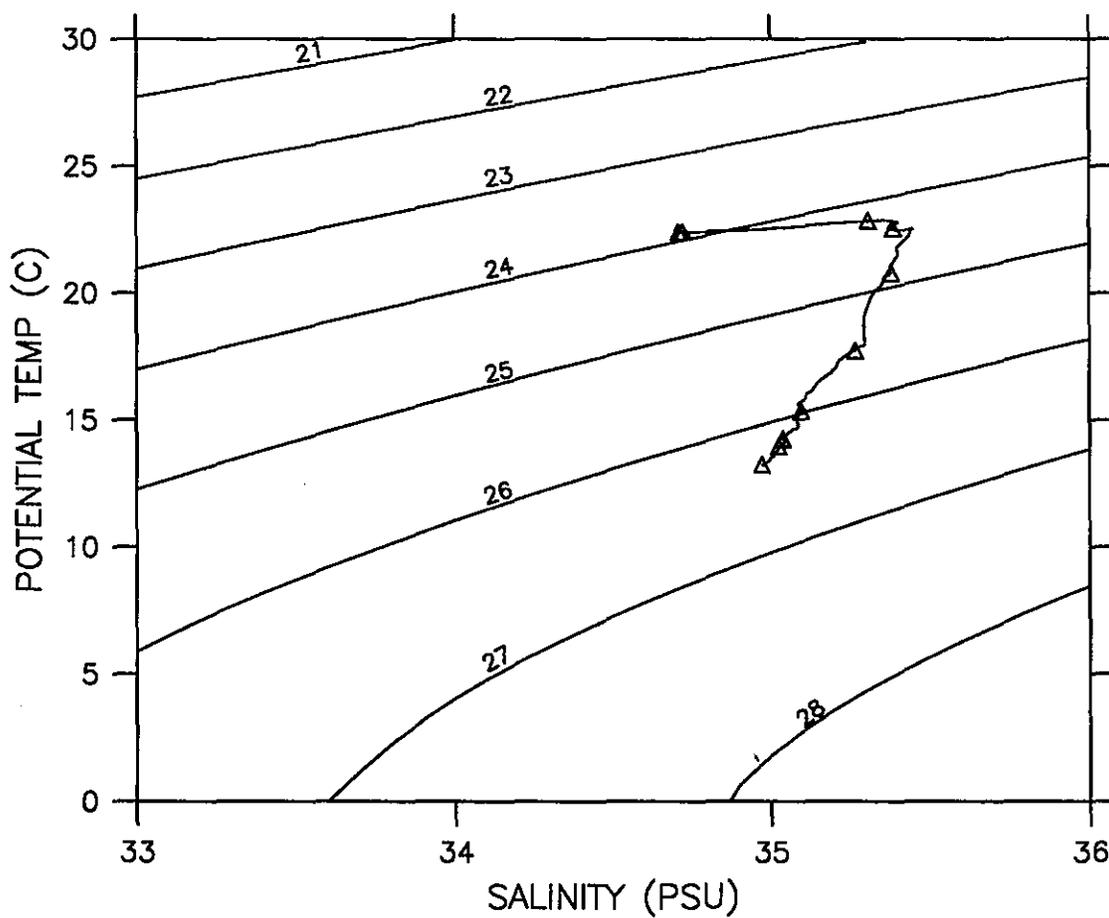


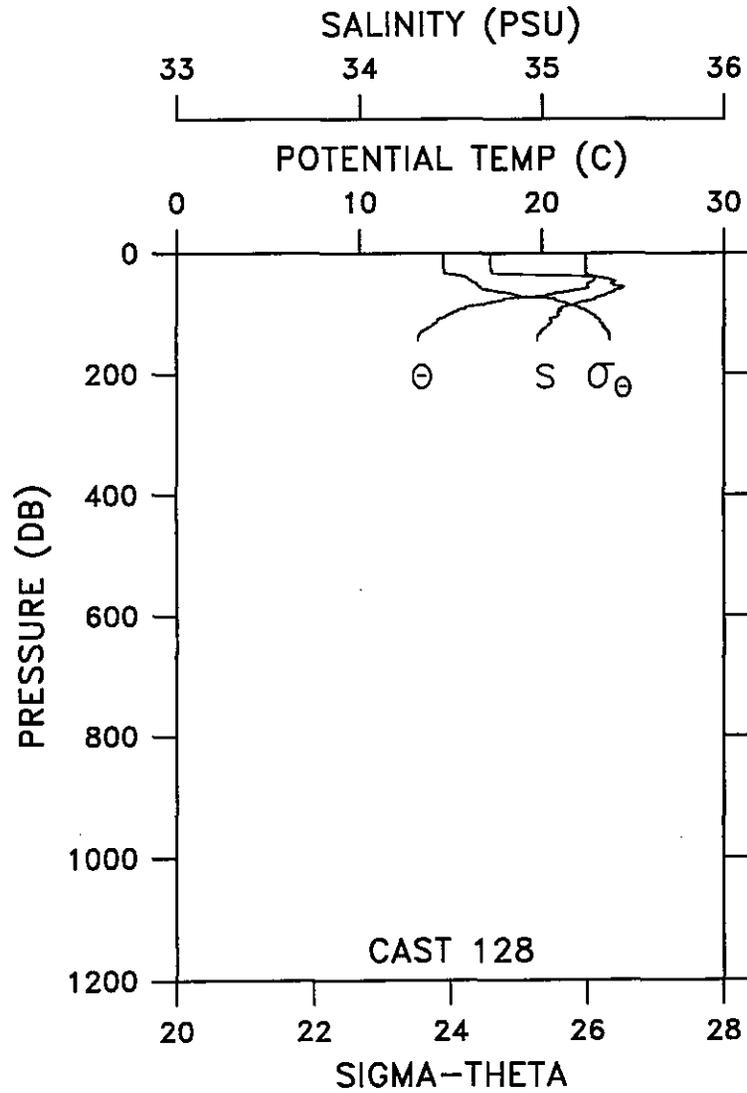
CAST EP7-92-DI -127 DATE 29 NOV 92 TIME 0550 GMT
 LAT 06 00.1S LONG 095 00.4W WEATHER 1 SEA STATE
 BAROMETER 13 WIND DIR 126 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.0 WET 20.0 DEPTH M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.390	34.713	23.892	0.000
10	22.388	34.712	23.892	0.040
20	22.385	34.712	23.893	0.080
30	22.383	34.724	23.902	0.120
40	22.842	35.325	24.227	0.159
50	22.670	35.441	24.364	0.195
60	21.793	35.408	24.587	0.230
70	18.521	35.312	25.382	0.261
80	16.799	35.190	25.709	0.286
90	15.375	35.096	25.964	0.307
100	14.763	35.089	26.093	0.327
110	14.268	35.044	26.165	0.346
120	13.983	35.033	26.217	0.365
130	13.557	35.000	26.280	0.383
140	13.232	34.975	26.328	0.400
150	13.093	34.961	26.345	0.418
160	12.943	34.952	26.368	0.435
170	12.871	34.945	26.377	0.451
180	12.755	34.932	26.390	0.468
190	12.625	34.923	26.409	0.485
200	12.518	34.913	26.422	0.502
250	12.078	34.880	26.482	0.583
300	11.706	34.858	26.535	0.662
350	11.018	34.817	26.630	0.738
400	10.288	34.770	26.723	0.811
450	9.162	34.704	26.861	0.878
500	8.176	34.651	26.974	0.939
550	7.515	34.620	27.046	0.996
600	7.001	34.599	27.103	1.049
650	6.468	34.580	27.160	1.101
700	6.079	34.567	27.200	1.149
750	5.657	34.557	27.245	1.197
800	5.386	34.558	27.279	1.242
808	5.368	34.558	27.281	1.249

CAST EP7-92-DI -128 DATE 29 NOV 92 TIME 0727 GMT
LAT 05 59.9S LONG 095 00.0W

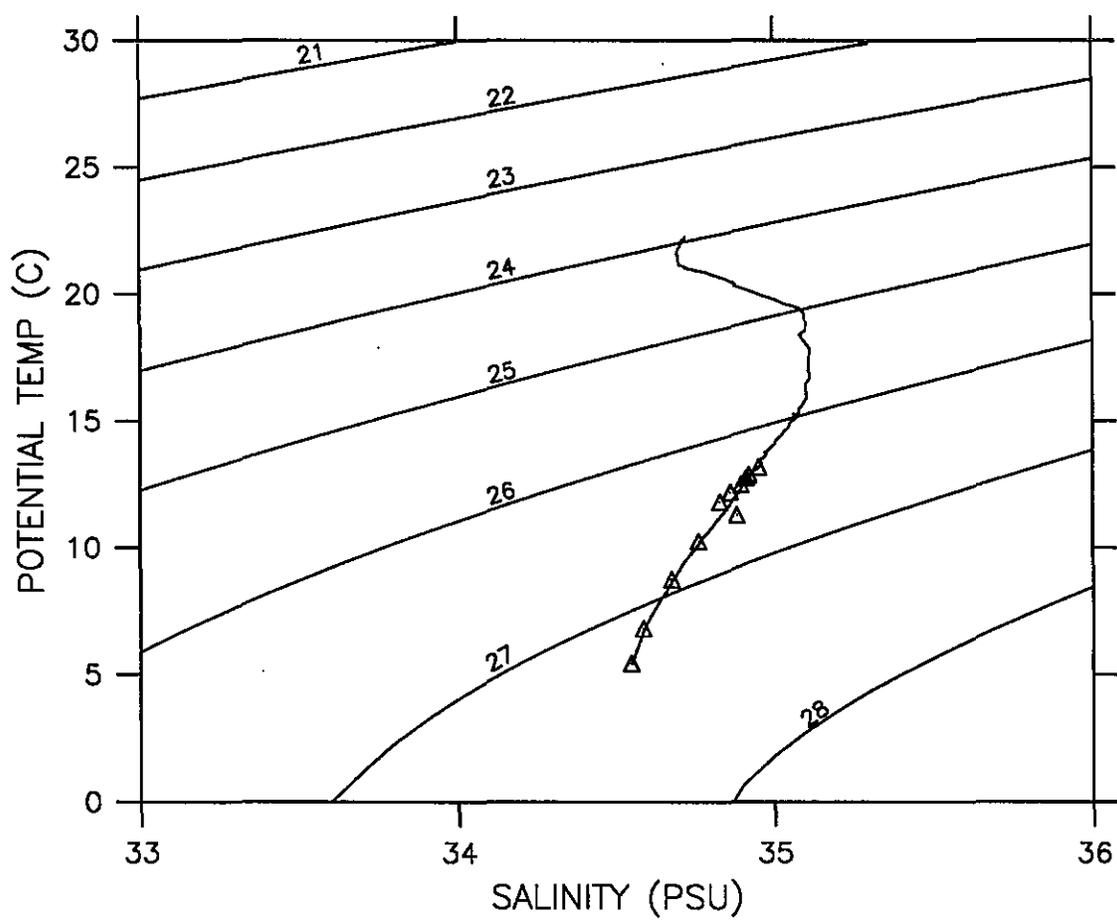




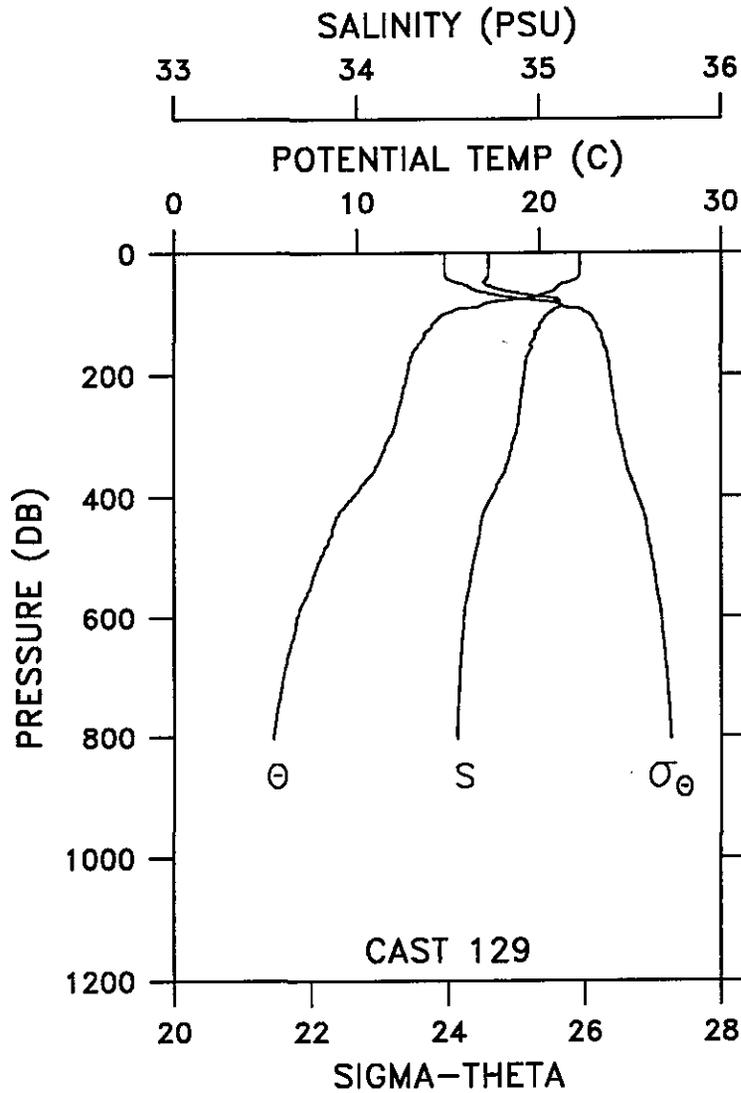
CAST EP7-92-DI -128 DATE 29 NOV 92 TIME 0727 GMT
 LAT 05 59.9S LONG 095 00.0W WEATHER 1 SEA STATE
 BAROMETER 11 WIND DIR 125 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 22.1 WET 19.9 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.403	34.715	23.890	0.000
10	22.396	34.715	23.892	0.040
20	22.399	34.715	23.891	0.080
30	22.395	34.721	23.897	0.120
40	22.836	35.324	24.228	0.159
50	22.490	35.378	24.368	0.195
60	21.918	35.405	24.550	0.231
70	20.099	35.331	24.989	0.262
80	17.311	35.214	25.605	0.288
90	15.796	35.106	25.877	0.311
100	14.974	35.085	26.044	0.332
110	14.255	35.046	26.170	0.351
120	13.956	35.030	26.220	0.369
130	13.408	34.997	26.309	0.387
140	13.232	34.977	26.329	0.404
143	13.216	34.976	26.331	0.410

CAST EP7-92-DI -129 DATE 29 NOV 92 TIME 1229 GMT
LAT 05 00.0S LONG 095 00.1W



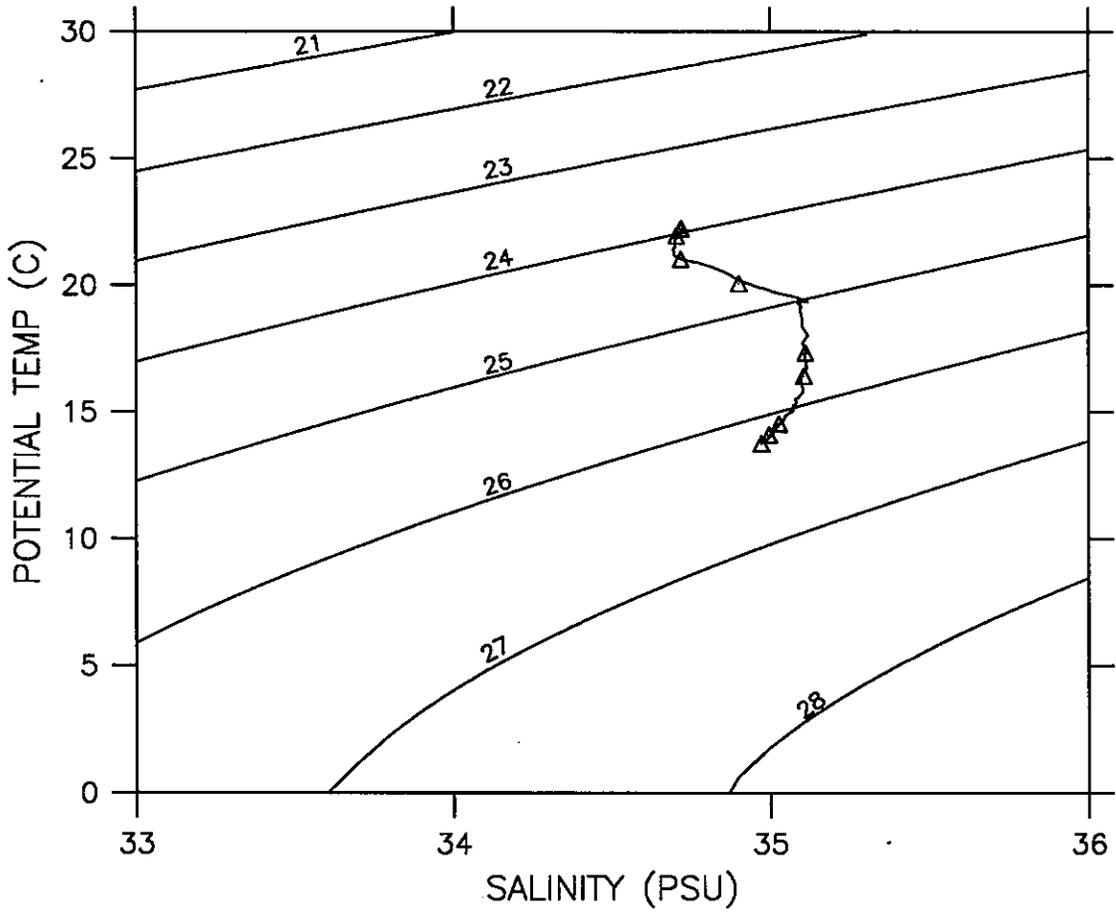
CAST EP7-92-DI -129 DATE 29 NOV 92 TIME 1229 GMT
 LAT 05 00.0S LONG 095 00.1W WEATHER 2 SEA STATE 3
 BAROMETER 13 WIND DIR 120 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.0 WET 20.0 DEPTH M

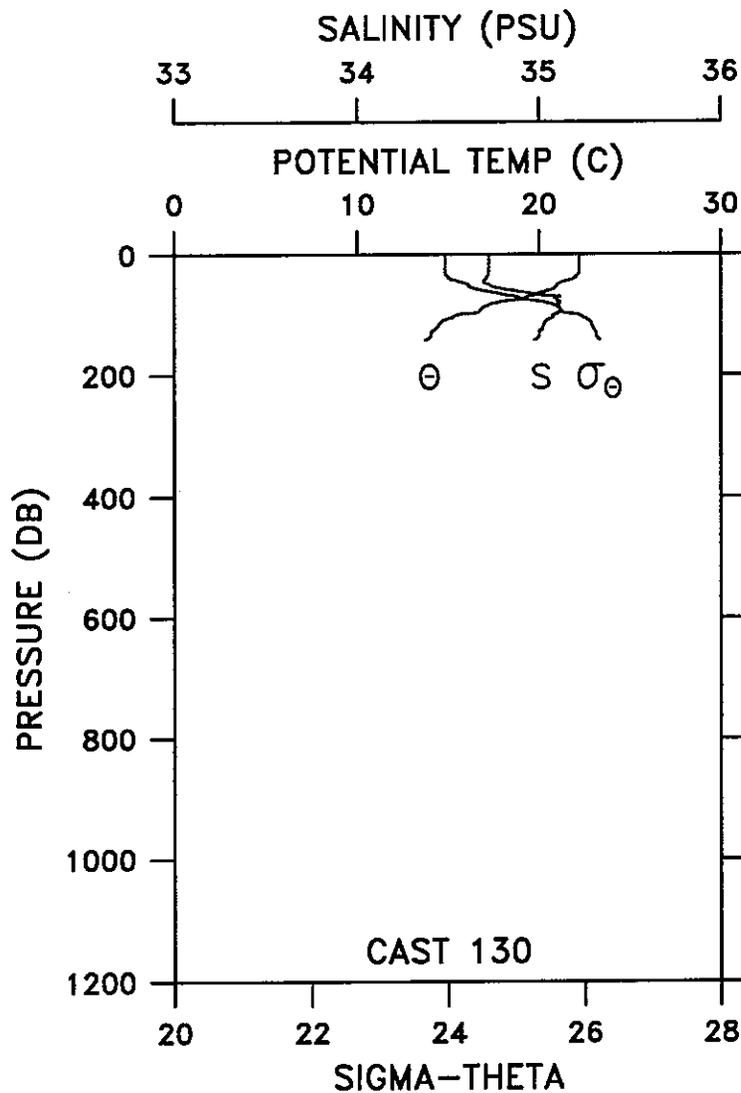


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.229	34.721	23.943	0.000
10	22.227	34.721	23.944	0.040
20	22.229	34.721	23.943	0.079
30	22.216	34.720	23.946	0.119
40	22.148	34.716	23.962	0.158
50	21.318	34.698	24.179	0.197
60	20.883	34.779	24.359	0.234
70	19.977	34.955	24.735	0.268
80	17.506	35.110	25.478	0.297
90	16.471	35.100	25.717	0.321
100	14.810	35.048	26.051	0.342
110	14.373	35.020	26.124	0.361
120	14.059	35.000	26.176	0.380
130	13.765	34.971	26.215	0.399
140	13.622	34.973	26.246	0.417
150	13.377	34.948	26.277	0.435
160	13.162	34.953	26.325	0.452
170	13.002	34.934	26.342	0.470
180	12.886	34.926	26.359	0.487
190	12.828	34.924	26.369	0.504
200	12.763	34.918	26.378	0.521
250	12.345	34.897	26.443	0.604
300	11.815	34.867	26.522	0.685
350	11.049	34.818	26.626	0.762
400	9.787	34.740	26.786	0.833
450	8.694	34.675	26.913	0.897
500	8.028	34.643	26.990	0.956
550	7.457	34.617	27.052	1.012
600	6.737	34.587	27.129	1.065
650	6.365	34.574	27.169	1.116
700	5.994	34.564	27.209	1.164
750	5.680	34.556	27.242	1.211
800	5.448	34.552	27.267	1.256
804	5.444	34.552	27.267	1.260

697

CAST EP7-92-DI -130 DATE 29 NOV 92 TIME 1357 GMT
LAT 05 00.0S LONG 095 00.1W

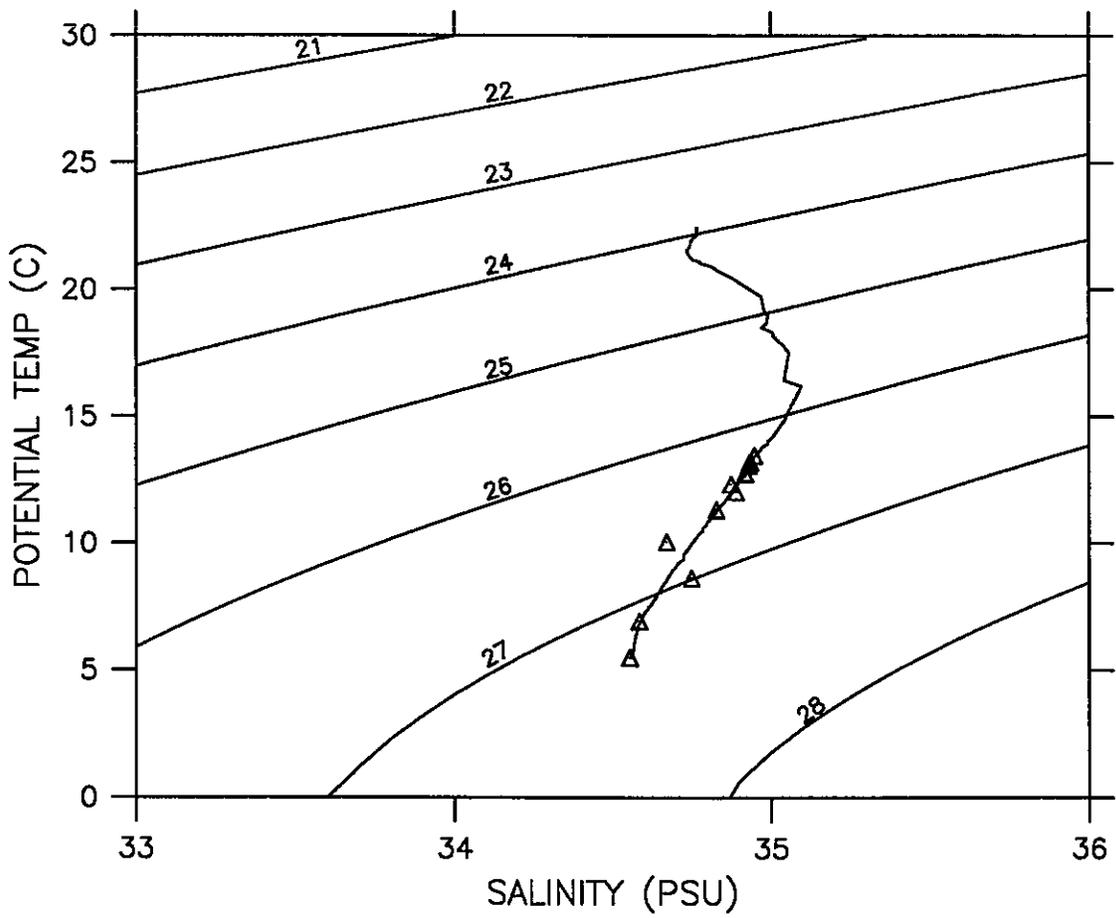




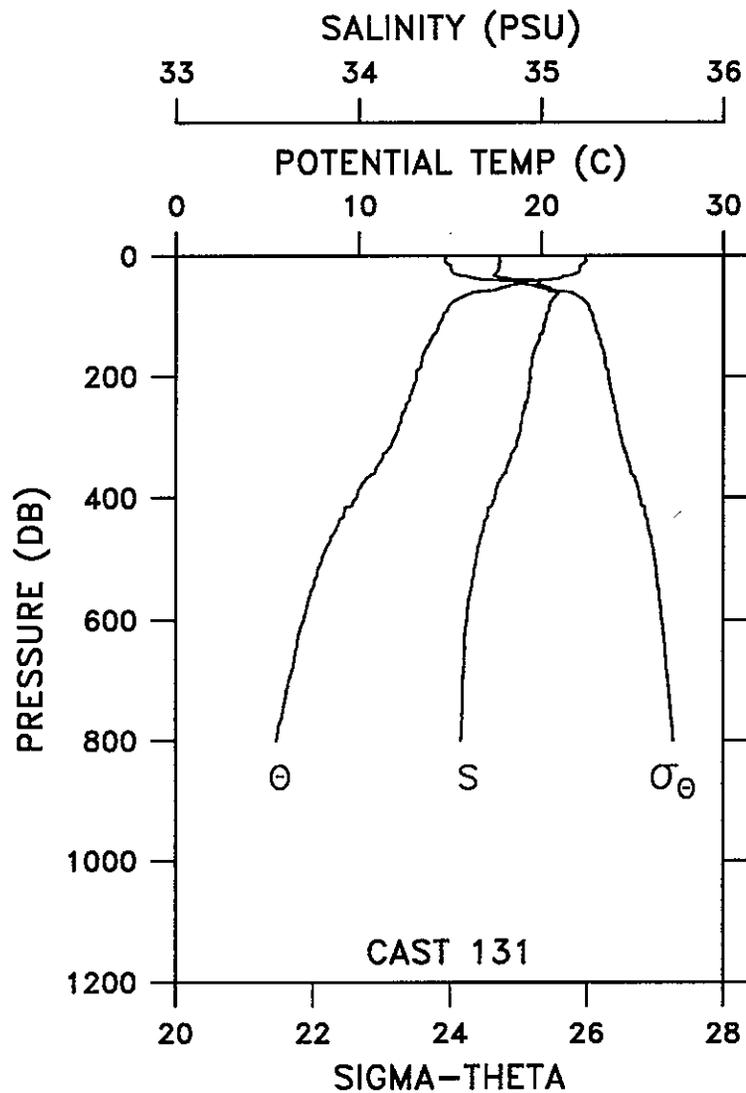
CAST EP7-92-DI -130 DATE 29 NOV 92 TIME 1357 GMT
 LAT 05 00.0S LONG 095 00.1W WEATHER 2 SEA STATE 4
 BAROMETER 14 WIND DIR 120 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.5 WET 20.5 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.203	34.723	23.952	0.000
10	22.202	34.723	23.952	0.039
20	22.201	34.723	23.953	0.079
30	22.187	34.722	23.956	0.119
40	21.917	34.710	24.022	0.158
50	21.010	34.723	24.282	0.196
60	20.584	34.844	24.489	0.232
70	19.340	35.116	25.024	0.264
80	17.709	35.100	25.421	0.292
90	16.867	35.111	25.632	0.316
100	15.566	35.087	25.914	0.340
110	14.688	35.041	26.073	0.360
120	14.416	35.023	26.117	0.379
130	14.072	35.001	26.174	0.398
140	13.916	34.989	26.197	0.417
142	13.759	34.974	26.218	0.421

CAST EP7-92-DI -131 DATE 29 NOV 92 TIME 2310 GMT
LAT 04 00.0S LONG 095 00.1W



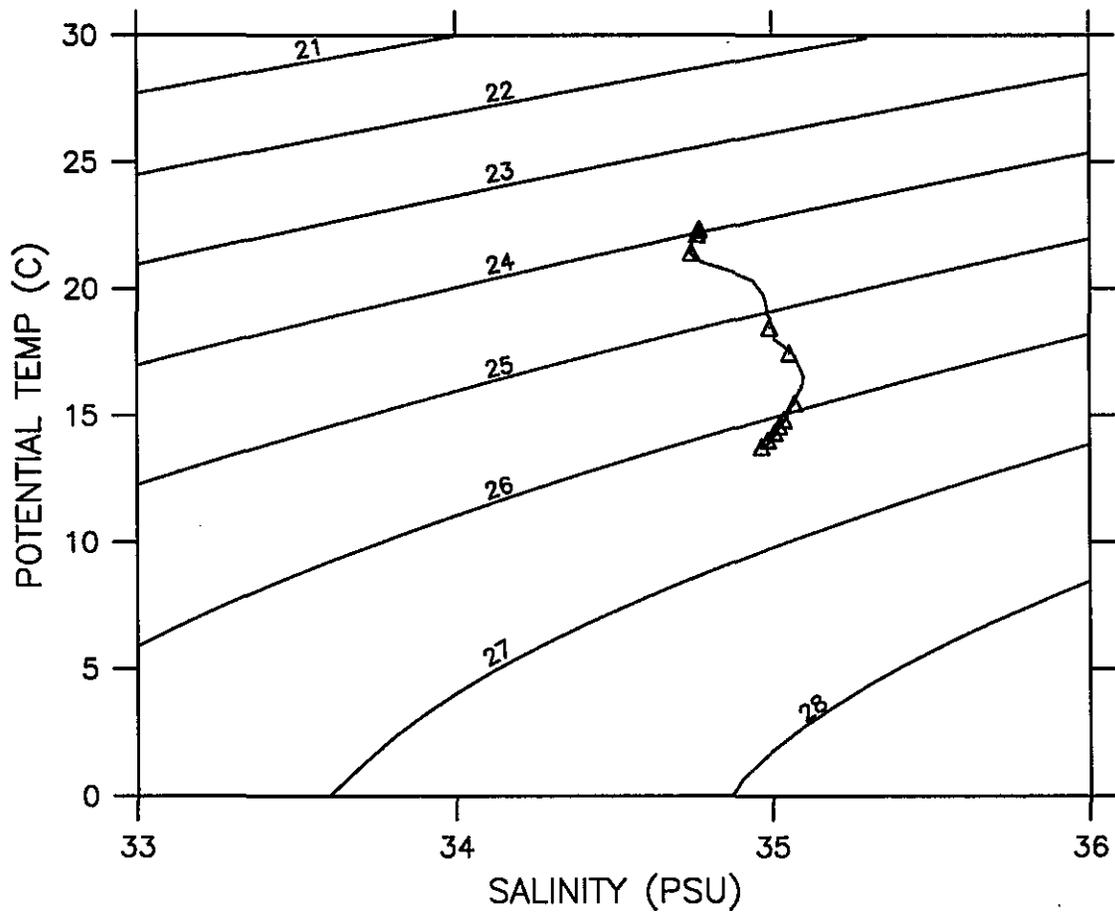
701



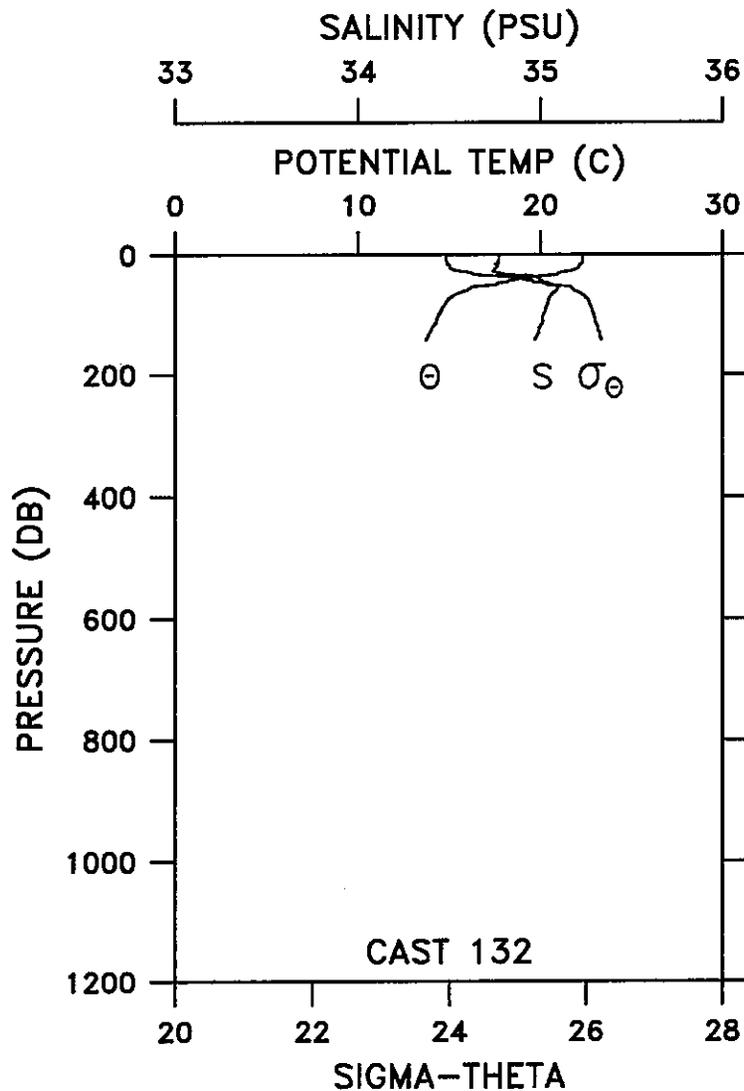
CAST EP7-92-DI -131 DATE 29 NOV 92 TIME 2310 GMT
 LAT 04 00.0S LONG 095 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 100 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.0 WET 20.8 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.400	34.768	23.931	0.000
10	22.404	34.770	23.931	0.040
20	22.117	34.766	24.009	0.079
30	21.881	34.746	24.060	0.118
40	20.461	34.879	24.549	0.155
50	18.244	35.008	25.219	0.184
60	16.443	35.041	25.678	0.210
70	15.609	35.071	25.892	0.232
80	15.028	35.047	26.003	0.253
90	14.850	35.040	26.036	0.273
100	14.608	35.027	26.079	0.292
110	14.460	35.020	26.106	0.312
120	14.332	35.013	26.128	0.331
130	14.109	34.997	26.163	0.350
140	13.922	34.989	26.196	0.369
150	13.764	34.970	26.214	0.387
160	13.578	34.959	26.244	0.405
170	13.453	34.950	26.263	0.423
180	13.416	34.948	26.269	0.441
190	13.183	34.938	26.309	0.459
200	13.149	34.939	26.316	0.477
250	12.571	34.910	26.409	0.563
300	11.969	34.875	26.499	0.645
350	10.962	34.810	26.635	0.722
400	9.873	34.744	26.774	0.792
450	8.779	34.682	26.905	0.857
500	7.992	34.642	26.995	0.916
550	7.426	34.614	27.055	0.972
600	6.982	34.592	27.100	1.025
650	6.553	34.580	27.148	1.077
700	6.175	34.571	27.191	1.126
750	5.857	34.569	27.230	1.174
800	5.498	34.560	27.267	1.220
800	5.498	34.560	27.267	1.220

CAST EP7-92-DI -132 DATE 30 NOV 92 TIME 0038 GMT
LAT 04 00.0S LONG 095 00.1W



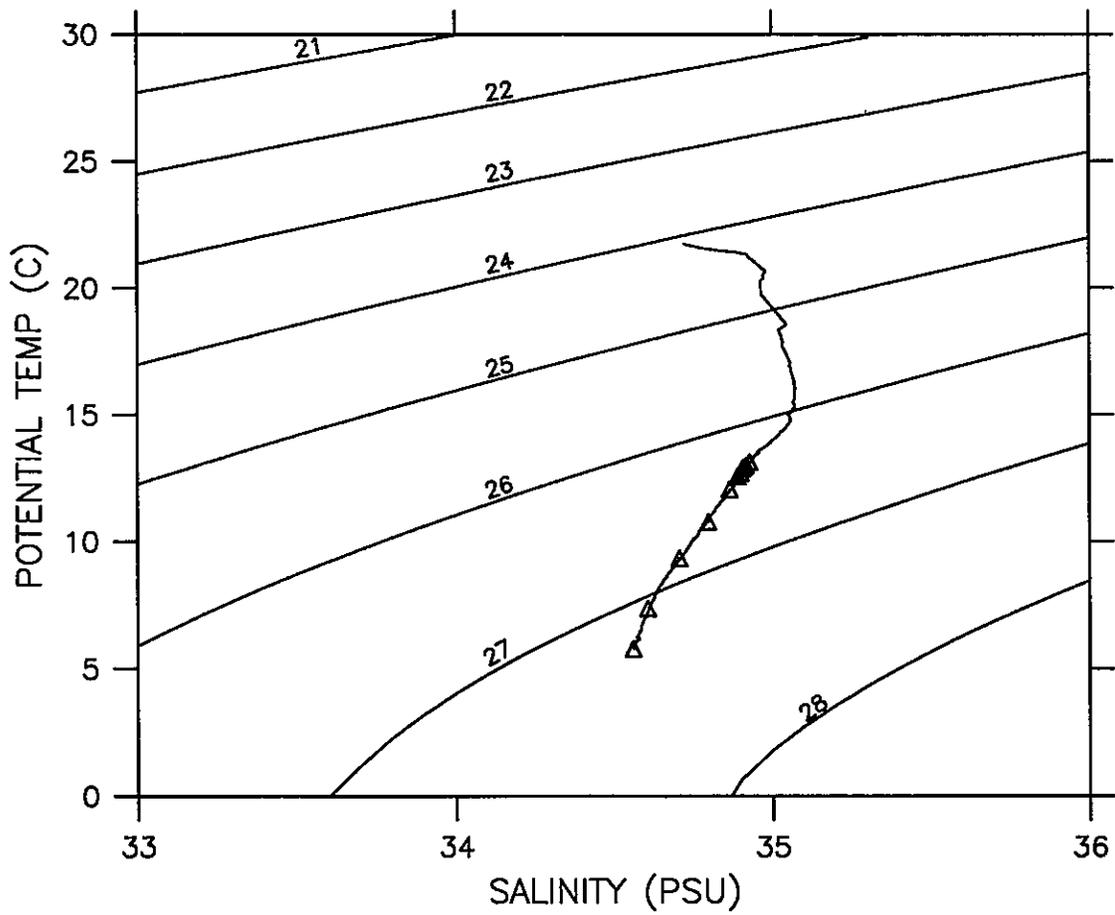
703



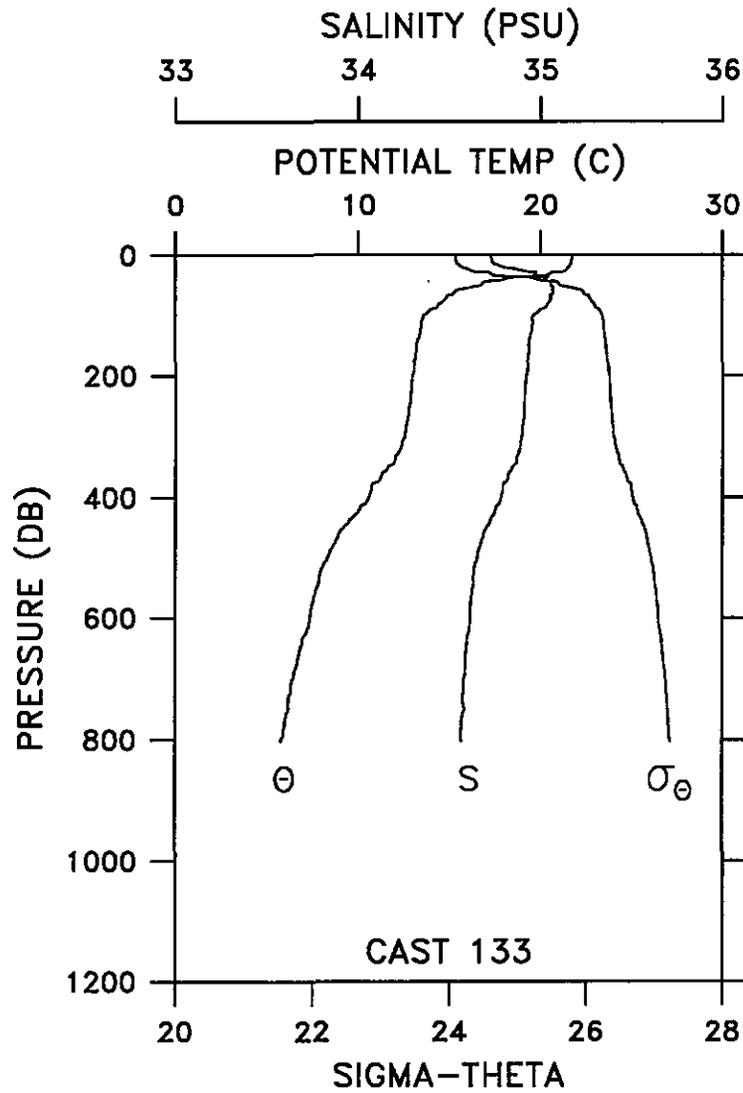
CAST EP7-92-DI -132 DATE 30 NOV 92 TIME 0038 GMT
 LAT 04 00.0S LONG 095 00.1W WEATHER 1 SEA STATE
 BAROMETER 12 WIND DIR 105 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.0 WET 20.5 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.319	34.770	23.955	0.000
10	22.332	34.771	23.952	0.039
20	22.100	34.763	24.011	0.079
30	21.063	34.772	24.305	0.117
40	18.829	34.995	25.062	0.150
50	17.557	35.059	25.427	0.177
60	15.882	35.083	25.839	0.199
70	15.109	35.051	25.988	0.220
80	14.799	35.039	26.047	0.240
90	14.594	35.028	26.083	0.260
100	14.392	35.014	26.115	0.279
110	14.305	35.012	26.133	0.298
120	14.087	34.995	26.166	0.317
130	13.930	34.991	26.196	0.336
140	13.749	34.971	26.218	0.354
142	13.718	34.969	26.223	0.358

CAST EP7-92-DI -133 DATE 30 NOV 92 TIME 0537 GMT
LAT 03 00.1S LONG 095 00.1W



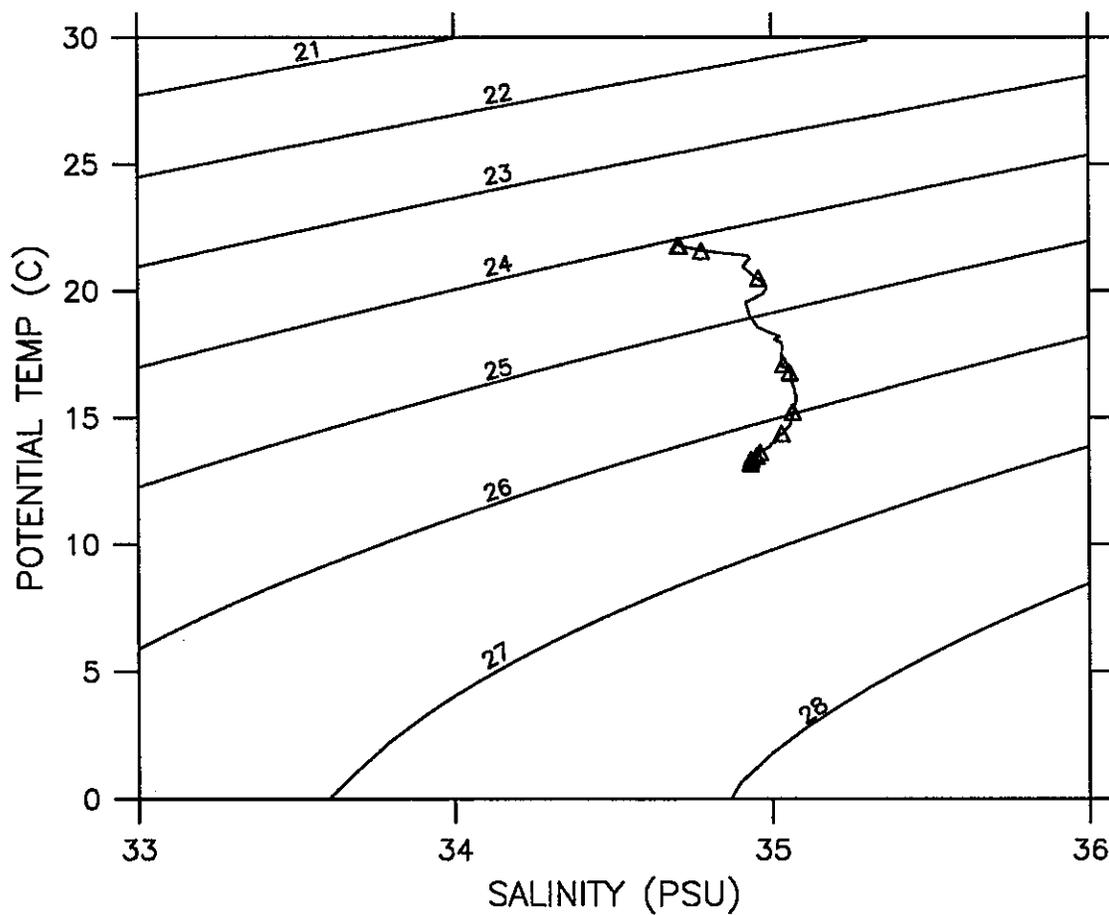
705



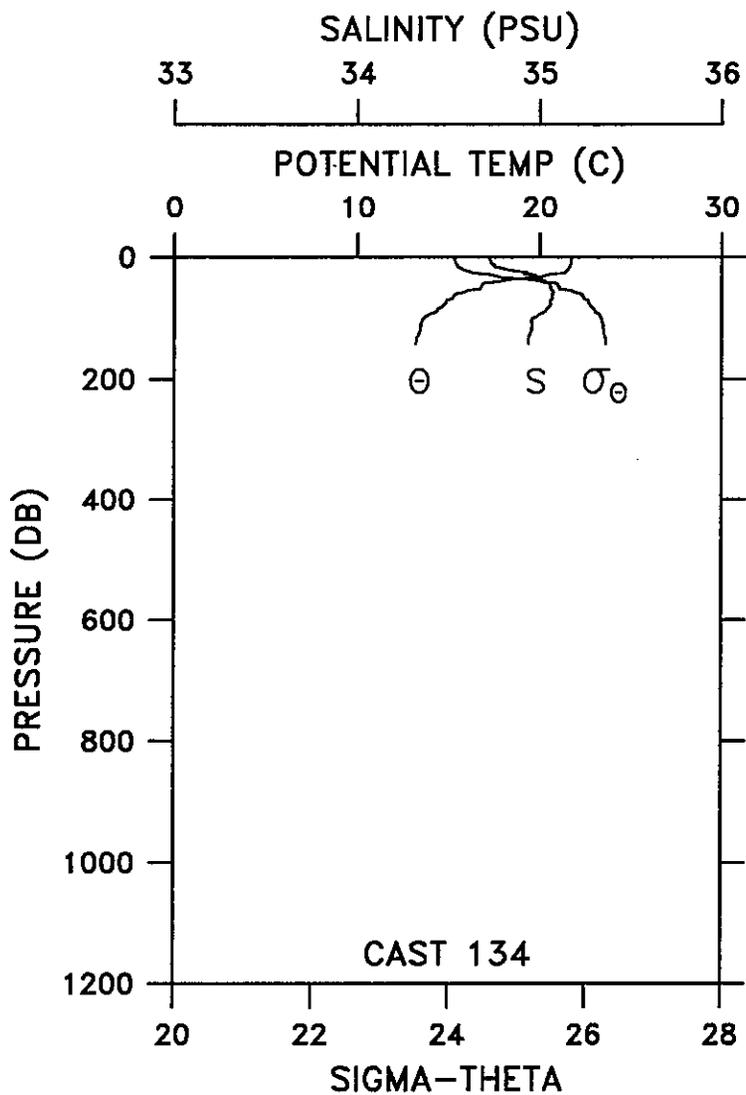
CAST EP7-92-DI -133 DATE 30 NOV 92 TIME 0537 GMT
 LAT 03 00.1S LONG 095 00.1W WEATHER 2 SEA STATE
 BAROMETER 14 WIND DIR 095 T SPD 11 KT VISIBILITY 7
 CLOUD AMOUNT DRY 22.5 WET 21.5 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.741	34.727	24.084	0.000
10	21.704	34.734	24.100	0.038
20	21.548	34.796	24.190	0.076
30	20.532	34.973	24.601	0.112
40	18.014	35.029	25.292	0.142
50	16.765	35.057	25.615	0.167
60	15.359	35.069	25.947	0.189
70	14.854	35.057	26.049	0.209
80	14.505	35.043	26.114	0.228
90	13.988	35.000	26.190	0.247
100	13.603	34.961	26.241	0.266
110	13.486	34.957	26.262	0.283
120	13.461	34.955	26.265	0.301
130	13.388	34.946	26.273	0.319
140	13.288	34.938	26.287	0.337
150	13.232	34.937	26.298	0.354
160	13.201	34.939	26.306	0.372
170	13.154	34.936	26.313	0.389
180	13.066	34.928	26.325	0.407
190	13.050	34.927	26.327	0.424
200	12.961	34.920	26.340	0.442
250	12.805	34.909	26.362	0.528
300	12.550	34.895	26.402	0.614
350	11.656	34.846	26.535	0.696
400	10.580	34.784	26.683	0.771
450	9.218	34.704	26.852	0.840
500	8.326	34.651	26.951	0.901
550	7.741	34.628	27.021	0.959
600	7.364	34.615	27.064	1.015
650	6.834	34.593	27.121	1.068
700	6.439	34.582	27.165	1.119
750	6.187	34.584	27.200	1.168
800	5.800	34.566	27.235	1.216
803	5.782	34.568	27.239	1.219

CAST EP7-92-DI -134 DATE 30 NOV 92 TIME 0703 GMT
LAT 03 00.1S LONG 095 00.1W



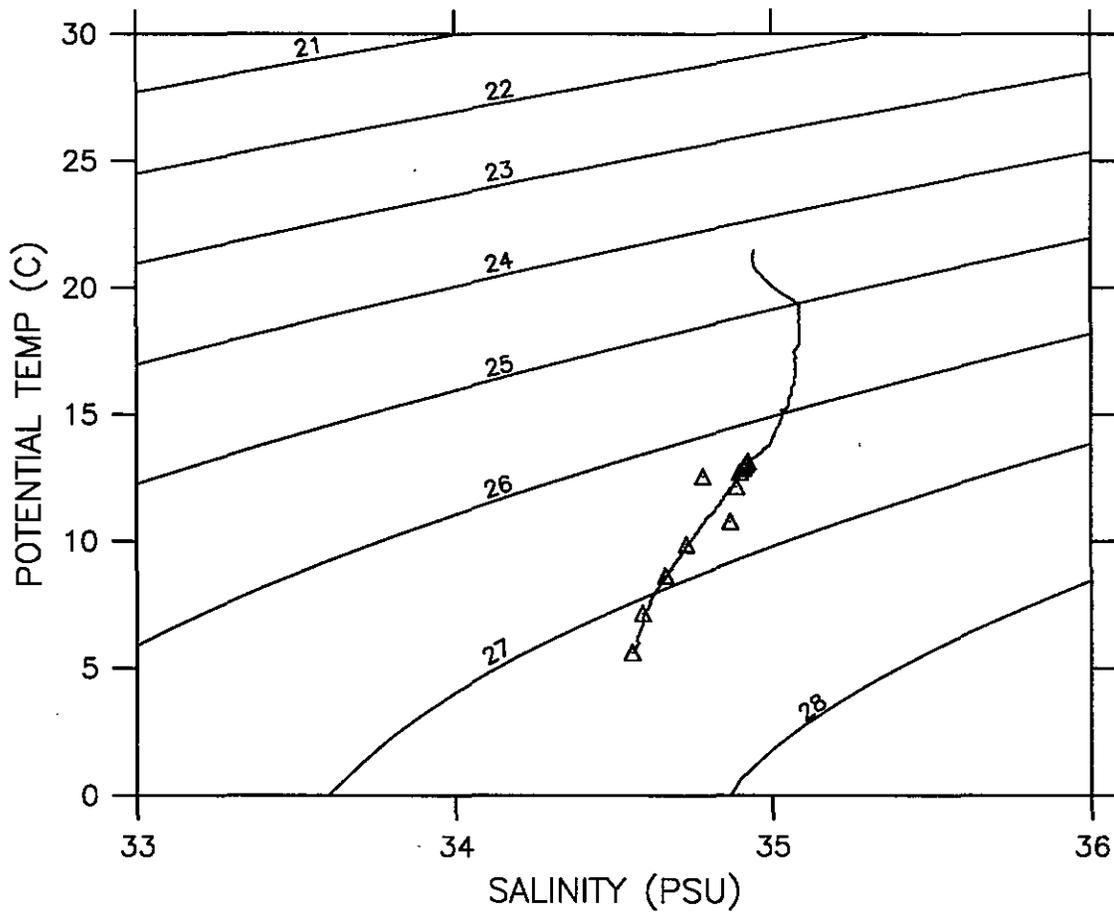
CAST EP7-92-DI -134 DATE 30 NOV 92 TIME 0703 GMT
 LAT 03 00.1S LONG 095 00.1W WEATHER 2 SEA STATE
 BAROMETER 14 WIND DIR 095 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 22.0 WET 20.5 DEPTH M



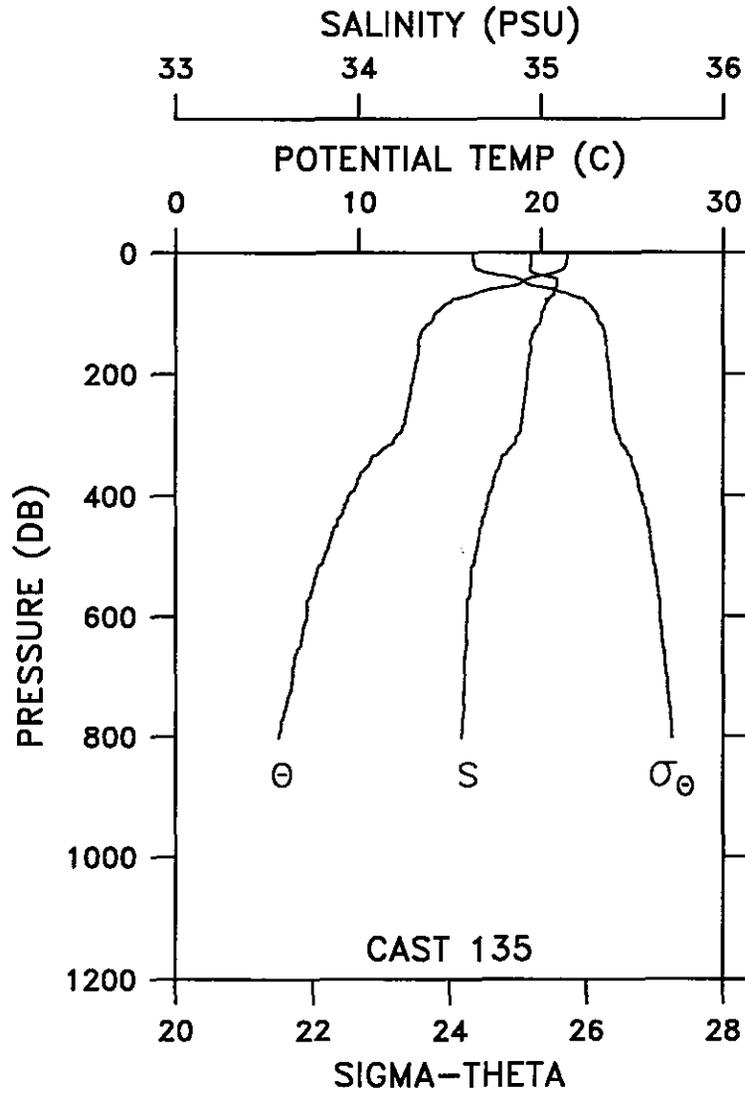
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.730	34.724	24.085	0.000
10	21.710	34.735	24.099	0.038
20	21.548	34.811	24.202	0.076
30	20.315	34.974	24.660	0.111
40	17.762	35.032	25.356	0.141
50	16.771	35.059	25.615	0.165
60	15.426	35.070	25.932	0.188
70	14.939	35.062	26.034	0.208
80	14.706	35.055	26.079	0.228
90	14.257	35.021	26.150	0.247
100	13.608	34.962	26.240	0.265
110	13.484	34.958	26.263	0.283
120	13.445	34.953	26.267	0.301
130	13.290	34.940	26.289	0.319
140	13.225	34.938	26.300	0.336
142	13.205	34.939	26.305	0.340

707

CAST EP7-92-DI -135 DATE 30 NOV 92 TIME 1404 GMT
LAT 02 00.0S LONG 095 00.1W



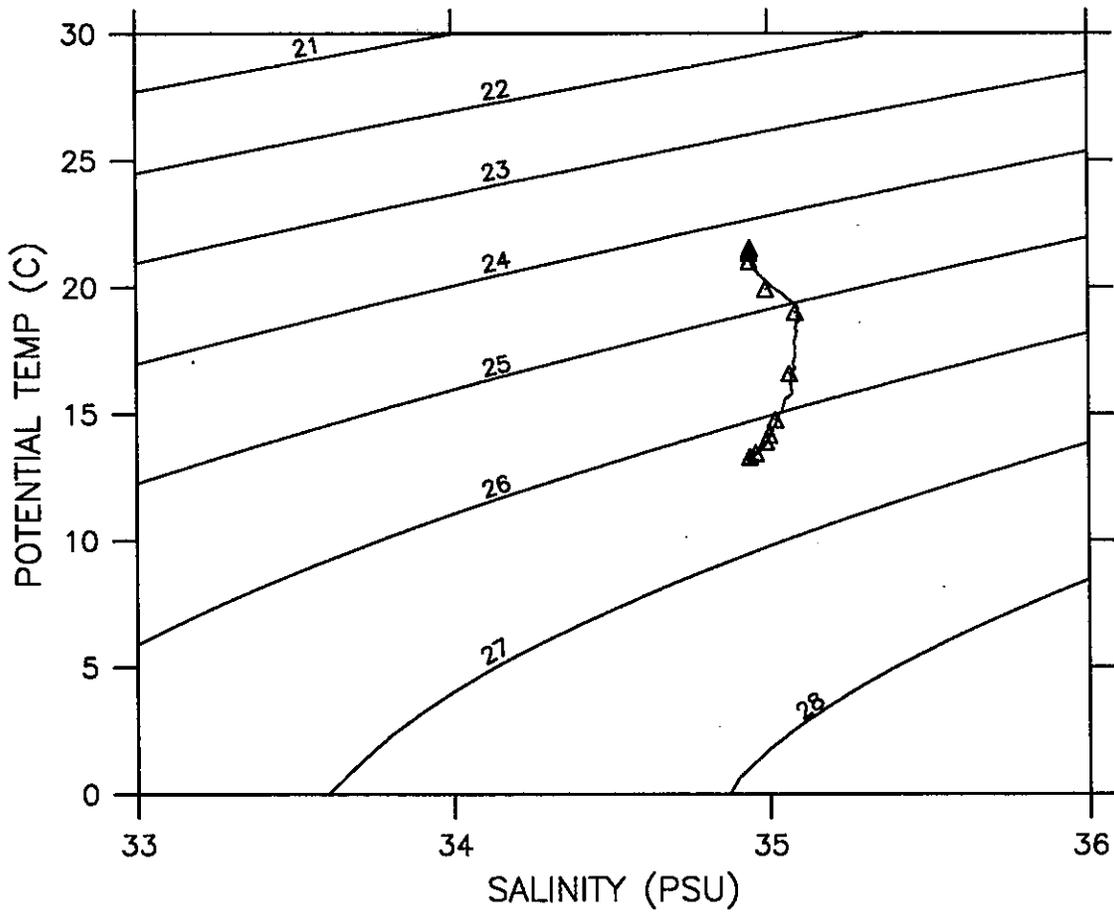
709

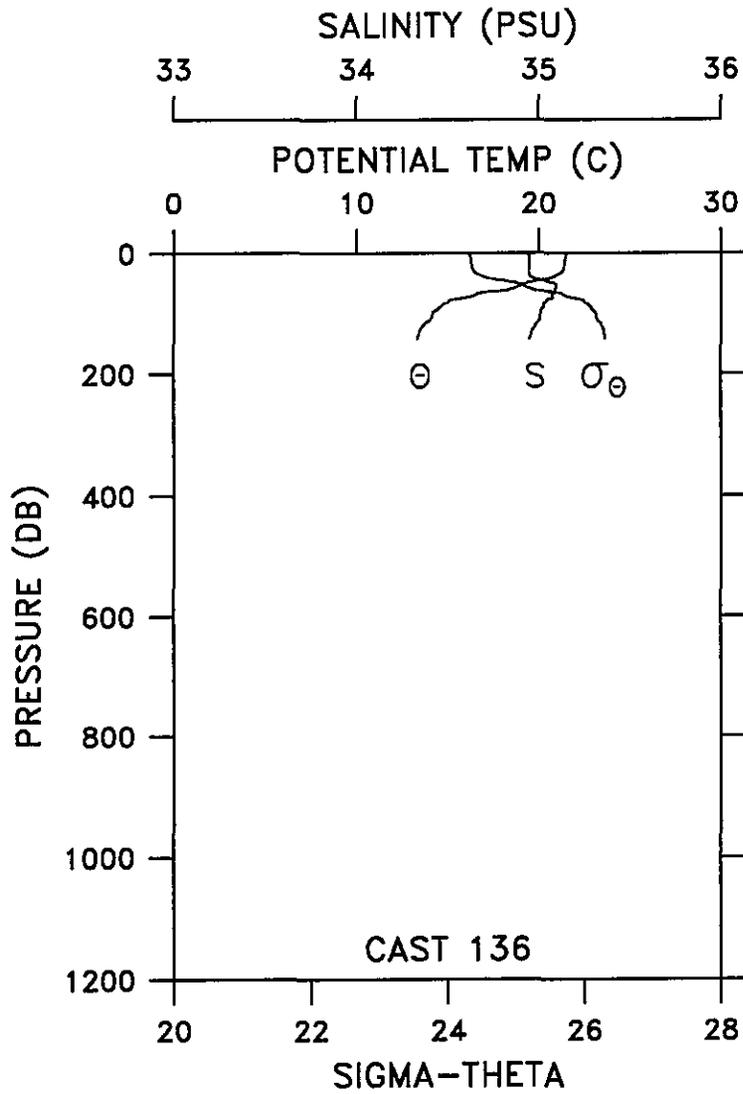


CAST EP7-92-DI -135 DATE 30 NOV 92 TIME 1404 GMT
 LAT 02 00.0S LONG 095 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 15 WIND DIR 095 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 22.2 WET 20.5 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.448	34.945	24.331	0.000
10	21.422	34.944	24.337	0.036
20	21.358	34.943	24.354	0.072
30	21.029	34.941	24.443	0.107
40	19.709	35.041	24.871	0.140
50	18.942	35.086	25.103	0.170
60	17.462	35.068	25.457	0.197
70	16.139	35.067	25.768	0.221
80	15.083	35.037	25.983	0.242
90	14.596	35.022	26.078	0.262
100	14.211	35.005	26.147	0.281
110	14.100	35.003	26.169	0.300
120	13.723	34.987	26.236	0.318
130	13.477	34.966	26.270	0.336
140	13.379	34.954	26.281	0.354
150	13.284	34.943	26.292	0.371
160	13.268	34.942	26.295	0.389
170	13.228	34.936	26.298	0.407
180	13.155	34.932	26.310	0.424
190	13.084	34.927	26.320	0.442
200	13.021	34.924	26.331	0.459
250	12.703	34.904	26.379	0.545
300	12.128	34.875	26.468	0.630
350	10.555	34.774	26.680	0.706
400	9.482	34.717	26.819	0.775
450	8.785	34.673	26.897	0.838
500	8.143	34.639	26.970	0.898
550	7.516	34.615	27.042	0.955
600	7.174	34.598	27.078	1.009
650	6.801	34.593	27.125	1.062
700	6.369	34.581	27.174	1.112
750	6.016	34.579	27.218	1.161
800	5.648	34.566	27.254	1.208
803	5.616	34.565	27.257	1.210

CAST EP7-92-DI -136 DATE 30 NOV 92 TIME 1533 GMT
LAT 02 00.0S LONG 095 00.1W

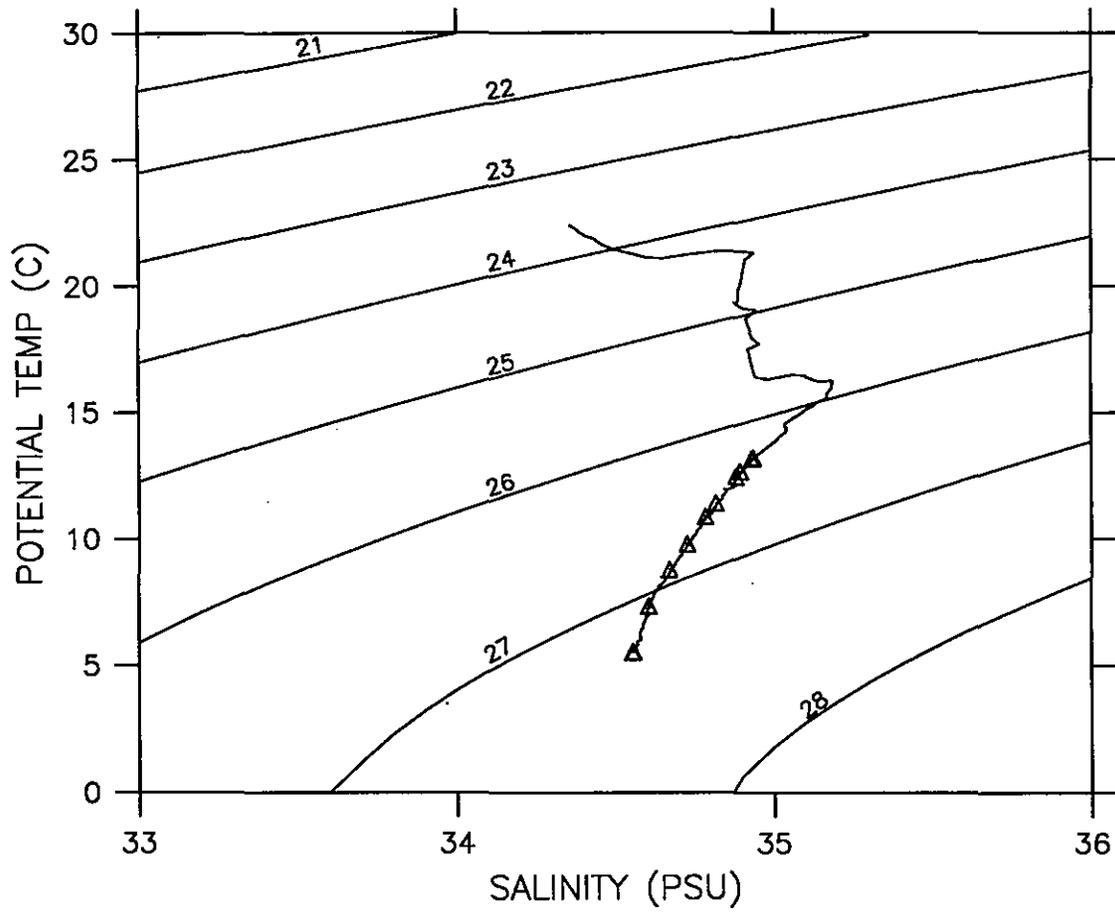


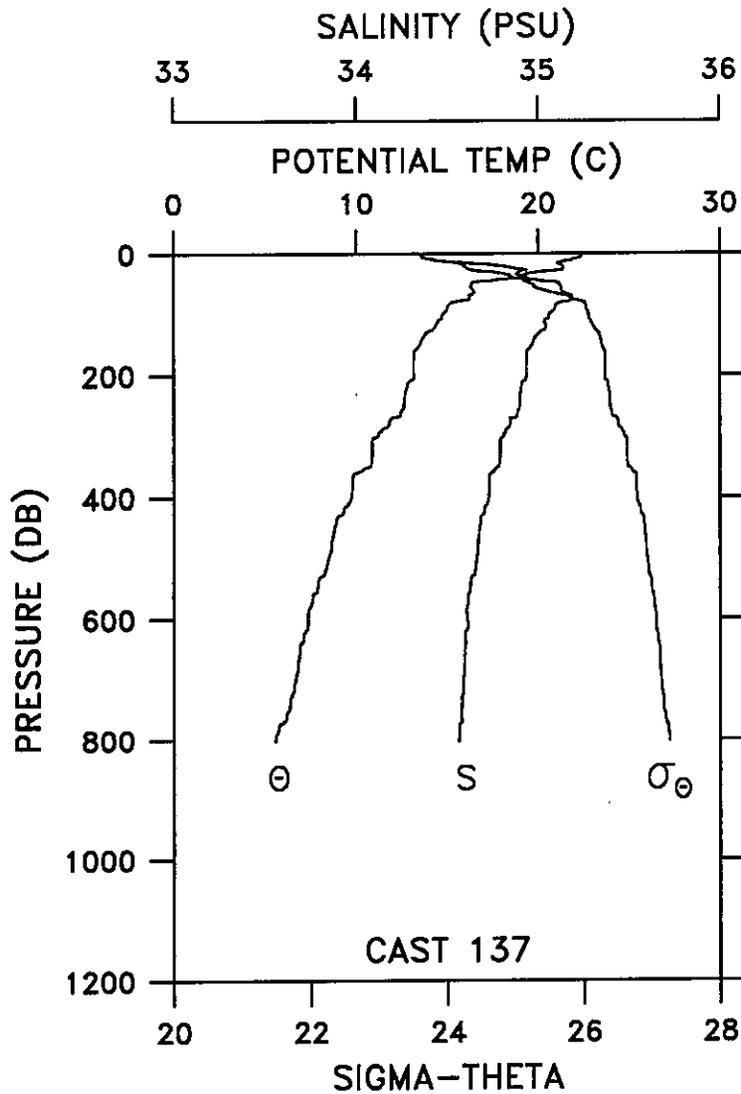


CAST EP7-92-DI -136 DATE 30 NOV 92 TIME 1533 GMT
 LAT 02 00.0S LONG 095 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 16 WIND DIR 110 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 22.5 WET 20.7 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.476	34.937	24.317	0.000
10	21.438	34.945	24.334	0.036
20	21.383	34.944	24.348	0.072
30	21.282	34.943	24.375	0.107
40	20.699	34.956	24.543	0.142
50	19.356	35.081	24.993	0.174
60	18.456	35.087	25.227	0.203
70	16.453	35.073	25.700	0.228
80	15.054	35.038	25.990	0.249
90	14.544	35.022	26.089	0.269
100	14.148	35.007	26.162	0.288
110	14.015	35.000	26.185	0.307
120	13.652	34.979	26.244	0.325
130	13.416	34.958	26.277	0.343
140	13.314	34.947	26.289	0.361
142	13.288	34.944	26.292	0.364

CAST EP7-92-DI -137 DATE 30 NOV 92 TIME 2221 GMT
LAT 01 00.2S LONG 094 59.9W

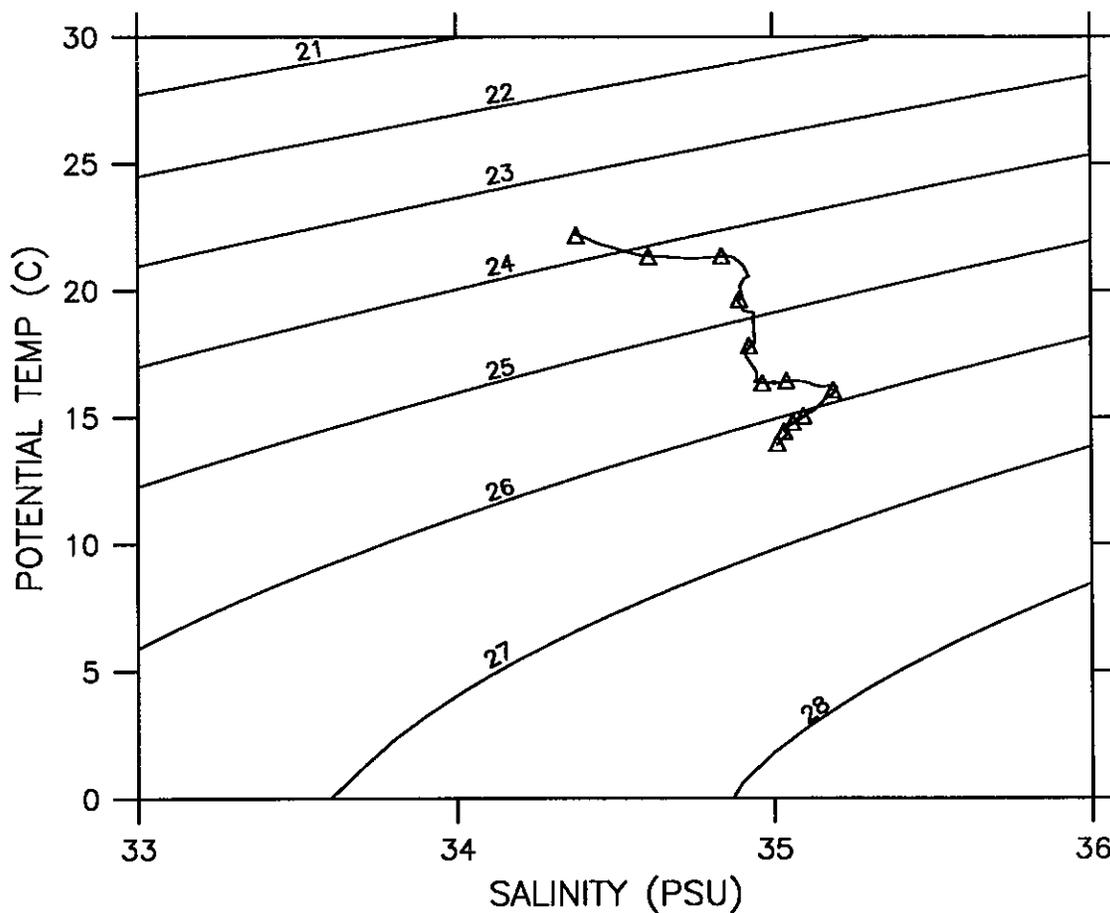




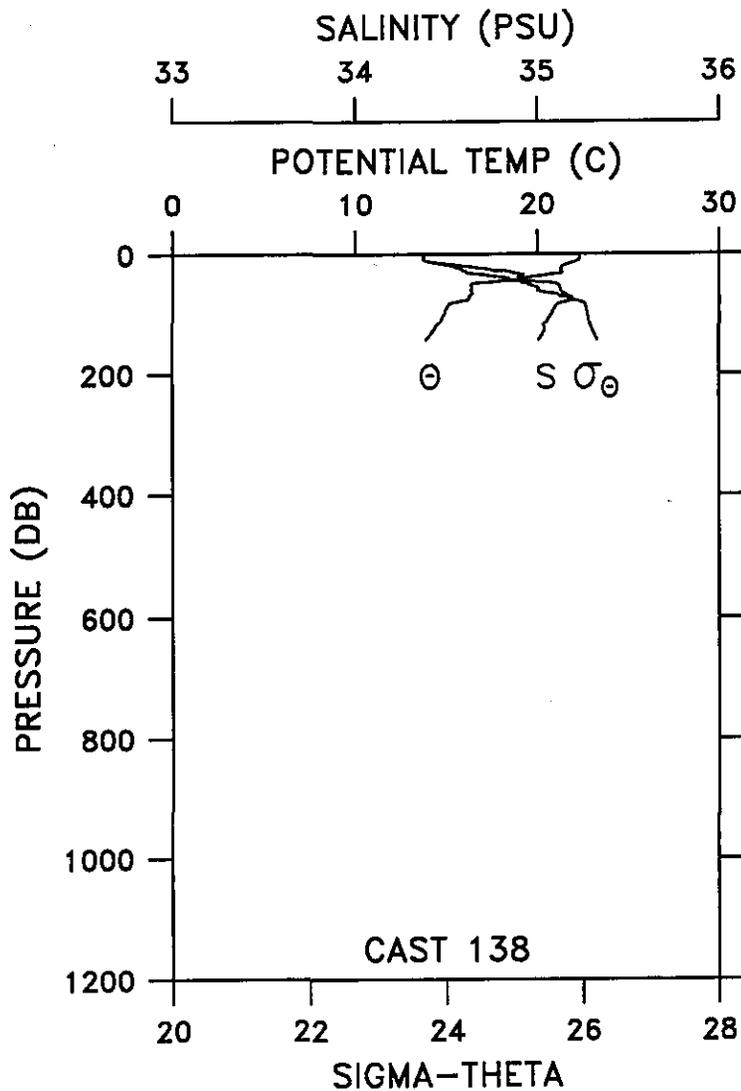
CAST EP7-92-DI -137 DATE 30 NOV 92 TIME 2221 GMT
 LAT 01 00.2S LONG 094 59.9W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 130 T SPD 18 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.0 WET 21.2 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.371	34.357	23.626	0.000
10	21.874	34.423	23.816	0.042
20	21.323	34.796	24.252	0.080
30	20.063	34.895	24.666	0.116
40	19.023	34.943	24.973	0.147
50	16.341	34.968	25.645	0.173
60	16.405	35.025	25.674	0.196
70	16.236	35.172	25.827	0.219
80	15.403	35.140	25.991	0.240
90	15.013	35.093	26.042	0.260
100	14.774	35.062	26.070	0.280
110	14.533	35.037	26.103	0.300
120	14.339	35.041	26.148	0.319
130	13.892	35.008	26.217	0.337
140	13.639	34.981	26.249	0.356
150	13.497	34.967	26.267	0.373
160	13.184	34.938	26.309	0.391
170	13.168	34.937	26.311	0.409
180	13.163	34.936	26.311	0.426
190	13.157	34.936	26.313	0.444
200	13.153	34.935	26.312	0.461
250	12.615	34.898	26.391	0.547
300	11.120	34.808	26.605	0.627
350	10.681	34.775	26.658	0.701
400	9.727	34.726	26.785	0.769
450	8.800	34.676	26.897	0.833
500	8.486	34.661	26.934	0.894
550	7.862	34.625	27.000	0.953
600	7.342	34.609	27.063	1.009
650	6.881	34.596	27.117	1.063
700	6.657	34.587	27.140	1.115
750	6.300	34.578	27.180	1.165
800	5.569	34.562	27.260	1.212
802	5.542	34.561	27.263	1.214

CAST EP7-92-DI -138 DATE 30 NOV 92 TIME 2351 GMT
LAT 01 00.2S LONG 094 59.9W



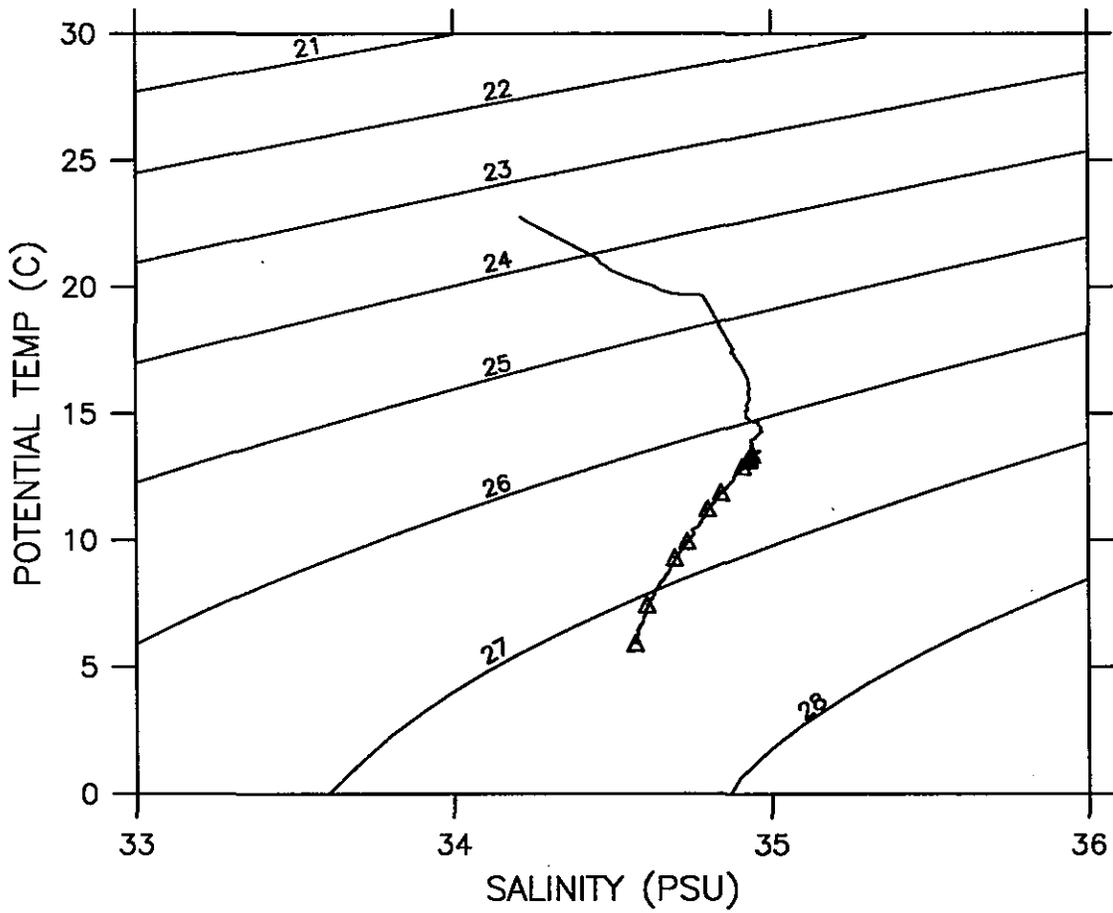
715



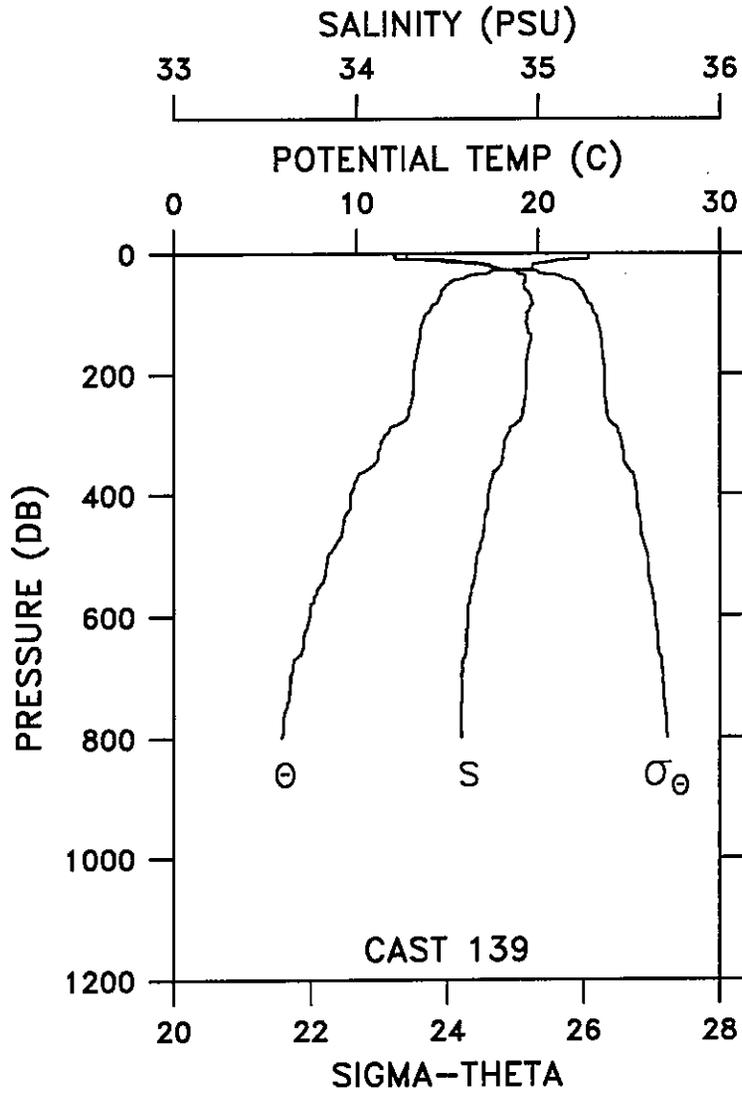
CAST EP7-92-DI -138 DATE 30 NOV 92 TIME 2351 GMT
 LAT 01 00.2S LONG 094 59.9W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 135 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 23.2 WET 21.0 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.321	34.378	23.657	0.000
10	22.276	34.380	23.671	0.042
20	21.379	34.592	24.081	0.083
30	21.350	34.857	24.291	0.120
40	19.220	34.906	24.894	0.153
50	16.397	34.942	25.613	0.181
60	16.341	35.001	25.671	0.205
70	16.275	35.122	25.779	0.227
80	15.586	35.152	25.960	0.249
90	15.007	35.094	26.044	0.269
100	14.880	35.080	26.061	0.289
110	14.704	35.055	26.080	0.308
120	14.460	35.038	26.119	0.328
130	14.260	35.038	26.162	0.347
140	13.987	35.017	26.204	0.366
143	13.918	35.011	26.214	0.371

CAST EP7-92-DI -139 DATE 01 DEC 92 TIME 0643 GMT
LAT 00 00.0N LONG 095 00.1W



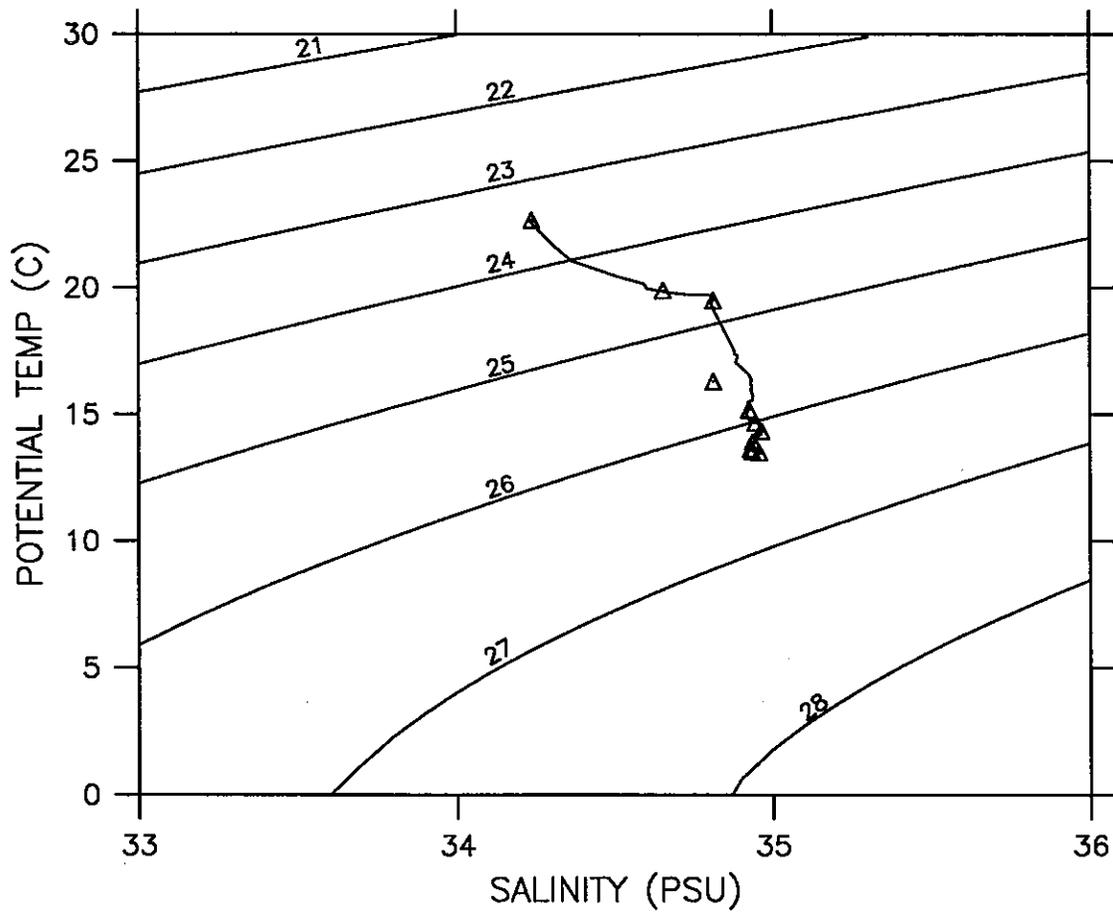
717



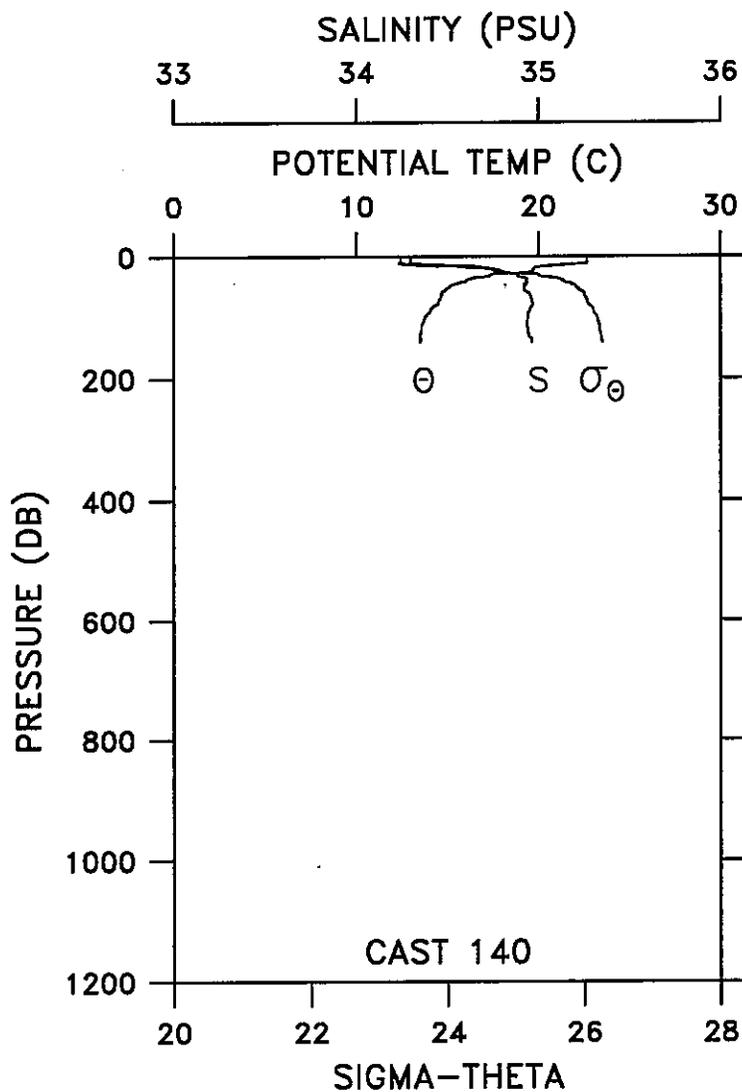
CAST EP7-92-DI -139 DATE 01 DEC 92 TIME 0643 GMT
 LAT 00 00.0N LONG 095 00.1W WEATHER 2 SEA STATE
 BAROMETER 13 WIND DIR 150 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.9 WET 19.8 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.764	34.213	23.406	0.000
10	21.793	34.354	23.786	0.044
20	19.688	34.724	24.634	0.080
30	17.371	34.881	25.335	0.111
40	15.984	34.932	25.700	0.136
50	15.104	34.920	25.888	0.158
60	14.718	34.936	25.985	0.178
70	14.625	34.960	26.024	0.198
80	14.484	34.967	26.060	0.218
90	14.111	34.955	26.130	0.237
100	13.871	34.938	26.167	0.256
110	13.701	34.938	26.202	0.275
120	13.596	34.943	26.228	0.293
130	13.524	34.946	26.245	0.311
140	13.512	34.964	26.262	0.329
150	13.431	34.953	26.270	0.347
160	13.374	34.946	26.276	0.365
170	13.310	34.940	26.284	0.383
180	13.232	34.936	26.297	0.400
190	13.186	34.936	26.307	0.418
200	13.161	34.935	26.311	0.436
250	13.028	34.924	26.329	0.524
300	11.657	34.834	26.526	0.608
350	11.001	34.796	26.617	0.685
400	9.705	34.725	26.788	0.755
450	9.295	34.704	26.839	0.821
500	8.470	34.663	26.938	0.884
550	8.029	34.638	26.986	0.944
600	7.463	34.617	27.052	1.000
650	7.099	34.607	27.095	1.054
700	6.407	34.580	27.168	1.105
750	6.194	34.577	27.193	1.155
800	5.908	34.580	27.232	1.203
800	5.908	34.580	27.232	1.203

CAST EP7-92-DI -140 DATE 01 DEC 92 TIME 0823 GMT
LAT 00 00.1N LONG 095 00.2W



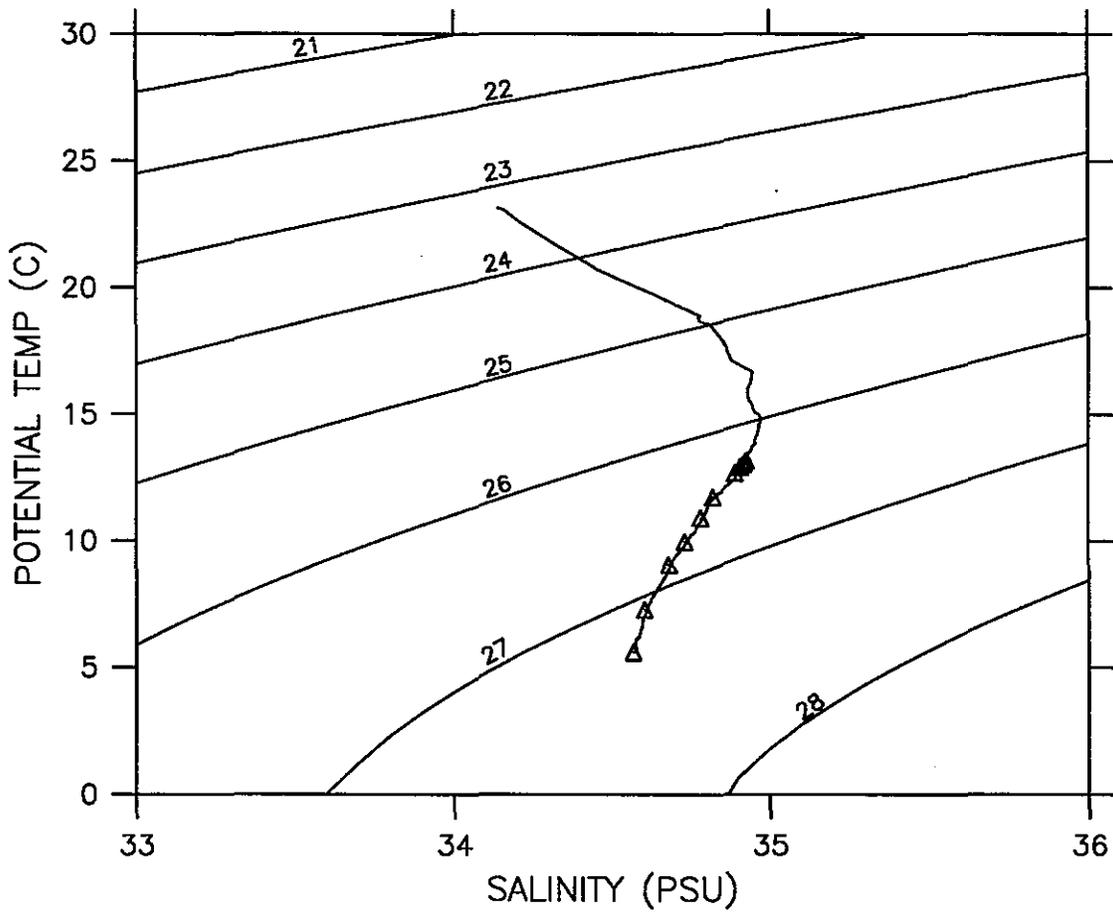
719



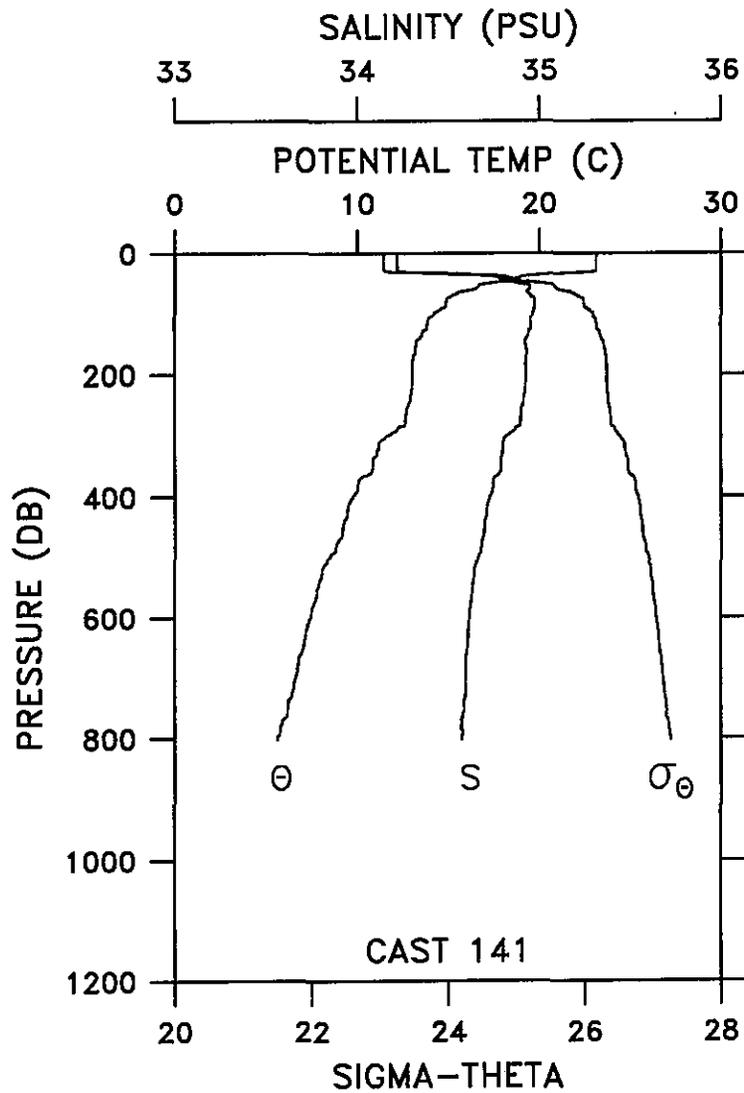
CAST EP7-92-DI -140 DATE 01 DEC 92 TIME 0823 GMT
 LAT 00 00.1N LONG 095 00.2W WEATHER 2 SEA STATE
 BAROMETER 11 WIND DIR 150 T SPD 13 KT VISIBILITY 7
 CLOUD AMOUNT DRY 21.9 WET 19.9 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.673	34.242	23.454	0.000
10	22.664	34.244	23.458	0.044
20	19.752	34.717	24.612	0.083
30	17.402	34.881	25.328	0.114
40	16.032	34.935	25.691	0.139
50	15.140	34.920	25.880	0.161
60	14.676	34.944	26.000	0.182
70	14.581	34.961	26.034	0.202
80	14.419	34.967	26.073	0.222
90	14.048	34.950	26.139	0.241
100	13.769	34.940	26.190	0.259
110	13.643	34.935	26.212	0.278
120	13.579	34.940	26.229	0.296
130	13.505	34.947	26.250	0.314
140	13.486	34.963	26.266	0.332
141	13.478	34.962	26.267	0.334

CAST EP7-92-DI -141 DATE 01 DEC 92 TIME 1520 GMT
LAT 01 00.1N LONG 095 00.2W

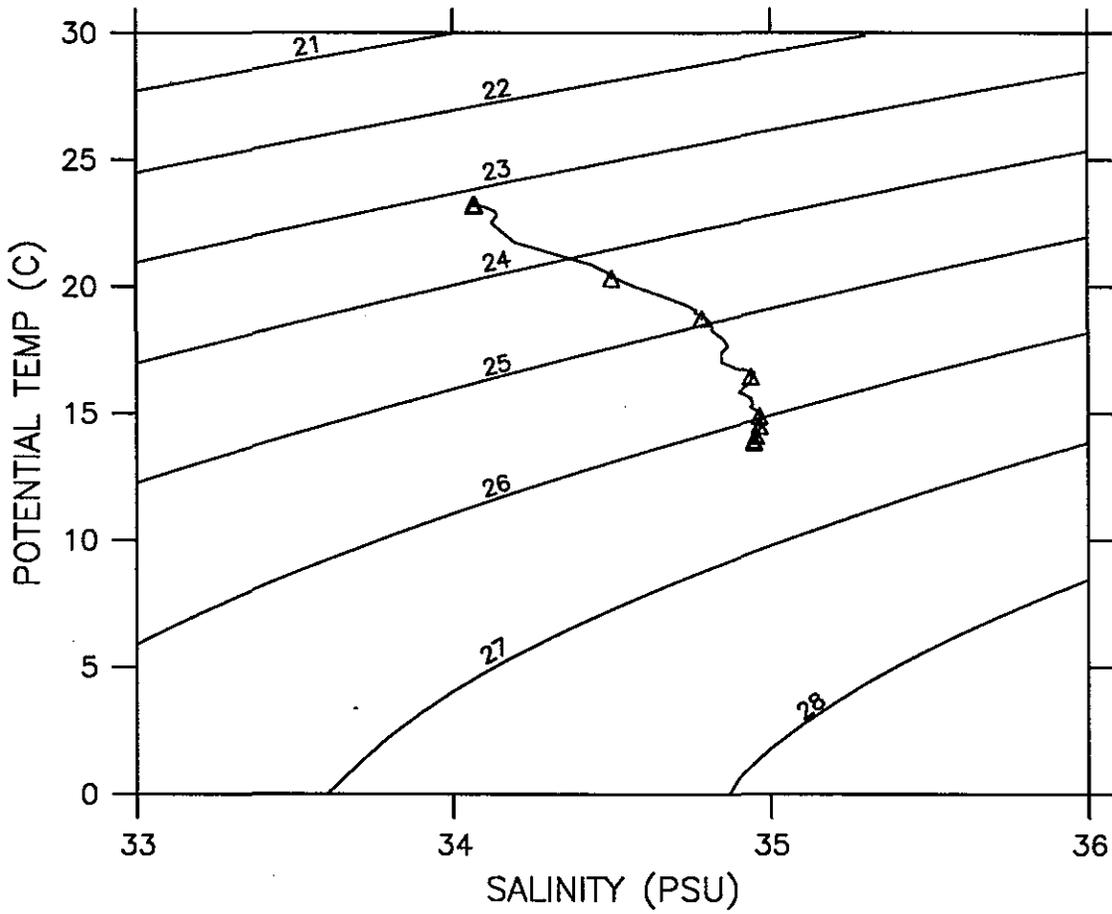


CAST EP7-92-DI-141 DATE 01 DEC 92 TIME 1520 GMT
 LAT 01 00.1N LONG 095 00.2W WEATHER 1 SEA STATE 3
 BAROMETER 15 WIND DIR 150 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.0 WET 21.0 DEPTH M

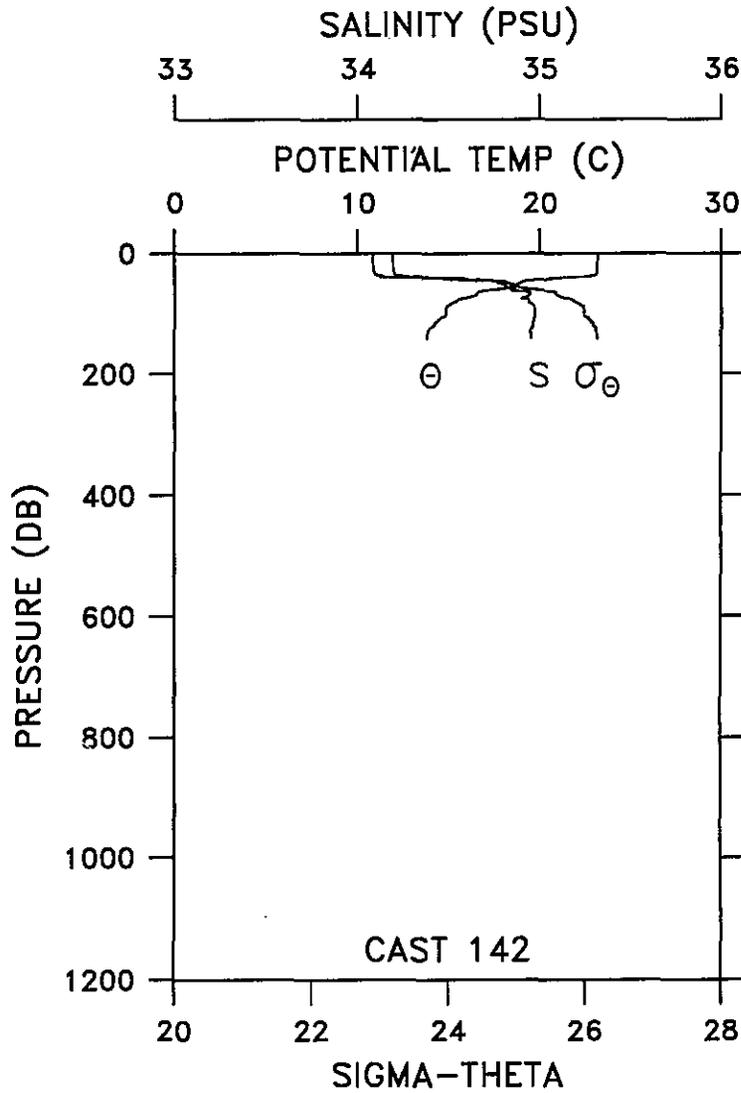


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.128	34.142	23.248	0.000
10	23.121	34.143	23.251	0.046
20	23.118	34.142	23.251	0.092
30	23.098	34.152	23.264	0.139
40	18.976	34.770	24.853	0.177
50	17.472	34.868	25.301	0.206
60	16.468	34.945	25.598	0.231
70	15.244	34.948	25.879	0.253
80	14.878	34.971	25.977	0.274
90	14.795	34.973	25.997	0.294
100	14.202	34.962	26.116	0.314
110	13.927	34.953	26.167	0.333
120	13.857	34.957	26.185	0.352
130	13.616	34.943	26.224	0.370
140	13.472	34.934	26.247	0.388
150	13.252	34.926	26.285	0.406
160	13.192	34.934	26.304	0.424
170	13.091	34.927	26.319	0.441
180	13.052	34.926	26.326	0.459
190	13.048	34.926	26.327	0.476
200	13.045	34.926	26.327	0.493
250	12.827	34.909	26.358	0.581
300	11.632	34.818	26.518	0.665
350	10.865	34.789	26.636	0.740
400	9.750	34.727	26.782	0.811
450	9.197	34.697	26.850	0.876
500	8.468	34.663	26.939	0.939
550	7.863	34.634	27.007	0.998
600	7.464	34.619	27.053	1.054
650	7.056	34.606	27.100	1.108
700	6.630	34.597	27.152	1.159
750	6.193	34.588	27.202	1.209
800	5.622	34.576	27.265	1.256
803	5.618	34.576	27.265	1.259

CAST EP7-92-DI -142 DATE 01 DEC 92 TIME 1645 GMT
LAT 01 00.0N LONG 095 00.4W

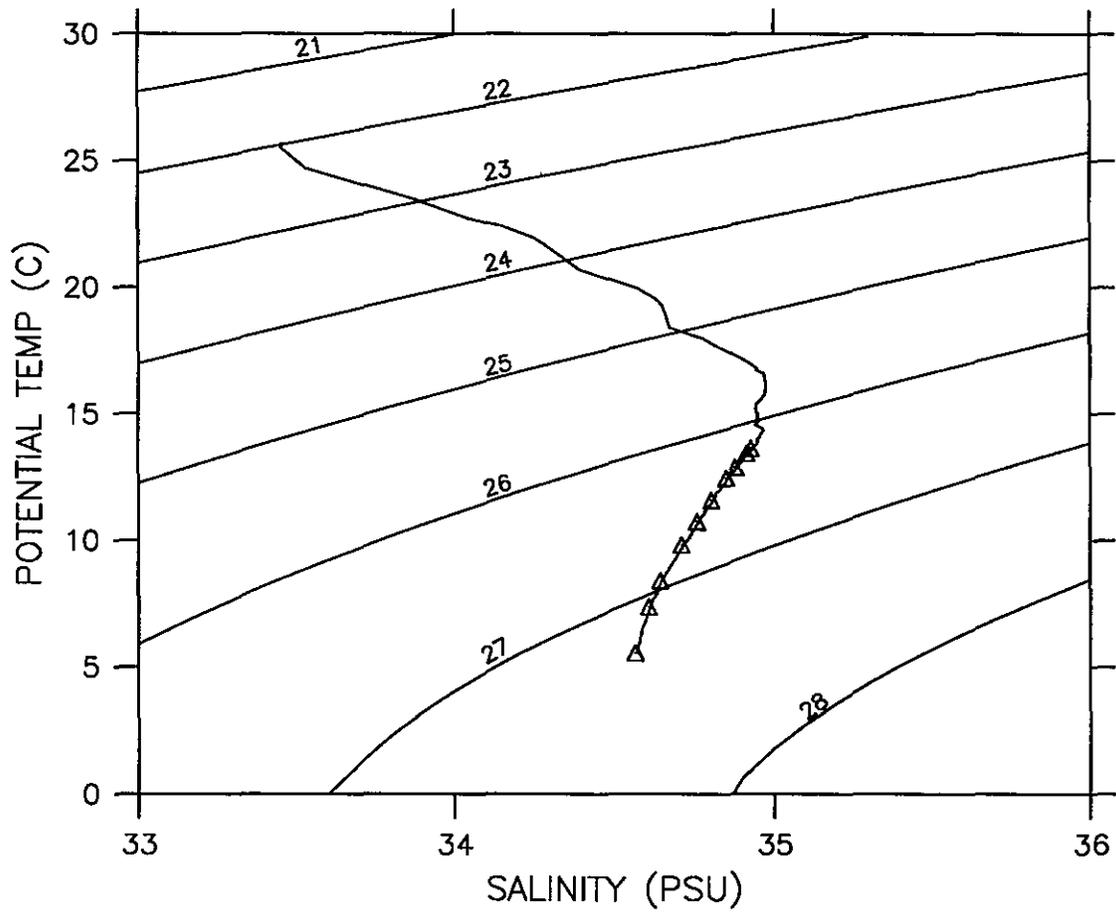


CAST EP7-92-D1 -142 DATE 01 DEC 92 TIME 1645 GMT
 LAT 01 00.0N LONG 095 00.4W WEATHER 2 SEA STATE 3
 BAROMETER 15 WIND DIR 150 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.1 WET 21.0 DEPTH M

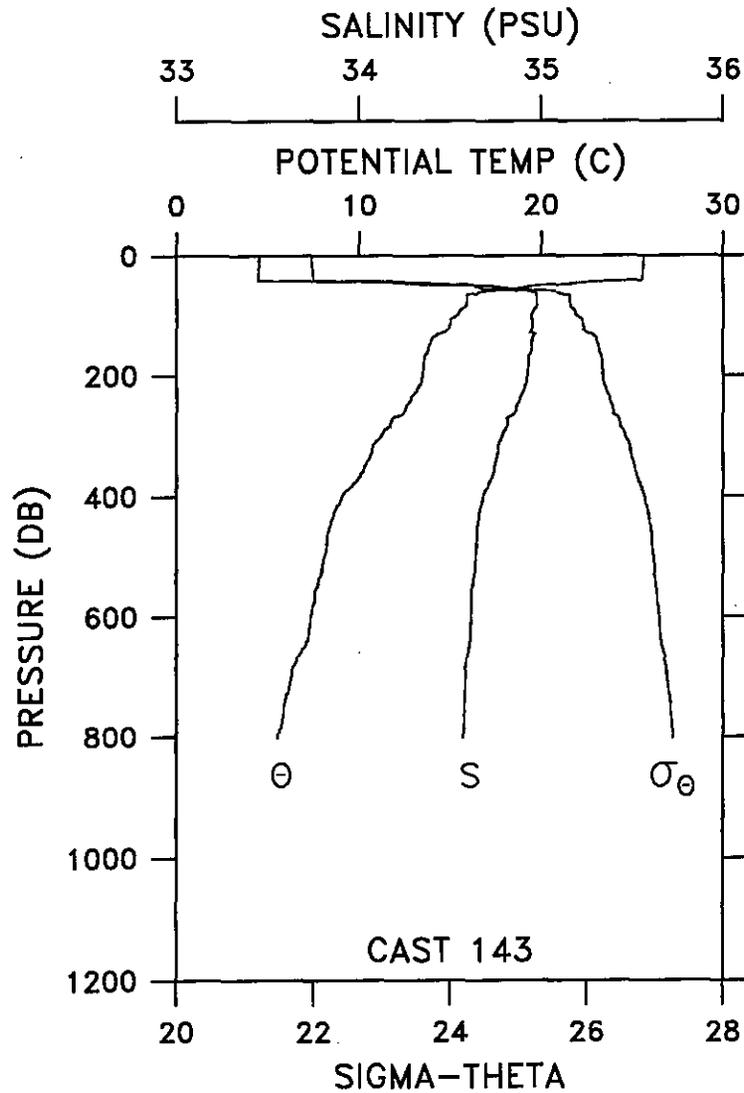


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.216	34.086	23.180	0.000
10	23.217	34.084	23.178	0.047
20	23.173	34.087	23.193	0.094
30	23.162	34.091	23.199	0.140
40	21.735	34.199	23.684	0.187
50	18.877	34.789	24.893	0.221
60	17.661	34.866	25.254	0.250
70	16.484	34.940	25.591	0.275
80	15.382	34.943	25.844	0.298
90	14.882	34.971	25.976	0.319
100	14.845	34.972	25.985	0.339
110	14.485	34.970	26.062	0.360
120	14.214	34.964	26.115	0.379
130	13.905	34.953	26.172	0.398
140	13.849	34.957	26.186	0.417
142	13.838	34.956	26.188	0.420

CAST EP7-92-DI -143 DATE 01 DEC 92 TIME 2326 GMT
LAT 01 59.9N LONG 095 00.3W



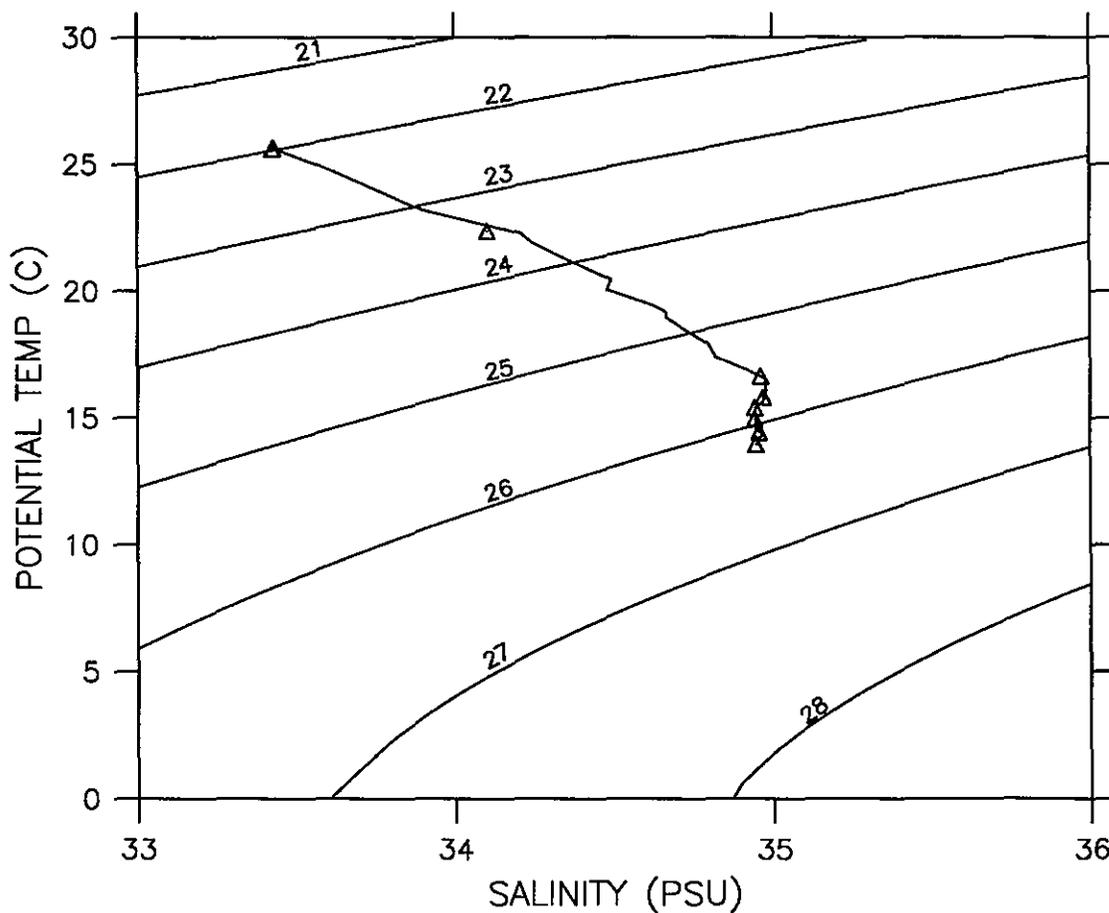
CAST EP7-92-DI-143 DATE 01 DEC 92 TIME 2326 GMT
 LAT 01 59.9N LONG 095 00.3W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 170 T SPD 15 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.5 WET 21.0 DEPTH M



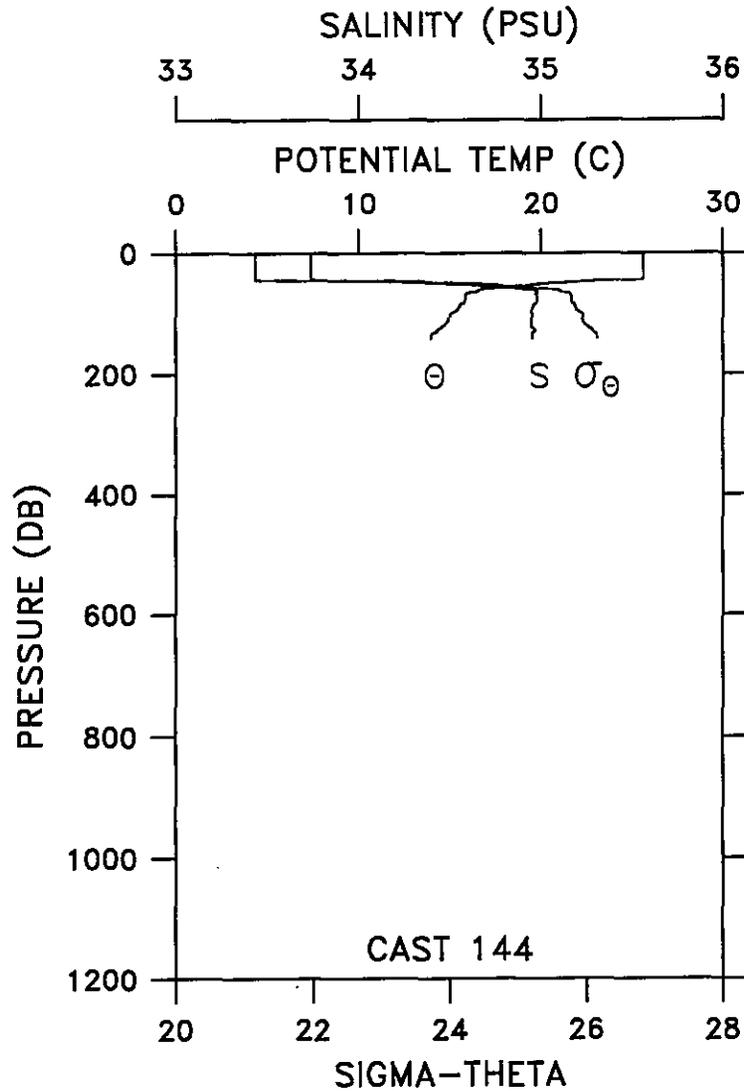
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.662	33.454	21.973	0.000
10	25.650	33.453	21.976	0.058
20	25.618	33.452	21.985	0.117
30	25.594	33.450	21.991	0.175
40	25.555	33.452	22.005	0.233
50	19.952	34.575	24.451	0.280
60	16.776	34.946	25.527	0.310
70	15.903	34.974	25.751	0.333
80	15.895	34.974	25.752	0.356
90	15.616	34.963	25.807	0.378
100	15.406	34.946	25.841	0.400
110	15.008	34.948	25.931	0.421
120	14.918	34.948	25.951	0.442
130	14.433	34.961	26.066	0.463
140	14.007	34.952	26.149	0.482
150	13.859	34.948	26.177	0.501
160	13.771	34.945	26.193	0.520
170	13.602	34.933	26.219	0.538
180	13.559	34.932	26.227	0.557
190	13.511	34.927	26.233	0.575
200	13.477	34.923	26.237	0.593
250	12.589	34.864	26.370	0.682
300	11.230	34.786	26.568	0.764
350	10.311	34.743	26.698	0.837
400	9.091	34.684	26.857	0.905
450	8.393	34.650	26.940	0.966
500	8.086	34.640	26.979	1.025
550	7.721	34.625	27.021	1.082
600	7.344	34.614	27.066	1.138
650	7.023	34.606	27.105	1.192
700	6.306	34.587	27.187	1.242
750	5.875	34.577	27.234	1.290
800	5.560	34.574	27.271	1.336
803	5.545	34.573	27.272	1.338

725

CAST EP7-92-DI -144 DATE 02 DEC 92 TIME 0052 GMT
LAT 01 59.9N LONG 095 00.3W



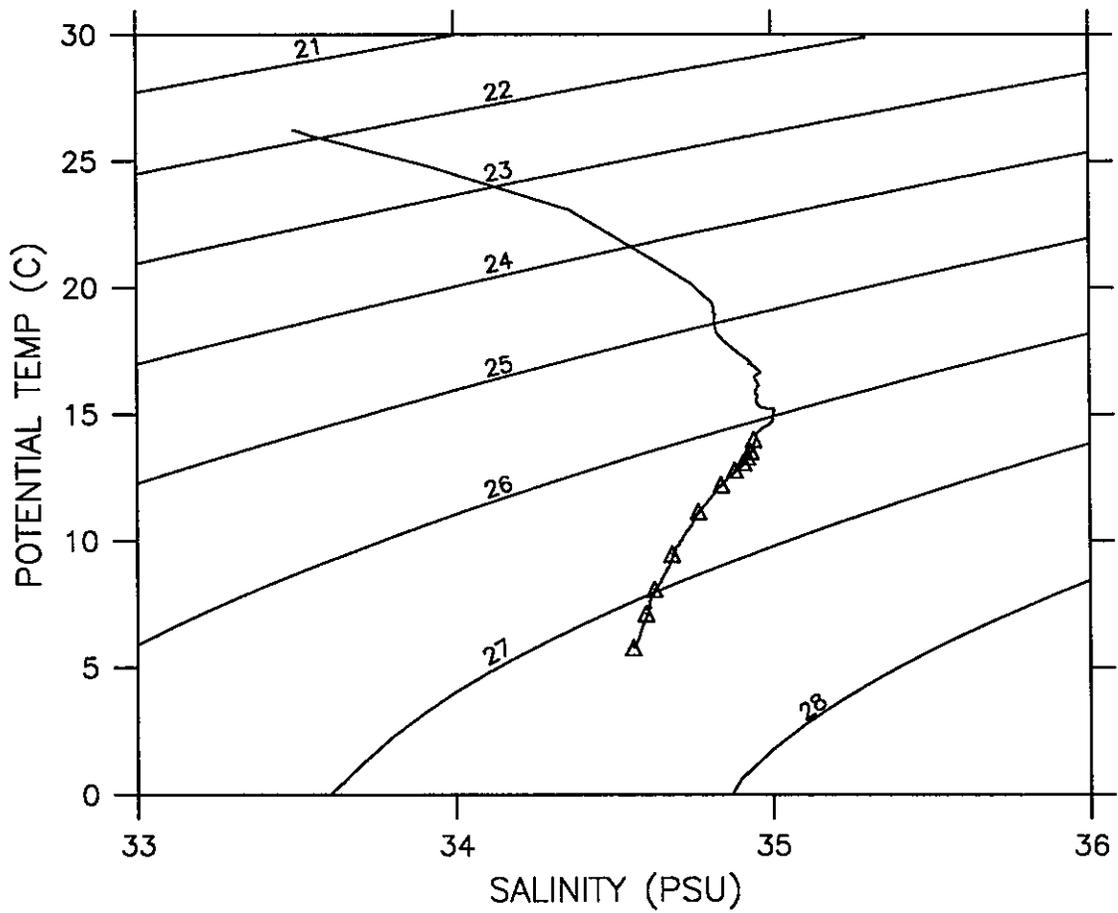
CAST EP7-92-DI -144 DATE 02 DEC 92 TIME 0052 GMT
 LAT 01 59.9N LONG 095 00.3W WEATHER 1 SEA STATE
 BAROMETER 13 WIND DIR 160 T SPD 10 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.2 WET 20.8 DEPTH M



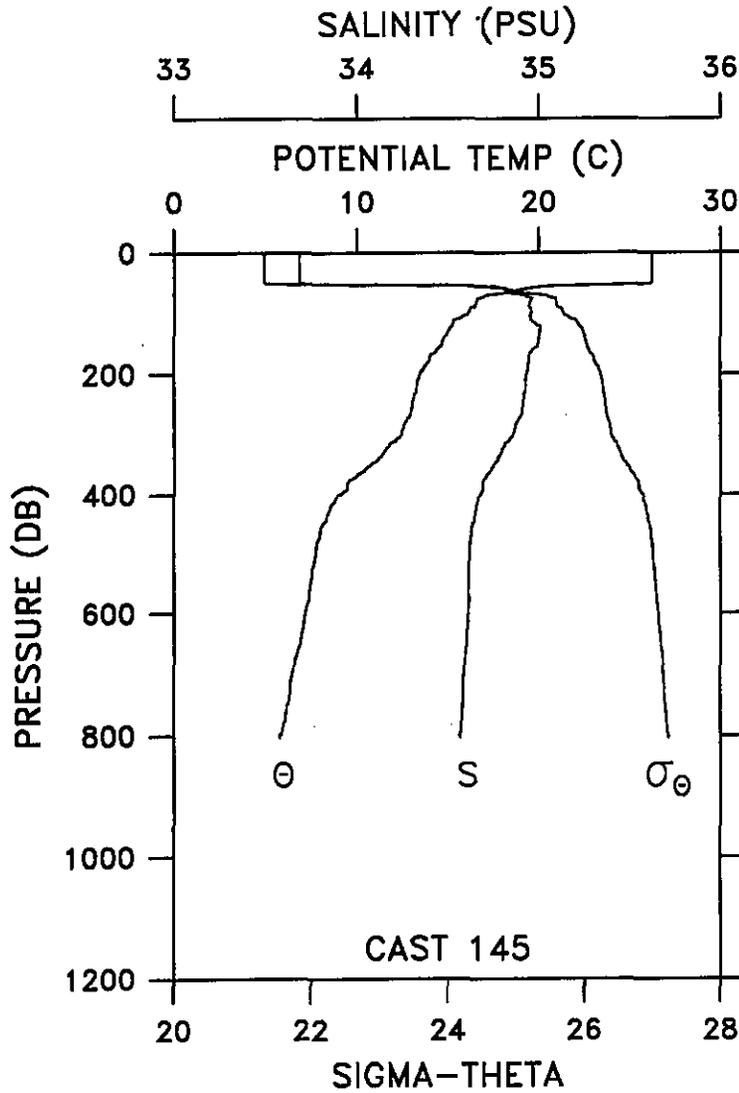
PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.624	33.435	21.971	0.000
10	25.620	33.433	21.970	0.058
20	25.623	33.434	21.970	0.117
30	25.621	33.434	21.971	0.175
40	25.619	33.433	21.971	0.234
50	20.455	34.493	24.256	0.285
60	16.690	34.951	25.551	0.316
70	15.825	34.974	25.769	0.339
80	15.788	34.975	25.778	0.361
90	15.472	34.952	25.831	0.383
100	14.997	34.948	25.933	0.405
110	14.934	34.950	25.949	0.426
120	14.680	34.948	26.003	0.447
130	14.304	34.967	26.098	0.466
140	13.973	34.953	26.157	0.485
142	13.948	34.952	26.162	0.489

727

CAST EP7-92-DI -145 DATE 02 DEC 92 TIME 0933 GMT
LAT 02 59.6N LONG 095 00.2W

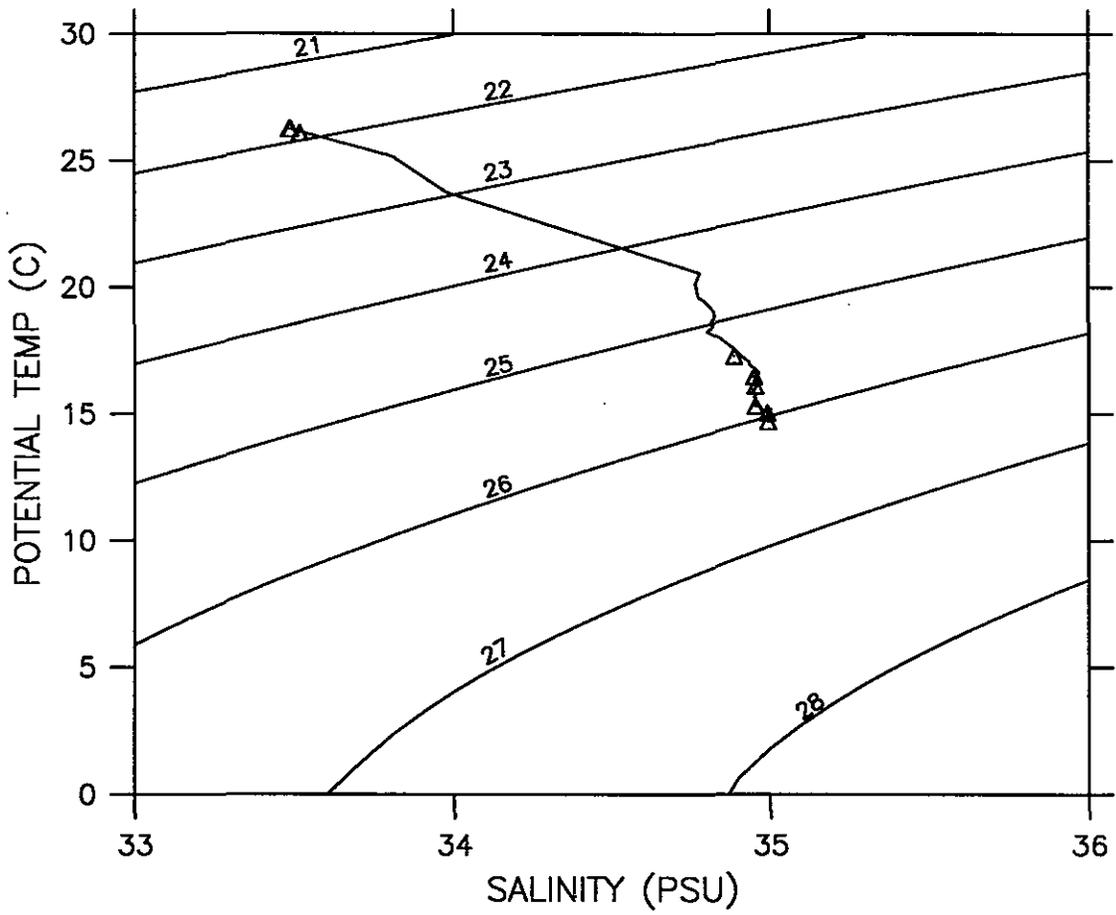


CAST EP7-92-DI -145 DATE 02 DEC 92 TIME 0933 GMT
 LAT 02 59.6N LONG 095 00.2W WEATHER 1 SEA STATE
 BAROMETER 12 WIND DIR 165 T SPD 12 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.2 WET 21.0 DEPTH M

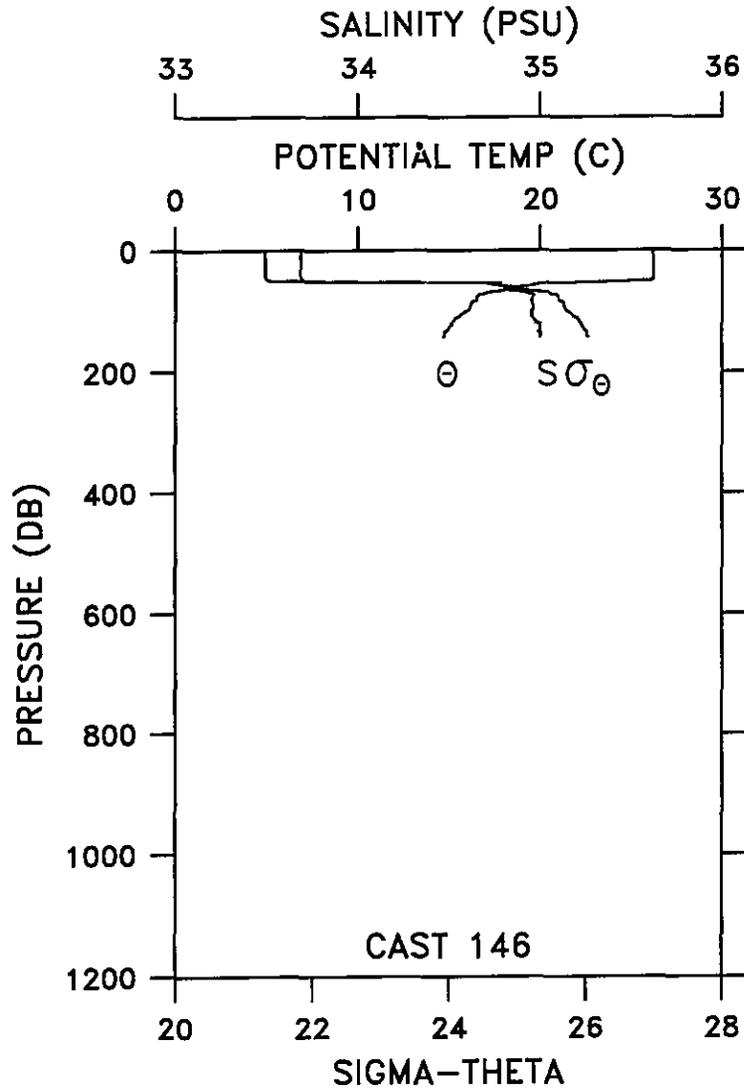


PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.223	33.497	21.832	0.000
10	26.226	33.494	21.829	0.060
20	26.226	33.493	21.828	0.120
30	26.226	33.493	21.828	0.179
40	26.225	33.493	21.829	0.239
50	26.176	33.508	21.855	0.299
60	19.037	34.816	24.872	0.340
70	17.049	34.933	25.452	0.368
80	16.561	34.950	25.580	0.393
90	16.348	34.948	25.629	0.417
100	16.089	34.955	25.694	0.440
110	15.357	34.957	25.861	0.463
120	15.237	35.004	25.924	0.484
130	14.979	35.003	25.980	0.505
140	14.805	35.003	26.018	0.525
150	14.672	34.995	26.041	0.545
160	14.406	34.965	26.075	0.565
170	14.047	34.948	26.138	0.585
180	13.952	34.946	26.156	0.604
190	13.679	34.942	26.210	0.623
200	13.492	34.933	26.242	0.641
250	13.067	34.914	26.314	0.731
300	12.439	34.858	26.395	0.818
350	10.794	34.754	26.622	0.898
400	9.027	34.677	26.862	0.966
450	8.155	34.637	26.966	1.027
500	7.751	34.621	27.013	1.084
550	7.469	34.614	27.048	1.140
600	7.182	34.611	27.087	1.194
650	6.890	34.603	27.121	1.247
700	6.483	34.589	27.165	1.298
750	6.194	34.584	27.199	1.347
800	5.816	34.570	27.236	1.395
803	5.785	34.570	27.240	1.398

CAST EP7-92-DI -146 DATE 02 DEC 92 TIME 1103 GMT
LAT 03 00.0N LONG 095 00.1W



CAST EP7-92-DI -146 DATE 02 DEC 92 TIME 1103 GMT
 LAT 03 00.0N LONG 095 00.1W WEATHER 1 SEA STATE 3
 BAROMETER 12 WIND DIR 175 T SPD 14 KT VISIBILITY 7
 CLOUD AMOUNT DRY 24.4 WET 21.2 DEPTH M



PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.209	33.493	21.834	0.000
10	26.217	33.492	21.830	0.060
20	26.220	33.492	21.829	0.120
30	26.221	33.492	21.829	0.179
40	26.221	33.492	21.829	0.239
50	26.079	33.534	21.905	0.299
60	18.818	34.827	24.936	0.337
70	16.974	34.934	25.471	0.365
80	16.505	34.955	25.597	0.389
90	16.165	34.958	25.679	0.413
100	15.902	34.946	25.729	0.436
110	15.384	34.955	25.853	0.459
120	15.184	34.997	25.930	0.480
130	14.950	35.000	25.984	0.501
140	14.767	35.004	26.027	0.521
142	14.689	35.000	26.041	0.525

CAST EP7-92-DI -085 LAT 05 00.0S LONG 081 20.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	18.104	34.912	5.53	18.104	25.180
9.	18.030	34.944	5.26	18.028	25.223
19.	16.002	34.992	2.00	15.999	25.743
29.	15.209	35.020	1.18	15.205	25.943
40.	15.194	35.020	1.17	15.188	25.947
49.	15.154	35.020	1.08	15.147	25.956
48.	15.159	35.020	1.05	15.152	25.955
59.	15.060	35.022	1.01	15.051	25.978
59.	15.059	35.021	0.99	15.050	25.978
60.	15.058	35.023	1.00	15.049	25.980
60.	15.056	35.022	1.00	15.047	25.979
59.	15.052	35.024	1.02	15.043	25.982

CAST EP7-92-DI -088 LAT 05 00.0S LONG 081 40.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	18.744	34.807	4.84	18.744	24.940
9.	18.443	34.822	4.39	18.441	25.027
20.	15.710	34.961	2.07	15.707	25.785
30.	14.936	35.032	0.58	14.932	26.012
40.	14.850	35.030	0.59	14.844	26.030
49.	14.626	35.019	0.54	14.619	26.071
64.	14.442	35.011	0.72	14.433	26.104
80.	14.271	34.998	0.77	14.259	26.131
97.	14.198	34.991	0.85	14.184	26.142
111.	14.054	34.979	0.87	14.038	26.164
124.	13.965	34.974	0.84	13.947	26.179
140.	13.880	34.966	0.84	13.860	26.191

CAST EP7-92-DI -086 LAT 05 00.0S LONG 081 30.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	17.353	34.888	3.63	17.353	25.345
9.	16.997	34.910	3.11	16.995	25.447
19.	15.187	35.042	0.76	15.184	25.965
30.	14.901	35.033	0.65	14.897	26.021
40.	14.720	35.017	0.92	14.714	26.048
50.	14.698	35.014	1.00	14.691	26.051
64.	14.658	35.011	1.02	14.648	26.058
79.	14.415	34.997	0.91	14.403	26.100
93.	14.365	34.994	0.89	14.351	26.109
109.	14.140	34.980	0.74	14.124	26.146
124.	14.104	34.978	0.80	14.086	26.153
140.	14.007	34.974	0.83	13.987	26.171

CAST EP7-92-DI -089 LAT 05 00.0S LONG 081 40.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
160.	13.648	34.950	0.50	13.625	26.227
180.	13.578	34.947	0.48	13.553	26.240
199.	13.326	34.933	0.32	13.298	26.281
230.	13.104	34.922	0.30	13.072	26.319
260.	12.476	34.894	0.07	12.441	26.422
290.	11.911	34.855	0.11	11.873	26.501
329.	10.920	34.798	0.04	10.879	26.640
380.	9.690	34.729	0.09	9.647	26.800
449.	8.657	34.674	0.10	8.609	26.925
599.	7.501	34.620	0.20	7.441	27.057
800.	5.808	34.573	0.76	5.738	27.248
799.	5.822	34.574	0.79	5.752	27.247

CAST EP7-92-DI -087 LAT 05 00.0S LONG 081 30.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
159.	13.849	34.960	0.61	13.826	26.193
180.	13.689	34.950	0.54	13.663	26.219
200.	13.519	34.946	0.44	13.491	26.252
229.	13.314	34.931	0.28	13.282	26.283
260.	12.882	34.909	0.18	12.846	26.354
289.	12.570	34.891	0.16	12.531	26.402
330.	11.109	34.808	0.09	11.068	26.614
380.	9.538	34.718	0.13	9.495	26.817
450.	8.832	34.681	0.17	8.783	26.903
599.	7.908	34.637	0.37	7.847	27.012
801.	6.127	34.584	1.78	6.054	27.217
802.	6.116	34.583	0.85	6.043	27.218

CAST EP7-92-DI -090 LAT 05 00.0S LONG 081 50.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
159.	13.709	34.955	0.69	13.686	26.219
180.	13.388	34.938	0.32	13.363	26.272
198.	13.219	34.930	0.31	13.191	26.301
230.	12.678	34.904	0.05	12.647	26.389
258.	12.218	34.875	0.06	12.184	26.457
290.	11.569	34.836	0.10	11.532	26.551
329.	10.604	34.780	0.06	10.564	26.683
380.	9.821	34.734	0.08	9.777	26.782
450.	9.097	34.694	0.09	9.047	26.871
599.	7.443	34.618	0.18	7.384	27.064
800.	5.656	34.568	0.74	5.586	27.263
800.	5.685	34.567	0.74	5.615	27.259

CAST EP7-92-DI -091 LAT 05 00.0S LONG 081 50.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	19.253	34.805	5.31	19.253	24.809
9.	18.501	34.818	4.61	18.499	25.010
20.	15.906	35.012	1.48	15.903	25.780
29.	14.985	35.020	0.83	14.981	25.992
39.	14.805	35.026	0.68	14.799	26.037
49.	14.669	35.021	0.57	14.662	26.063
65.	14.525	35.010	0.86	14.515	26.086
79.	14.428	35.006	0.81	14.416	26.104
95.	14.300	34.998	0.83	14.286	26.126
110.	14.115	34.989	0.77	14.099	26.158
125.	14.029	34.984	0.68	14.011	26.173
139.	13.978	34.978	0.77	13.958	26.180

CAST EP7-92-DI -094 LAT 05 00.1S LONG 082 30.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
160.	13.291	34.936	0.17	13.269	26.290
180.	13.048	34.924	0.07	13.023	26.330
200.	12.942	34.918	0.08	12.915	26.347
229.	12.597	34.897	0.10	12.566	26.400
258.	12.443	34.887	0.08	12.408	26.423
289.	12.119	34.868	0.07	12.081	26.472
331.	11.654	34.838	0.06	11.611	26.537
379.	10.720	34.784	0.05	10.674	26.666
449.	9.285	34.704	0.04	9.235	26.849
598.	7.277	34.611	0.22	7.218	27.082
801.	5.235	34.561	0.94	5.168	27.308
803.	5.234	34.561	0.96	5.167	27.308

CAST EP7-92-DI -092 LAT 05 00.0S LONG 082 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
159.	13.428	34.938	0.31	13.406	26.263
179.	13.221	34.930	0.24	13.196	26.300
200.	12.960	34.913	0.16	12.933	26.340
230.	12.613	34.898	0.04	12.582	26.398
259.	12.124	34.869	0.07	12.090	26.471
290.	11.620	34.837	0.08	11.583	26.542
329.	10.937	34.796	0.08	10.896	26.636
380.	9.945	34.740	0.07	9.901	26.766
451.	9.283	34.704	0.08	9.233	26.849
599.	7.671	34.626	0.18	7.611	27.038
801.	5.722	34.569	0.71	5.652	27.256
801.	5.723	34.569	0.70	5.653	27.256

CAST EP7-92-DI -095 LAT 05 00.1S LONG 082 30.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	19.543	34.993	5.35	19.543	24.877
9.	19.173	34.976	4.88	19.171	24.960
20.	16.184	35.037	1.82	16.181	25.735
29.	14.960	35.015	0.60	14.956	25.994
39.	14.775	35.008	0.54	14.769	26.029
50.	14.682	35.008	0.44	14.675	26.050
65.	14.383	34.992	0.48	14.373	26.102
79.	14.220	34.978	0.56	14.209	26.127
95.	14.110	34.972	0.55	14.096	26.146
109.	14.054	34.971	0.61	14.038	26.157
125.	13.834	34.964	0.52	13.816	26.199
140.	13.580	34.949	0.36	13.560	26.240

CAST EP7-92-DI -093 LAT 05 00.0S LONG 082 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	18.100	34.933	3.98	18.100	25.197
9.	18.956	34.883	4.52	18.954	24.945
19.	15.368	35.020	0.80	15.365	25.907
29.	14.916	35.016	0.55	14.912	26.004
39.	14.770	35.009	0.69	14.764	26.031
50.	14.660	35.003	0.67	14.653	26.051
66.	14.610	35.001	0.61	14.600	26.061
80.	14.377	34.994	0.34	14.365	26.106
95.	14.085	34.974	0.54	14.071	26.153
110.	13.960	34.967	0.56	13.944	26.174
124.	13.891	34.963	0.45	13.873	26.186
140.	13.709	34.956	0.38	13.689	26.219

CAST EP7-92-DI -096 LAT 12 51.0S LONG 078 36.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
161.	12.976	34.897	0.06	12.954	26.323
180.	12.664	34.890	0.05	12.640	26.380
199.	12.358	34.867	0.06	12.332	26.422
230.	11.877	34.849	0.05	11.847	26.501
259.	11.465	34.826	0.04	11.432	26.561
290.	10.857	34.784	0.03	10.821	26.640
331.	10.359	34.760	0.02	10.320	26.710
378.	9.651	34.713	0.04	9.608	26.794
450.	8.648	34.659	0.04	8.600	26.915
599.	7.327	34.598	0.09	7.268	27.065
800.	5.652	34.541	0.51	5.583	27.242
799.	5.651	34.541	0.54	5.582	27.242

CAST EP7-92-DI -097 LAT 12 51.0S LONG 078 36.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	20.105	35.302	5.51	20.105	24.966
9.	20.115	35.303	5.51	20.113	24.964
19.	19.846	35.298	5.55	19.842	25.032
29.	18.577	35.284	5.42	18.572	25.348
40.	18.027	35.322	5.17	18.020	25.515
51.	17.878	35.362	5.04	17.869	25.583
64.	17.750	35.353	4.88	17.739	25.608
79.	17.200	35.248	4.75	17.187	25.661
94.	15.541	35.009	3.11	15.526	25.863
110.	13.873	34.810	1.30	13.857	26.071
125.	13.674	34.903	0.03	13.656	26.185
140.	13.242	34.903	0.08	13.223	26.273

CAST EP7-92-DI -100 LAT 12 39.0S LONG 078 05.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
161.	12.905	34.907	0.07	12.883	26.345
181.	12.680	34.894	0.08	12.656	26.380
200.	12.409	34.883	0.04	12.382	26.425
230.	11.994	34.854	0.05	11.964	26.483
260.	11.613	34.831	0.05	11.580	26.538
290.	11.149	34.809	0.04	11.113	26.607
330.	10.735	34.781	0.03	10.695	26.660
380.	9.944	34.720	0.03	9.900	26.751
450.	8.853	34.657	0.06	8.804	26.881
599.	7.169	34.567	0.29	7.111	27.063
800.	5.528	34.536	0.60	5.459	27.253
800.	5.528	34.535	0.61	5.459	27.252

CAST EP7-92-DI -098 LAT 12 45.2S LONG 078 21.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
159.	13.100	34.920	0.05	13.078	26.316
182.	12.628	34.874	0.04	12.604	26.375
200.	12.391	34.868	0.07	12.364	26.417
230.	11.915	34.838	0.03	11.885	26.486
260.	11.513	34.816	0.04	11.480	26.545
289.	11.197	34.802	0.03	11.161	26.593
331.	10.624	34.772	0.05	10.584	26.673
378.	9.949	34.733	0.03	9.905	26.760
449.	8.884	34.673	0.05	8.835	26.889
600.	7.057	34.562	0.31	6.999	27.074
799.	5.469	34.524	0.67	5.401	27.251
800.	5.469	34.524	0.69	5.401	27.251

CAST EP7-92-DI -101 LAT 12 39.0S LONG 078 05.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	19.863	35.001	6.34	19.863	24.800
10.	19.560	35.053	6.36	19.558	24.919
19.	18.738	35.125	5.89	18.735	25.185
29.	18.277	35.305	5.26	18.272	25.439
40.	17.924	35.291	5.04	17.917	25.516
50.	17.131	35.238	4.59	17.123	25.669
65.	15.828	35.058	3.98	15.818	25.835
80.	14.757	34.946	1.18	14.745	25.987
95.	14.197	34.945	0.04	14.183	26.107
109.	13.735	34.937	0.05	13.720	26.198
124.	13.420	34.932	0.06	13.403	26.259
141.	13.165	34.916	0.06	13.145	26.299

CAST EP7-92-DI -099 LAT 12 44.9S LONG 078 21.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	19.776	35.284	5.44	19.775	25.039
11.	19.741	35.282	5.46	19.739	25.047
20.	19.342	35.246	5.53	19.338	25.123
29.	18.468	35.308	5.42	18.463	25.394
40.	17.935	35.372	5.06	17.928	25.576
49.	17.812	35.360	4.93	17.804	25.597
63.	17.199	35.241	4.52	17.188	25.655
80.	14.566	34.903	1.98	14.554	25.995
95.	13.832	34.936	0.04	13.818	26.176
111.	13.556	34.946	0.06	13.540	26.242
125.	13.390	34.932	0.06	13.373	26.265
138.	13.290	34.933	0.07	13.271	26.287

CAST EP7-92-DI -102 LAT 12 32.0S LONG 077 49.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
161.	12.705	34.900	0.00	12.683	26.379
180.	12.380	34.880	0.00	12.356	26.428
200.	12.187	34.876	0.00	12.161	26.463
230.	11.964	34.861	0.00	11.934	26.494
260.	11.687	34.846	0.00	11.654	26.536
289.	11.429	34.830	0.00	11.392	26.572
331.	10.762	34.789	0.00	10.722	26.662
378.	10.197	34.749	0.00	10.152	26.730
450.	9.021	34.674	0.00	8.972	26.868
597.	7.024	34.577	0.00	6.967	27.090
800.	5.312	34.537	0.01	5.245	27.280
798.	5.314	34.536	0.02	5.247	27.279

CAST EP7-92-DI -103 LAT 12 32.0S LONG 077 49.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	20.235	35.046	0.13	20.234	24.736
10.	19.930	35.041	0.13	19.928	24.813
20.	17.395	35.092	0.11	17.392	25.492
29.	16.961	35.123	0.09	16.956	25.620
40.	16.727	35.123	0.10	16.720	25.676
50.	16.126	35.052	0.07	16.118	25.761
63.	15.193	34.982	0.04	15.183	25.918
81.	14.412	34.944	0.01	14.400	26.060
95.	13.747	34.928	0.00	13.733	26.188
110.	13.441	34.932	0.00	13.426	26.255
124.	13.210	34.926	0.00	13.193	26.297
140.	12.969	34.912	0.00	12.950	26.335

CAST EP7-92-DI -104 LAT 12 26.8S LONG 077 35.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
159.	12.997	34.919	0.00	12.975	26.336
181.	12.773	34.909	0.00	12.748	26.373
201.	12.646	34.900	0.00	12.619	26.392
229.	12.380	34.885	0.00	12.349	26.433
260.	12.178	34.871	0.00	12.144	26.462
290.	11.429	34.826	0.00	11.392	26.569
329.	10.580	34.772	0.00	10.540	26.681
380.	9.858	34.727	0.00	9.814	26.771
449.	8.705	34.655	0.00	8.657	26.903
500.	8.172	34.629	0.00	8.120	26.965
500.	8.162	34.629	0.00	8.110	26.966
501.	8.161	34.630	0.00	8.109	26.967

CAST EP7-92-DI -105 LAT 12 26.8S LONG 077 35.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	20.402	35.035	0.13	20.402	24.683
8.	20.192	35.041	0.13	20.190	24.744
20.	17.429	35.051	0.11	17.426	25.452
30.	16.770	35.027	0.10	16.765	25.592
40.	16.209	35.109	0.08	16.203	25.786
49.	15.504	35.034	0.03	15.496	25.889
64.	15.004	34.982	0.01	14.994	25.960
79.	14.252	34.935	0.00	14.241	26.087
95.	13.884	34.952	0.00	13.870	26.178
109.	13.702	34.953	0.00	13.687	26.217
126.	13.390	34.938	0.00	13.372	26.270
139.	13.269	34.932	0.00	13.250	26.290

CAST EP7-92-DI -106 LAT 12 20.0S LONG 077 19.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	19.572	35.011	0.12	19.572	24.884
10.	17.539	35.054	0.10	17.537	25.428
19.	16.726	35.073	0.08	16.723	25.637
30.	15.371	35.025	0.02	15.366	25.911
39.	14.993	35.001	0.01	14.987	25.976
49.	14.548	34.980	0.00	14.541	26.057
66.	14.275	34.975	0.00	14.265	26.112
79.	13.558	34.947	0.00	13.547	26.241
95.	13.502	34.944	0.00	13.489	26.251
109.	13.470	34.942	0.00	13.455	26.256
126.	13.238	34.931	0.00	13.221	26.296
139.	13.174	34.926	0.00	13.155	26.305

CAST EP7-92-DI -107 LAT 13 02.6S LONG 081 20.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
159.	13.277	34.924	0.71	13.255	26.283
179.	12.949	34.906	0.71	12.924	26.336
199.	12.518	34.882	0.73	12.491	26.403
230.	12.023	34.855	0.77	11.993	26.478
260.	11.547	34.831	0.85	11.514	26.550
290.	11.254	34.813	0.84	11.218	26.591
330.	10.491	34.751	0.86	10.451	26.680
379.	9.762	34.713	0.82	9.718	26.776
449.	8.818	34.655	1.04	8.769	26.885
600.	6.948	34.555	1.41	6.891	27.083
802.	5.472	34.526	1.78	5.403	27.252
801.	5.474	34.526	1.89	5.405	27.252

CAST EP7-92-DI -108 LAT 13 02.6S LONG 081 20.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	20.922	35.321	5.28	20.922	24.761
9.	20.283	35.355	5.56	20.281	24.959
19.	20.001	35.446	5.42	19.998	25.104
30.	18.709	35.405	5.67	18.704	25.407
40.	18.451	35.401	5.40	18.444	25.470
50.	18.297	35.397	5.40	18.288	25.506
65.	18.153	35.391	5.48	18.142	25.538
79.	17.880	35.368	4.91	17.866	25.588
95.	17.657	35.348	4.82	17.641	25.628
110.	15.546	35.080	2.07	15.529	25.917
123.	14.368	34.948	0.65	14.350	26.073
140.	13.792	34.933	0.69	13.772	26.184

CAST EP7-92-DI -109 LAT 13 14.0S LONG 084 04.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
160.	12.897	34.907	0.60	12.875	26.346
180.	12.601	34.892	0.60	12.577	26.394
201.	12.113	34.869	0.67	12.087	26.471
229.	11.716	34.842	0.72	11.687	26.526
262.	11.283	34.819	0.71	11.250	26.589
291.	10.885	34.790	0.69	10.849	26.640
330.	10.321	34.756	0.71	10.282	26.713
379.	9.748	34.721	0.77	9.704	26.784
450.	8.768	34.661	0.98	8.719	26.898
601.	7.051	34.568	1.06	6.993	27.080
793.	5.636	34.530	1.43	5.567	27.235
795.	5.628	34.531	1.38	5.559	27.237

CAST EP7-92-DI -112 LAT 13 25.7S LONG 086 48.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	20.499	35.609	5.19	20.499	25.095
9.	20.383	35.635	5.30	20.381	25.146
19.	20.322	35.634	5.36	20.318	25.162
29.	20.260	35.632	5.36	20.255	25.178
39.	20.106	35.624	5.27	20.099	25.213
50.	19.678	35.599	5.07	19.669	25.307
64.	19.463	35.596	5.02	19.451	25.362
80.	19.258	35.574	5.07	19.244	25.399
95.	18.789	35.495	4.97	18.772	25.459
110.	18.050	35.365	4.66	18.031	25.545
124.	16.416	35.125	4.06	16.396	25.753
141.	14.271	34.810	3.29	14.250	25.988

CAST EP7-92-DI -110 LAT 13 14.0S LONG 084 04.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	20.138	35.499	5.30	20.138	25.107
9.	20.139	35.500	5.39	20.137	25.108
19.	20.085	35.497	5.39	20.082	25.121
29.	19.863	35.500	5.40	19.858	25.182
40.	19.843	35.499	5.24	19.836	25.187
50.	19.781	35.499	5.32	19.772	25.204
64.	19.530	35.499	5.28	19.518	25.270
79.	19.156	35.547	4.82	19.142	25.404
94.	18.398	35.482	5.12	18.382	25.547
109.	16.635	35.179	3.17	16.617	25.743
124.	14.647	34.956	1.19	14.629	26.020
141.	14.005	34.946	0.58	13.985	26.149

CAST EP7-92-DI -113 LAT 13 32.3S LONG 088 29.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2003.	2.255	34.641	3.84	2.114	27.675
2002.	2.254	34.642	3.87	2.113	27.676
2002.	2.255	34.641	3.86	2.115	27.675
2001.	2.255	34.641	3.84	2.115	27.675
2001.	2.255	34.642	3.80	2.115	27.676
2002.	2.255	34.642	3.83	2.114	27.676
2002.	2.255	34.641	3.87	2.114	27.675
2002.	2.256	34.640	3.87	2.115	27.674
2002.	2.256	34.640	3.83	2.115	27.674
2002.	2.256	34.641	3.86	2.115	27.675
2003.	2.256	34.640	3.86	2.115	27.674
2002.	2.257	34.641	3.87	2.116	27.675

CAST EP7-92-DI -111 LAT 13 25.7S LONG 086 48.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
159.	13.292	34.823	1.07	13.270	26.202
180.	12.824	34.848	0.73	12.800	26.316
199.	12.189	34.817	0.73	12.163	26.416
229.	11.690	34.789	0.68	11.661	26.490
259.	11.238	34.766	0.69	11.206	26.556
289.	10.639	34.742	0.69	10.604	26.646
329.	9.953	34.703	0.72	9.915	26.735
381.	9.417	34.669	0.81	9.374	26.799
448.	8.200	34.611	0.98	8.154	26.946
600.	6.537	34.538	1.30	6.482	27.125
798.	5.230	34.523	1.68	5.163	27.278
798.	5.226	34.524	1.69	5.159	27.279

CAST EP7-92-DI -114 LAT 13 36.9S LONG 089 32.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
161.	13.062	34.871	0.73	13.040	26.286
179.	12.667	34.867	0.71	12.643	26.362
199.	12.276	34.849	0.72	12.250	26.424
229.	11.850	34.829	0.70	11.820	26.491
259.	11.332	34.799	0.71	11.299	26.565
290.	10.829	34.774	0.75	10.794	26.637
329.	10.121	34.719	0.74	10.082	26.719
378.	9.362	34.678	0.79	9.320	26.815
449.	8.349	34.626	0.94	8.302	26.935
600.	6.884	34.556	1.04	6.827	27.093
802.	5.433	34.522	1.44	5.365	27.254
802.	5.434	34.523	1.47	5.366	27.254

CAST EP7-92-DI -115 LAT 13 37.0S LONG 089 32.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	20.530	35.652	5.21	20.530	25.119
10.	20.529	35.652	5.22	20.527	25.120
19.	20.537	35.653	5.09	20.533	25.119
29.	20.519	35.651	5.17	20.513	25.123
40.	20.256	35.620	5.29	20.249	25.170
49.	20.227	35.611	5.28	20.218	25.171
64.	20.180	35.610	5.26	20.168	25.184
80.	19.726	35.518	4.98	19.711	25.234
94.	19.376	35.480	4.78	19.359	25.297
110.	17.743	35.370	3.82	17.724	25.624
125.	15.069	34.945	3.31	15.050	25.919
141.	13.999	34.880	1.34	13.979	26.100

CAST EP7-92-DI -116 LAT 13 48.0S LONG 092 15.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
159.	15.376	35.037	0.84	15.351	25.923
180.	13.945	34.942	0.68	13.919	26.160
199.	13.433	34.947	0.61	13.405	26.270
232.	12.708	34.906	0.59	12.677	26.385
261.	11.984	34.860	0.57	11.950	26.490
285.	11.498	34.824	0.55	11.462	26.554
332.	10.597	34.741	0.58	10.557	26.653
378.	9.864	34.703	0.62	9.820	26.751
453.	8.920	34.657	0.75	8.871	26.871
598.	7.106	34.564	0.97	7.048	27.069
802.	5.490	34.519	1.29	5.421	27.244
803.	5.490	34.519	1.30	5.421	27.244

CAST EP7-92-DI -117 LAT 13 48.0S LONG 092 15.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	21.728	35.608	5.04	21.727	24.758
10.	21.714	35.621	5.07	21.712	24.772
20.	21.661	35.621	4.90	21.657	24.787
30.	21.606	35.619	5.00	21.600	24.801
41.	21.590	35.619	5.07	21.582	24.806
50.	21.528	35.618	5.11	21.518	24.823
64.	20.397	35.667	5.14	20.385	25.169
80.	19.889	35.707	5.09	19.874	25.336
96.	19.527	35.663	5.14	19.510	25.398
109.	19.407	35.639	4.99	19.387	25.411
124.	19.070	35.572	4.89	19.048	25.447
140.	18.005	35.368	4.36	17.981	25.560

CAST EP7-92-DI -118 LAT 14 00.0S LONG 094 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
160.	17.141	35.206	4.11	17.114	25.646
179.	15.664	35.011	3.91	15.636	25.840
200.	14.093	34.814	3.16	14.064	26.031
229.	12.498	34.773	0.81	12.467	26.323
260.	11.834	34.772	0.64	11.800	26.450
290.	11.219	34.756	0.58	11.183	26.553
329.	10.469	34.727	0.61	10.430	26.665
379.	9.714	34.687	0.67	9.671	26.764
448.	8.627	34.635	0.87	8.579	26.899
600.	7.068	34.554	1.33	7.010	27.066
800.	5.365	34.515	1.47	5.297	27.256
800.	5.362	34.514	1.45	5.294	27.256

CAST EP7-92-DI -119 LAT 14 00.0S LONG 094 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	21.721	35.814	5.04	21.721	24.916
10.	21.712	35.810	4.93	21.710	24.916
20.	21.723	35.810	4.97	21.719	24.914
30.	21.720	35.809	4.90	21.714	24.914
41.	21.727	35.810	4.90	21.719	24.914
50.	21.726	35.811	5.01	21.716	24.915
65.	21.230	35.858	5.14	21.217	25.089
79.	20.935	35.829	4.97	20.920	25.148
94.	20.808	35.824	4.98	20.790	25.180
110.	19.874	35.669	4.50	19.854	25.312
125.	18.744	35.455	4.32	18.722	25.441
140.	18.114	35.354	4.03	18.090	25.522

CAST EP7-92-DI -121 LAT 11 55.1S LONG 095 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
160.	14.305	34.937	1.56	14.282	26.080
180.	13.274	34.837	1.06	13.249	26.217
199.	12.617	34.811	0.64	12.590	26.328
230.	11.973	34.811	0.61	11.943	26.454
260.	11.200	34.777	0.78	11.168	26.572
290.	10.614	34.753	0.62	10.579	26.659
330.	10.171	34.746	0.98	10.132	26.731
380.	9.630	34.716	1.06	9.587	26.800
450.	8.966	34.677	0.98	8.917	26.879
607.	7.303	34.584	1.09	7.243	27.057
807.	5.719	34.526	1.68	5.648	27.222
804.	5.741	34.526	1.65	5.671	27.220

CAST EP7-92-DI -122 LAT 11 55.1S LONG 095 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	21.972	35.701	5.01	21.972	24.760
9.	21.971	35.701	4.85	21.969	24.761
20.	21.851	35.688	5.06	21.847	24.785
29.	21.767	35.680	4.95	21.761	24.803
40.	21.153	35.678	4.99	21.145	24.972
50.	21.675	35.673	5.04	21.665	24.824
64.	21.087	35.770	4.97	21.075	25.061
80.	20.365	35.746	4.68	20.350	25.239
94.	20.138	35.707	4.89	20.120	25.270
109.	19.888	35.664	4.80	19.868	25.305
124.	18.198	35.377	4.14	18.177	25.518
141.	16.336	35.120	3.17	16.313	25.769

CAST EP7-92-DI -125 LAT 08 00.1S LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
160.	12.536	34.908	0.71	12.515	26.419
179.	12.363	34.895	0.76	12.339	26.443
199.	12.063	34.877	0.76	12.037	26.487
229.	11.789	34.859	0.77	11.759	26.526
258.	11.516	34.842	0.73	11.483	26.564
290.	11.125	34.818	0.68	11.089	26.618
330.	10.734	34.792	0.65	10.694	26.669
380.	10.130	34.686	0.65	10.085	26.693
454.	9.028	34.753	0.65	8.978	26.929
598.	6.985	34.589	0.68	6.928	27.105
796.	5.473	34.547	1.37	5.405	27.268
799.	5.440	34.540	1.45	5.372	27.267

CAST EP7-92-DI -123 LAT 10 00.2S LONG 094 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
159.	13.636	34.965	0.62	13.613	26.241
179.	12.909	34.929	0.68	12.885	26.362
201.	12.541	34.906	0.72	12.514	26.417
230.	13.131	34.881	0.79	13.099	26.281
260.	11.847	34.862	0.75	11.813	26.518
293.	11.545	34.841	0.71	11.508	26.559
328.	11.176	34.819	0.76	11.135	26.611
378.	10.603	34.781	0.67	10.557	26.685
448.	9.540	34.712	0.67	9.489	26.813
599.	7.516	34.597	0.72	7.456	27.037
803.	5.564	34.539	1.22	5.495	27.251
803.	5.564	34.539	1.21	5.495	27.251

CAST EP7-92-DI -126 LAT 08 00.1S LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	22.988	35.351	4.77	22.986	24.205
20.	22.841	35.349	4.81	22.837	24.247
30.	22.818	35.349	4.91	22.812	24.254
40.	22.807	35.348	4.90	22.799	24.257
49.	22.786	35.352	4.98	22.776	24.267
63.	22.153	35.413	4.92	22.140	24.494
79.	19.995	35.372	3.34	19.980	25.052
94.	17.100	35.220	1.78	17.084	25.664
110.	14.784	35.041	0.56	14.768	26.055
124.	14.039	34.978	0.52	14.021	26.166
141.	13.374	34.946	0.53	13.354	26.280

CAST EP7-92-DI -124 LAT 10 00.2S LONG 094 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	22.496	35.578	4.99	22.495	24.518
10.	22.493	35.579	4.91	22.491	24.520
20.	22.499	35.578	4.85	22.495	24.519
30.	22.503	35.579	4.80	22.497	24.519
40.	22.458	35.574	4.89	22.450	24.528
50.	22.322	35.562	4.84	22.312	24.558
64.	22.179	35.558	4.83	22.166	24.597
78.	19.654	35.543	4.32	19.640	25.272
94.	17.905	35.340	3.32	17.889	25.561
110.	16.202	35.146	2.15	16.185	25.818
125.	14.858	35.026	1.07	14.839	26.028
141.	13.771	34.956	0.53	13.751	26.206

CAST EP7-92-DI -127 LAT 06 00.1S LONG 095 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
158.	12.899	34.940	1.17	12.877	26.372
179.	12.624	34.915	1.17	12.600	26.407
200.	12.459	34.901	1.04	12.432	26.429
229.	12.132	34.878	0.88	12.102	26.475
260.	11.828	34.859	0.82	11.794	26.519
290.	11.653	34.849	0.96	11.616	26.545
329.	11.206	34.822	0.79	11.165	26.607
379.	10.509	34.776	0.58	10.463	26.697
448.	9.095	34.694	0.56	9.045	26.872
597.	7.074	34.594	0.80	7.016	27.097
811.	5.409	34.551	1.59	5.340	27.279
805.	5.441	34.551	1.50	5.372	27.276

CAST EP7-92-DI -128 LAT 05 59.9S LONG 095 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	22.407	34.710	4.94	22.407	23.885
9.	22.408	34.709	4.94	22.406	23.884
20.	22.407	34.709	5.02	22.403	23.885
30.	22.415	34.724	4.99	22.409	23.895
39.	22.858	35.308	4.92	22.850	24.212
48.	22.564	35.384	5.01	22.554	24.354
64.	20.787	35.379	3.85	20.775	24.845
79.	17.733	35.266	2.26	17.720	25.546
94.	15.351	35.098	1.26	15.337	25.974
112.	14.268	35.038	1.12	14.252	26.164
121.	13.972	35.025	1.11	13.955	26.217
141.	13.259	34.973	1.06	13.239	26.324

CAST EP7-92-DI -131 LAT 04 00.0S LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
161.	13.483	34.948	0.92	13.460	26.260
179.	13.214	34.935	0.73	13.189	26.305
200.	13.103	34.931	0.85	13.075	26.325
231.	12.782	34.920	0.85	12.751	26.381
260.	12.366	34.876	0.84	12.331	26.429
291.	12.080	34.891	0.95	12.042	26.497
328.	11.369	34.830	0.69	11.328	26.584
379.	10.102	34.672	0.62	10.057	26.686
449.	8.679	34.751	0.70	8.631	26.982
600.	6.982	34.586	1.49	6.925	27.103
798.	5.570	34.555	1.83	5.501	27.263
797.	5.570	34.556	1.82	5.501	27.264

CAST EP7-92-DI -129 LAT 05 00.0S LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
160.	13.193	34.952	1.00	13.171	26.322
179.	12.900	34.921	0.86	12.876	26.357
200.	12.766	34.912	0.93	12.739	26.377
230.	12.507	34.896	0.98	12.476	26.417
258.	12.229	34.861	0.88	12.195	26.444
289.	11.847	34.828	1.02	11.809	26.492
329.	11.330	34.883	0.78	11.288	26.632
379.	10.300	34.761	0.63	10.255	26.722
450.	8.796	34.674	0.67	8.747	26.903
601.	6.878	34.584	1.23	6.821	27.116
802.	5.502	34.545	2.14	5.433	27.264
802.	5.510	34.546	2.15	5.441	27.263

CAST EP7-92-DI -132 LAT 04 00.0S LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	22.338	34.768	5.08	22.337	23.948
9.	22.303	34.766	5.22	22.301	23.957
18.	22.138	34.762	5.17	22.134	24.001
28.	21.426	34.743	4.62	21.421	24.185
40.	18.473	34.993	3.40	18.466	25.152
50.	17.457	35.055	2.48	17.449	25.450
65.	15.478	35.072	1.57	15.468	25.924
80.	14.843	35.038	1.52	14.831	26.039
95.	14.585	35.023	1.44	14.571	26.084
109.	14.342	35.008	1.36	14.326	26.125
124.	14.045	34.987	1.15	14.027	26.172
139.	13.773	34.967	0.98	13.753	26.214

CAST EP7-92-DI -130 LAT 05 00.0S LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	22.219	34.719	5.01	22.219	23.944
10.	22.214	34.718	4.99	22.212	23.946
20.	22.215	34.717	4.91	22.211	23.945
30.	22.216	34.716	4.99	22.210	23.945
40.	21.937	34.703	4.96	21.929	24.013
50.	21.028	34.717	4.66	21.019	24.275
64.	20.084	34.902	4.04	20.072	24.669
80.	17.337	35.109	2.01	17.324	25.521
94.	16.429	35.104	1.73	16.414	25.733
110.	14.542	35.027	1.43	14.526	26.097
125.	14.102	34.996	1.44	14.084	26.167
140.	13.767	34.972	1.14	13.747	26.219

CAST EP7-92-DI -133 LAT 03 00.1S LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
159.	13.134	34.929	2.33	13.112	26.316
179.	13.013	34.918	2.20	12.988	26.332
200.	12.938	34.910	2.09	12.911	26.342
228.	12.889	34.906	2.01	12.858	26.349
259.	12.730	34.900	1.52	12.695	26.377
289.	12.594	34.891	1.42	12.555	26.397
328.	12.085	34.866	0.75	12.042	26.478
379.	10.828	34.800	0.72	10.781	26.660
450.	9.399	34.709	0.75	9.348	26.834
600.	7.428	34.609	1.23	7.369	27.059
800.	5.857	34.562	1.82	5.786	27.234
801.	5.854	34.563	1.82	5.783	27.235

CAST EP7-92-DI -134 LAT 03 00.1S LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	21.776	34.708	4.85	21.775	24.060
9.	21.756	34.713	4.94	21.754	24.070
19.	21.571	34.781	4.75	21.567	24.173
29.	20.503	34.959	4.30	20.498	24.600
41.	17.091	35.035	2.99	17.084	25.522
50.	16.789	35.055	2.68	16.781	25.609
64.	15.223	35.064	2.24	15.213	25.975
80.	14.372	35.030	2.24	14.360	26.135
94.	13.627	34.963	2.03	13.614	26.240
110.	13.492	34.953	2.49	13.477	26.260
124.	13.360	34.936	2.13	13.343	26.275
140.	13.221	34.934	2.29	13.202	26.302

CAST EP7-92-DI -137 LAT 01 00.2S LONG 094 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
158.	13.226	34.935	2.50	13.204	26.302
179.	13.197	34.932	2.45	13.172	26.306
200.	13.187	34.930	2.44	13.159	26.307
229.	12.698	34.894	1.41	12.667	26.378
259.	12.486	34.881	1.27	12.451	26.410
288.	11.439	34.817	0.77	11.403	26.560
328.	10.914	34.784	0.72	10.874	26.631
380.	9.830	34.725	0.80	9.786	26.774
449.	8.821	34.669	1.00	8.772	26.895
600.	7.407	34.604	1.38	7.348	27.058
799.	5.600	34.552	1.99	5.531	27.257
799.	5.608	34.555	1.98	5.539	27.259

CAST EP7-92-DI -135 LAT 02 00.0S LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
160.	13.149	34.924	2.07	13.127	26.309
180.	13.047	34.918	1.53	13.022	26.326
200.	12.906	34.911	1.39	12.879	26.349
230.	12.748	34.899	1.50	12.717	26.372
260.	12.588	34.782	1.46	12.553	26.313
287.	12.182	34.888	0.85	12.144	26.475
328.	10.800	34.869	0.78	10.760	26.717
379.	9.922	34.731	1.07	9.878	26.763
449.	8.691	34.663	1.42	8.643	26.911
599.	7.223	34.592	1.64	7.165	27.075
800.	5.688	34.558	1.91	5.618	27.251
800.	5.690	34.559	1.88	5.620	27.252

CAST EP7-92-DI -138 LAT 01 00.2S LONG 094 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	22.180	34.382	4.74	22.179	23.700
10.	21.342	34.610	4.79	21.340	24.106
19.	21.367	34.839	4.90	21.363	24.273
29.	19.649	34.894	4.06	19.644	24.775
39.	17.825	34.924	3.28	17.818	25.260
49.	16.340	34.965	2.89	16.332	25.645
64.	16.440	35.040	2.78	16.430	25.680
80.	16.070	35.186	2.42	16.057	25.878
93.	15.049	35.092	2.64	15.035	26.036
108.	14.797	35.060	2.76	14.781	26.067
123.	14.447	35.033	2.77	14.429	26.122
142.	13.976	35.011	2.53	13.956	26.206

CAST EP7-92-DI -136 LAT 02 00.0S LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	21.535	34.941	4.78	21.534	24.304
9.	21.450	34.939	4.69	21.448	24.326
20.	21.360	34.939	4.59	21.356	24.352
30.	21.022	34.939	4.45	21.016	24.444
40.	19.926	34.991	4.05	19.919	24.778
49.	19.008	35.084	3.36	18.999	25.087
64.	16.592	35.066	2.37	16.582	25.665
80.	14.773	35.021	1.99	14.761	26.041
95.	14.180	35.001	1.96	14.166	26.154
110.	13.905	34.991	2.05	13.889	26.204
126.	13.462	34.958	2.31	13.444	26.271
140.	13.314	34.939	2.33	13.294	26.287

CAST EP7-92-DI -139 LAT 00 00.0N LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
158.	13.395	34.941	2.65	13.373	26.272
178.	13.262	34.932	2.50	13.237	26.293
201.	13.197	34.930	2.45	13.169	26.305
231.	13.177	34.927	2.33	13.145	26.308
261.	12.951	34.911	2.02	12.915	26.342
288.	11.919	34.844	0.94	11.882	26.491
330.	11.275	34.802	0.80	11.234	26.579
379.	9.999	34.737	0.77	9.955	26.755
450.	9.349	34.698	0.79	9.298	26.834
603.	7.497	34.610	1.31	7.437	27.050
794.	6.001	34.573	1.63	5.930	27.224
797.	5.987	34.573	1.63	5.916	27.226

CAST EP7-92-DI -140 LAT 00 00.1N LONG 095 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	22.643	34.239	5.05	22.643	23.460
8.	22.650	34.239	5.03	22.648	23.459
19.	19.894	34.655	4.18	19.891	24.529
28.	19.501	34.814	4.06	19.496	24.753
40.	16.307	34.814	2.94	16.301	25.536
50.	15.184	34.926	2.37	15.176	25.877
65.	14.680	34.946	2.06	14.670	26.003
80.	14.350	34.965	1.92	14.338	26.089
94.	13.933	34.938	2.32	13.919	26.157
110.	13.641	34.931	2.65	13.625	26.213
124.	13.550	34.937	2.69	13.532	26.236
139.	13.505	34.958	2.54	13.485	26.262

CAST EP7-92-DI -143 LAT 01 59.9N LONG 095 00.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
160.	13.636	34.928	1.43	13.613	26.213
160.	13.635	34.927	1.43	13.612	26.212
199.	13.448	34.914	1.25	13.420	26.242
231.	12.885	34.878	1.02	12.853	26.328
260.	12.482	34.848	0.77	12.447	26.385
288.	11.610	34.802	0.94	11.573	26.516
329.	10.763	34.758	0.64	10.723	26.637
379.	9.863	34.711	0.52	9.819	26.757
451.	8.440	34.646	0.75	8.392	26.937
600.	7.415	34.608	0.85	7.356	27.060
801.	5.615	34.567	1.57	5.546	27.267
801.	5.612	34.568	1.58	5.543	27.268

CAST EP7-92-DI -141 LAT 01 00.1N LONG 095 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
160.	13.190	34.927	2.40	13.168	26.303
179.	13.080	34.920	2.29	13.055	26.320
200.	13.068	34.919	2.26	13.040	26.323
228.	12.947	34.909	2.05	12.916	26.340
261.	12.709	34.892	1.56	12.674	26.375
291.	11.777	34.822	1.01	11.739	26.501
326.	10.959	34.784	0.71	10.919	26.622
380.	10.008	34.734	0.66	9.964	26.751
450.	9.108	34.683	0.78	9.058	26.861
598.	7.351	34.605	1.14	7.292	27.067
803.	5.673	34.569	1.62	5.603	27.262
801.	5.685	34.569	1.62	5.615	27.260

CAST EP7-92-DI -144 LAT 01 59.9N LONG 095 00.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	25.633	33.424	4.41	25.632	21.960
10.	25.636	33.423	4.39	25.634	21.959
19.	25.643	33.423	4.43	25.639	21.957
30.	25.619	33.422	4.52	25.612	21.965
38.	25.591	33.422	4.61	25.583	21.974
48.	22.369	34.106	3.75	22.359	23.439
64.	16.652	34.960	1.99	16.642	25.569
80.	15.821	34.969	2.59	15.809	25.768
95.	15.415	34.943	2.35	15.400	25.840
110.	14.956	34.943	2.21	14.940	25.942
124.	14.439	34.957	1.73	14.421	26.065
141.	13.972	34.947	1.44	13.952	26.157

CAST EP7-92-DI -142 LAT 01 00.0N LONG 095 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	23.224	34.071	4.90	23.224	23.166
10.	23.206	34.067	4.96	23.204	23.169
20.	23.186	34.071	5.01	23.182	23.178
28.	23.180	34.068	5.09	23.174	23.178
39.	20.324	34.503	4.04	20.317	24.300
48.	18.743	34.786	3.53	18.735	24.926
64.	16.446	34.938	2.93	16.436	25.600
79.	14.884	34.965	2.24	14.872	25.974
94.	14.504	34.965	1.85	14.490	26.057
109.	14.117	34.954	1.76	14.101	26.131
124.	13.918	34.948	1.70	13.900	26.169
140.	13.853	34.948	1.74	13.833	26.183

CAST EP7-92-DI -145 LAT 02 59.6N LONG 095 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
158.	14.027	34.942	1.94	14.004	26.142
178.	13.546	34.933	1.74	13.521	26.236
201.	13.330	34.922	1.52	13.302	26.272
230.	13.110	34.909	1.29	13.078	26.307
259.	12.815	34.883	0.99	12.780	26.347
290.	12.246	34.840	0.66	12.208	26.426
329.	11.195	34.769	0.41	11.154	26.568
379.	9.518	34.686	0.37	9.475	26.795
451.	8.134	34.630	0.55	8.087	26.970
598.	7.182	34.604	0.58	7.124	27.090
799.	5.856	34.563	0.99	5.785	27.235
800.	5.852	34.563	0.98	5.781	27.235

CAST EP7-92-DI -146 LAT 03 00.0N LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	26.241	33.487	4.28	26.241	21.820
9.	26.241	33.485	4.32	26.239	21.818
20.	26.243	33.483	4.37	26.239	21.817
30.	26.239	33.485	4.49	26.232	21.821
39.	26.241	33.484	4.31	26.232	21.820
48.	26.107	33.515	4.31	26.096	21.885
65.	17.287	34.887	2.16	17.276	25.363
80.	16.479	34.950	2.79	16.466	25.602
94.	16.115	34.954	2.70	16.100	25.690
110.	15.316	34.954	2.33	15.299	25.871
124.	15.047	34.992	1.95	15.028	25.960
140.	14.717	34.994	2.08	14.696	26.034