NOAA Data Report ERL PMEL-60

CTD MEASUREMENTS DURING 1993 AND 1994 AS PART OF THE EQUATORIAL PACIFIC OCEAN CLIMATE STUDIES (EPOCS)

VOLUME II

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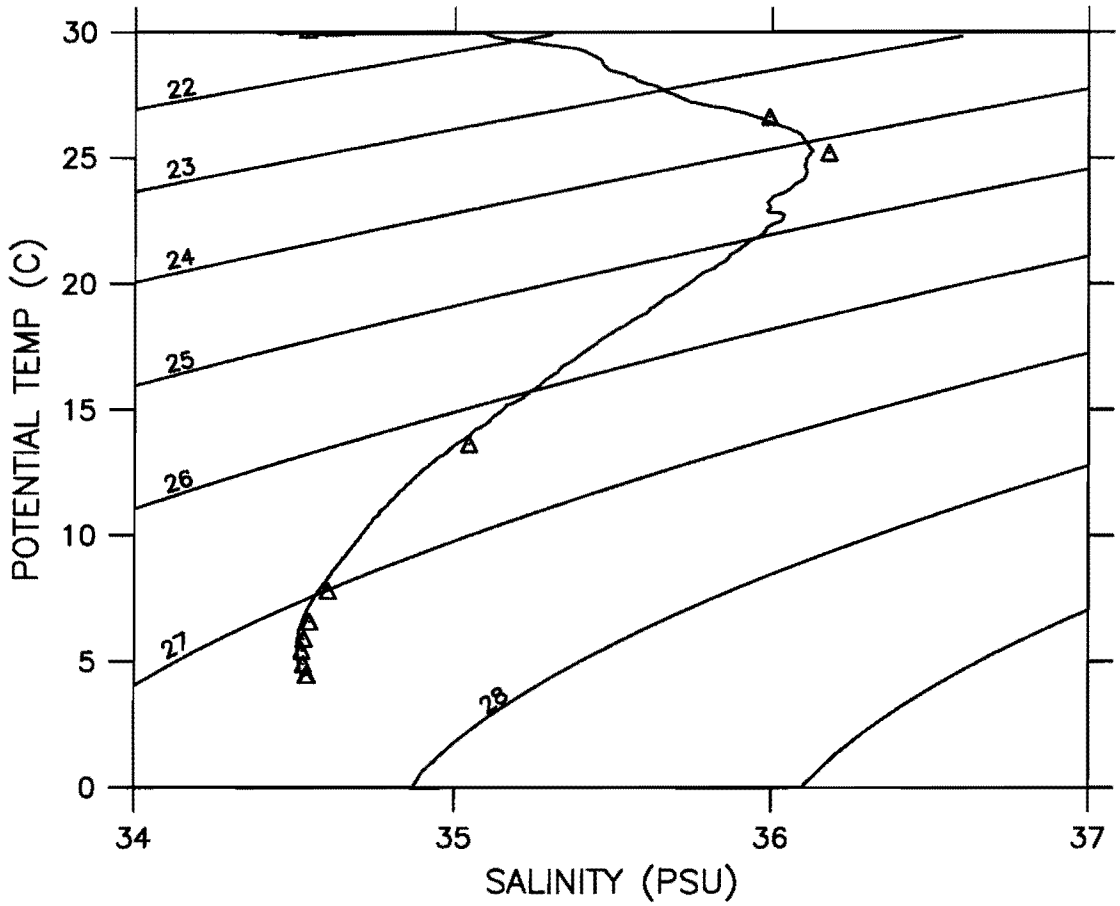
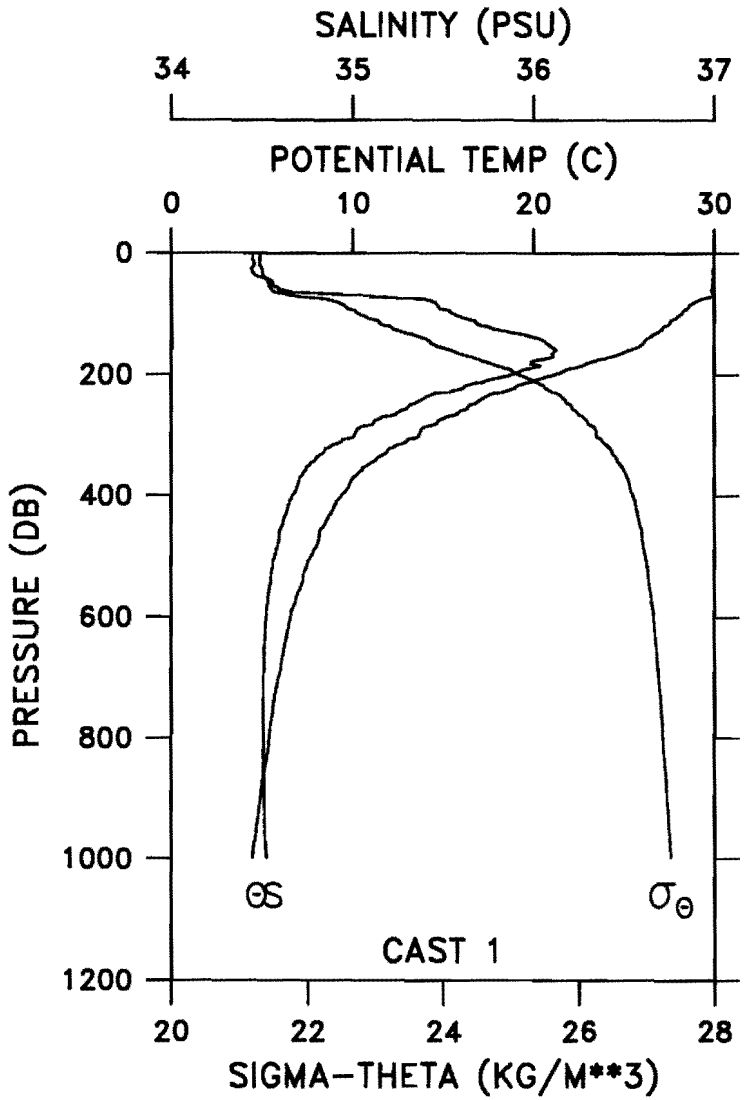
EP6-93-DI
November 18-December 3, 1993
CTD and Hydrographic Data Summary

CAST EP6-93-DI -001 DATE 21 NOV 93 TIME 1217 GMT

LAT 07 59.0S LONG 179 56.3W



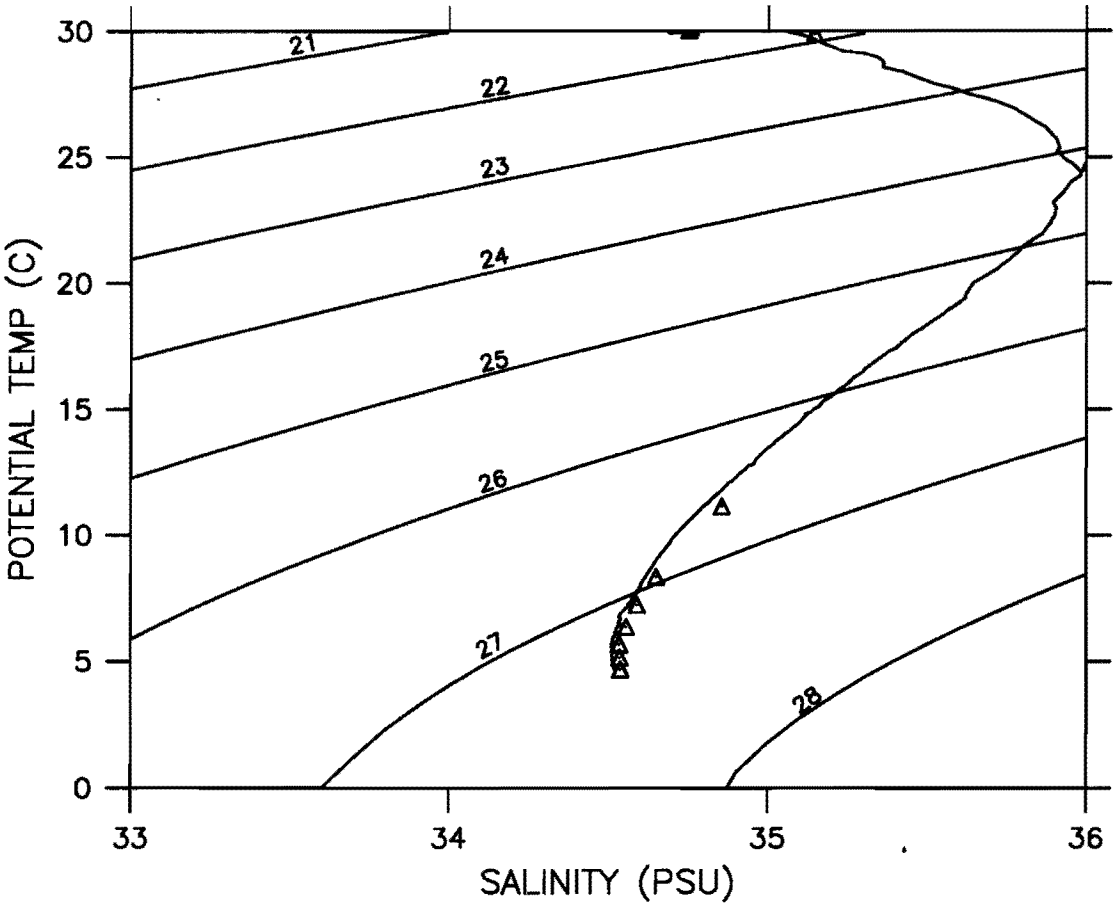


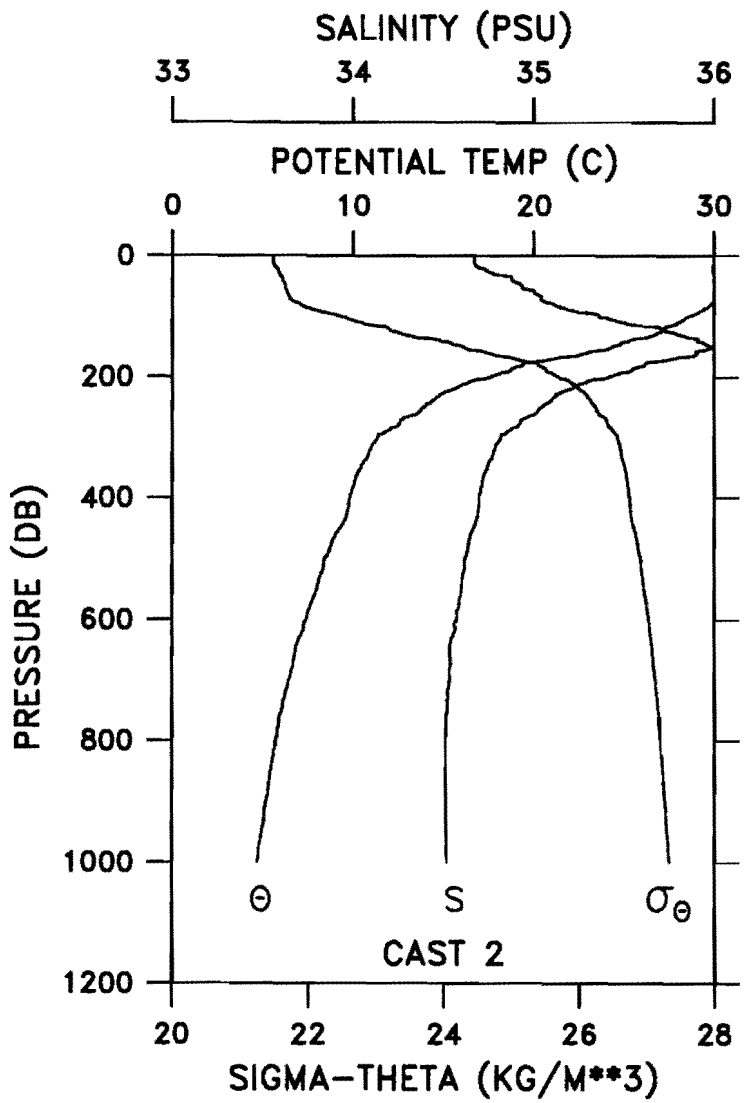
CAST EP6-93-DI -001 DATE 21 NOV 93 TIME 1217 GMT
LAT 07 59.0S LONG 179 56.3W WEATHER 2 SEA STATE 1
BAROMETER 09 WIND DIR 330 T SPD 07 KT VISIBILITY 7
CLOUD 9 AMOUNT 9 DRY 29.0 WET 25.2 DEPTH 5533 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.043	34.447	21.300	0.000
10	30.040	34.447	21.301	0.065
20	30.061	34.457	21.301	0.130
30	29.928	34.446	21.338	0.194
40	29.957	34.493	21.363	0.259
50	29.921	34.555	21.422	0.323
60	29.864	34.598	21.474	0.387
70	29.979	35.082	21.798	0.449
80	28.962	35.446	22.414	0.506
90	28.523	35.478	22.584	0.560
100	28.189	35.559	22.755	0.612
110	27.656	35.659	23.004	0.662
120	27.201	35.743	23.215	0.711
130	26.889	35.874	23.414	0.757
140	26.257	36.027	23.730	0.801
150	25.991	36.083	23.855	0.842
160	25.195	36.122	24.131	0.882
170	24.289	36.105	24.394	0.920
180	23.028	35.996	24.683	0.954
190	22.004	35.974	24.958	0.987
200	21.172	35.869	25.110	1.017
250	16.458	35.318	25.887	1.142
300	13.684	35.011	26.262	1.242
350	10.800	34.760	26.625	1.324
400	9.358	34.667	26.800	1.394
450	8.415	34.609	26.904	1.457
500	7.706	34.569	26.979	1.517
550	7.140	34.543	27.039	1.573
600	6.565	34.523	27.102	1.627
650	6.219	34.512	27.139	1.678
700	5.892	34.509	27.178	1.728
750	5.601	34.507	27.213	1.776
800	5.397	34.507	27.238	1.823
900	4.909	34.512	27.299	1.913
1000	4.471	34.523	27.357	1.998
1001	4.468	34.523	27.357	1.999

CAST EP6-93-DI -002 DATE 22 NOV 93 TIME 0230 GMT

LAT 04 57.8S LONG 179 53.6W



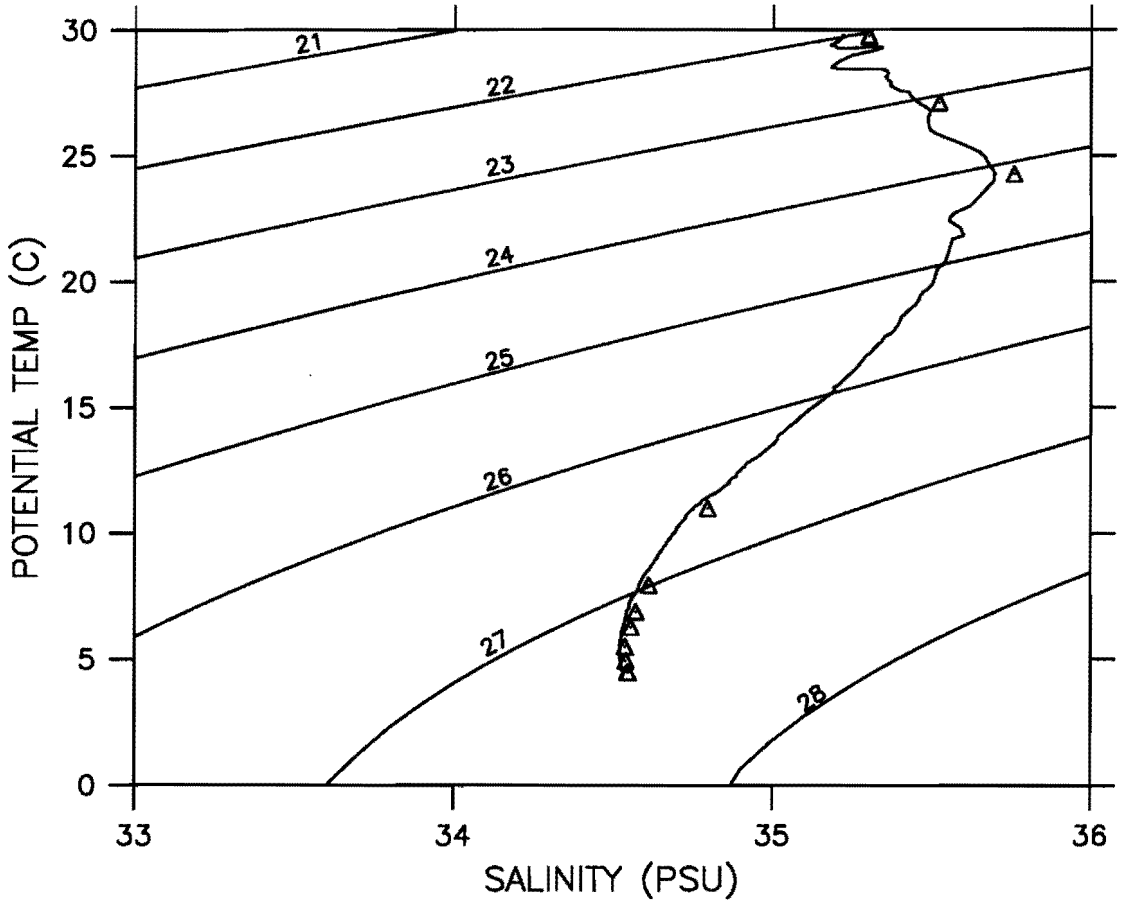


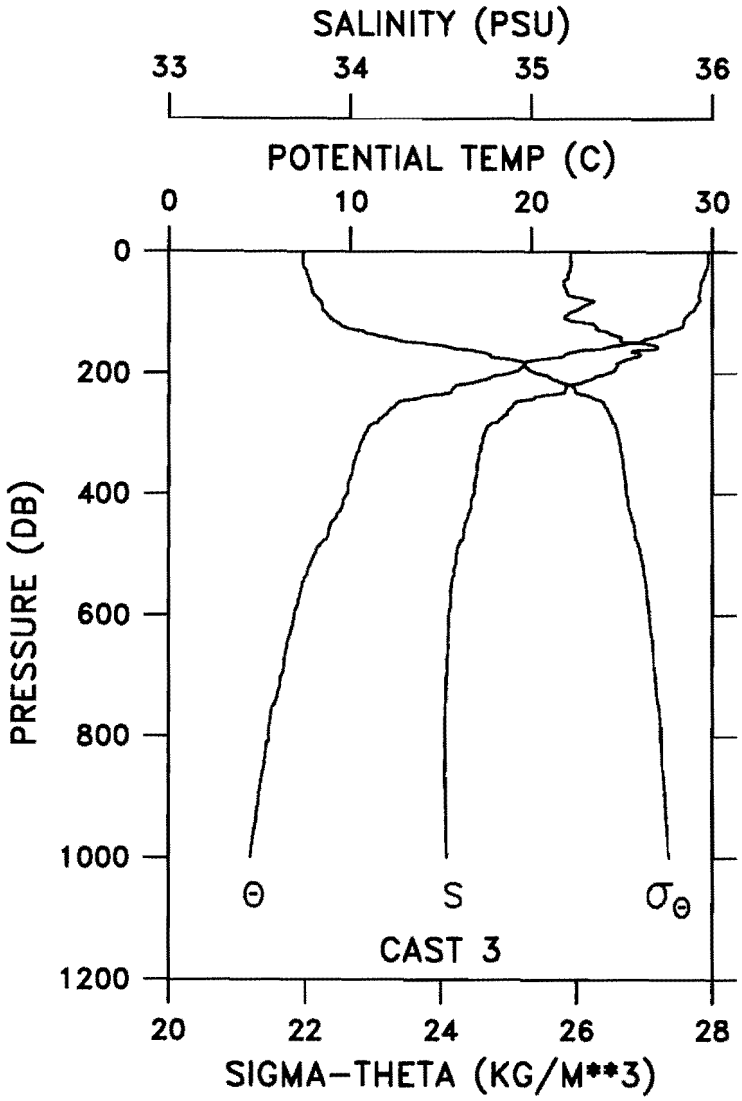
CAST EP6-93-DI -002 DATE 22 NOV 93 TIME 0230 GMT
LAT 04 57.8S LONG 179 53.6W WEATHER 1 SEA STATE 1
BAROMETER 07 WIND DIR 035 T SPD 04 KT VISIBILITY 7
CLOUD 8 AMOUNT 5 DRY 31.3 WET 26.5 DEPTH 5620 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.013	34.669	21.476	0.000
10	30.010	34.669	21.477	0.063
20	29.905	34.689	21.528	0.126
30	29.955	34.775	21.576	0.189
40	30.038	34.878	21.624	0.251
50	30.064	34.934	21.657	0.312
60	30.123	35.001	21.688	0.374
70	30.095	35.043	21.728	0.435
80	29.807	35.111	21.877	0.496
90	29.332	35.205	22.109	0.554
100	28.547	35.360	22.487	0.610
110	28.021	35.496	22.763	0.663
120	27.218	35.706	23.182	0.712
130	26.667	35.806	23.433	0.759
140	25.241	35.908	23.956	0.801
150	24.356	35.982	24.280	0.840
160	22.968	35.906	24.632	0.875
170	21.098	35.773	25.057	0.907
180	19.373	35.615	25.397	0.935
190	18.662	35.537	25.519	0.960
200	17.636	35.419	25.683	0.985
250	13.884	35.042	26.245	1.087
300	11.353	34.818	26.569	1.171
350	10.447	34.742	26.673	1.245
400	9.800	34.695	26.748	1.315
450	9.252	34.663	26.814	1.383
500	8.408	34.616	26.911	1.447
550	7.982	34.598	26.961	1.508
600	7.375	34.570	27.028	1.565
650	6.795	34.533	27.080	1.620
700	6.415	34.532	27.129	1.673
750	6.043	34.520	27.168	1.724
800	5.690	34.509	27.204	1.773
900	5.173	34.511	27.267	1.867
1000	4.680	34.518	27.330	1.955
1000	4.680	34.518	27.330	1.955

CAST EP6-93-DI -003 DATE 22 NOV 93 TIME 1613 GMT

LAT 01 58.2S LONG 179 51.4W



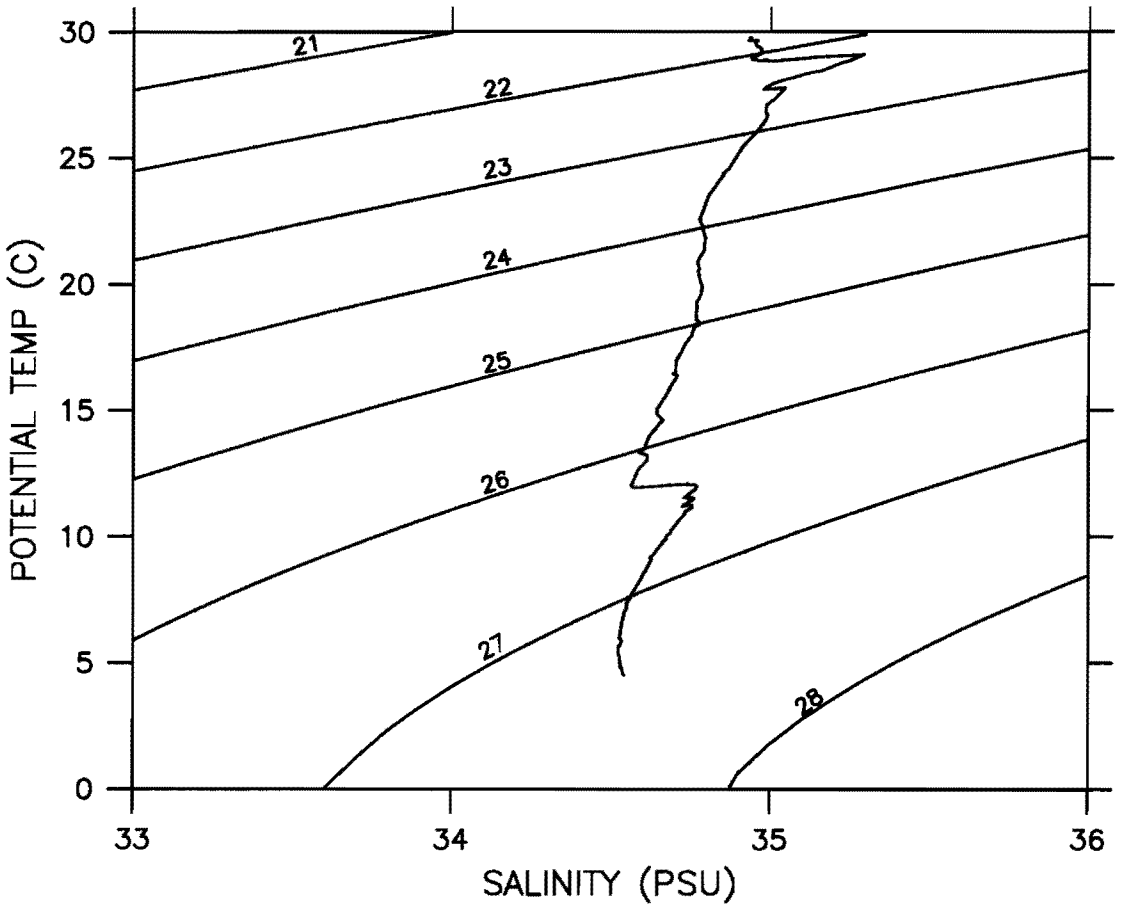


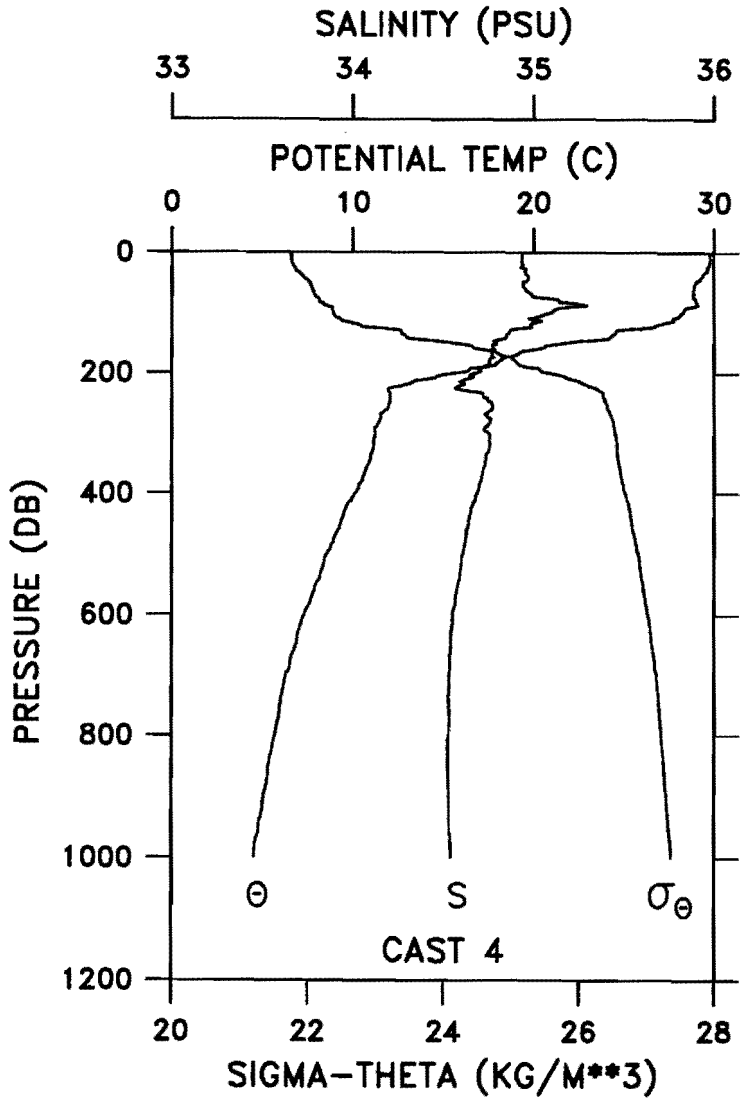
CAST EP6-93-DI -003 DATE 22 NOV 93 TIME 1613 GMT
LAT 01 58.2S LONG 179 51.4W WEATHER 1 SEA STATE 2
BAROMETER 79 WIND DIR 106 T SPD 03 KT VISIBILITY 9
CLOUD 7 AMOUNT 2 DRY 27.9 WET 24.4 DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.771	35.219	21.970	0.000
10	29.769	35.219	21.971	0.058
20	29.770	35.218	21.970	0.117
30	29.642	35.214	22.011	0.175
40	29.532	35.201	22.038	0.233
50	29.397	35.181	22.069	0.291
60	29.356	35.186	22.087	0.349
70	29.270	35.202	22.128	0.406
80	29.312	35.338	22.215	0.463
90	29.074	35.282	22.253	0.519
100	28.749	35.208	22.306	0.575
110	28.490	35.190	22.378	0.631
120	28.414	35.349	22.523	0.685
130	27.563	35.403	22.843	0.738
140	26.809	35.495	23.154	0.787
150	25.404	35.609	23.680	0.833
160	23.782	35.682	24.224	0.873
170	21.828	35.602	24.725	0.907
180	19.904	35.505	25.173	0.938
190	19.507	35.470	25.251	0.966
200	18.708	35.417	25.415	0.993
250	12.624	34.909	26.398	1.100
300	10.837	34.741	26.603	1.179
350	10.189	34.700	26.686	1.252
400	9.820	34.683	26.735	1.322
450	8.910	34.633	26.846	1.390
500	7.983	34.584	26.950	1.452
550	7.333	34.558	27.024	1.510
600	6.893	34.544	27.075	1.565
650	6.480	34.539	27.127	1.617
700	6.170	34.532	27.161	1.668
750	5.726	34.525	27.212	1.717
800	5.484	34.523	27.240	1.764
900	4.944	34.525	27.306	1.854
1000	4.489	34.534	27.363	1.938
1006	4.468	34.535	27.366	1.943

CAST EP6-93-DI -004 DATE 27 NOV 93 TIME 1446 GMT

LAT 01 59.9N LONG 179 52.1W



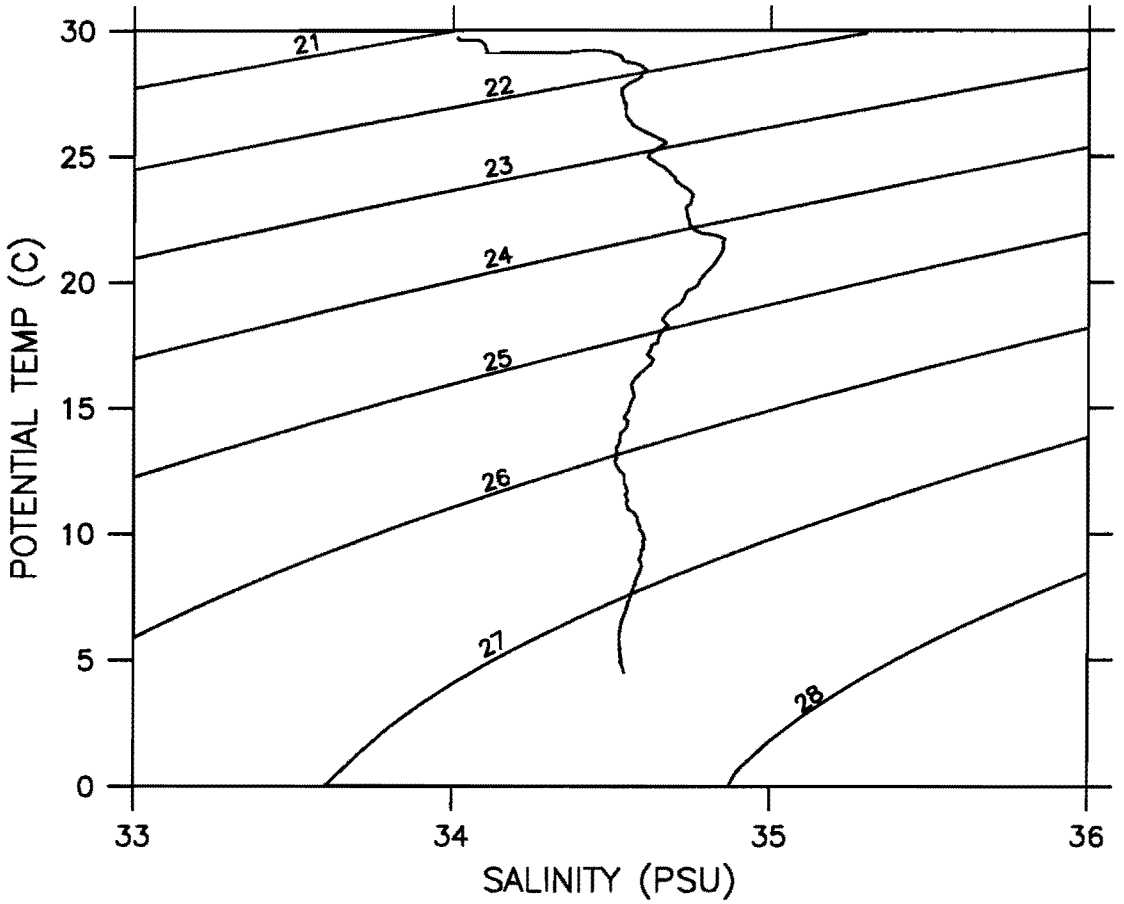


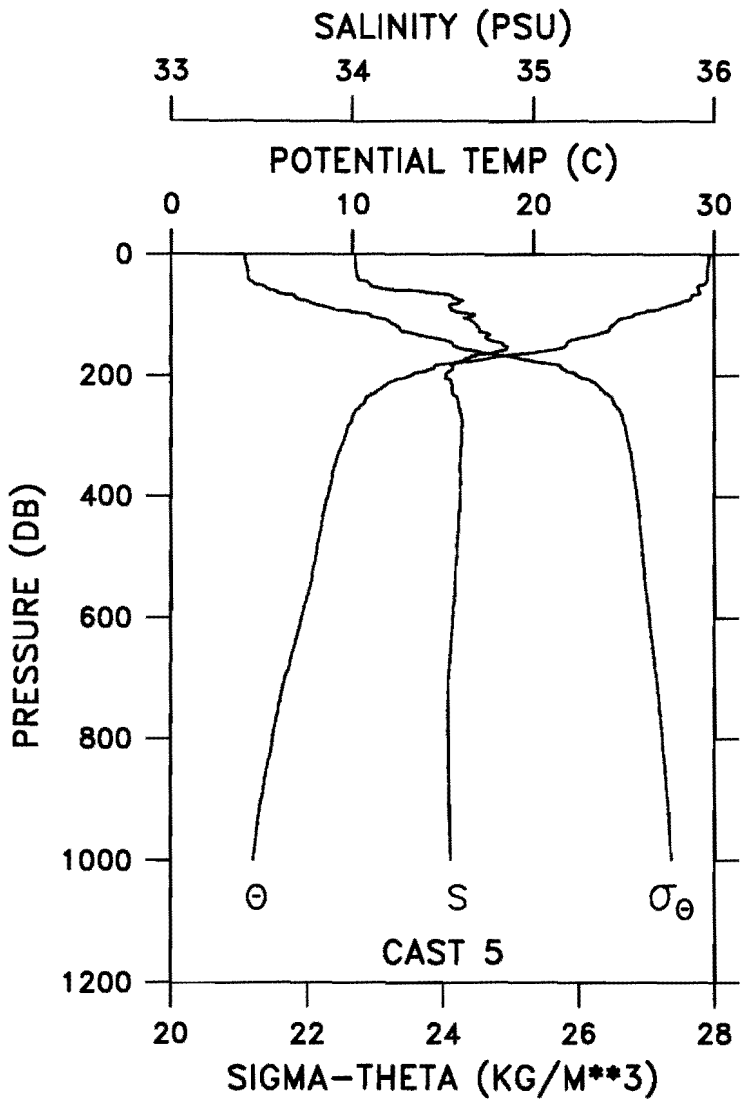
CAST EP6-93-DI -004 DATE 27 NOV 93 TIME 1446 GMT
LAT 01 59.9N LONG 179 52.1W WEATHER 1 SEA STATE 0
BAROMETER 71 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD 2 AMOUNT 2 DRY 27.9 WET 24.9 DEPTH 5420 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.778	34.935	21.755	0.000
10	29.775	34.935	21.756	0.060
20	29.723	34.939	21.777	0.121
30	29.619	34.954	21.824	0.181
40	29.342	34.970	21.929	0.241
50	28.976	34.939	22.029	0.299
60	28.895	34.953	22.066	0.357
70	28.870	34.993	22.104	0.415
80	29.002	35.140	22.171	0.472
90	28.755	35.218	22.312	0.528
100	28.258	35.088	22.379	0.583
110	27.721	34.979	22.472	0.638
120	26.846	34.984	22.757	0.691
130	24.581	34.869	23.371	0.740
140	24.252	34.848	23.453	0.785
150	21.645	34.793	24.161	0.827
160	20.162	34.779	24.551	0.863
170	18.939	34.768	24.861	0.895
180	18.077	34.753	25.065	0.925
190	16.977	34.705	25.294	0.954
200	15.483	34.668	25.610	0.980
250	12.007	34.768	26.408	1.075
300	11.235	34.752	26.540	1.156
350	10.878	34.731	26.588	1.233
400	10.091	34.685	26.691	1.307
450	9.320	34.638	26.783	1.377
500	8.551	34.607	26.881	1.442
550	7.933	34.579	26.954	1.504
600	7.308	34.553	27.023	1.562
650	6.828	34.541	27.081	1.617
700	6.283	34.533	27.147	1.669
750	5.961	34.530	27.186	1.719
800	5.680	34.530	27.221	1.767
900	5.059	34.530	27.296	1.858
1000	4.545	34.541	27.363	1.943
1007	4.494	34.543	27.370	1.949

CAST EP6-93-DI -005 DATE 28 NOV 93 TIME 0636 GMT

LAT 05 01.1N LONG 179 52.7W



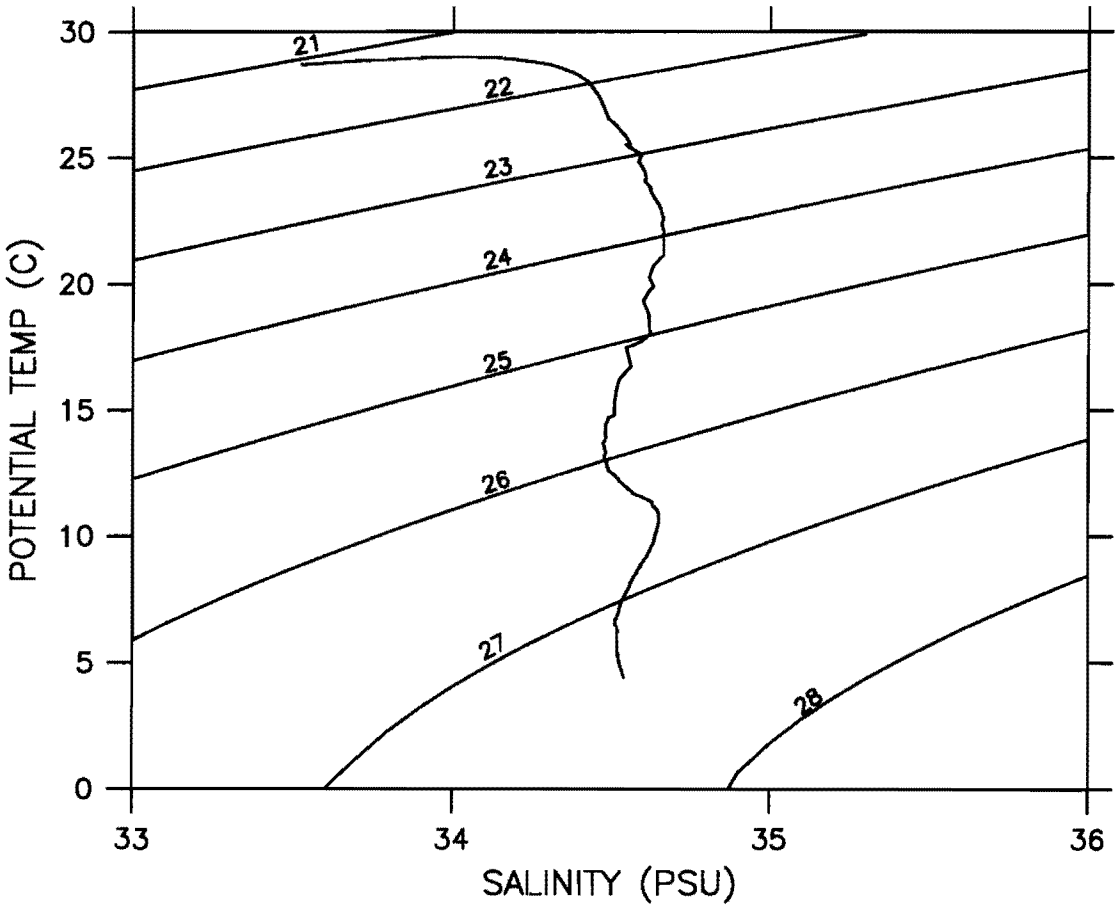


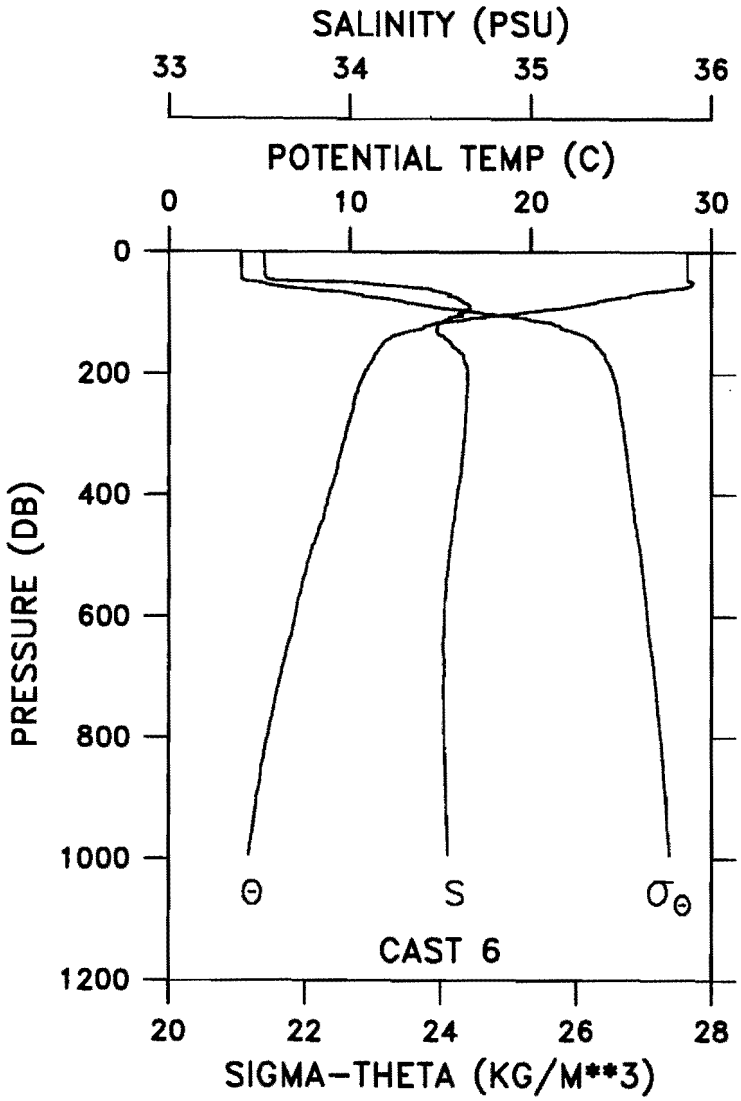
CAST EP6-93-DI -005 DATE 28 NOV 93 TIME 0636 GMT
LAT 05 01.1N LONG 179 52.7W WEATHER 2 SEA STATE 4
BAROMETER 09 WIND DIR 280 T SPD 06 KT VISIBILITY 8
CLOUD 6 AMOUNT 8 DRY 28.5 WET 25.5 DEPTH 5592 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.716	34.016	21.088	0.000
10	29.713	34.016	21.089	0.067
20	29.637	34.017	21.115	0.134
30	29.615	34.022	21.126	0.200
40	29.613	34.032	21.135	0.267
50	29.318	34.101	21.285	0.333
60	29.147	34.353	21.531	0.397
70	28.719	34.550	21.822	0.459
80	28.095	34.587	22.055	0.518
90	26.958	34.545	22.390	0.575
100	25.530	34.672	22.933	0.627
110	24.629	34.658	23.196	0.675
120	24.216	34.696	23.348	0.721
130	23.664	34.742	23.547	0.767
140	22.262	34.746	23.952	0.809
150	21.837	34.833	24.138	0.847
160	20.252	34.788	24.535	0.884
170	17.601	34.646	25.099	0.916
180	15.284	34.564	25.574	0.943
190	14.149	34.544	25.804	0.967
200	13.155	34.516	25.987	0.988
250	10.456	34.584	26.549	1.074
300	9.583	34.603	26.713	1.147
350	9.019	34.591	26.795	1.214
400	8.646	34.595	26.858	1.278
450	8.285	34.584	26.904	1.340
500	7.968	34.575	26.945	1.401
550	7.642	34.565	26.985	1.460
600	7.163	34.553	27.044	1.516
650	6.754	34.541	27.091	1.571
700	6.239	34.529	27.150	1.623
750	5.917	34.526	27.189	1.673
800	5.580	34.527	27.232	1.720
900	4.970	34.532	27.308	1.810
1000	4.525	34.542	27.365	1.894
1003	4.504	34.542	27.368	1.897

CAST EP6-93-DI -006 DATE 29 NOV 93 TIME 0438 GMT

LAT 08 00.9N LONG 179 51.3W





CAST EP6-93-DI -006 DATE 29 NOV 93 TIME 0438 GMT
LAT 08 00.9N LONG 179 51.3W WEATHER 1 SEA STATE 5
BAROMETER 08 WIND DIR 085 T SPD 17 KT VISIBILITY 6
CLOUD 6 AMOUNT 5 DRY 28.2 WET 25.0 DEPTH 5879 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.704	33.524	21.057	0.000
10	28.701	33.524	21.058	0.067
20	28.700	33.526	21.059	0.134
30	28.695	33.527	21.062	0.202
40	28.696	33.531	21.065	0.269
50	28.989	34.042	21.351	0.336
60	28.006	34.426	21.963	0.398
70	25.621	34.554	22.816	0.452
80	23.766	34.624	23.427	0.501
90	22.242	34.659	23.893	0.544
100	19.407	34.602	24.614	0.581
110	16.484	34.542	25.285	0.611
120	14.449	34.483	25.694	0.635
130	13.283	34.482	25.936	0.658
140	12.268	34.523	26.168	0.677
150	11.818	34.558	26.281	0.696
160	11.569	34.592	26.354	0.713
170	11.343	34.630	26.425	0.730
180	11.210	34.629	26.449	0.746
190	10.981	34.644	26.502	0.762
200	10.794	34.649	26.539	0.777
250	10.200	34.642	26.639	0.851
300	9.752	34.633	26.708	0.922
350	9.333	34.617	26.764	0.991
400	8.842	34.592	26.824	1.057
450	8.353	34.569	26.882	1.121
500	7.778	34.548	26.952	1.182
550	7.319	34.531	27.004	1.240
600	6.946	34.522	27.050	1.296
650	6.513	34.512	27.101	1.350
700	6.116	34.518	27.157	1.401
750	5.766	34.518	27.201	1.450
800	5.418	34.520	27.245	1.497
900	4.823	34.529	27.322	1.585
994	4.400	34.541	27.378	1.663

CAST EP6-93-DI -001 LAT 07 59.0S LONG 179 56.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	30.083	34.535	0.00	30.080	21.353
12.	30.096	34.537	0.00	30.093	21.350
131.	26.653	35.991	0.00	26.623	23.587
151.	25.237	36.179	0.00	25.204	24.172
300.	13.671	35.045	0.00	13.628	26.300
499.	7.845	34.603	0.00	7.794	26.993
598.	6.614	34.545	0.00	6.558	27.121
699.	5.941	34.528	0.00	5.879	27.195
797.	5.489	34.521	0.00	5.421	27.246
898.	4.968	34.526	0.00	4.894	27.312
997.	4.543	34.534	0.00	4.463	27.366
998.	4.544	34.539	0.00	4.464	27.370

CAST EP6-93-DI -002 LAT 04 57.8S LONG 179 53.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	30.141	34.754	0.00	30.139	21.496
11.	30.025	34.749	0.00	30.022	21.533
79.	29.889	35.146	0.00	29.870	21.883
151.	24.829	36.011	0.00	24.796	24.169
302.	11.166	34.855	0.00	11.128	26.639
499.	8.401	34.648	0.00	8.348	26.945
597.	7.291	34.588	0.00	7.233	27.062
696.	6.423	34.554	0.00	6.359	27.154
798.	5.748	34.533	0.00	5.678	27.224
898.	5.211	34.535	0.00	5.135	27.291
996.	4.753	34.536	0.00	4.672	27.345
996.	4.753	34.536	0.00	4.672	27.345

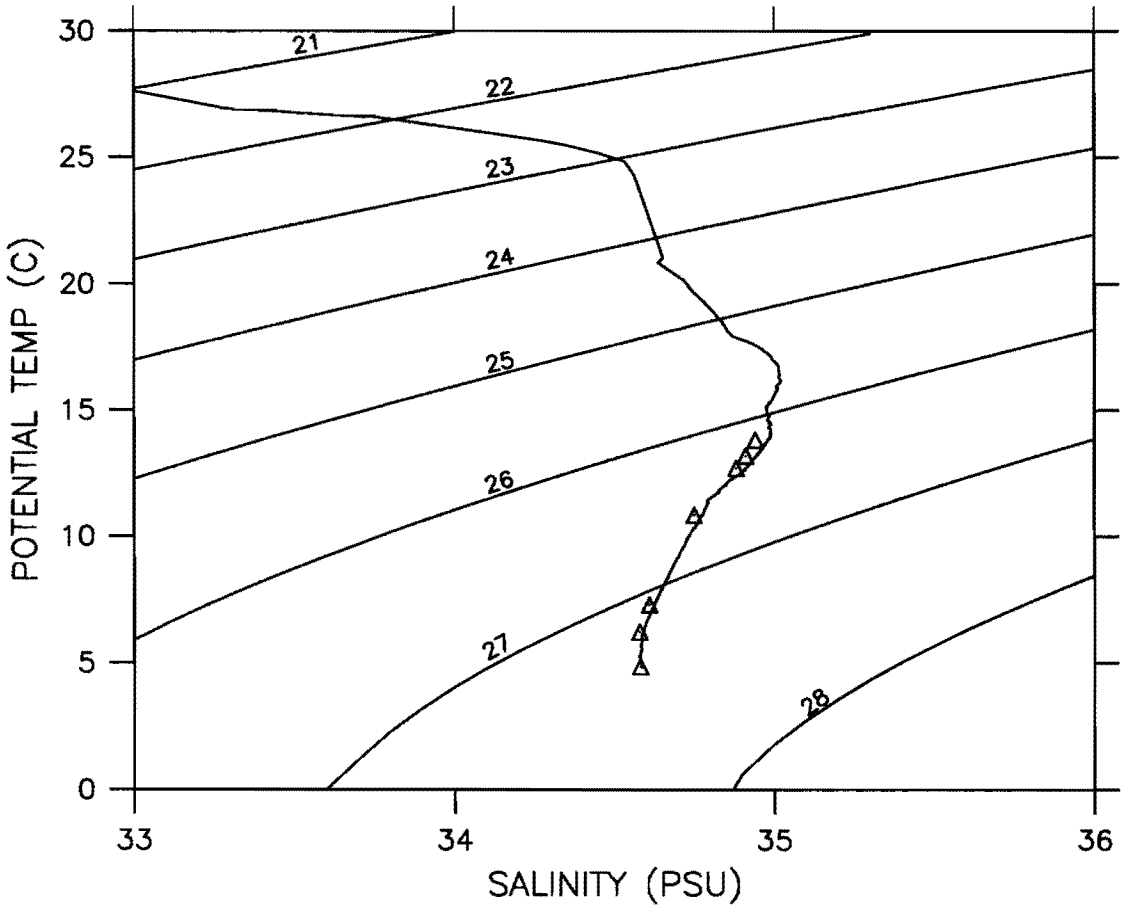
CAST EP6-93-DI -003 LAT 01 58.2S LONG 179 51.4W

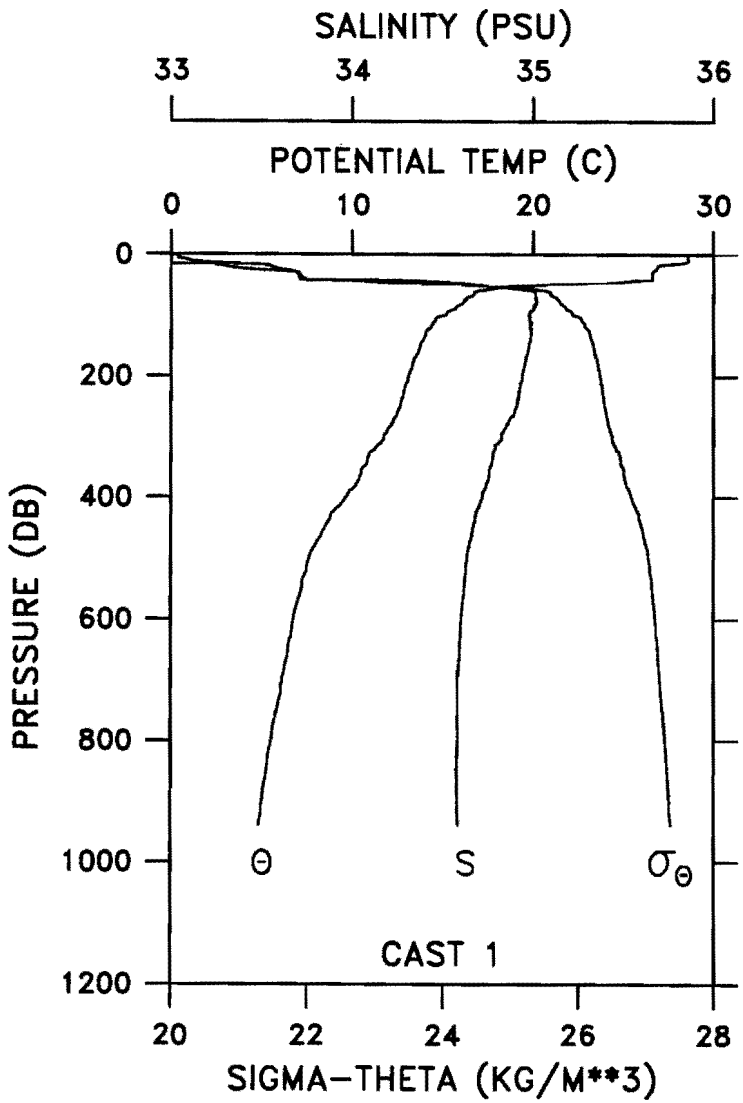
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.749	35.302	0.00	29.747	22.041
11.	29.752	35.301	0.00	29.749	22.040
130.	27.127	35.527	0.00	27.097	23.086
151.	24.289	35.762	0.00	24.257	24.143
300.	11.027	34.799	0.00	10.990	26.621
499.	7.991	34.614	0.00	7.940	26.980
598.	6.934	34.573	0.00	6.877	27.100
698.	6.329	34.558	0.00	6.265	27.169
797.	5.552	34.540	0.00	5.483	27.253
897.	5.004	34.542	0.00	4.930	27.321
1004.	4.542	34.549	0.00	4.462	27.379
998.	4.566	34.547	0.00	4.486	27.374

EP1-94-MB
April 15-May 11, 1994
CTD and Hydrographic Data Summary

CAST EP1-94-MB -001 DATE 19 APR 94 TIME 1936 GMT

LAT 05 02.8N LONG 094 59.6W



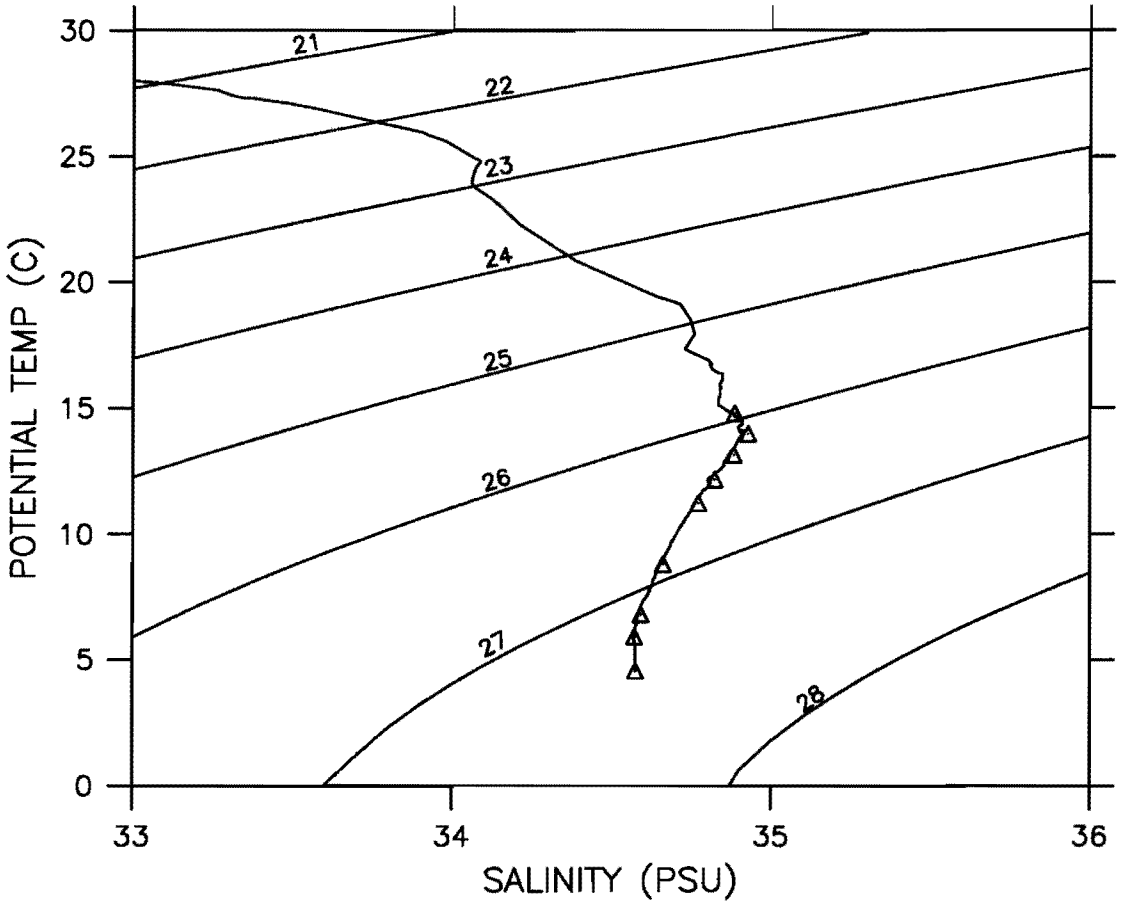


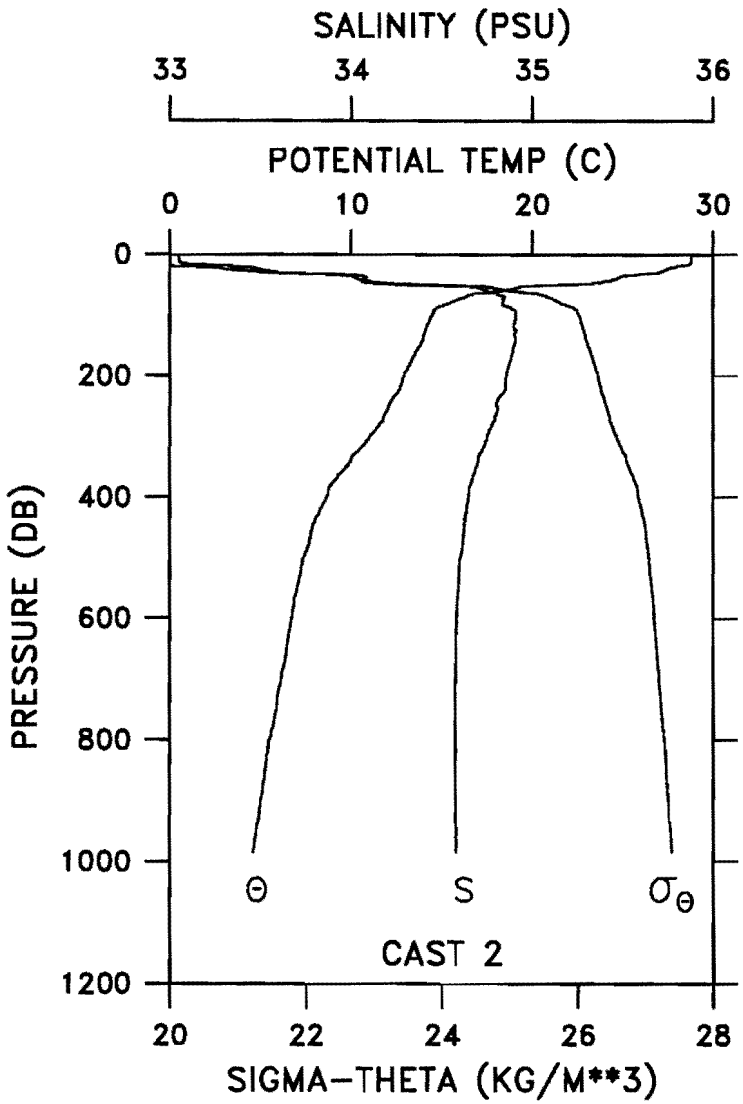
CAST EP1-94-MB -001 DATE 19 APR 94 TIME 1936 GMT
LAT 05 02.8N LONG 094 59.6W WEATHER 1 SEA STATE 1
BAROMETER 08 WIND DIR 245 T SPD 06 KT VISIBILITY 7
CLOUD 8 AMOUNT 6 DRY 29.8 WET 26.8 DEPTH 3475 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.607	31.977	19.928	0.000
10	28.615	32.430	20.265	0.076
20	26.915	33.297	21.464	0.145
30	26.621	33.704	21.864	0.207
40	26.613	33.738	21.892	0.266
50	20.844	34.635	24.259	0.316
60	16.936	34.998	25.529	0.345
70	16.408	35.017	25.667	0.369
80	16.130	35.019	25.733	0.392
90	15.691	35.004	25.822	0.415
100	15.147	34.975	25.921	0.436
110	14.558	34.982	26.055	0.456
120	14.315	34.981	26.106	0.475
130	14.057	34.990	26.168	0.494
140	13.919	34.987	26.195	0.513
150	13.760	34.976	26.220	0.531
160	13.642	34.971	26.240	0.550
170	13.452	34.962	26.272	0.568
180	13.332	34.954	26.290	0.586
190	13.220	34.945	26.306	0.603
200	13.122	34.940	26.322	0.621
250	12.646	34.909	26.393	0.707
300	11.753	34.827	26.502	0.789
350	10.613	34.763	26.661	0.866
400	9.681	34.720	26.788	0.936
450	8.475	34.669	26.942	0.999
500	7.632	34.635	27.042	1.056
550	7.204	34.620	27.091	1.110
600	6.759	34.604	27.140	1.161
650	6.455	34.595	27.174	1.211
700	6.118	34.585	27.209	1.260
750	5.834	34.584	27.245	1.307
800	5.510	34.583	27.285	1.352
900	5.010	34.580	27.341	1.438
940	4.833	34.586	27.366	1.471

CAST EP1-94-MB -002 DATE 20 APR 94 TIME 0240 GMT

LAT 03 59.8N LONG 095 00.5W



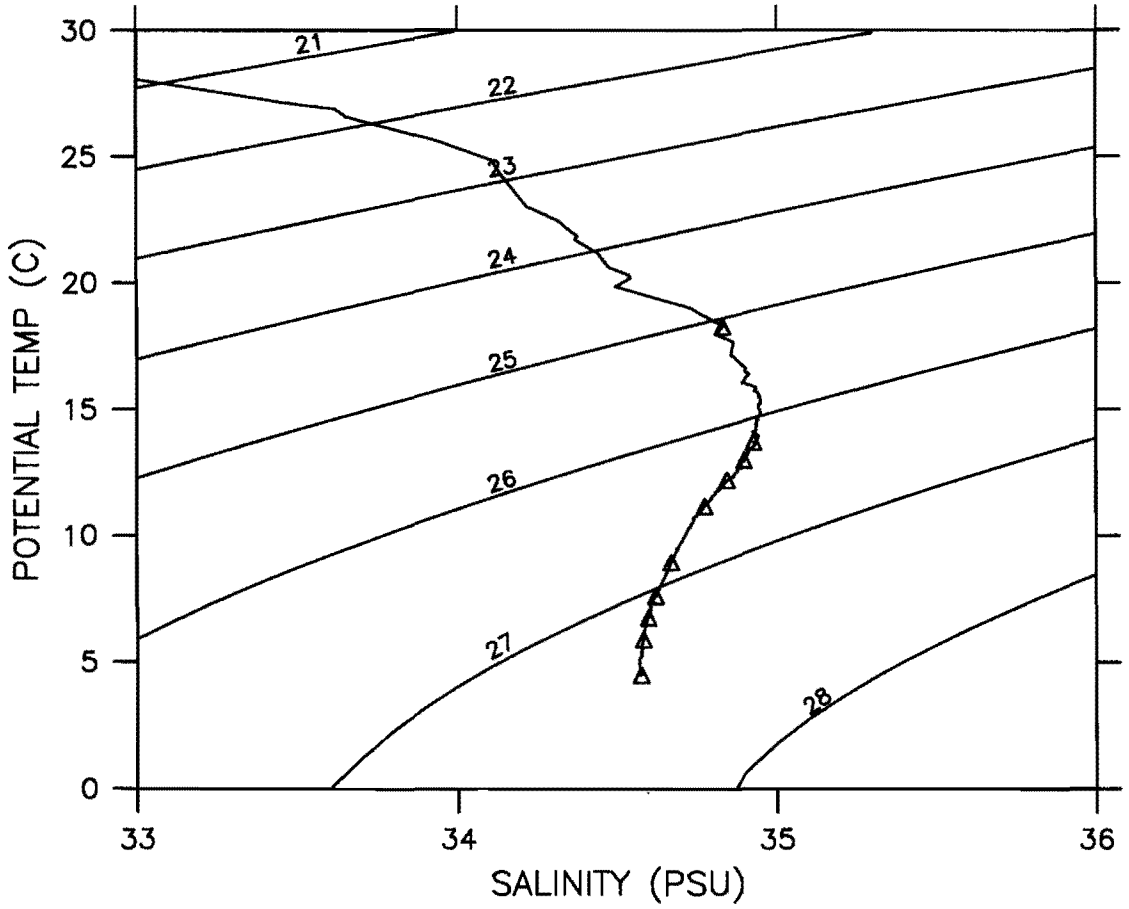


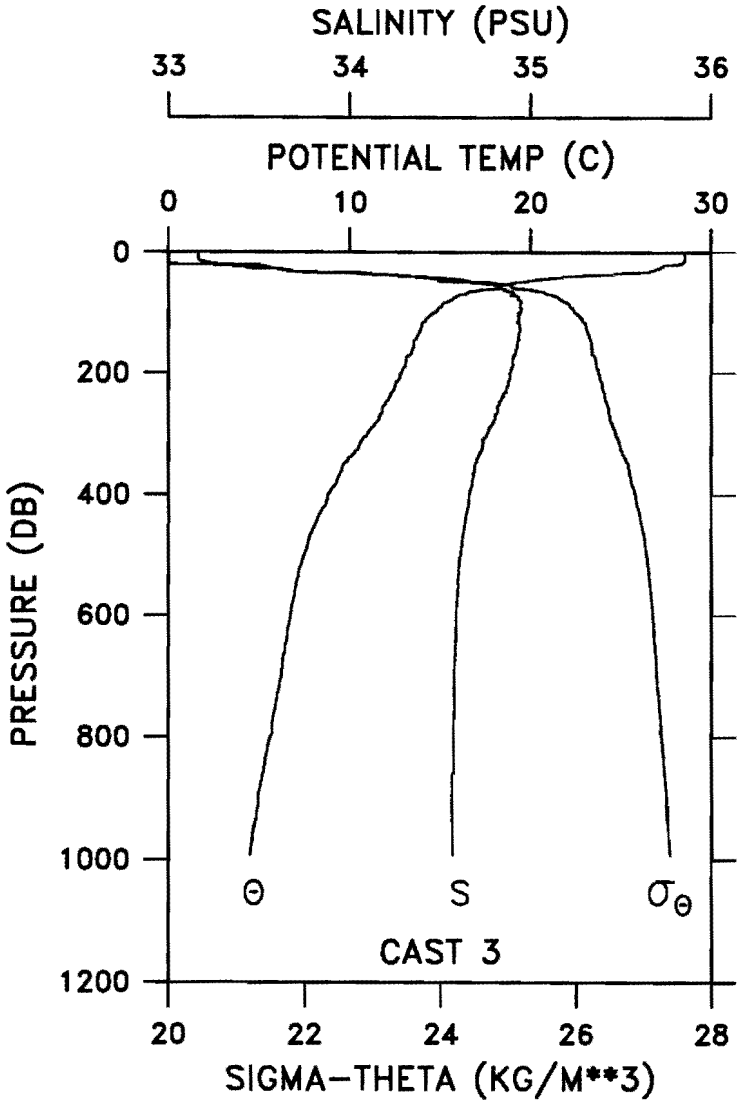
CAST EP1-94-MB -002 DATE 20 APR 94 TIME 0240 GMT
LAT 03 59.8N LONG 095 00.5W WEATHER 1 SEA STATE 2
BAROMETER 09 WIND DIR 190 T SPD 12 KT VISIBILITY 8
CLOUD 8 AMOUNT 7 DRY 27.5 WET 25.5 DEPTH 3458 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.846	32.333	20.117	0.000
10	28.802	32.338	20.134	0.076
20	28.015	33.002	20.890	0.150
30	26.999	33.528	21.612	0.215
40	24.690	34.079	22.741	0.269
50	21.574	34.297	23.803	0.318
60	18.234	34.751	25.025	0.350
70	16.358	34.848	25.549	0.377
80	15.472	34.839	25.744	0.400
90	14.683	34.885	25.953	0.422
100	14.476	34.908	26.016	0.442
110	14.308	34.904	26.049	0.462
120	14.175	34.897	26.072	0.482
130	14.059	34.903	26.101	0.501
140	13.974	34.907	26.122	0.520
150	13.813	34.900	26.149	0.539
160	13.603	34.891	26.186	0.558
170	13.416	34.883	26.219	0.577
180	13.246	34.873	26.246	0.595
190	13.095	34.864	26.269	0.613
200	12.926	34.856	26.297	0.631
250	12.061	34.807	26.428	0.717
300	11.012	34.752	26.581	0.797
350	9.736	34.691	26.755	0.869
400	8.647	34.646	26.898	0.933
450	7.840	34.621	27.000	0.992
500	7.372	34.602	27.053	1.047
550	7.015	34.590	27.094	1.101
600	6.706	34.581	27.129	1.152
650	6.417	34.578	27.165	1.202
700	6.123	34.572	27.199	1.251
750	5.858	34.573	27.233	1.299
800	5.463	34.573	27.282	1.344
900	4.975	34.574	27.340	1.431
985	4.570	34.578	27.389	1.500

CAST EP1-94-MB -003 DATE 20 APR 94 TIME 0852 GMT

LAT 03 00.3N LONG 095 00.5W



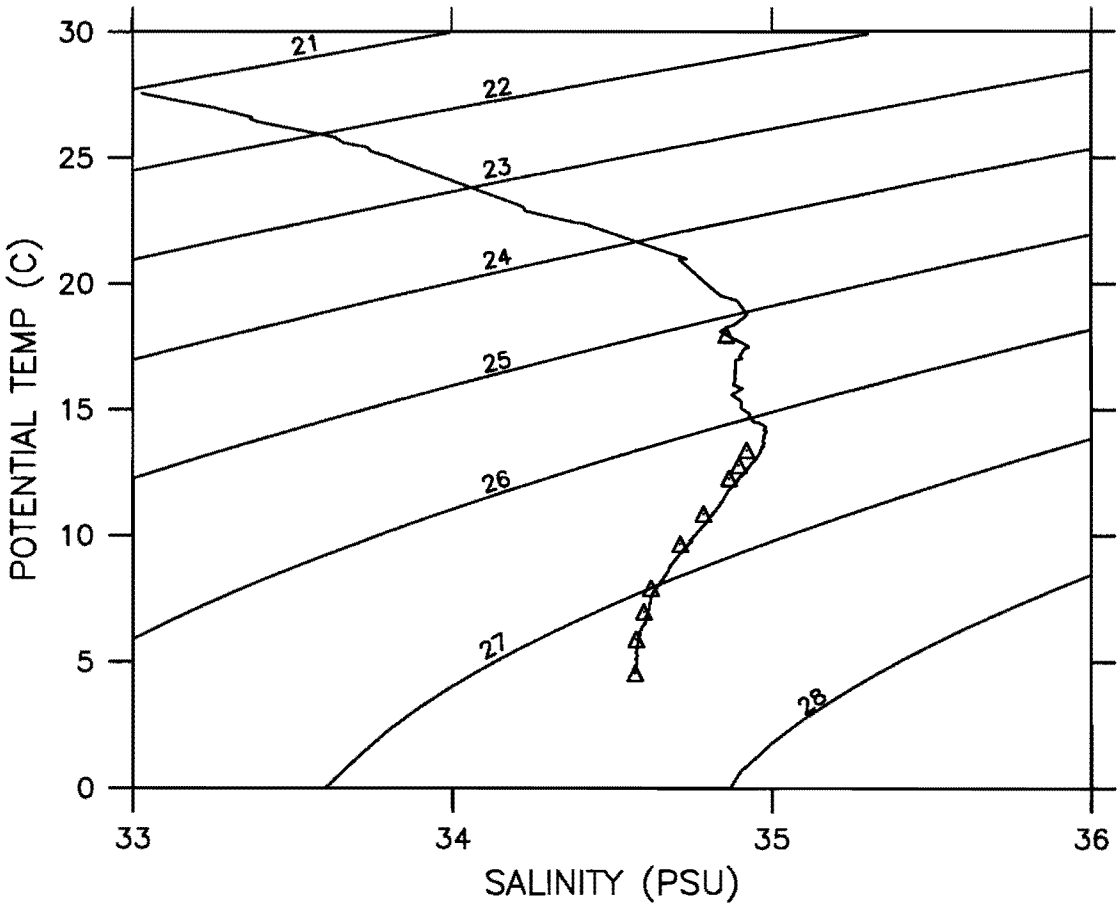


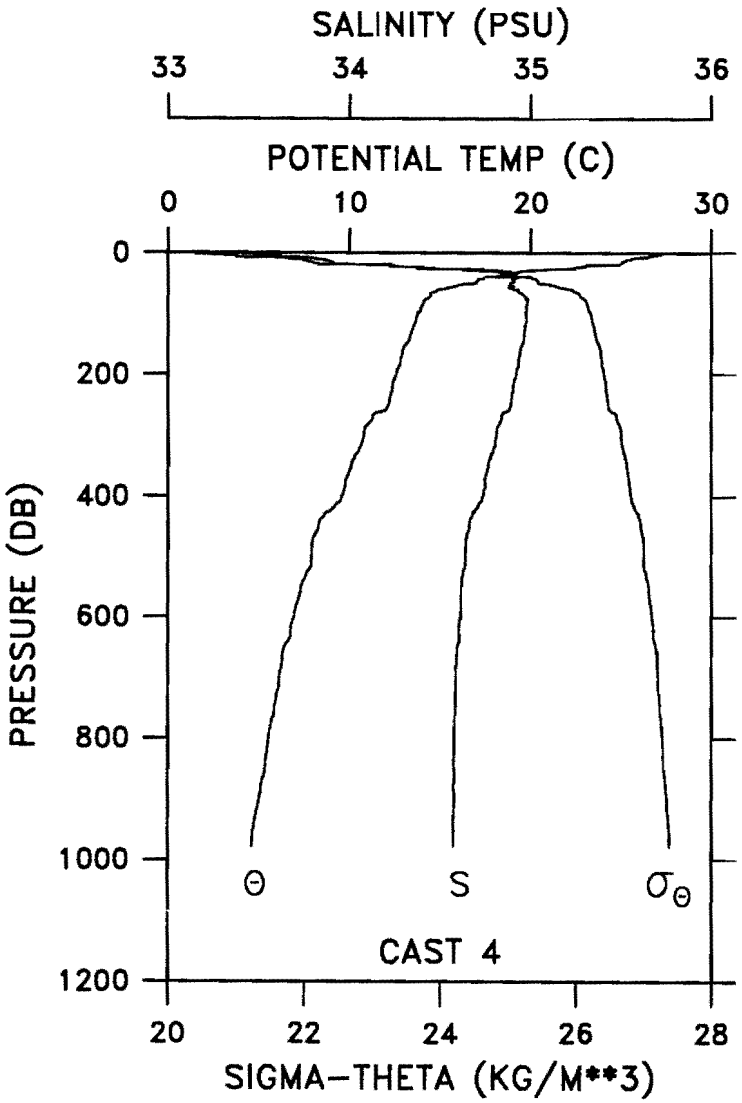
CAST EP1-94-MB -003 DATE 20 APR 94 TIME 0852 GMT
LAT 03 00.3N LONG 095 00.5W WEATHER 0 SEA STATE 1
BAROMETER 09 WIND DIR 175 T SPD 10 KT VISIBILITY 6
CLOUD 0 AMOUNT 1 DRY 26.5 WET 24.9 DEPTH 3032 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.555	32.637	20.440	0.000
10	28.560	32.636	20.438	0.073
20	27.935	33.059	20.959	0.145
30	26.631	33.648	21.818	0.208
40	21.845	34.374	23.787	0.260
50	19.192	34.676	24.726	0.296
60	17.961	34.805	25.134	0.326
70	16.055	34.889	25.651	0.351
80	15.491	34.947	25.823	0.374
90	15.060	34.941	25.914	0.395
100	14.638	34.932	26.000	0.416
110	14.239	34.935	26.087	0.436
120	13.975	34.939	26.146	0.455
130	13.882	34.942	26.167	0.474
140	13.704	34.934	26.199	0.492
150	13.529	34.927	26.230	0.511
160	13.466	34.922	26.238	0.529
170	13.292	34.909	26.264	0.547
180	13.097	34.901	26.297	0.565
190	13.042	34.898	26.306	0.582
200	12.856	34.883	26.332	0.600
250	11.973	34.829	26.462	0.684
300	10.998	34.759	26.589	0.763
350	9.640	34.694	26.774	0.834
400	8.819	34.660	26.881	0.899
450	8.082	34.635	26.975	0.959
500	7.484	34.611	27.044	1.015
550	7.032	34.601	27.100	1.069
600	6.704	34.590	27.136	1.120
650	6.398	34.583	27.172	1.170
700	6.203	34.577	27.193	1.219
750	5.869	34.577	27.235	1.267
800	5.589	34.573	27.266	1.313
900	4.935	34.565	27.338	1.399
992	4.485	34.567	27.390	1.474

CAST EP1-94-MB -004 DATE 21 APR 94 TIME 0444 GMT

LAT 02 00.0N LONG 095 01.4W



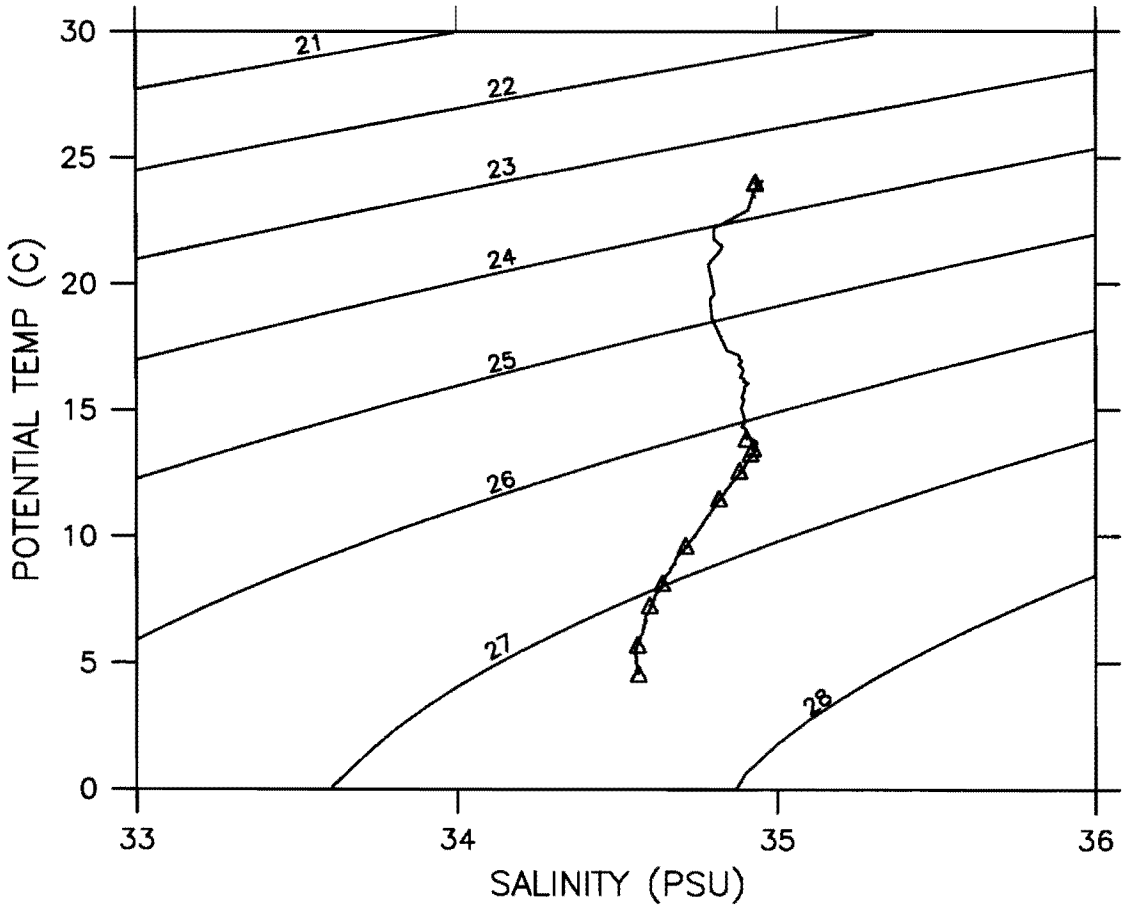


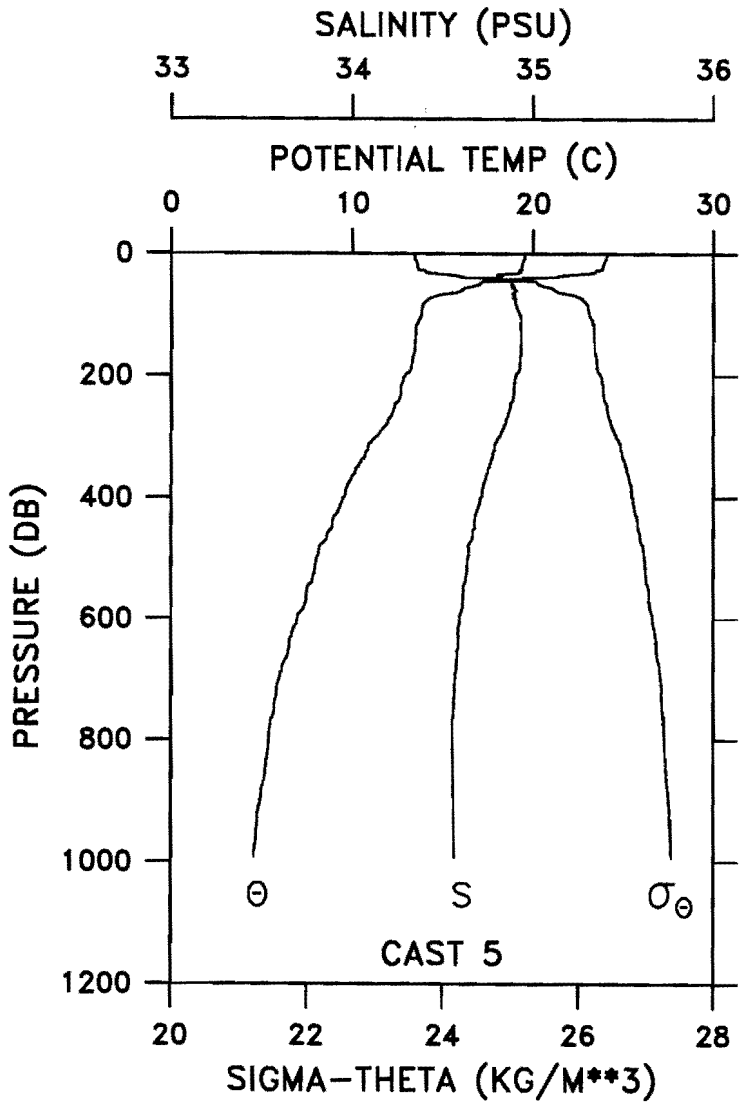
CAST EP1-94-MB -004 DATE 21 APR 94 TIME 0444 GMT
LAT 02 00.0N LONG 095 01.4W WEATHER 0 SEA STATE 3
BAROMETER 10 WIND DIR 148 T SPD 08 KT VISIBILITY 7
CLOUD 8 AMOUNT 8 DRY 25.8 WET 24.0 DEPTH 3177 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.574	33.029	21.053	0.000
10	25.587	33.662	22.153	0.062
20	23.144	34.206	23.292	0.116
30	19.531	34.840	24.763	0.157
40	17.506	34.929	25.340	0.186
50	16.968	34.888	25.437	0.212
60	15.058	34.904	25.886	0.235
70	14.473	34.961	26.057	0.255
80	14.105	34.982	26.151	0.274
90	13.941	34.974	26.180	0.293
100	13.753	34.972	26.218	0.312
110	13.679	34.977	26.237	0.330
120	13.542	34.974	26.263	0.348
130	13.432	34.967	26.280	0.365
140	13.314	34.963	26.302	0.383
150	13.113	34.954	26.335	0.400
160	12.931	34.944	26.364	0.417
170	12.868	34.938	26.372	0.434
180	12.791	34.933	26.383	0.451
190	12.678	34.927	26.401	0.468
200	12.566	34.920	26.418	0.485
250	12.143	34.891	26.477	0.566
300	10.780	34.810	26.668	0.641
350	10.104	34.767	26.753	0.711
400	9.578	34.735	26.816	0.778
450	8.309	34.662	26.962	0.840
500	7.912	34.640	27.004	0.897
550	7.319	34.619	27.074	0.953
600	6.922	34.612	27.124	1.006
650	6.400	34.595	27.181	1.056
700	6.097	34.587	27.214	1.104
750	5.842	34.583	27.243	1.151
800	5.524	34.579	27.279	1.196
900	5.006	34.578	27.340	1.283
978	4.589	34.572	27.382	1.346

CAST EP1-94-MB -005 DATE 21 APR 94 TIME 1201 GMT

LAT 01 00.2N LONG 094 59.9W



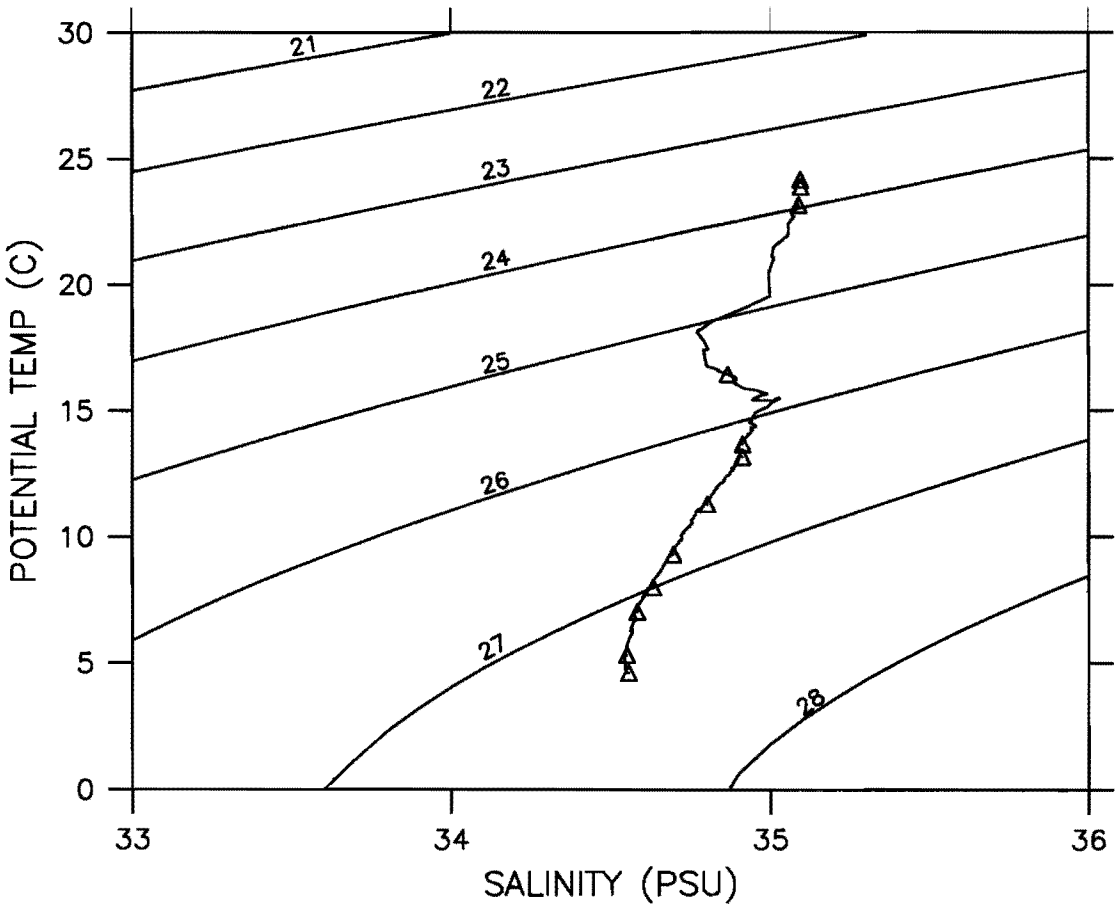


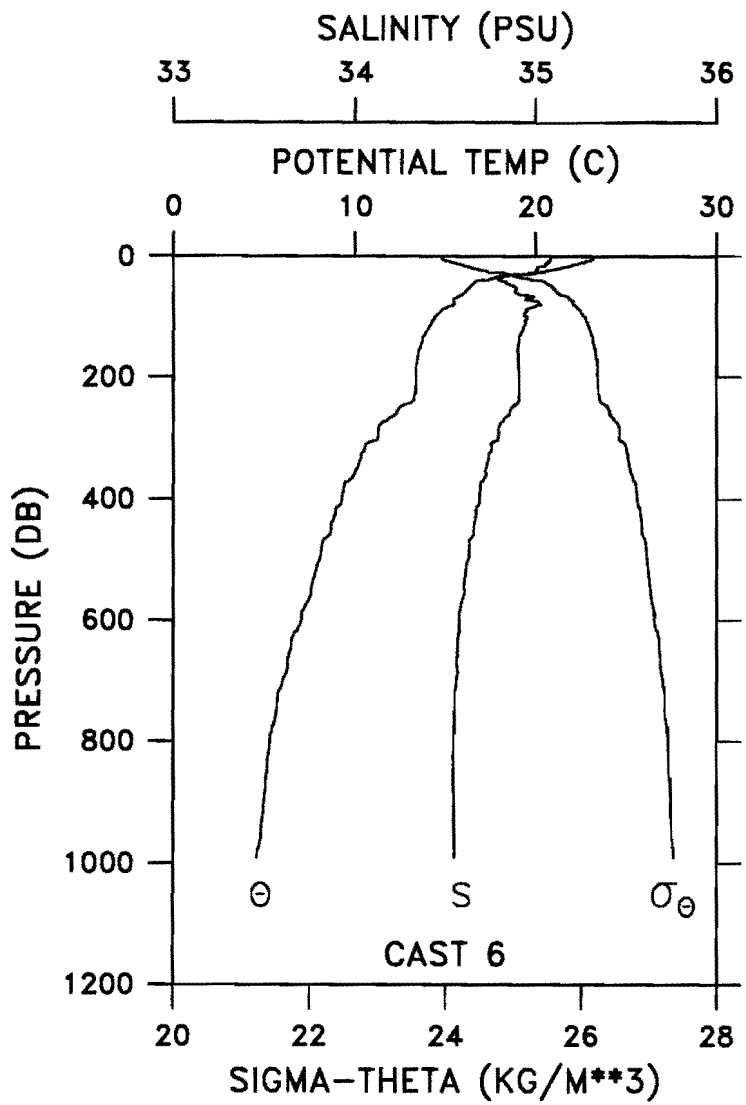
CAST EP1-94-MB -005 DATE 21 APR 94 TIME 1201 GMT
LAT 01 00.2N LONG 094 59.9W WEATHER 2 SEA STATE 1
BAROMETER 09 WIND DIR 150 T SPD 04 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 23.4 WET 22.1 DEPTH 3243 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.069	34.954	23.588	0.000
10	24.023	34.949	23.598	0.043
20	23.893	34.938	23.628	0.086
30	23.443	34.931	23.755	0.128
40	19.583	34.804	24.723	0.166
50	17.048	34.881	25.413	0.194
60	16.066	34.910	25.664	0.218
70	14.509	34.899	26.001	0.240
80	13.980	34.903	26.117	0.260
90	13.872	34.912	26.147	0.278
100	13.828	34.927	26.168	0.297
110	13.669	34.936	26.207	0.316
120	13.532	34.933	26.234	0.334
130	13.515	34.936	26.239	0.352
140	13.490	34.936	26.244	0.370
150	13.471	34.934	26.247	0.388
160	13.453	34.933	26.249	0.406
170	13.353	34.928	26.266	0.424
180	13.297	34.928	26.277	0.442
190	13.253	34.925	26.285	0.460
200	12.922	34.905	26.336	0.478
250	12.360	34.875	26.423	0.563
300	11.385	34.816	26.562	0.643
350	10.312	34.758	26.710	0.717
400	9.487	34.711	26.813	0.784
450	8.890	34.680	26.885	0.848
500	8.052	34.641	26.984	0.908
550	7.510	34.616	27.045	0.965
600	6.979	34.597	27.105	1.020
650	6.505	34.585	27.159	1.071
700	5.955	34.571	27.220	1.119
750	5.696	34.563	27.246	1.165
800	5.380	34.556	27.279	1.210
900	4.905	34.562	27.339	1.297
992	4.576	34.567	27.380	1.372

CAST EP1-94-MB -006 DATE 21 APR 94 TIME 1802 GMT

LAT 00 02.2S LONG 094 56.5W



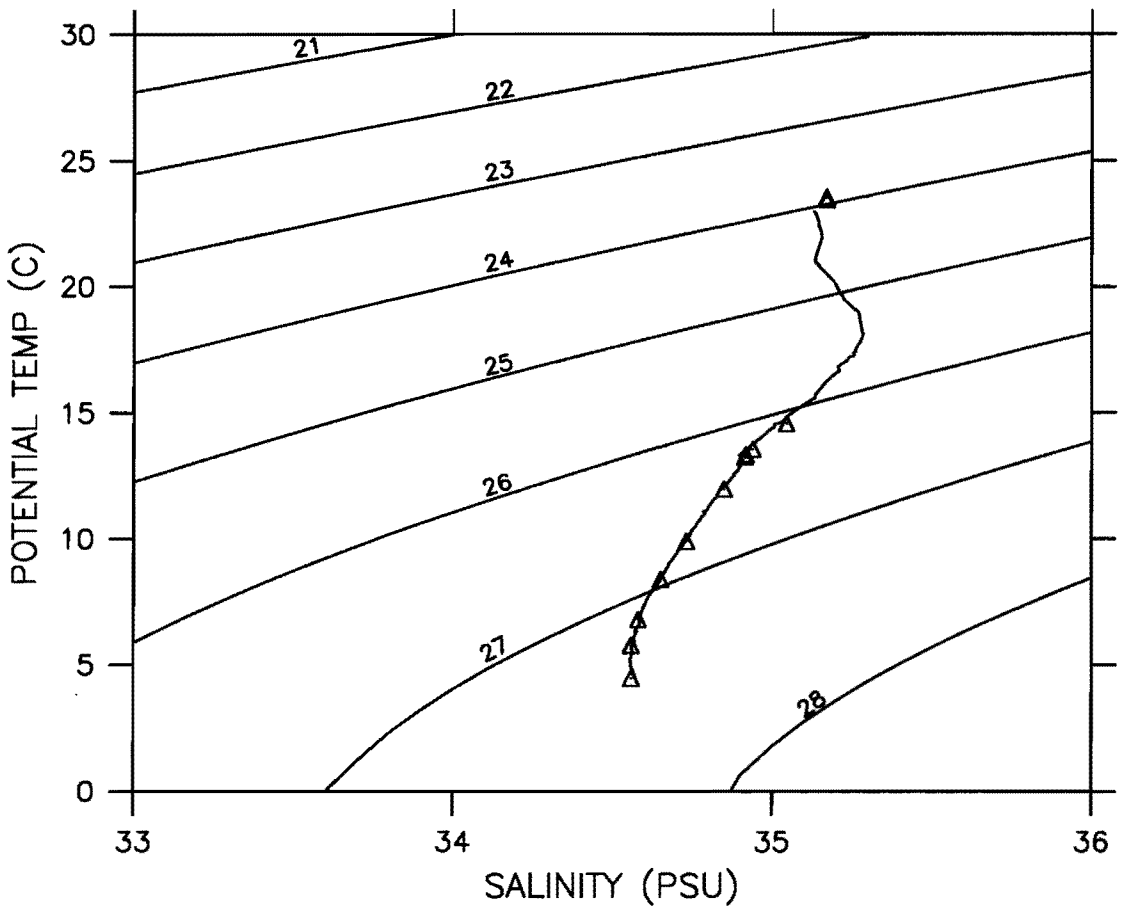


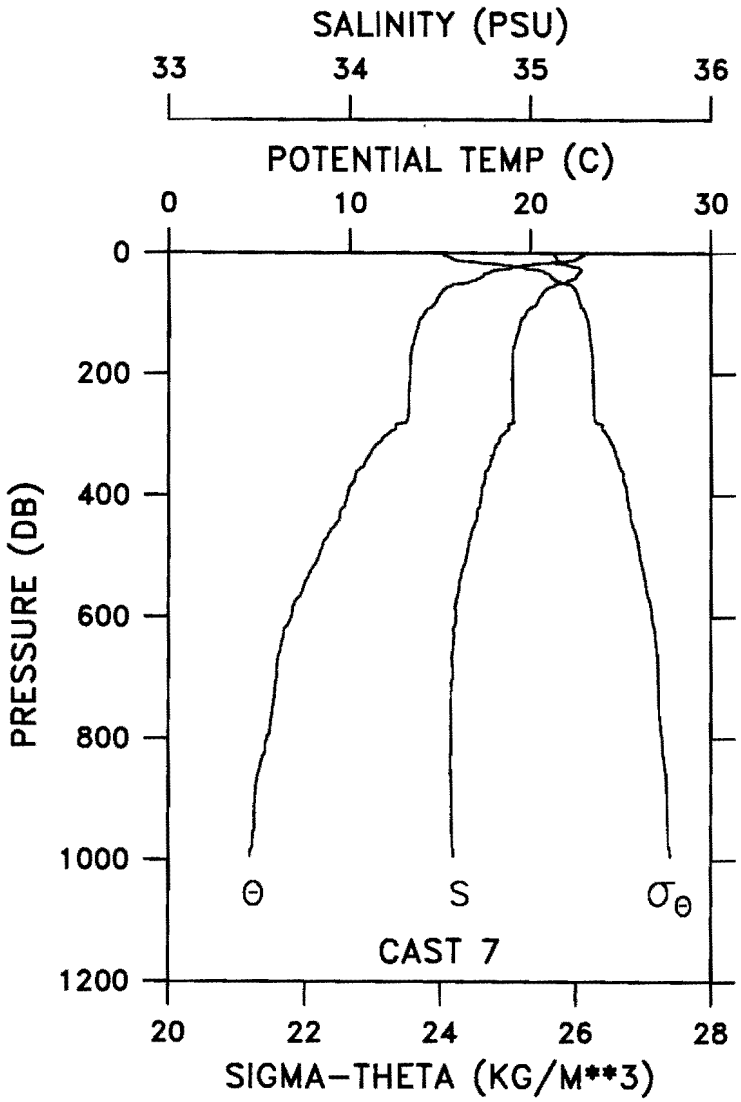
CAST EP1-94-MB -006 DATE 21 APR 94 TIME 1802 GMT
LAT 00 02.2S LONG 094 56.5W WEATHER 1 SEA STATE 1
BAROMETER 10 WIND DIR 123 T SPD 05 KT VISIBILITY 7
CLOUD 0 AMOUNT 2 DRY 26.2 WET 23.8 DEPTH 3271 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.271	35.085	23.921	0.000
10	22.711	35.075	24.075	0.039
20	21.309	35.007	24.417	0.076
30	19.067	34.917	24.942	0.109
40	16.769	34.801	25.417	0.137
50	16.395	34.877	25.563	0.162
60	16.087	34.892	25.646	0.186
70	15.470	34.945	25.826	0.208
80	15.477	35.028	25.889	0.230
90	14.770	34.945	25.981	0.251
100	14.440	34.950	26.056	0.271
110	14.237	34.944	26.095	0.290
120	14.040	34.930	26.126	0.310
130	13.838	34.916	26.156	0.329
140	13.718	34.908	26.176	0.347
150	13.614	34.902	26.192	0.366
160	13.503	34.900	26.214	0.385
170	13.452	34.902	26.226	0.403
180	13.403	34.903	26.237	0.421
190	13.378	34.906	26.244	0.439
200	13.373	34.908	26.246	0.458
250	12.439	34.866	26.401	0.548
300	11.264	34.794	26.568	0.627
350	10.107	34.724	26.719	0.699
400	9.282	34.689	26.829	0.766
450	8.674	34.657	26.902	0.828
500	8.059	34.626	26.971	0.888
550	7.589	34.603	27.023	0.945
600	7.022	34.578	27.084	1.000
650	6.449	34.566	27.151	1.051
700	6.008	34.559	27.203	1.101
750	5.676	34.551	27.238	1.147
800	5.300	34.545	27.279	1.193
900	4.977	34.546	27.318	1.280
991	4.604	34.549	27.363	1.356

CAST EP1-94-MB -007 DATE 22 APR 94 TIME 0133 GMT

LAT 01 00.0S LONG 094 59.8W



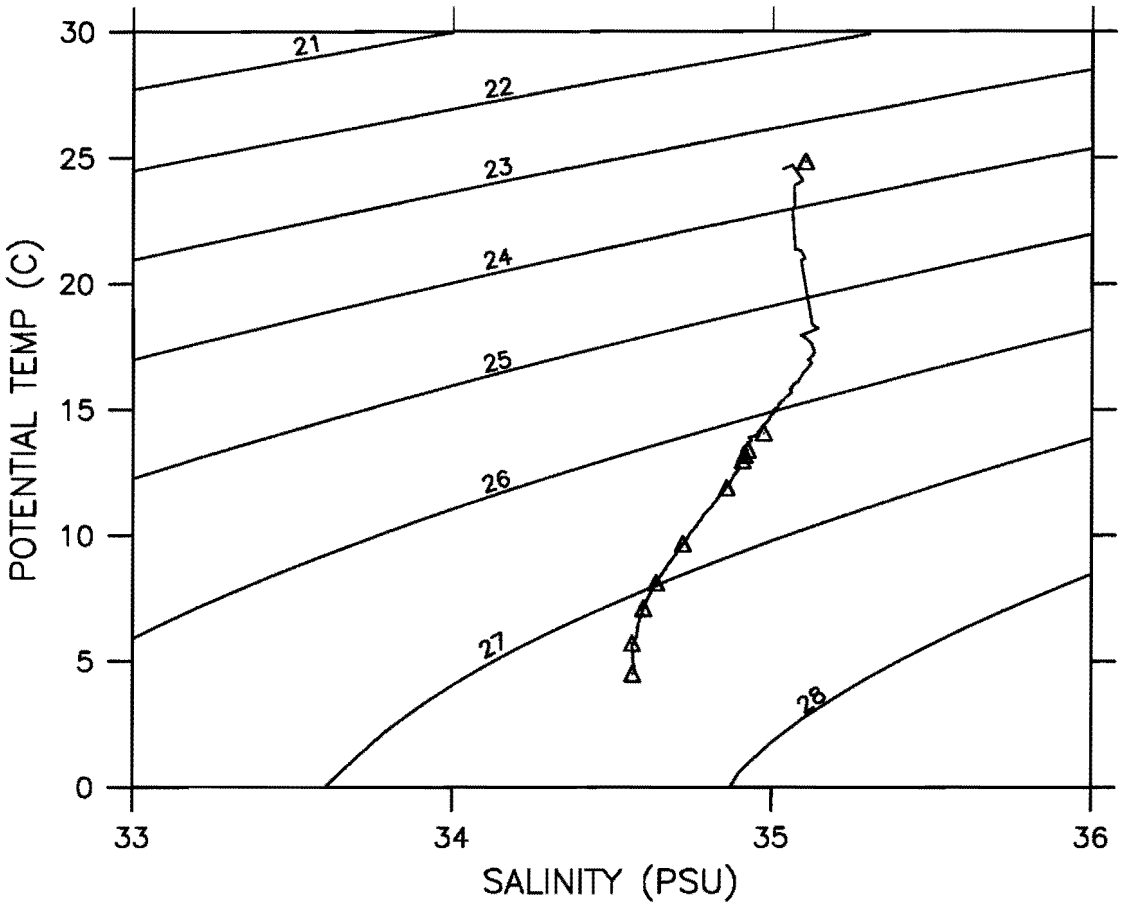


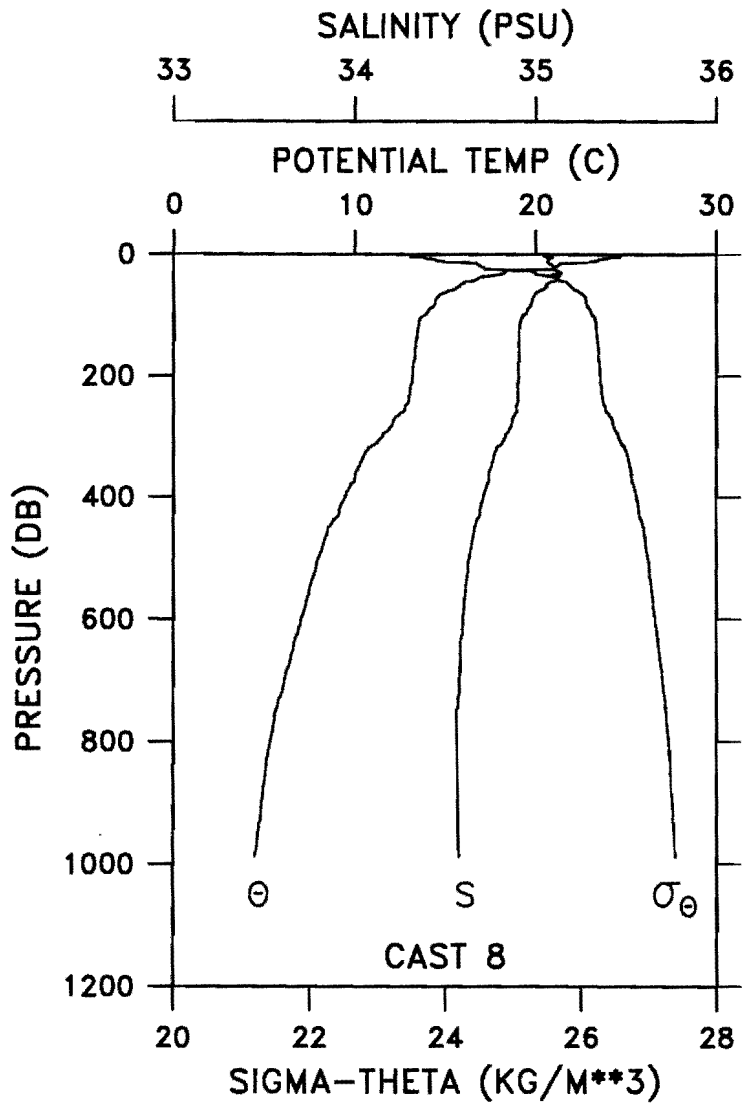
CAST EP1-94-MB -007 DATE 22 APR 94 TIME 0133 GMT
LAT 01 00.0S LONG 094 59.8W WEATHER 4 SEA STATE 2
BAROMETER 08 WIND DIR 120 T SPD 17 KT VISIBILITY 7
CLOUD 6 AMOUNT 7 DRY 23.9 WET 23.2 DEPTH 3319 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.962	35.131	24.045	0.000
10	22.574	35.145	24.167	0.038
20	19.926	35.204	24.938	0.072
30	17.822	35.276	25.529	0.100
40	17.257	35.256	25.650	0.124
50	16.497	35.193	25.782	0.146
60	15.202	35.085	25.994	0.167
70	14.953	35.059	26.028	0.187
80	14.778	35.042	26.054	0.207
90	14.542	35.005	26.077	0.227
100	14.123	34.975	26.143	0.246
110	13.872	34.949	26.175	0.265
120	13.783	34.942	26.189	0.283
130	13.693	34.934	26.201	0.302
140	13.592	34.922	26.213	0.320
150	13.519	34.915	26.222	0.338
160	13.411	34.904	26.236	0.357
170	13.360	34.902	26.245	0.375
180	13.347	34.901	26.247	0.393
190	13.339	34.901	26.248	0.411
200	13.318	34.900	26.251	0.429
250	13.252	34.903	26.267	0.520
300	12.046	34.846	26.461	0.608
350	10.780	34.777	26.642	0.685
400	9.892	34.728	26.758	0.756
450	9.163	34.688	26.848	0.822
500	8.279	34.646	26.954	0.884
550	7.452	34.604	27.043	0.941
600	6.724	34.585	27.130	0.994
650	6.155	34.570	27.193	1.043
700	5.935	34.570	27.221	1.090
750	5.711	34.559	27.241	1.137
800	5.428	34.561	27.277	1.183
900	4.764	34.564	27.356	1.268
994	4.472	34.572	27.396	1.343

CAST EP1-94-MB -008 DATE 22 APR 94 TIME 0734 GMT

LAT 02 00.9S LONG 094 57.8W



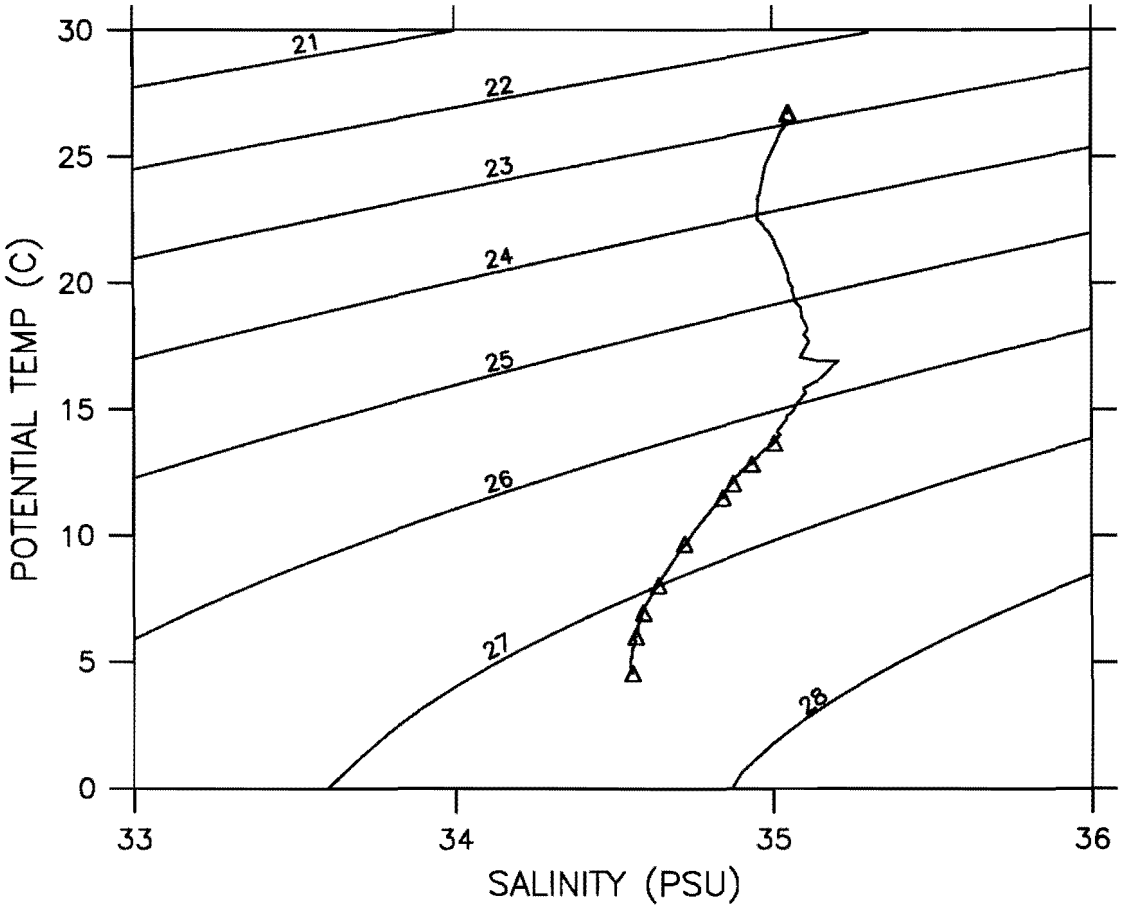


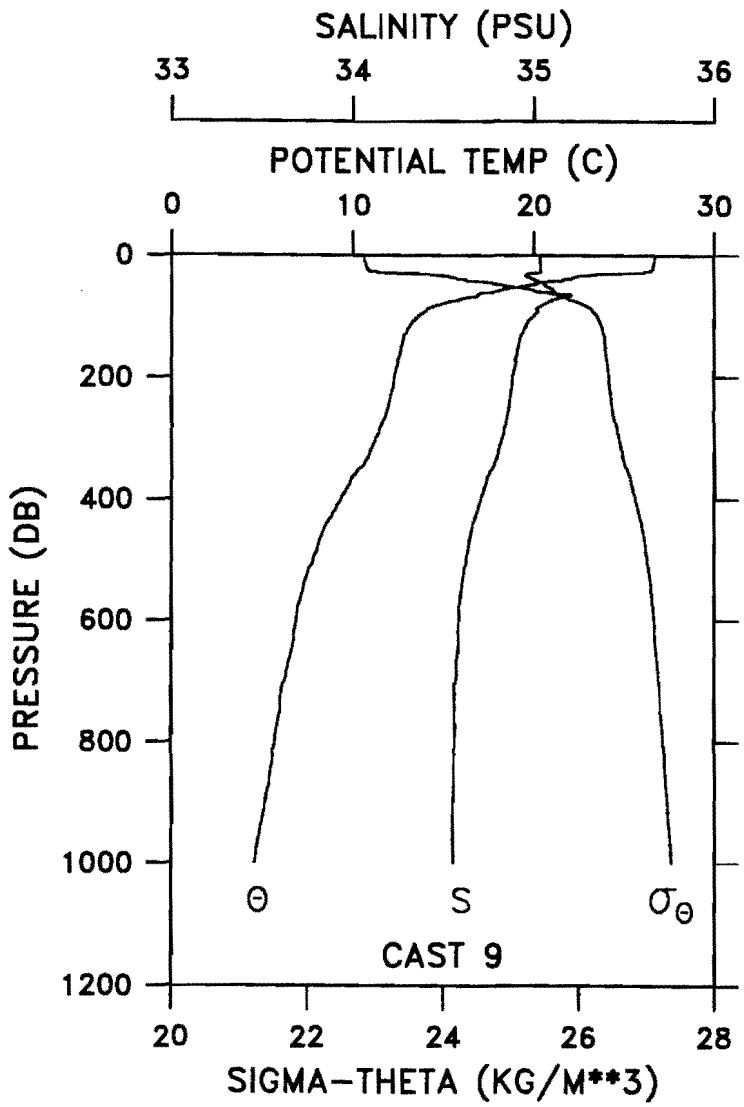
CAST EP1-94-MB -008 DATE 22 APR 94 TIME 0734 GMT
LAT 02 00.9S LONG 094 57.8W WEATHER 1 SEA STATE 1
BAROMETER 09 WIND DIR 080 T SPD 12 KT VISIBILITY 7
CLOUD 6 AMOUNT 2 DRY 24.8 WET 24.1 DEPTH 3382 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.550	35.033	23.504	0.000
10	23.445	35.065	23.856	0.042
20	21.120	35.096	24.536	0.079
30	18.231	35.141	25.324	0.109
40	16.786	35.119	25.657	0.134
50	15.827	35.056	25.831	0.157
60	15.169	35.022	25.952	0.178
70	14.543	34.986	26.062	0.198
80	14.431	34.976	26.078	0.218
90	14.108	34.956	26.131	0.237
100	13.828	34.931	26.171	0.256
110	13.551	34.917	26.217	0.274
120	13.501	34.913	26.224	0.292
130	13.444	34.908	26.233	0.310
140	13.399	34.907	26.241	0.329
150	13.357	34.906	26.249	0.347
160	13.330	34.908	26.256	0.365
170	13.310	34.909	26.261	0.383
180	13.220	34.903	26.274	0.401
190	13.192	34.903	26.279	0.419
200	13.186	34.905	26.283	0.436
250	12.769	34.892	26.356	0.525
300	11.524	34.834	26.551	0.607
350	10.210	34.753	26.724	0.680
400	9.446	34.710	26.819	0.747
450	8.538	34.660	26.925	0.811
500	7.990	34.632	26.987	0.870
550	7.502	34.611	27.042	0.926
600	7.037	34.596	27.096	0.981
650	6.585	34.586	27.149	1.032
700	6.124	34.578	27.204	1.081
750	5.641	34.564	27.253	1.128
800	5.327	34.564	27.291	1.173
900	4.861	34.568	27.349	1.258
988	4.505	34.574	27.393	1.329

CAST EP1-94-MB -009 DATE 23 APR 94 TIME 0413 GMT

LAT 04 58.6S LONG 095 01.4W



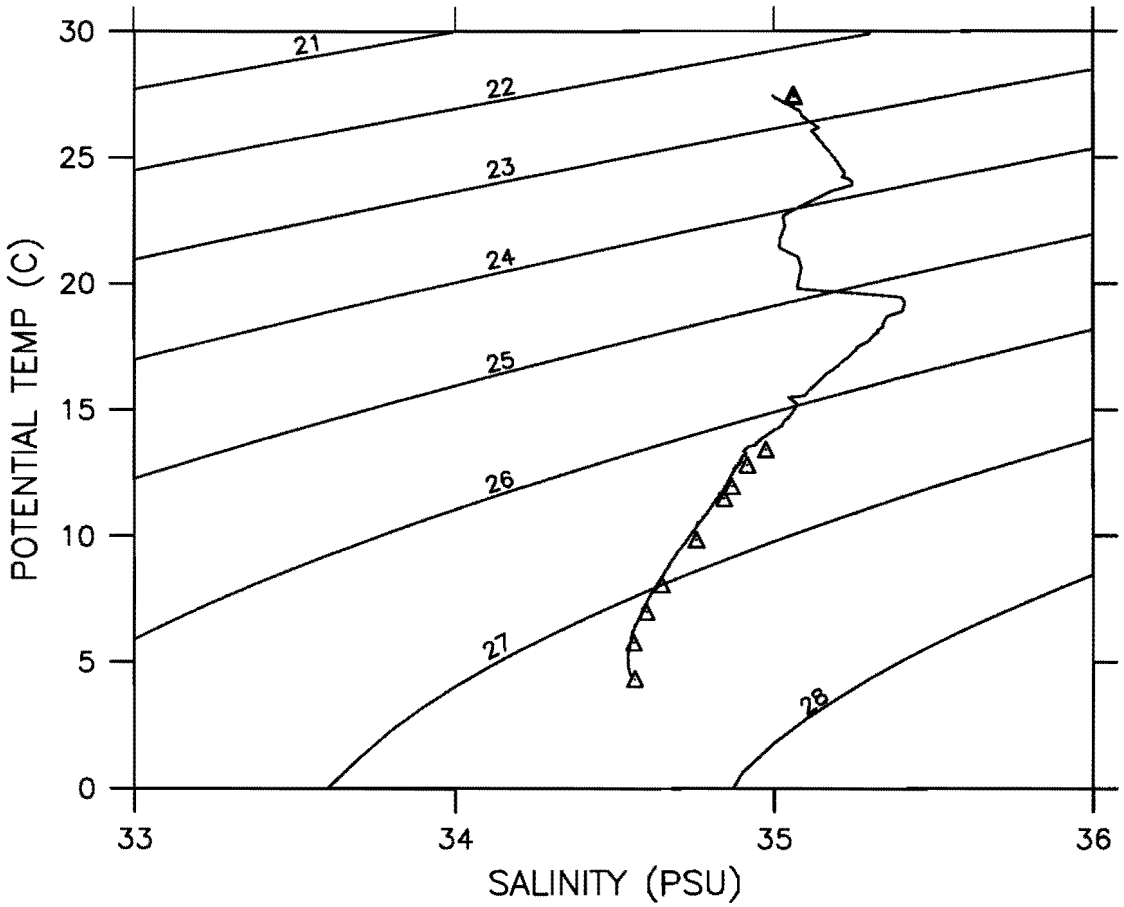


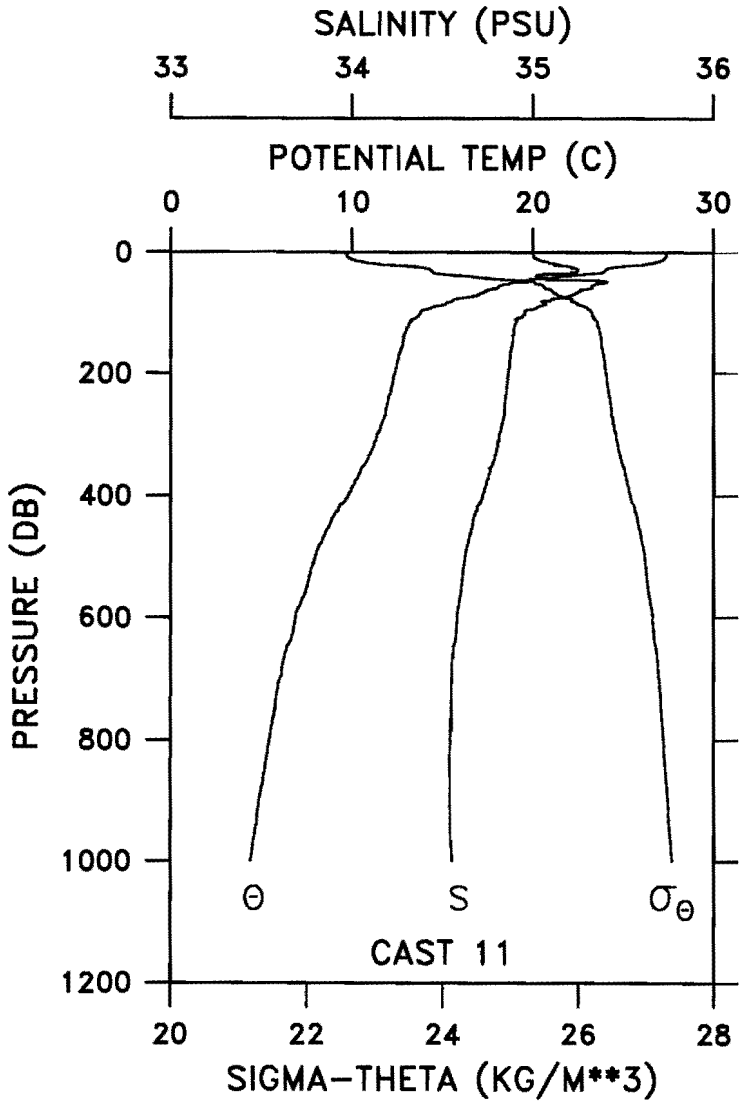
CAST EP1-94-MB -009 DATE 23 APR 94 TIME 0413 GMT
LAT 04 58.6S LONG 095 01.4W WEATHER 2 SEA STATE 5
BAROMETER 02 WIND DIR 135 T SPD 18 KT VISIBILITY 7
CLOUD 8 AMOUNT 8 DRY 25.8 WET 25.0 DEPTH 3902 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.717	35.036	22.837	0.000
10	26.707	35.035	22.840	0.050
20	26.613	35.037	22.871	0.100
30	24.598	34.978	23.448	0.149
40	21.618	35.009	24.332	0.188
50	19.802	35.060	24.861	0.221
60	17.937	35.099	25.364	0.249
70	16.257	35.153	25.807	0.273
80	14.918	35.065	26.041	0.294
90	14.077	35.015	26.183	0.313
100	13.617	35.000	26.267	0.331
110	13.297	34.968	26.309	0.349
120	13.040	34.949	26.346	0.366
130	12.851	34.932	26.371	0.383
140	12.774	34.922	26.378	0.400
150	12.675	34.913	26.391	0.416
160	12.623	34.908	26.397	0.433
170	12.522	34.900	26.411	0.450
180	12.467	34.899	26.421	0.466
190	12.379	34.892	26.433	0.483
200	12.306	34.884	26.441	0.499
250	11.954	34.864	26.493	0.580
300	11.245	34.822	26.592	0.658
350	10.319	34.764	26.713	0.731
400	9.359	34.708	26.831	0.798
450	8.417	34.657	26.942	0.860
500	7.826	34.628	27.008	0.918
550	7.269	34.601	27.067	0.974
600	6.879	34.588	27.111	1.026
650	6.630	34.582	27.140	1.078
700	6.239	34.569	27.182	1.128
750	5.997	34.562	27.207	1.176
800	5.709	34.563	27.244	1.223
900	5.144	34.553	27.304	1.313
1000	4.570	34.556	27.372	1.397
1003	4.562	34.556	27.373	1.400

CAST EP1-94-MB -011 DATE 26 APR 94 TIME 2245 GMT

LAT 04 59.4S LONG 110 01.7W



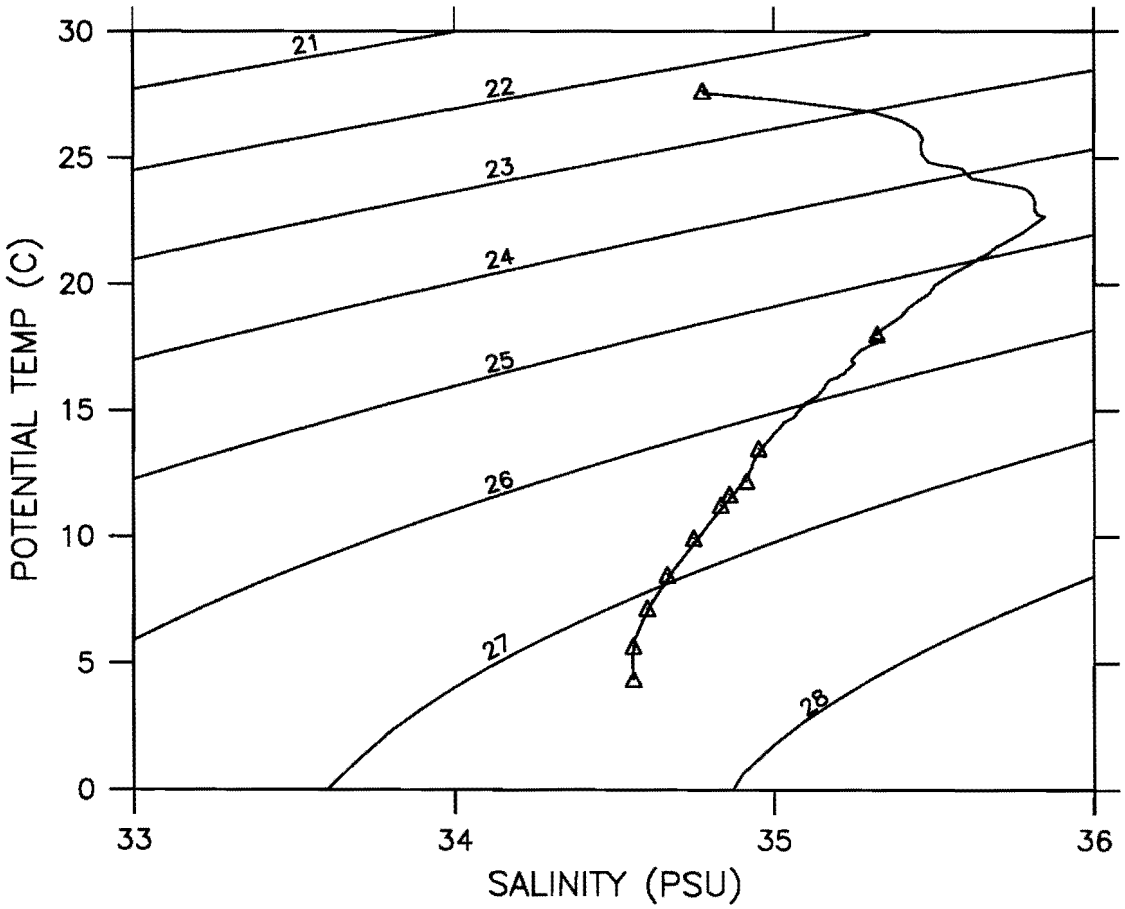


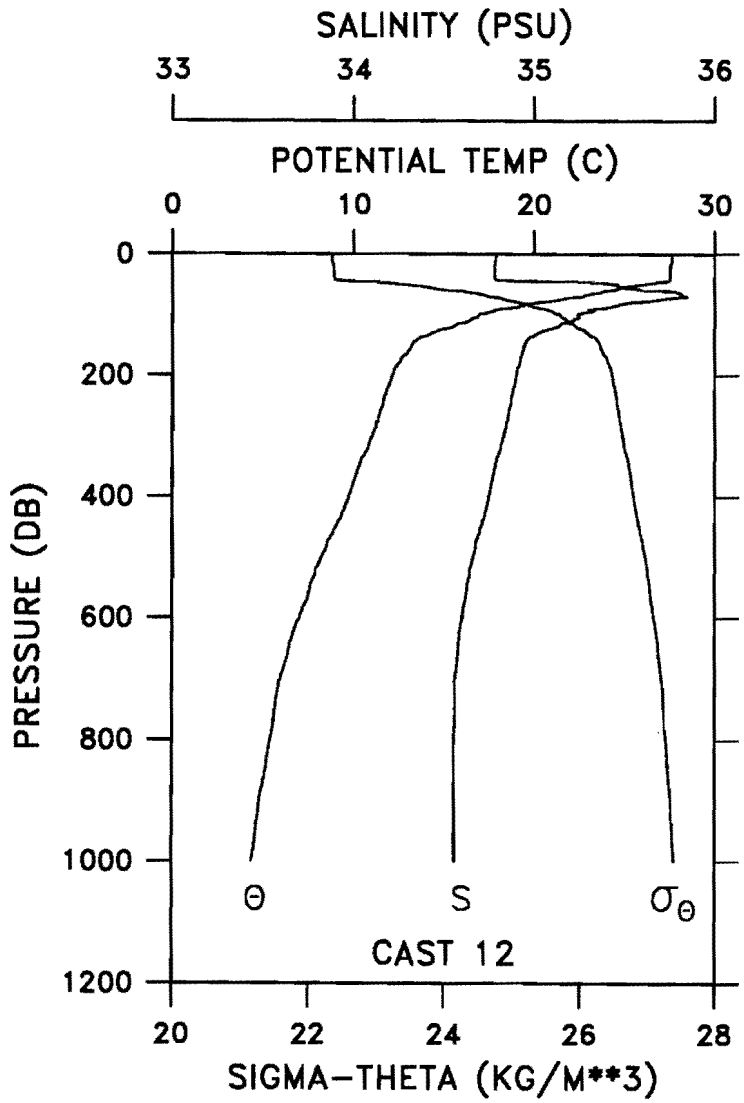
CAST EP1-94-MB -011 DATE 26 APR 94 TIME 2245 GMT
LAT 04 59.4S LONG 110 01.7W WEATHER 0 SEA STATE 3
BAROMETER 08 WIND DIR 130 T SPD 20 KT VISIBILITY 7
CLOUD 0 AMOUNT 0 DRY 27.7 WET 25.0 DEPTH 3557 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.449	34.998	22.574	0.000
10	27.315	35.013	22.629	0.052
20	26.183	35.142	23.085	0.103
30	24.002	35.245	23.828	0.146
40	21.433	35.017	24.390	0.186
50	18.906	35.404	25.355	0.216
60	17.968	35.314	25.522	0.242
70	16.975	35.221	25.691	0.265
80	15.568	35.097	25.921	0.287
90	14.520	35.029	26.100	0.308
100	13.773	34.954	26.200	0.326
110	13.372	34.905	26.244	0.345
120	13.140	34.901	26.288	0.362
130	12.974	34.894	26.317	0.380
140	12.857	34.890	26.337	0.397
150	12.814	34.887	26.343	0.414
160	12.715	34.882	26.359	0.431
170	12.603	34.875	26.375	0.448
180	12.526	34.871	26.388	0.465
190	12.483	34.870	26.396	0.482
200	12.376	34.865	26.412	0.498
250	11.957	34.846	26.478	0.580
300	11.385	34.815	26.561	0.659
350	10.673	34.776	26.660	0.735
400	9.769	34.721	26.774	0.805
450	8.716	34.665	26.901	0.869
500	7.965	34.627	26.986	0.929
550	7.511	34.604	27.035	0.986
600	6.891	34.580	27.103	1.040
650	6.397	34.562	27.155	1.091
700	6.009	34.550	27.196	1.140
750	5.744	34.547	27.227	1.187
800	5.440	34.542	27.260	1.234
900	4.875	34.540	27.325	1.321
1000	4.377	34.551	27.389	1.403
1002	4.369	34.551	27.390	1.405

CAST EP1-94-MB -012 DATE 28 APR 94 TIME 0148 GMT

LAT 08 00.2S LONG 109 58.5W



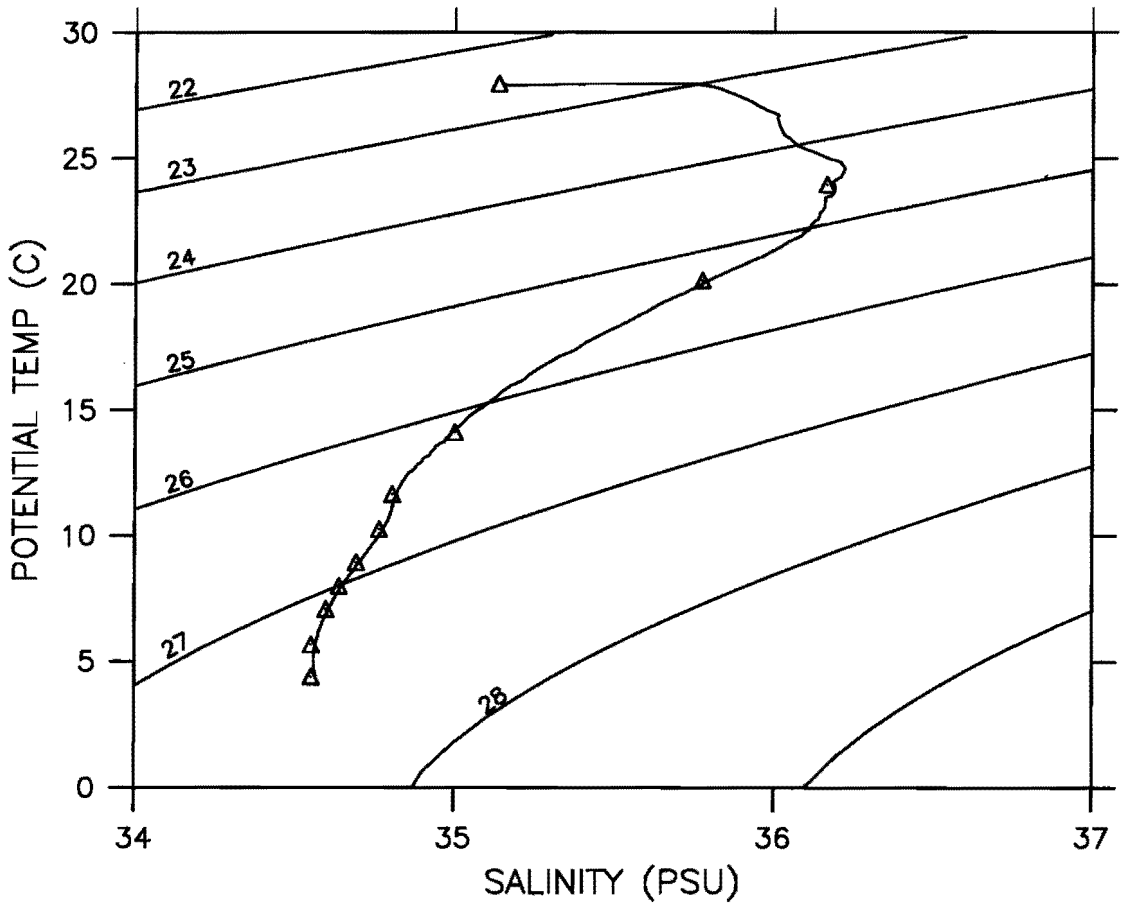


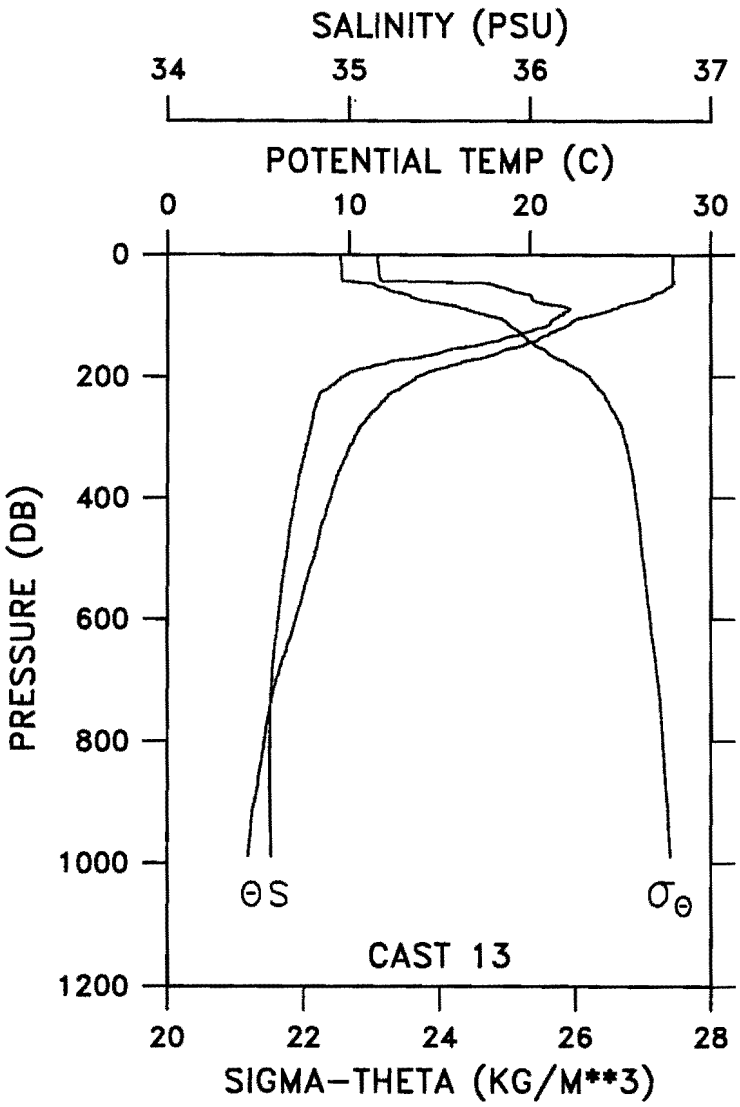
CAST EP1-94-MB -012 DATE 28 APR 94 TIME 0148 GMT
LAT 08 00.2S LONG 109 58.5W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 128 T SPD 13 KT VISIBILITY 7
CLOUD 8 AMOUNT 6 DRY 27.0 WET 24.0 DEPTH 3424 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.656	34.784	22.346	0.000
10	27.658	34.786	22.347	0.055
20	27.565	34.780	22.372	0.110
30	27.551	34.780	22.377	0.164
40	27.543	34.783	22.382	0.219
50	26.060	35.453	23.358	0.270
60	24.173	35.620	24.061	0.312
70	22.673	35.846	24.671	0.347
80	20.124	35.524	25.130	0.377
90	18.216	35.340	25.480	0.404
100	16.948	35.243	25.714	0.428
110	16.408	35.210	25.816	0.451
120	15.503	35.127	25.959	0.472
130	14.327	35.019	26.133	0.492
140	13.544	34.966	26.257	0.511
150	13.218	34.946	26.308	0.528
160	13.034	34.937	26.338	0.546
170	12.670	34.926	26.402	0.563
180	12.532	34.922	26.426	0.579
190	12.270	34.908	26.466	0.595
200	12.140	34.902	26.487	0.611
250	11.605	34.868	26.562	0.689
300	11.048	34.830	26.635	0.764
350	10.305	34.785	26.732	0.835
400	9.723	34.749	26.803	0.903
450	9.015	34.705	26.885	0.968
500	8.225	34.662	26.975	1.028
550	7.605	34.628	27.040	1.085
600	7.035	34.603	27.101	1.139
650	6.442	34.580	27.164	1.190
700	5.967	34.563	27.212	1.239
750	5.647	34.562	27.251	1.285
800	5.394	34.558	27.278	1.330
900	4.804	34.556	27.346	1.416
999	4.373	34.558	27.395	1.496

CAST EP1-94-MB -013 DATE 30 APR 94 TIME 2104 GMT

LAT 07 59.4S LONG 124 59.9W



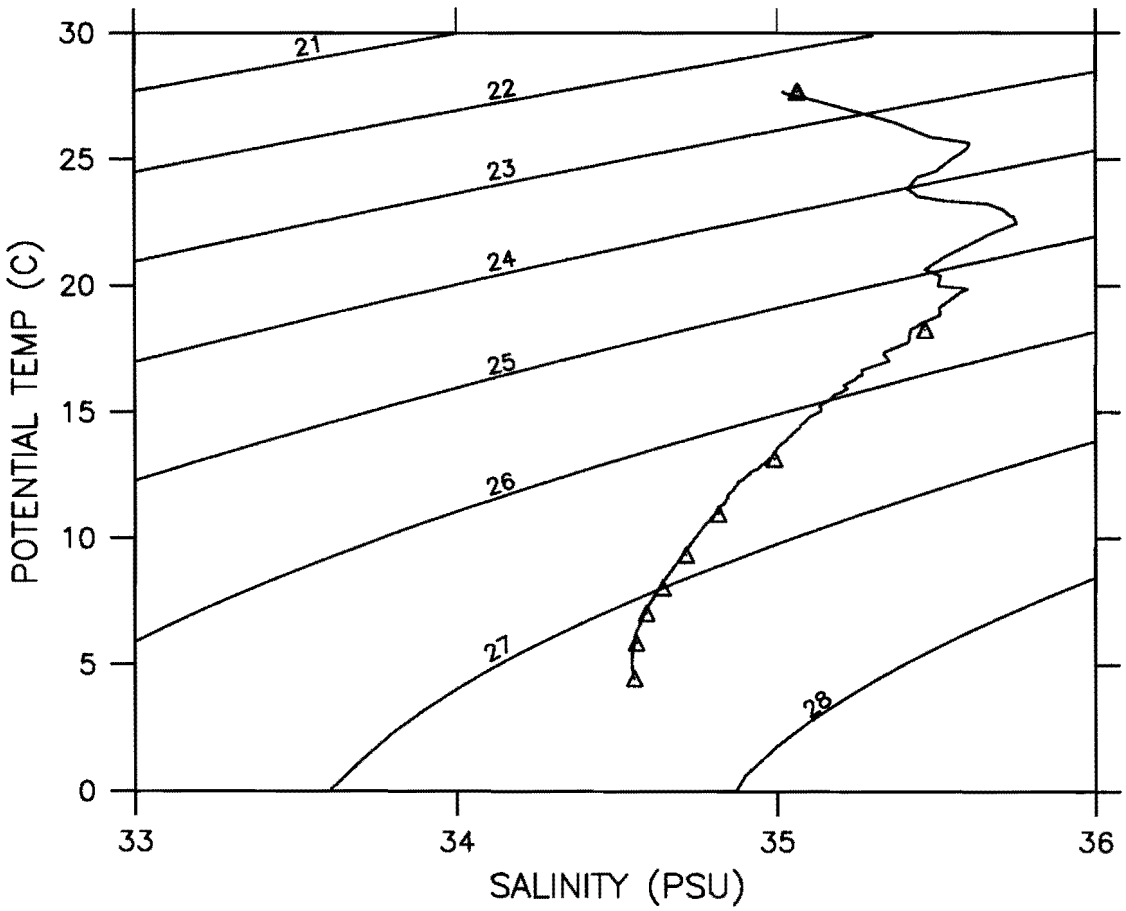


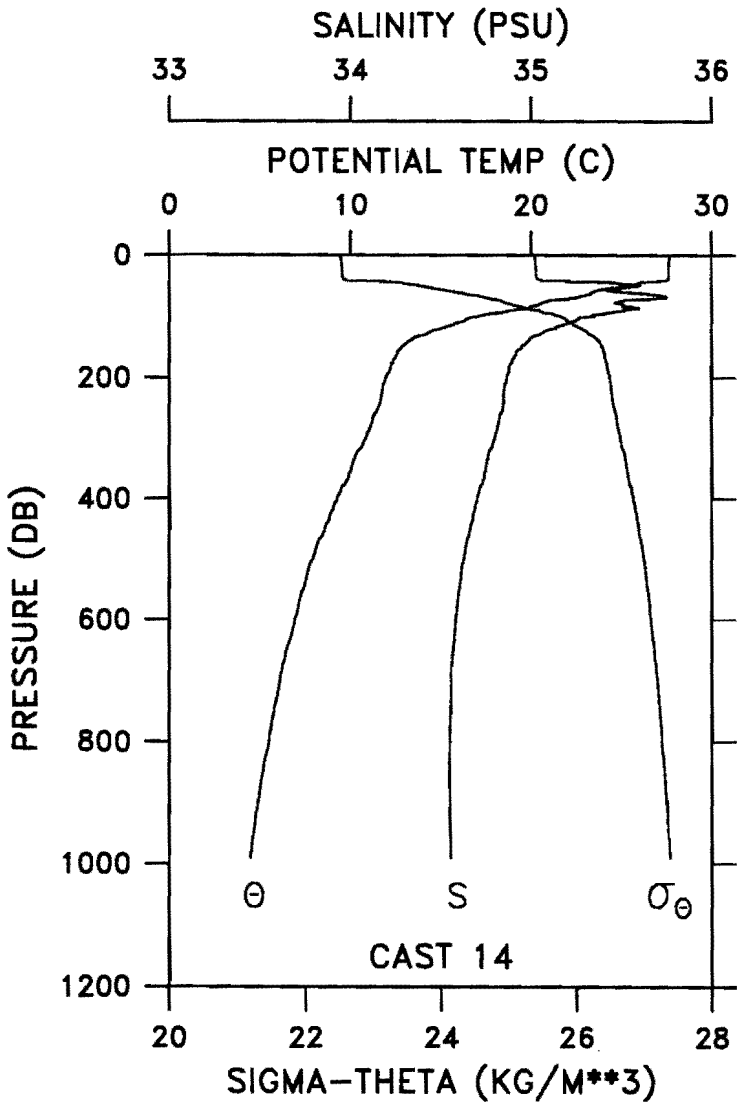
CAST EP1-94-MB -013 DATE 30 APR 94 TIME 2104 GMT
LAT 07 59.4S LONG 124 59.9W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 115 T SPD 20 KT VISIBILITY 7
CLOUD 8 AMOUNT 6 DRY 28.1 WET 25.3 DEPTH 4521 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.944	35.155	22.531	0.000
10	27.918	35.156	22.541	0.053
20	27.897	35.161	22.552	0.106
30	27.891	35.165	22.557	0.159
40	27.891	35.172	22.562	0.212
50	27.831	35.806	23.058	0.262
60	27.338	35.909	23.296	0.309
70	26.583	36.008	23.612	0.354
80	25.452	36.077	24.019	0.395
90	24.516	36.218	24.411	0.432
100	23.257	36.158	24.739	0.466
110	22.302	36.114	24.981	0.497
120	21.743	36.050	25.089	0.527
130	21.026	35.945	25.208	0.555
140	20.380	35.832	25.297	0.583
150	19.404	35.672	25.432	0.609
160	18.286	35.507	25.590	0.634
170	17.239	35.349	25.726	0.658
180	15.838	35.162	25.910	0.680
190	14.616	35.036	26.084	0.701
200	13.721	34.967	26.221	0.720
250	11.605	34.815	26.521	0.805
300	10.307	34.777	26.725	0.878
350	9.517	34.735	26.826	0.945
400	8.978	34.704	26.890	1.007
450	8.421	34.671	26.952	1.068
500	8.050	34.650	26.992	1.126
550	7.531	34.625	27.049	1.183
600	7.048	34.606	27.102	1.236
650	6.523	34.586	27.158	1.288
700	5.970	34.571	27.218	1.336
750	5.596	34.565	27.260	1.382
800	5.304	34.562	27.293	1.427
900	4.777	34.562	27.354	1.511
989	4.405	34.567	27.399	1.582

CAST EP1-94-MB -014 DATE 01 MAY 94 TIME 2103 GMT

LAT 04 58.7S LONG 124 56.0W



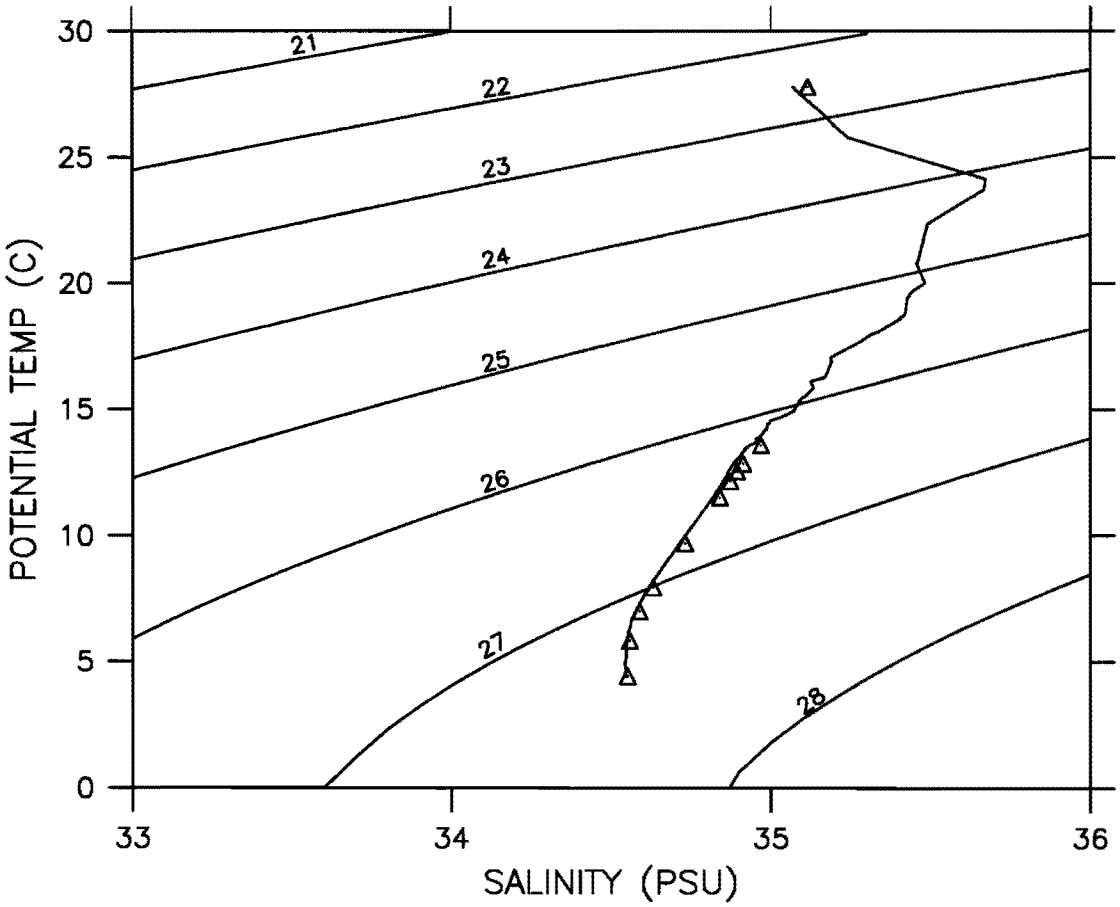


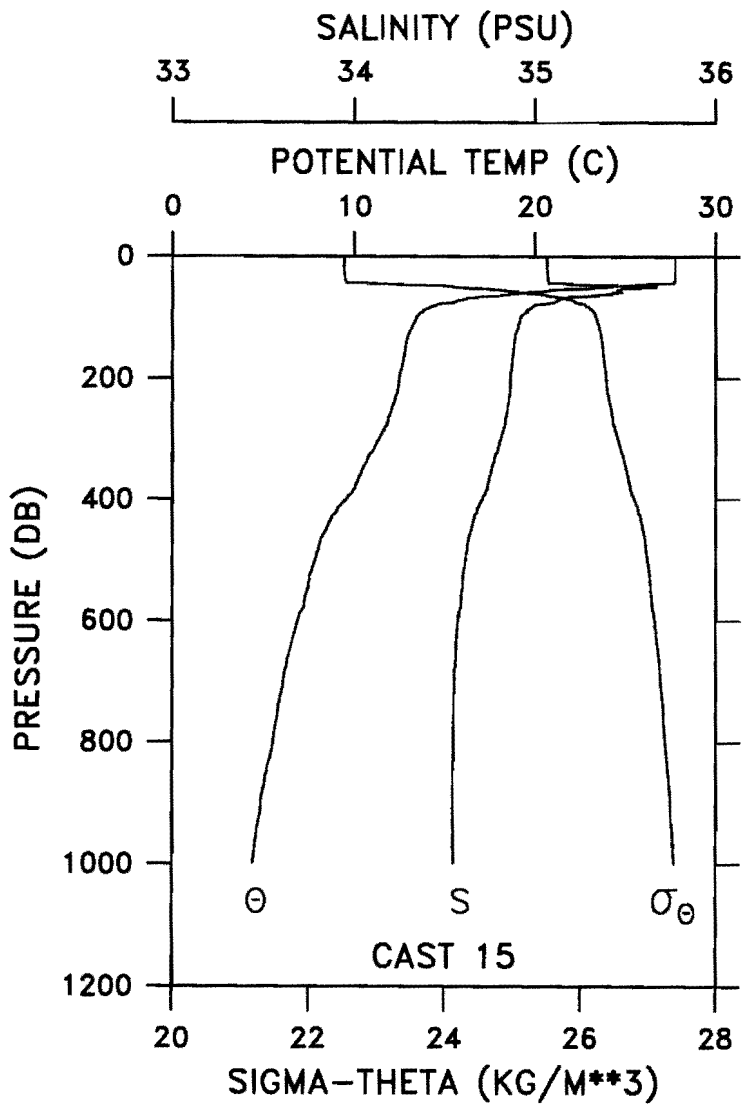
CAST EP1-94-MB -014 DATE 01 MAY 94 TIME 2103 GMT
LAT 04 58.7S LONG 124 56.0W WEATHER 1 SEA STATE 5
BAROMETER 10 WIND DIR 132 T SPD 20 KT VISIBILITY 7
CLOUD 9 AMOUNT 6 DRY 29.1 WET 26.1 DEPTH 4537 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.681	35.022	22.518	0.000
10	27.635	35.021	22.532	0.053
20	27.620	35.024	22.539	0.106
30	27.611	35.026	22.543	0.159
40	27.543	35.057	22.588	0.212
50	25.236	35.576	23.707	0.258
60	23.385	35.517	24.216	0.298
70	22.130	35.686	24.704	0.333
80	20.392	35.515	25.051	0.364
90	18.847	35.513	25.454	0.391
100	17.030	35.352	25.778	0.415
110	15.935	35.221	25.933	0.437
120	14.928	35.118	26.080	0.458
130	13.977	35.035	26.219	0.476
140	13.203	34.982	26.339	0.494
150	12.826	34.946	26.387	0.511
160	12.574	34.916	26.413	0.528
170	12.399	34.898	26.434	0.544
180	12.249	34.881	26.449	0.560
190	12.135	34.876	26.467	0.576
200	11.947	34.866	26.496	0.592
250	11.511	34.842	26.559	0.670
300	10.849	34.798	26.646	0.745
350	10.039	34.747	26.748	0.815
400	9.266	34.702	26.842	0.882
450	8.575	34.662	26.921	0.944
500	7.912	34.628	26.995	1.003
550	7.368	34.602	27.053	1.059
600	6.891	34.582	27.104	1.112
650	6.452	34.567	27.152	1.164
700	6.069	34.558	27.195	1.213
750	5.759	34.555	27.231	1.260
800	5.466	34.550	27.263	1.306
900	4.873	34.548	27.332	1.393
990	4.459	34.553	27.382	1.467

CAST EP1-94-MB -015 DATE 02 MAY 94 TIME 1321 GMT

LAT 04 00.0S LONG 125 00.4W



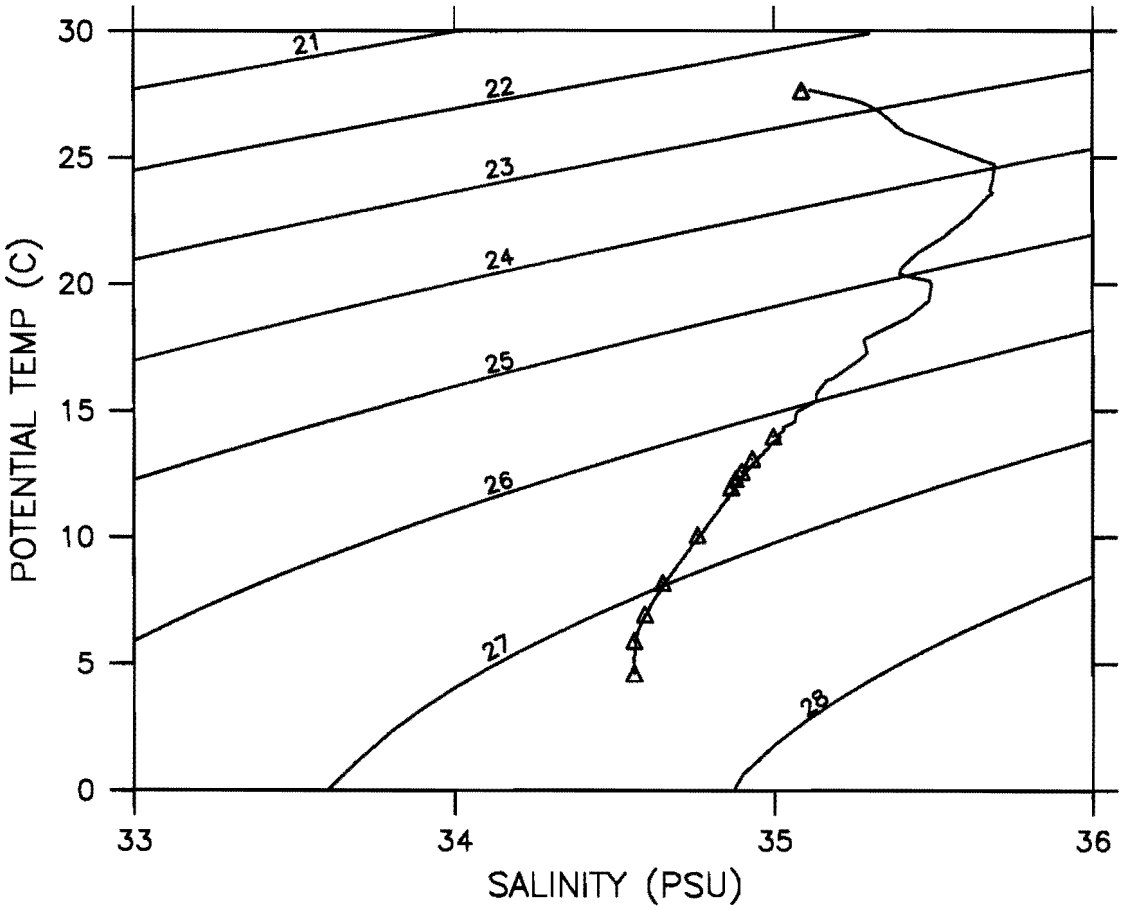


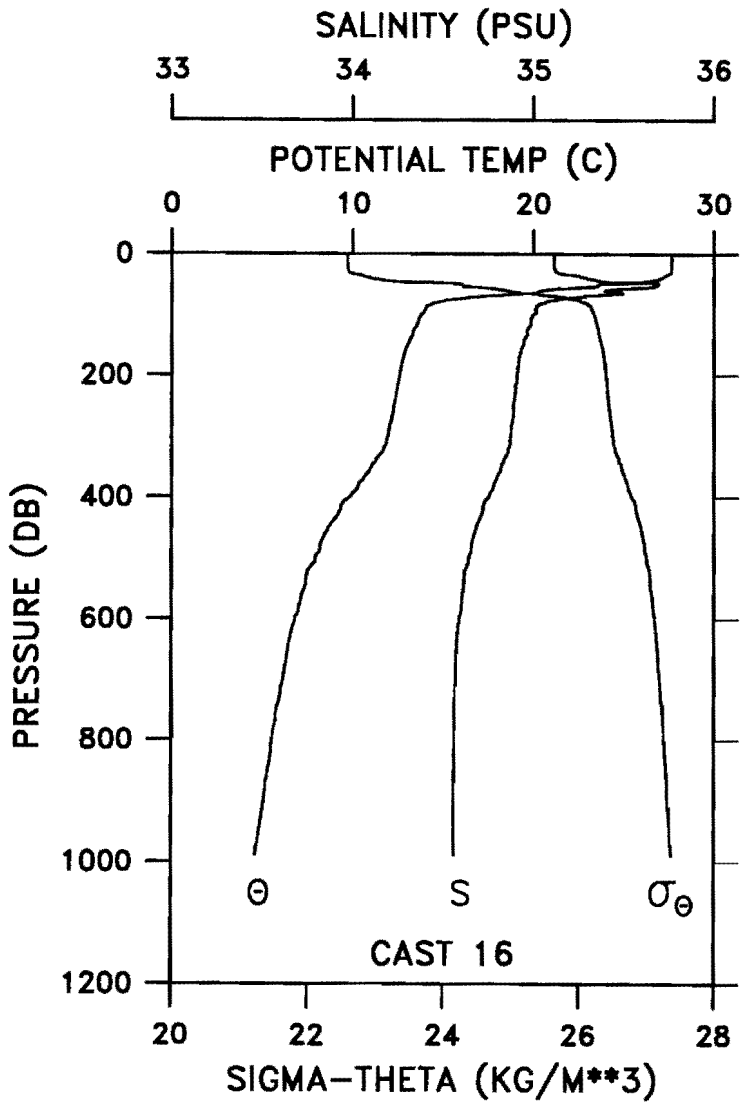
CAST EP1-94-MB -015 DATE 02 MAY 94 TIME 1321 GMT
LAT 04 00.0S LONG 125 00.4W WEATHER 0 SEA STATE 0
BAROMETER 53 WIND DIR 000 T SPD 00 KT VISIBILITY 0
CLOUD 0 AMOUNT 0 DRY 00.0 WET 00.0 DEPTH 0000 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.792	35.067	22.515	0.000
10	27.786	35.067	22.517	0.053
20	27.783	35.069	22.519	0.106
30	27.757	35.071	22.530	0.160
40	27.736	35.074	22.539	0.213
50	23.927	35.670	24.172	0.260
60	19.415	35.426	25.242	0.291
70	16.116	35.123	25.817	0.315
80	14.490	34.997	26.081	0.336
90	13.794	34.961	26.201	0.355
100	13.454	34.923	26.242	0.373
110	13.284	34.910	26.267	0.391
120	13.142	34.904	26.290	0.408
130	12.960	34.890	26.317	0.426
140	12.889	34.886	26.327	0.443
150	12.824	34.882	26.337	0.460
160	12.783	34.879	26.343	0.477
170	12.721	34.876	26.353	0.495
180	12.660	34.873	26.363	0.512
190	12.556	34.868	26.379	0.529
200	12.494	34.865	26.389	0.545
250	12.073	34.849	26.458	0.629
300	11.378	34.812	26.561	0.708
350	10.460	34.761	26.686	0.782
400	9.580	34.710	26.797	0.852
450	8.471	34.649	26.927	0.915
500	7.860	34.616	26.994	0.973
550	7.419	34.597	27.042	1.029
600	6.894	34.575	27.099	1.083
650	6.442	34.564	27.151	1.135
700	6.096	34.556	27.190	1.184
750	5.778	34.552	27.227	1.232
800	5.544	34.550	27.254	1.278
900	4.866	34.546	27.331	1.366
1000	4.416	34.549	27.384	1.447
1000	4.416	34.549	27.384	1.447

CAST EP1-94-MB -016 DATE 02 MAY 94 TIME 0858 GMT

LAT 02 59.9S LONG 124 59.8W



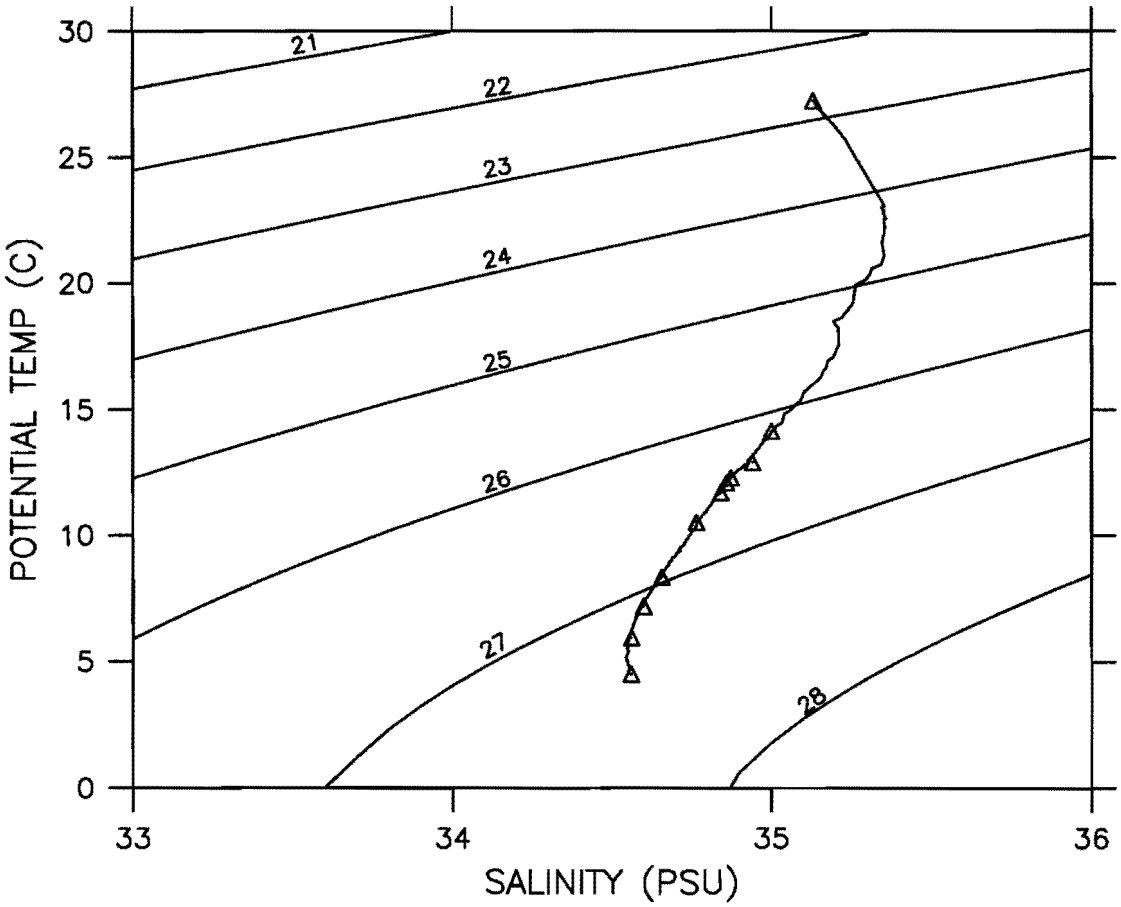


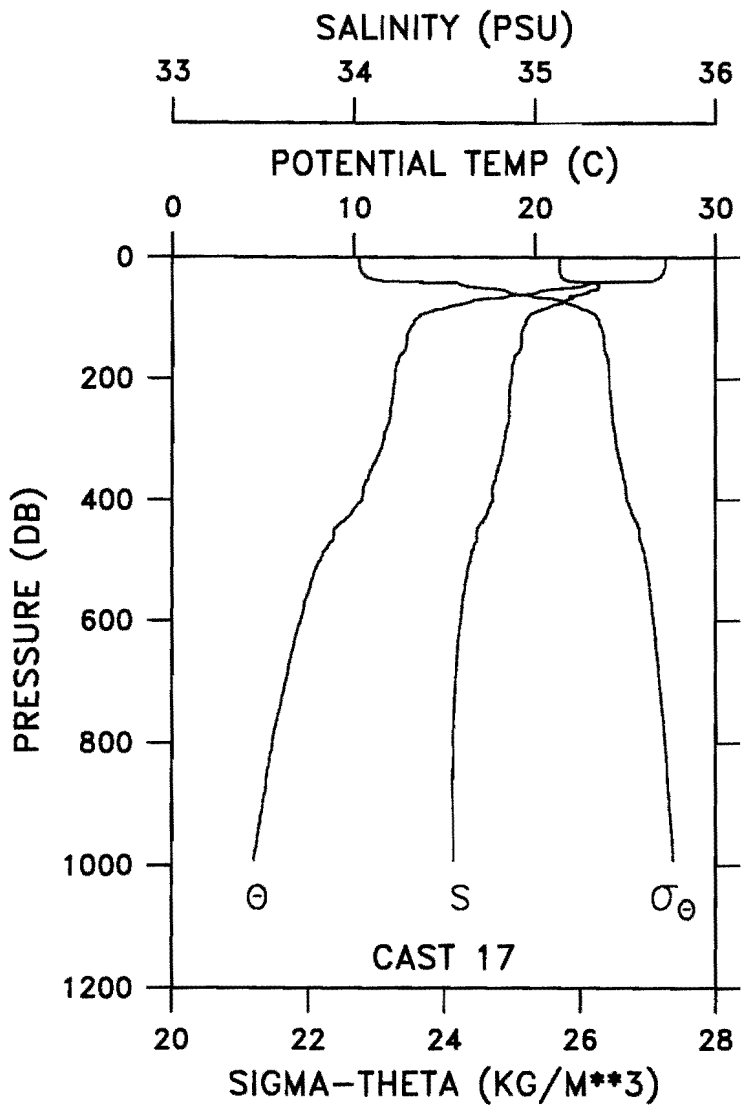
CAST EP1-94-MB -016 DATE 02 MAY 94 TIME 0858 GMT
LAT 02 59.9S LONG 124 59.8W WEATHER 2 SEA STATE 4
BAROMETER 08 WIND DIR 110 T SPD 20 KT VISIBILITY 7
CLOUD 7 AMOUNT 7 DRY 26.9 WET 25.8 DEPTH 4548 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.672	35.116	22.591	0.000
10	27.672	35.114	22.589	0.052
20	27.670	35.113	22.589	0.105
30	27.633	35.128	22.613	0.158
40	27.064	35.298	22.924	0.208
50	23.608	35.689	24.281	0.252
60	20.405	35.397	24.958	0.286
70	16.997	35.267	25.721	0.313
80	14.548	35.064	26.120	0.334
90	14.018	35.010	26.192	0.352
100	13.758	34.996	26.235	0.371
110	13.606	34.984	26.258	0.389
120	13.456	34.974	26.281	0.406
130	13.326	34.965	26.300	0.424
140	13.188	34.953	26.320	0.441
150	13.036	34.943	26.342	0.459
160	12.885	34.932	26.363	0.476
170	12.780	34.922	26.377	0.493
180	12.692	34.917	26.390	0.509
190	12.644	34.914	26.398	0.526
200	12.581	34.910	26.407	0.543
250	12.271	34.889	26.452	0.625
300	11.943	34.875	26.503	0.706
350	11.022	34.822	26.633	0.784
400	9.840	34.752	26.786	0.855
450	8.656	34.683	26.925	0.918
500	7.939	34.644	27.004	0.977
550	7.320	34.612	27.069	1.032
600	6.807	34.591	27.123	1.085
650	6.407	34.576	27.165	1.135
700	6.133	34.570	27.196	1.184
750	5.776	34.563	27.236	1.231
800	5.528	34.562	27.265	1.277
900	5.097	34.558	27.314	1.366
989	4.627	34.560	27.369	1.440

CAST EP1-94-MB -017 DATE 02 MAY 94 TIME 1438 GMT

LAT 02 00.9S LONG 124 54.2W



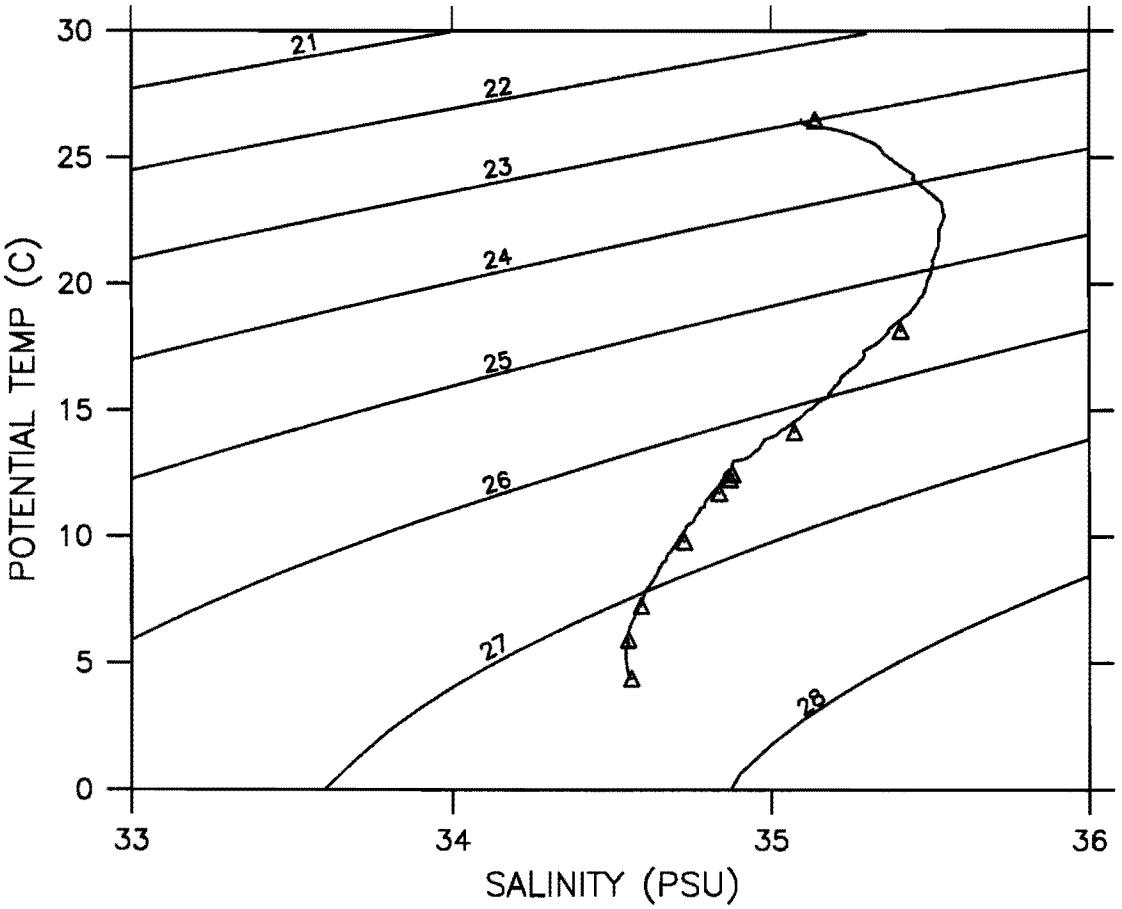


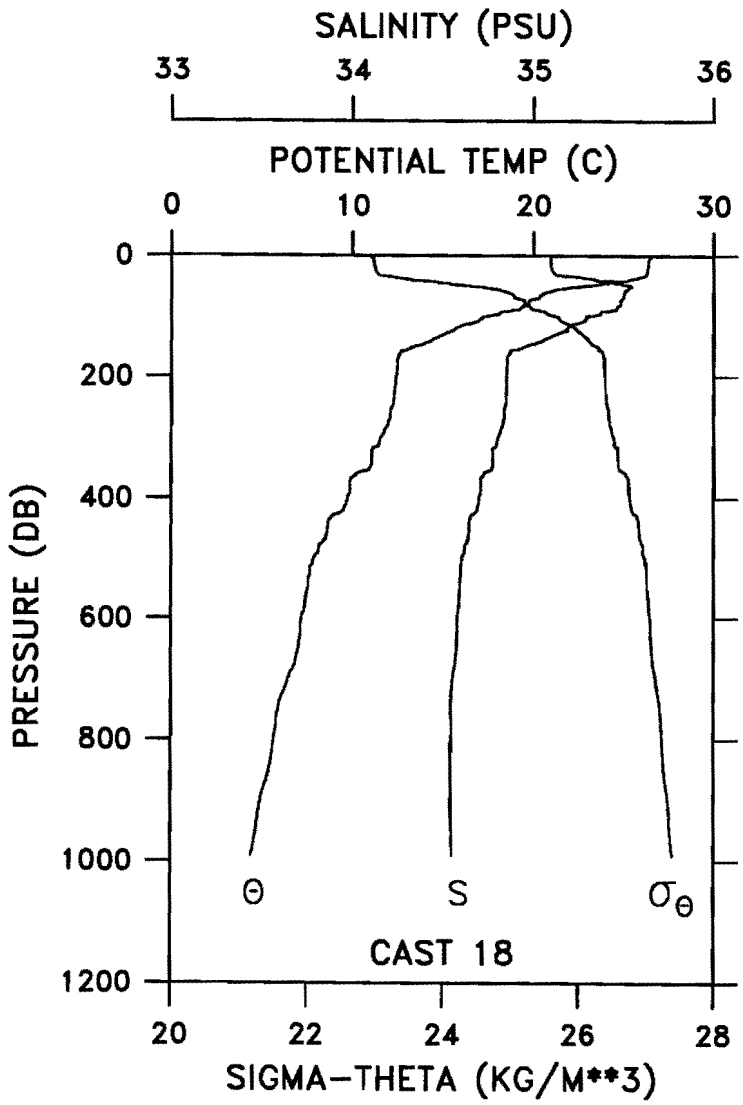
CAST EP1-94-MB -017 DATE 02 MAY 94 TIME 1438 GMT
LAT 02 00.9S LONG 124 54.2W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 100 T SPD 18 KT VISIBILITY 7
CLOUD 4 AMOUNT 6 DRY 27.2 WET 25.0 DEPTH 4670 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.255	35.136	22.740	0.000
10	27.227	35.134	22.748	0.051
20	27.183	35.135	22.763	0.102
30	27.014	35.143	22.823	0.153
40	25.715	35.230	23.297	0.202
50	21.867	35.349	24.522	0.240
60	19.975	35.264	24.971	0.271
70	16.926	35.176	25.668	0.297
80	15.517	35.095	25.931	0.319
90	14.219	35.008	26.147	0.339
100	13.535	34.964	26.257	0.357
110	13.323	34.951	26.290	0.375
120	13.077	34.933	26.326	0.392
130	12.934	34.926	26.349	0.410
140	12.909	34.926	26.355	0.427
150	12.857	34.922	26.362	0.444
160	12.607	34.898	26.393	0.460
170	12.445	34.885	26.414	0.477
180	12.330	34.874	26.428	0.493
190	12.297	34.874	26.435	0.510
200	12.277	34.872	26.437	0.526
250	12.034	34.857	26.472	0.608
300	11.666	34.836	26.525	0.688
350	10.940	34.798	26.629	0.764
400	10.452	34.766	26.692	0.837
450	8.932	34.681	26.879	0.905
500	8.181	34.644	26.968	0.966
550	7.565	34.612	27.034	1.023
600	7.086	34.591	27.085	1.077
650	6.629	34.573	27.134	1.129
700	6.261	34.563	27.174	1.180
750	5.881	34.554	27.215	1.228
800	5.516	34.548	27.256	1.274
900	5.001	34.550	27.319	1.363
991	4.503	34.553	27.377	1.438

CAST EP1-94-MB -018 DATE 02 MAY 94 TIME 2030 GMT

LAT 01 00.1S LONG 124 59.5W



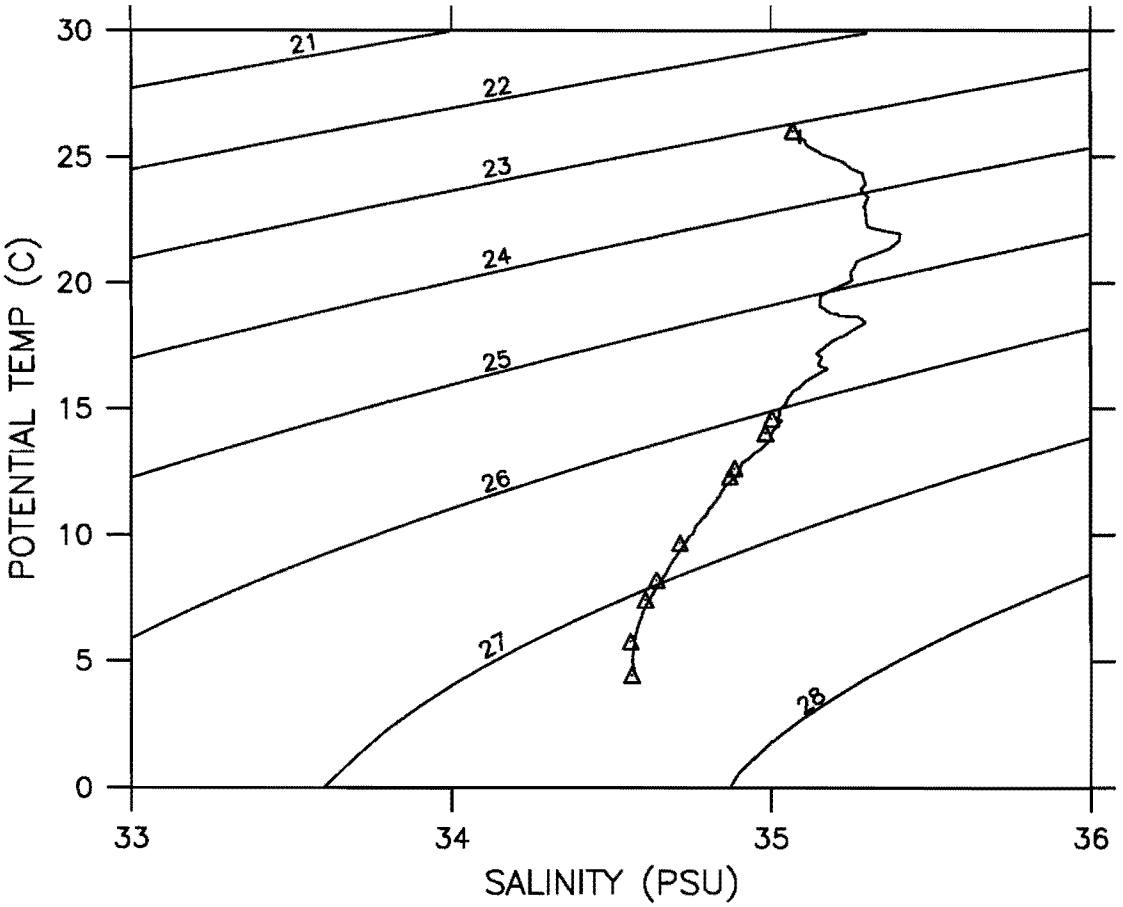


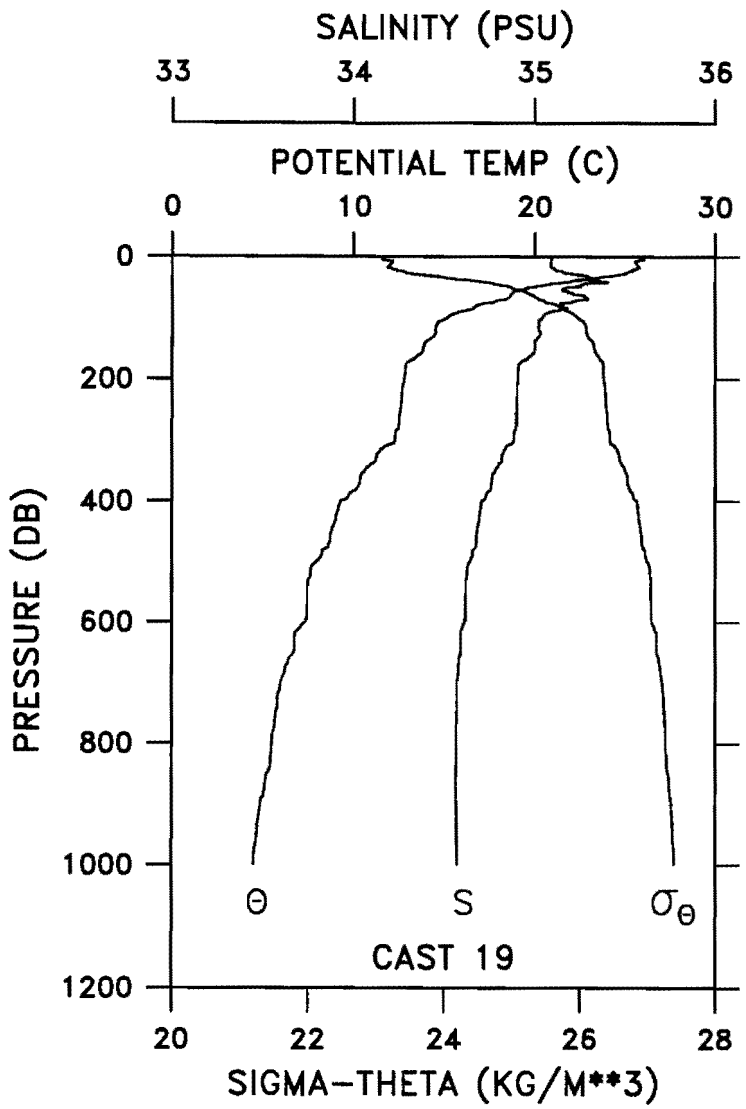
CAST EP1-94-MB -018 DATE 02 MAY 94 TIME 2030 GMT
LAT 01 00.1S LONG 124 59.5W WEATHER 1 SEA STATE 4
BAROMETER 08 WIND DIR 085 T SPD 20 KT VISIBILITY 7
CLOUD 8 AMOUNT 5 DRY 27.7 WET 25.9 DEPTH 4597 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.494	35.094	22.952	0.000
10	26.397	35.096	22.984	0.049
20	26.347	35.100	23.002	0.098
30	26.271	35.118	23.039	0.146
40	25.248	35.350	23.532	0.192
50	22.858	35.542	24.387	0.232
60	20.805	35.510	24.936	0.264
70	20.265	35.498	25.072	0.294
80	19.693	35.484	25.213	0.322
90	18.839	35.436	25.396	0.349
100	17.335	35.291	25.658	0.374
110	16.714	35.265	25.786	0.397
120	15.739	35.187	25.952	0.418
130	15.058	35.126	26.057	0.439
140	14.358	35.052	26.152	0.458
150	13.453	34.958	26.269	0.477
160	12.657	34.871	26.362	0.494
170	12.508	34.855	26.378	0.511
180	12.494	34.855	26.382	0.528
190	12.459	34.853	26.387	0.545
200	12.407	34.851	26.395	0.561
250	12.169	34.842	26.435	0.645
300	11.574	34.804	26.517	0.726
350	10.957	34.771	26.605	0.803
400	9.736	34.700	26.763	0.873
450	8.646	34.645	26.896	0.938
500	7.899	34.608	26.981	0.998
550	7.554	34.595	27.021	1.055
600	7.215	34.582	27.060	1.110
650	7.026	34.577	27.082	1.165
700	6.444	34.556	27.144	1.218
750	5.904	34.545	27.206	1.267
800	5.653	34.546	27.238	1.314
900	4.934	34.545	27.322	1.404
991	4.396	34.552	27.388	1.479

CAST EP1-94-MB -019 DATE 03 MAY 94 TIME 0406 GMT

LAT 00 01.2N LONG 124 19.5W



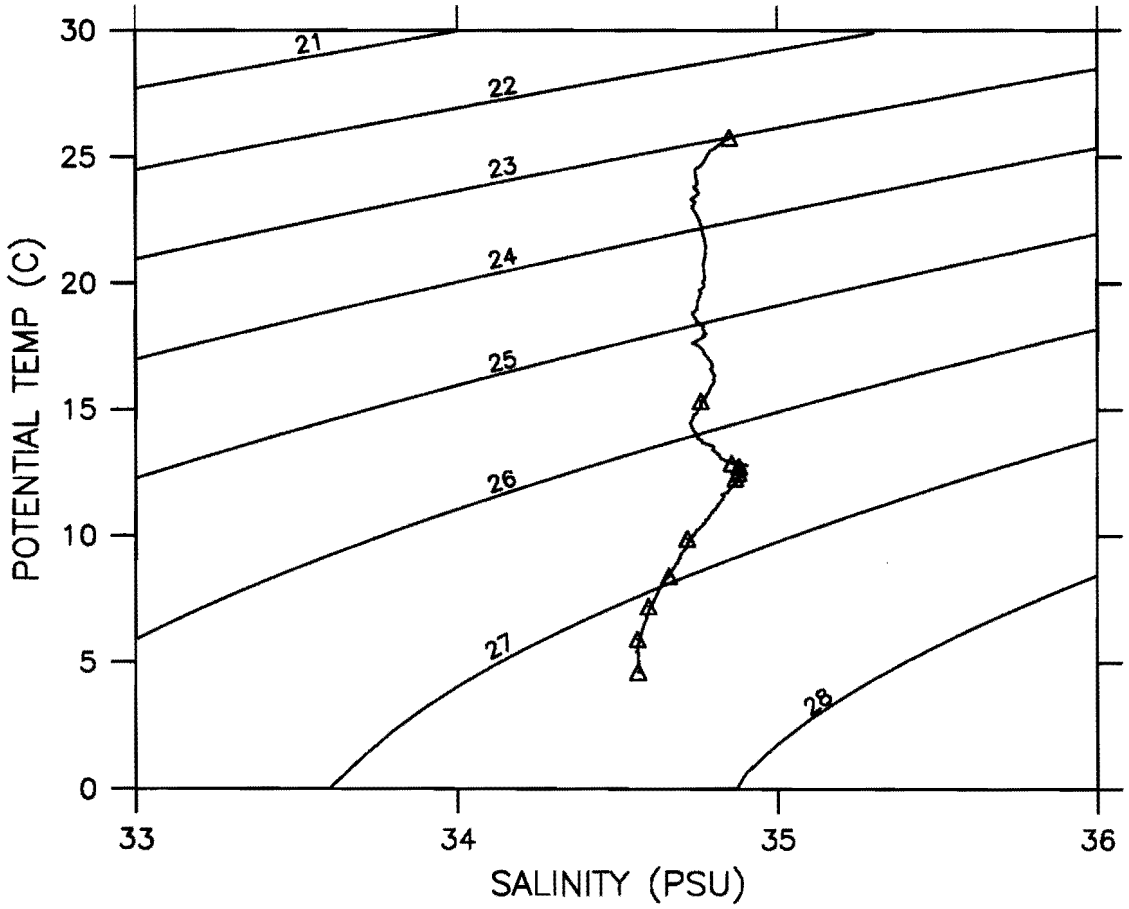


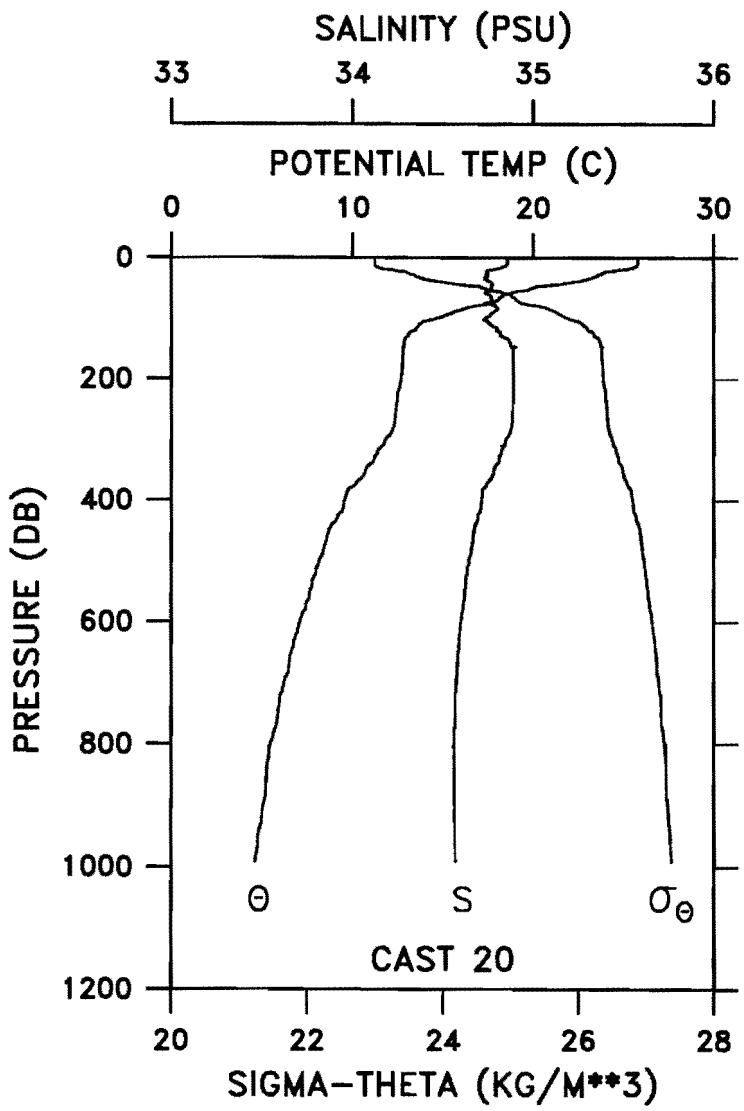
CAST EP1-94-MB -019 DATE 03 MAY 94 TIME 0406 GMT
LAT 00 01.2N LONG 124 19.5W WEATHER 1 SEA STATE 5
BAROMETER 08 WIND DIR 093 T SPD 16 KT VISIBILITY 7
CLOUD 6 AMOUNT 3 DRY 27.0 WET 26.0 DEPTH 4668 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.044	35.093	23.092	0.000
10	25.608	35.089	23.224	0.047
20	25.628	35.107	23.231	0.094
30	24.532	35.252	23.675	0.139
40	22.042	35.362	24.483	0.177
50	19.691	35.184	24.985	0.209
60	18.771	35.208	25.240	0.238
70	18.407	35.295	25.398	0.264
80	16.810	35.150	25.675	0.289
90	15.833	35.088	25.854	0.312
100	15.131	35.041	25.975	0.333
110	14.616	35.025	26.076	0.353
120	14.528	35.023	26.093	0.372
130	14.404	35.024	26.120	0.391
140	13.979	34.998	26.191	0.410
150	13.863	35.000	26.217	0.429
160	13.617	34.985	26.256	0.447
170	13.082	34.935	26.326	0.465
180	12.883	34.910	26.347	0.482
190	12.860	34.908	26.350	0.499
200	12.816	34.907	26.358	0.516
250	12.596	34.901	26.397	0.601
300	12.286	34.886	26.446	0.685
350	10.631	34.783	26.673	0.762
400	9.304	34.710	26.842	0.831
450	8.800	34.684	26.903	0.894
500	7.998	34.643	26.994	0.954
550	7.480	34.621	27.053	1.009
600	7.358	34.614	27.065	1.064
650	6.713	34.593	27.137	1.116
700	5.992	34.574	27.217	1.165
750	5.732	34.572	27.248	1.211
800	5.510	34.569	27.274	1.256
900	4.847	34.568	27.350	1.343
1000	4.497	34.574	27.394	1.423
1004	4.476	34.574	27.397	1.427

CAST EP1-94-MB -020 DATE 03 MAY 94 TIME 1000 GMT

LAT 01 00.2N LONG 124 41.1W



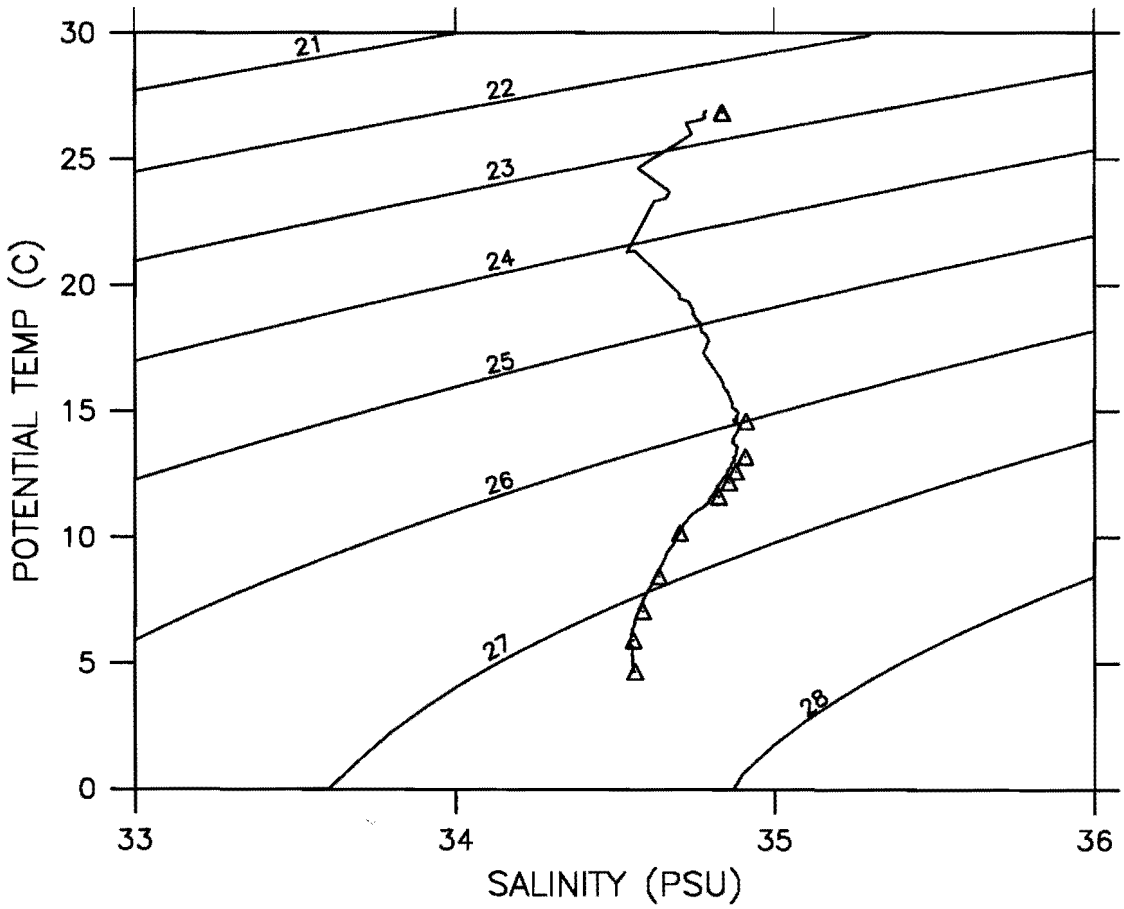


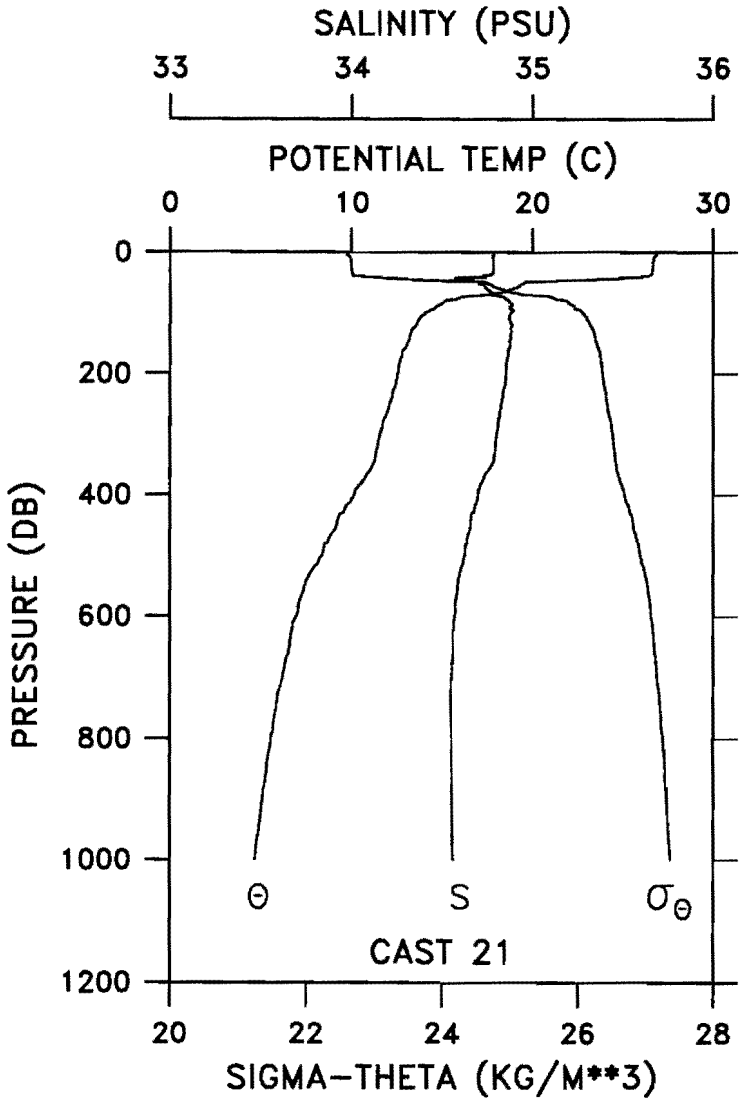
CAST EP1-94-MB -020 DATE 03 MAY 94 TIME 1000 GMT
LAT 01 00.2N LONG 124 41.1W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 080 T SPD 16 KT VISIBILITY 7
CLOUD 7 AMOUNT 5 DRY 25.9 WET 25.1 DEPTH 4649 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.792	34.858	22.993	0.000
10	25.788	34.857	22.993	0.049
20	24.693	34.764	23.257	0.097
30	23.515	34.750	23.597	0.141
40	22.188	34.762	23.986	0.183
50	19.916	34.771	24.611	0.219
60	18.499	34.747	24.956	0.251
70	18.029	34.771	25.091	0.280
80	16.705	34.797	25.429	0.308
90	15.601	34.778	25.668	0.332
100	14.621	34.734	25.850	0.355
110	13.697	34.764	26.069	0.376
120	13.437	34.798	26.148	0.395
130	13.010	34.833	26.262	0.413
140	12.859	34.876	26.326	0.431
150	12.818	34.886	26.341	0.448
160	12.792	34.888	26.348	0.465
170	12.767	34.890	26.355	0.482
180	12.752	34.891	26.359	0.499
190	12.732	34.891	26.362	0.516
200	12.688	34.891	26.371	0.533
250	12.410	34.886	26.422	0.617
300	11.847	34.850	26.502	0.700
350	10.731	34.784	26.656	0.776
400	9.565	34.715	26.803	0.846
450	8.705	34.673	26.909	0.910
500	8.163	34.643	26.969	0.970
550	7.647	34.620	27.028	1.027
600	7.113	34.600	27.089	1.082
650	6.617	34.585	27.144	1.134
700	6.209	34.575	27.190	1.184
750	5.878	34.569	27.228	1.232
800	5.445	34.562	27.276	1.278
900	5.063	34.565	27.323	1.365
991	4.624	34.570	27.377	1.440

CAST EP1-94-MB -021 DATE 04 MAY 94 TIME 0512 GMT

LAT 01 57.9N LONG 125 04.8W



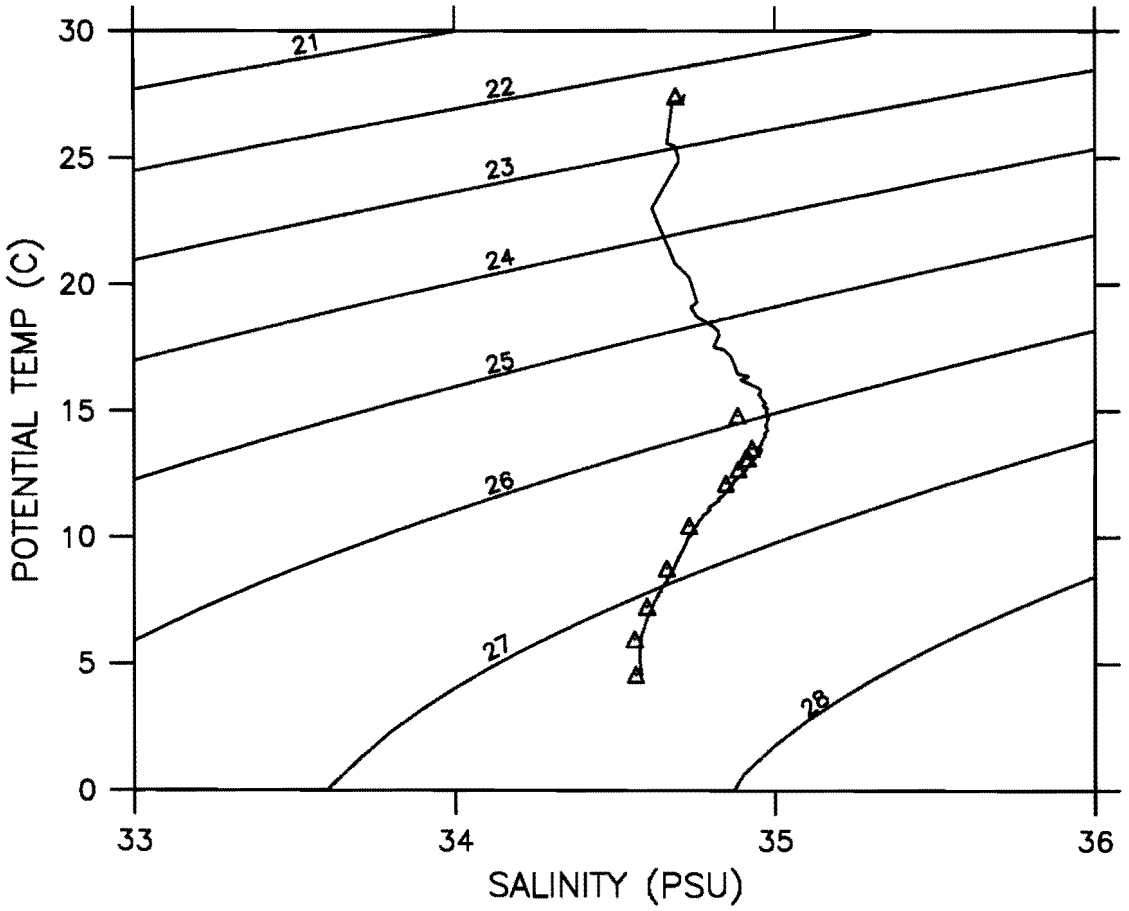


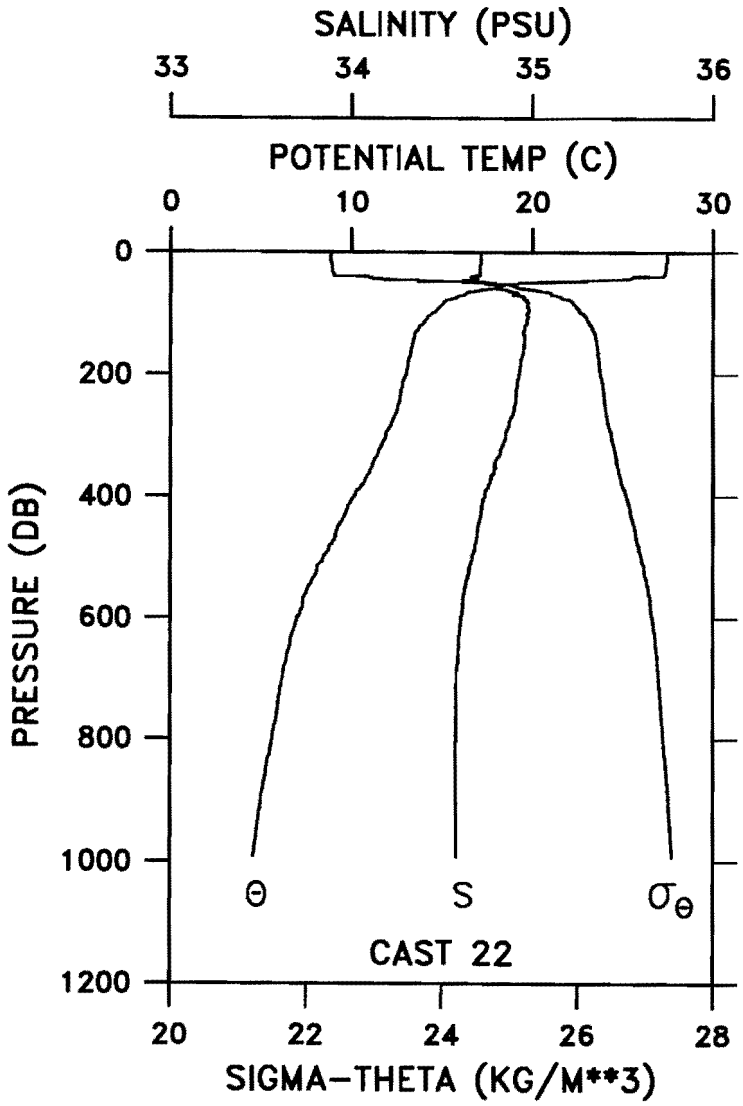
CAST EP1-94-MB -021 DATE 04 MAY 94 TIME 0512 GMT
LAT 01 57.9N LONG 125 04.8W WEATHER 1 SEA STATE 4
BAROMETER 06 WIND DIR 110 T SPD 14 KT VISIBILITY 7
CLOUD 3 AMOUNT 4 DRY 26.8 WET 25.5 DEPTH 4690 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.908	34.787	22.589	0.000
10	26.699	34.783	22.652	0.052
20	26.667	34.782	22.661	0.104
30	26.645	34.782	22.669	0.156
40	25.991	34.741	22.843	0.208
50	19.573	34.703	24.648	0.251
60	18.927	34.746	24.847	0.283
70	17.774	34.795	25.172	0.313
80	15.197	34.867	25.827	0.337
90	14.652	34.873	25.950	0.358
100	14.095	34.880	26.075	0.378
110	13.768	34.868	26.134	0.397
120	13.578	34.884	26.186	0.416
130	13.329	34.881	26.235	0.435
140	13.224	34.879	26.254	0.453
150	13.094	34.875	26.277	0.470
160	12.921	34.869	26.307	0.488
170	12.800	34.864	26.328	0.505
180	12.680	34.856	26.346	0.523
190	12.602	34.853	26.358	0.540
200	12.548	34.853	26.369	0.557
250	12.093	34.827	26.437	0.641
300	11.576	34.800	26.515	0.722
350	11.173	34.775	26.569	0.800
400	10.153	34.700	26.692	0.875
450	9.192	34.657	26.819	0.943
500	8.388	34.627	26.922	1.006
550	7.424	34.587	27.034	1.064
600	6.974	34.571	27.085	1.119
650	6.588	34.563	27.131	1.171
700	6.208	34.555	27.174	1.221
750	5.852	34.549	27.215	1.269
800	5.558	34.555	27.257	1.316
900	5.098	34.556	27.312	1.405
1000	4.665	34.560	27.365	1.489
1002	4.664	34.560	27.365	1.490

CAST EP1-94-MB -022 DATE 04 MAY 94 TIME 1149 GMT

LAT 02 59.9N LONG 125 00.4W



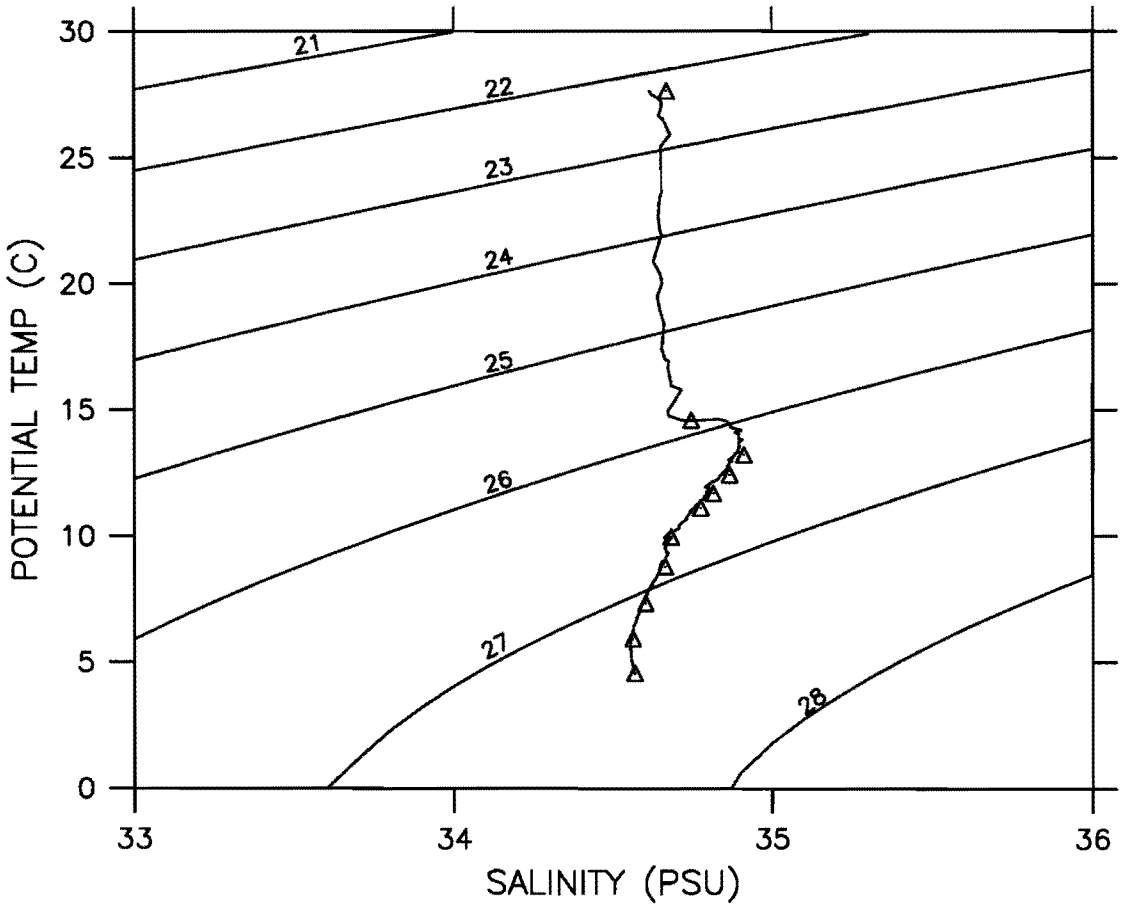


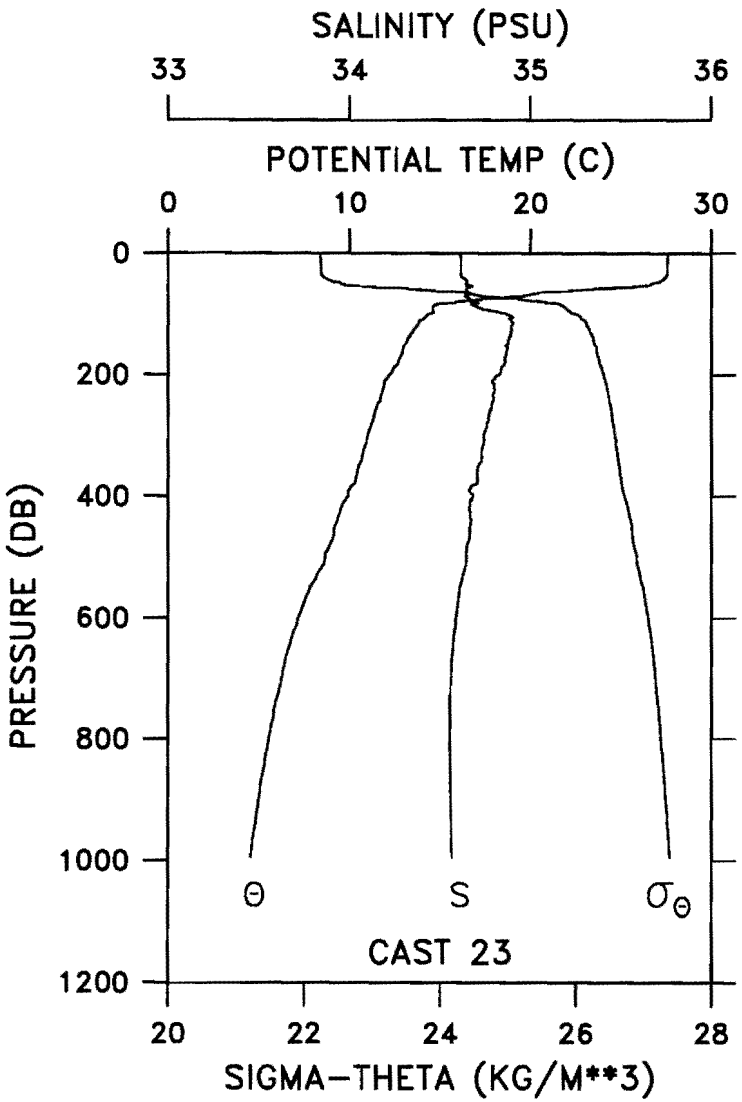
CAST EP1-94-MB -022 DATE 04 MAY 94 TIME 1149 GMT
LAT 02 59.9N LONG 125 00.4W WEATHER 3 SEA STATE 2
BAROMETER 08 WIND DIR 110 T SPD 13 KT VISIBILITY 7
CLOUD 3 AMOUNT 4 DRY 27.9 WET 27.1 DEPTH 4520 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.458	34.717	22.360	0.000
10	27.456	34.716	22.360	0.055
20	27.397	34.713	22.376	0.109
30	27.369	34.712	22.384	0.164
40	25.589	34.663	22.908	0.218
50	19.287	34.756	24.763	0.262
60	17.527	34.807	25.241	0.292
70	16.232	34.892	25.612	0.317
80	15.159	34.965	25.911	0.339
90	14.851	34.977	25.987	0.360
100	14.455	34.971	26.069	0.380
110	14.110	34.968	26.140	0.399
120	13.758	34.958	26.206	0.418
130	13.551	34.949	26.242	0.436
140	13.454	34.956	26.268	0.454
150	13.382	34.955	26.281	0.472
160	13.283	34.949	26.297	0.489
170	13.226	34.944	26.304	0.507
180	13.123	34.936	26.319	0.524
190	13.073	34.932	26.326	0.542
200	13.005	34.927	26.336	0.559
250	12.551	34.901	26.406	0.645
300	11.883	34.851	26.497	0.727
350	11.121	34.789	26.590	0.805
400	10.156	34.738	26.721	0.879
450	9.244	34.698	26.843	0.946
500	8.460	34.668	26.943	1.009
550	7.608	34.627	27.039	1.067
600	7.003	34.606	27.108	1.121
650	6.567	34.593	27.157	1.172
700	6.186	34.583	27.199	1.221
750	5.927	34.579	27.230	1.268
800	5.621	34.577	27.266	1.314
900	4.996	34.577	27.341	1.401
992	4.570	34.583	27.393	1.476

CAST EP1-94-MB -023 DATE 04 MAY 94 TIME 1732 GMT

LAT 03 59.9N LONG 125 00.3W



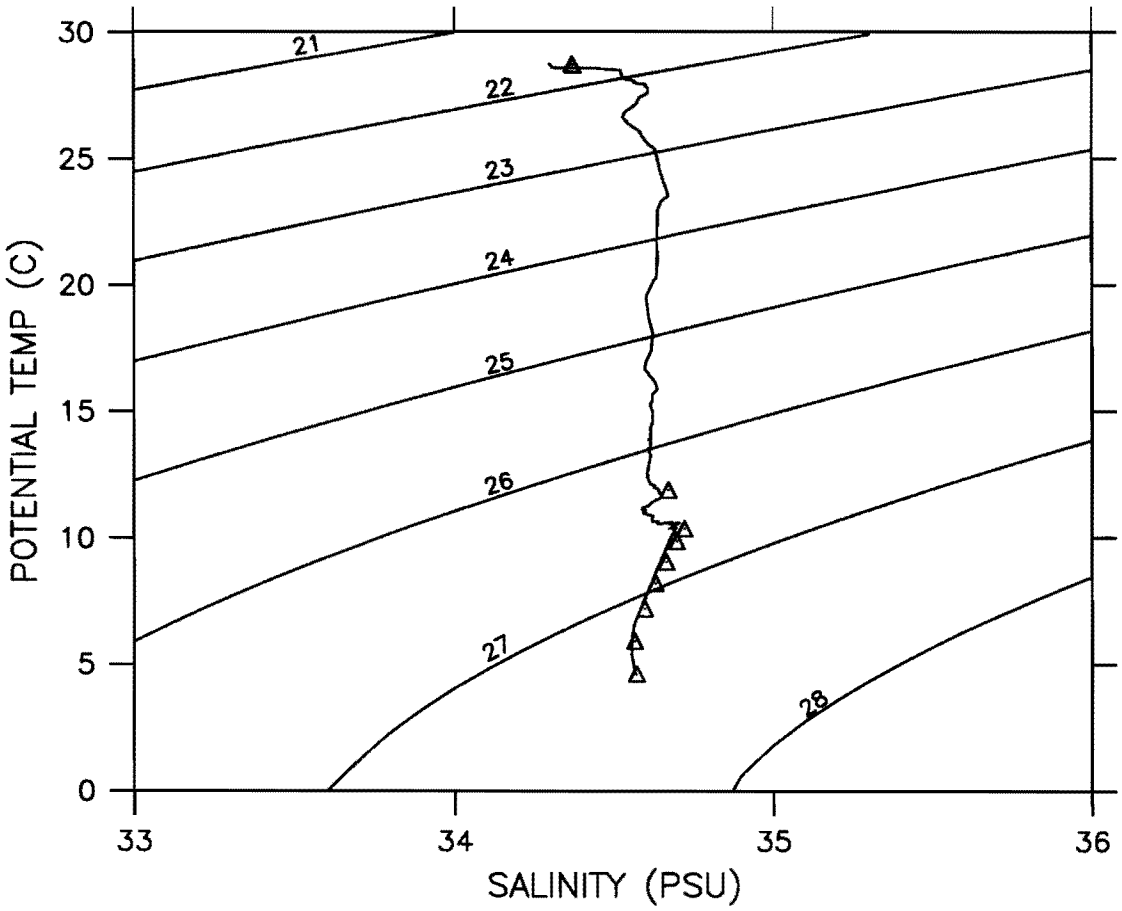


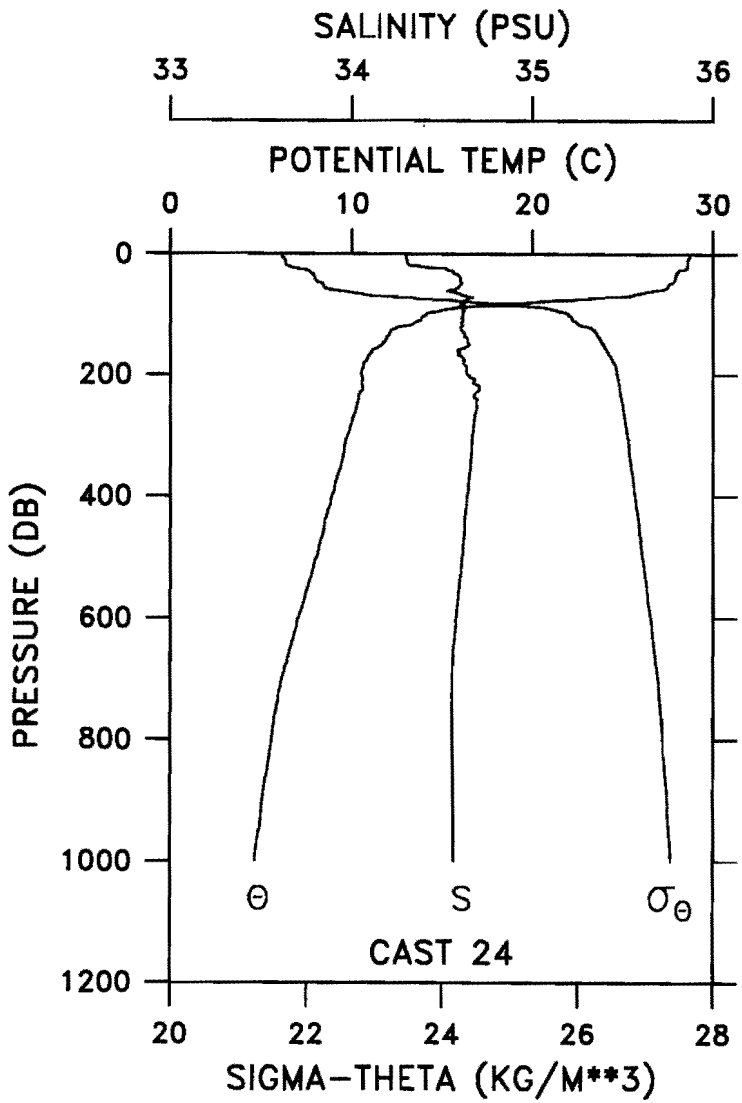
CAST EP1-94-MB -023 DATE 04 MAY 94 TIME 1732 GMT
LAT 03 59.9N LONG 125 00.3W WEATHER 1 SEA STATE 0
BAROMETER 09 WIND DIR 120 T SPD 15 KT VISIBILITY 4
CLOUD 4 AMOUNT 4 DRY 28.5 WET 26.0 DEPTH 4550 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.606	34.613	22.234	0.000
10	27.595	34.614	22.238	0.056
20	27.590	34.615	22.240	0.112
30	27.582	34.616	22.244	0.168
40	27.442	34.628	22.298	0.224
50	26.688	34.642	22.549	0.278
60	22.681	34.641	23.754	0.326
70	19.510	34.638	24.615	0.363
80	15.872	34.698	25.546	0.391
90	14.572	34.724	25.853	0.414
100	14.308	34.869	26.021	0.435
110	13.870	34.893	26.133	0.454
120	13.684	34.894	26.172	0.473
130	13.476	34.891	26.213	0.492
140	13.215	34.881	26.258	0.510
150	13.080	34.871	26.278	0.528
160	12.927	34.868	26.306	0.545
170	12.771	34.859	26.330	0.563
180	12.691	34.857	26.344	0.580
190	12.405	34.838	26.385	0.597
200	12.211	34.824	26.412	0.614
250	11.523	34.786	26.513	0.694
300	10.996	34.741	26.575	0.772
350	10.504	34.711	26.640	0.847
400	9.902	34.680	26.720	0.919
450	9.176	34.666	26.828	0.987
500	8.647	34.645	26.896	1.051
550	7.805	34.609	26.996	1.111
600	7.159	34.588	27.072	1.167
650	6.631	34.572	27.132	1.220
700	6.243	34.561	27.174	1.270
750	5.834	34.554	27.222	1.319
800	5.548	34.553	27.256	1.365
900	4.987	34.559	27.327	1.453
994	4.551	34.565	27.382	1.530

CAST EP1-94-MB -024 DATE 05 MAY 94 TIME 0023 GMT

LAT 05 04.9N LONG 125 00.0W



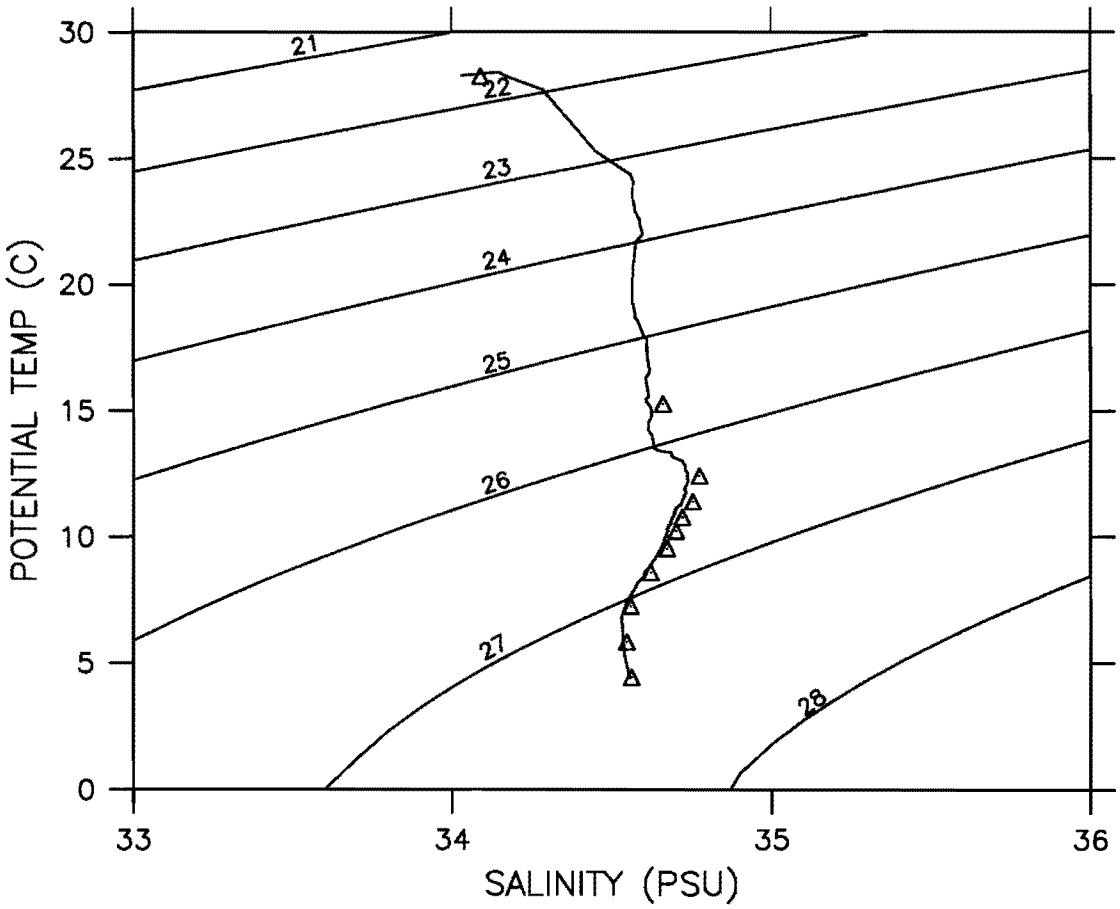


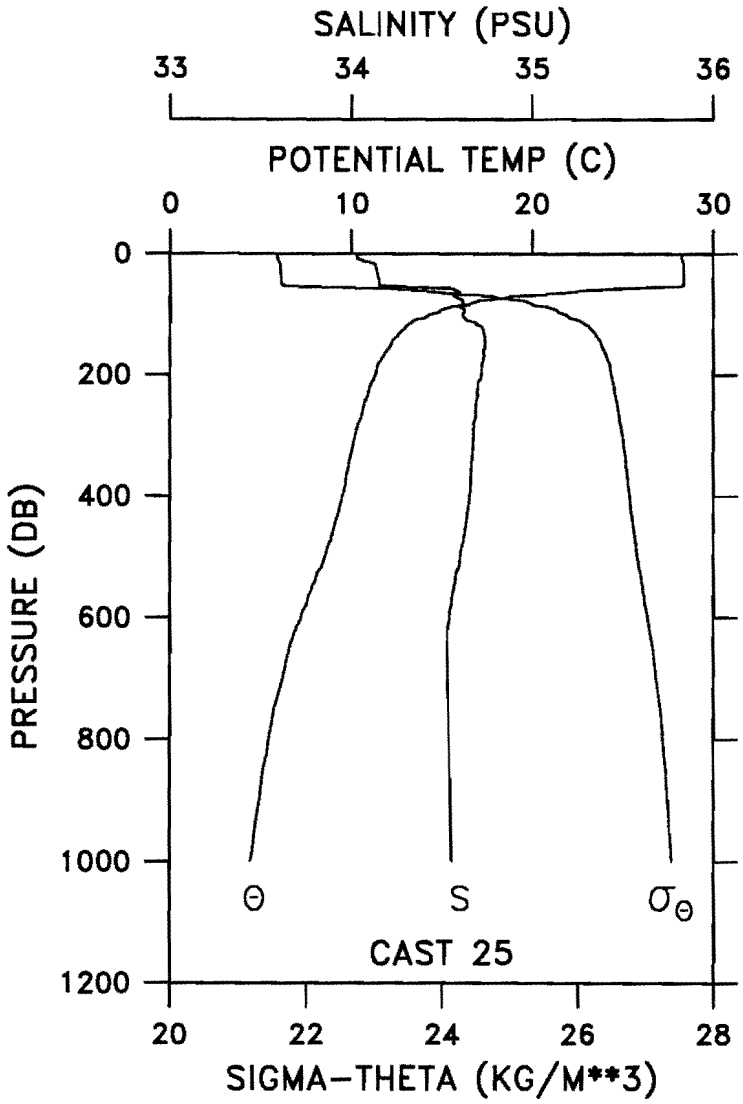
CAST EP1-94-MB -024 DATE 05 MAY 94 TIME 0023 GMT
LAT 05 04.9N LONG 125 00.0W WEATHER 5 SEA STATE 4
BAROMETER 06 WIND DIR 142 T SPD 16 KT VISIBILITY 7
CLOUD 6 AMOUNT 7 DRY 27.3 WET 25.8 DEPTH 4369 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.723	34.298	21.632	0.000
10	28.592	34.305	21.680	0.062
20	28.568	34.373	21.739	0.123
30	28.054	34.565	22.052	0.182
40	27.914	34.600	22.124	0.239
50	27.543	34.601	22.245	0.296
60	26.823	34.532	22.424	0.352
70	25.101	34.634	23.036	0.403
80	20.183	34.625	24.429	0.444
90	15.658	34.619	25.533	0.473
100	14.125	34.614	25.863	0.496
110	13.832	34.615	25.925	0.517
120	12.788	34.607	26.131	0.538
130	12.113	34.615	26.269	0.556
140	11.918	34.637	26.323	0.573
150	11.696	34.649	26.375	0.590
160	11.124	34.585	26.430	0.607
170	10.892	34.608	26.490	0.623
180	10.685	34.619	26.536	0.639
190	10.587	34.637	26.567	0.654
200	10.546	34.644	26.580	0.669
250	10.272	34.690	26.664	0.742
300	9.770	34.669	26.733	0.812
350	9.412	34.658	26.784	0.879
400	8.905	34.638	26.850	0.944
450	8.477	34.625	26.907	1.006
500	8.050	34.610	26.960	1.067
550	7.570	34.595	27.019	1.124
600	7.037	34.578	27.081	1.179
650	6.586	34.564	27.132	1.232
700	6.107	34.556	27.189	1.282
750	5.801	34.554	27.226	1.330
800	5.551	34.554	27.257	1.376
900	5.043	34.559	27.321	1.464
1000	4.636	34.566	27.372	1.548
1003	4.616	34.566	27.375	1.550

CAST EP1-94-MB -025 DATE 06 MAY 94 TIME 0335 GMT

LAT 08 09.0N LONG 124 55.7W





CAST EP1-94-MB -025 DATE 06 MAY 94 TIME 0335 GMT
LAT 08 09.0N LONG 124 55.7W WEATHER 1 SEA STATE 4
BAROMETER 04 WIND DIR 201 T SPD 12 KT VISIBILITY 6
CLOUD 7 AMOUNT 8 DRY 26.8 WET 24.6 DEPTH 4404 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.268	34.031	21.581	0.000
10	28.308	34.062	21.591	0.062
20	28.382	34.134	21.621	0.124
30	28.387	34.141	21.624	0.186
40	28.388	34.150	21.631	0.248
50	28.376	34.154	21.638	0.310
60	22.895	34.574	23.642	0.363
70	18.816	34.574	24.743	0.401
80	16.759	34.614	25.276	0.431
90	15.167	34.620	25.643	0.457
100	14.273	34.615	25.833	0.479
110	13.432	34.644	26.030	0.501
120	13.008	34.720	26.175	0.520
130	12.641	34.730	26.256	0.538
140	12.350	34.737	26.318	0.556
150	12.177	34.738	26.352	0.573
160	11.934	34.728	26.391	0.590
170	11.740	34.732	26.430	0.606
180	11.511	34.723	26.467	0.623
190	11.403	34.719	26.483	0.639
200	11.322	34.717	26.497	0.654
250	10.704	34.686	26.585	0.731
300	10.202	34.674	26.663	0.805
350	9.842	34.663	26.716	0.876
400	9.487	34.651	26.766	0.945
450	9.056	34.631	26.821	1.011
500	8.534	34.602	26.880	1.076
550	7.826	34.565	26.959	1.137
600	7.234	34.542	27.026	1.195
650	6.581	34.531	27.107	1.249
700	6.227	34.533	27.154	1.300
750	5.726	34.535	27.220	1.349
800	5.448	34.538	27.256	1.396
900	4.935	34.545	27.323	1.483
1000	4.446	34.555	27.385	1.565
1003	4.425	34.556	27.388	1.568

CAST EP1-94-MB -001 LAT 05 02.8N LONG 094 59.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
144.	13.829	34.940	0.00	13.808	26.182
193.	13.202	34.910	0.00	13.175	26.289
243.	12.724	34.881	0.00	12.691	26.363
342.	10.869	34.749	0.00	10.827	26.612
540.	7.332	34.608	0.00	7.279	27.071
691.	6.271	34.577	0.00	6.208	27.192
937.	4.911	34.580	0.00	4.834	27.361

CAST EP1-94-MB -002 LAT 03 59.8N LONG 095 00.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
1.	28.876	32.413	0.00	28.876	20.166
95.	14.805	34.886	0.00	14.791	25.931
143.	13.997	34.927	0.00	13.976	26.136
192.	13.149	34.883	0.00	13.122	26.278
242.	12.182	34.823	0.00	12.150	26.423
292.	11.245	34.772	0.00	11.208	26.561
392.	8.832	34.661	0.00	8.790	26.886
588.	6.857	34.592	0.00	6.801	27.125
738.	5.990	34.572	0.00	5.924	27.224
989.	4.651	34.575	0.00	4.571	27.387

CAST EP1-94-MB -003 LAT 03 00.3N LONG 095 00.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	28.492	32.662	0.00	28.492	20.480
1.	28.494	32.667	0.00	28.494	20.483
56.	18.268	34.828	0.00	18.258	25.078
142.	13.716	34.927	0.00	13.696	26.195
191.	13.002	34.896	0.00	12.976	26.318
241.	12.230	34.842	0.00	12.198	26.429
291.	11.198	34.772	0.00	11.162	26.569
390.	8.977	34.666	0.00	8.934	26.867
489.	7.647	34.618	0.00	7.598	27.033
590.	6.805	34.593	0.00	6.749	27.133
739.	5.963	34.578	0.00	5.897	27.232
990.	4.568	34.571	0.00	4.489	27.393

CAST EP1-94-MB -004 LAT 02 00.0N LONG 095 01.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.536	32.939	0.00	27.536	20.998
0.	27.530	32.937	0.00	27.530	20.998
42.	17.981	34.858	0.00	17.974	25.171
143.	13.409	34.922	0.00	13.389	26.254
192.	12.813	34.897	0.00	12.787	26.356
242.	12.310	34.867	0.00	12.278	26.433
292.	10.902	34.787	0.00	10.866	26.634
390.	9.708	34.714	0.00	9.663	26.786
489.	7.970	34.623	0.00	7.920	26.990
590.	7.042	34.601	0.00	6.985	27.107
740.	5.962	34.576	0.00	5.896	27.231
988.	4.637	34.573	0.00	4.557	27.387

CAST EP1-94-MB -005 LAT 01 00.2N LONG 094 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
1.	24.019	34.933	0.00	24.019	23.587
1.	23.990	34.931	0.00	23.990	23.594
92.	13.879	34.904	0.00	13.866	26.142
142.	13.518	34.925	0.00	13.498	26.234
191.	13.301	34.917	0.00	13.274	26.274
241.	12.635	34.882	0.00	12.602	26.381
293.	11.528	34.818	0.00	11.491	26.544
390.	9.659	34.714	0.00	9.614	26.794
491.	8.195	34.641	0.00	8.144	26.971
590.	7.322	34.602	0.00	7.264	27.069
738.	5.778	34.564	0.00	5.713	27.244
989.	4.645	34.567	0.00	4.565	27.381

CAST EP1-94-MB -006 LAT 00 02.2S LONG 094 56.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
1.	23.885	35.096	0.00	23.885	23.750
2.	24.163	35.094	0.00	24.163	23.666
8.	23.167	35.089	0.00	23.165	23.955
55.	16.446	34.866	0.00	16.437	25.545
144.	13.693	34.913	0.00	13.673	26.189
241.	13.205	34.912	0.00	13.171	26.291
291.	11.318	34.803	0.00	11.281	26.571
390.	9.339	34.697	0.00	9.295	26.833
491.	8.037	34.634	0.00	7.987	26.989
590.	7.081	34.584	0.00	7.024	27.088
786.	5.375	34.551	0.00	5.308	27.283
988.	4.686	34.557	0.00	4.606	27.369

CAST EP1-94-MB -007 LAT 01 00.0S LONG 094 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
1.	23.441	35.170	0.00	23.441	23.936
0.	23.528	35.170	0.00	23.528	23.911
91.	14.571	35.045	0.00	14.558	26.104
142.	13.555	34.939	0.00	13.535	26.237
191.	13.352	34.917	0.00	13.325	26.263
242.	13.278	34.915	0.00	13.244	26.278
292.	12.006	34.849	0.00	11.968	26.479
391.	9.940	34.732	0.00	9.895	26.761
489.	8.434	34.652	0.00	8.382	26.943
590.	6.853	34.581	0.00	6.797	27.117
739.	5.835	34.558	0.00	5.770	27.233
993.	4.552	34.559	0.00	4.473	27.385

CAST EP1-94-MB -008 LAT 02 00.9S LONG 094 57.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	24.840	35.102	0.00	24.840	23.469
1.	24.842	35.103	0.00	24.842	23.469
92.	14.081	34.974	0.00	14.068	26.153
141.	13.412	34.924	0.00	13.392	26.255
193.	13.212	34.914	0.00	13.185	26.290
241.	12.996	34.908	0.00	12.963	26.330
291.	11.914	34.858	0.00	11.876	26.503
390.	9.716	34.721	0.00	9.671	26.790
491.	8.169	34.638	0.00	8.118	26.972
590.	7.163	34.598	0.00	7.106	27.088
738.	5.774	34.563	0.00	5.709	27.244
988.	4.582	34.564	0.00	4.503	27.386

CAST EP1-94-MB -009 LAT 04 58.6S LONG 095 01.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	26.702	35.052	0.00	26.702	22.854
1.	26.704	35.050	0.00	26.704	22.852
3.	26.690	35.049	0.00	26.689	22.856
106.	13.676	35.006	0.00	13.661	26.263
142.	12.832	34.935	0.00	12.813	26.381
242.	12.070	34.876	0.00	12.038	26.486
291.	11.529	34.844	0.00	11.492	26.564
390.	9.716	34.724	0.00	9.671	26.792
491.	8.082	34.642	0.00	8.031	26.988
590.	7.007	34.593	0.00	6.951	27.105
739.	6.083	34.569	0.00	6.017	27.210
1001.	4.642	34.559	0.00	4.561	27.375

CAST EP1-94-MB -011 LAT 04 59.4S LONG 110 01.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.488	35.059	0.00	27.488	22.608
0.	27.488	35.062	0.00	27.488	22.610
7.	27.432	35.064	0.00	27.430	22.630
110.	13.440	34.974	0.00	13.425	26.287
142.	12.837	34.916	0.00	12.818	26.365
241.	11.996	34.868	0.00	11.965	26.494
291.	11.517	34.844	0.00	11.480	26.566
391.	9.893	34.756	0.00	9.848	26.788
490.	8.104	34.647	0.00	8.053	26.989
591.	7.040	34.599	0.00	6.983	27.105
739.	5.828	34.559	0.00	5.763	27.234
1004.	4.424	34.562	0.00	4.345	27.401

CAST EP1-94-MB -012 LAT 08 00.2S LONG 109 58.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.632	34.776	0.00	27.632	22.348
0.	27.636	34.776	0.00	27.636	22.347
93.	18.039	35.323	0.00	18.023	25.515
142.	13.519	34.951	0.00	13.499	26.254
192.	12.231	34.913	0.00	12.206	26.483
242.	11.691	34.860	0.00	11.660	26.545
291.	11.278	34.833	0.00	11.241	26.602
391.	9.975	34.748	0.00	9.929	26.768
490.	8.546	34.665	0.00	8.494	26.936
590.	7.227	34.602	0.00	7.170	27.082
739.	5.737	34.558	0.00	5.673	27.245
999.	4.440	34.559	0.00	4.361	27.397

CAST EP1-94-MB -013 LAT 07 59.4S LONG 124 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.962	35.137	0.00	27.962	22.512
94.	23.991	36.164	0.00	23.971	24.533
142.	20.176	35.774	0.00	20.150	25.314
190.	14.146	35.001	0.00	14.118	26.164
243.	11.678	34.804	0.00	11.647	26.504
292.	10.294	34.763	0.00	10.259	26.723
390.	8.980	34.692	0.00	8.937	26.887
490.	8.056	34.639	0.00	8.006	26.990
590.	7.129	34.598	0.00	7.072	27.092
738.	5.721	34.553	0.00	5.657	27.243
990.	4.469	34.553	0.00	4.390	27.389
988.	4.484	34.553	0.00	4.406	27.388

CAST EP1-94-MB -014 LAT 04 58.7S LONG 124 56.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.687	35.063	0.00	27.687	22.546
0.	27.683	35.063	0.00	27.683	22.547
3.	27.702	35.065	0.00	27.701	22.543
93.	18.275	35.464	0.00	18.259	25.564
142.	13.167	34.992	0.00	13.147	26.358
291.	10.991	34.818	0.00	10.955	26.642
391.	9.394	34.717	0.00	9.350	26.840
490.	8.099	34.644	0.00	8.048	26.987
590.	7.095	34.593	0.00	7.038	27.093
740.	5.924	34.562	0.00	5.858	27.225
988.	4.538	34.556	0.00	4.459	27.384

CAST EP1-94-MB -015 LAT 04 00.0S LONG 125 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.778	35.115	0.00	27.778	22.556
0.	27.777	35.114	0.00	27.777	22.555
92.	13.591	34.969	0.00	13.578	26.252
143.	12.867	34.913	0.00	12.848	26.357
192.	12.556	34.895	0.00	12.530	26.405
241.	12.170	34.873	0.00	12.138	26.465
291.	11.534	34.841	0.00	11.497	26.561
391.	9.736	34.733	0.00	9.691	26.796
490.	7.982	34.634	0.00	7.932	26.997
590.	7.037	34.592	0.00	6.980	27.100
740.	5.884	34.561	0.00	5.819	27.229
998.	4.495	34.554	0.00	4.416	27.387

CAST EP1-94-MB -016 LAT 02 59.9S LONG 124 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.659	35.087	0.00	27.659	22.573
0.	27.655	35.085	0.00	27.655	22.573
92.	13.991	34.996	0.00	13.978	26.189
140.	13.113	34.930	0.00	13.094	26.320
192.	12.619	34.896	0.00	12.593	26.394
241.	12.338	34.878	0.00	12.306	26.436
291.	12.016	34.864	0.00	11.978	26.488
390.	10.124	34.758	0.00	10.078	26.750
488.	8.233	34.649	0.00	8.182	26.971
589.	7.000	34.593	0.00	6.944	27.106
738.	5.969	34.560	0.00	5.903	27.217
989.	4.696	34.560	0.00	4.616	27.370

CAST EP1-94-MB -017 LAT 02 00.9S LONG 124 54.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.236	35.130	0.00	27.236	22.742
0.	27.235	35.130	0.00	27.235	22.742
92.	14.142	34.999	0.00	14.129	26.160
143.	12.926	34.941	0.00	12.906	26.367
192.	12.310	34.874	0.00	12.285	26.437
241.	12.117	34.860	0.00	12.085	26.465
291.	11.738	34.842	0.00	11.700	26.524
390.	10.559	34.766	0.00	10.512	26.681
490.	8.389	34.658	0.00	8.337	26.954
590.	7.252	34.601	0.00	7.194	27.078
740.	6.011	34.563	0.00	5.945	27.215
989.	4.582	34.562	0.00	4.503	27.384

CAST EP1-94-MB -018 LAT 01 00.1S LONG 124 59.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	26.476	35.139	0.00	26.476	22.991
2.	26.460	35.139	0.00	26.460	22.996
92.	18.165	35.408	0.00	18.149	25.549
142.	14.152	35.073	0.00	14.131	26.217
192.	12.480	34.878	0.00	12.454	26.407
240.	12.309	34.870	0.00	12.277	26.435
291.	11.759	34.836	0.00	11.721	26.515
391.	9.845	34.726	0.00	9.800	26.772
590.	7.327	34.591	0.00	7.269	27.059
739.	5.988	34.551	0.00	5.922	27.208
989.	4.461	34.560	0.00	4.383	27.396

CAST EP1-94-MB -019 LAT 00 01.2N LONG 124 19.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	26.029	35.069	0.00	26.029	23.078
0.	26.023	35.069	0.00	26.023	23.080
3.	26.019	35.070	0.00	26.018	23.082
112.	14.636	35.002	0.00	14.619	26.057
142.	14.069	34.982	0.00	14.048	26.164
242.	12.670	34.885	0.00	12.637	26.377
292.	12.348	34.870	0.00	12.309	26.429
391.	9.728	34.714	0.00	9.683	26.783
490.	8.274	34.641	0.00	8.223	26.959
590.	7.492	34.606	0.00	7.433	27.048
740.	5.851	34.560	0.00	5.786	27.232
1003.	4.525	34.564	0.00	4.445	27.392

CAST EP1-94-MB -020 LAT 01 00.2N LONG 124 41.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	25.772	34.849	0.00	25.772	22.992
0.	25.772	34.849	0.00	25.772	22.992
92.	15.351	34.759	0.00	15.337	25.713
141.	12.882	34.856	0.00	12.863	26.309
191.	12.765	34.879	0.00	12.739	26.352
241.	12.521	34.876	0.00	12.489	26.399
291.	12.318	34.867	0.00	12.279	26.433
389.	9.935	34.717	0.00	9.890	26.750
490.	8.460	34.660	0.00	8.408	26.945
589.	7.261	34.596	0.00	7.203	27.072
740.	5.974	34.562	0.00	5.908	27.218
989.	4.703	34.563	0.00	4.623	27.372

CAST EP1-94-MB -021 LAT 01 57.9N LONG 125 04.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	26.817	34.838	0.00	26.817	22.656
0.	26.835	34.836	0.00	26.835	22.649
92.	14.606	34.911	0.00	14.592	25.993
142.	13.199	34.909	0.00	13.179	26.287
192.	12.610	34.879	0.00	12.584	26.382
242.	12.192	34.858	0.00	12.160	26.449
291.	11.641	34.826	0.00	11.604	26.529
390.	10.209	34.704	0.00	10.163	26.693
490.	8.496	34.638	0.00	8.444	26.922
590.	7.106	34.588	0.00	7.049	27.088
740.	5.967	34.559	0.00	5.901	27.217
998.	4.745	34.564	0.00	4.664	27.368

CAST EP1-94-MB -022 LAT 02 59.9N LONG 125 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.437	34.689	0.00	27.437	22.346
92.	14.825	34.882	0.00	14.811	25.923
141.	13.525	34.927	0.00	13.505	26.234
191.	13.140	34.908	0.00	13.114	26.299
191.	13.140	34.914	0.00	13.114	26.304
240.	12.717	34.884	0.00	12.684	26.367
290.	12.166	34.845	0.00	12.128	26.445
390.	10.503	34.730	0.00	10.456	26.663
490.	8.812	34.660	0.00	8.759	26.891
589.	7.307	34.598	0.00	7.249	27.067
738.	6.027	34.560	0.00	5.961	27.210
989.	4.655	34.564	0.00	4.575	27.378

CAST EP1-94-MB -023 LAT 03 59.9N LONG 125 00.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.641	34.667	0.00	27.641	22.263
0.	27.635	34.666	0.00	27.635	22.264
92.	14.602	34.744	0.00	14.588	25.865
142.	13.229	34.910	0.00	13.209	26.282
191.	12.448	34.865	0.00	12.422	26.403
242.	11.719	34.814	0.00	11.688	26.504
292.	11.152	34.774	0.00	11.116	26.579
391.	10.008	34.681	0.00	9.962	26.710
490.	8.828	34.663	0.00	8.775	26.890
590.	7.385	34.601	0.00	7.327	27.059
739.	5.982	34.561	0.00	5.916	27.217
991.	4.642	34.568	0.00	4.562	27.382

CAST EP1-94-MB -024 LAT 05 04.9N LONG 125 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	28.715	34.368	0.00	28.715	21.687
0.	28.713	34.369	0.00	28.713	21.688
3.	28.681	34.371	0.00	28.680	21.700
143.	11.914	34.670	0.00	11.896	26.353
242.	10.384	34.721	0.00	10.355	26.673
291.	9.891	34.697	0.00	9.857	26.740
391.	9.087	34.664	0.00	9.044	26.848
490.	8.251	34.630	0.00	8.200	26.953
590.	7.251	34.596	0.00	7.193	27.074
738.	5.976	34.564	0.00	5.910	27.220
1000.	4.701	34.570	0.00	4.620	27.378

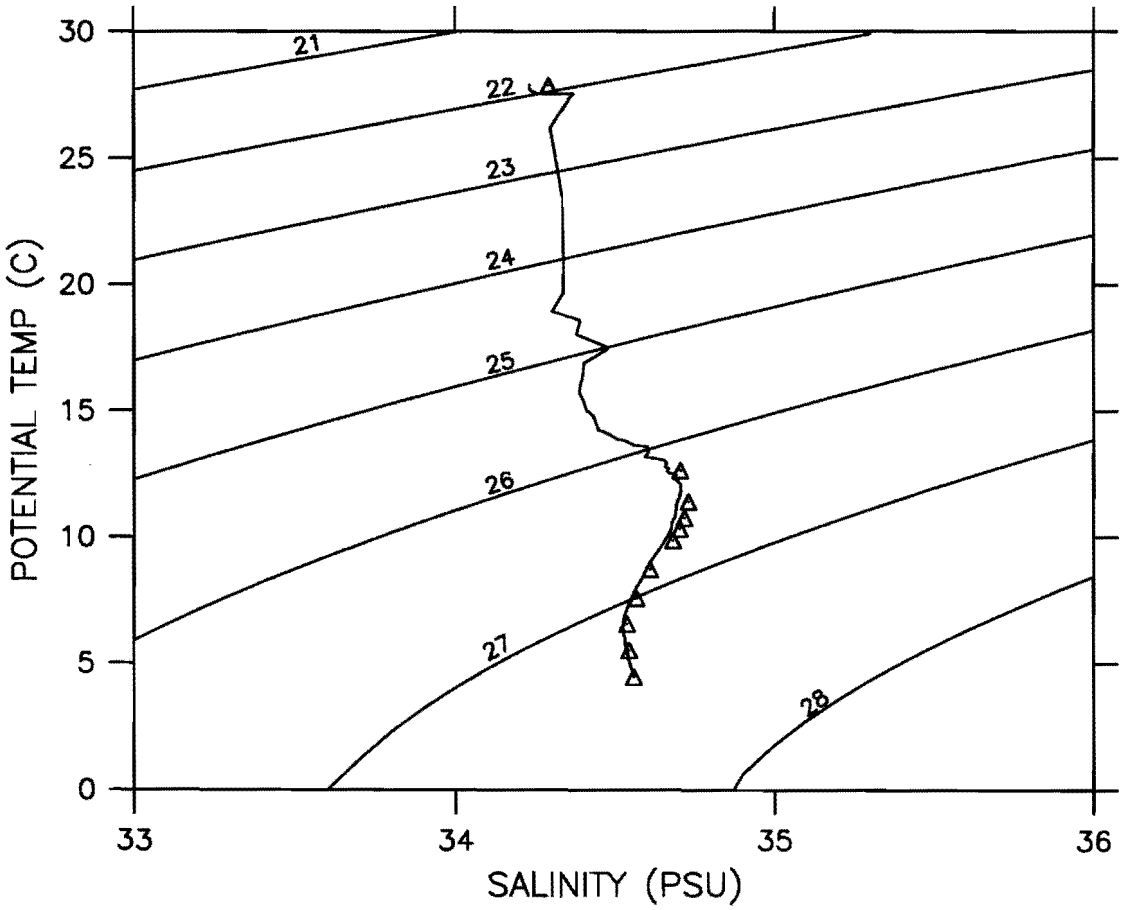
CAST EP1-94-MB -025 LAT 08 09.0N LONG 124 55.7W

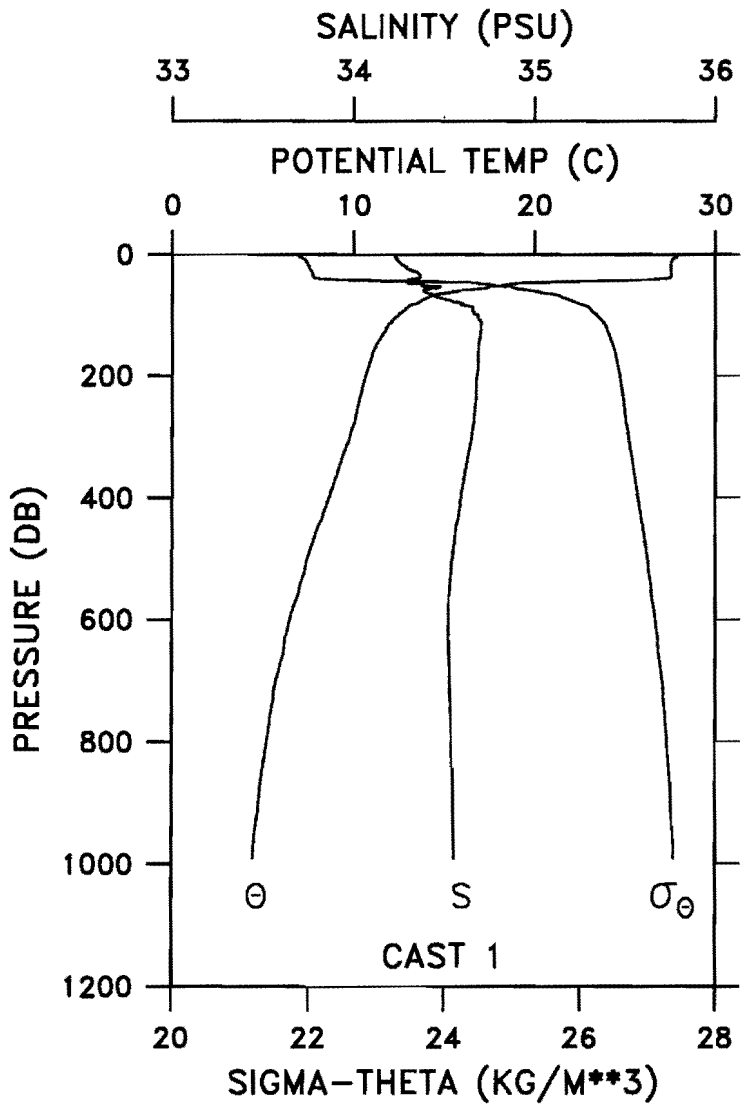
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	28.237	34.091	0.00	28.237	21.636
92.	15.282	34.660	0.00	15.268	25.652
141.	12.438	34.774	0.00	12.419	26.333
192.	11.411	34.754	0.00	11.387	26.514
242.	10.787	34.721	0.00	10.758	26.602
291.	10.260	34.701	0.00	10.226	26.680
391.	9.569	34.673	0.00	9.525	26.777
490.	8.638	34.622	0.00	8.585	26.888
590.	7.306	34.559	0.00	7.248	27.037
740.	5.899	34.546	0.00	5.834	27.215
999.	4.513	34.561	0.00	4.433	27.391

EP2-94-MB
May 17-June 17, 1994
CTD and Hydrographic Data Summary

CAST EP2-94-MB -001 DATE 23 MAY 94 TIME 0722 GMT

LAT 09 00.4N LONG 140 15.5W



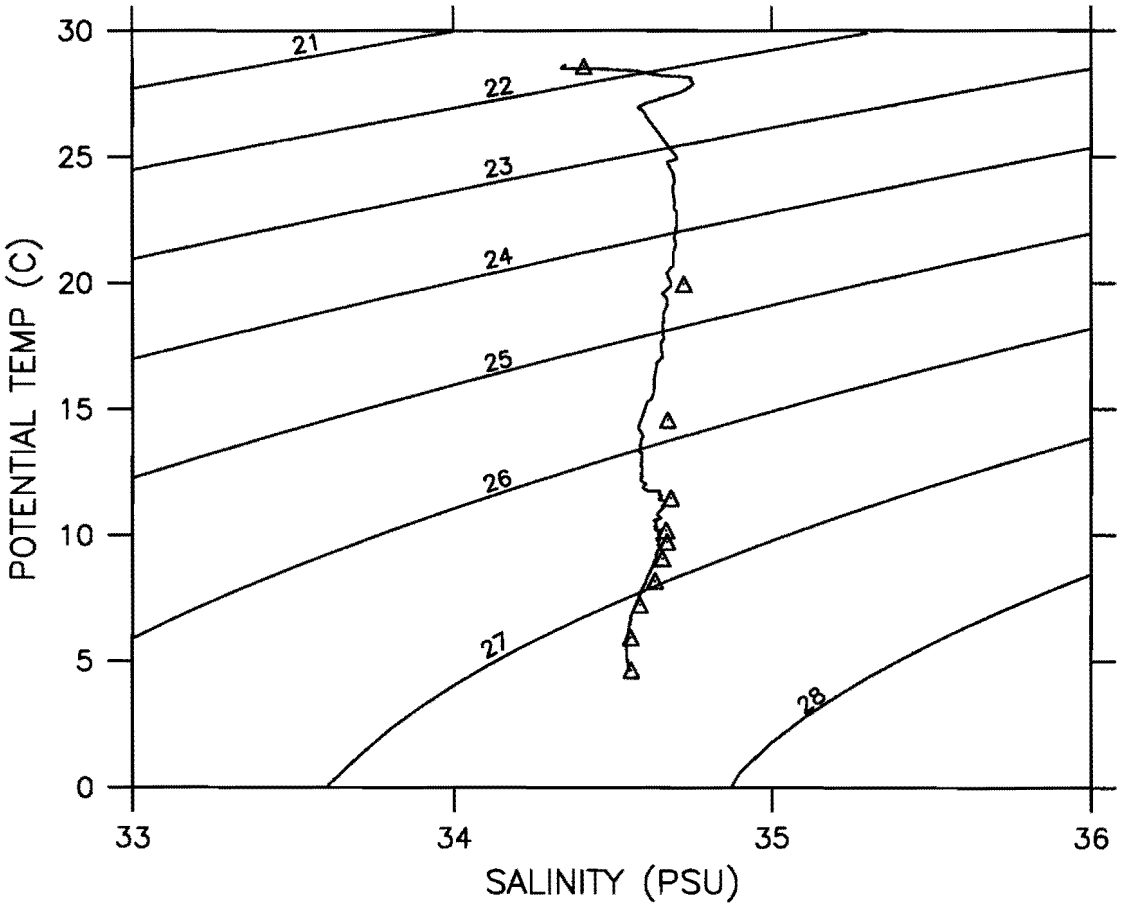


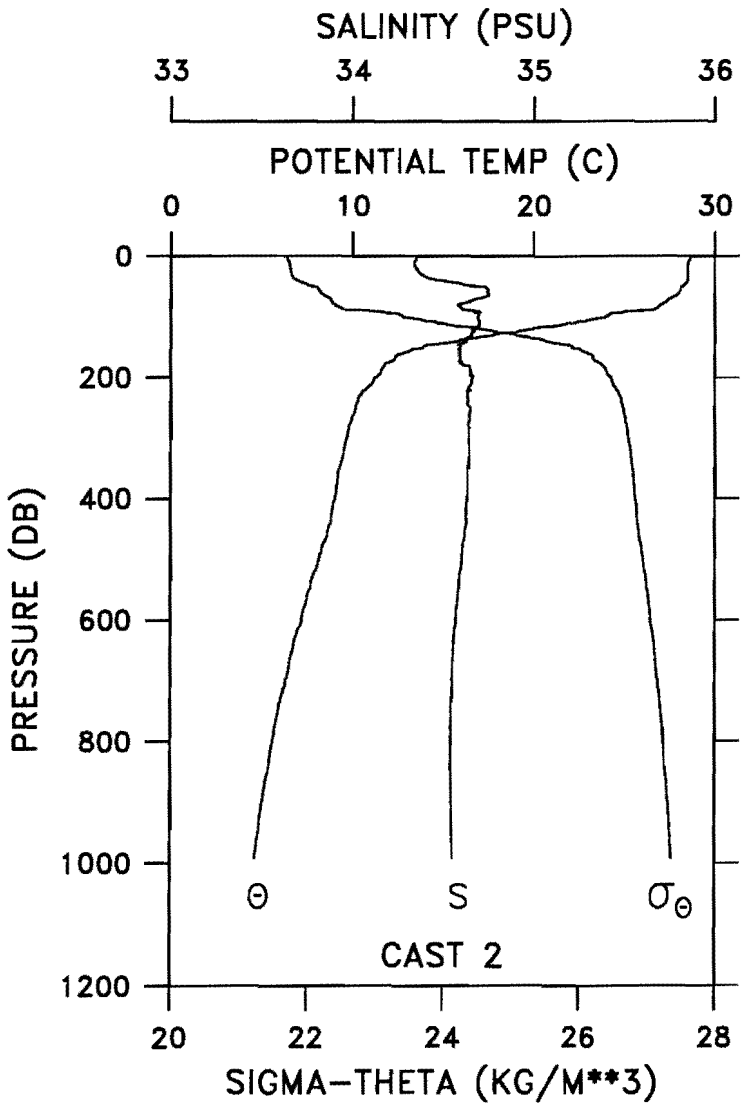
CAST EP2-94-MB -001 DATE 23 MAY 94 TIME 0722 GMT
LAT 09 00.4N LONG 140 15.5W WEATHER 1 SEA STATE 4
BAROMETER 13 WIND DIR 090 T SPD 05 KT VISIBILITY 7
CLOUD 8 AMOUNT 5 DRY 27.0 WET 25.8 DEPTH 4836 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.881	34.233	21.859	0.000
10	27.598	34.246	21.960	0.059
20	27.526	34.283	22.012	0.117
30	27.543	34.354	22.059	0.175
40	27.234	34.350	22.156	0.233
50	18.534	34.390	24.674	0.275
60	15.842	34.390	25.315	0.305
70	14.180	34.462	25.734	0.329
80	13.589	34.601	25.965	0.351
90	12.896	34.660	26.151	0.370
100	12.484	34.688	26.254	0.389
110	12.150	34.700	26.328	0.406
120	11.844	34.705	26.390	0.423
130	11.673	34.701	26.419	0.439
140	11.466	34.697	26.454	0.456
150	11.257	34.692	26.489	0.471
160	11.089	34.690	26.519	0.487
170	11.001	34.689	26.534	0.502
180	10.882	34.689	26.555	0.518
190	10.777	34.687	26.572	0.533
200	10.671	34.682	26.587	0.548
250	10.245	34.673	26.655	0.621
300	9.798	34.653	26.716	0.691
350	9.206	34.621	26.788	0.759
400	8.639	34.595	26.858	0.824
450	8.013	34.566	26.931	0.885
500	7.446	34.547	26.999	0.944
550	6.992	34.533	27.053	0.999
600	6.492	34.526	27.114	1.052
650	6.144	34.526	27.160	1.103
700	5.718	34.531	27.218	1.151
750	5.463	34.537	27.254	1.197
800	5.215	34.542	27.287	1.242
900	4.777	34.552	27.345	1.327
991	4.467	34.558	27.385	1.400

CAST EP2-94-MB -002 DATE 24 MAY 94 TIME 0411 GMT

LAT 05 01.7N LONG 139 59.4W



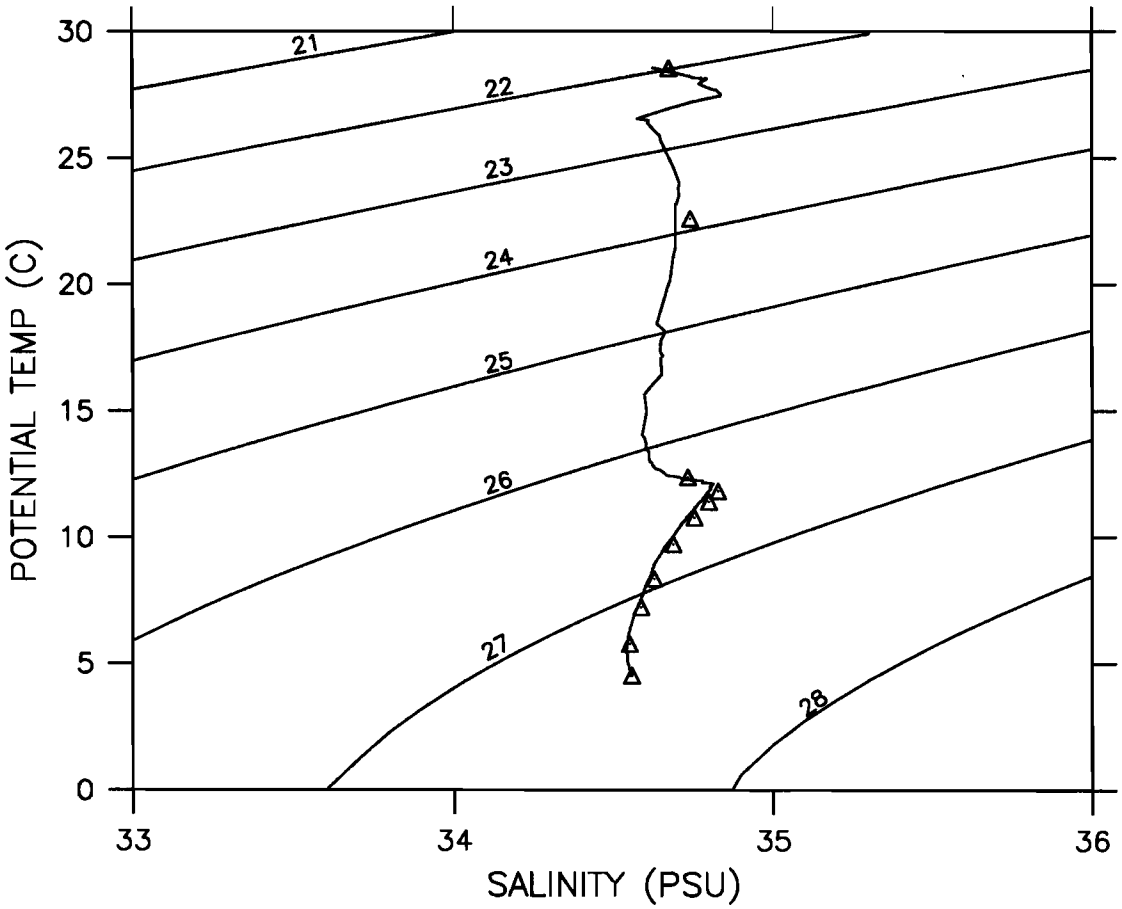


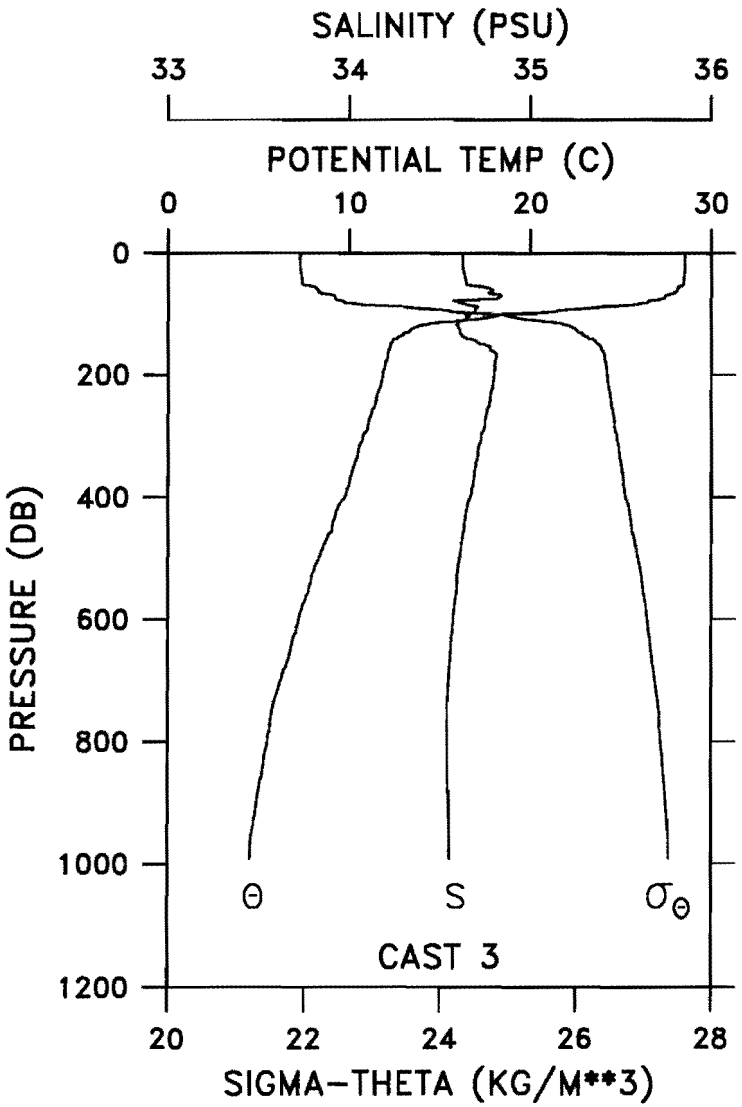
CAST EP2-94-MB -002 DATE 24 MAY 94 TIME 0411 GMT
LAT 05 01.7N LONG 139 59.4W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 125 T SPD 13 KT VISIBILITY 7
CLOUD 8 AMOUNT 3 DRY 24.4 WET 26.9 DEPTH 4453 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.621	34.354	21.707	0.000
10	28.528	34.341	21.728	0.061
20	28.496	34.350	21.746	0.122
30	28.497	34.376	21.765	0.182
40	28.469	34.493	21.861	0.242
50	28.162	34.723	22.136	0.301
60	28.022	34.745	22.198	0.358
70	27.463	34.689	22.337	0.414
80	26.983	34.582	22.410	0.469
90	25.543	34.669	22.927	0.522
100	23.979	34.694	23.417	0.568
110	22.300	34.699	23.907	0.611
120	19.879	34.683	24.553	0.648
130	17.729	34.660	25.079	0.679
140	15.806	34.629	25.507	0.706
150	13.886	34.595	25.899	0.729
160	12.766	34.588	26.121	0.749
170	12.303	34.592	26.214	0.768
180	11.748	34.614	26.337	0.786
190	11.561	34.651	26.402	0.803
200	11.223	34.661	26.471	0.819
250	10.193	34.648	26.645	0.895
300	9.703	34.643	26.724	0.965
350	9.288	34.638	26.789	1.032
400	9.039	34.634	26.825	1.098
450	8.669	34.622	26.875	1.162
500	8.155	34.604	26.940	1.223
550	7.632	34.586	27.003	1.282
600	7.211	34.571	27.051	1.338
650	6.700	34.558	27.111	1.391
700	6.314	34.551	27.158	1.443
750	5.925	34.547	27.204	1.492
800	5.625	34.543	27.239	1.539
900	5.049	34.547	27.311	1.629
992	4.651	34.552	27.360	1.706

CAST EP2-94-MB -003 DATE 25 MAY 94 TIME 0959 GMT

LAT 04 00.0N LONG 140 13.0W



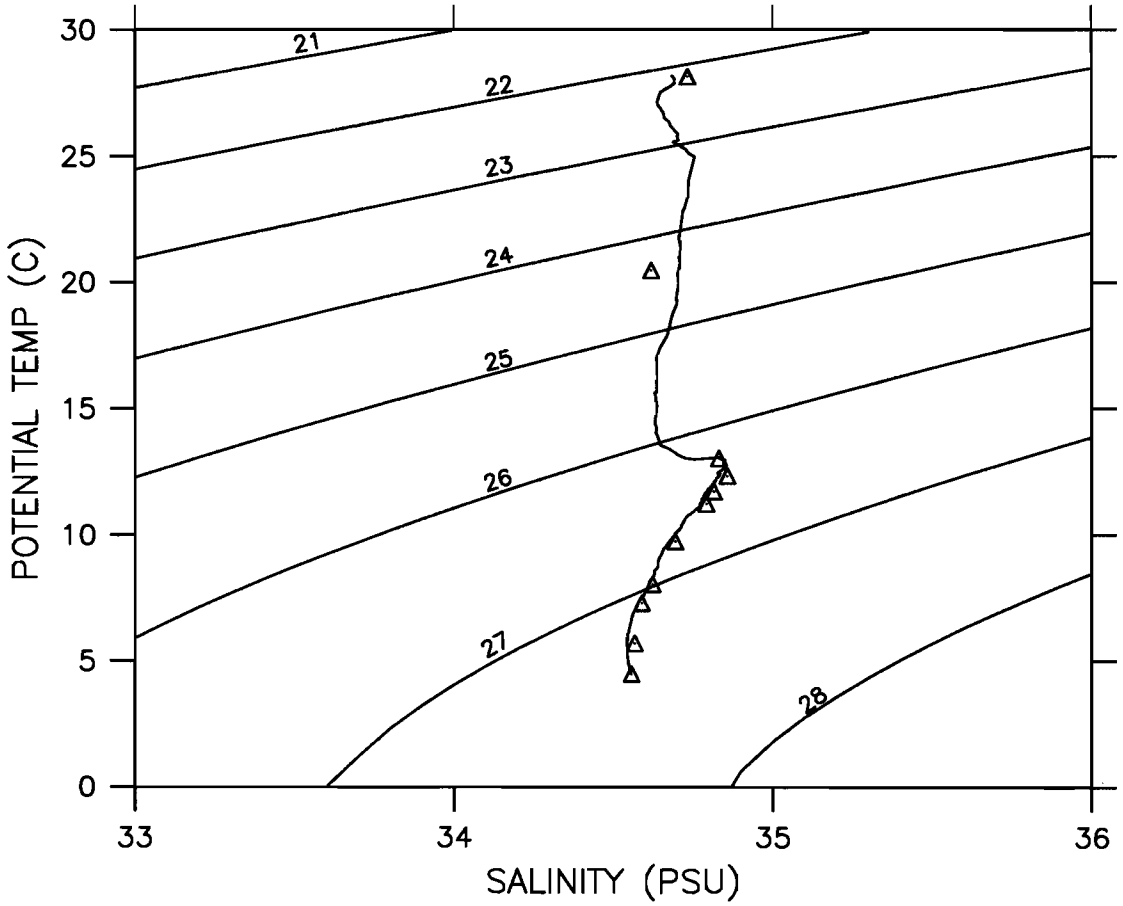


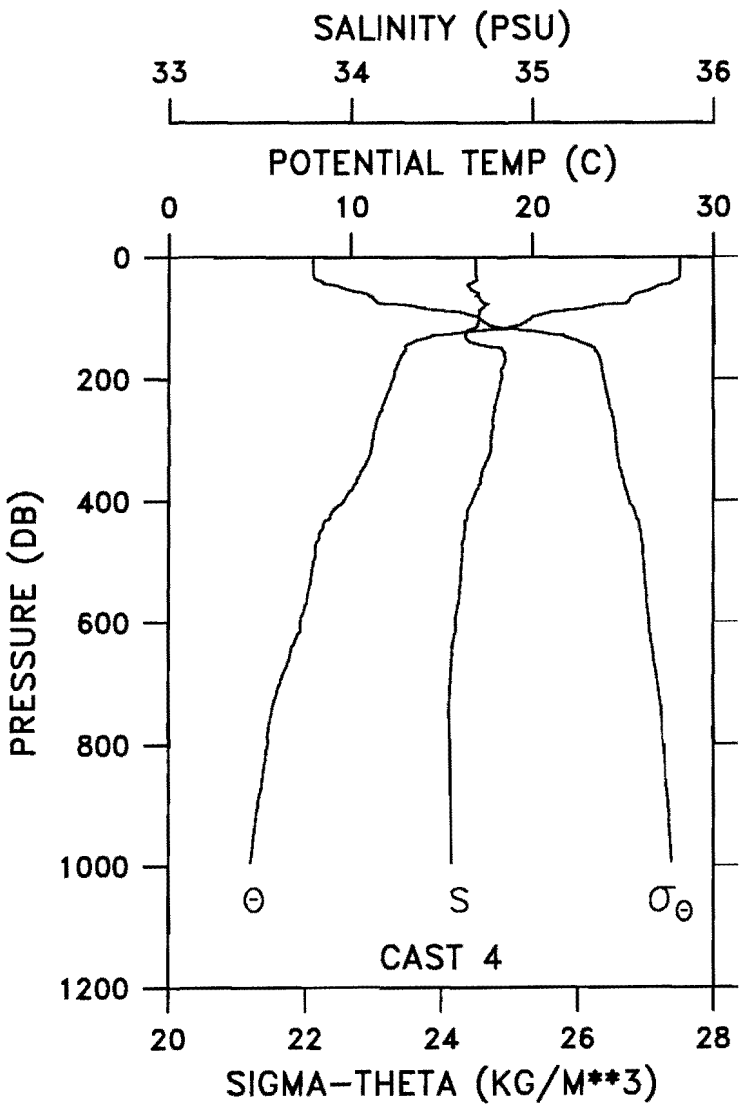
CAST EP2-94-MB -003 DATE 25 MAY 94 TIME 0959 GMT
LAT 04 00.0N LONG 140 13.0W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 128 T SPD 12 KT VISIBILITY 8
CLOUD 8 AMOUNT 4 DRY 27.4 WET 25.0 DEPTH 4204 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.550	34.623	21.933	0.000
10	28.555	34.625	21.933	0.059
20	28.555	34.626	21.934	0.118
30	28.538	34.631	21.942	0.176
40	28.509	34.638	21.957	0.235
50	28.494	34.646	21.969	0.294
60	28.136	34.790	22.195	0.351
70	27.479	34.835	22.442	0.407
80	26.486	34.610	22.589	0.461
90	23.510	34.706	23.565	0.510
100	18.433	34.636	24.887	0.548
110	16.441	34.651	25.379	0.577
120	13.855	34.599	25.908	0.600
130	13.221	34.610	26.047	0.621
140	12.651	34.644	26.187	0.640
150	12.248	34.748	26.346	0.658
160	12.137	34.781	26.393	0.674
170	12.106	34.812	26.423	0.691
180	11.970	34.804	26.443	0.707
190	11.914	34.804	26.454	0.723
200	11.829	34.798	26.466	0.740
250	11.409	34.772	26.524	0.819
300	10.750	34.728	26.609	0.895
350	10.223	34.697	26.678	0.968
400	9.746	34.668	26.736	1.039
450	9.045	34.633	26.824	1.106
500	8.318	34.609	26.919	1.169
550	7.753	34.593	26.991	1.228
600	7.182	34.574	27.058	1.284
650	6.764	34.562	27.106	1.338
700	6.212	34.549	27.169	1.389
750	5.718	34.542	27.227	1.437
800	5.474	34.542	27.256	1.483
900	4.882	34.549	27.331	1.571
991	4.511	34.555	27.377	1.645

CAST EP2-94-MB -004 DATE 26 MAY 94 TIME 0730 GMT

LAT 01 58.2N LONG 140 01.5W



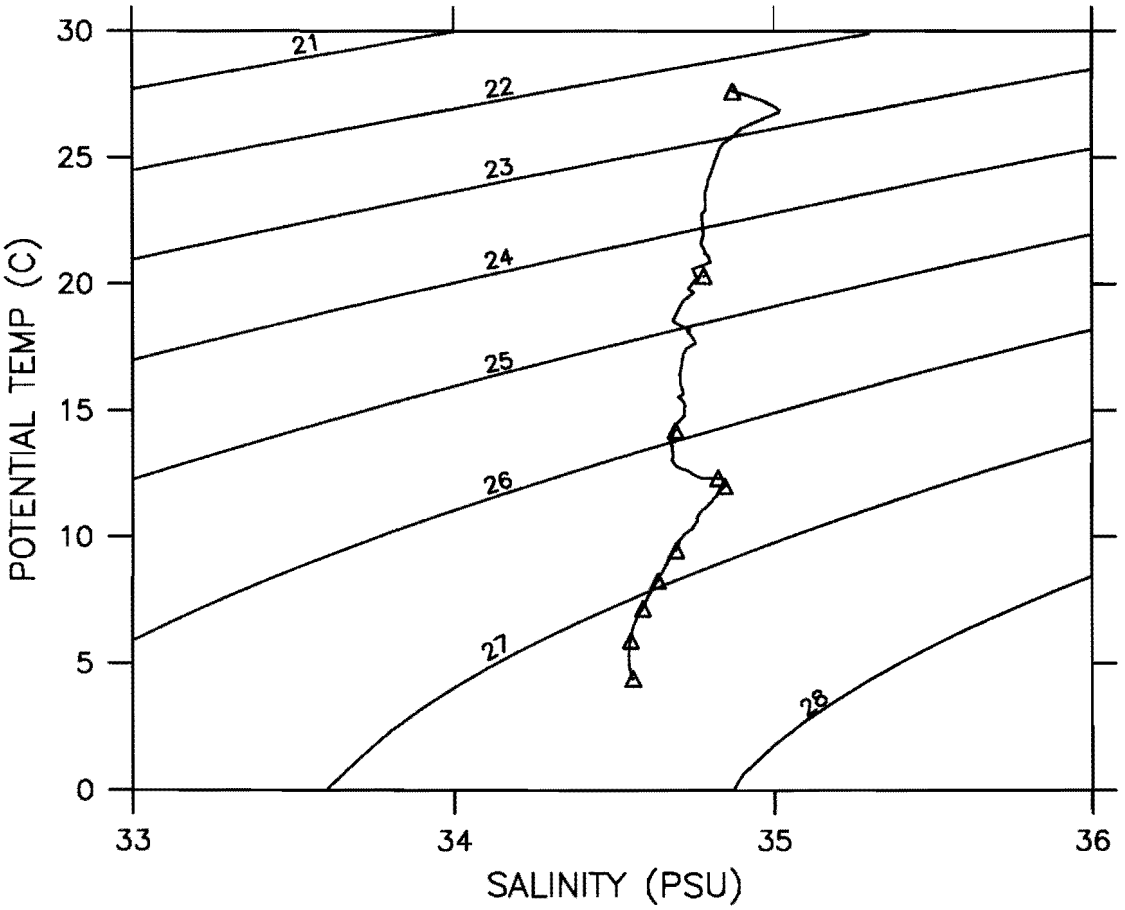


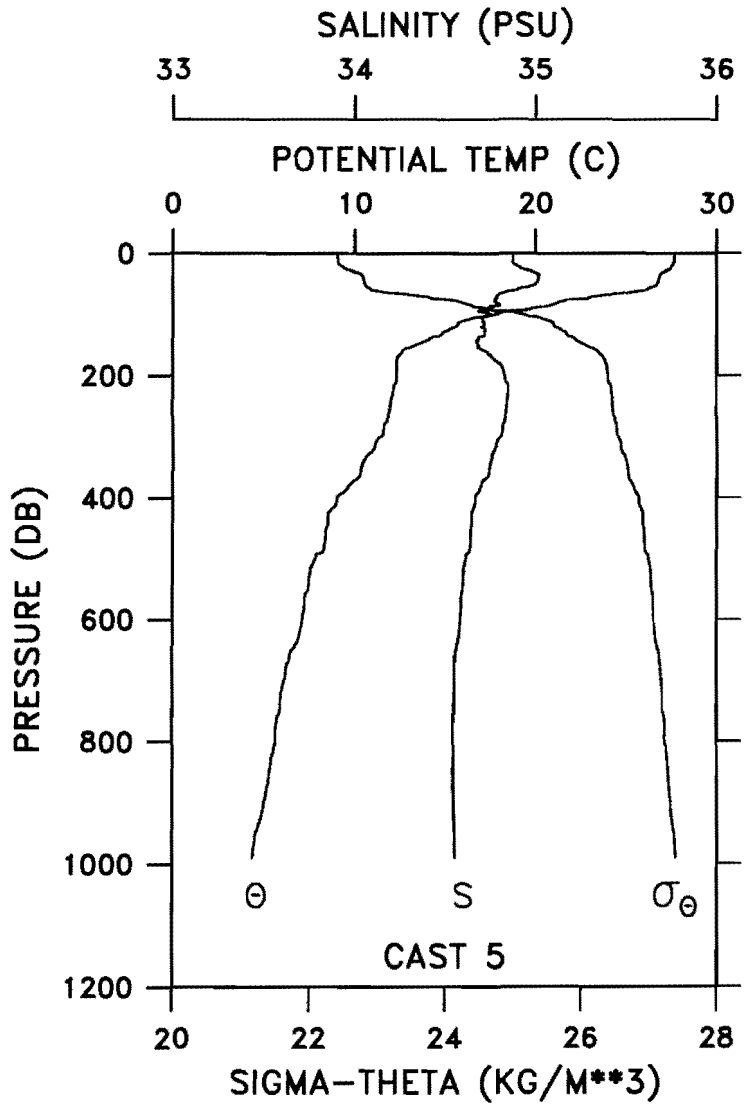
CAST EP2-94-MB -004 DATE 26 MAY 94 TIME 0730 GMT
LAT 01 58.2N LONG 140 01.5W WEATHER 1 SEA STATE 3
BAROMETER 11 WIND DIR 095 T SPD 15 KT VISIBILITY 7
CLOUD 8 AMOUNT 4 DRY 27.0 WET 24.0 DEPTH 0000 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.149	34.685	22.111	0.000
10	28.151	34.686	22.112	0.057
20	28.151	34.687	22.112	0.114
30	28.132	34.689	22.120	0.171
40	27.692	34.673	22.251	0.228
50	26.707	34.659	22.556	0.283
60	25.698	34.704	22.906	0.334
70	25.336	34.718	23.028	0.383
80	23.379	34.736	23.626	0.430
90	20.986	34.708	24.277	0.470
100	19.918	34.706	24.560	0.505
110	19.395	34.700	24.692	0.539
120	17.056	34.638	25.224	0.569
130	14.404	34.632	25.818	0.594
140	13.371	34.678	26.069	0.614
150	13.053	34.834	26.254	0.633
160	12.796	34.846	26.315	0.651
170	12.664	34.850	26.344	0.668
180	12.537	34.840	26.361	0.685
190	12.425	34.833	26.378	0.702
200	12.349	34.833	26.393	0.719
250	11.697	34.793	26.486	0.801
300	11.189	34.772	26.564	0.879
350	10.590	34.725	26.635	0.955
400	9.611	34.670	26.760	1.026
450	8.332	34.626	26.931	1.089
500	7.953	34.611	26.976	1.148
550	7.654	34.600	27.011	1.206
600	7.237	34.579	27.054	1.262
650	6.668	34.559	27.117	1.316
700	6.121	34.549	27.181	1.367
750	5.644	34.545	27.238	1.414
800	5.424	34.545	27.265	1.459
900	4.881	34.549	27.332	1.547
995	4.485	34.558	27.383	1.624

CAST EP2-94-MB -005 DATE 26 MAY 94 TIME 1309 GMT

LAT 01 00.0N LONG 139 59.6W



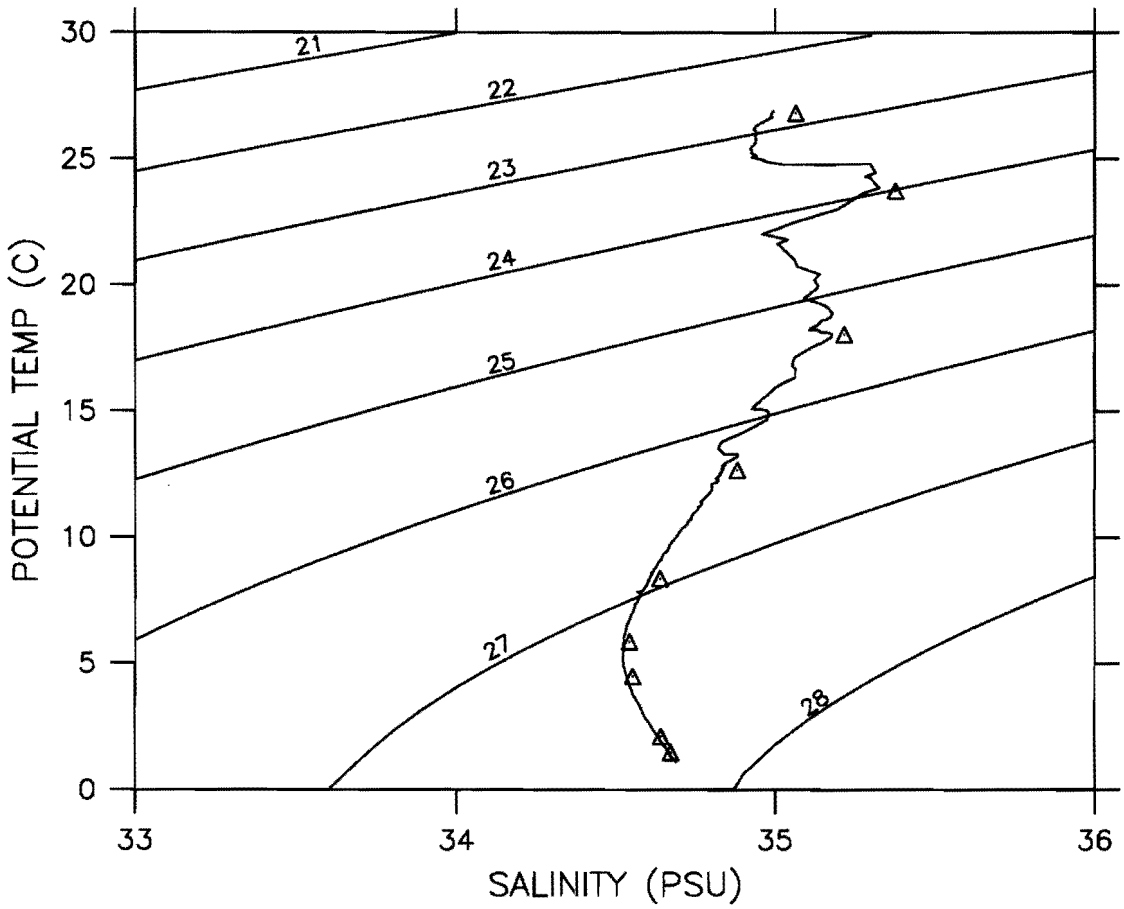


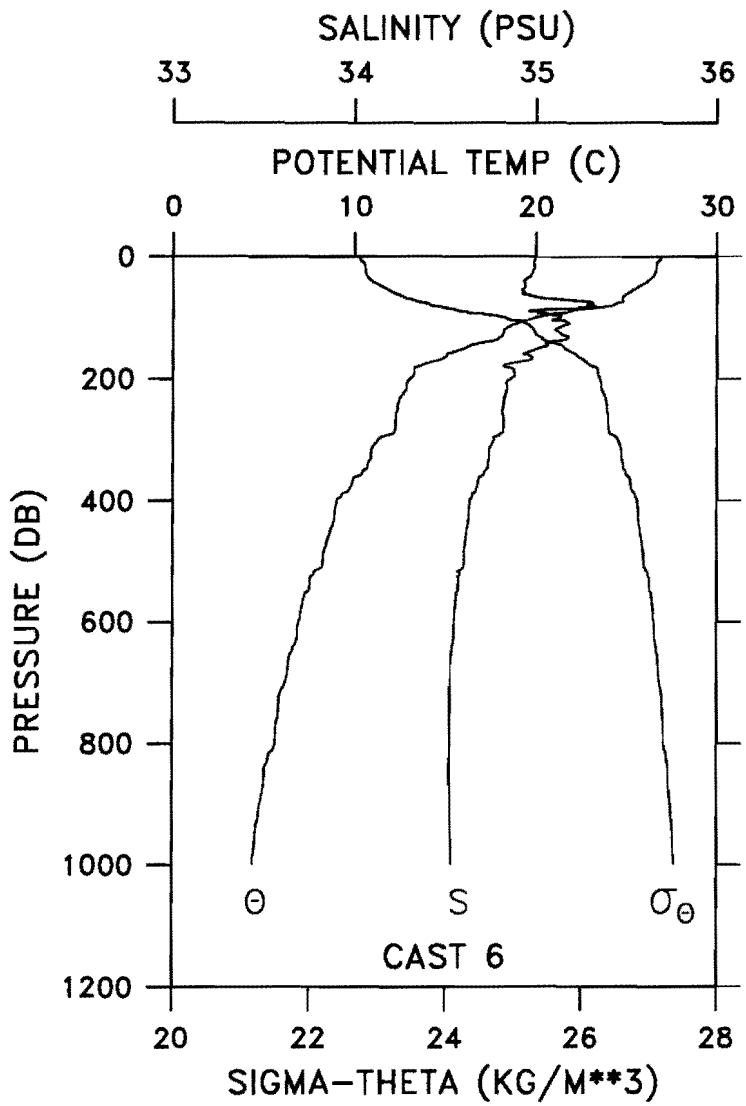
CAST EP2-94-MB -005 DATE 26 MAY 94 TIME 1309 GMT
LAT 01 00.0N LONG 139 59.6W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 124 T SPD 14 KT VISIBILITY 7
CLOUD 2 AMOUNT 4 DRY 26.5 WET 24.5 DEPTH 4369 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.638	34.872	22.418	0.000
10	27.623	34.872	22.423	0.054
20	27.533	34.899	22.472	0.108
30	27.186	34.974	22.641	0.161
40	26.812	35.017	22.793	0.212
50	26.712	35.000	22.811	0.263
60	26.156	34.897	22.909	0.313
70	23.331	34.784	23.676	0.359
80	21.256	34.786	24.263	0.399
90	19.822	34.732	24.605	0.434
100	17.672	34.756	25.166	0.465
110	16.027	34.706	25.517	0.491
120	15.559	34.700	25.618	0.515
130	14.858	34.719	25.787	0.539
140	14.145	34.685	25.914	0.560
150	13.355	34.683	26.076	0.581
160	12.639	34.727	26.254	0.600
170	12.386	34.761	26.329	0.617
180	12.327	34.800	26.371	0.635
190	12.334	34.821	26.386	0.651
200	12.318	34.829	26.396	0.668
250	11.988	34.840	26.467	0.750
300	11.440	34.807	26.545	0.830
350	10.385	34.746	26.688	0.904
400	9.055	34.668	26.850	0.973
450	8.461	34.643	26.924	1.035
500	7.850	34.615	26.994	1.094
550	7.463	34.597	27.037	1.150
600	7.132	34.584	27.073	1.205
650	6.565	34.562	27.133	1.258
700	6.130	34.553	27.183	1.308
750	5.893	34.548	27.209	1.356
800	5.655	34.546	27.237	1.403
900	5.009	34.545	27.314	1.492
990	4.399	34.556	27.390	1.566

CAST EP2-94-MB -006 DATE 27 MAY 94 TIME 0955 GMT

LAT 00 01.0N LONG 139 57.1W



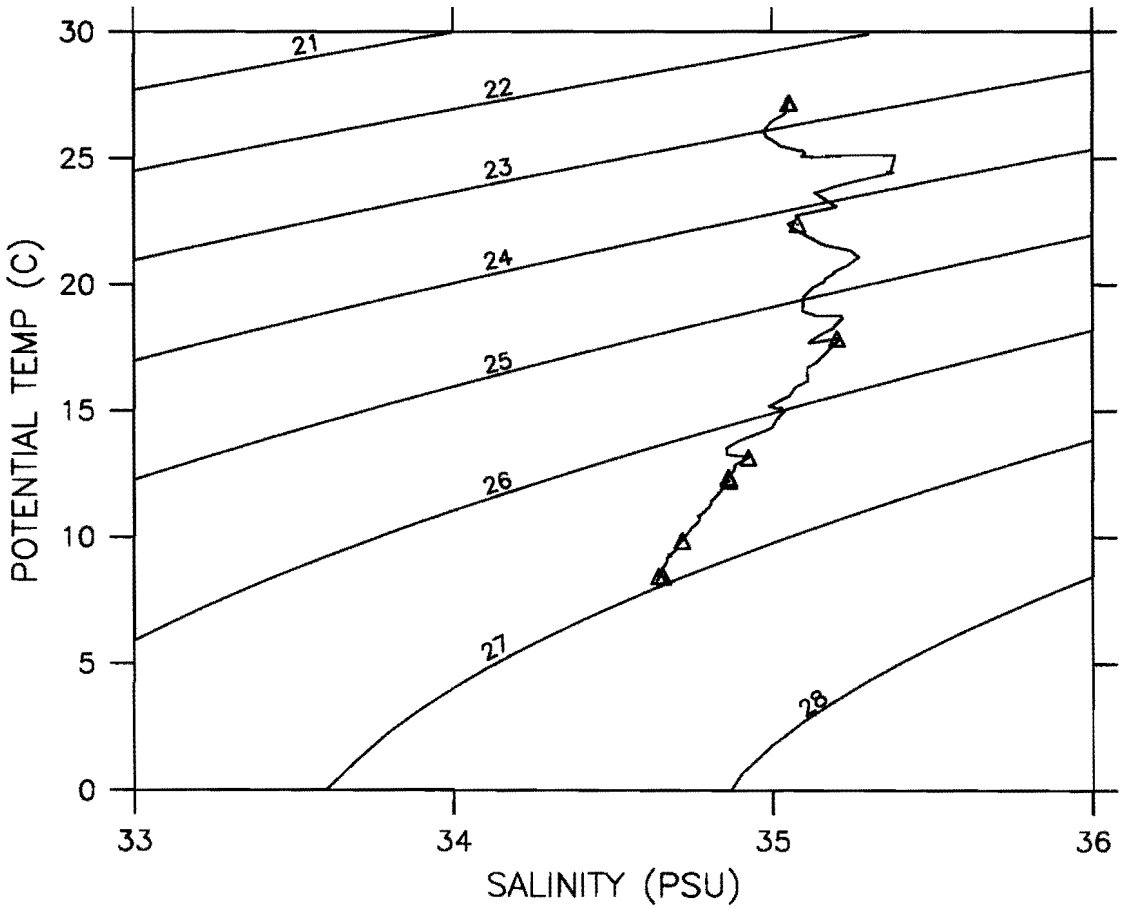


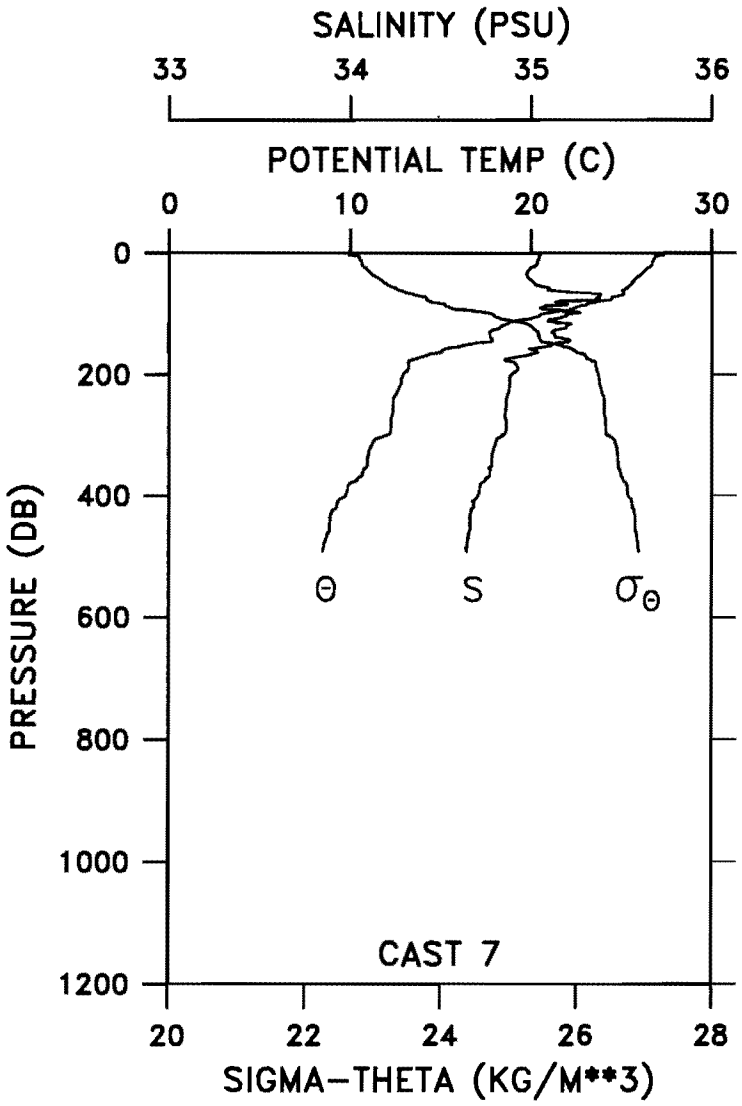
CAST EP2-94-MB -006 DATE 27 MAY 94 TIME 0955 GMT
LAT 00 01.0N LONG 139 57.1W WEATHER 1 SEA STATE 1
BAROMETER 09 WIND DIR 073 T SPD 08 KT VISIBILITY 7
CLOUD 8 AMOUNT 5 DRY 26.2 WET 25.0 DEPTH 4290 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.906	34.995	22.746	0.000
10	26.697	34.988	22.807	0.051
20	26.651	34.988	22.822	0.101
30	26.558	34.973	22.840	0.152
40	26.184	34.932	22.927	0.201
50	25.691	34.939	23.085	0.250
60	25.131	34.941	23.258	0.297
70	24.772	35.138	23.517	0.343
80	24.260	35.298	23.791	0.385
90	21.807	35.039	24.303	0.424
100	19.919	35.134	24.887	0.457
110	18.889	35.181	25.189	0.487
120	18.210	35.107	25.303	0.514
130	18.122	35.167	25.371	0.541
140	17.119	35.060	25.533	0.567
150	16.018	35.011	25.753	0.590
160	15.086	34.956	25.920	0.612
170	14.512	34.950	26.041	0.633
180	13.398	34.831	26.182	0.653
190	13.283	34.882	26.245	0.671
200	13.049	34.860	26.275	0.689
250	12.366	34.819	26.378	0.776
300	11.292	34.767	26.541	0.860
350	10.502	34.722	26.649	0.936
400	9.027	34.634	26.828	1.005
450	8.674	34.618	26.871	1.069
500	8.261	34.603	26.923	1.131
550	7.389	34.565	27.022	1.189
600	6.912	34.549	27.076	1.243
650	6.535	34.536	27.117	1.297
700	6.178	34.528	27.157	1.347
750	5.811	34.524	27.201	1.396
800	5.641	34.527	27.224	1.444
900	4.802	34.527	27.323	1.532
1000	4.395	34.535	27.374	1.614
1500	2.931	34.589	27.563	1.970
2000	2.119	34.630	27.666	2.256
2500	1.689	34.654	27.719	2.505
3000	1.472	34.666	27.744	2.738
3500	1.229	34.680	27.773	2.964
3942	1.097	34.687	27.788	3.156

CAST EP2-94-MB -007 DATE 27 MAY 94 TIME 0445 GMT

LAT 00 01.6N LONG 139 59.6W



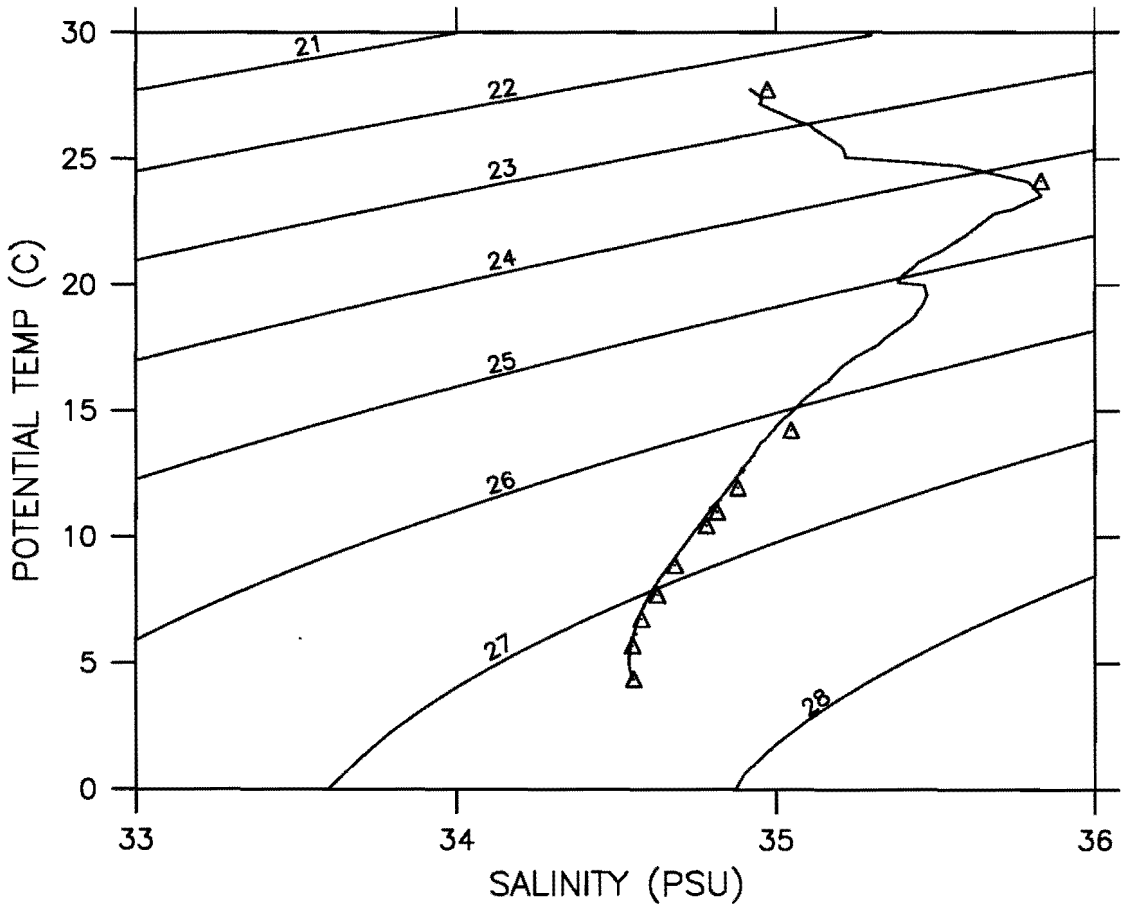


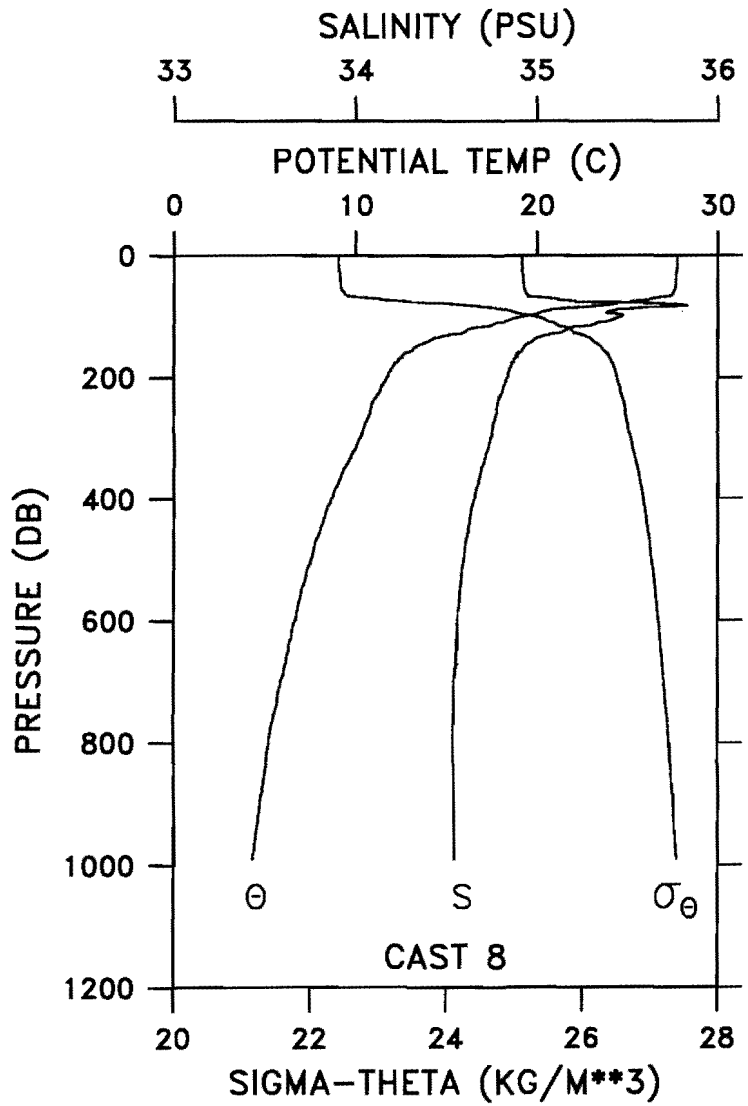
CAST EP2-94-MB -007 DATE 27 MAY 94 TIME 0445 GMT
LAT 00 01.6N LONG 139 59.6W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 160 T SPD 05 KT VISIBILITY 7
CLOUD 8 AMOUNT 5 DRY 26.9 WET 25.0 DEPTH 4215 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.376	35.054	22.640	0.000
10	26.793	35.040	22.816	0.051
20	26.659	35.026	22.848	0.101
30	26.245	34.982	22.945	0.151
40	25.843	34.983	23.071	0.200
50	25.546	35.021	23.191	0.247
60	25.203	35.103	23.359	0.293
70	24.820	35.378	23.684	0.337
80	23.644	35.132	23.848	0.379
90	22.412	35.049	24.140	0.418
100	20.624	35.213	24.759	0.452
110	19.335	35.096	25.010	0.484
120	18.351	35.193	25.334	0.512
130	17.688	35.114	25.437	0.538
140	17.814	35.180	25.457	0.564
150	16.510	35.109	25.715	0.589
160	15.129	35.029	25.967	0.610
170	14.009	34.934	26.135	0.630
180	13.202	34.908	26.281	0.649
190	13.197	34.927	26.297	0.667
200	12.926	34.891	26.324	0.684
250	12.373	34.862	26.411	0.770
300	12.027	34.839	26.460	0.853
350	10.953	34.782	26.615	0.929
400	9.753	34.708	26.766	1.000
450	8.877	34.662	26.873	1.065
492	8.481	34.643	26.920	1.117

CAST EP2-94-MB -008 DATE 02 JUN 94 TIME 0602 GMT

LAT 04 58.5S LONG 124 53.0W



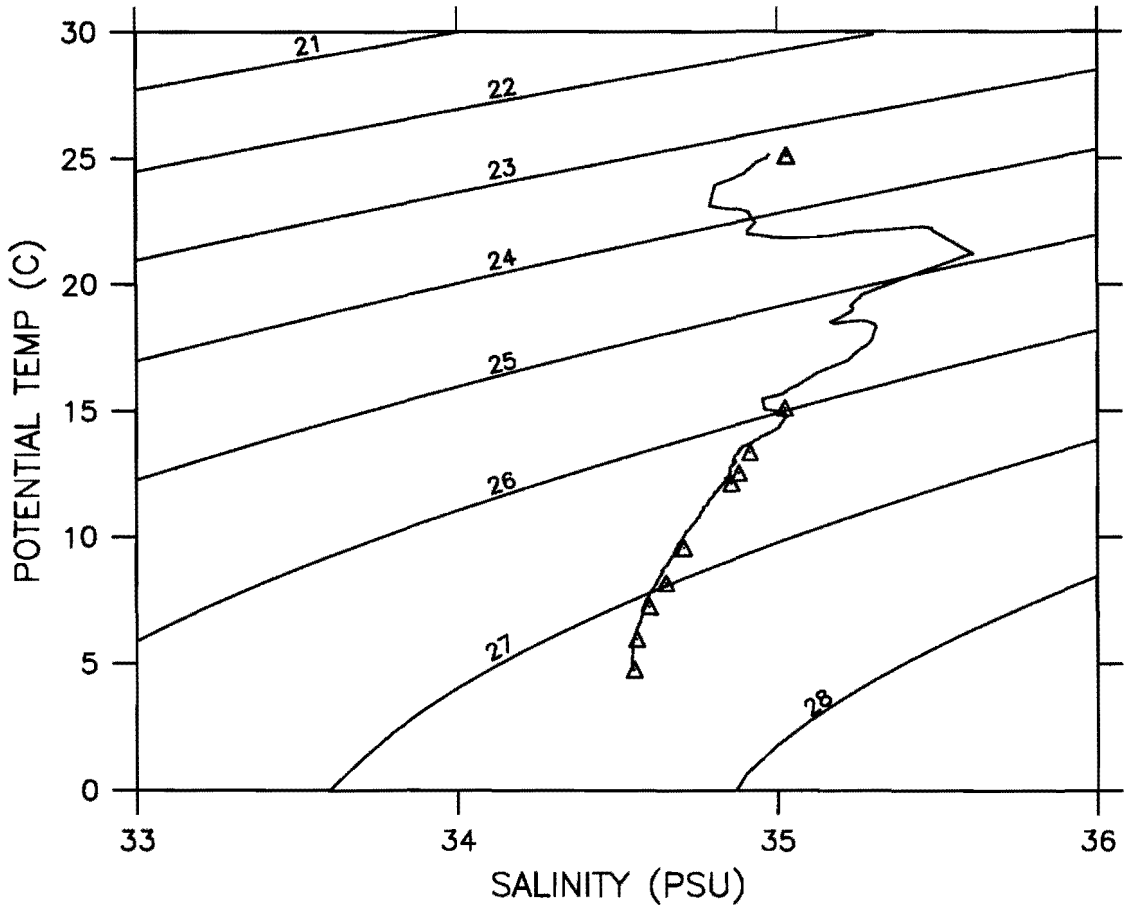


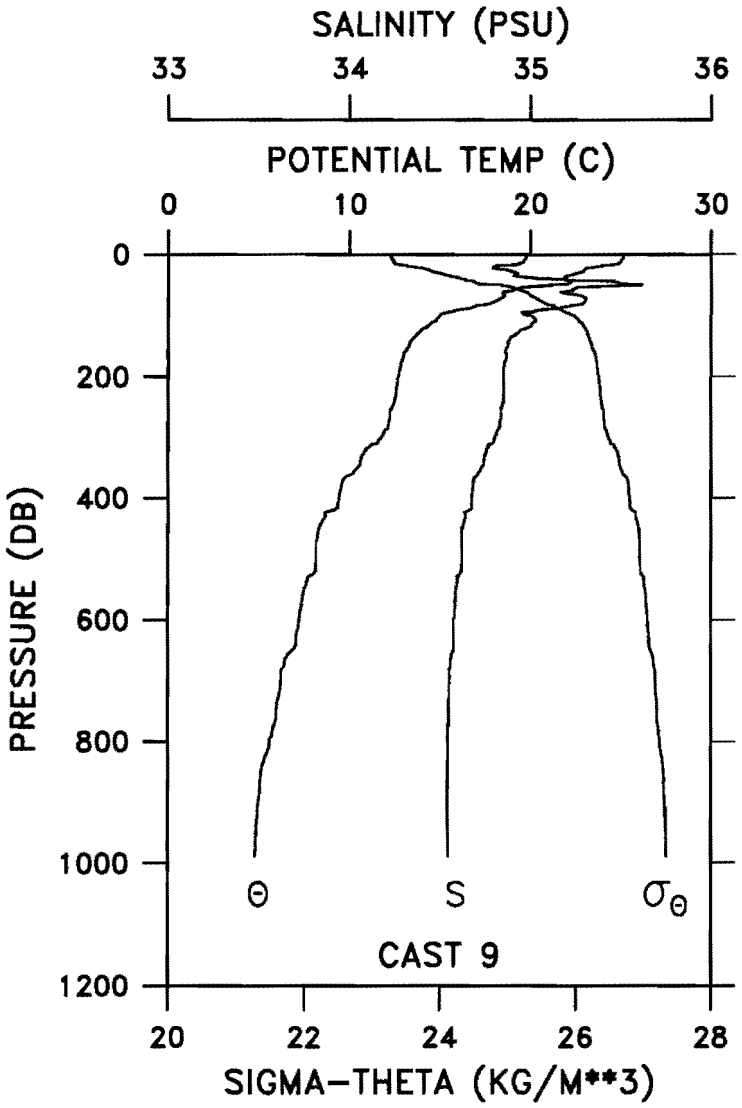
CAST EP2-94-MB -008 DATE 02 JUN 94 TIME 0602 GMT
LAT 04 58.5S LONG 124 53.0W WEATHER 2 SEA STATE 4
BAROMETER 12 WIND DIR 112 T SPD 14 KT VISIBILITY 7
CLOUD 3 AMOUNT 8 DRY 27.6 WET 24.5 DEPTH 4865 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.762	34.916	22.411	0.000
10	27.762	34.918	22.413	0.054
20	27.748	34.920	22.419	0.108
30	27.691	34.922	22.438	0.163
40	27.680	34.925	22.445	0.217
50	27.673	34.928	22.449	0.271
60	27.557	34.938	22.494	0.325
70	26.341	35.107	23.009	0.377
80	24.082	35.792	24.219	0.421
90	20.604	35.423	24.925	0.454
100	19.147	35.458	25.335	0.483
110	17.763	35.334	25.587	0.509
120	16.226	35.166	25.824	0.532
130	15.116	35.062	25.995	0.554
140	14.019	34.976	26.165	0.573
150	13.287	34.929	26.281	0.591
160	12.701	34.890	26.368	0.609
170	12.382	34.874	26.418	0.625
180	12.119	34.859	26.457	0.642
190	11.885	34.846	26.492	0.658
200	11.742	34.838	26.513	0.673
250	10.864	34.781	26.630	0.749
300	10.229	34.743	26.712	0.820
350	9.361	34.693	26.819	0.887
400	8.686	34.654	26.897	0.951
450	8.074	34.620	26.965	1.010
500	7.559	34.597	27.022	1.067
550	7.029	34.576	27.081	1.122
600	6.657	34.564	27.122	1.174
650	6.302	34.556	27.163	1.224
700	5.876	34.544	27.208	1.273
750	5.552	34.541	27.246	1.320
800	5.237	34.538	27.281	1.364
900	4.756	34.541	27.339	1.450
990	4.357	34.549	27.389	1.523

CAST EP2-94-MB -009 DATE 07 JUN 94 TIME 0828 GMT

LAT 00 00.2N LONG 110 01.4W



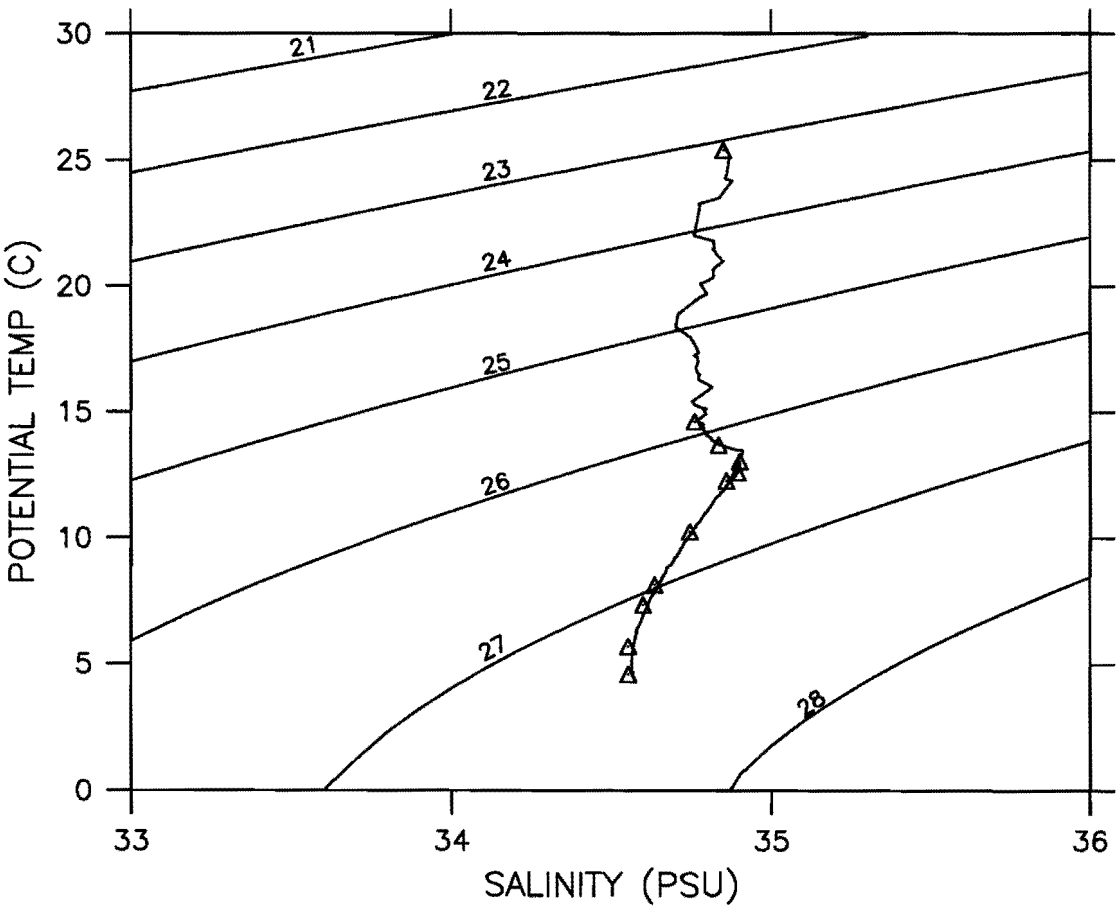


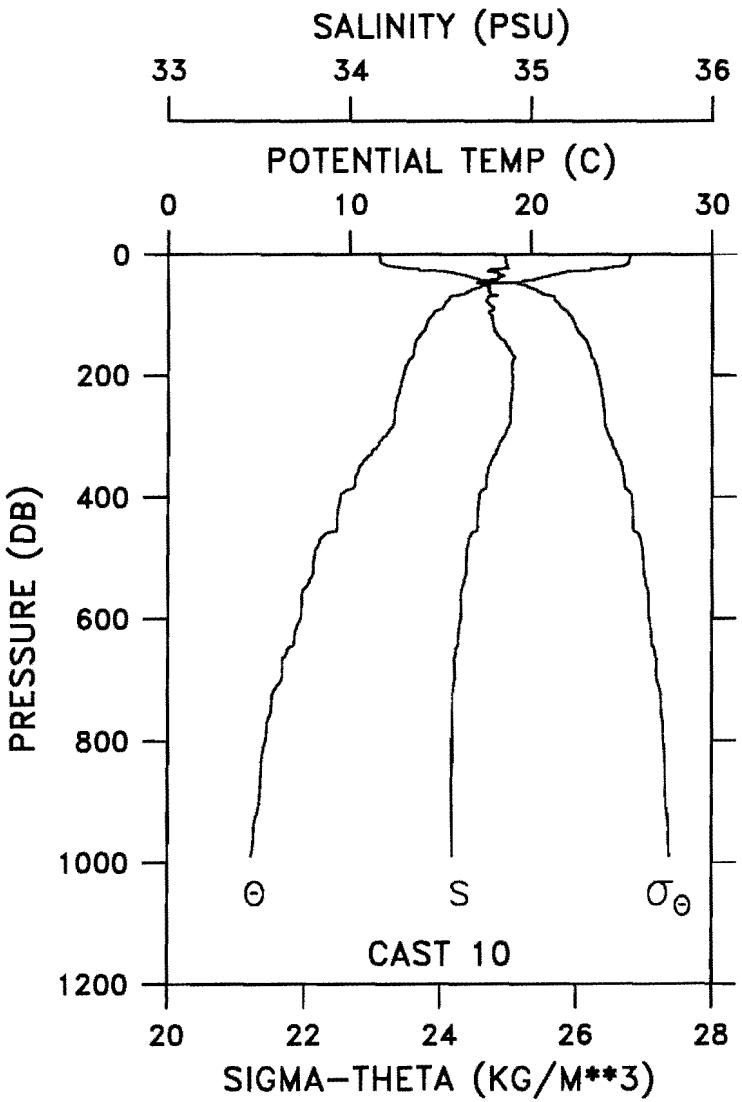
CAST EP2-94-MB -009 DATE 07 JUN 94 TIME 0828 GMT
LAT 00 00.2N LONG 110 01.4W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 133 T SPD 12 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 24.8 WET 23.7 DEPTH 3742 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.140	34.973	23.280	0.000
10	24.996	34.961	23.315	0.046
20	23.684	34.801	23.586	0.091
30	22.633	34.922	23.981	0.132
40	21.925	35.167	24.367	0.169
50	21.245	35.614	24.895	0.203
60	18.700	35.196	25.248	0.232
70	18.430	35.306	25.401	0.259
80	17.727	35.290	25.562	0.284
90	16.002	35.060	25.794	0.307
100	14.983	35.005	25.980	0.328
110	14.619	35.018	26.070	0.349
120	14.150	34.978	26.139	0.368
130	13.724	34.916	26.181	0.387
140	13.436	34.883	26.214	0.405
150	13.292	34.875	26.238	0.423
160	13.046	34.861	26.277	0.441
170	12.951	34.867	26.300	0.459
180	12.849	34.857	26.313	0.477
190	12.771	34.852	26.324	0.494
200	12.688	34.852	26.341	0.511
250	12.395	34.844	26.392	0.597
300	11.770	34.802	26.480	0.680
350	10.440	34.729	26.665	0.756
400	9.429	34.678	26.796	0.824
450	8.339	34.627	26.930	0.887
500	8.180	34.622	26.950	0.947
550	7.498	34.589	27.025	1.005
600	7.213	34.580	27.058	1.060
650	6.837	34.573	27.105	1.115
700	6.204	34.553	27.173	1.165
750	5.944	34.548	27.203	1.214
800	5.588	34.546	27.245	1.261
900	4.959	34.544	27.319	1.349
989	4.779	34.547	27.342	1.424

CAST EP2-94-MB -010 DATE 07 JUN 94 TIME 1434 GMT

LAT 01 00.1N LONG 110 01.8W



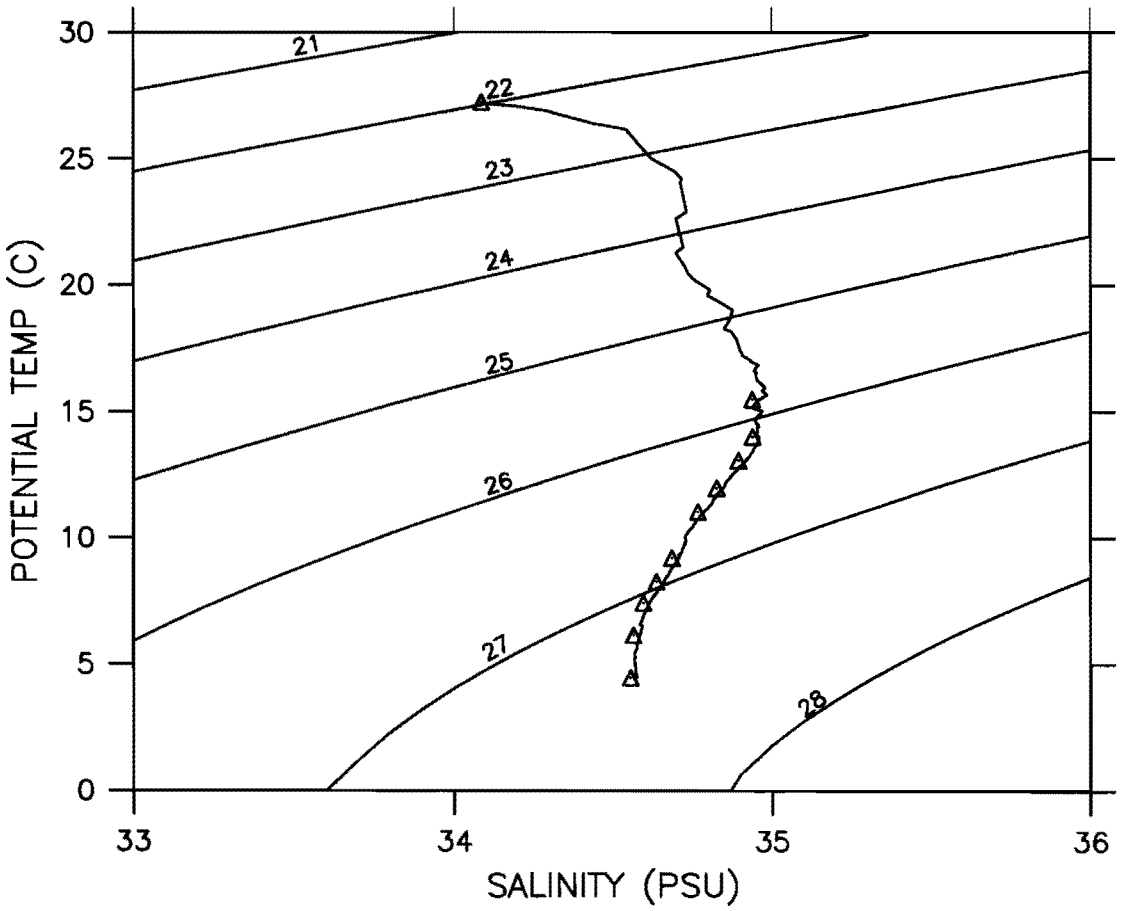


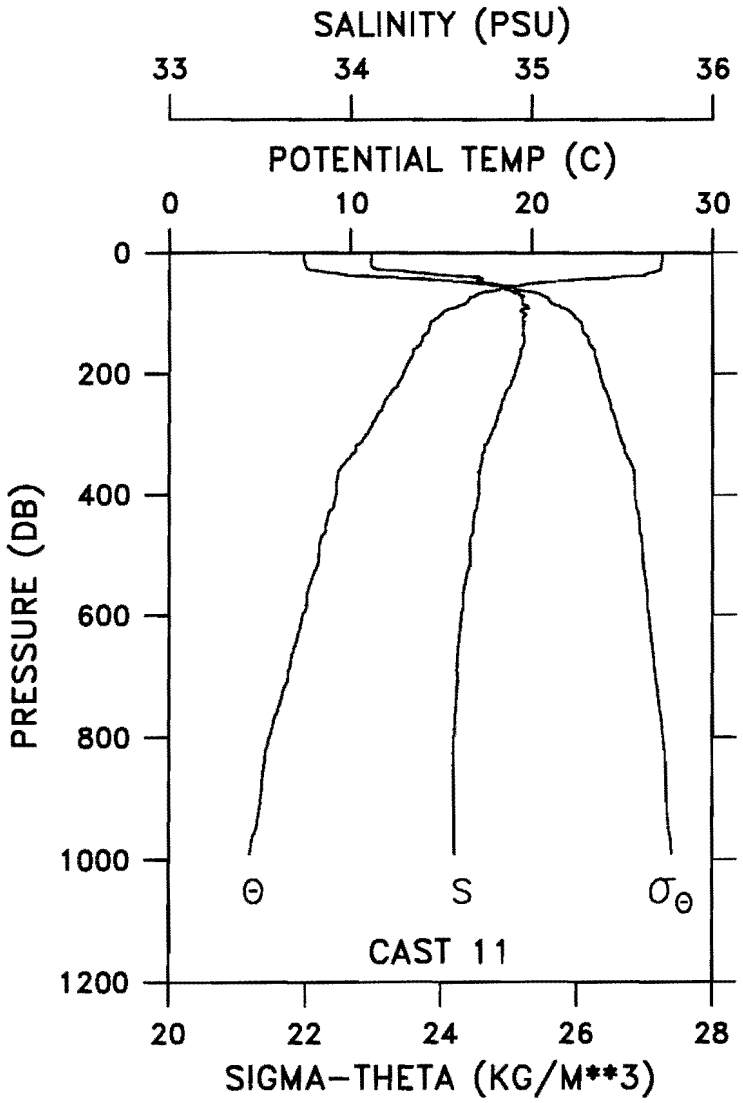
CAST EP2-94-MB -010 DATE 07 JUN 94 TIME 1434 GMT
LAT 01 00.1N LONG 110 01.8W WEATHER 1 SEA STATE 3
BAROMETER 12 WIND DIR 145 T SPD 12 KT VISIBILITY 7
CLOUD 4 AMOUNT 8 DRY 25.1 WET 24.0 DEPTH 3697 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.460	34.856	23.094	0.000
10	25.404	34.860	23.114	0.048
20	24.787	34.865	23.305	0.095
30	21.791	34.819	24.140	0.137
40	20.344	34.819	24.534	0.172
50	17.671	34.760	25.170	0.204
60	16.636	34.766	25.421	0.230
70	15.511	34.762	25.676	0.255
80	15.260	34.764	25.733	0.278
90	15.090	34.787	25.789	0.301
100	14.558	34.779	25.899	0.322
110	14.314	34.788	25.957	0.343
120	14.176	34.795	25.992	0.364
130	13.966	34.810	26.049	0.384
140	13.697	34.840	26.128	0.404
150	13.590	34.865	26.169	0.422
160	13.511	34.885	26.201	0.441
170	13.442	34.910	26.234	0.460
180	13.196	34.898	26.275	0.478
190	13.049	34.896	26.303	0.495
200	12.946	34.900	26.327	0.513
250	12.522	34.889	26.402	0.598
300	11.992	34.856	26.479	0.682
350	10.528	34.766	26.678	0.758
400	9.494	34.715	26.815	0.828
450	9.309	34.705	26.837	0.893
500	8.045	34.645	26.988	0.953
550	7.506	34.619	27.048	1.010
600	7.285	34.613	27.074	1.064
650	6.560	34.586	27.153	1.117
700	6.224	34.578	27.190	1.166
750	5.652	34.568	27.255	1.212
800	5.365	34.565	27.288	1.257
900	5.031	34.564	27.326	1.342
990	4.596	34.569	27.379	1.416

CAST EP2-94-MB -011 DATE 07 JUN 94 TIME 2204 GMT

LAT 02 03.7N LONG 110 07.3W



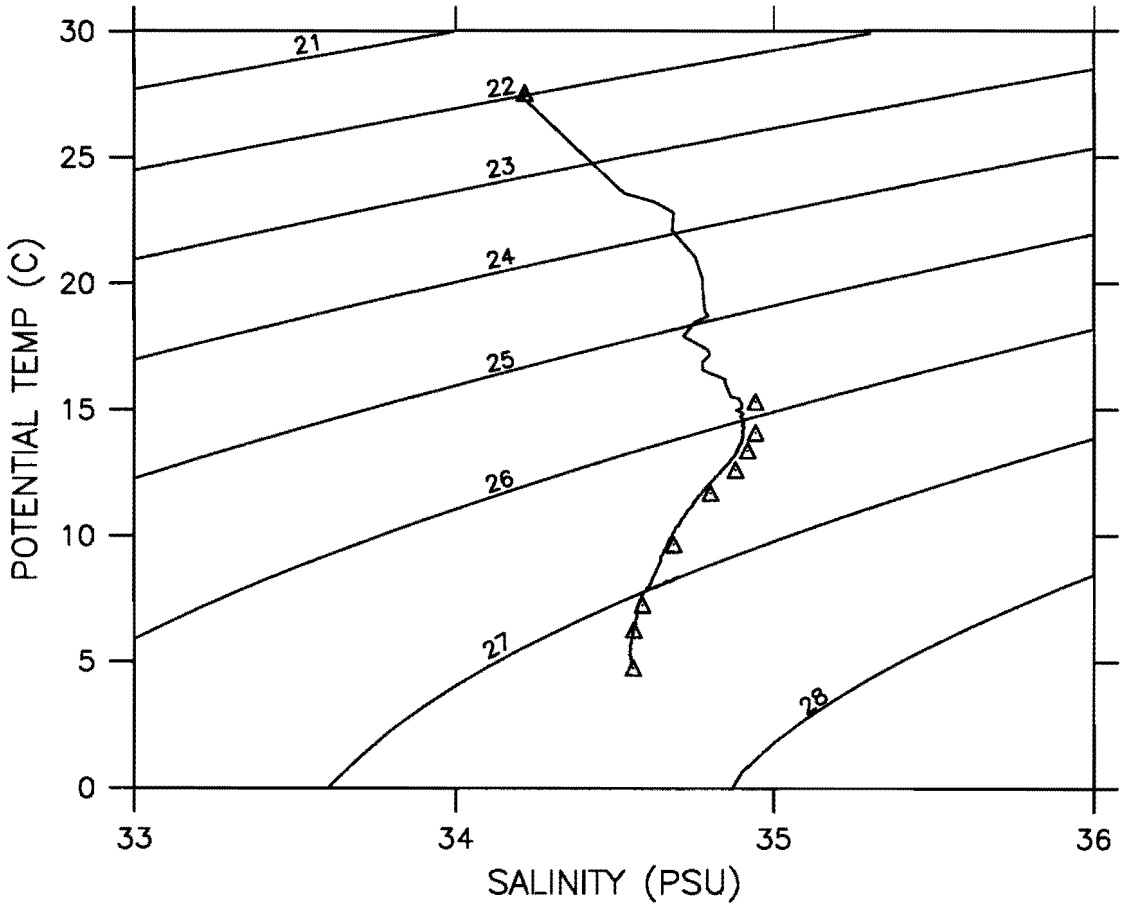


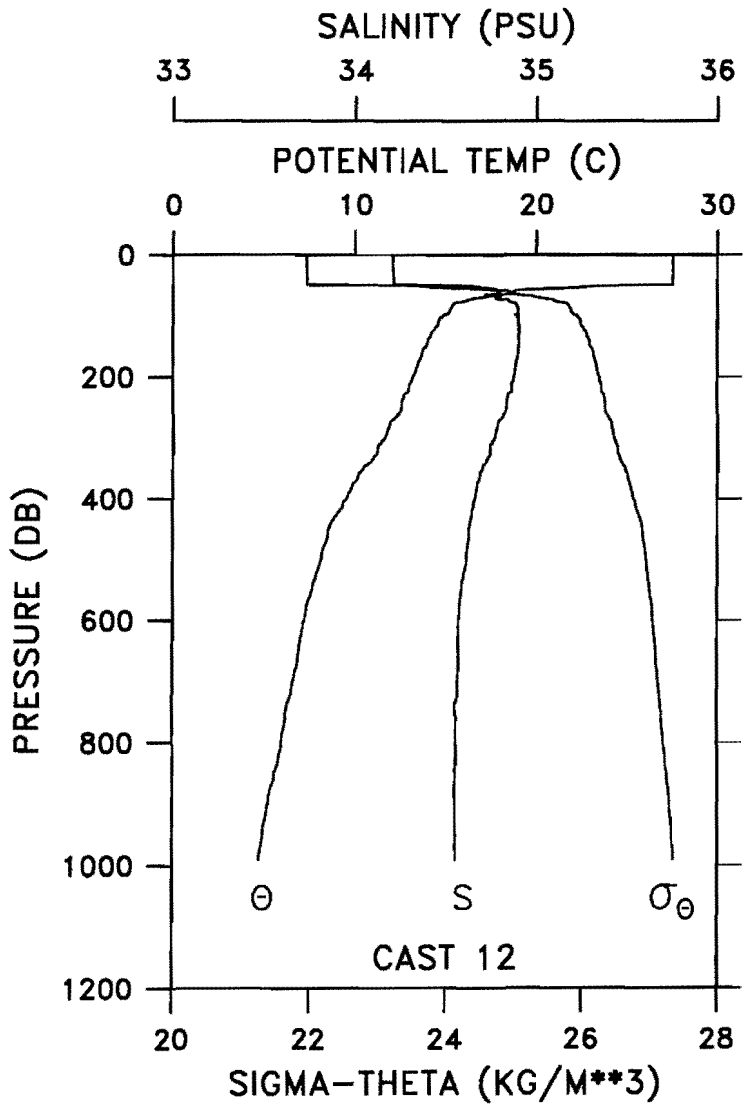
CAST EP2-94-MB -011 DATE 07 JUN 94 TIME 2204 GMT
LAT 02 03.7N LONG 110 07.3W WEATHER 1 SEA STATE 3
BAROMETER 03 WIND DIR 158 T SPD 24 KT VISIBILITY 7
CLOUD 9 AMOUNT 4 DRY 26.9 WET 24.7 DEPTH 3763 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.240	34.114	21.976	0.000
10	27.233	34.112	21.977	0.058
20	27.168	34.109	21.996	0.117
30	26.897	34.290	22.218	0.175
40	24.497	34.694	23.264	0.228
50	20.231	34.754	24.514	0.267
60	18.246	34.852	25.099	0.298
70	16.886	34.949	25.503	0.325
80	16.442	34.949	25.607	0.349
90	15.821	34.968	25.764	0.372
100	15.053	34.960	25.930	0.394
110	14.653	34.948	26.008	0.414
120	14.360	34.952	26.074	0.434
130	14.270	34.953	26.094	0.454
140	13.960	34.959	26.164	0.473
150	13.860	34.956	26.183	0.492
160	13.472	34.941	26.252	0.510
170	13.412	34.939	26.262	0.528
180	13.224	34.928	26.293	0.546
190	13.042	34.917	26.321	0.563
200	12.894	34.906	26.342	0.581
250	11.828	34.835	26.494	0.664
300	10.882	34.775	26.622	0.741
350	9.593	34.718	26.801	0.811
400	9.191	34.707	26.858	0.875
450	8.640	34.677	26.923	0.937
500	8.254	34.661	26.969	0.996
550	7.722	34.630	27.025	1.054
600	7.333	34.611	27.066	1.110
650	6.931	34.597	27.111	1.163
700	6.543	34.591	27.159	1.215
750	6.017	34.582	27.221	1.263
800	5.518	34.571	27.274	1.309
900	5.027	34.569	27.331	1.396
990	4.458	34.576	27.400	1.469

CAST EP2-94-MB -012 DATE 08 JUN 94 TIME 0336 GMT

LAT 03 00.2N LONG 110 03.4W



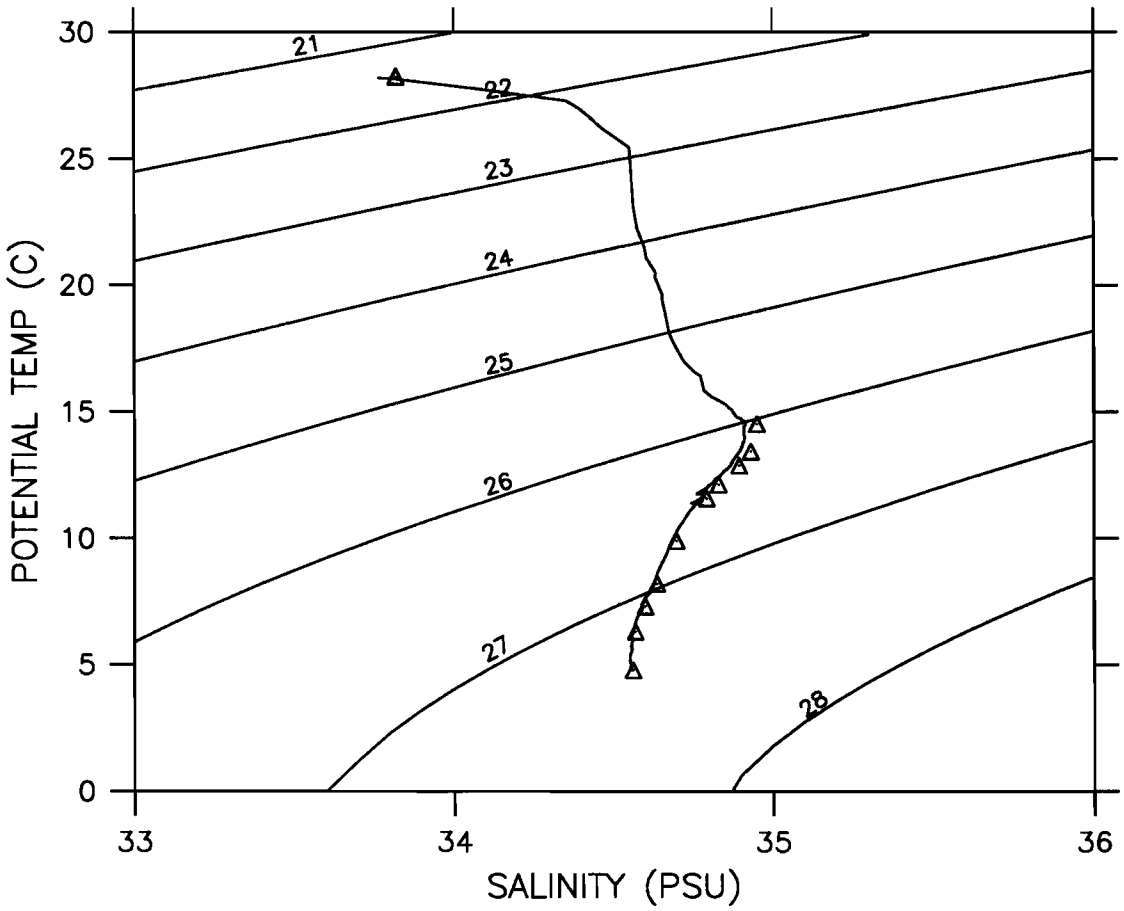


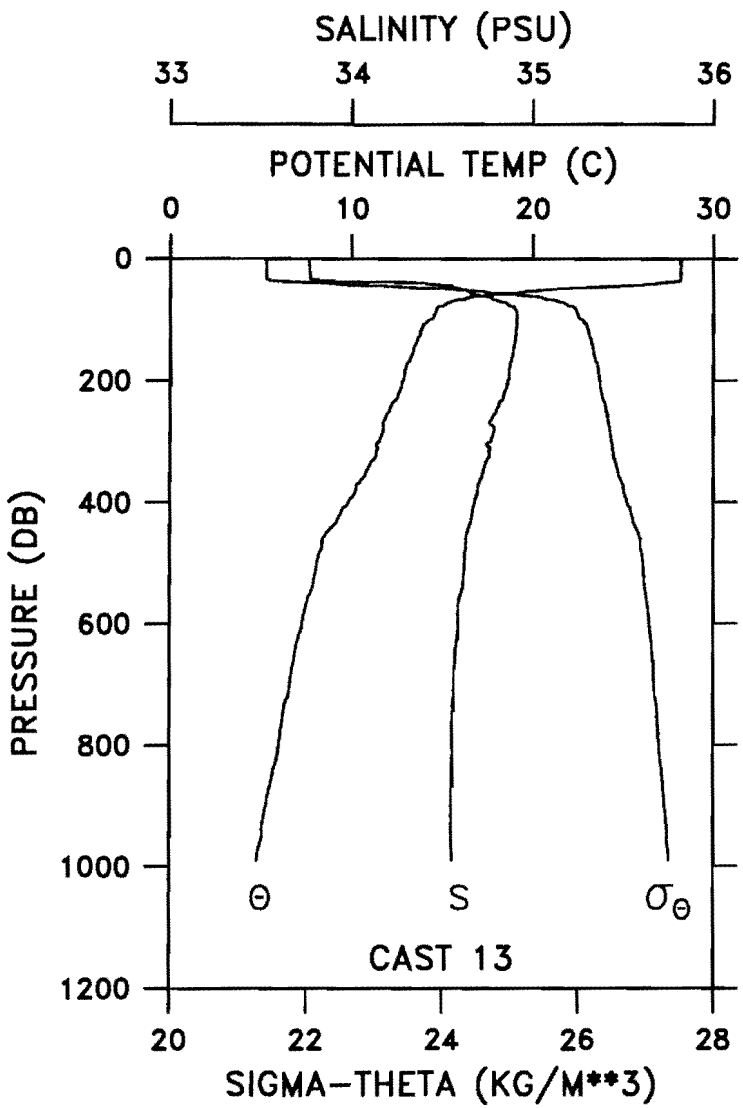
CAST EP2-94-MB -012 DATE 08 JUN 94 TIME 0336 GMT
LAT 03 00.2N LONG 110 03.4W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 170 T SPD 18 KT VISIBILITY 7
CLOUD 3 AMOUNT 3 DRY 26.1 WET 24.2 DEPTH 3788 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.537	34.205	21.949	0.000
10	27.525	34.206	21.954	0.059
20	27.536	34.208	21.952	0.117
30	27.530	34.211	21.956	0.176
40	27.524	34.213	21.959	0.235
50	23.568	34.530	23.414	0.293
60	18.736	34.793	24.931	0.329
70	16.896	34.777	25.369	0.358
80	15.436	34.890	25.791	0.382
90	15.255	34.899	25.838	0.404
100	14.822	34.904	25.937	0.425
110	14.600	34.902	25.984	0.446
120	14.426	34.907	26.026	0.466
130	14.183	34.903	26.074	0.486
140	14.016	34.905	26.111	0.506
150	13.900	34.903	26.134	0.525
160	13.711	34.900	26.171	0.544
170	13.602	34.896	26.190	0.562
180	13.459	34.890	26.215	0.581
190	13.348	34.885	26.234	0.599
200	13.193	34.878	26.260	0.618
250	12.580	34.837	26.350	0.706
300	11.638	34.772	26.481	0.789
350	10.459	34.704	26.642	0.867
400	9.535	34.663	26.767	0.938
450	8.543	34.630	26.900	1.002
500	8.152	34.616	26.950	1.063
550	7.653	34.589	27.003	1.121
600	7.236	34.574	27.051	1.177
650	6.924	34.571	27.091	1.231
700	6.621	34.568	27.130	1.284
750	6.212	34.555	27.174	1.335
800	5.980	34.558	27.206	1.384
900	5.228	34.552	27.294	1.477
991	4.754	34.556	27.352	1.554

CAST EP2-94-MB -013 DATE 08 JUN 94 TIME 0924 GMT

LAT 04 00.1N LONG 110 00.8W



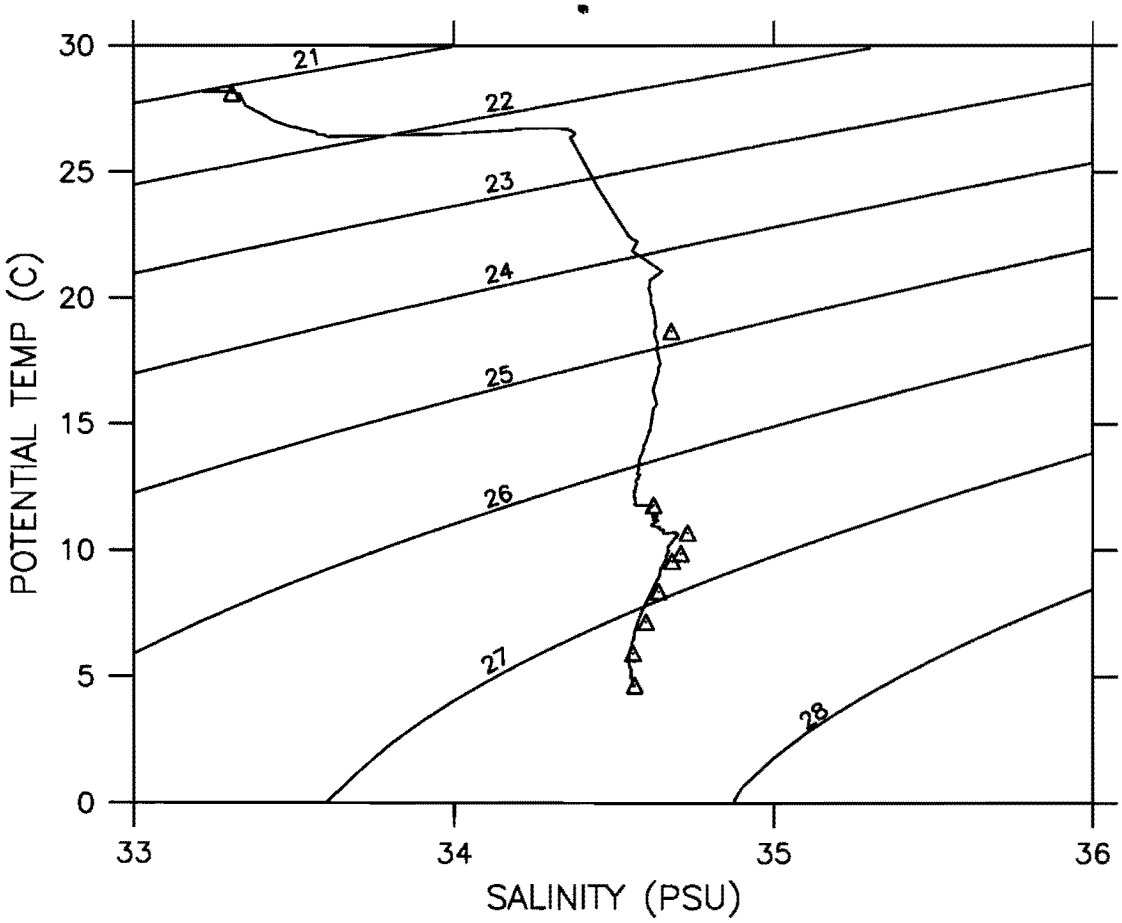


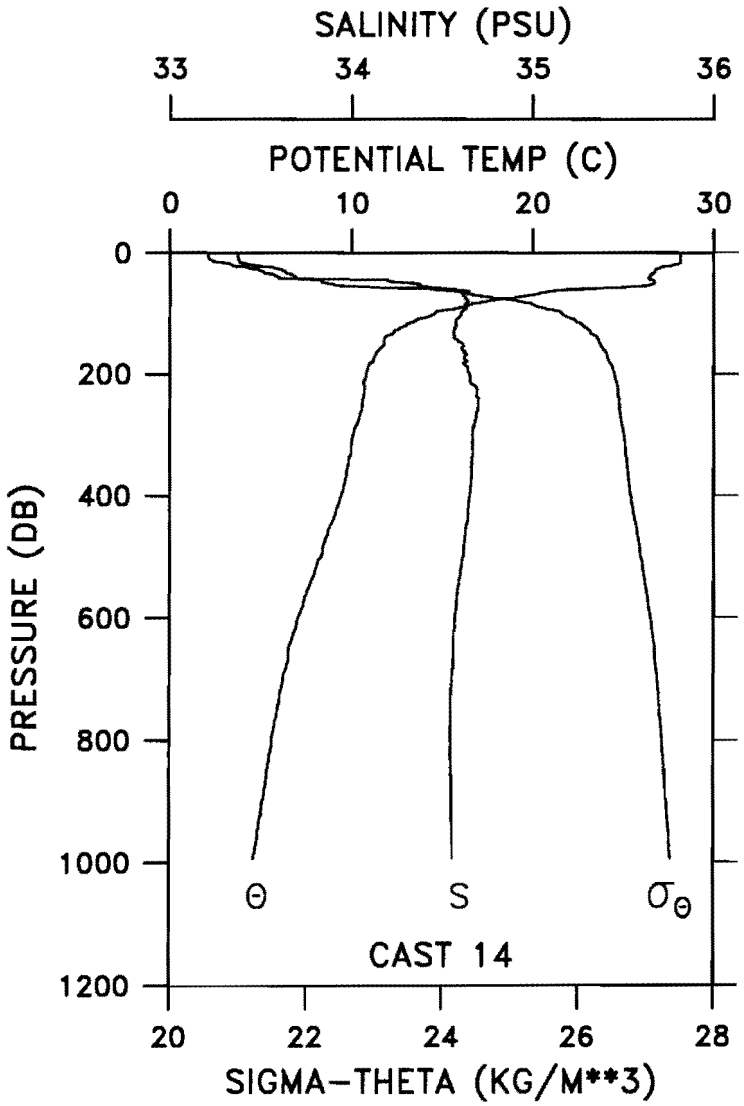
CAST EP2-94-MB -013 DATE 08 JUN 94 TIME 0924 GMT
LAT 04 00.1N LONG 110 00.8W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 162 T SPD 15 KT VISIBILITY 7
CLOUD 8 AMOUNT 3 DRY 26.2 WET 24.0 DEPTH 3840 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.197	33.765	21.404	0.000
10	28.198	33.767	21.405	0.064
20	28.198	33.769	21.407	0.128
30	28.197	33.770	21.408	0.192
40	26.990	34.395	22.267	0.254
50	21.084	34.605	24.172	0.301
60	17.355	34.706	25.204	0.334
70	15.524	34.820	25.718	0.358
80	14.732	34.902	25.956	0.380
90	14.606	34.912	25.991	0.401
100	14.301	34.909	26.054	0.421
110	13.939	34.911	26.132	0.440
120	13.800	34.908	26.159	0.459
130	13.651	34.904	26.187	0.478
140	13.540	34.901	26.207	0.496
150	13.407	34.894	26.229	0.515
160	13.309	34.889	26.245	0.533
170	13.117	34.878	26.275	0.551
180	12.979	34.871	26.298	0.569
190	12.929	34.870	26.307	0.586
200	12.830	34.863	26.321	0.604
250	12.077	34.799	26.419	0.689
300	11.538	34.769	26.497	0.771
350	10.805	34.726	26.597	0.849
400	9.836	34.681	26.731	0.922
450	8.640	34.639	26.892	0.988
500	8.105	34.624	26.963	1.048
550	7.732	34.606	27.005	1.106
600	7.278	34.592	27.059	1.162
650	6.880	34.575	27.101	1.216
700	6.604	34.569	27.133	1.268
750	6.231	34.559	27.175	1.319
800	6.002	34.558	27.203	1.368
900	5.304	34.551	27.284	1.461
990	4.789	34.558	27.349	1.539

CAST EP2-94-MB -014 DATE 09 JUN 94 TIME 0456 GMT

LAT 05 04.8N LONG 109 57.9W



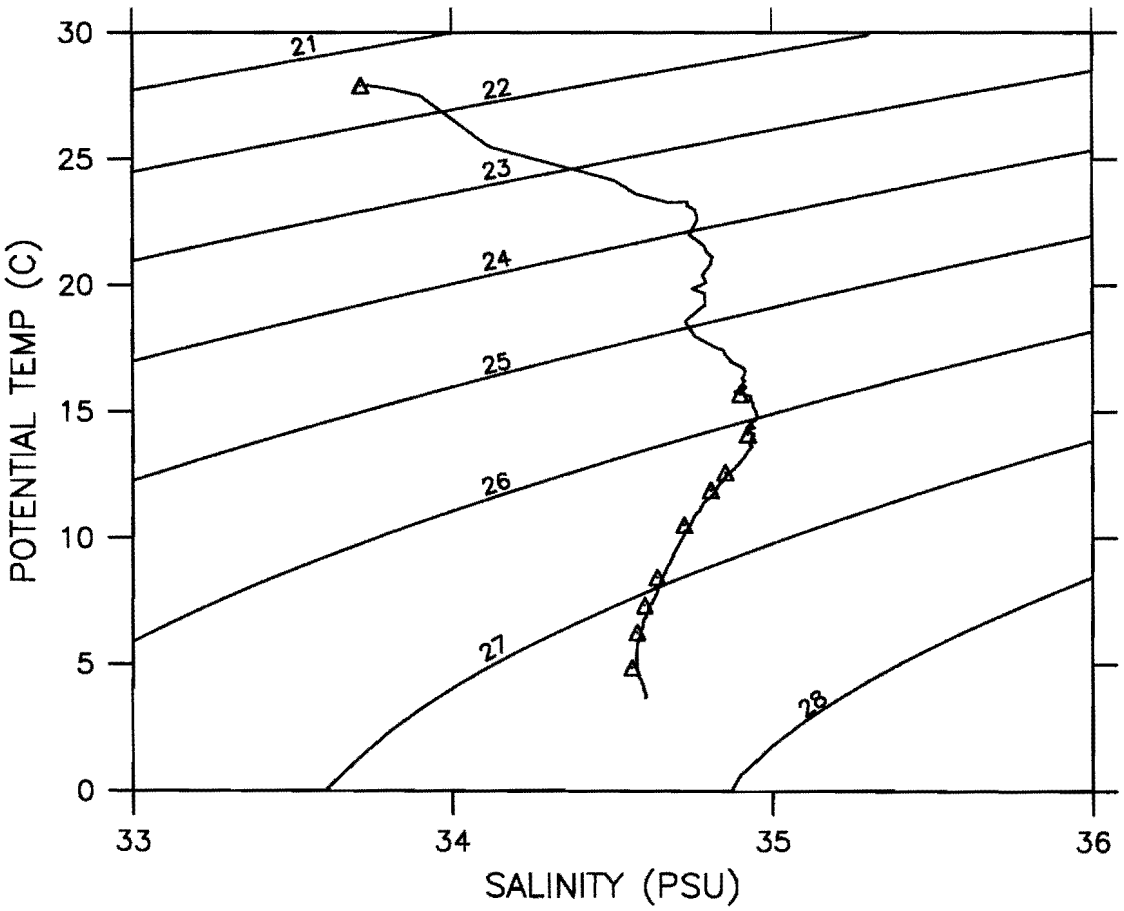


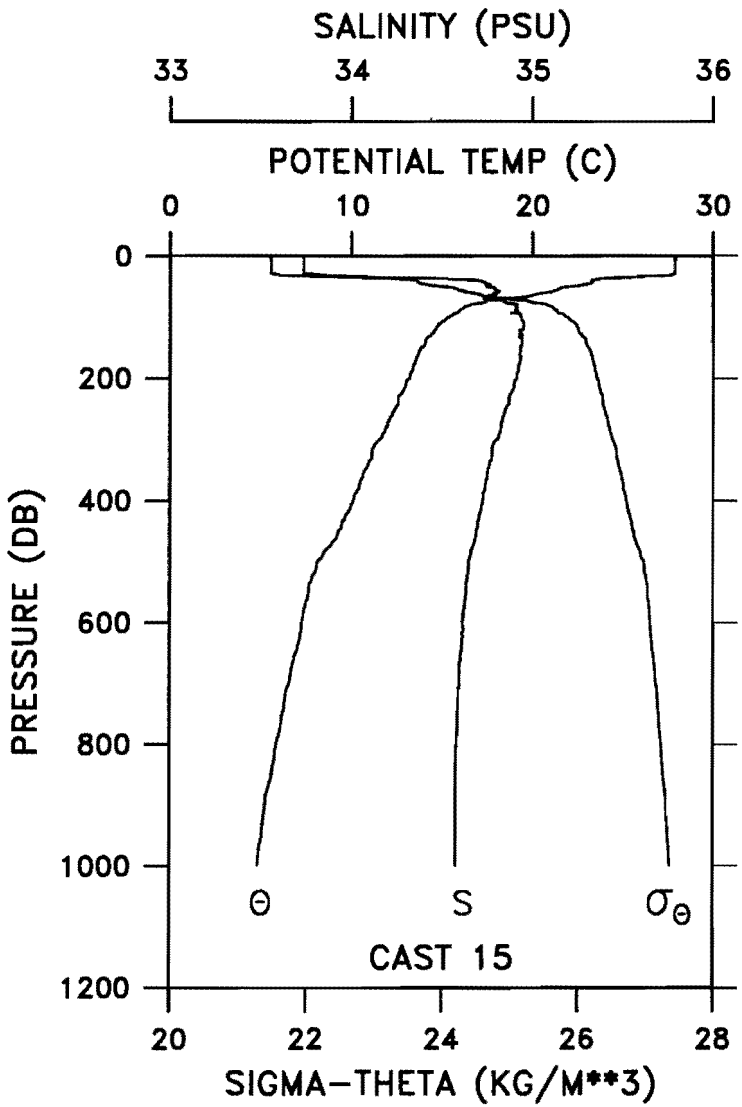
CAST EP2-94-MB -014 DATE 09 JUN 94 TIME 0456 GMT
LAT 05 04.8N LONG 109 57.9W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 169 T SPD 16 KT VISIBILITY 7
CLOUD 8 AMOUNT 1 DRY 26.9 WET 23.4 DEPTH 4073 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.160	33.213	21.002	0.000
10	28.167	33.214	21.000	0.068
20	27.775	33.341	21.223	0.135
30	26.757	33.504	21.671	0.198
40	26.446	33.599	21.840	0.259
50	26.740	34.317	22.288	0.316
60	22.237	34.573	23.829	0.367
70	19.795	34.614	24.523	0.404
80	17.413	34.644	25.143	0.435
90	16.018	34.629	25.459	0.462
100	14.541	34.605	25.768	0.485
110	13.628	34.579	25.940	0.507
120	13.002	34.580	26.067	0.527
130	12.354	34.564	26.183	0.546
140	11.814	34.566	26.288	0.565
150	11.790	34.614	26.330	0.582
160	11.522	34.609	26.376	0.599
170	11.275	34.625	26.434	0.615
180	11.143	34.630	26.462	0.632
190	10.920	34.641	26.511	0.647
200	10.810	34.651	26.538	0.663
250	10.593	34.698	26.613	0.738
300	10.099	34.667	26.676	0.811
350	9.819	34.665	26.721	0.881
400	9.428	34.652	26.777	0.949
450	8.812	34.633	26.861	1.015
500	8.338	34.616	26.921	1.077
550	7.663	34.590	27.002	1.136
600	7.060	34.572	27.073	1.192
650	6.552	34.562	27.135	1.244
700	6.239	34.554	27.170	1.295
750	5.925	34.549	27.206	1.344
800	5.636	34.547	27.241	1.391
900	5.094	34.554	27.311	1.481
993	4.632	34.561	27.369	1.559

CAST EP2-94-MB -015 DATE 12 JUN 94 TIME 1137 GMT

LAT 05 03.4N LONG 094 59.4W



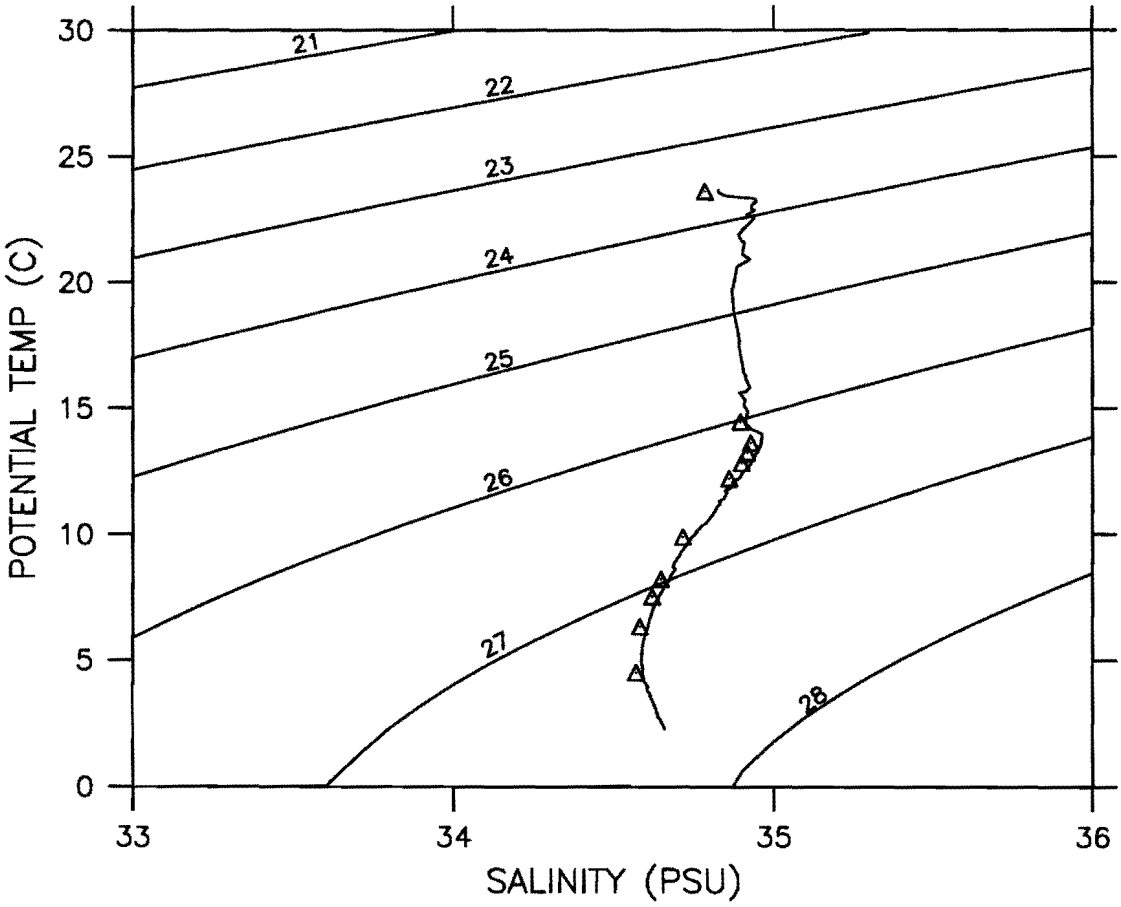


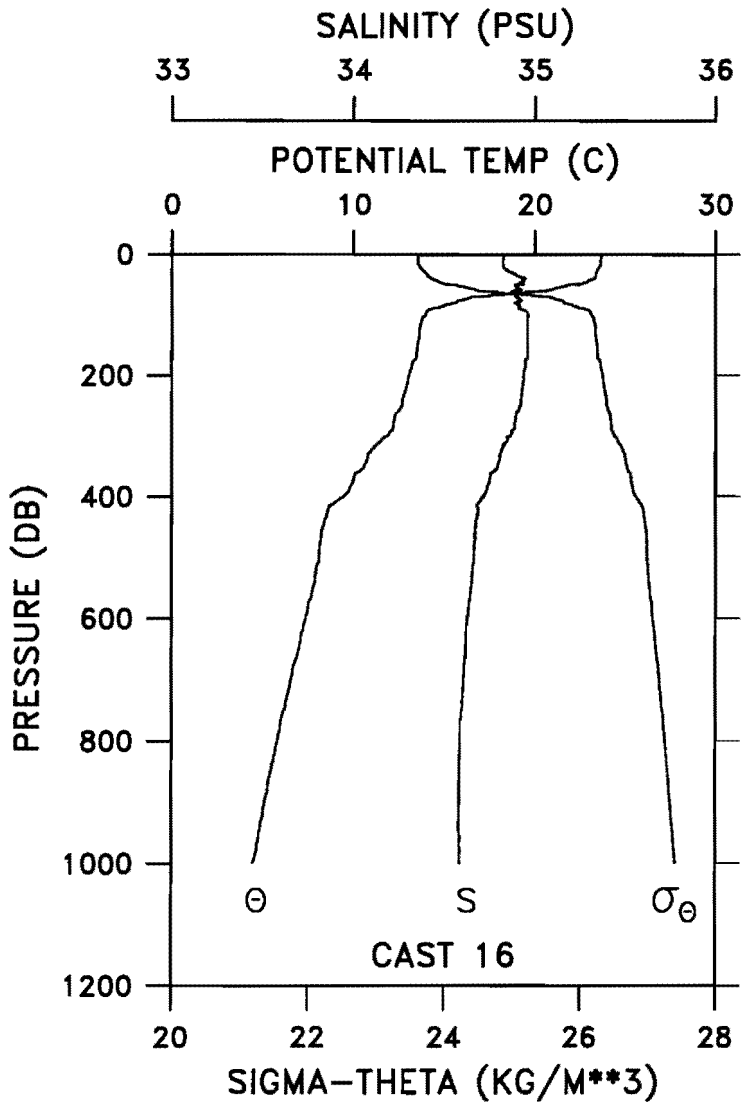
CAST EP2-94-MB -015 DATE 12 JUN 94 TIME 1137 GMT
LAT 05 03.4N LONG 094 59.4W WEATHER 8 SEA STATE 5
BAROMETER 10 WIND DIR 190 T SPD 18 KT VISIBILITY 6
CLOUD 1 AMOUNT 8 DRY 22.0 WET 25.0 DEPTH 3517 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.925	33.738	21.473	0.000
10	27.895	33.736	21.481	0.063
20	27.900	33.736	21.479	0.126
30	27.744	33.817	21.590	0.189
40	23.291	34.700	23.624	0.241
50	21.992	34.744	24.027	0.283
60	20.626	34.798	24.442	0.320
70	18.286	34.746	25.008	0.353
80	16.537	34.915	25.559	0.379
90	15.954	34.918	25.696	0.403
100	15.335	34.940	25.853	0.425
110	14.876	34.952	25.963	0.447
120	14.654	34.947	26.007	0.467
130	14.345	34.940	26.068	0.487
140	14.092	34.943	26.124	0.506
150	13.854	34.933	26.166	0.525
160	13.695	34.932	26.199	0.544
170	13.556	34.933	26.229	0.563
180	13.409	34.924	26.251	0.581
190	13.279	34.917	26.273	0.599
200	13.218	34.914	26.283	0.617
250	12.386	34.851	26.400	0.703
300	11.593	34.806	26.516	0.785
350	10.758	34.755	26.628	0.862
400	10.105	34.727	26.721	0.934
450	9.304	34.692	26.828	1.002
500	8.135	34.650	26.979	1.064
550	7.657	34.635	27.038	1.121
600	7.287	34.616	27.076	1.175
650	6.940	34.607	27.118	1.229
700	6.561	34.598	27.162	1.280
750	6.205	34.589	27.202	1.329
800	5.871	34.582	27.239	1.377
900	5.250	34.576	27.310	1.467
1000	4.813	34.579	27.363	1.552
1301	3.657	34.605	27.507	1.778

CAST EP2-94-MB -016 DATE 13 JUN 94 TIME 0711 GMT

LAT 02 00.8N LONG 095 00.3W



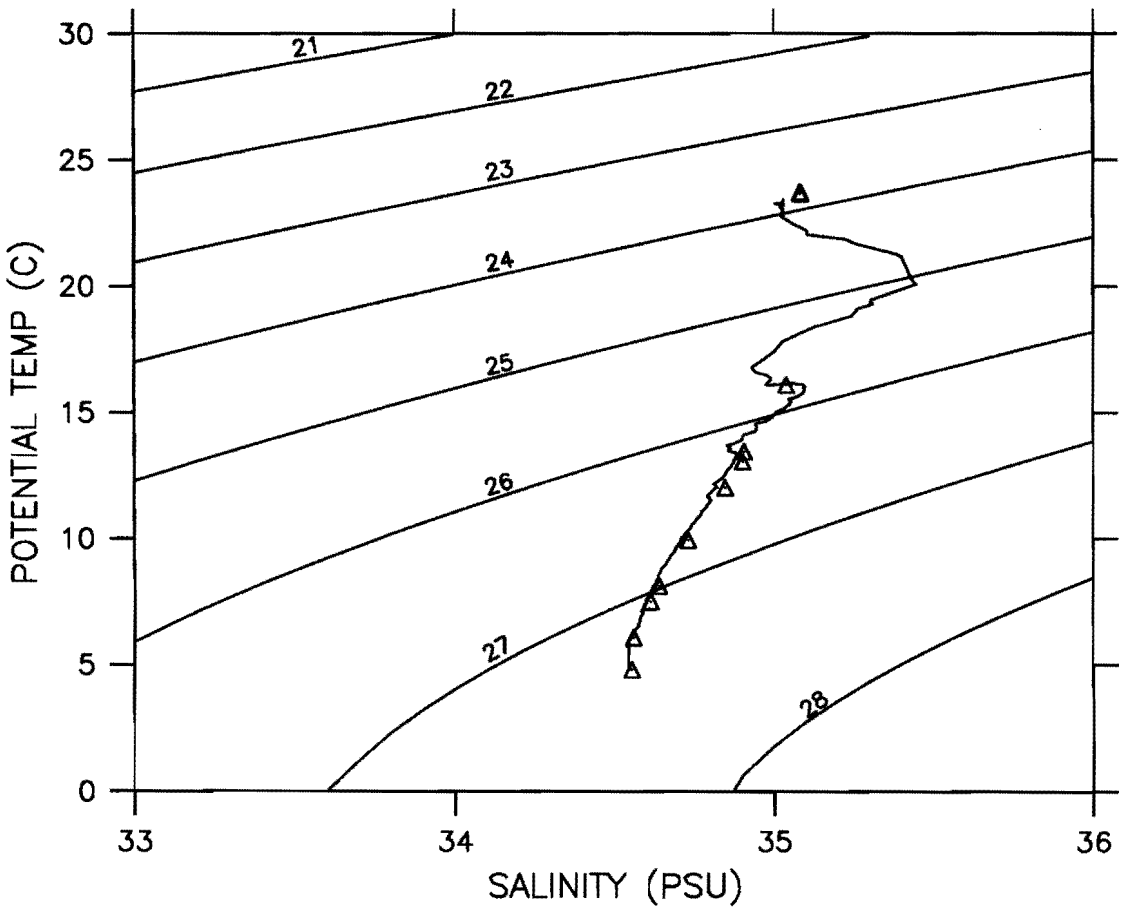


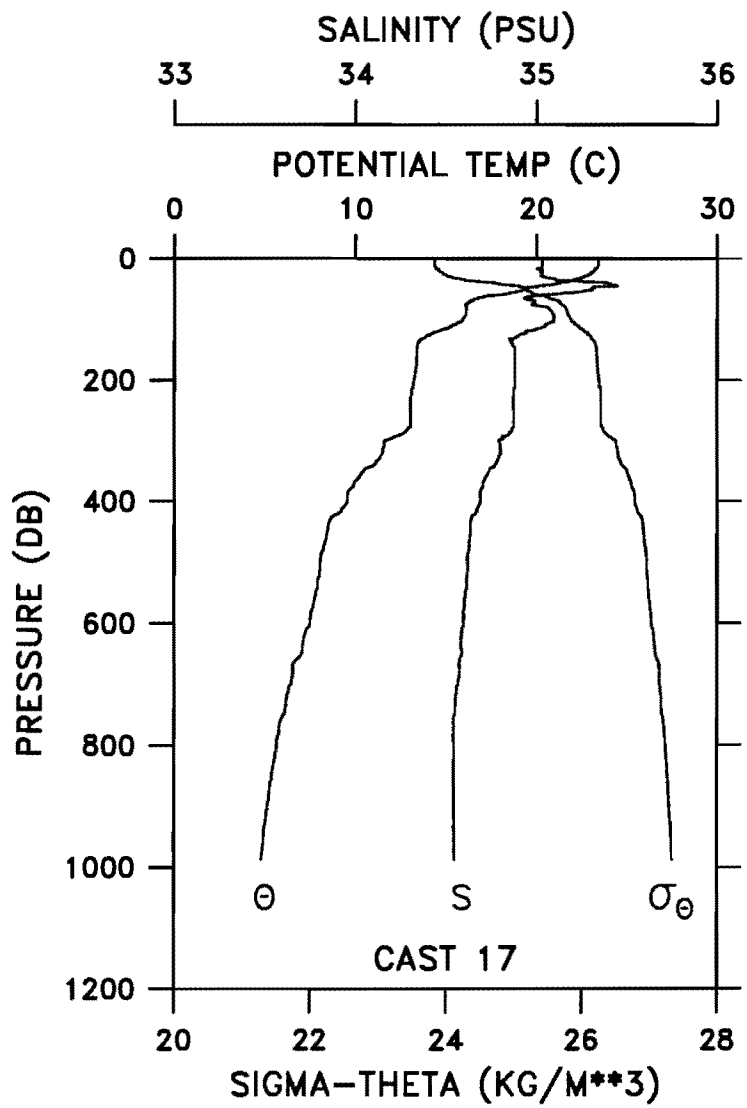
CAST EP2-94-MB -016 DATE 13 JUN 94 TIME 0711 GMT
LAT 02 00.8N LONG 095 00.3W WEATHER 2 SEA STATE 4
BAROMETER 12 WIND DIR 160 T SPD 13 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 23.8 WET 23.0 DEPTH 3105 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.656	34.828	23.614	0.000
10	23.642	34.826	23.616	0.043
20	23.568	34.828	23.640	0.085
30	23.395	34.876	23.727	0.128
40	23.264	34.944	23.817	0.169
50	21.902	34.890	24.163	0.209
60	20.607	34.884	24.513	0.245
70	16.502	34.905	25.560	0.274
80	15.608	34.891	25.754	0.298
90	14.313	34.919	26.059	0.319
100	13.951	34.965	26.171	0.338
110	13.759	34.962	26.209	0.356
120	13.657	34.961	26.229	0.374
130	13.636	34.961	26.234	0.392
140	13.598	34.961	26.242	0.411
150	13.529	34.958	26.254	0.429
160	13.508	34.958	26.258	0.447
170	13.478	34.958	26.264	0.465
180	13.247	34.948	26.303	0.482
190	13.157	34.944	26.318	0.500
200	13.065	34.939	26.334	0.517
250	12.693	34.922	26.394	0.603
300	11.855	34.865	26.513	0.685
350	10.583	34.797	26.693	0.759
400	9.455	34.719	26.824	0.827
450	8.323	34.675	26.970	0.887
500	8.107	34.667	26.997	0.945
550	7.771	34.650	27.033	1.002
600	7.358	34.630	27.078	1.057
650	6.986	34.619	27.121	1.110
700	6.526	34.608	27.175	1.160
750	6.151	34.599	27.217	1.209
800	5.799	34.592	27.256	1.256
900	5.107	34.585	27.334	1.344
1000	4.451	34.588	27.411	1.425
1500	2.942	34.633	27.597	1.762
1904	2.278	34.656	27.674	1.986

CAST EP2-94-MB -017 DATE 14 JUN 94 TIME 0620 GMT

LAT 00 00.5N LONG 094 54.5W





CAST EP2-94-MB -017 DATE 14 JUN 94 TIME 0620 GMT
LAT 00 00.5N LONG 094 54.5W WEATHER 2 SEA STATE 4
BAROMETER 12 WIND DIR 133 T SPD 12 KT VISIBILITY 7
CLOUD 8 AMOUNT 1 DRY 23.9 WET 23.0 DEPTH 3305 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.432	35.031	23.833	0.000
10	23.430	35.031	23.834	0.041
20	23.231	35.033	23.893	0.081
30	22.599	35.047	24.086	0.120
40	21.280	35.387	24.713	0.157
50	19.305	35.304	25.176	0.186
60	17.805	35.027	25.341	0.214
70	16.345	34.991	25.662	0.238
80	16.157	35.060	25.758	0.262
90	16.120	35.087	25.788	0.284
100	15.941	35.096	25.836	0.306
110	15.376	35.051	25.929	0.327
120	14.506	34.942	26.035	0.348
130	13.801	34.879	26.136	0.367
140	13.430	34.866	26.202	0.386
150	13.397	34.878	26.218	0.404
160	13.389	34.878	26.220	0.423
170	13.376	34.881	26.225	0.441
180	13.337	34.881	26.233	0.459
190	13.300	34.881	26.241	0.478
200	13.227	34.879	26.254	0.496
250	13.035	34.872	26.288	0.586
300	11.643	34.791	26.495	0.674
350	10.445	34.739	26.672	0.751
400	9.555	34.691	26.786	0.820
450	8.450	34.636	26.920	0.884
500	8.071	34.621	26.966	0.943
550	7.822	34.609	26.993	1.002
600	7.504	34.599	27.032	1.059
650	7.040	34.588	27.089	1.114
700	6.445	34.568	27.154	1.165
750	6.011	34.548	27.194	1.214
800	5.644	34.545	27.238	1.262
900	5.142	34.542	27.296	1.352
988	4.808	34.549	27.339	1.428

CAST EP2-94-MB -001 LAT 09 00.4N LONG 140 15.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.831	34.291	0.00	27.831	21.919
0.	27.858	34.291	0.00	27.858	21.910
93.	12.636	34.704	0.00	12.624	26.239
142.	11.406	34.730	0.00	11.388	26.495
191.	10.760	34.717	0.00	10.737	26.603
241.	10.332	34.702	0.00	10.303	26.667
292.	9.889	34.681	0.00	9.855	26.728
391.	8.768	34.610	0.00	8.726	26.857
490.	7.626	34.567	0.00	7.577	26.996
590.	6.620	34.537	0.00	6.565	27.113
739.	5.582	34.544	0.00	5.519	27.252
989.	4.548	34.558	0.00	4.469	27.385

CAST EP2-94-MB -002 LAT 05 01.7N LONG 139 59.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	28.580	34.410	0.00	28.580	21.763
0.	28.579	34.410	0.00	28.579	21.763
121.	19.983	34.723	0.00	19.961	24.562
143.	14.592	34.673	0.00	14.571	25.814
191.	11.482	34.683	0.00	11.458	26.445
242.	10.224	34.668	0.00	10.196	26.660
291.	9.771	34.671	0.00	9.738	26.740
390.	9.118	34.656	0.00	9.075	26.837
490.	8.240	34.633	0.00	8.189	26.957
589.	7.286	34.586	0.00	7.228	27.061
740.	6.007	34.557	0.00	5.941	27.210
989.	4.731	34.559	0.00	4.651	27.365

CAST EP2-94-MB -003 LAT 04 00.0N LONG 140 13.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	28.531	34.674	0.00	28.530	21.978
2.	28.536	34.674	0.00	28.536	21.976
93.	22.619	34.741	0.00	22.600	23.853
142.	12.381	34.732	0.00	12.362	26.312
192.	11.832	34.827	0.00	11.807	26.492
240.	11.427	34.798	0.00	11.397	26.546
291.	10.809	34.753	0.00	10.773	26.624
390.	9.764	34.687	0.00	9.719	26.755
489.	8.385	34.628	0.00	8.333	26.932
588.	7.270	34.587	0.00	7.213	27.064
739.	5.825	34.551	0.00	5.760	27.228
988.	4.599	34.558	0.00	4.520	27.379

CAST EP2-94-MB -004 LAT 01 58.2N LONG 140 01.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	28.142	34.735	0.00	28.142	22.151
0.	28.134	34.734	0.00	28.134	22.153
93.	20.484	34.621	0.00	20.467	24.350
142.	13.037	34.832	0.00	13.018	26.260
190.	12.340	34.858	0.00	12.315	26.419
241.	11.731	34.816	0.00	11.700	26.504
291.	11.250	34.793	0.00	11.214	26.576
391.	9.774	34.696	0.00	9.729	26.761
491.	8.076	34.625	0.00	8.025	26.976
590.	7.335	34.591	0.00	7.277	27.058
739.	5.761	34.569	0.00	5.696	27.250
994.	4.557	34.559	0.00	4.477	27.385

CAST EP2-94-MB -005 LAT 01 00.0N LONG 139 59.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.614	34.870	0.00	27.614	22.425
0.	27.618	34.871	0.00	27.618	22.424
91.	20.344	34.780	0.00	20.327	24.509
142.	14.235	34.691	0.00	14.214	25.904
192.	12.351	34.824	0.00	12.325	26.390
242.	12.035	34.845	0.00	12.003	26.469
390.	9.516	34.693	0.00	9.472	26.801
490.	8.305	34.636	0.00	8.254	26.950
590.	7.237	34.589	0.00	7.180	27.070
738.	5.965	34.551	0.00	5.899	27.211
988.	4.478	34.558	0.00	4.400	27.392

CAST EP2-94-MB -006 LAT 00 01.0N LONG 139 57.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
8.	26.839	35.065	0.00	26.837	22.821
7.	26.827	35.065	0.00	26.825	22.824
92.	23.766	35.377	0.00	23.747	24.004
143.	18.065	35.217	0.00	18.040	25.429
241.	12.692	34.882	0.00	12.659	26.370
490.	8.422	34.639	0.00	8.370	26.935
739.	5.916	34.543	0.00	5.851	27.211
988.	4.574	34.553	0.00	4.495	27.378
1987.	2.254	34.641	0.00	2.115	27.675
2987.	1.695	34.672	0.00	1.475	27.749

CAST EP2-94-MB -007 LAT 00 01.6N LONG 139 59.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
0.	27.203	35.053	0.00	27.203	22.695
0.	27.190	35.050	0.00	27.190	22.697
93.	22.410	35.079	0.00	22.391	24.169
142.	17.879	35.202	0.00	17.855	25.464
192.	13.172	34.924	0.00	13.145	26.305
241.	12.402	34.862	0.00	12.370	26.411
291.	12.281	34.864	0.00	12.242	26.437
390.	9.912	34.717	0.00	9.867	26.754
494.	8.479	34.657	0.00	8.427	26.940
492.	8.507	34.644	0.00	8.455	26.925

CAST EP2-94-MB -008 LAT 04 58.5S LONG 124 53.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	27.740	34.972	0.00	27.739	22.461
1.	27.741	34.972	0.00	27.741	22.460
82.	24.137	35.832	0.00	24.120	24.238
143.	14.257	35.047	0.00	14.236	26.174
192.	11.976	34.879	0.00	11.951	26.505
242.	11.031	34.814	0.00	11.001	26.631
291.	10.485	34.780	0.00	10.450	26.703
390.	8.903	34.681	0.00	8.861	26.891
490.	7.734	34.626	0.00	7.685	27.027
590.	6.797	34.576	0.00	6.741	27.120
739.	5.761	34.549	0.00	5.696	27.235
990.	4.433	34.553	0.00	4.355	27.393

CAST EP2-94-MB -009 LAT 00 00.2N LONG 110 01.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	25.106	35.030	0.00	25.105	23.334
3.	25.113	35.028	0.00	25.112	23.330
9.	25.089	35.029	0.00	25.087	23.339
98.	15.126	35.023	0.00	15.111	25.966
142.	13.378	34.914	0.00	13.358	26.254
241.	12.567	34.879	0.00	12.535	26.392
291.	12.182	34.856	0.00	12.144	26.450
391.	9.626	34.707	0.00	9.581	26.794
490.	8.234	34.652	0.00	8.183	26.973
590.	7.332	34.600	0.00	7.274	27.066
739.	6.056	34.559	0.00	5.990	27.206
987.	4.856	34.551	0.00	4.775	27.345

CAST EP2-94-MB -010 LAT 01 00.1N LONG 110 01.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	25.381	34.850	0.00	25.380	23.114
3.	25.382	34.850	0.00	25.381	23.113
92.	14.625	34.759	0.00	14.611	25.871
141.	13.704	34.835	0.00	13.684	26.126
190.	13.061	34.901	0.00	13.035	26.310
241.	12.624	34.894	0.00	12.591	26.393
291.	12.303	34.859	0.00	12.264	26.429
389.	10.287	34.744	0.00	10.241	26.711
489.	8.178	34.635	0.00	8.127	26.968
589.	7.393	34.599	0.00	7.335	27.056
740.	5.757	34.553	0.00	5.692	27.238
990.	4.670	34.553	0.00	4.590	27.367

CAST EP2-94-MB -011 LAT 02 03.7N LONG 110 07.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	27.231	34.085	0.00	27.231	21.957
2.	27.235	34.085	0.00	27.235	21.956
92.	15.485	34.937	0.00	15.471	25.820
140.	14.021	34.938	0.00	14.001	26.140
191.	13.076	34.894	0.00	13.050	26.301
241.	11.991	34.825	0.00	11.960	26.461
291.	11.058	34.767	0.00	11.022	26.591
390.	9.246	34.685	0.00	9.203	26.839
489.	8.311	34.637	0.00	8.260	26.950
590.	7.472	34.596	0.00	7.413	27.043
736.	6.199	34.565	0.00	6.132	27.192
989.	4.535	34.555	0.00	4.456	27.384

CAST EP2-94-MB -012 LAT 03 00.2N LONG 110 03.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	27.534	34.218	0.00	27.533	21.960
4.	27.534	34.216	0.00	27.533	21.959
92.	15.320	34.943	0.00	15.306	25.861
142.	14.097	34.943	0.00	14.076	26.128
191.	13.382	34.918	0.00	13.355	26.258
242.	12.631	34.880	0.00	12.598	26.380
390.	9.699	34.687	0.00	9.654	26.766
489.	8.225	34.658	0.00	8.174	26.979
590.	7.310	34.589	0.00	7.252	27.060
738.	6.322	34.562	0.00	6.254	27.174
988.	4.836	34.560	0.00	4.755	27.355

CAST EP2-94-MB -013 LAT 04 00.1N LONG 110 00.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	28.266	33.819	0.00	28.266	21.422
0.	28.238	33.819	0.00	28.238	21.431
93.	14.525	34.950	0.00	14.511	26.040
141.	13.444	34.931	0.00	13.424	26.254
191.	12.888	34.895	0.00	12.862	26.340
241.	12.153	34.830	0.00	12.121	26.434
291.	11.613	34.793	0.00	11.576	26.509
389.	9.927	34.698	0.00	9.882	26.737
490.	8.241	34.637	0.00	8.190	26.960
590.	7.357	34.600	0.00	7.299	27.062
738.	6.369	34.569	0.00	6.301	27.173
988.	4.869	34.562	0.00	4.788	27.352

CAST EP2-94-MB -014 LAT 05 04.8N LONG 109 57.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
8.	28.108	33.305	0.00	28.106	21.088
7.	28.110	33.305	0.00	28.108	21.088
8.	28.115	33.305	0.00	28.113	21.086
82.	18.697	34.679	0.00	18.683	24.857
142.	11.808	34.623	0.00	11.790	26.337
241.	10.728	34.729	0.00	10.699	26.619
292.	9.910	34.708	0.00	9.876	26.745
390.	9.609	34.681	0.00	9.565	26.777
491.	8.410	34.639	0.00	8.358	26.936
591.	7.213	34.600	0.00	7.155	27.082
740.	5.992	34.560	0.00	5.926	27.215
986.	4.728	34.565	0.00	4.648	27.371

CAST EP2-94-MB -015 LAT 05 03.4N LONG 094 59.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	27.891	33.715	0.00	27.890	21.467
7.	27.896	33.714	0.00	27.894	21.464
13.	27.894	33.715	0.00	27.891	21.466
97.	15.707	34.901	0.00	15.692	25.742
142.	14.118	34.924	0.00	14.097	26.109
242.	12.624	34.854	0.00	12.591	26.362
292.	11.924	34.809	0.00	11.886	26.463
376.	10.554	34.727	0.00	10.509	26.651
489.	8.493	34.642	0.00	8.441	26.926
589.	7.387	34.603	0.00	7.329	27.060
739.	6.327	34.579	0.00	6.259	27.187
988.	4.939	34.563	0.00	4.857	27.345

CAST EP2-94-MB -016 LAT 02 00.8N LONG 095 00.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
7.	23.607	34.784	0.00	23.606	23.596
7.	23.609	34.784	0.00	23.608	23.595
93.	14.469	34.895	0.00	14.455	26.010
142.	13.622	34.928	0.00	13.602	26.215
192.	13.253	34.917	0.00	13.226	26.284
241.	12.845	34.899	0.00	12.812	26.353
291.	12.240	34.860	0.00	12.201	26.442
391.	9.932	34.714	0.00	9.887	26.748
489.	8.254	34.645	0.00	8.203	26.965
589.	7.585	34.618	0.00	7.526	27.044
739.	6.400	34.580	0.00	6.332	27.178
987.	4.597	34.568	0.00	4.518	27.387

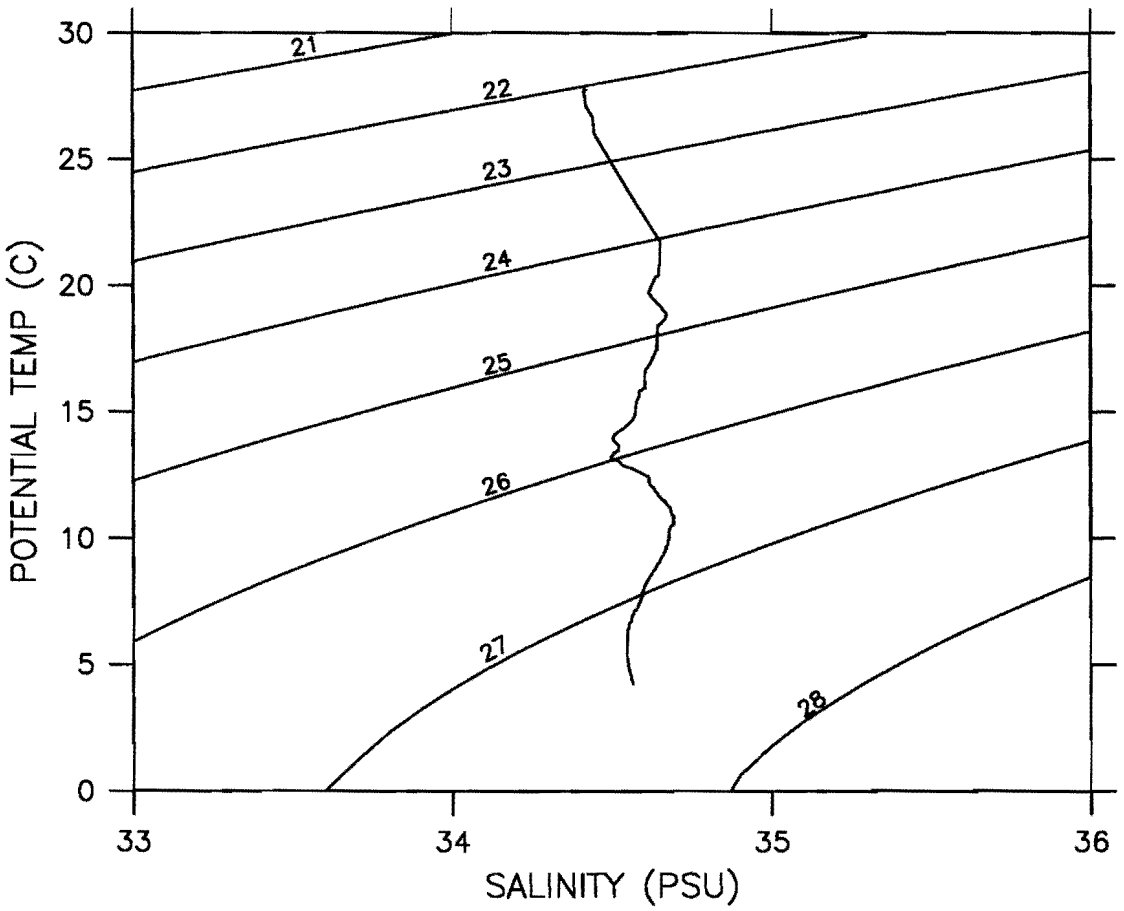
CAST EP2-94-MB -017 LAT 00 00.5N LONG 094 54.5W

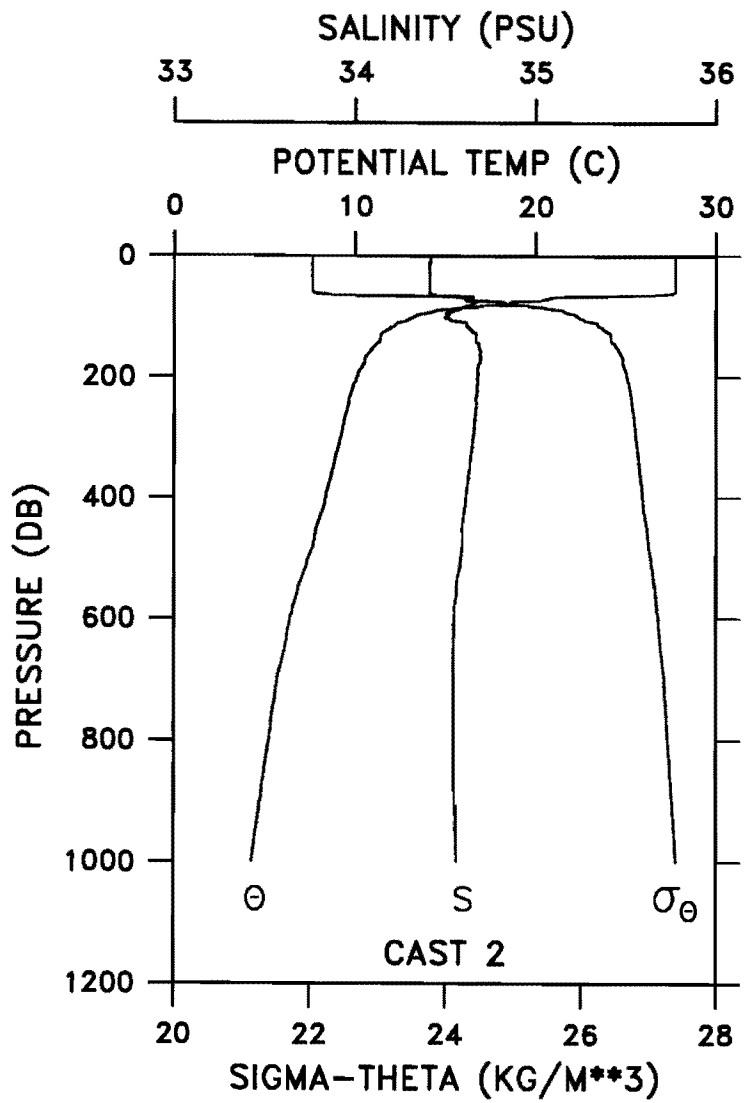
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	23.743	35.084	0.00	23.742	23.783
3.	23.740	35.084	0.00	23.739	23.784
7.	23.658	35.084	0.00	23.657	23.808
82.	16.098	35.039	0.00	16.085	25.759
142.	13.463	34.905	0.00	13.443	26.230
241.	13.065	34.901	0.00	13.032	26.310
291.	12.039	34.846	0.00	12.001	26.470
376.	9.976	34.730	0.00	9.932	26.753
489.	8.161	34.639	0.00	8.110	26.974
590.	7.561	34.613	0.00	7.502	27.043
739.	6.144	34.559	0.00	6.077	27.195
988.	4.888	34.554	0.00	4.807	27.344

TG1-94-DI
May 17-June 19, 1994
CTD and Hydrographic Data Summary

CAST TG1-94-DI -002 DATE 19 MAY 94 TIME 1558 GMT

LAT 07 59.9N LONG 155 00.1W



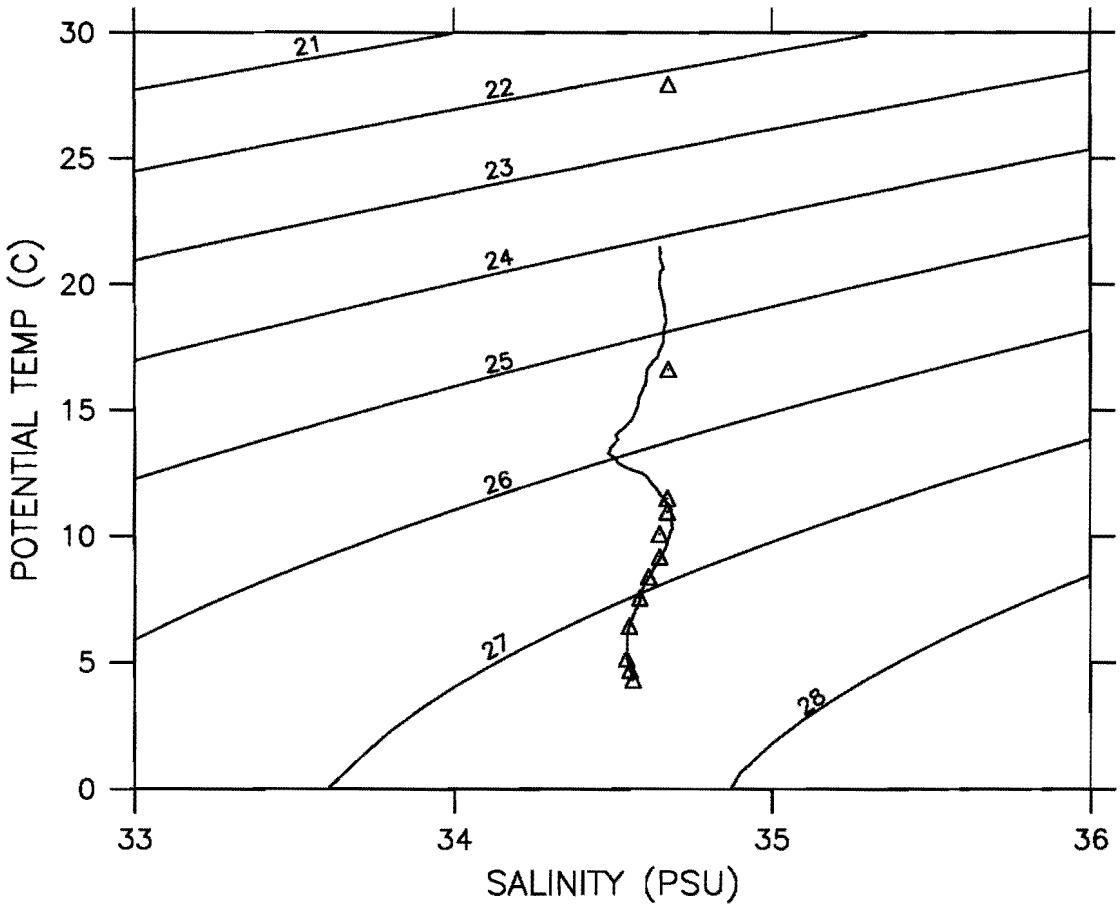


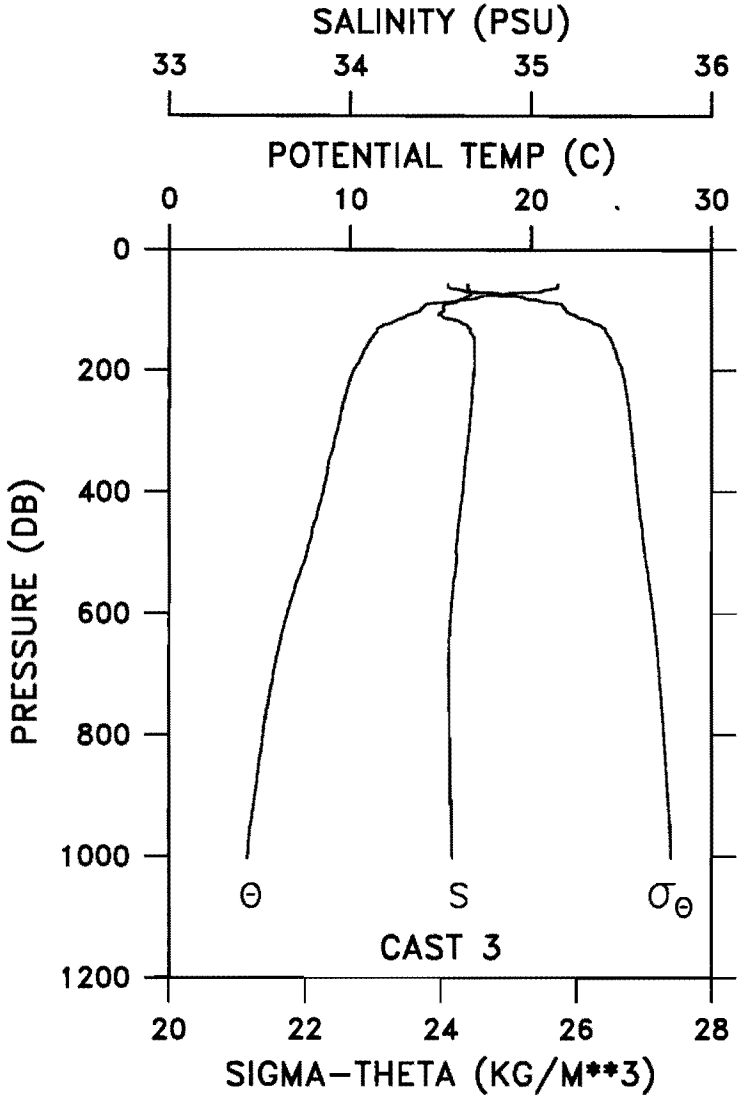
CAST TG1-94-DI -002 DATE 19 MAY 94 TIME 1558 GMT
LAT 07 59.9N LONG 155 00.1W WEATHER SEA STATE
BAROMETER WIND DIR T SPD KT VISIBILITY
CLOUD AMOUNT DRY WET DEPTH 5148 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.750	34.418	22.041	0.000
10	27.747	34.415	22.039	0.058
20	27.746	34.411	22.037	0.116
30	27.749	34.412	22.036	0.173
40	27.748	34.413	22.037	0.231
50	27.740	34.413	22.040	0.289
60	27.699	34.413	22.053	0.347
70	20.787	34.648	24.285	0.396
80	18.437	34.643	24.892	0.429
90	14.542	34.553	25.728	0.455
100	13.322	34.504	25.944	0.477
110	12.404	34.616	26.214	0.497
120	11.913	34.633	26.321	0.514
130	11.420	34.669	26.441	0.531
140	11.378	34.668	26.448	0.547
150	11.048	34.684	26.521	0.563
160	10.766	34.692	26.578	0.578
170	10.545	34.693	26.618	0.593
180	10.436	34.682	26.628	0.607
190	10.226	34.677	26.661	0.621
200	10.116	34.679	26.682	0.635
250	9.594	34.670	26.763	0.703
300	9.210	34.654	26.813	0.768
350	8.789	34.635	26.866	0.832
400	8.388	34.614	26.912	0.893
450	7.856	34.593	26.976	0.952
500	7.421	34.585	27.032	1.009
550	6.834	34.561	27.096	1.063
600	6.393	34.549	27.145	1.114
650	6.111	34.546	27.180	1.164
700	5.695	34.544	27.231	1.211
750	5.450	34.545	27.262	1.257
800	5.241	34.547	27.288	1.301
900	4.761	34.553	27.348	1.386
1000	4.302	34.563	27.407	1.466
1018	4.236	34.564	27.415	1.480

CAST TG1-94-DI -003 DATE 20 MAY 94 TIME 0217 GMT

LAT 07 57.5N LONG 155 01.2W



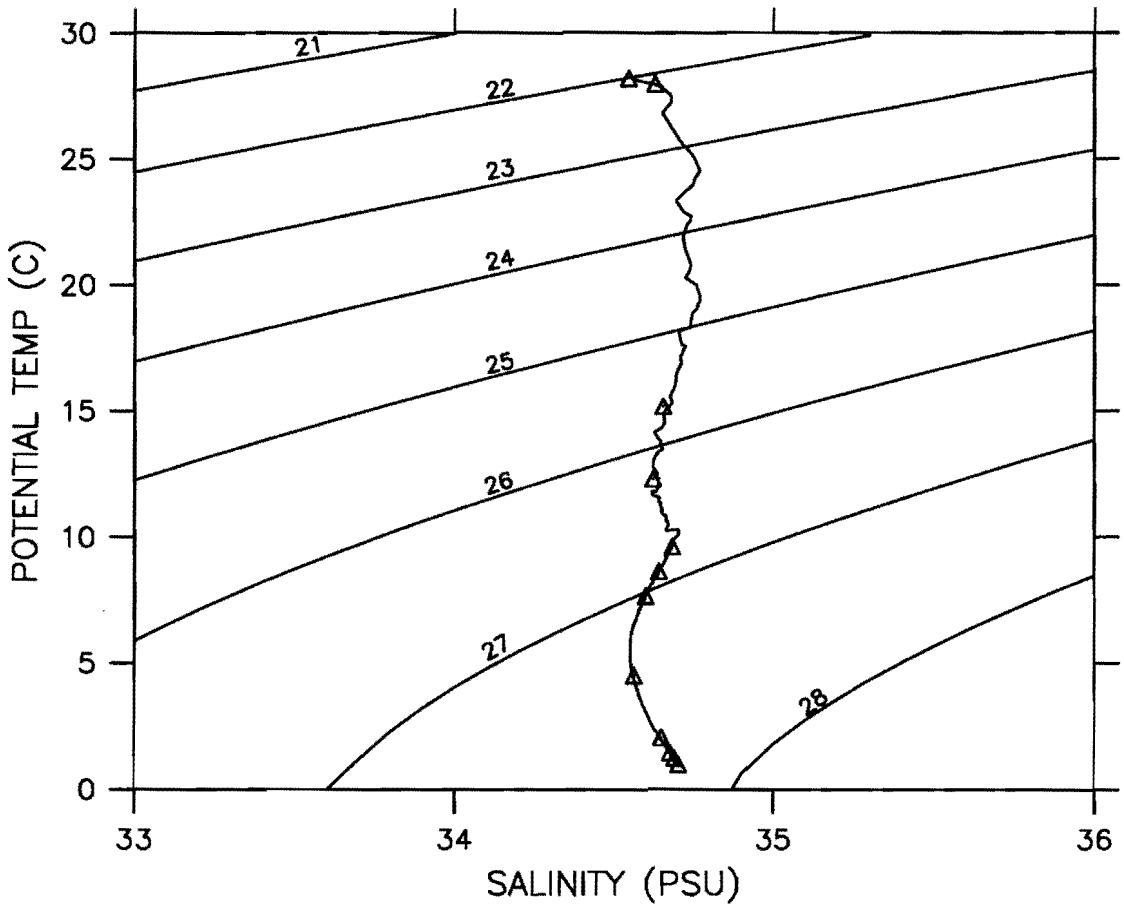


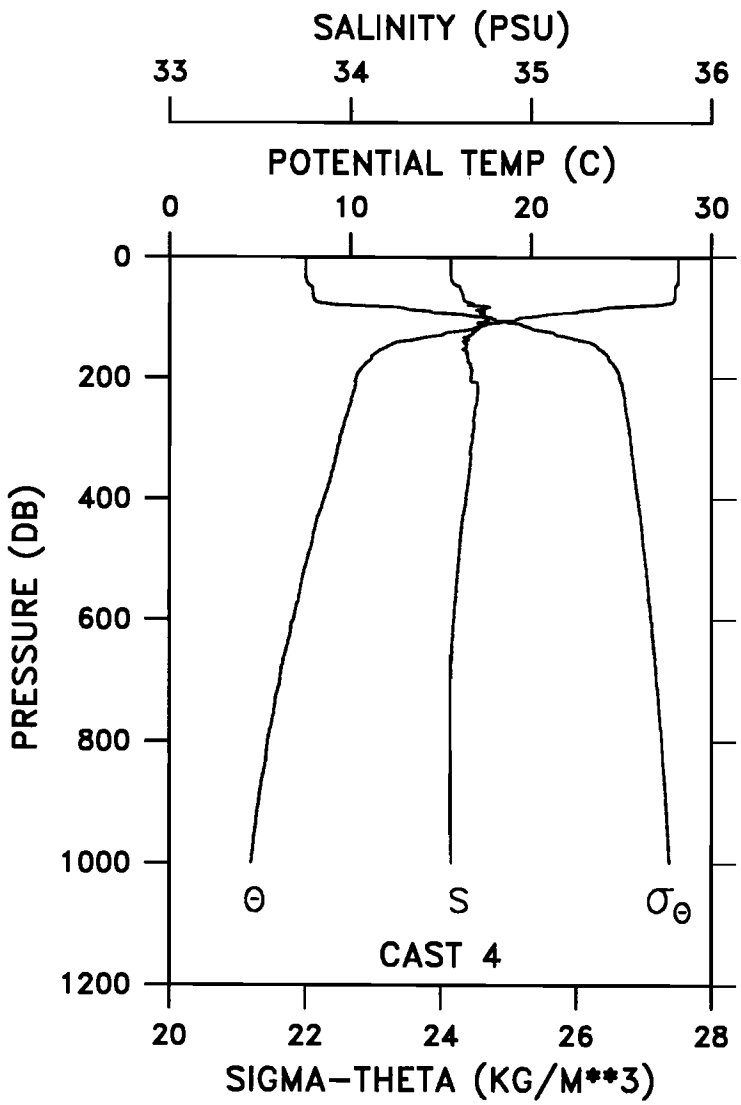
CAST TG1-94-DI -003 DATE 20 MAY 94 TIME 0217 GMT
LAT 07 57.5N LONG 155 01.2W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 060 T SPD 14 KT VISIBILITY 7
CLOUD 8 AMOUNT 3 DRY 28.5 WET 24.3 DEPTH 5176 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
57	21.468	34.648	24.099	0.000
58	21.464	34.649	24.101	0.004
59	21.459	34.649	24.103	0.008
60	21.455	34.649	24.104	0.011
61	21.450	34.648	24.105	0.015
62	21.438	34.647	24.107	0.019
63	21.405	34.648	24.116	0.023
70	20.039	34.646	24.483	0.049
80	16.952	34.627	25.240	0.079
90	14.176	34.521	25.781	0.103
100	13.871	34.516	25.840	0.126
110	13.072	34.506	25.996	0.147
120	12.305	34.611	26.229	0.166
130	11.521	34.661	26.416	0.183
140	11.325	34.670	26.460	0.199
150	11.088	34.683	26.514	0.215
160	10.911	34.685	26.547	0.230
170	10.713	34.686	26.583	0.245
180	10.564	34.685	26.608	0.260
190	10.369	34.688	26.645	0.275
200	10.180	34.681	26.672	0.289
250	9.660	34.670	26.752	0.357
300	9.257	34.655	26.807	0.423
350	8.795	34.633	26.864	0.486
400	8.495	34.620	26.901	0.548
450	8.019	34.597	26.955	0.608
500	7.575	34.581	27.008	0.666
550	7.000	34.567	27.078	0.721
600	6.497	34.554	27.136	0.773
650	6.085	34.546	27.183	0.822
700	5.716	34.544	27.228	0.870
750	5.447	34.545	27.262	0.915
800	5.172	34.546	27.296	0.960
900	4.734	34.553	27.351	1.044
1000	4.331	34.561	27.402	1.123
1003	4.319	34.562	27.404	1.126

CAST TG1-94-DI -004 DATE 20 MAY 94 TIME 1643 GMT

LAT 05 01.2N LONG 154 55.7W



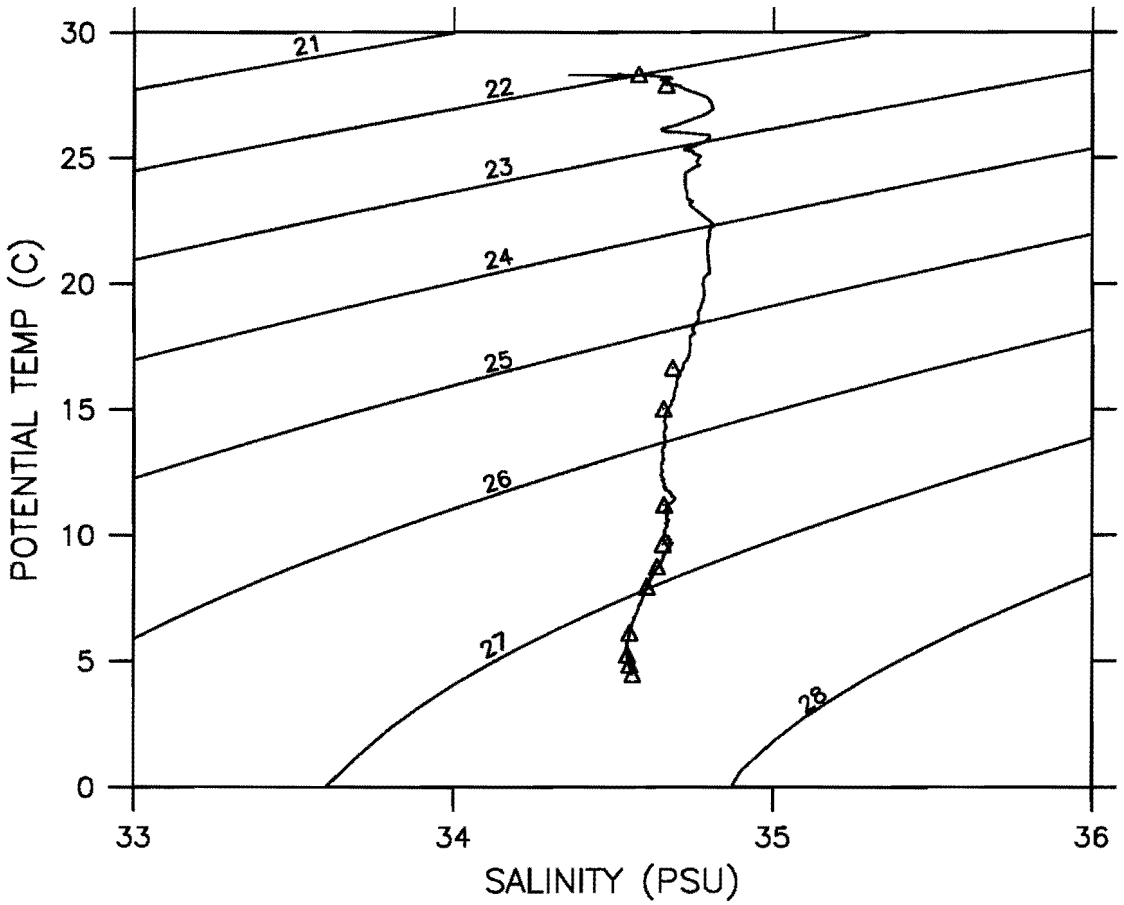


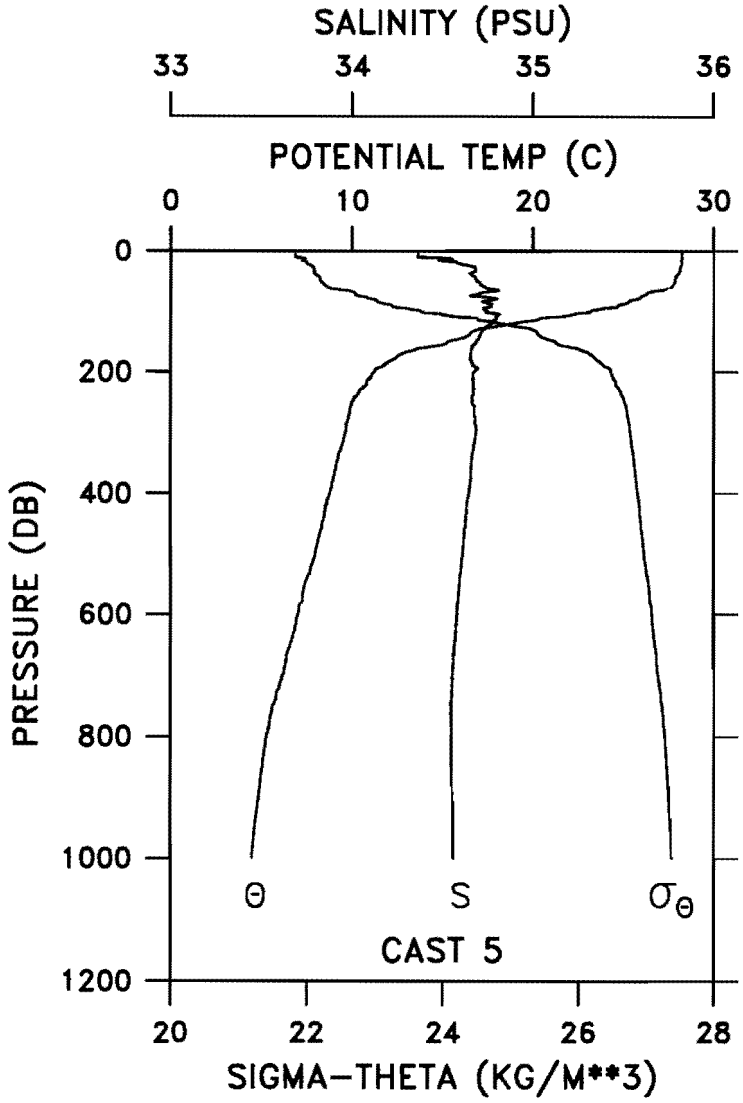
CAST TG1-94-DI -004 DATE 20 MAY 94 TIME 1643 GMT
LAT 05 01.2N LONG 154 55.7W WEATHER 1 SEA STATE 5
BAROMETER 10 WIND DIR 045 T SPD 07 KT VISIBILITY 8
CLOUD 6 AMOUNT 4 DRY 27.5 WET 25.3 DEPTH 4546 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.183	34.556	22.003	0.000
10	28.175	34.554	22.004	0.058
20	28.179	34.554	22.003	0.116
30	28.176	34.555	22.005	0.174
40	28.143	34.563	22.021	0.233
50	27.995	34.604	22.101	0.290
60	28.002	34.620	22.110	0.348
70	27.939	34.629	22.138	0.405
80	25.718	34.707	22.902	0.461
90	22.585	34.741	23.857	0.505
100	19.352	34.769	24.756	0.541
110	17.566	34.726	25.169	0.572
120	16.449	34.695	25.411	0.599
130	14.559	34.659	25.806	0.623
140	12.514	34.638	26.209	0.644
150	11.915	34.636	26.323	0.661
160	11.330	34.647	26.441	0.678
170	11.105	34.650	26.485	0.694
180	10.742	34.663	26.560	0.709
190	10.458	34.670	26.616	0.724
200	10.315	34.663	26.635	0.739
250	9.909	34.689	26.725	0.808
300	9.409	34.675	26.797	0.875
350	9.030	34.659	26.847	0.940
400	8.531	34.639	26.910	1.002
450	7.999	34.612	26.970	1.061
500	7.606	34.599	27.017	1.118
550	7.211	34.584	27.062	1.173
600	6.847	34.571	27.102	1.227
650	6.417	34.560	27.151	1.278
700	6.090	34.553	27.189	1.327
750	5.765	34.553	27.229	1.375
800	5.420	34.551	27.270	1.420
900	4.931	34.553	27.329	1.508
1000	4.507	34.559	27.381	1.590
1500	2.898	34.606	27.580	1.935
2000	2.063	34.643	27.681	2.211
2500	1.673	34.665	27.729	2.453
3000	1.490	34.673	27.749	2.687
3500	1.251	34.685	27.775	2.912
4000	1.065	34.694	27.795	3.128
4500	1.004	34.697	27.802	3.343
4617	0.996	34.698	27.803	3.394

CAST TG1-94-DI -005 DATE 21 MAY 94 TIME 0412 GMT

LAT 04 00.7N LONG 154 59.4W



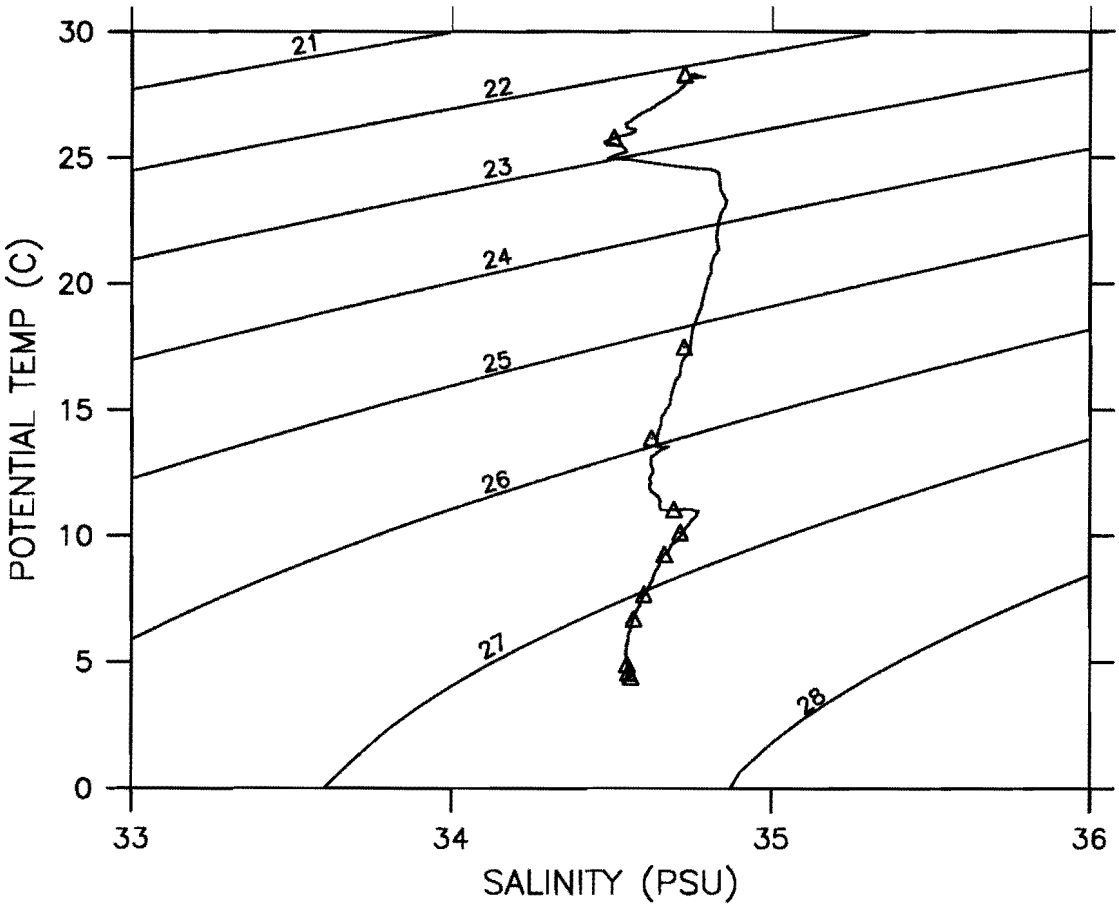


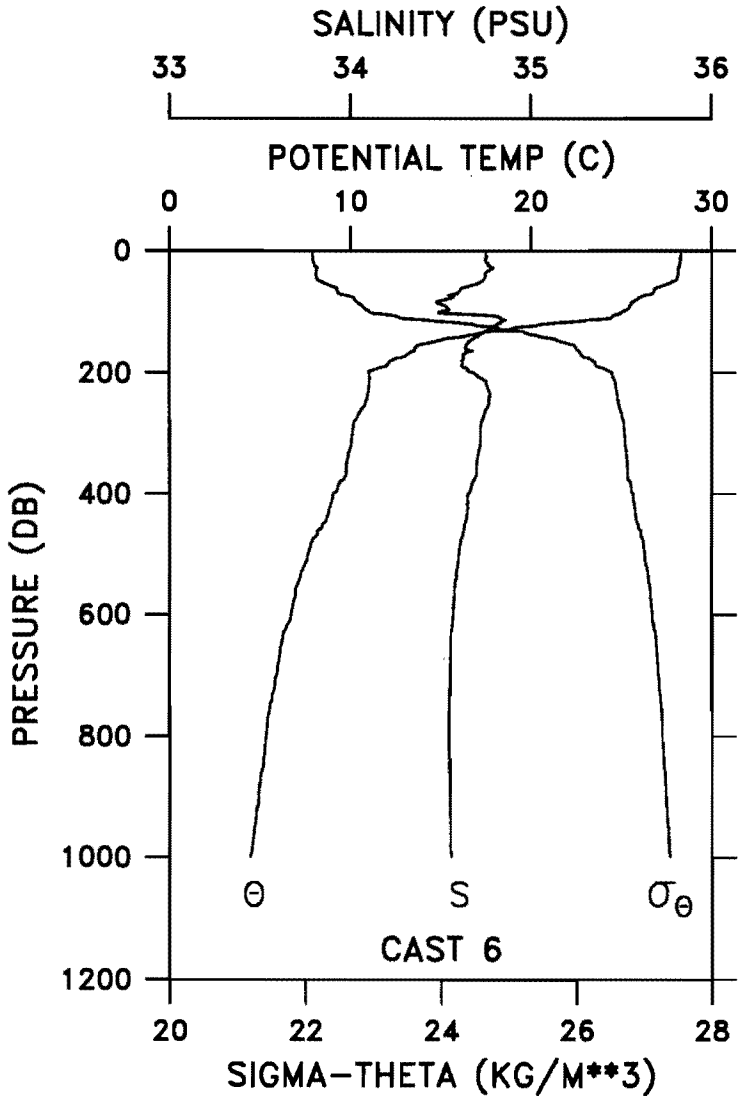
CAST TG1-94-DI -005 DATE 21 MAY 94 TIME 0412 GMT
LAT 04 00.7N LONG 154 59.4W WEATHER 1 SEA STATE 5
BAROMETER 09 WIND DIR 320 T SPD 03 KT VISIBILITY 8
CLOUD 8 AMOUNT 7 DRY 27.5 WET 25.0 DEPTH 0986 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.276	34.366	21.830	0.000
10	28.273	34.363	21.829	0.060
20	28.267	34.588	21.999	0.118
30	28.168	34.683	22.104	0.176
40	27.999	34.661	22.142	0.233
50	27.877	34.694	22.207	0.290
60	27.656	34.738	22.311	0.346
70	26.317	34.701	22.711	0.399
80	25.612	34.784	22.992	0.450
90	24.705	34.770	23.258	0.498
100	23.174	34.739	23.687	0.542
110	20.780	34.799	24.402	0.581
120	18.891	34.766	24.871	0.615
130	16.878	34.724	25.332	0.643
140	16.375	34.709	25.438	0.670
150	15.285	34.683	25.665	0.694
160	13.826	34.662	25.963	0.717
170	12.776	34.653	26.170	0.737
180	12.234	34.661	26.281	0.755
190	11.757	34.674	26.382	0.772
200	11.209	34.673	26.483	0.788
250	10.004	34.663	26.688	0.863
300	9.627	34.684	26.768	0.931
350	9.157	34.660	26.827	0.997
400	8.783	34.646	26.876	1.060
450	8.341	34.625	26.928	1.122
500	7.969	34.610	26.973	1.181
550	7.412	34.593	27.040	1.238
600	6.997	34.579	27.088	1.292
650	6.568	34.566	27.136	1.344
700	6.167	34.555	27.180	1.394
750	5.612	34.546	27.243	1.442
800	5.268	34.546	27.284	1.487
900	4.845	34.554	27.339	1.573
1000	4.464	34.561	27.387	1.654
1001	4.460	34.561	27.388	1.655

CAST TG1-94-DI -006 DATE 21 MAY 94 TIME 0950 GMT

LAT 03 00.1N LONG 154 59.8W



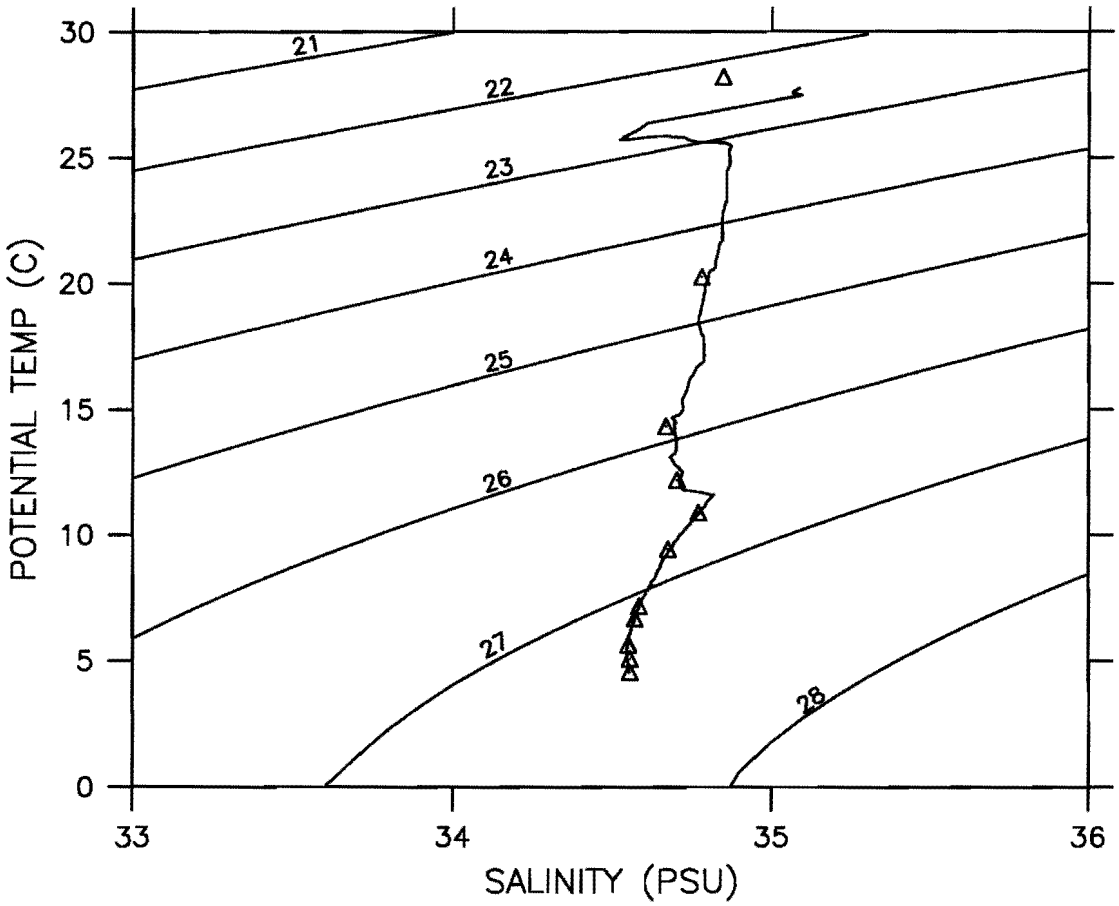


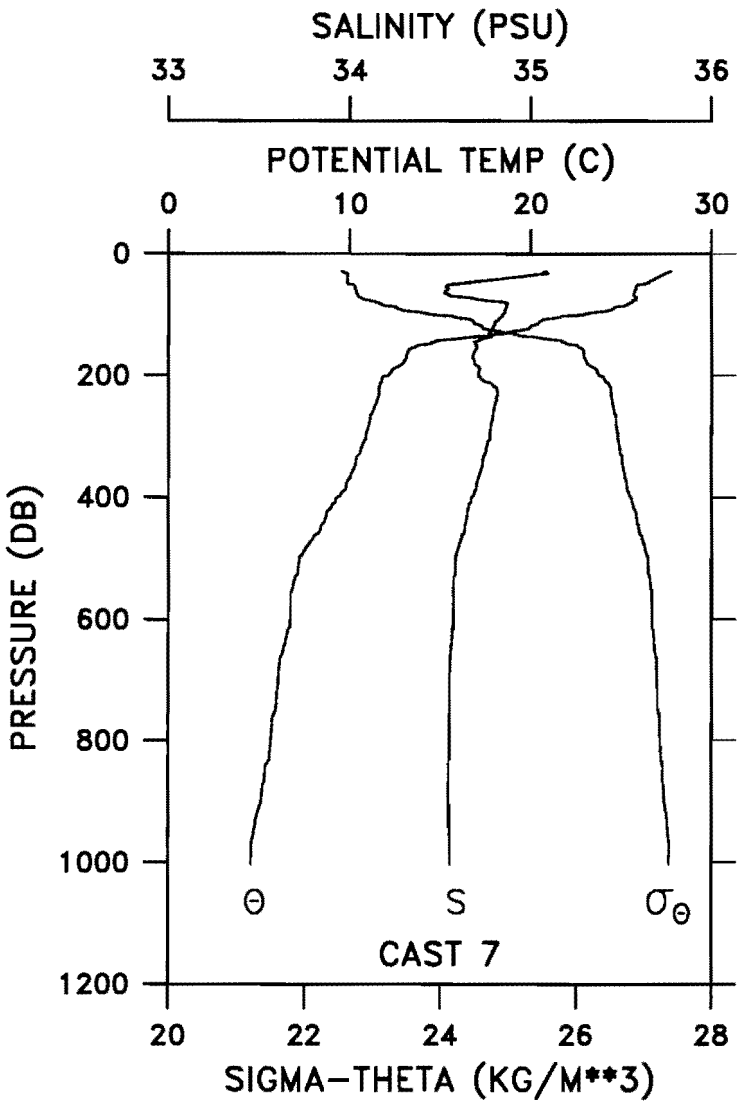
CAST TG1-94-DI -006 DATE 21 MAY 94 TIME 0950 GMT
LAT 03 00.1N LONG 154 59.8W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 160 T SPD 10 KT VISIBILITY 7
CLOUD 3 AMOUNT 3 DRY 27.8 WET 24.3 DEPTH 4722 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.317	34.753	22.107	0.000
10	28.299	34.756	22.115	0.057
20	28.271	34.764	22.131	0.114
30	28.184	34.774	22.167	0.171
40	28.146	34.749	22.161	0.228
50	27.903	34.726	22.222	0.284
60	26.994	34.628	22.442	0.340
70	26.731	34.588	22.495	0.394
80	25.844	34.525	22.725	0.446
90	25.471	34.521	22.837	0.497
100	25.035	34.497	22.953	0.547
110	24.414	34.831	23.392	0.594
120	20.697	34.810	24.432	0.635
130	18.555	34.762	24.953	0.667
140	16.300	34.708	25.455	0.695
150	14.467	34.653	25.820	0.718
160	13.561	34.634	25.996	0.739
170	13.163	34.623	26.069	0.759
180	12.278	34.617	26.239	0.778
190	11.906	34.617	26.310	0.796
200	11.015	34.684	26.527	0.813
250	10.817	34.766	26.627	0.887
300	10.114	34.719	26.713	0.958
350	9.791	34.700	26.754	1.027
400	9.034	34.650	26.839	1.094
450	8.477	34.633	26.914	1.157
500	7.639	34.599	27.012	1.215
550	7.046	34.577	27.080	1.270
600	6.692	34.566	27.119	1.322
650	6.137	34.553	27.182	1.372
700	5.870	34.550	27.214	1.420
750	5.516	34.545	27.253	1.467
800	5.312	34.543	27.277	1.511
900	4.898	34.549	27.330	1.598
1000	4.427	34.557	27.388	1.680
1009	4.410	34.557	27.390	1.687

CAST TG1-94-DI -007 DATE 21 MAY 94 TIME 1507 GMT

LAT 02 00.8N LONG 155 06.2W



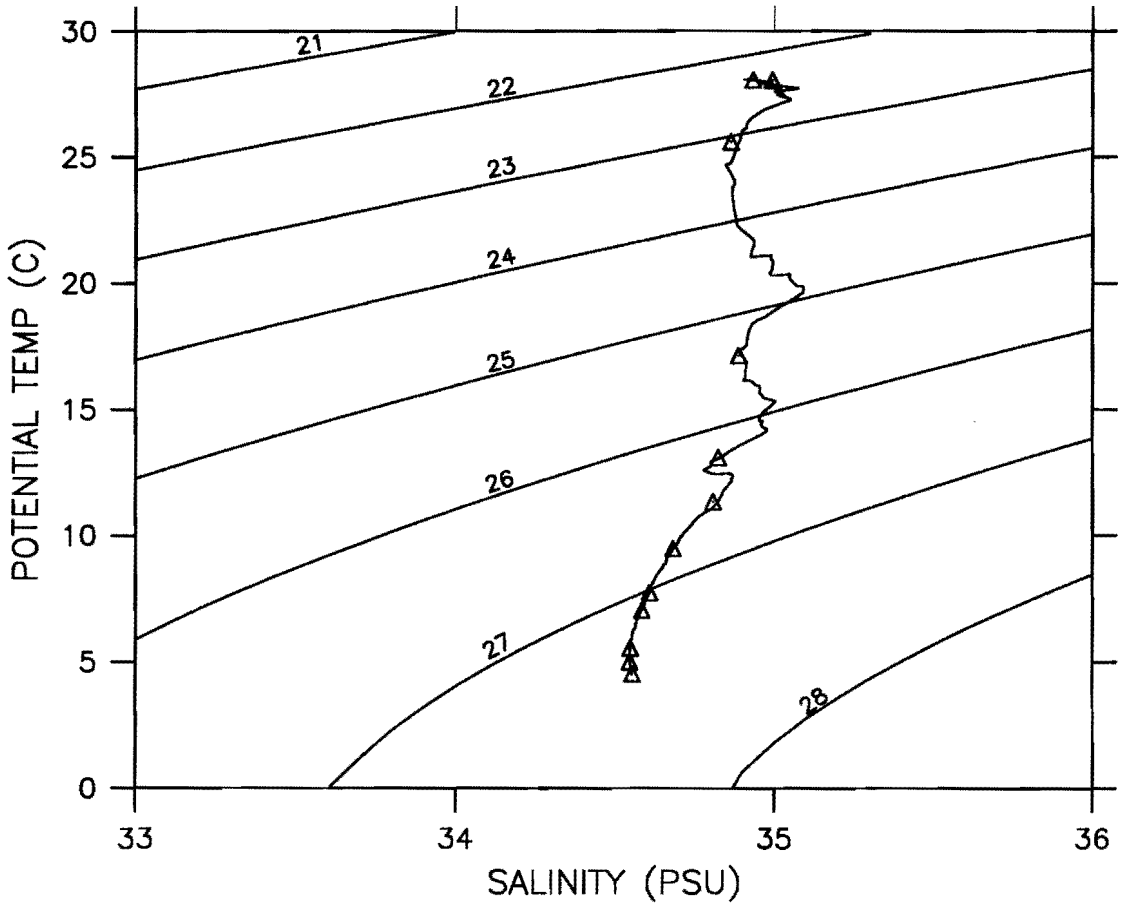


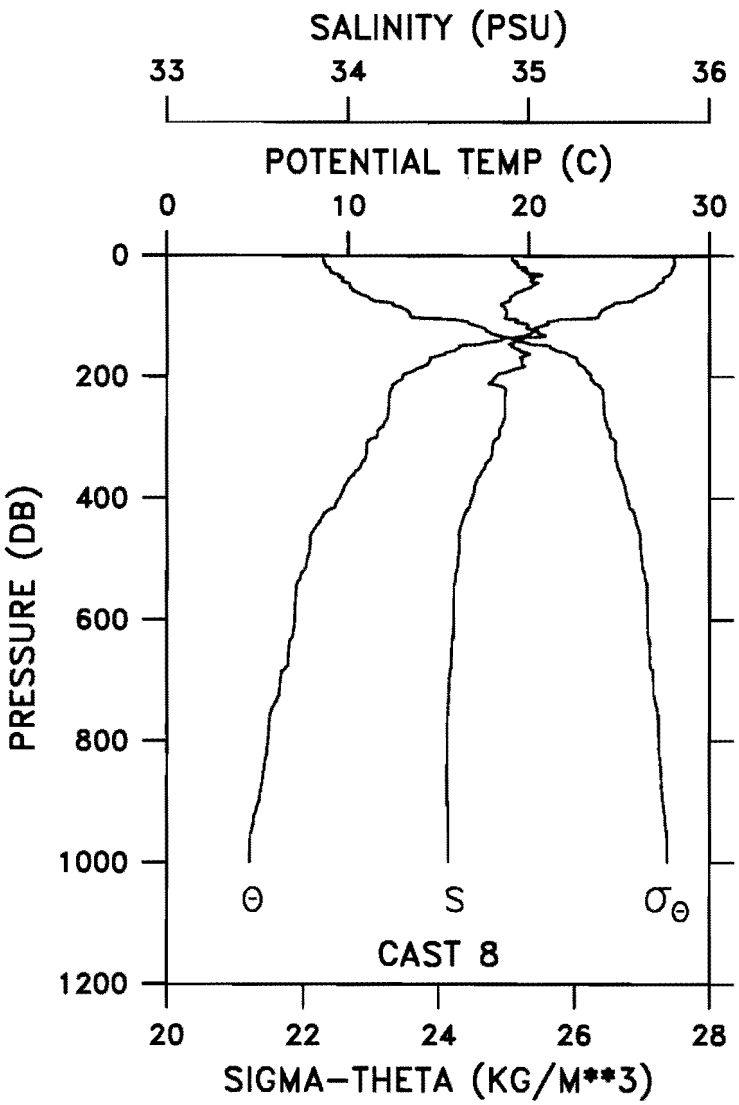
CAST TG1-94-DI -007 DATE 21 MAY 94 TIME 1507 GMT
LAT 02 00.8N LONG 155 06.2W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 150 T SPD 06 KT VISIBILITY 7
CLOUD 2 AMOUNT 3 DRY 27.1 WET 23.9 DEPTH 4668 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
29	27.747	35.086	22.544	0.000
30	27.664	35.072	22.560	0.005
31	27.567	35.065	22.586	0.011
32	27.480	35.095	22.637	0.016
40	26.961	34.869	22.634	0.058
50	26.075	34.575	22.691	0.110
60	25.781	34.533	22.750	0.161
70	25.812	34.601	22.793	0.212
80	25.523	34.866	23.082	0.262
90	24.555	34.862	23.373	0.309
100	22.880	34.846	23.853	0.352
110	20.535	34.814	24.479	0.389
120	19.961	34.793	24.615	0.423
130	18.656	34.769	24.933	0.456
140	15.761	34.732	25.597	0.483
150	13.784	34.701	26.002	0.505
160	13.233	34.691	26.107	0.525
170	13.111	34.681	26.124	0.544
180	12.929	34.689	26.167	0.563
190	12.331	34.717	26.306	0.582
200	12.125	34.710	26.341	0.599
250	11.378	34.800	26.551	0.678
300	10.882	34.774	26.621	0.754
350	10.256	34.730	26.698	0.826
400	9.315	34.675	26.813	0.895
450	8.403	34.637	26.928	0.958
500	7.205	34.586	27.064	1.014
550	6.820	34.572	27.107	1.067
600	6.695	34.571	27.123	1.119
650	6.309	34.560	27.165	1.169
700	6.036	34.553	27.195	1.218
750	5.897	34.552	27.212	1.266
800	5.634	34.549	27.242	1.312
900	5.089	34.545	27.304	1.402
1000	4.549	34.552	27.371	1.485
1003	4.547	34.552	27.372	1.487

CAST TG1-94-DI -008 DATE 22 MAY 94 TIME 1045 GMT

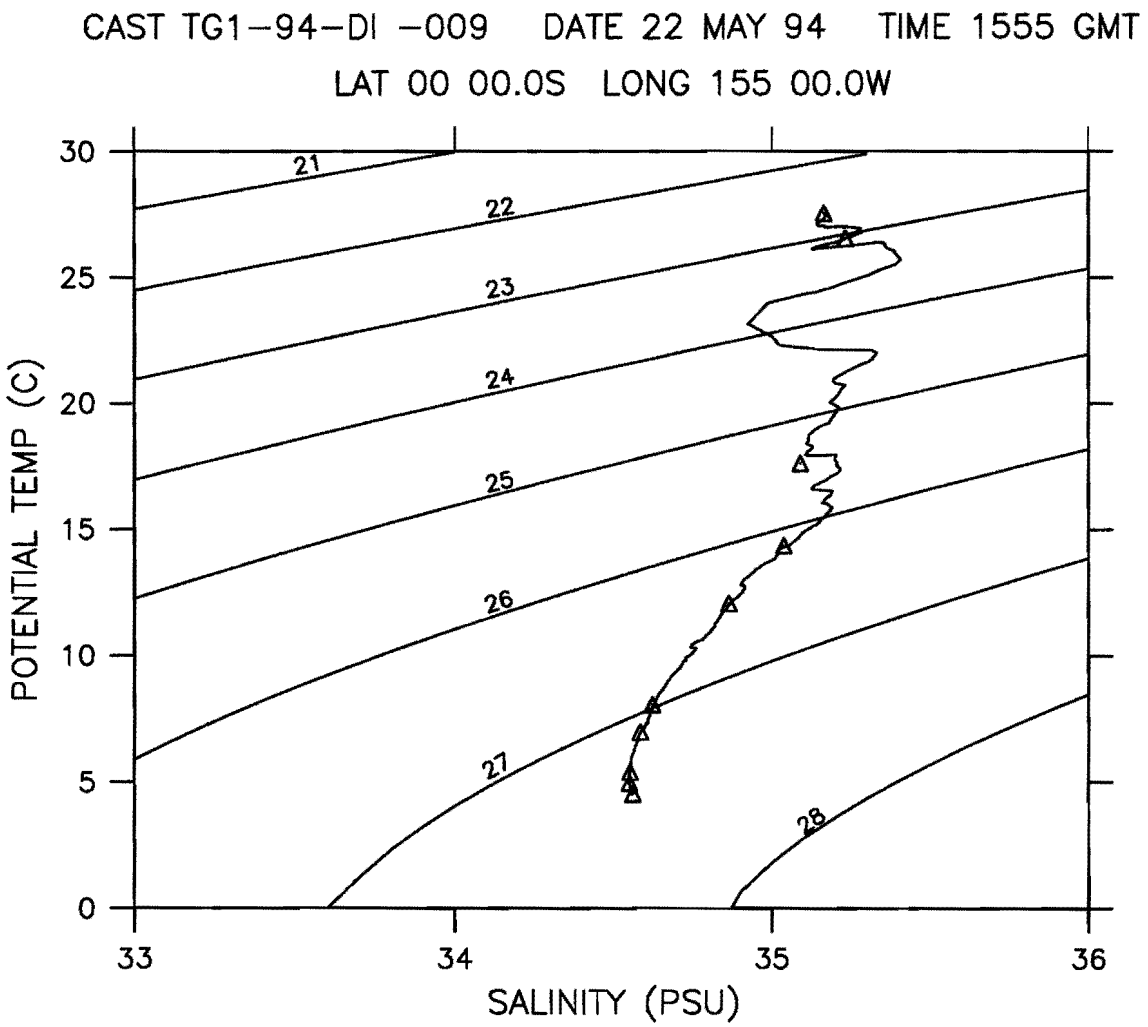
LAT 00 59.6N LONG 154 59.9W

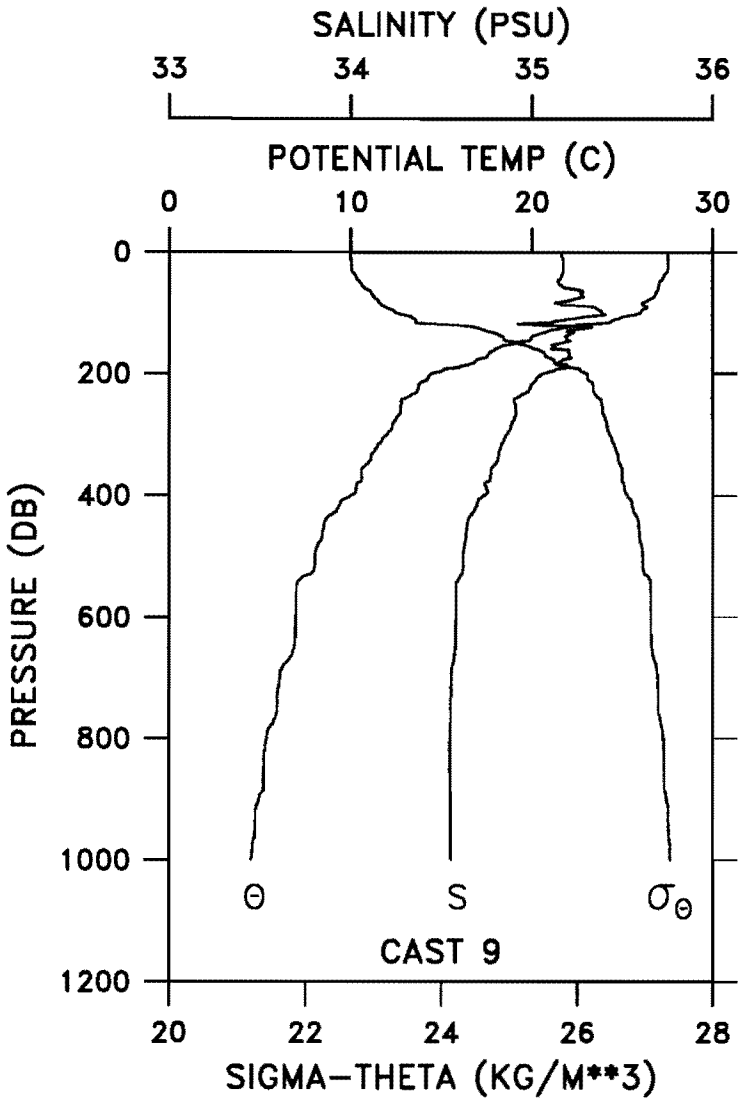




CAST TG1-94-DI -008 DATE 22 MAY 94 TIME 1045 GMT
LAT 00 59.6N LONG 154 59.9W WEATHER 1 SEA STATE 3
BAROMETER 12 WIND DIR 085 T SPD 08 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 27.6 WET 24.2 DEPTH 4748 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.081	34.909	22.302	0.000
10	28.080	34.929	22.317	0.055
20	27.980	34.985	22.392	0.110
30	27.797	35.040	22.493	0.164
40	27.464	35.014	22.581	0.217
50	27.109	35.016	22.697	0.269
60	26.599	34.934	22.798	0.321
70	25.938	34.897	22.977	0.371
80	24.684	34.847	23.323	0.418
90	24.056	34.875	23.532	0.463
100	23.870	34.872	23.584	0.507
110	21.053	34.939	24.434	0.545
120	20.308	34.991	24.675	0.579
130	19.899	35.070	24.843	0.612
140	18.374	34.930	25.127	0.642
150	16.154	34.909	25.643	0.668
160	15.390	34.987	25.877	0.691
170	14.535	34.964	26.046	0.712
180	14.317	34.962	26.091	0.732
190	13.622	34.899	26.189	0.751
200	13.008	34.817	26.250	0.769
250	12.232	34.865	26.440	0.854
300	11.515	34.830	26.549	0.934
350	10.630	34.754	26.651	1.009
400	9.520	34.685	26.787	1.078
450	8.130	34.619	26.955	1.141
500	7.742	34.609	27.005	1.199
550	7.132	34.587	27.076	1.254
600	7.035	34.584	27.086	1.307
650	6.708	34.571	27.121	1.360
700	6.241	34.559	27.173	1.411
750	5.746	34.551	27.230	1.459
800	5.557	34.548	27.251	1.505
900	5.035	34.547	27.312	1.595
1000	4.519	34.553	27.376	1.677
1001	4.519	34.554	27.376	1.677


CAST TG1-94-DI -009 DATE 22 MAY 94 TIME 1555 GMT
LAT 00 00.0S LONG 155 00.0W
POTENTIAL TEMP (C)
SALINITY (PSU)
21
22
23
24
25
26
27
28
30
25
20
15
10
5
0
33
34
35
36

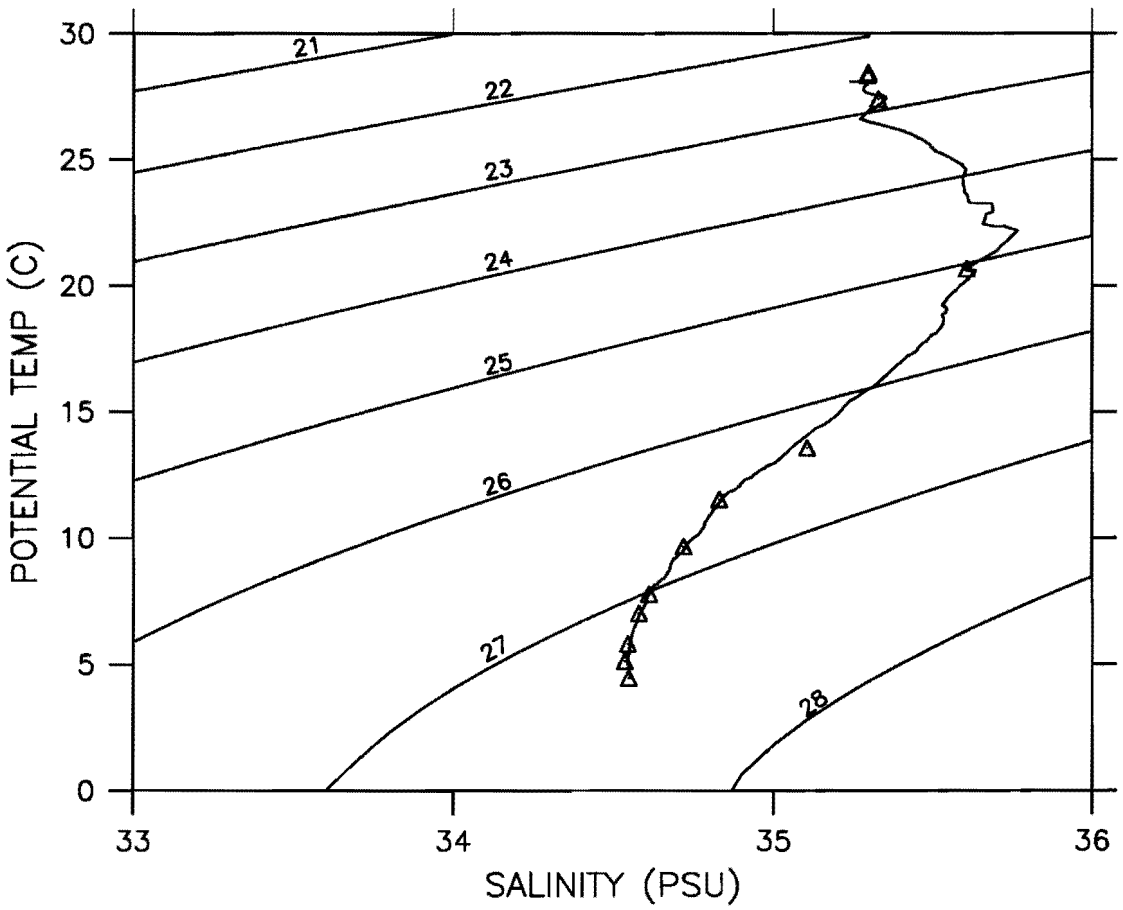


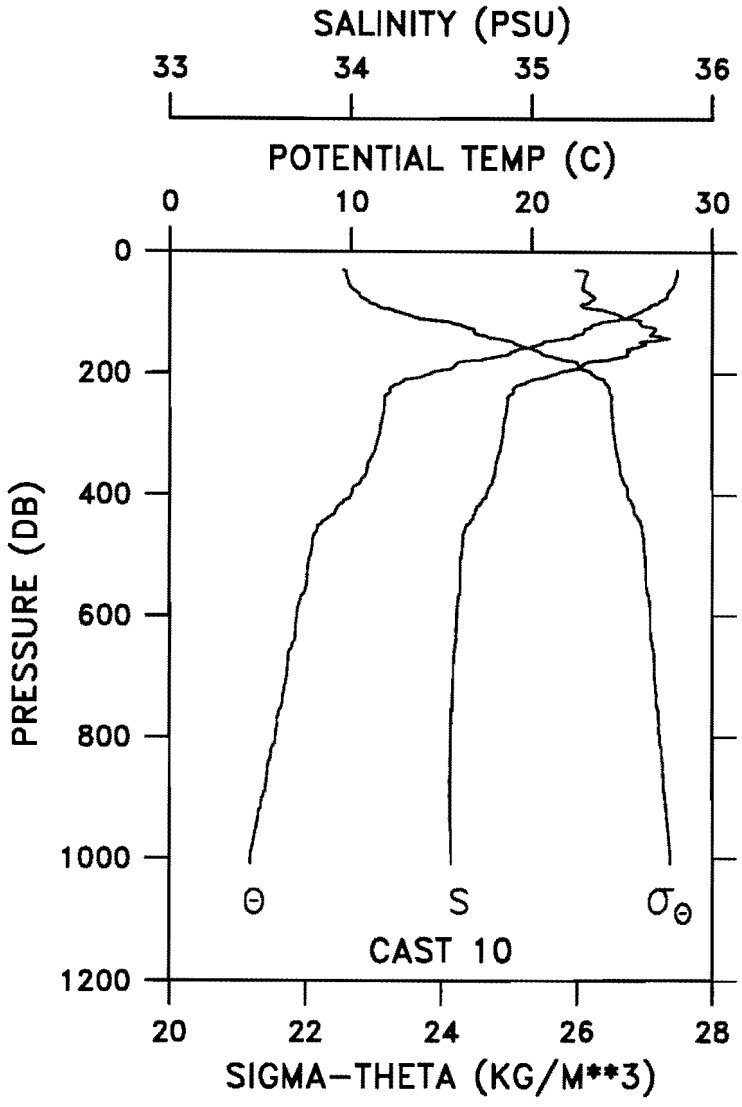
CAST TG1-94-DI -009 DATE 22 MAY 94 TIME 1555 GMT
LAT 00 00.0S LONG 155 00.0W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 095 T SPD 08 KT VISIBILITY 8
CLOUD 1 AMOUNT 2 DRY 27.1 WET 24.8 DEPTH 4660 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.568	35.166	22.662	0.000
10	27.562	35.171	22.668	0.052
20	27.546	35.172	22.674	0.104
30	27.533	35.172	22.678	0.155
40	27.309	35.163	22.744	0.207
50	27.065	35.145	22.808	0.258
60	27.008	35.214	22.878	0.308
70	26.836	35.279	22.982	0.357
80	26.381	35.197	23.065	0.406
90	26.389	35.334	23.165	0.454
100	26.004	35.387	23.326	0.501
110	24.694	35.211	23.596	0.545
120	22.309	35.025	24.151	0.587
130	20.884	35.194	24.675	0.622
140	19.975	35.193	24.917	0.654
150	19.119	35.158	25.113	0.684
160	17.944	35.153	25.404	0.711
170	17.572	35.205	25.535	0.737
180	16.896	35.159	25.662	0.761
190	15.871	35.192	25.925	0.784
200	14.433	35.062	26.144	0.804
250	12.783	34.908	26.365	0.895
300	12.007	34.863	26.482	0.979
350	10.833	34.794	26.646	1.056
400	9.989	34.736	26.748	1.128
450	8.535	34.643	26.912	1.192
500	8.046	34.622	26.970	1.252
550	7.019	34.586	27.091	1.308
600	6.972	34.582	27.093	1.361
650	6.880	34.579	27.104	1.414
700	6.072	34.556	27.193	1.464
750	5.942	34.553	27.207	1.512
800	5.358	34.548	27.275	1.558
900	4.943	34.547	27.323	1.646
1000	4.509	34.555	27.378	1.728
1000	4.509	34.555	27.378	1.728

CAST TG1-94-DI -010 DATE 23 MAY 94 TIME 0127 GMT

LAT 01 00.1S LONG 155 00.1W



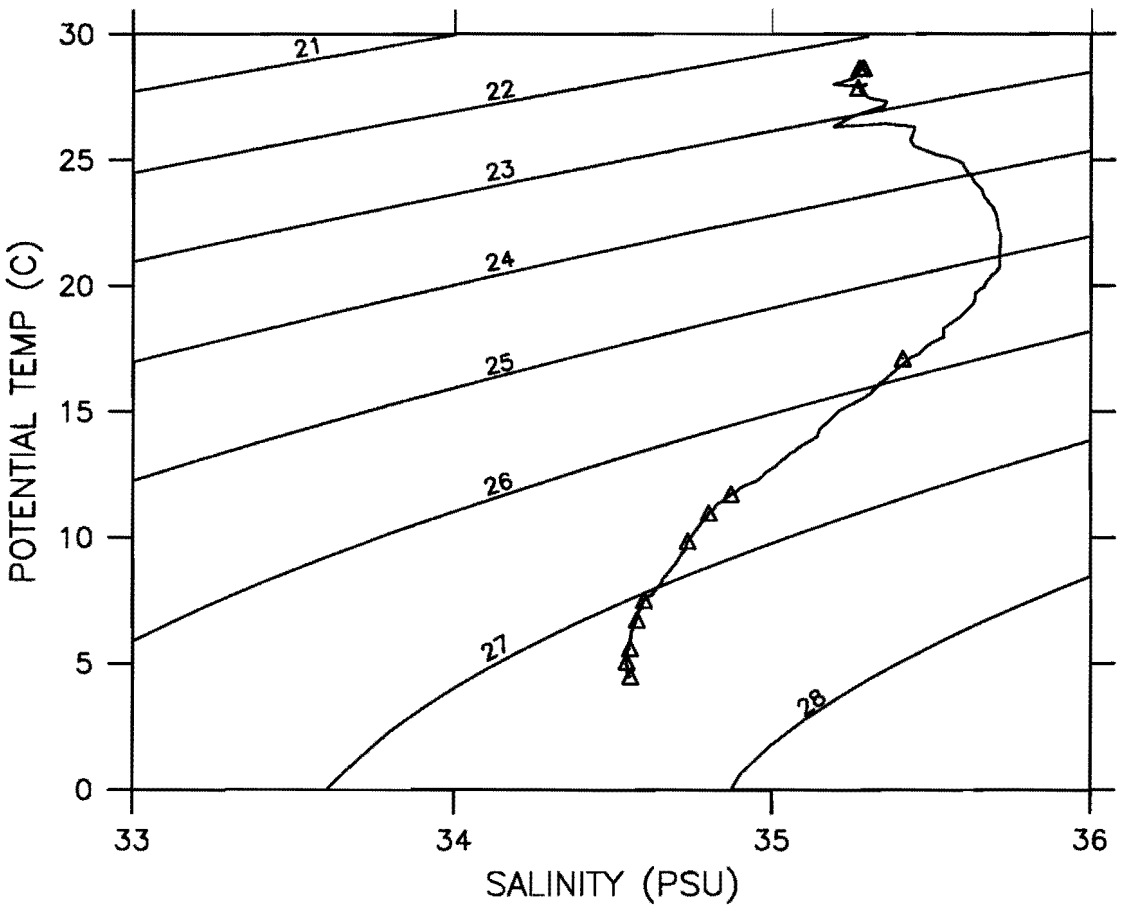


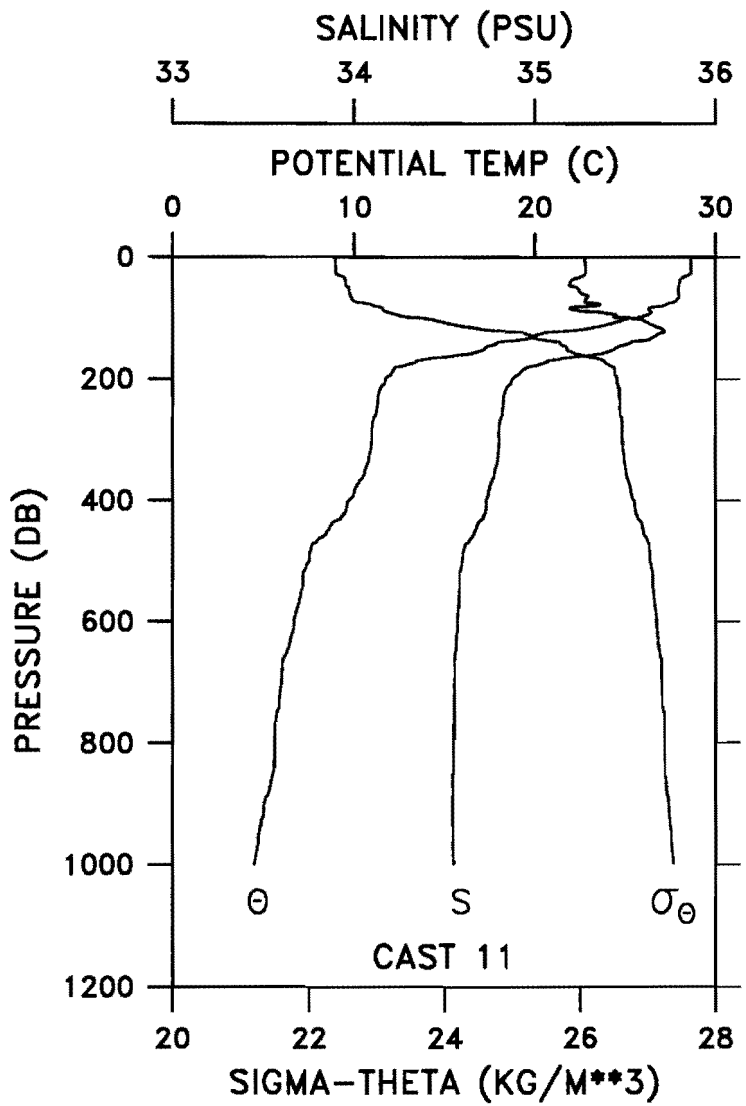
CAST TG1-94-DI -010 DATE 23 MAY 94 TIME 0127 GMT
LAT 01 00.1S LONG 155 00.1W WEATHER 1 SEA STATE 5
BAROMETER 10 WIND DIR 060 T SPD 08 KT VISIBILITY 8
CLOUD 8 AMOUNT 3 DRY 29.0 WET 25.0 DEPTH 1005 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
30	28.088	35.241	22.549	0.000
31	28.089	35.285	22.582	0.005
32	28.089	35.302	22.595	0.011
33	28.088	35.306	22.598	0.016
40	28.043	35.299	22.608	0.053
50	27.945	35.289	22.632	0.105
60	27.761	35.283	22.688	0.157
70	27.548	35.322	22.786	0.208
80	27.188	35.332	22.910	0.259
90	26.567	35.281	23.069	0.308
100	25.928	35.441	23.391	0.355
110	25.233	35.525	23.669	0.399
120	23.392	35.610	24.284	0.438
130	22.899	35.680	24.480	0.474
140	22.350	35.725	24.671	0.508
150	20.602	35.619	25.074	0.539
160	19.326	35.535	25.347	0.568
170	18.667	35.533	25.515	0.593
180	16.254	35.334	25.947	0.617
190	15.617	35.267	26.041	0.637
200	14.420	35.145	26.210	0.657
250	11.860	34.865	26.512	0.739
300	11.583	34.841	26.545	0.817
350	10.943	34.803	26.633	0.894
400	10.034	34.752	26.753	0.965
450	8.239	34.640	26.956	1.029
500	7.769	34.612	27.004	1.087
550	7.555	34.604	27.029	1.143
600	7.018	34.586	27.090	1.197
650	6.759	34.576	27.118	1.250
700	6.439	34.565	27.152	1.301
750	6.156	34.559	27.184	1.351
800	5.812	34.552	27.223	1.399
900	5.107	34.546	27.303	1.490
1000	4.468	34.555	27.382	1.573
1009	4.465	34.555	27.383	1.580

CAST TG1-94-DI -011 DATE 23 MAY 94 TIME 0948 GMT

LAT 01 59.5S LONG 155 00.1W



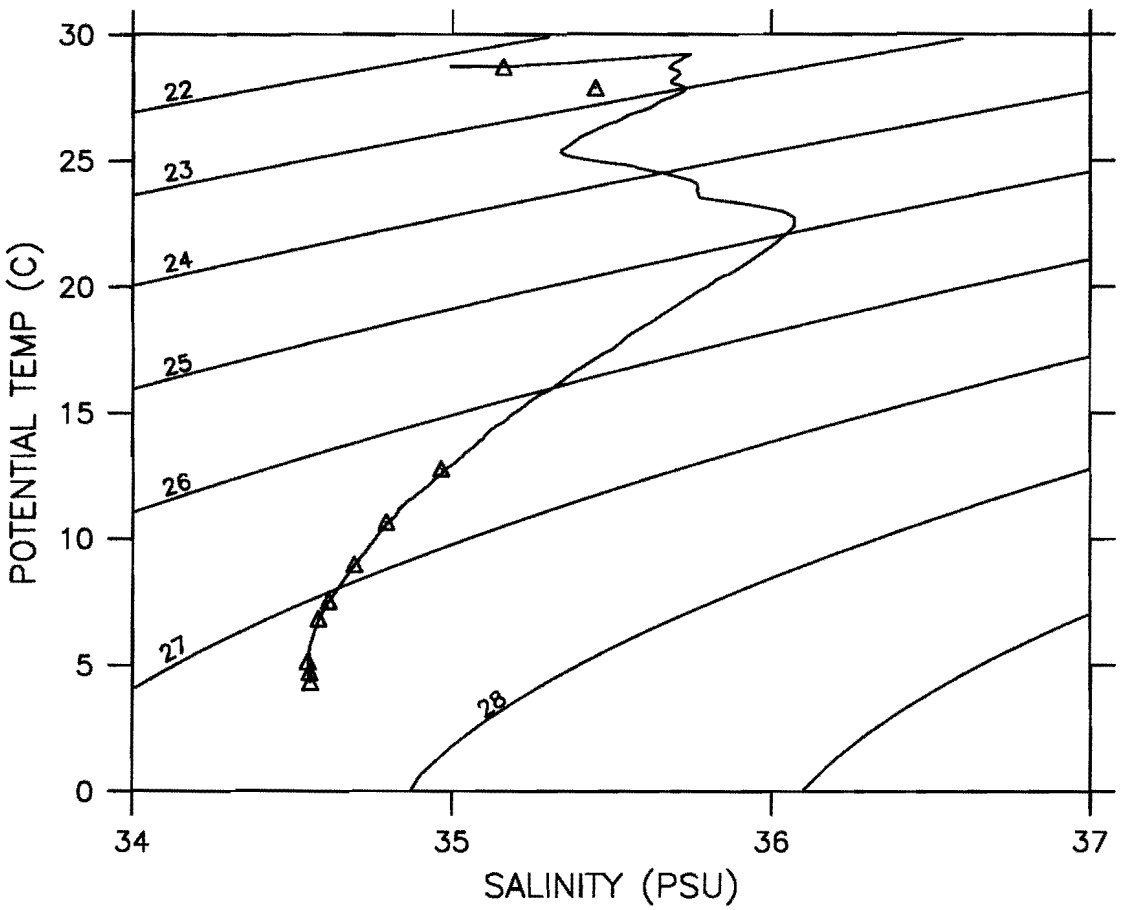


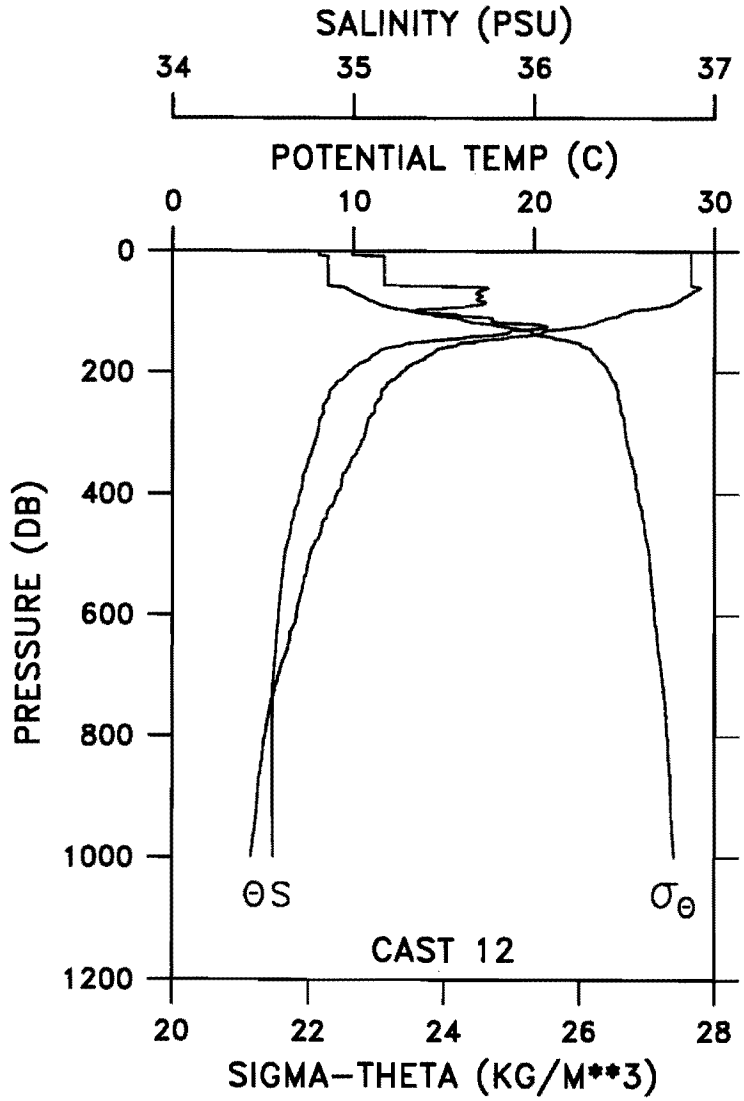
CAST TG1-94-DI -011 DATE 23 MAY 94 TIME 0948 GMT
LAT 01 59.5S LONG 155 00.1W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 070 T SPD 10 KT VISIBILITY 7
CLOUD 8 AMOUNT 4 DRY 28.0 WET 24.8 DEPTH 4972 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.642	35.277	22.394	0.000
10	28.645	35.278	22.394	0.054
20	28.640	35.280	22.396	0.109
30	28.449	35.270	22.452	0.163
40	28.022	35.198	22.538	0.216
50	27.953	35.229	22.584	0.270
60	27.963	35.262	22.606	0.322
70	27.853	35.280	22.655	0.375
80	27.009	35.320	22.958	0.426
90	26.441	35.353	23.163	0.474
100	25.197	35.518	23.674	0.520
110	24.107	35.637	24.094	0.560
120	22.331	35.712	24.667	0.596
130	19.920	35.662	25.289	0.625
140	17.922	35.531	25.699	0.651
150	17.219	35.445	25.804	0.674
160	16.108	35.337	25.983	0.695
170	13.465	35.073	26.356	0.714
180	12.379	34.964	26.489	0.731
190	12.107	34.919	26.506	0.746
200	11.749	34.875	26.540	0.762
250	11.272	34.822	26.588	0.838
300	10.987	34.802	26.625	0.912
350	10.615	34.780	26.673	0.985
400	9.690	34.730	26.794	1.055
450	8.537	34.668	26.932	1.119
500	7.516	34.597	27.029	1.176
550	7.058	34.581	27.081	1.230
600	6.655	34.570	27.127	1.282
650	6.282	34.559	27.168	1.332
700	5.991	34.555	27.202	1.380
750	5.729	34.552	27.233	1.428
800	5.616	34.549	27.245	1.474
900	5.037	34.544	27.309	1.565
1000	4.490	34.550	27.376	1.649
1002	4.468	34.551	27.379	1.650

CAST TG1-94-DI -012 DATE 24 MAY 94 TIME 1117 GMT

LAT 03 40.3S LONG 150 15.9W



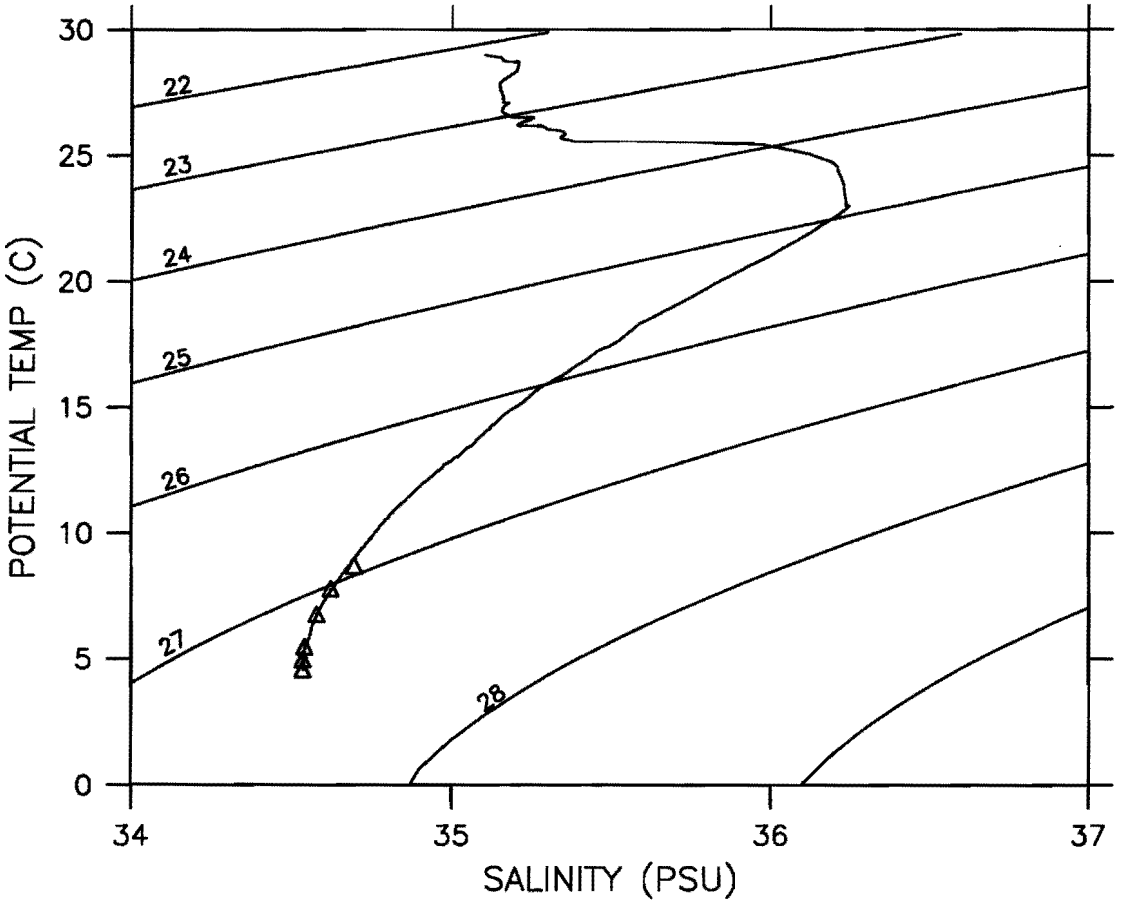


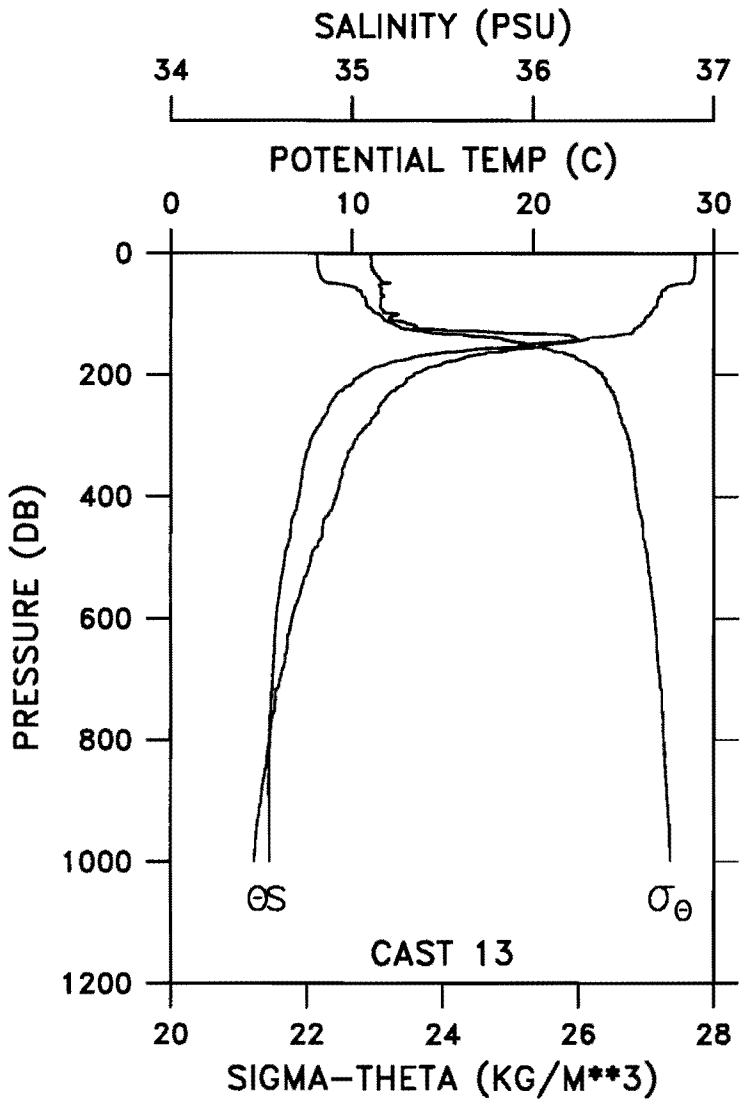
CAST TG1-94-DI -012 DATE 24 MAY 94 TIME 1117 GMT
LAT 03 40.3S LONG 150 15.9W WEATHER 1 SEA STATE 3
BAROMETER 13 WIND DIR 080 T SPD 10 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 28.1 WET 24.1 DEPTH 4591 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.724	34.994	22.154	0.000
10	28.726	35.168	22.284	0.056
20	28.729	35.169	22.283	0.112
30	28.727	35.169	22.284	0.167
40	28.728	35.170	22.285	0.223
50	28.726	35.170	22.286	0.279
60	29.195	35.715	22.538	0.334
70	28.673	35.679	22.685	0.386
80	28.124	35.683	22.870	0.437
90	27.396	35.657	23.087	0.486
100	25.209	35.357	23.549	0.532
110	24.208	35.748	24.147	0.574
120	23.152	35.971	24.627	0.610
130	20.965	35.925	25.209	0.641
140	19.353	35.714	25.477	0.668
150	16.637	35.382	25.894	0.691
160	14.959	35.188	26.127	0.711
170	14.317	35.120	26.213	0.730
180	13.810	35.079	26.289	0.748
190	13.056	35.013	26.392	0.765
200	12.655	34.971	26.440	0.782
250	11.293	34.844	26.601	0.859
300	10.642	34.801	26.685	0.932
350	9.814	34.747	26.787	1.001
400	9.077	34.701	26.872	1.065
450	8.262	34.655	26.964	1.126
500	7.595	34.619	27.034	1.183
550	7.205	34.600	27.075	1.238
600	6.830	34.584	27.115	1.290
650	6.368	34.571	27.166	1.341
700	5.825	34.556	27.224	1.389
750	5.393	34.552	27.274	1.435
800	5.109	34.549	27.305	1.478
900	4.704	34.550	27.353	1.562
1000	4.321	34.556	27.399	1.641
1001	4.319	34.556	27.399	1.642

CAST TG1-94-DI -013 DATE 25 MAY 94 TIME 0627 GMT

LAT 04 07.0S LONG 154 56.0W



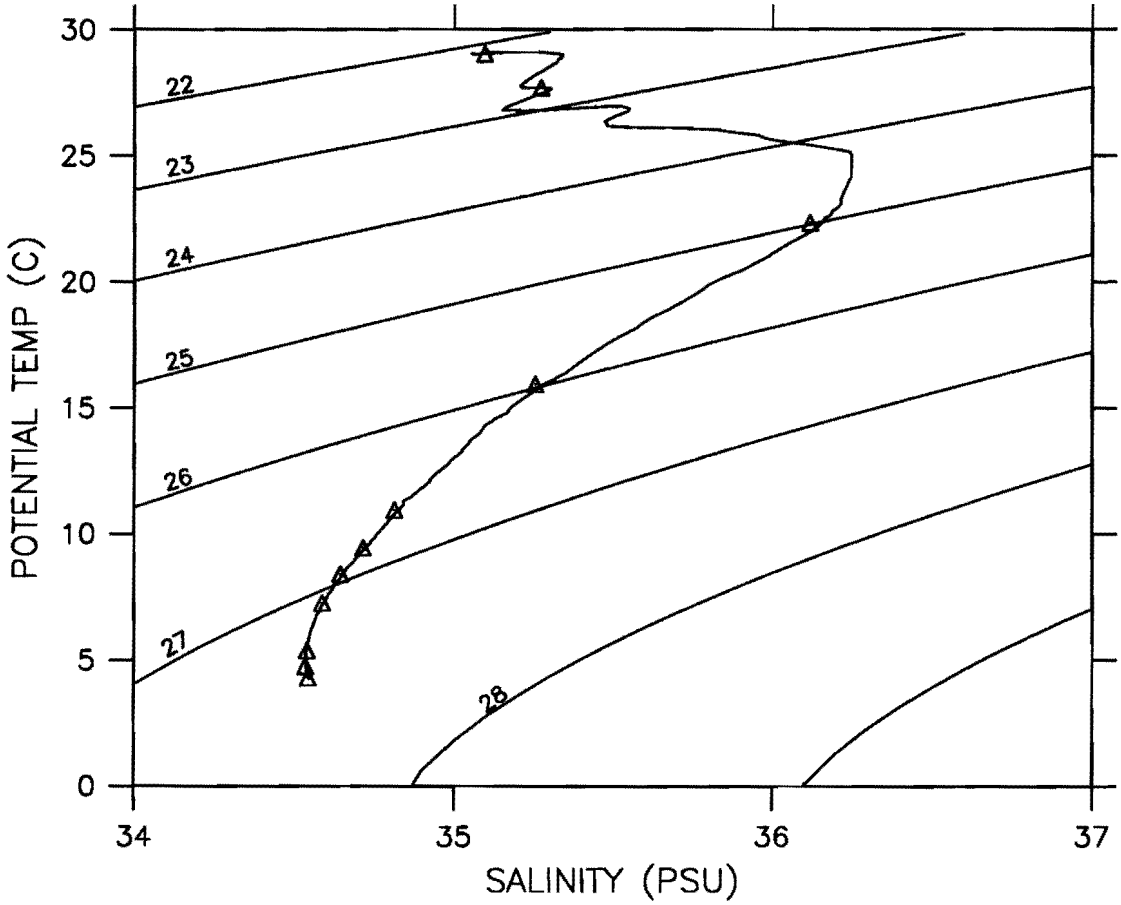


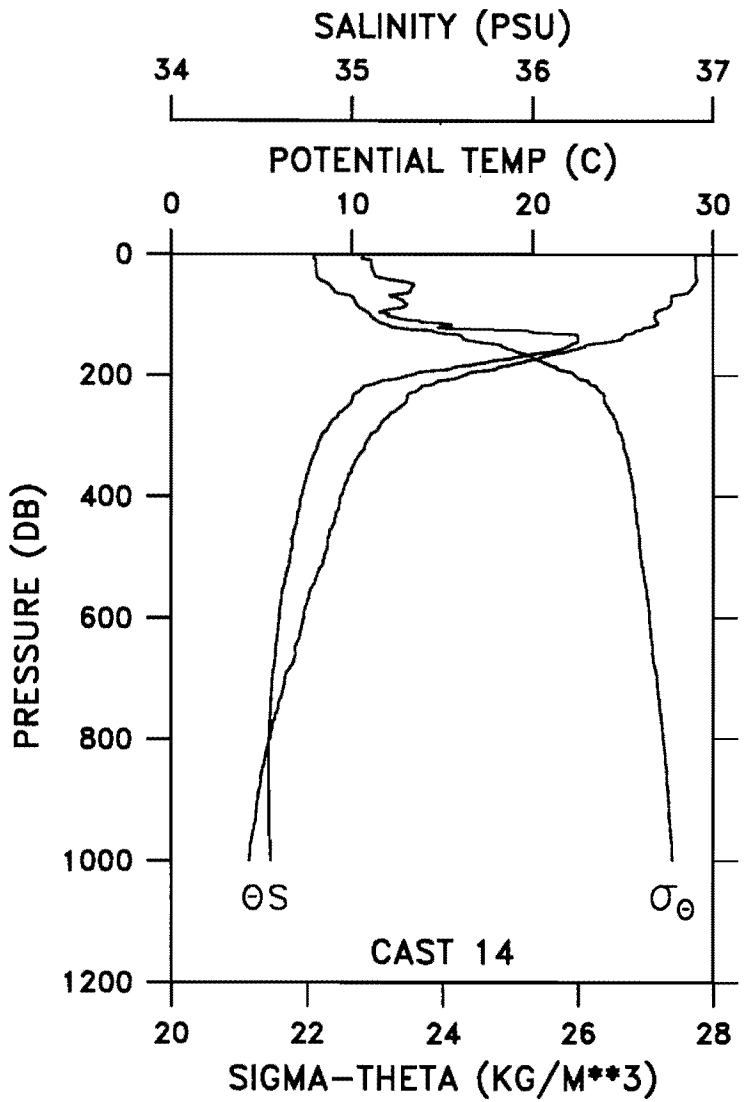
CAST TG1-94-DI -013 DATE 25 MAY 94 TIME 0627 GMT
LAT 04 07.0S LONG 154 56.0W WEATHER 1 SEA STATE 3
BAROMETER 11 WIND DIR 100 T SPD 14 KT VISIBILITY 8
CLOUD 8 AMOUNT 2 DRY 28.7 WET 24.9 DEPTH 2337 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.981	35.106	22.152	0.000
10	28.980	35.106	22.153	0.057
20	28.973	35.107	22.156	0.113
30	28.951	35.120	22.173	0.170
40	28.901	35.150	22.212	0.227
50	28.035	35.163	22.508	0.282
60	27.253	35.160	22.759	0.334
70	27.092	35.177	22.823	0.385
80	26.887	35.159	22.875	0.435
90	26.690	35.161	22.940	0.485
100	26.499	35.254	23.070	0.534
110	26.190	35.224	23.145	0.582
120	25.794	35.351	23.364	0.629
130	25.506	35.812	23.801	0.673
140	23.003	36.236	24.872	0.709
150	20.831	35.966	25.277	0.738
160	18.528	35.622	25.618	0.764
170	16.210	35.338	25.960	0.787
180	15.026	35.202	26.123	0.807
190	14.073	35.109	26.257	0.826
200	13.404	35.051	26.351	0.843
250	11.552	34.875	26.577	0.924
300	10.340	34.782	26.724	0.996
350	9.578	34.732	26.814	1.063
400	9.125	34.704	26.866	1.127
450	8.363	34.660	26.952	1.188
500	7.721	34.625	27.021	1.246
550	7.184	34.599	27.077	1.301
600	6.656	34.579	27.134	1.353
650	6.399	34.569	27.161	1.403
700	6.002	34.560	27.205	1.452
750	5.729	34.552	27.233	1.499
800	5.432	34.543	27.262	1.544
900	4.958	34.538	27.314	1.632
1000	4.583	34.543	27.360	1.716
1008	4.569	34.544	27.362	1.722

CAST TG1-94-DI -014 DATE 25 MAY 94 TIME 1141 GMT

LAT 04 53.6S LONG 154 59.2W



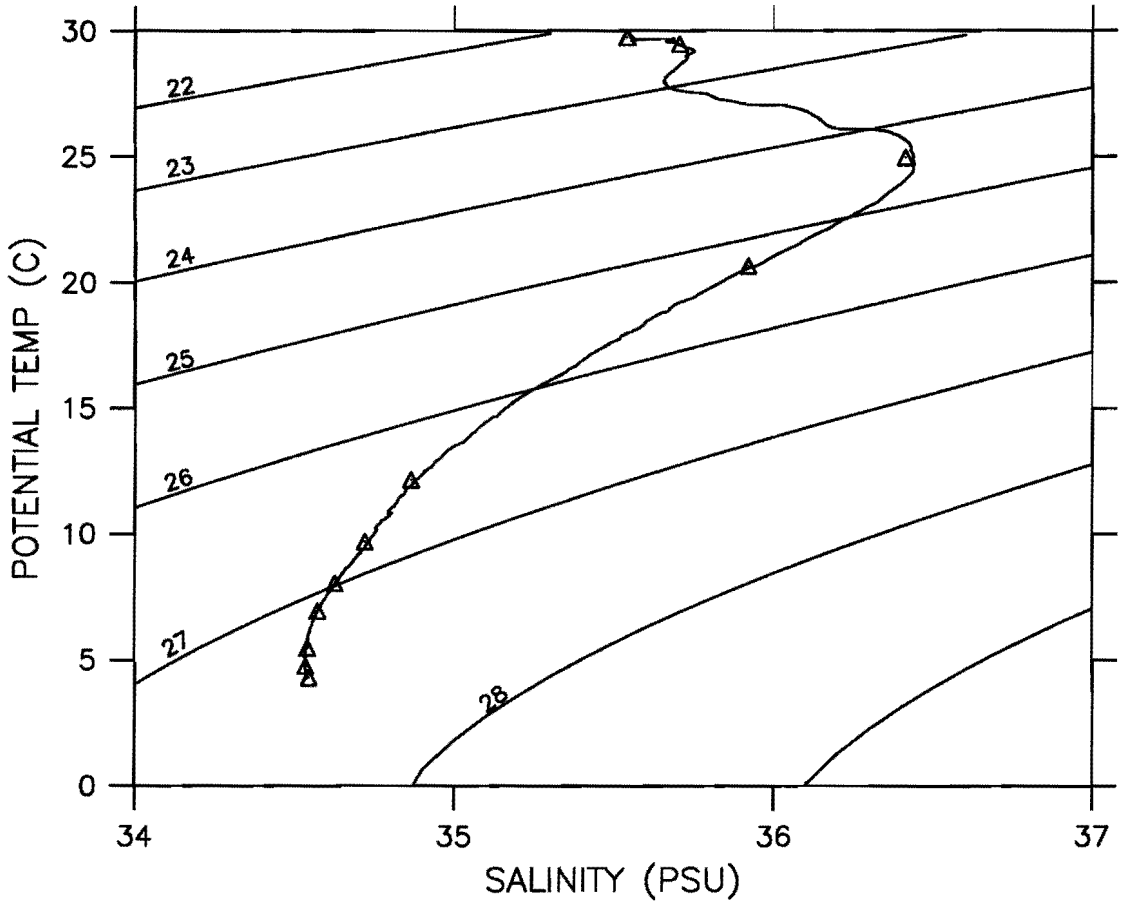


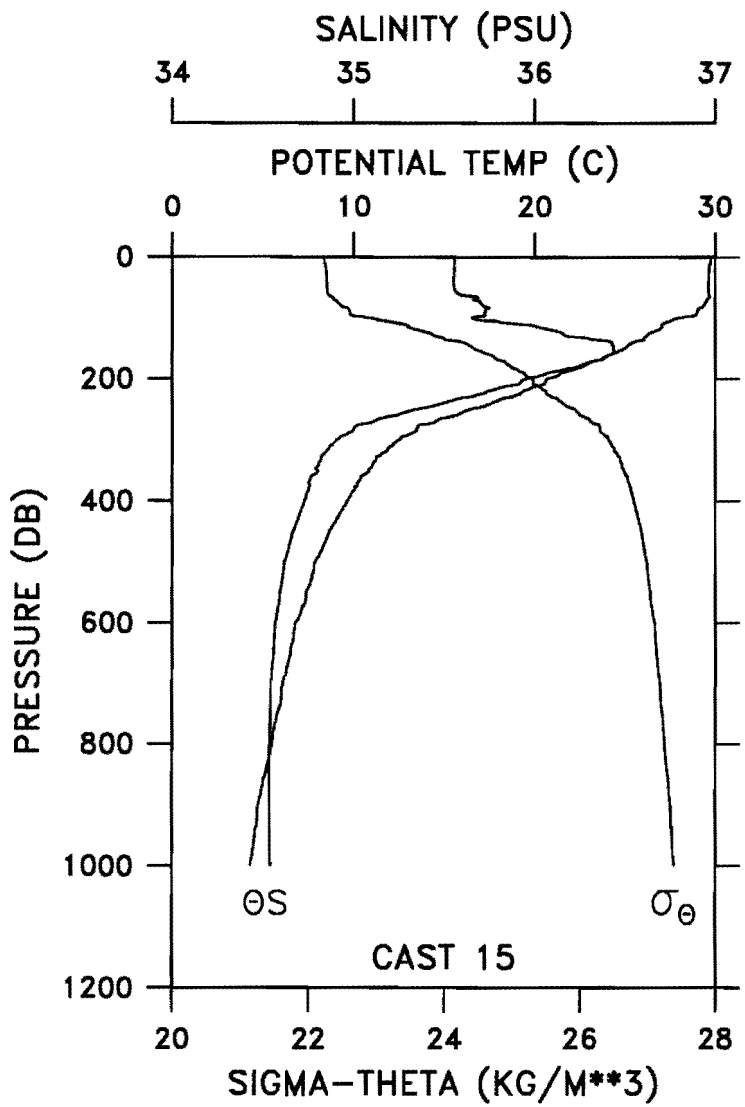
CAST TG1-94-DI -014 DATE 25 MAY 94 TIME 1141 GMT
LAT 04 53.6S LONG 154 59.2W WEATHER 1 SEA STATE 4
BAROMETER 10 WIND DIR 100 T SPD 17 KT VISIBILITY 7
CLOUD 9 AMOUNT 3 DRY 28.8 WET 25.2 DEPTH 5005 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.033	35.061	22.101	0.000
10	29.036	35.106	22.134	0.057
20	29.040	35.106	22.133	0.114
30	29.052	35.119	22.139	0.171
40	29.092	35.175	22.167	0.228
50	28.984	35.342	22.329	0.284
60	28.721	35.323	22.402	0.339
70	27.696	35.224	22.664	0.392
80	27.686	35.290	22.717	0.444
90	27.267	35.231	22.808	0.495
100	26.799	35.199	22.934	0.546
110	26.865	35.372	23.044	0.595
120	26.565	35.506	23.240	0.643
130	25.543	36.040	23.963	0.686
140	24.926	36.249	24.310	0.723
150	22.977	36.209	24.859	0.757
160	22.011	36.122	25.069	0.788
170	20.488	35.908	25.326	0.816
180	19.172	35.712	25.523	0.843
190	17.936	35.538	25.701	0.867
200	16.150	35.316	25.957	0.889
250	12.755	34.981	26.428	0.979
300	11.004	34.832	26.644	1.057
350	10.068	34.766	26.758	1.128
400	9.386	34.719	26.836	1.194
450	8.913	34.686	26.887	1.257
500	8.468	34.656	26.933	1.319
550	7.753	34.619	27.011	1.378
600	7.316	34.596	27.056	1.434
650	6.849	34.576	27.105	1.487
700	6.271	34.557	27.168	1.539
750	5.887	34.548	27.210	1.588
800	5.452	34.541	27.258	1.634
900	4.757	34.540	27.338	1.721
1000	4.286	34.548	27.396	1.801
1005	4.247	34.549	27.401	1.805

CAST TG1-94-DI -015 DATE 27 MAY 94 TIME 0212 GMT

LAT 08 17.0S LONG 155 00.3W



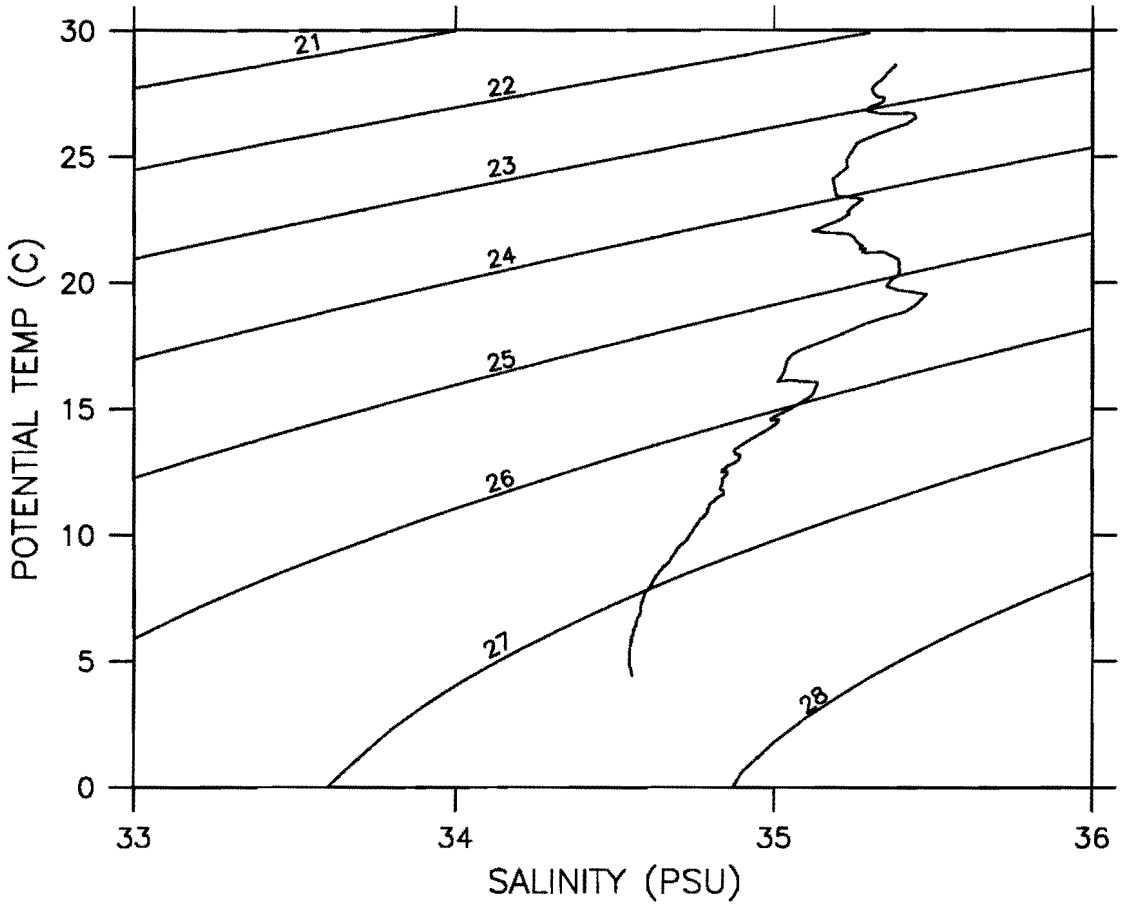


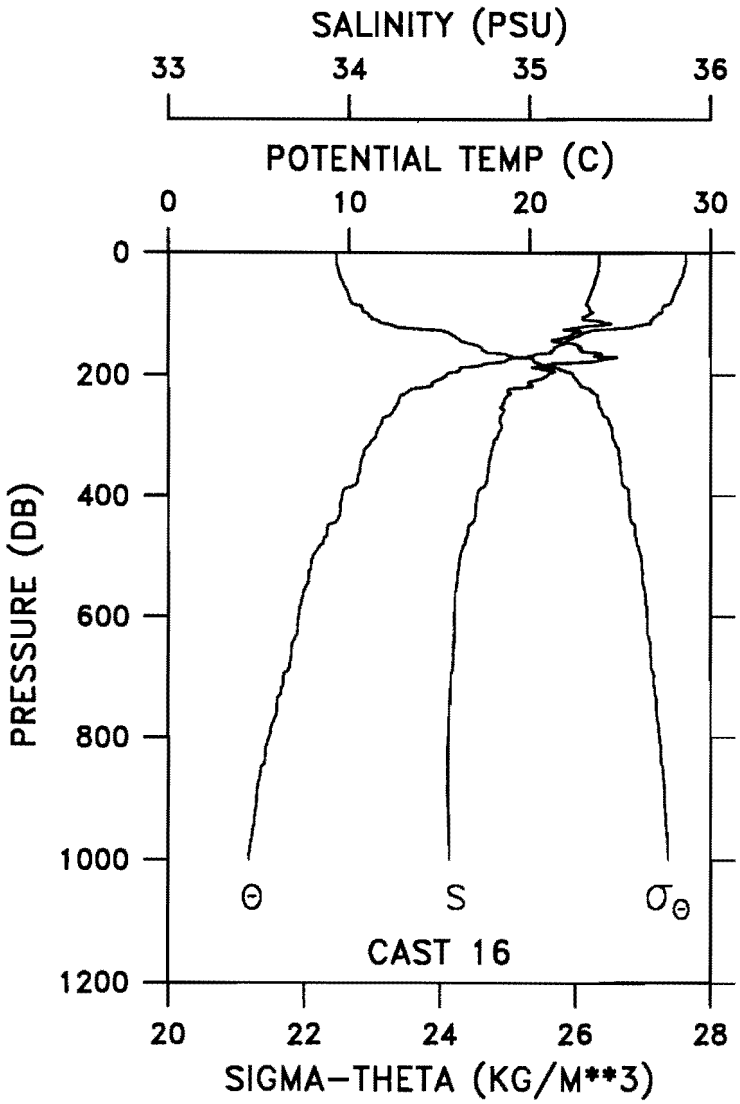
CAST TG1-94-DI -015 DATE 27 MAY 94 TIME 0212 GMT
LAT 08 17.0S LONG 155 00.3W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 045 T SPD 08 KT VISIBILITY 8
CLOUD 8 AMOUNT 5 DRY 32.2 WET 27.0 DEPTH 0990 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.747	35.559	22.234	0.000
10	29.716	35.556	22.242	0.056
20	29.657	35.557	22.263	0.112
30	29.638	35.556	22.268	0.167
40	29.616	35.553	22.274	0.223
50	29.608	35.555	22.278	0.279
60	29.638	35.578	22.285	0.334
70	29.552	35.671	22.384	0.390
80	29.351	35.720	22.489	0.444
90	29.003	35.729	22.613	0.497
100	27.961	35.654	22.902	0.549
110	27.069	35.922	23.392	0.597
120	26.763	36.109	23.631	0.641
130	26.139	36.185	23.886	0.683
140	25.425	36.427	24.291	0.722
150	24.980	36.436	24.435	0.758
160	24.181	36.421	24.665	0.792
170	23.337	36.336	24.851	0.825
180	22.621	36.239	24.984	0.856
190	21.500	36.075	25.176	0.886
200	20.675	35.948	25.306	0.914
250	16.378	35.340	25.922	1.039
300	12.492	34.908	26.423	1.134
350	10.844	34.800	26.649	1.211
400	9.653	34.728	26.798	1.281
450	8.674	34.665	26.908	1.345
500	7.879	34.615	26.990	1.404
550	7.388	34.592	27.043	1.461
600	6.777	34.567	27.108	1.515
650	6.513	34.557	27.136	1.567
700	6.091	34.546	27.182	1.617
750	5.772	34.540	27.218	1.665
800	5.470	34.534	27.250	1.712
900	4.738	34.534	27.336	1.799
1000	4.300	34.541	27.389	1.880
1002	4.292	34.540	27.390	1.882

CAST TG1-94-DI -016 DATE 30 MAY 94 TIME 1516 GMT

LAT 00 03.2S LONG 170 00.7W



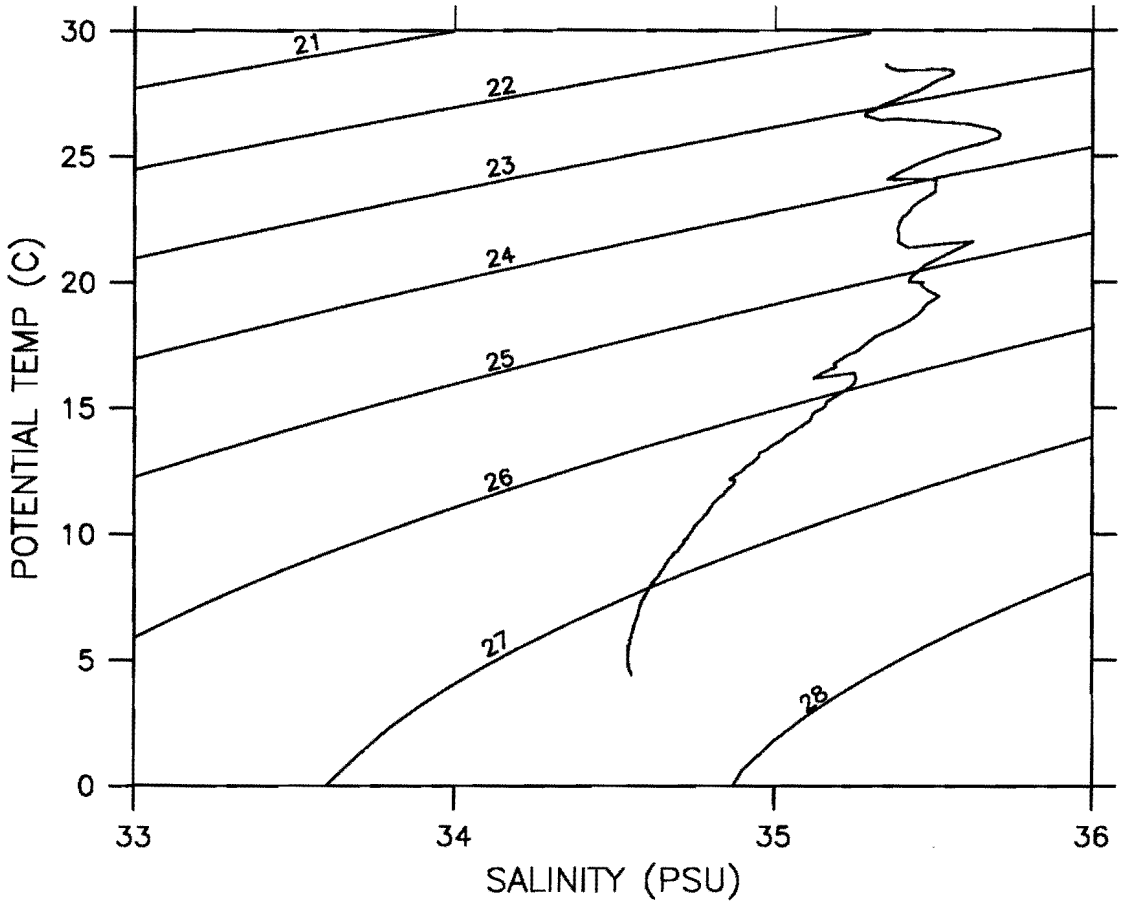


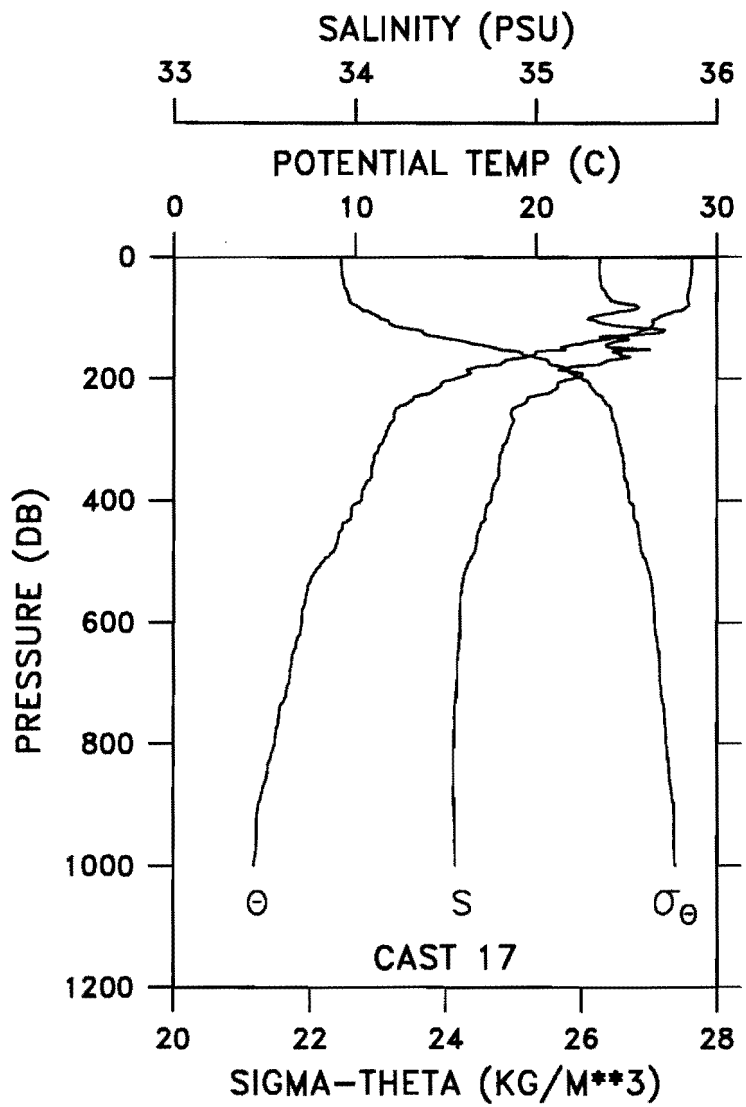
CAST TG1-94-DI -016 DATE 30 MAY 94 TIME 1516 GMT
LAT 00 03.2S LONG 170 00.7W WEATHER 1 SEA STATE 3
BAROMETER 08 WIND DIR 110 T SPD 05 KT VISIBILITY 8
CLOUD X AMOUNT 0 DRY 27.0 WET 24.0 DEPTH 5454 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.634	35.385	22.478	0.000
10	28.631	35.383	22.477	0.054
20	28.620	35.383	22.480	0.107
30	28.532	35.377	22.505	0.161
40	28.427	35.368	22.533	0.214
50	28.272	35.356	22.575	0.267
60	28.087	35.343	22.627	0.320
70	27.959	35.331	22.659	0.372
80	27.841	35.318	22.688	0.424
90	27.340	35.328	22.858	0.475
100	27.061	35.328	22.947	0.525
110	26.692	35.337	23.072	0.574
120	25.731	35.298	23.344	0.622
130	22.987	35.245	24.124	0.664
140	22.265	35.163	24.268	0.701
150	21.661	35.258	24.510	0.737
160	21.190	35.277	24.655	0.771
170	19.694	35.392	25.142	0.803
180	17.945	35.210	25.447	0.829
190	16.138	35.056	25.760	0.854
200	15.368	35.098	25.967	0.876
250	12.625	34.848	26.351	0.970
300	11.481	34.822	26.549	1.051
350	10.619	34.770	26.665	1.126
400	9.609	34.708	26.790	1.196
450	8.813	34.660	26.882	1.262
500	8.001	34.613	26.970	1.323
550	7.607	34.592	27.011	1.381
600	7.194	34.581	27.062	1.437
650	6.795	34.575	27.113	1.490
700	6.349	34.562	27.162	1.542
750	5.990	34.553	27.201	1.591
800	5.551	34.547	27.251	1.639
900	4.876	34.543	27.327	1.726
1000	4.429	34.553	27.385	1.808
1005	4.408	34.554	27.388	1.812

CAST TG1-94-DI -017 DATE 30 MAY 94 TIME 2013 GMT

LAT 01 00.2S LONG 169 59.9W



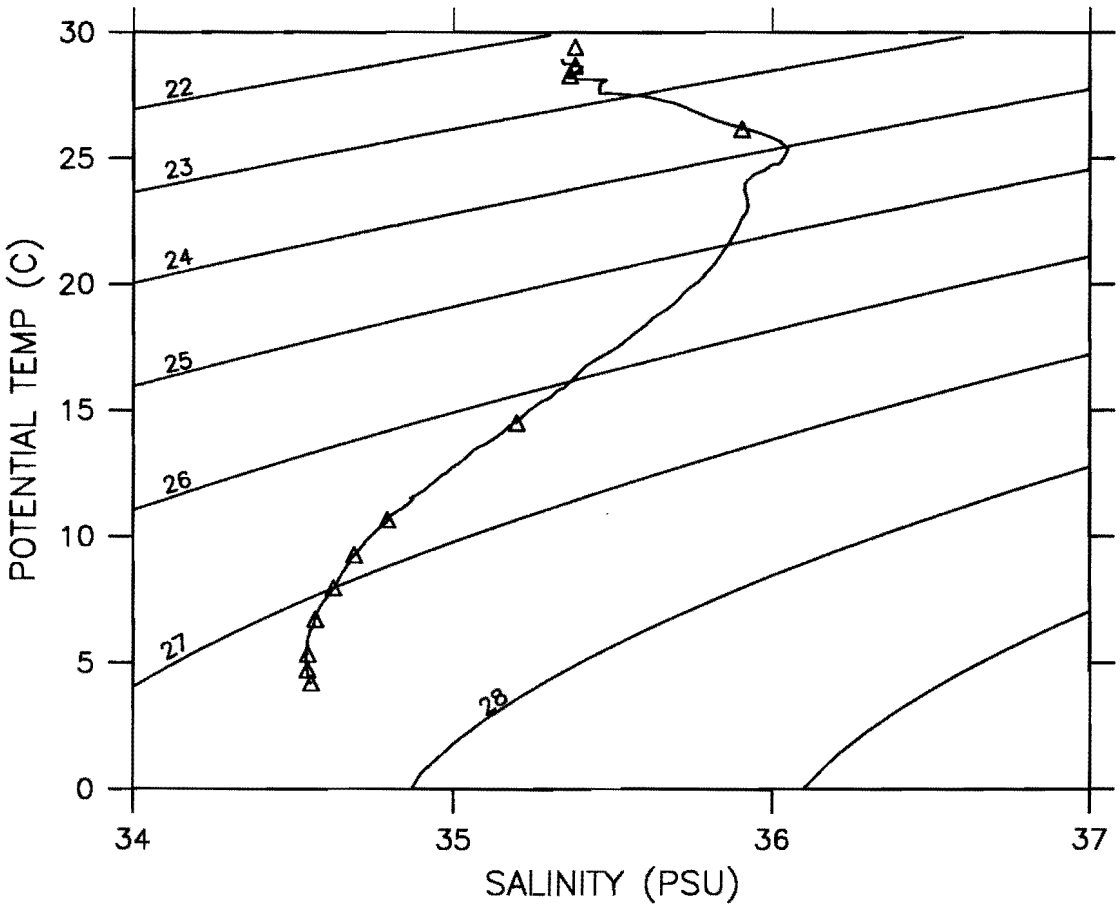


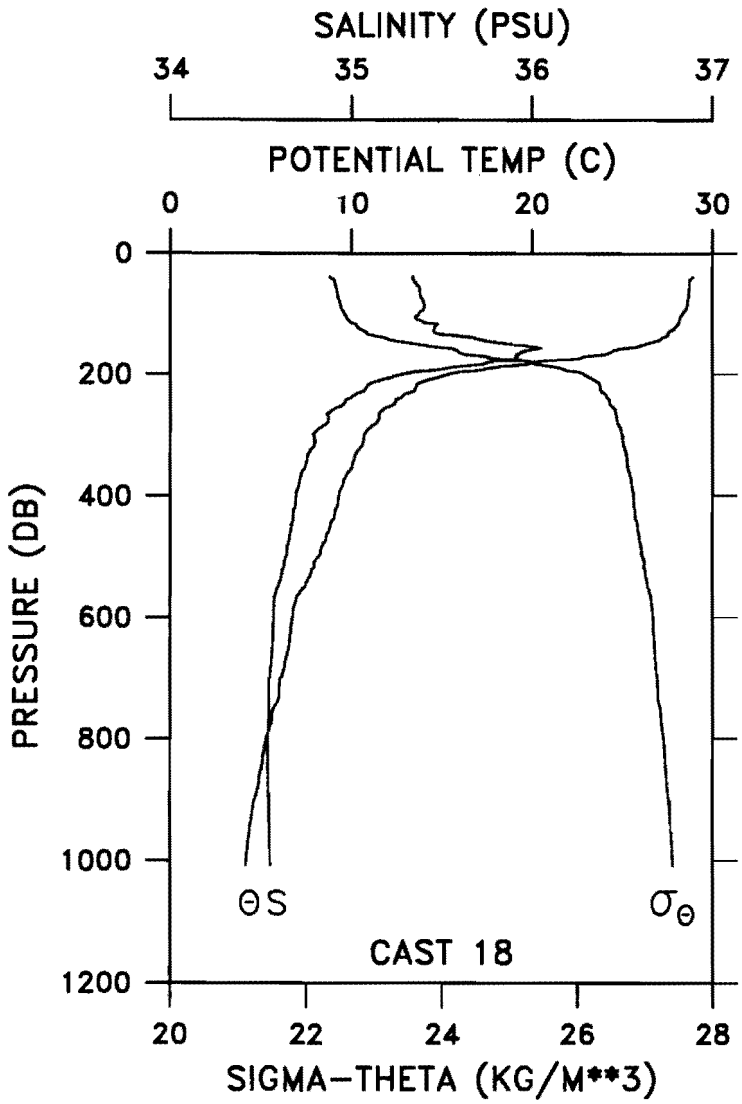
CAST TG1-94-DI -017 DATE 30 MAY 94 TIME 2013 GMT
LAT 01 00.2S LONG 169 59.9W WEATHER 1 SEA STATE 2
BAROMETER 09 WIND DIR 125 T SPD 08 KT VISIBILITY 8
CLOUD 8 AMOUNT 5 DRY 27.7 WET 24.9 DEPTH 5403 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.634	35.354	22.454	0.000
10	28.630	35.351	22.453	0.054
20	28.622	35.351	22.456	0.108
30	28.594	35.351	22.465	0.161
40	28.548	35.357	22.485	0.215
50	28.512	35.364	22.502	0.269
60	28.420	35.387	22.550	0.322
70	28.405	35.412	22.574	0.375
80	28.406	35.557	22.682	0.428
90	27.582	35.453	22.874	0.479
100	26.757	35.296	23.020	0.529
110	26.477	35.390	23.180	0.576
120	25.914	35.711	23.599	0.622
130	24.359	35.396	23.836	0.665
140	22.776	35.423	24.320	0.704
150	21.423	35.465	24.734	0.738
160	19.945	35.463	25.131	0.769
170	18.257	35.394	25.511	0.796
180	16.755	35.187	25.717	0.820
190	16.372	35.235	25.843	0.843
200	15.492	35.198	26.016	0.864
250	12.243	34.866	26.439	0.956
300	11.538	34.839	26.552	1.036
350	10.895	34.791	26.632	1.111
400	10.307	34.749	26.703	1.184
450	9.187	34.682	26.839	1.251
500	8.187	34.627	26.953	1.314
550	7.323	34.586	27.047	1.370
600	7.038	34.578	27.081	1.424
650	6.557	34.567	27.138	1.477
700	6.341	34.561	27.162	1.527
750	5.792	34.548	27.222	1.576
800	5.551	34.545	27.249	1.622
900	4.642	34.547	27.357	1.709
1000	4.418	34.553	27.386	1.789
1006	4.401	34.553	27.388	1.794

CAST TG1-94-DI -018 DATE 31 MAY 94 TIME 0820 GMT

LAT 02 10.3S LONG 170 03.6W



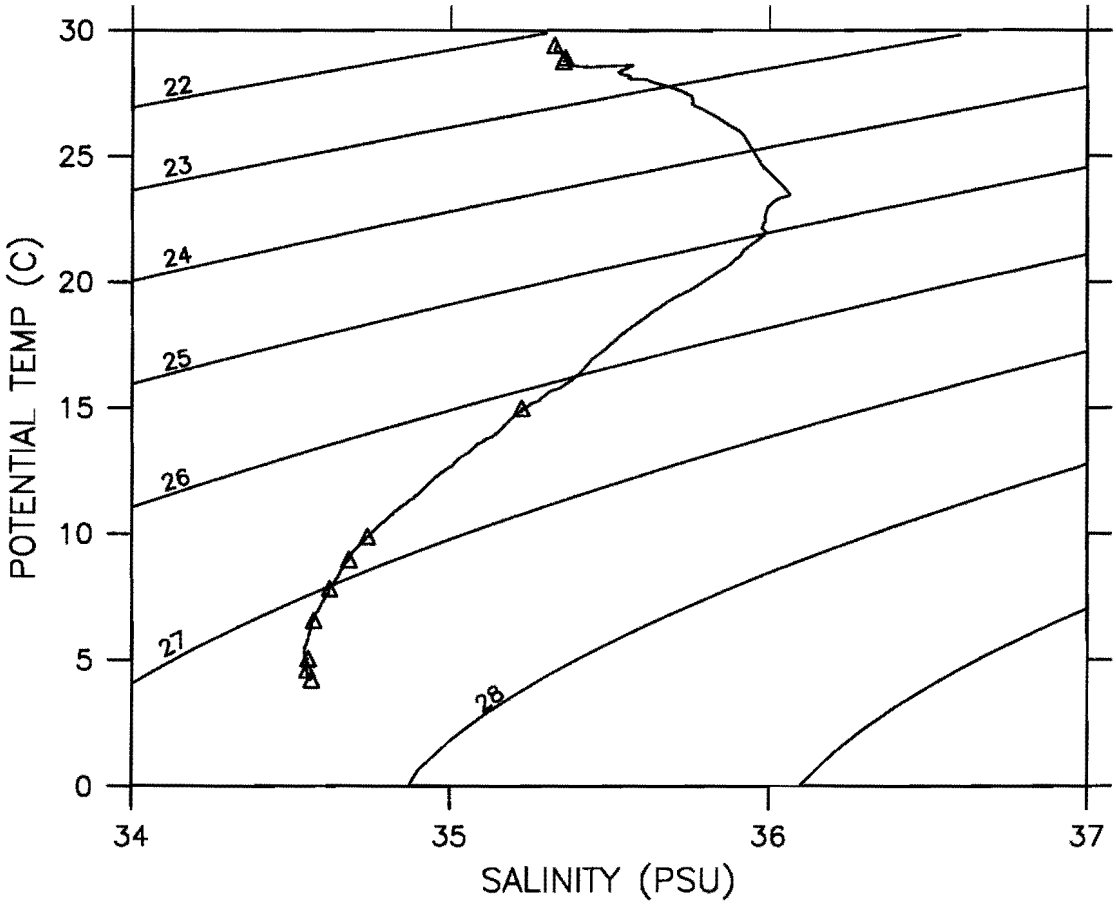


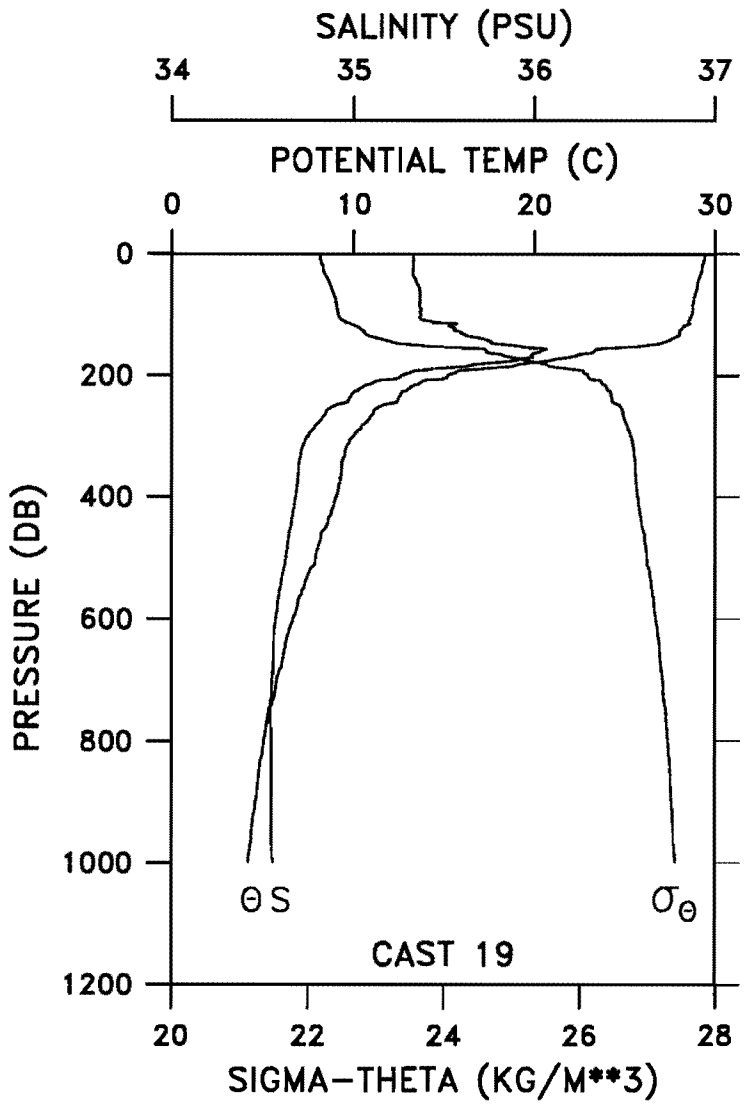
CAST TG1-94-DI -018 DATE 31 MAY 94 TIME 0820 GMT
LAT 02 10.3S LONG 170 03.6W WEATHER 1 SEA STATE 1
BAROMETER 08 WIND DIR 110 T SPD 08 KT VISIBILITY 7
CLOUD 8 AMOUNT 4 DRY 28.5 WET 24.7 DEPTH 4975 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
38	28.924	35.340	22.347	0.000
39	28.917	35.338	22.348	0.005
40	28.893	35.337	22.355	0.011
41	28.855	35.340	22.370	0.016
42	28.818	35.341	22.383	0.022
50	28.736	35.357	22.423	0.065
60	28.708	35.377	22.447	0.120
70	28.672	35.381	22.462	0.174
80	28.628	35.399	22.490	0.228
90	28.559	35.401	22.514	0.281
100	28.346	35.372	22.563	0.335
110	28.183	35.376	22.620	0.388
120	27.981	35.461	22.749	0.440
130	27.555	35.460	22.887	0.491
140	27.206	35.686	23.170	0.540
150	26.261	35.887	23.623	0.586
160	24.529	35.975	24.223	0.626
170	23.087	35.922	24.610	0.663
180	19.999	35.754	25.339	0.694
190	17.532	35.514	25.782	0.719
200	15.359	35.275	26.105	0.740
250	12.329	34.954	26.490	0.826
300	10.719	34.792	26.664	0.902
350	10.053	34.747	26.746	0.972
400	9.292	34.694	26.831	1.038
450	8.814	34.668	26.888	1.102
500	8.167	34.639	26.966	1.162
550	7.386	34.595	27.045	1.219
600	6.738	34.570	27.116	1.272
650	6.547	34.566	27.138	1.323
700	6.083	34.550	27.187	1.373
750	5.706	34.546	27.231	1.422
800	5.286	34.541	27.278	1.467
900	4.662	34.545	27.353	1.553
1000	4.210	34.553	27.409	1.632
1008	4.194	34.554	27.411	1.638

CAST TG1-94-DI -019 DATE 01 JUN 94 TIME 0359 GMT

LAT 03 00.0S LONG 170 00.2W



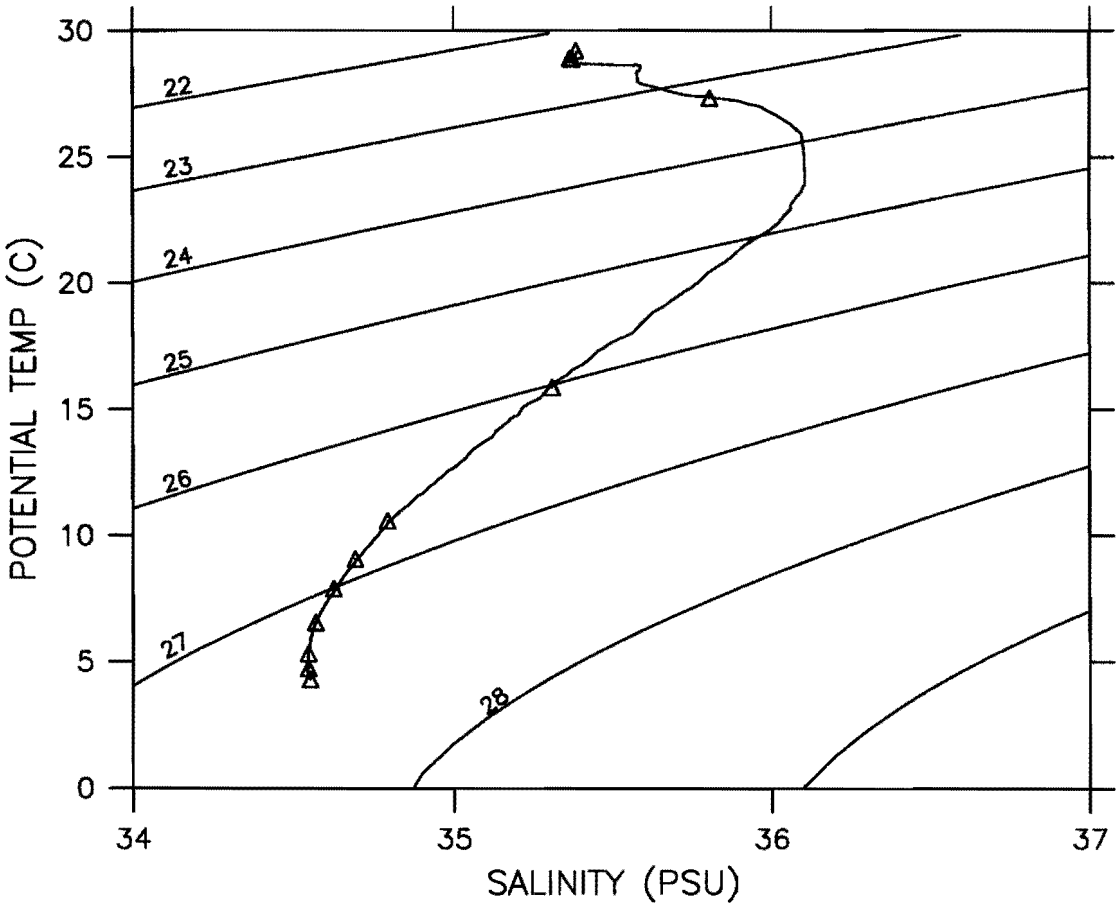


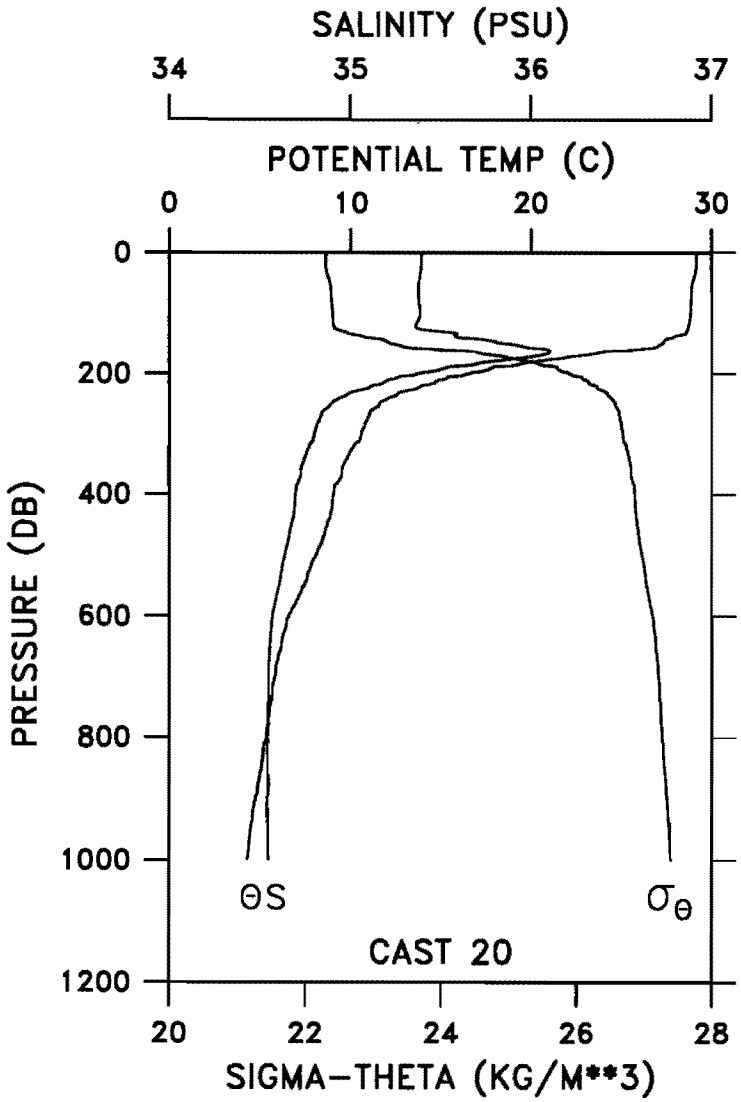
CAST TG1-94-DI -019 DATE 01 JUN 94 TIME 0359 GMT
LAT 03 00.0S LONG 170 00.2W WEATHER 1 SEA STATE 3
BAROMETER 06 WIND DIR 055 T SPD 12 KT VISIBILITY 9
CLOUD 8 AMOUNT 1 DRY 31.0 WET 24.9 DEPTH 5077 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.412	35.331	22.176	0.000
10	29.402	35.331	22.180	0.056
20	29.295	35.328	22.214	0.113
30	29.243	35.325	22.229	0.169
40	29.124	35.339	22.279	0.225
50	29.041	35.353	22.318	0.280
60	28.969	35.365	22.351	0.335
70	28.869	35.368	22.387	0.390
80	28.808	35.366	22.406	0.445
90	28.766	35.371	22.423	0.500
100	28.721	35.372	22.439	0.554
110	28.559	35.404	22.517	0.608
120	28.233	35.544	22.730	0.661
130	28.055	35.596	22.827	0.712
140	27.591	35.721	23.073	0.762
150	26.274	35.869	23.606	0.809
160	23.329	36.032	24.622	0.846
170	21.899	35.989	24.999	0.878
180	19.494	35.720	25.445	0.906
190	16.486	35.414	25.954	0.930
200	15.233	35.265	26.125	0.950
250	11.529	34.892	26.595	1.034
300	9.986	34.749	26.759	1.105
350	9.352	34.699	26.826	1.170
400	9.051	34.682	26.862	1.234
450	8.489	34.654	26.928	1.296
500	7.910	34.626	26.994	1.354
550	7.249	34.595	27.065	1.410
600	6.677	34.571	27.125	1.462
650	6.190	34.560	27.181	1.512
700	5.775	34.551	27.227	1.560
750	5.319	34.541	27.274	1.606
800	5.052	34.546	27.309	1.649
900	4.601	34.547	27.362	1.732
1000	4.196	34.555	27.412	1.811
1003	4.197	34.554	27.411	1.813

CAST TG1-94-DI -020 DATE 01 JUN 94 TIME 0902 GMT

LAT 04 00.0S LONG 170 00.0W



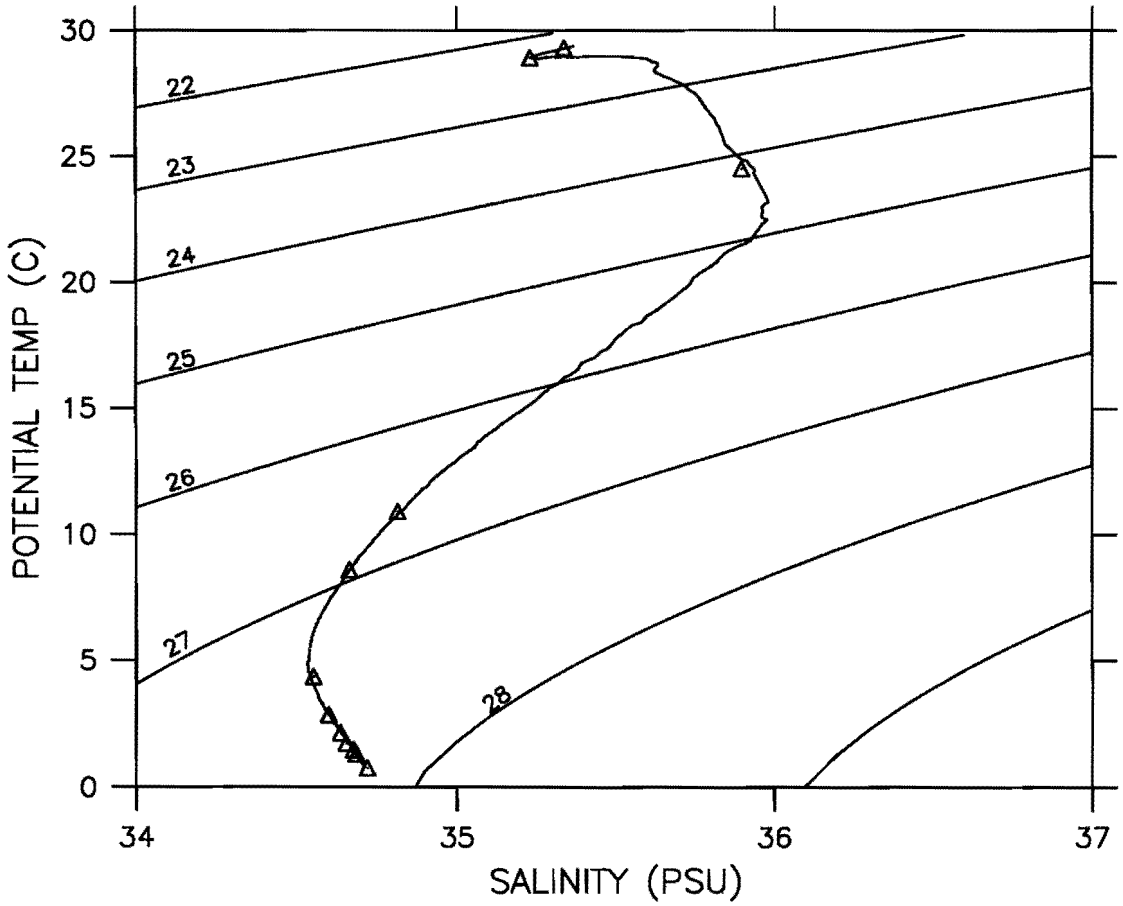


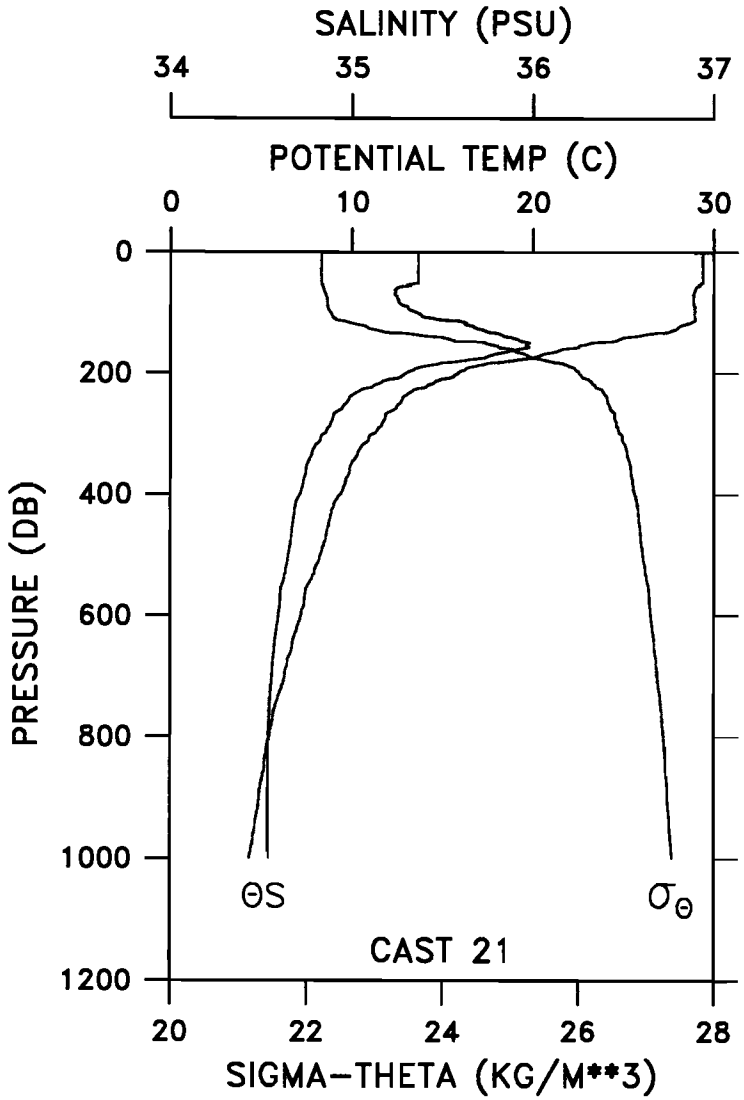
CAST TG1-94-DI -020 DATE 01 JUN 94 TIME 0902 GMT
LAT 04 00.0S LONG 170 00.0W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 050 T SPD 07 KT VISIBILITY 8
CLOUD 8 AMOUNT 3 DRY 29.0 WET 25.4 DEPTH 5728 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.170	35.394	22.305	0.000
10	29.171	35.392	22.304	0.055
20	29.169	35.392	22.304	0.111
30	29.134	35.388	22.313	0.166
40	29.065	35.384	22.333	0.221
50	28.960	35.378	22.364	0.276
60	28.909	35.376	22.380	0.331
70	28.896	35.376	22.384	0.386
80	28.881	35.378	22.390	0.440
90	28.871	35.382	22.397	0.495
100	28.854	35.385	22.404	0.550
110	28.821	35.379	22.411	0.605
120	28.747	35.360	22.421	0.659
130	28.632	35.482	22.551	0.714
140	27.880	35.592	22.881	0.766
150	27.308	35.831	23.247	0.814
160	25.896	36.094	23.893	0.859
170	22.649	36.039	24.825	0.894
180	20.090	35.774	25.330	0.923
190	17.836	35.529	25.719	0.949
200	16.555	35.371	25.906	0.971
250	11.610	34.892	26.580	1.059
300	10.600	34.802	26.693	1.132
350	9.650	34.737	26.806	1.200
400	9.076	34.698	26.869	1.264
450	8.743	34.676	26.906	1.326
500	8.115	34.640	26.974	1.386
550	7.467	34.606	27.043	1.443
600	6.626	34.570	27.131	1.496
650	6.177	34.555	27.178	1.545
700	5.832	34.550	27.218	1.593
750	5.561	34.548	27.250	1.639
800	5.347	34.542	27.272	1.685
900	4.749	34.542	27.341	1.771
1000	4.298	34.548	27.395	1.851
1003	4.285	34.548	27.397	1.853

CAST TG1-94-DI -021 DATE 01 JUN 94 TIME 1511 GMT

LAT 04 56.1S LONG 170 01.3W



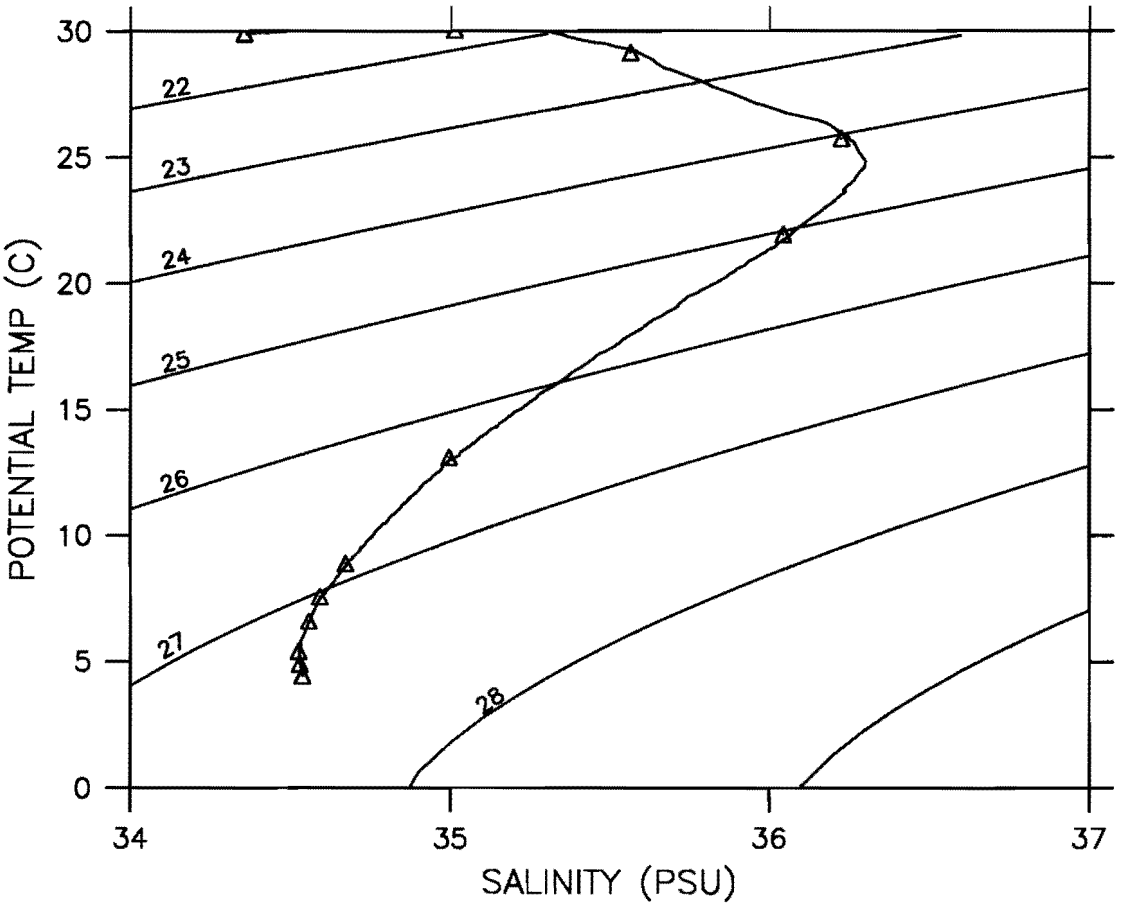


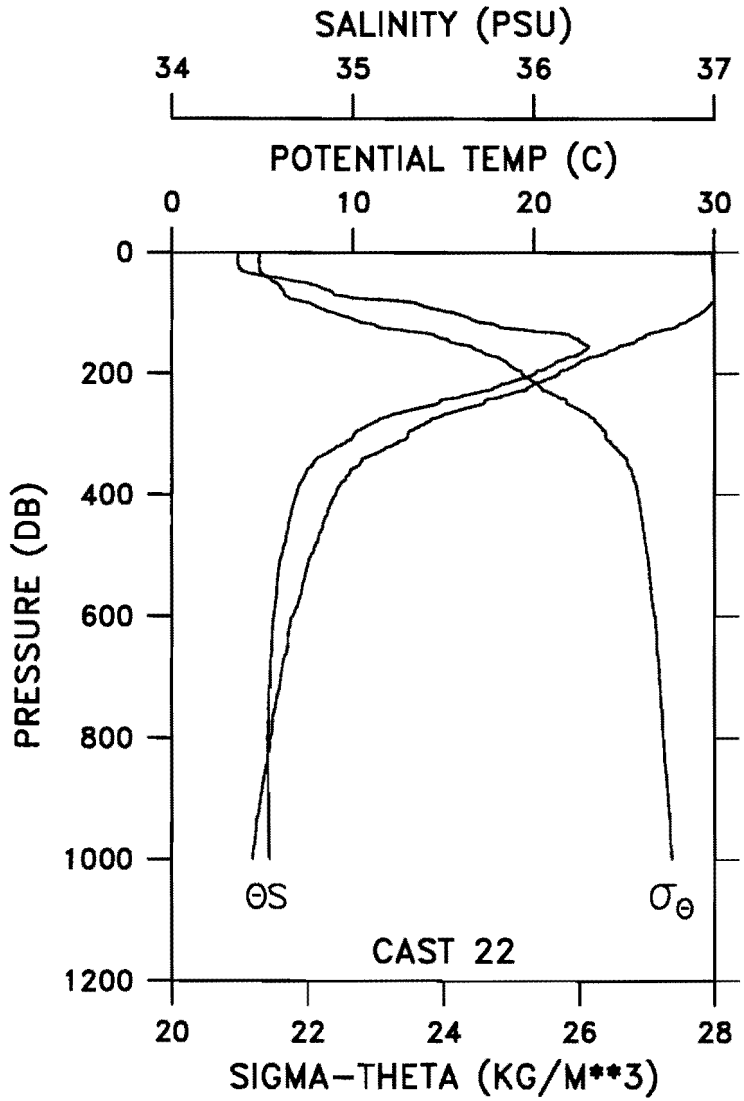
CAST TG1-94-DI -021 DATE 01 JUN 94 TIME 1511 GMT
LAT 04 56.1S LONG 170 01.3W WEATHER 1 SEA STATE 7
BAROMETER 08 WIND DIR 040 T SPD 11 KT VISIBILITY 8
CLOUD 8 AMOUNT 1 DRY 28.3 WET 24.8 DEPTH 5379 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.381	35.367	22.214	0.000
10	29.373	35.366	22.216	0.056
20	29.375	35.367	22.216	0.112
30	29.385	35.366	22.212	0.168
40	29.378	35.364	22.213	0.225
50	29.382	35.367	22.213	0.281
60	28.999	35.242	22.249	0.337
70	28.886	35.237	22.282	0.393
80	28.872	35.255	22.300	0.449
90	28.965	35.308	22.309	0.504
100	28.938	35.362	22.359	0.560
110	28.973	35.460	22.421	0.615
120	28.229	35.642	22.804	0.668
130	27.572	35.741	23.093	0.717
140	25.042	35.883	23.998	0.762
150	23.112	35.971	24.639	0.799
160	21.541	35.907	25.037	0.831
170	20.361	35.761	25.248	0.860
180	18.426	35.578	25.610	0.886
190	16.446	35.369	25.929	0.909
200	15.843	35.293	26.010	0.930
250	12.597	34.966	26.448	1.020
300	11.111	34.843	26.634	1.097
350	9.965	34.754	26.766	1.168
400	9.341	34.713	26.838	1.234
450	8.719	34.675	26.908	1.296
500	8.261	34.648	26.959	1.357
550	7.553	34.612	27.035	1.414
600	7.192	34.594	27.072	1.469
650	6.701	34.572	27.122	1.522
700	6.288	34.557	27.166	1.573
750	5.770	34.545	27.222	1.621
800	5.434	34.540	27.259	1.667
900	4.894	34.534	27.318	1.755
1000	4.350	34.542	27.385	1.837
1500	2.822	34.602	27.584	2.179
2000	2.118	34.639	27.673	2.455
2500	1.722	34.661	27.722	2.705
3000	1.473	34.677	27.753	2.939
3500	1.257	34.688	27.777	3.163
4000	1.082	34.697	27.796	3.379
4500	0.936	34.704	27.812	3.589
5000	0.766	34.711	27.829	3.792
5462	0.762	34.712	27.830	3.983

CAST TG1-94-DI -022 DATE 02 JUN 94 TIME 0950 GMT

LAT 08 00.6S LONG 170 02.8W



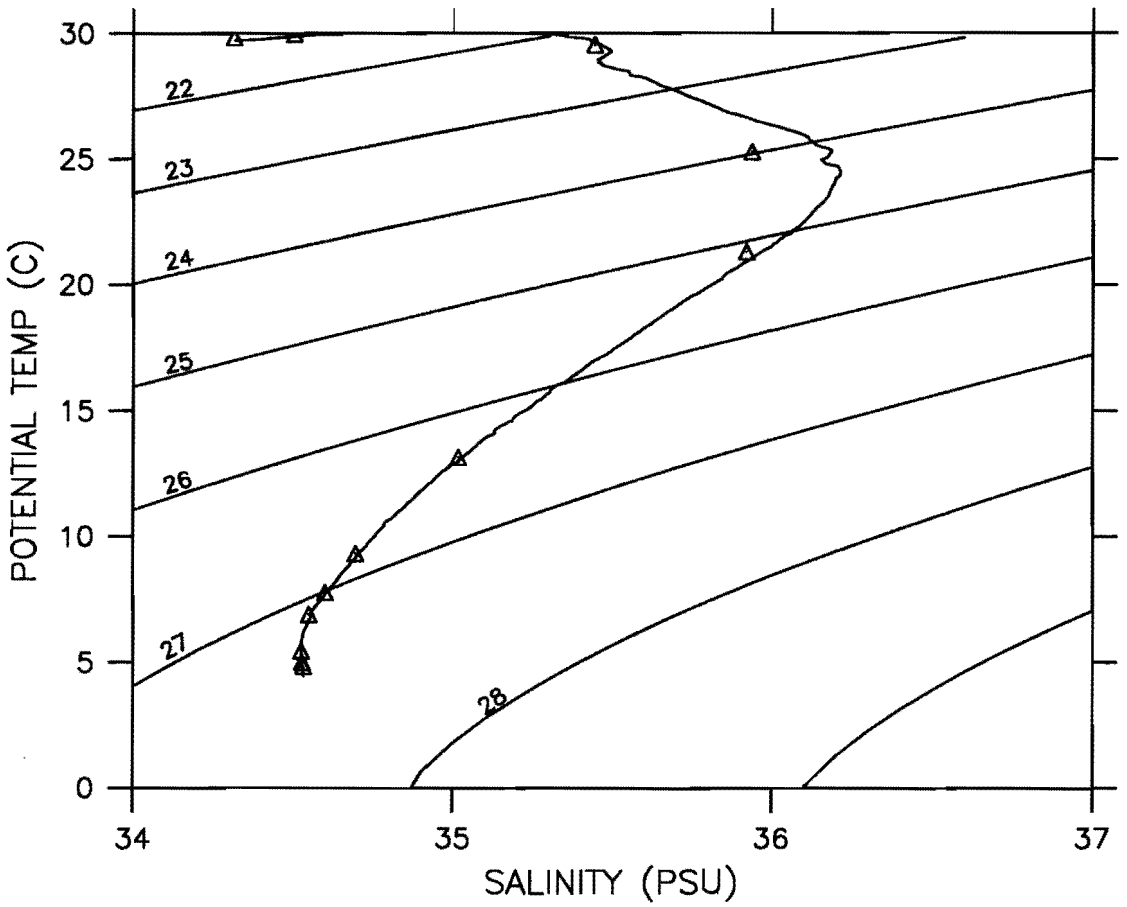


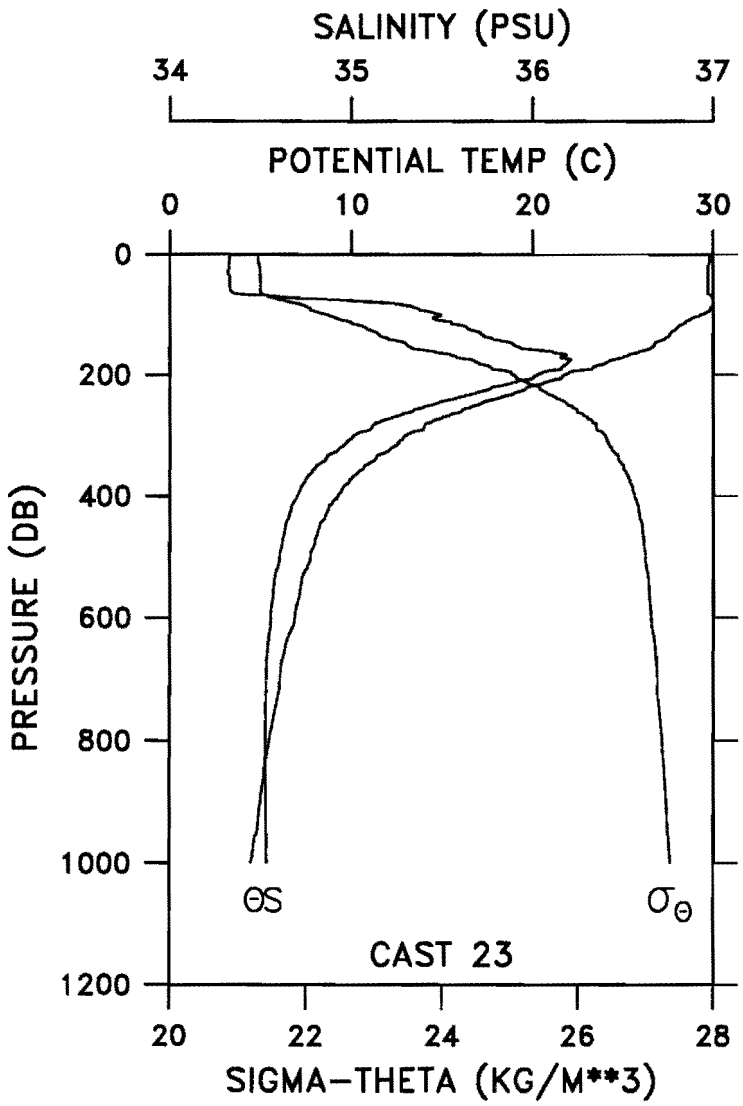
CAST TG1-94-DI -022 DATE 02 JUN 94 TIME 0950 GMT
LAT 08 00.6S LONG 170 02.8W WEATHER 1 SEA STATE 4
BAROMETER 10 WIND DIR 040 T SPD 07 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 29.0 WET 24.8 DEPTH 5350 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.902	34.365	21.286	0.000
10	29.906	34.362	21.282	0.065
20	29.907	34.365	21.284	0.130
30	29.923	34.383	21.292	0.195
40	29.998	34.545	21.388	0.260
50	29.992	34.750	21.544	0.323
60	29.989	34.844	21.615	0.386
70	30.001	34.904	21.656	0.448
80	30.058	35.260	21.904	0.508
90	29.659	35.402	22.146	0.566
100	29.254	35.567	22.407	0.622
110	28.662	35.655	22.671	0.676
120	27.984	35.790	22.997	0.727
130	26.958	36.006	23.491	0.774
140	26.051	36.215	23.937	0.816
150	25.397	36.274	24.185	0.855
160	24.500	36.293	24.472	0.891
170	23.631	36.241	24.692	0.925
180	22.557	36.129	24.919	0.957
190	22.027	36.073	25.027	0.988
200	21.397	36.007	25.153	1.017
250	17.188	35.461	25.824	1.146
300	13.028	35.006	26.392	1.241
350	10.362	34.781	26.719	1.319
400	9.045	34.688	26.867	1.384
450	8.344	34.643	26.942	1.445
500	7.674	34.604	27.012	1.503
550	7.206	34.579	27.059	1.559
600	6.638	34.561	27.123	1.612
650	6.378	34.551	27.149	1.663
700	6.023	34.541	27.187	1.712
750	5.690	34.530	27.220	1.760
800	5.396	34.526	27.253	1.806
900	4.890	34.530	27.316	1.895
1000	4.437	34.537	27.372	1.977
1003	4.427	34.538	27.373	1.980

CAST TG1-94-DI -023 DATE 04 JUN 94 TIME 0202 GMT

LAT 07 59.8S LONG 179 57.3W



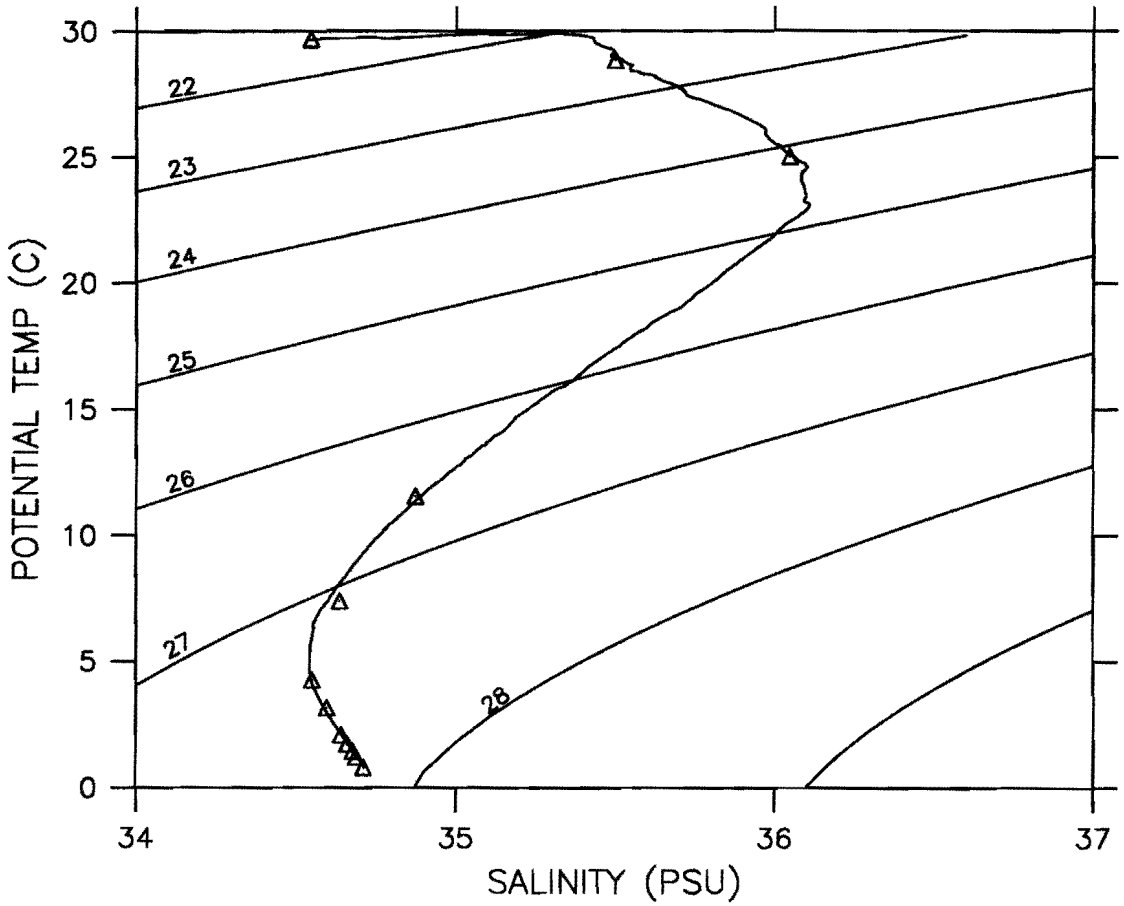


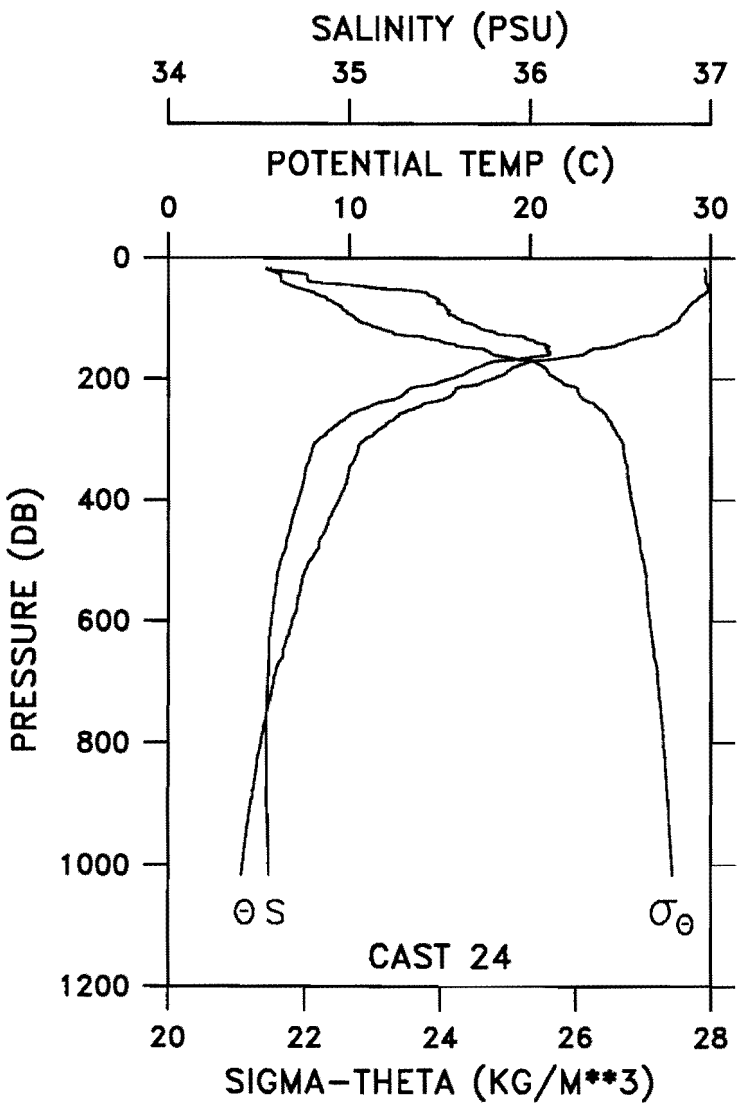
CAST TG1-94-DI -023 DATE 04 JUN 94 TIME 0202 GMT
LAT 07 59.8S LONG 179 57.3W WEATHER 1 SEA STATE 4
BAROMETER 07 WIND DIR 035 T SPD 13 KT VISIBILITY 8
CLOUD 8 AMOUNT 1 DRY 31.9 WET 26.2 DEPTH 5541 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.816	34.329	21.288	0.000
10	29.814	34.326	21.287	0.065
20	29.743	34.323	21.309	0.130
30	29.710	34.318	21.316	0.195
40	29.721	34.327	21.319	0.260
50	29.714	34.326	21.321	0.324
60	29.719	34.333	21.324	0.389
70	29.950	34.596	21.443	0.454
80	30.131	35.188	21.825	0.516
90	29.832	35.368	22.062	0.575
100	29.300	35.494	22.337	0.632
110	28.572	35.509	22.591	0.686
120	28.052	35.631	22.854	0.738
130	27.631	35.714	23.054	0.787
140	27.301	35.781	23.211	0.836
150	26.742	35.898	23.479	0.881
160	26.023	36.085	23.847	0.925
170	25.037	36.165	24.213	0.964
180	24.055	36.195	24.532	1.000
190	23.258	36.157	24.738	1.033
200	21.740	36.019	25.067	1.064
250	16.881	35.426	25.870	1.193
300	12.948	35.013	26.414	1.290
350	10.705	34.806	26.678	1.368
400	9.235	34.700	26.846	1.436
450	8.245	34.636	26.952	1.497
500	7.753	34.604	27.000	1.555
550	7.197	34.570	27.053	1.611
600	6.865	34.555	27.087	1.665
650	6.339	34.538	27.144	1.717
700	6.044	34.530	27.176	1.766
750	5.786	34.525	27.204	1.815
800	5.454	34.525	27.245	1.862
900	4.990	34.529	27.303	1.951
1000	4.458	34.533	27.366	2.035
1002	4.444	34.534	27.368	2.037

CAST TG1-94-DI -024 DATE 04 JUN 94 TIME 1623 GMT

LAT 05 03.2S LONG 179 54.2W



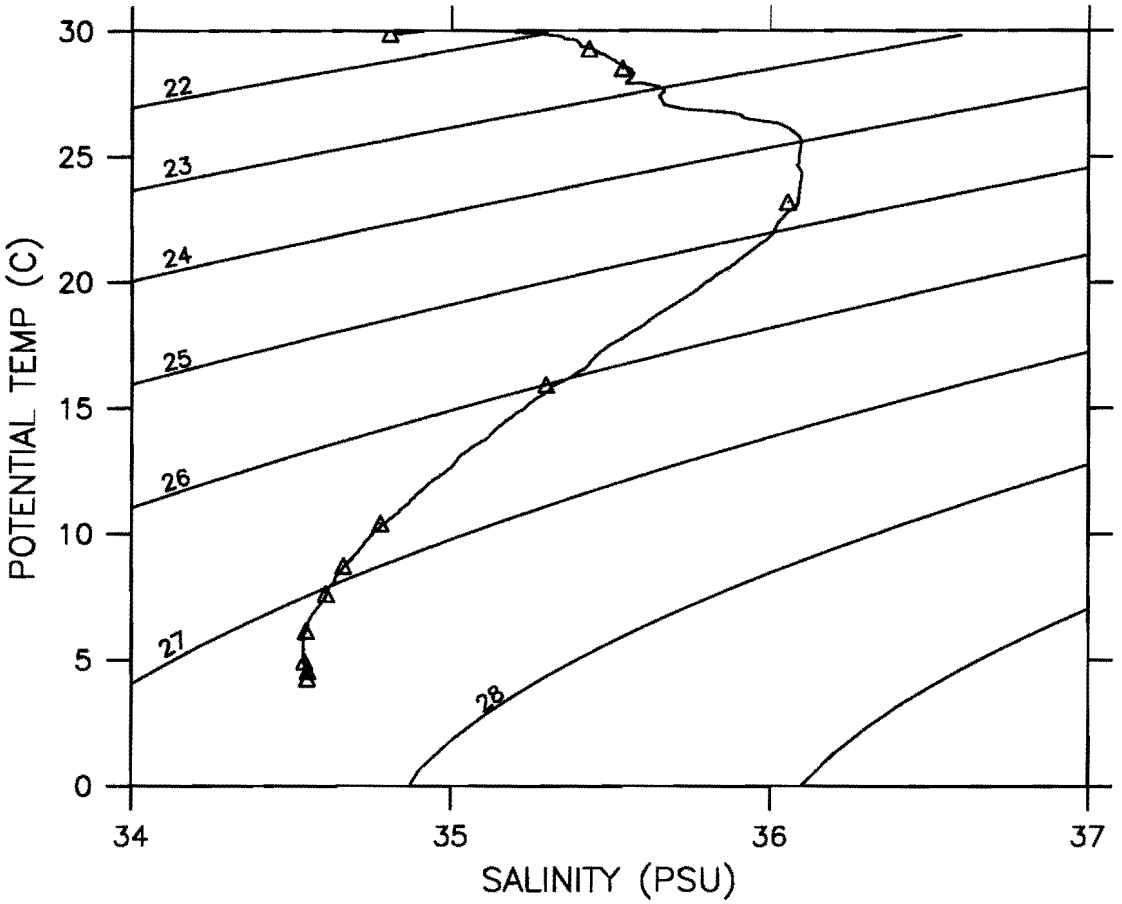


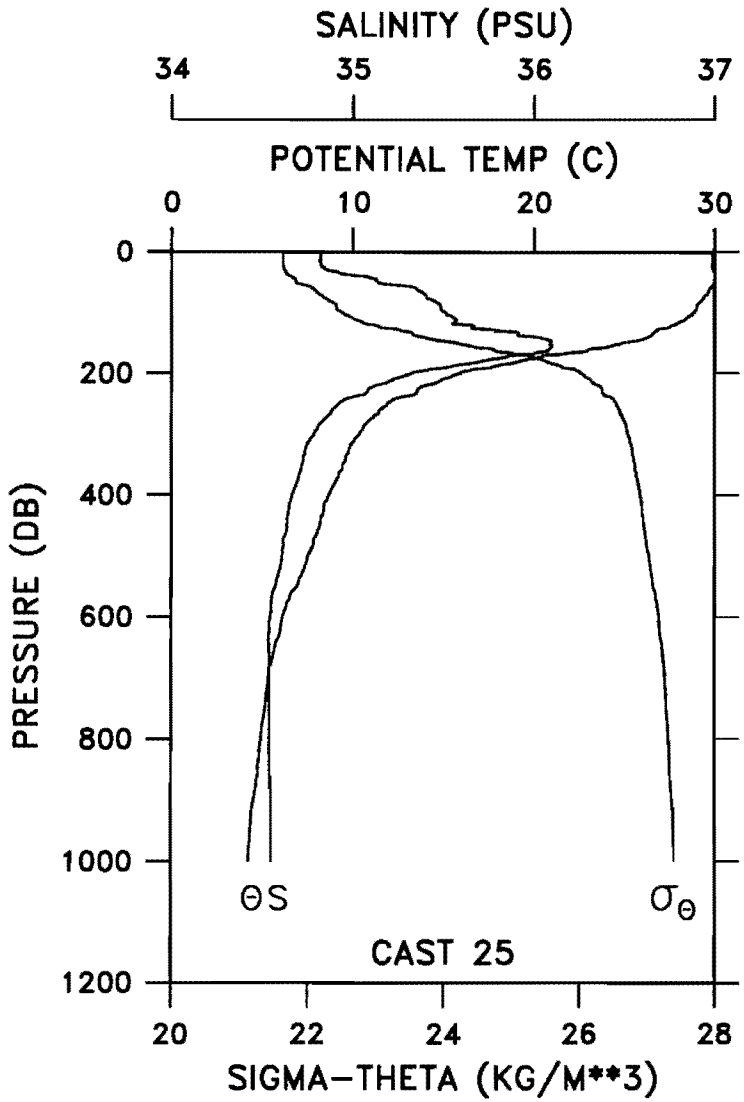
CAST TG1-94-DI -024 DATE 04 JUN 94 TIME 1623 GMT
LAT 05 03.2S LONG 179 54.2W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 090 T SPD 12 KT VISIBILITY 8
CLOUD 8 AMOUNT 1 DRY 29.6 WET 25.0 DEPTH 5694 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
17	29.664	34.541	21.499	0.000
18	29.666	34.542	21.499	0.006
20	29.678	34.553	21.503	0.019
30	29.725	34.764	21.645	0.081
40	29.732	34.823	21.687	0.143
50	29.842	35.166	21.907	0.203
60	29.612	35.431	22.184	0.261
70	29.169	35.497	22.383	0.316
80	28.778	35.528	22.537	0.370
90	28.533	35.544	22.631	0.423
100	28.286	35.600	22.754	0.475
110	27.840	35.688	22.967	0.526
120	27.275	35.767	23.209	0.574
130	26.092	35.972	23.740	0.620
140	25.185	36.037	24.070	0.660
150	23.455	36.099	24.637	0.697
160	22.883	36.098	24.802	0.730
170	20.116	35.816	25.355	0.759
180	19.154	35.716	25.530	0.785
190	18.661	35.646	25.602	0.810
200	17.846	35.549	25.731	0.834
250	13.425	35.070	26.361	0.934
300	10.824	34.828	26.674	1.013
350	9.959	34.756	26.769	1.082
400	9.405	34.716	26.831	1.148
450	8.651	34.669	26.915	1.211
500	7.820	34.618	27.001	1.270
550	7.270	34.590	27.058	1.325
600	6.812	34.565	27.103	1.379
650	6.332	34.554	27.157	1.430
700	5.807	34.545	27.218	1.478
750	5.424	34.541	27.262	1.524
800	5.089	34.539	27.300	1.568
900	4.511	34.542	27.367	1.651
1000	4.065	34.551	27.423	1.729
1500	2.750	34.606	27.593	2.057
2000	2.111	34.641	27.675	2.334
2500	1.715	34.662	27.723	2.582
3000	1.410	34.679	27.759	2.813
3500	1.221	34.690	27.781	3.032
4000	1.082	34.697	27.797	3.247
4500	0.921	34.707	27.815	3.458
5000	0.808	34.711	27.826	3.663
5848	0.799	34.712	27.827	4.027

CAST TG1-94-DI -025 DATE 05 JUN 94 TIME 1340 GMT

LAT 04 00.0S LONG 179 59.9W



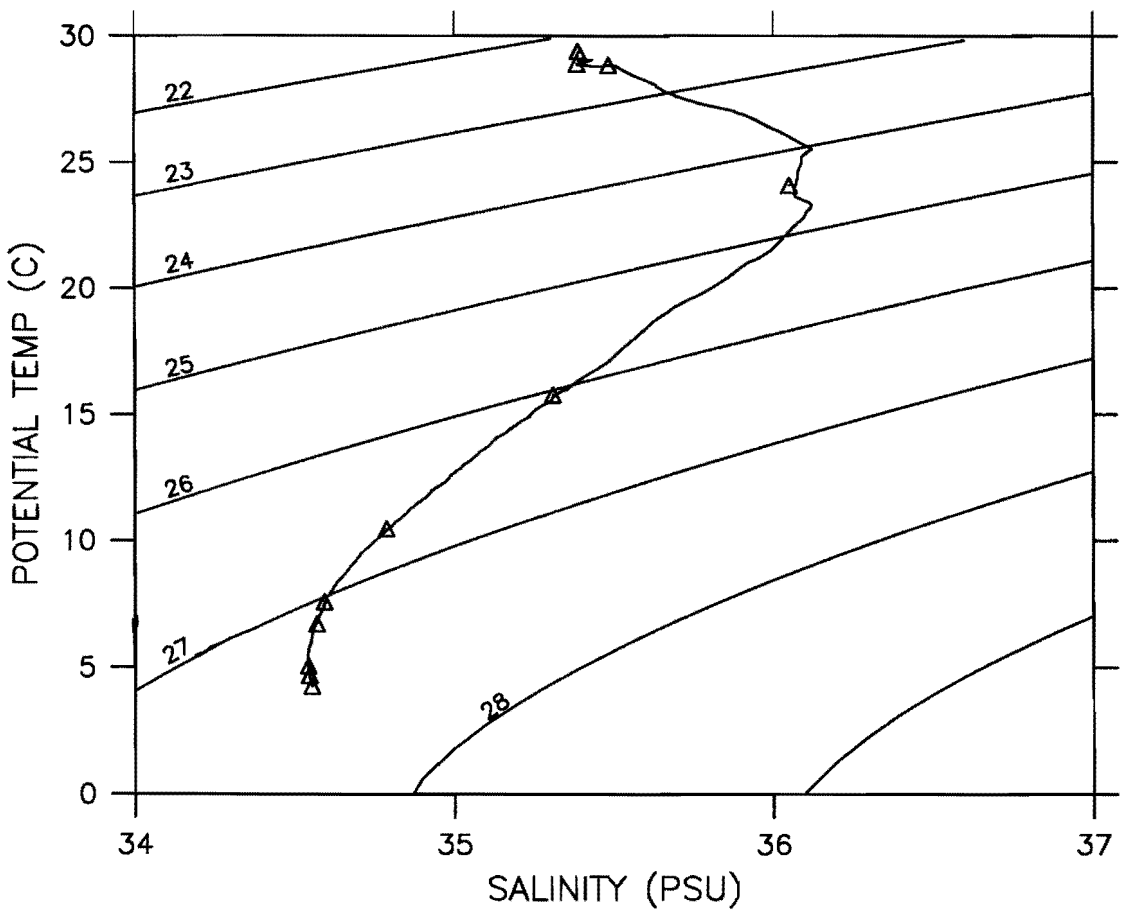


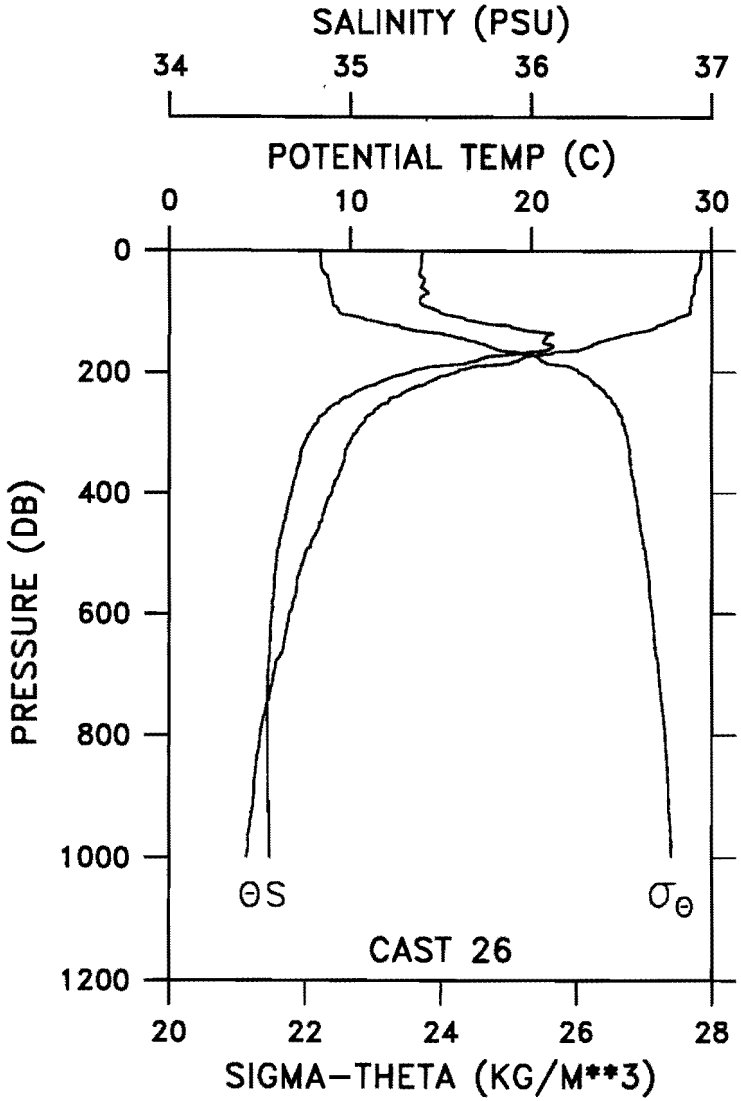
CAST TG1-94-DI -025 DATE 05 JUN 94 TIME 1340 GMT
LAT 04 00.0S LONG 179 59.9W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 150 T SPD 04 KT VISIBILITY 8
CLOUD 9 AMOUNT 2 DRY 28.6 WET 25.9 DEPTH 5736 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.889	34.821	21.633	0.000
10	29.888	34.819	21.631	0.062
20	29.894	34.822	21.632	0.123
30	29.916	34.861	21.653	0.185
40	30.087	35.072	21.753	0.246
50	30.022	35.140	21.826	0.307
60	29.743	35.351	22.079	0.365
70	29.564	35.399	22.176	0.423
80	29.264	35.449	22.315	0.479
90	29.017	35.484	22.424	0.534
100	28.816	35.514	22.514	0.588
110	28.443	35.566	22.677	0.641
120	27.774	35.651	22.960	0.692
130	26.799	35.813	23.396	0.740
140	26.317	36.026	23.710	0.783
150	24.877	36.088	24.203	0.824
160	23.078	36.085	24.736	0.859
170	20.578	35.874	25.275	0.890
180	19.162	35.704	25.519	0.917
190	17.607	35.514	25.764	0.941
200	15.897	35.319	26.018	0.962
250	11.892	34.924	26.551	1.051
300	10.367	34.785	26.722	1.123
350	9.440	34.717	26.825	1.190
400	8.675	34.665	26.907	1.253
450	8.175	34.636	26.962	1.312
500	7.525	34.608	27.036	1.369
550	6.923	34.572	27.093	1.423
600	6.119	34.543	27.177	1.473
650	5.694	34.536	27.225	1.521
700	5.330	34.536	27.269	1.566
750	5.145	34.537	27.292	1.609
800	4.928	34.538	27.317	1.652
900	4.527	34.545	27.368	1.734
1000	4.252	34.550	27.402	1.812
1004	4.249	34.551	27.403	1.816

CAST TG1-94-DI -026 DATE 05 JUN 94 TIME 1914 GMT

LAT 03 00.0S LONG 179 59.9E



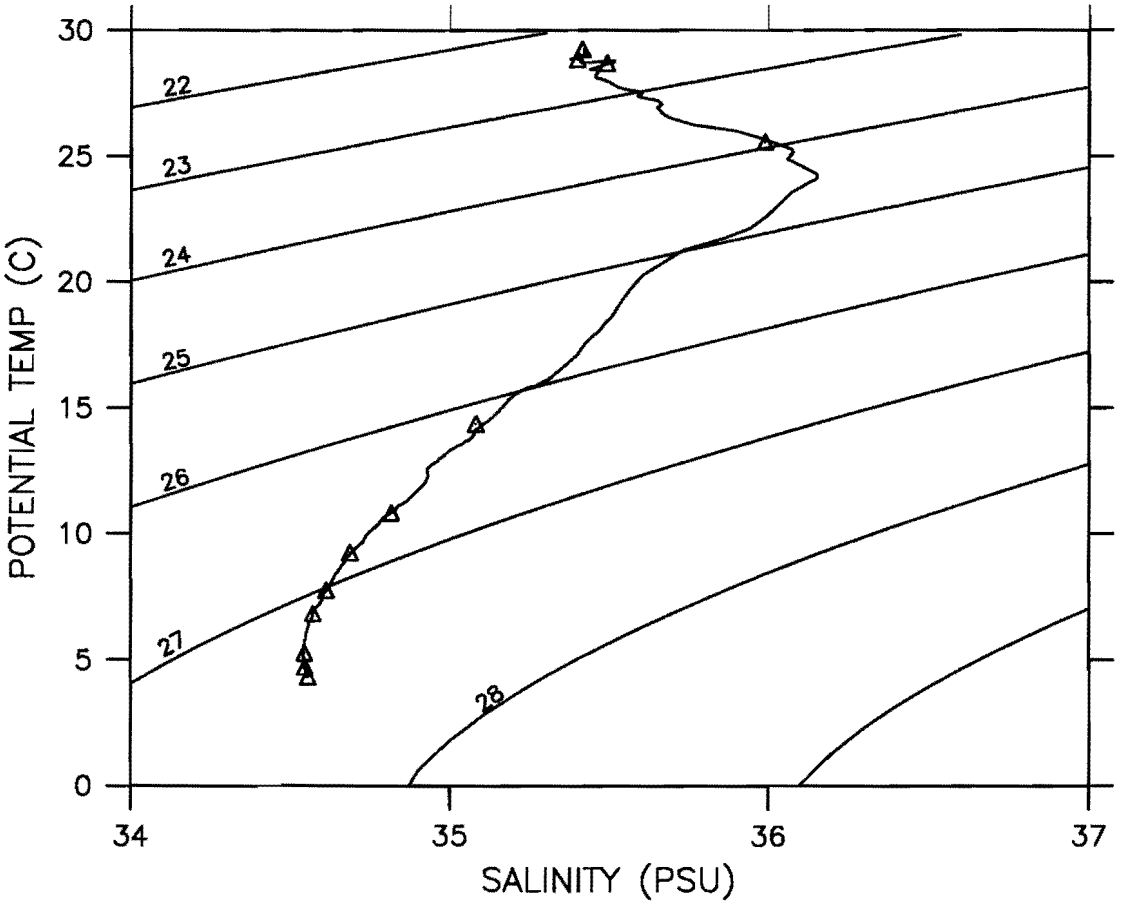


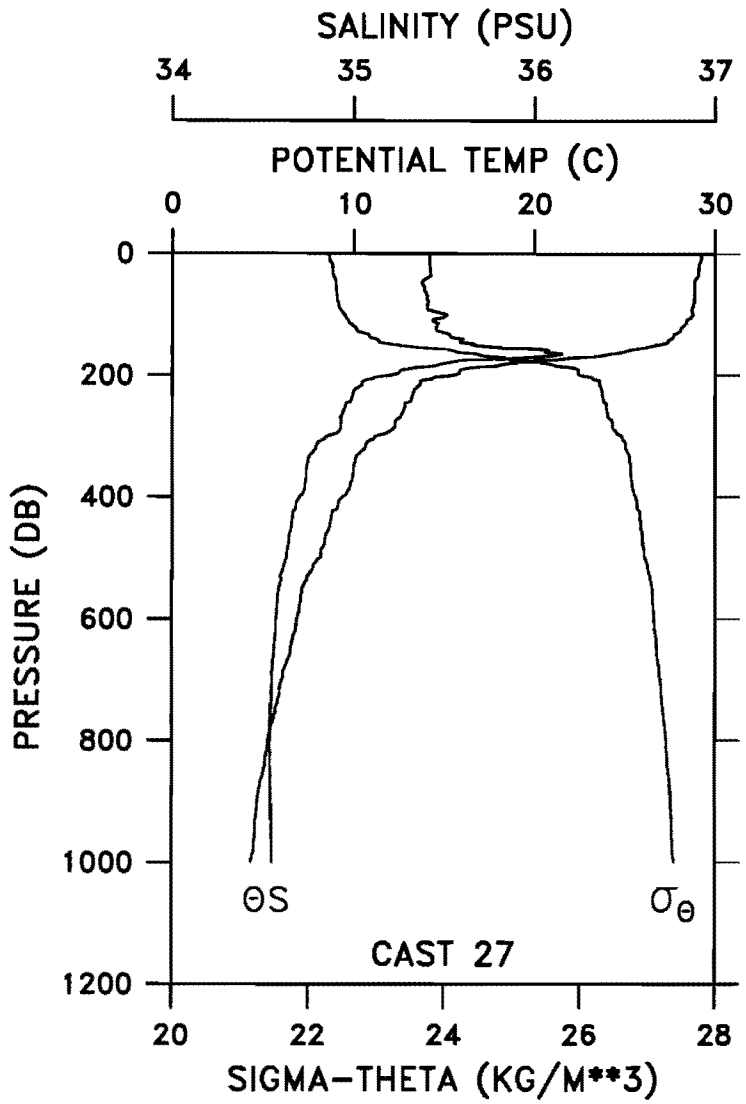
CAST TG1-94-DI -026 DATE 05 JUN 94 TIME 1914 GMT
LAT 03 00.0S LONG 179 59.9E WEATHER 6 SEA STATE 2
BAROMETER 09 WIND DIR 110 T SPD 05 KT VISIBILITY 7
CLOUD 8 AMOUNT 6 DRY 27.6 WET 25.5 DEPTH 5079 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.414	35.398	22.226	0.000
10	29.399	35.393	22.228	0.056
20	29.392	35.392	22.229	0.112
30	29.343	35.389	22.243	0.168
40	29.106	35.387	22.322	0.224
50	29.072	35.408	22.348	0.279
60	29.018	35.393	22.356	0.334
70	29.022	35.425	22.378	0.389
80	28.859	35.385	22.403	0.443
90	28.833	35.409	22.429	0.498
100	28.821	35.495	22.498	0.552
110	28.057	35.631	22.853	0.605
120	27.348	35.763	23.183	0.654
130	26.551	35.964	23.589	0.699
140	24.945	36.088	24.183	0.739
150	23.719	36.069	24.536	0.775
160	22.941	36.103	24.789	0.809
170	20.795	35.896	25.234	0.839
180	19.333	35.703	25.474	0.865
190	16.791	35.444	25.906	0.889
200	15.817	35.321	26.037	0.910
250	12.069	34.939	26.529	0.997
300	10.274	34.776	26.730	1.070
350	9.611	34.718	26.798	1.136
400	8.960	34.674	26.870	1.201
450	8.301	34.631	26.939	1.262
500	7.527	34.595	27.025	1.320
550	7.047	34.579	27.081	1.374
600	6.628	34.564	27.126	1.427
650	6.320	34.556	27.161	1.477
700	5.749	34.544	27.224	1.525
750	5.381	34.542	27.268	1.571
800	5.001	34.543	27.313	1.615
900	4.649	34.546	27.355	1.697
1000	4.254	34.554	27.405	1.776
1004	4.243	34.555	27.406	1.780

CAST TG1-94-DI -027 DATE 06 JUN 94 TIME 0657 GMT

LAT 02 02.0S LONG 179 54.9W



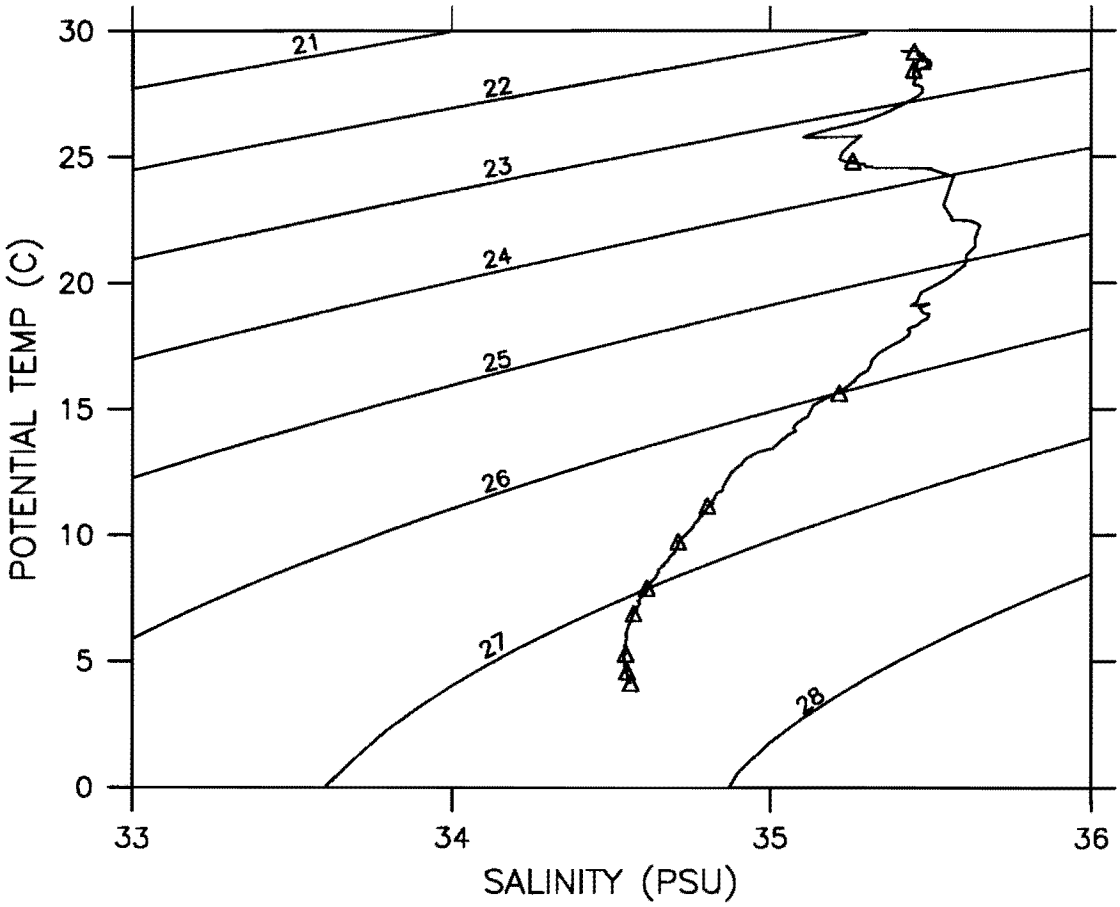


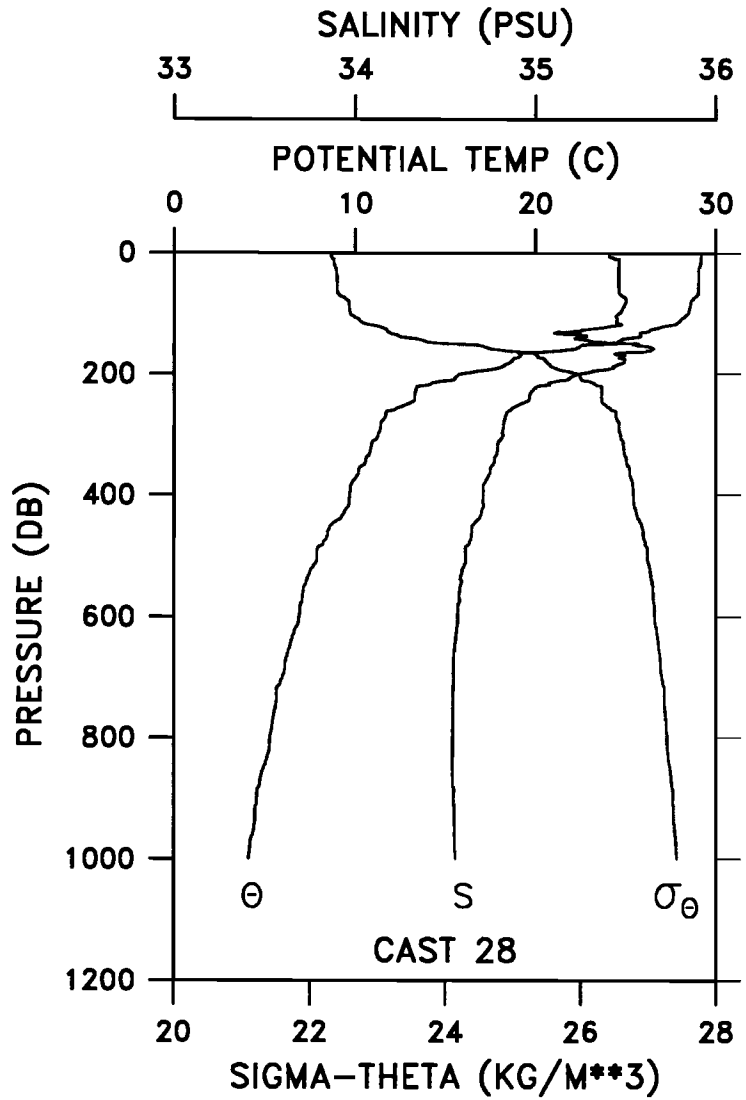
CAST TG1-94-DI -027 DATE 06 JUN 94 TIME 0657 GMT
LAT 02 02.0S LONG 179 54.9W WEATHER 1 SEA STATE 3
BAROMETER 08 WIND DIR 070 T SPD 15 KT VISIBILITY 8
CLOUD 8 AMOUNT 3 DRY 29.0 WET 25.1 DEPTH 5223 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.239	35.421	22.302	0.000
10	29.217	35.418	22.308	0.055
20	29.098	35.420	22.349	0.110
30	29.081	35.422	22.356	0.165
40	28.966	35.406	22.383	0.220
50	28.846	35.379	22.403	0.274
60	28.855	35.389	22.407	0.329
70	28.862	35.407	22.418	0.383
80	28.814	35.409	22.436	0.438
90	28.732	35.407	22.461	0.492
100	28.785	35.516	22.526	0.546
110	28.429	35.439	22.586	0.599
120	28.191	35.457	22.678	0.652
130	27.919	35.500	22.799	0.704
140	27.539	35.603	23.001	0.754
150	26.699	35.664	23.316	0.802
160	25.052	36.069	24.135	0.845
170	22.589	35.992	24.806	0.880
180	18.609	35.504	25.507	0.909
190	16.002	35.288	25.970	0.932
200	15.521	35.203	26.013	0.953
250	12.843	34.954	26.389	1.042
300	11.246	34.856	26.619	1.123
350	9.996	34.740	26.750	1.194
400	9.371	34.699	26.823	1.261
450	8.659	34.655	26.903	1.324
500	8.079	34.627	26.969	1.384
550	7.161	34.587	27.071	1.440
600	6.865	34.571	27.099	1.494
650	6.504	34.560	27.140	1.545
700	6.025	34.548	27.192	1.595
750	5.702	34.543	27.229	1.643
800	5.282	34.540	27.277	1.688
900	4.698	34.543	27.347	1.774
1000	4.331	34.550	27.393	1.854
1002	4.313	34.551	27.396	1.856

CAST TG1-94-DI -028 DATE 07 JUN 94 TIME 0442 GMT

LAT 01 00.3S LONG 179 51.9W



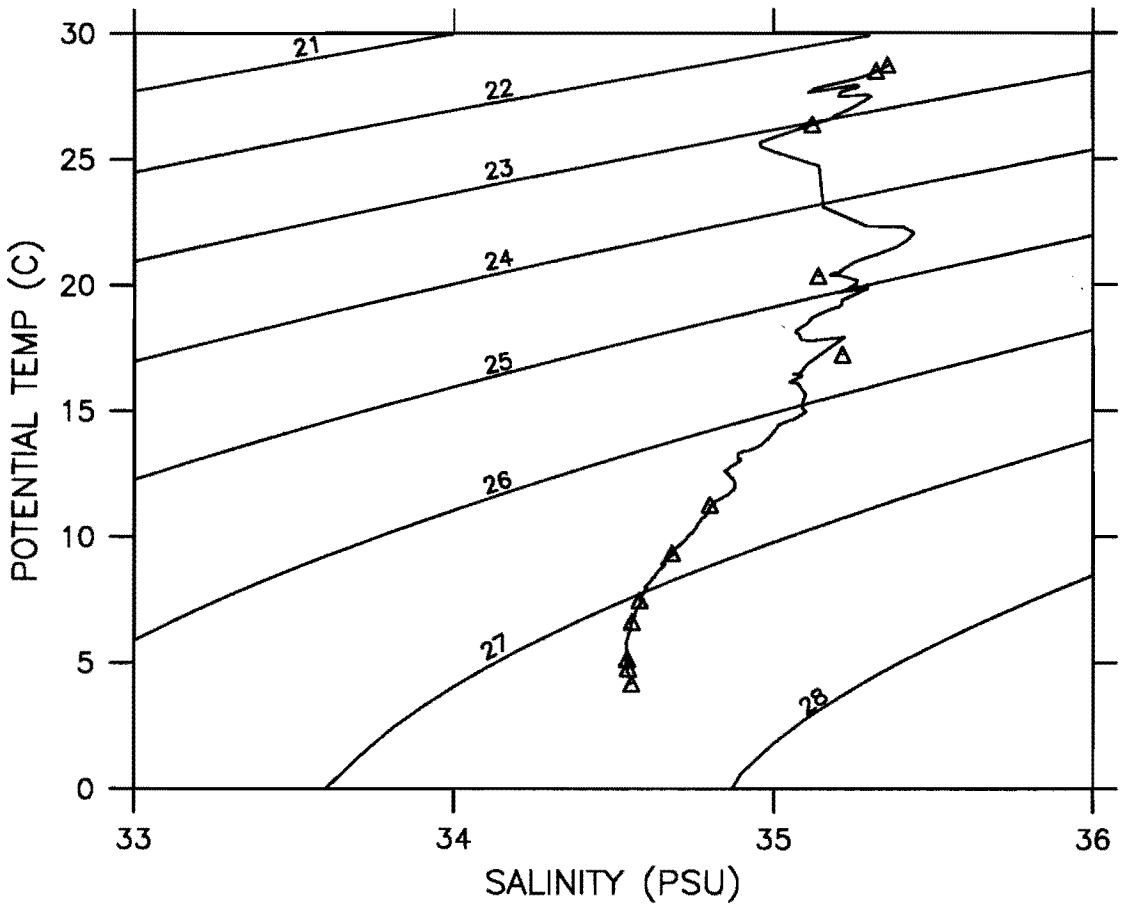


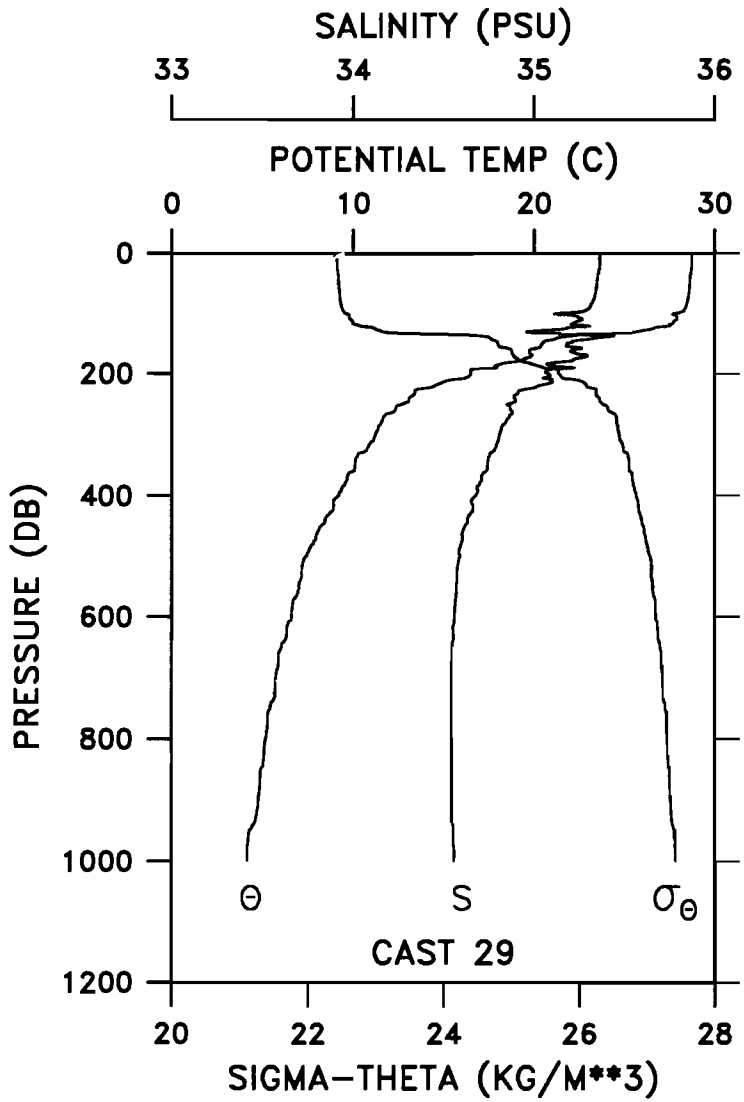
CAST TG1-94-DI -028 DATE 07 JUN 94 TIME 0442 GMT
LAT 01 00.3S LONG 179 51.9W WEATHER 1 SEA STATE 2
BAROMETER 07 WIND DIR 110 T SPD 15 KT VISIBILITY 8
CLOUD 8 AMOUNT 4 DRY 28.5 WET 26.0 DEPTH 1002 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.181	35.410	22.314	0.000
10	29.179	35.462	22.353	0.055
20	29.157	35.461	22.360	0.110
30	29.063	35.460	22.391	0.164
40	29.045	35.460	22.397	0.219
50	29.037	35.460	22.400	0.273
60	29.031	35.461	22.403	0.328
70	28.953	35.477	22.440	0.383
80	28.621	35.501	22.569	0.436
90	28.556	35.484	22.578	0.489
100	28.455	35.461	22.594	0.542
110	28.051	35.452	22.720	0.595
120	27.334	35.450	22.952	0.646
130	26.129	35.195	23.142	0.694
140	25.187	35.224	23.456	0.741
150	24.212	35.570	24.012	0.783
160	21.761	35.637	24.771	0.818
170	19.141	35.490	25.360	0.846
180	18.616	35.489	25.494	0.873
190	17.943	35.431	25.617	0.898
200	15.841	35.233	25.964	0.920
250	12.889	34.914	26.349	1.013
300	11.278	34.815	26.581	1.092
350	10.495	34.764	26.683	1.166
400	9.704	34.709	26.775	1.235
450	8.648	34.649	26.899	1.300
500	7.895	34.611	26.984	1.360
550	7.172	34.582	27.066	1.416
600	6.899	34.568	27.093	1.469
650	6.372	34.553	27.151	1.521
700	5.984	34.546	27.196	1.570
750	5.608	34.540	27.239	1.617
800	5.299	34.540	27.276	1.662
900	4.589	34.546	27.362	1.747
1000	4.140	34.556	27.419	1.825
1002	4.135	34.556	27.419	1.827

CAST TG1-94-DI -029 DATE 07 JUN 94 TIME 0944 GMT

LAT 00 05.1S LONG 179 58.0W



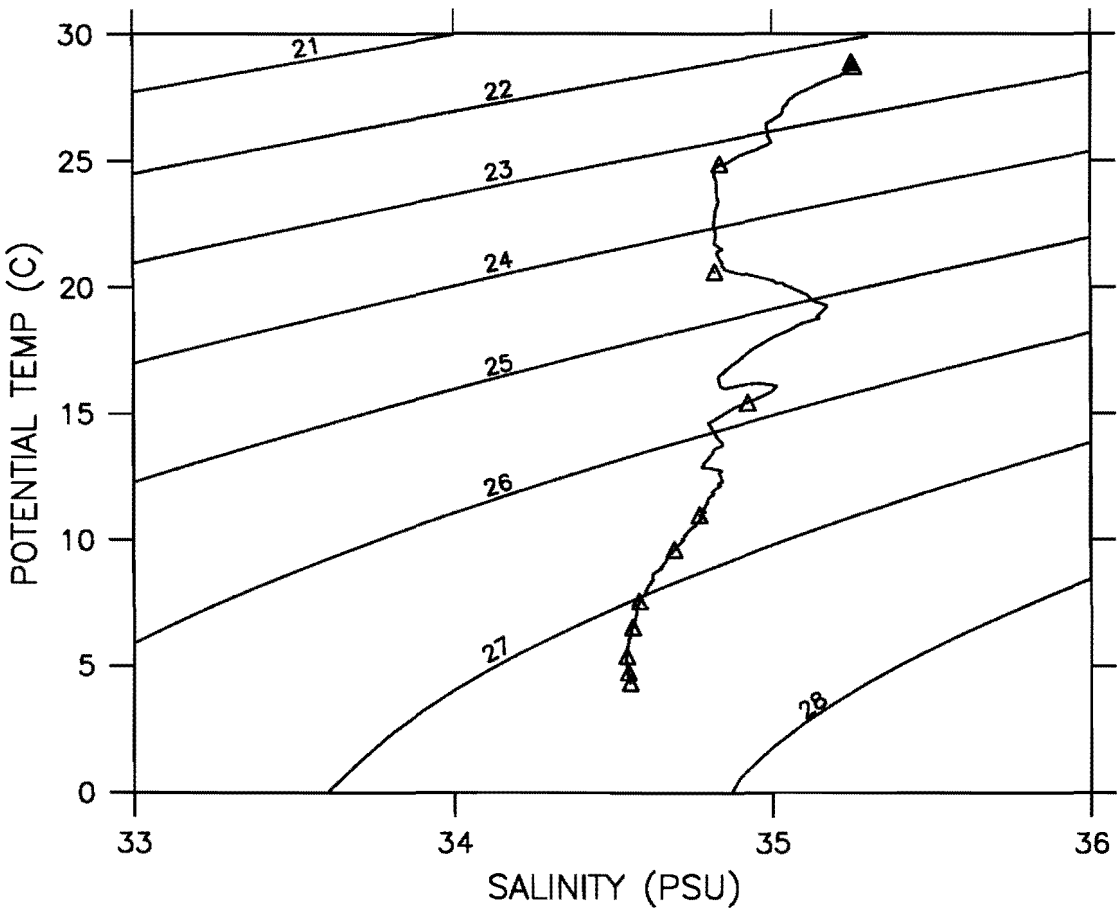


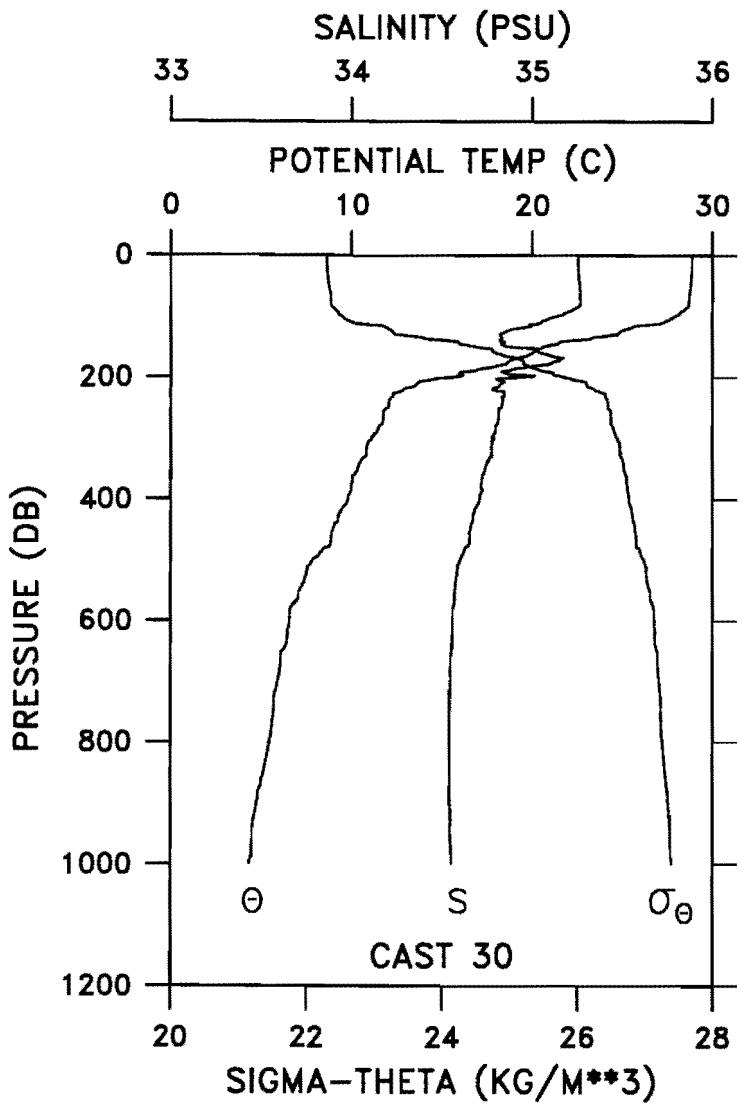
CAST TG1-94-DI -029 DATE 07 JUN 94 TIME 0944 GMT
LAT 00 05.1S LONG 179 58.0W WEATHER 1 SEA STATE 3
BAROMETER 91 WIND DIR 120 T SPD 15 KT VISIBILITY 7
CLOUD X AMOUNT 9 DRY 29.1 WET 25.9 DEPTH 5241 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.734	35.365	22.429	0.000
10	28.733	35.364	22.429	0.054
20	28.727	35.362	22.429	0.108
30	28.688	35.356	22.438	0.162
40	28.641	35.350	22.449	0.216
50	28.626	35.347	22.452	0.270
60	28.584	35.341	22.461	0.324
70	28.554	35.336	22.467	0.378
80	28.484	35.324	22.481	0.432
90	28.385	35.306	22.500	0.486
100	27.801	35.131	22.560	0.540
110	27.885	35.267	22.635	0.592
120	27.553	35.291	22.761	0.645
130	25.650	34.957	23.112	0.694
140	21.318	35.346	24.671	0.733
150	20.416	35.179	24.789	0.766
160	19.764	35.217	24.990	0.797
170	19.856	35.296	25.027	0.827
180	18.986	35.169	25.155	0.857
190	17.922	35.223	25.463	0.884
200	16.497	35.085	25.699	0.908
250	12.684	34.858	26.346	1.005
300	11.223	34.807	26.585	1.084
350	10.111	34.739	26.730	1.157
400	9.188	34.676	26.834	1.223
450	8.228	34.617	26.939	1.286
500	7.391	34.589	27.040	1.343
550	7.002	34.570	27.080	1.397
600	6.581	34.558	27.128	1.449
650	6.024	34.546	27.191	1.499
700	5.723	34.542	27.226	1.546
750	5.416	34.542	27.263	1.592
800	5.162	34.541	27.292	1.636
900	4.773	34.545	27.340	1.721
1000	4.158	34.556	27.417	1.799
1007	4.153	34.558	27.419	1.805

CAST TG1-94-DI -030 DATE 08 JUN 94 TIME 1035 GMT

LAT 01 00.0N LONG 179 50.0W



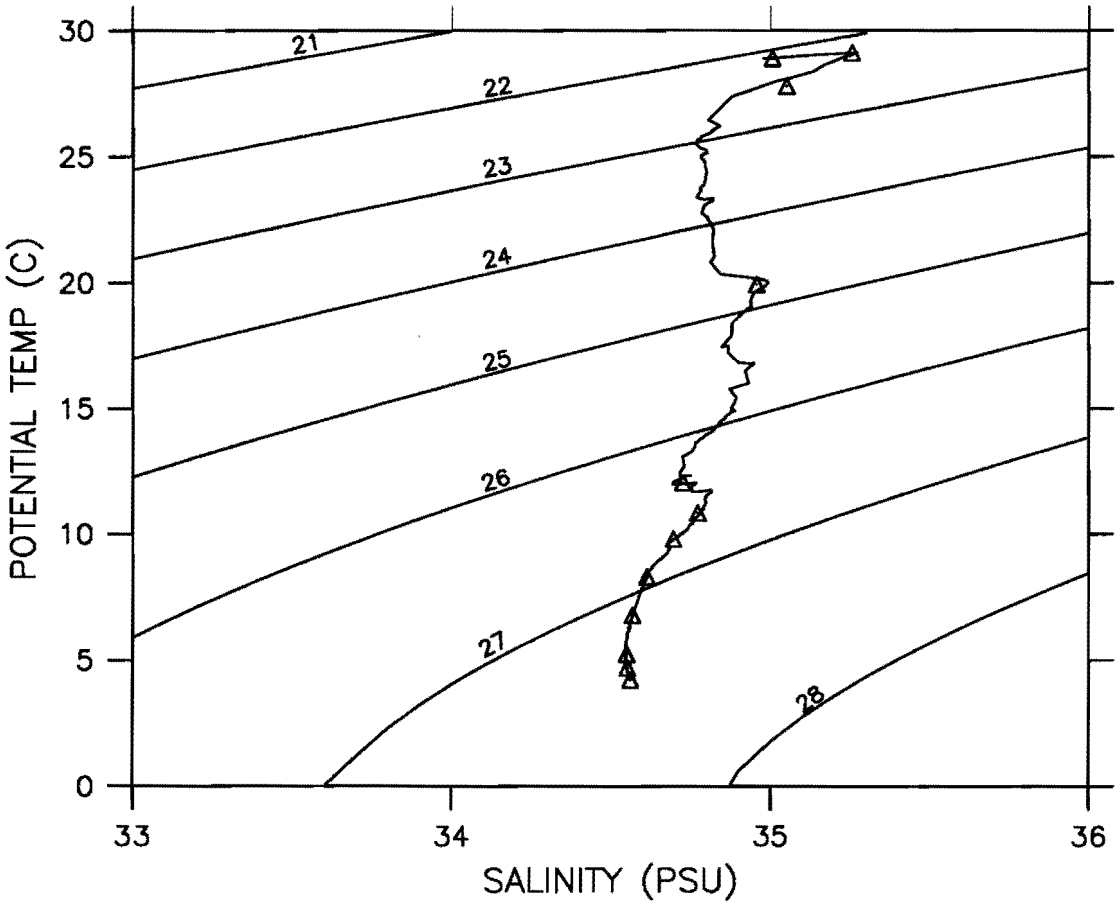


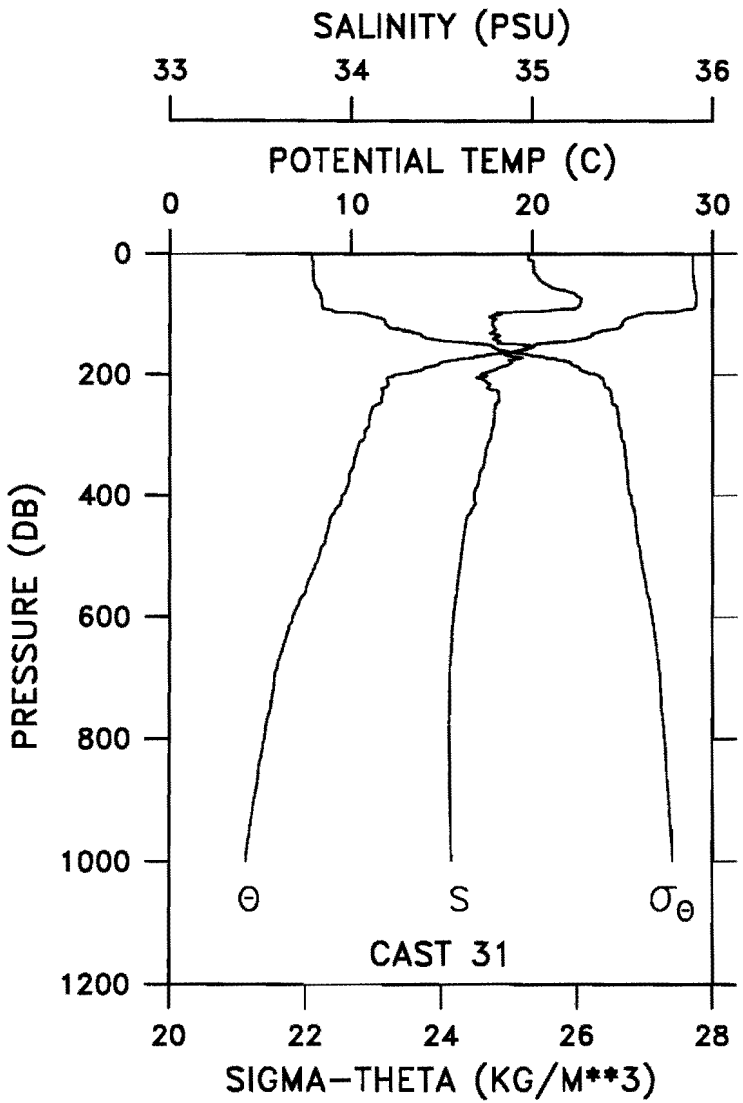
CAST TG1-94-DI -030 DATE 08 JUN 94 TIME 1035 GMT
LAT 01 00.0N LONG 179 50.0W WEATHER 1 SEA STATE 4
BAROMETER 08 WIND DIR 140 T SPD 11 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 28.5 WET 24.9 DEPTH 5795 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.870	35.257	22.303	0.000
10	28.869	35.255	22.302	0.055
20	28.866	35.256	22.303	0.111
30	28.855	35.257	22.308	0.166
40	28.843	35.258	22.313	0.221
50	28.808	35.263	22.328	0.276
60	28.751	35.266	22.349	0.332
70	28.730	35.265	22.356	0.387
80	28.707	35.266	22.364	0.442
90	28.401	35.224	22.433	0.496
100	27.967	35.140	22.513	0.551
110	27.285	35.051	22.667	0.604
120	25.325	34.930	23.191	0.653
130	24.671	34.822	23.308	0.700
140	22.046	34.825	24.073	0.742
150	20.681	34.855	24.471	0.779
160	20.047	35.044	24.784	0.812
170	19.080	35.162	25.126	0.843
180	18.312	35.059	25.241	0.871
190	16.745	34.859	25.467	0.898
200	15.574	34.954	25.809	0.922
250	12.037	34.828	26.449	1.012
300	11.089	34.782	26.590	1.091
350	10.343	34.739	26.689	1.164
400	9.798	34.707	26.758	1.234
450	8.974	34.657	26.854	1.300
500	7.834	34.599	26.984	1.362
550	7.106	34.572	27.067	1.418
600	6.542	34.561	27.135	1.470
650	6.130	34.551	27.182	1.520
700	5.913	34.547	27.206	1.568
750	5.672	34.544	27.233	1.615
800	5.449	34.541	27.259	1.661
900	4.739	34.546	27.345	1.748
1000	4.342	34.551	27.393	1.828
1004	4.331	34.550	27.394	1.831

CAST TG1-94-DI -031 DATE 08 JUN 94 TIME 1542 GMT

LAT 01 59.3N LONG 179 51.0W



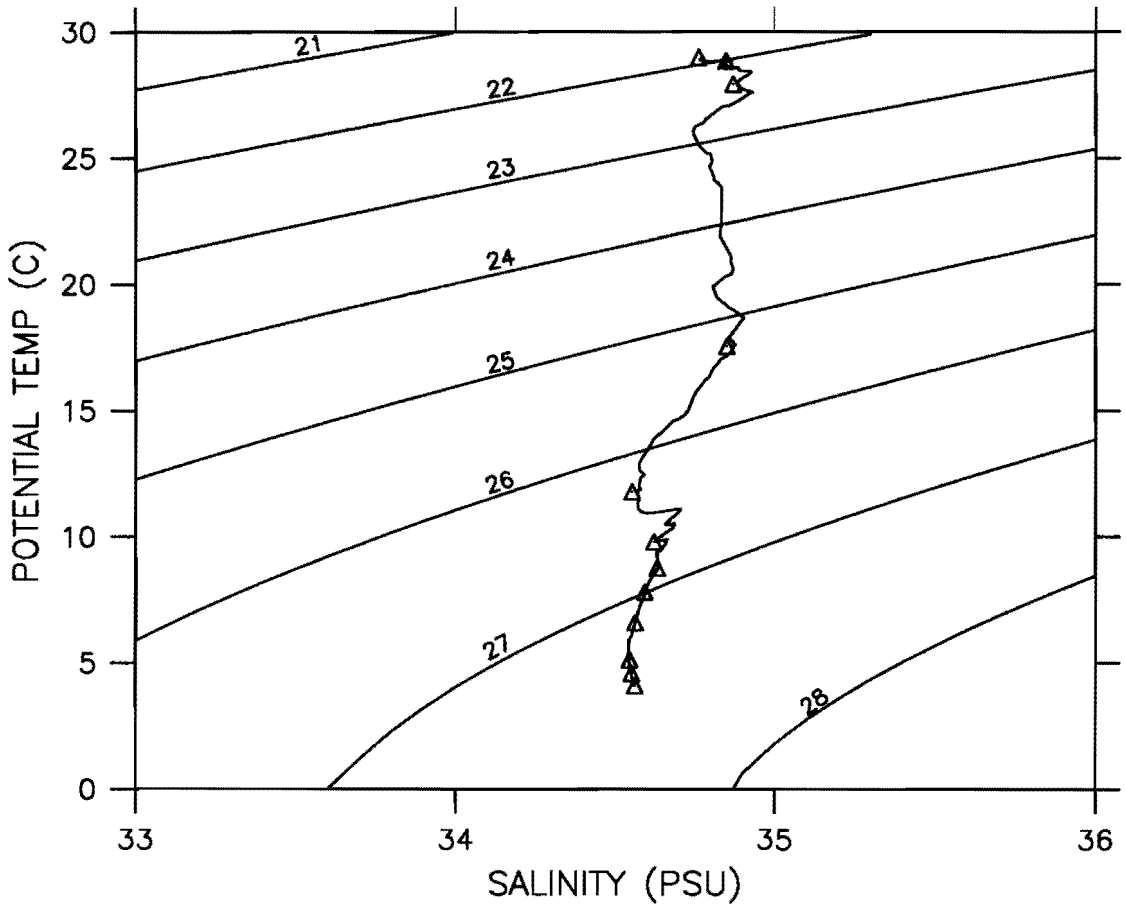


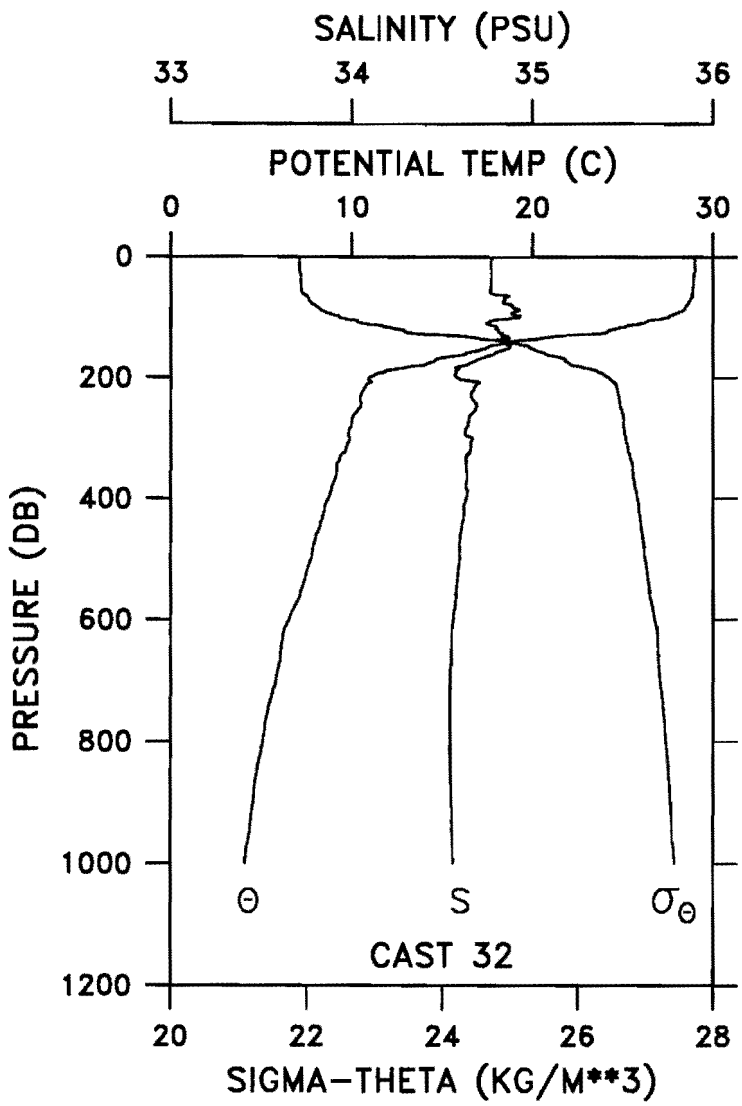
CAST TG1-94-DI -031 DATE 08 JUN 94 TIME 1542 GMT
LAT 01 59.3N LONG 179 51.0W WEATHER 1 SEA STATE 4
BAROMETER 07 WIND DIR 045 T SPD 07 KT VISIBILITY 8
CLOUD 8 AMOUNT 2 DRY 28.5 WET 25.5 DEPTH 1003 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.899	34.981	22.086	0.000
10	28.897	34.978	22.084	0.057
20	28.896	35.005	22.105	0.115
30	28.895	35.007	22.106	0.172
40	28.937	35.034	22.113	0.229
50	28.976	35.072	22.128	0.286
60	29.041	35.161	22.173	0.343
70	29.111	35.252	22.218	0.400
80	29.095	35.268	22.236	0.456
90	29.012	35.250	22.250	0.512
100	26.105	34.823	22.869	0.566
110	25.119	34.787	23.146	0.615
120	24.892	34.786	23.214	0.662
130	23.646	34.782	23.582	0.708
140	22.978	34.788	23.781	0.750
150	20.248	34.908	24.627	0.789
160	19.248	34.935	24.909	0.821
170	16.830	34.897	25.477	0.850
180	14.916	34.888	25.905	0.873
190	13.995	34.802	26.036	0.894
200	12.466	34.715	26.279	0.913
250	11.385	34.793	26.544	0.995
300	10.754	34.773	26.644	1.069
350	10.117	34.731	26.722	1.140
400	9.470	34.678	26.790	1.209
450	8.777	34.632	26.866	1.274
500	8.242	34.608	26.930	1.336
550	7.550	34.586	27.015	1.394
600	6.778	34.565	27.107	1.449
650	6.242	34.555	27.170	1.500
700	5.767	34.546	27.223	1.547
750	5.568	34.544	27.246	1.594
800	5.231	34.543	27.286	1.638
900	4.659	34.548	27.355	1.723
1000	4.218	34.557	27.411	1.802
1003	4.216	34.556	27.411	1.804

CAST TG1-94-DI -032 DATE 09 JUN 94 TIME 0955 GMT

LAT 02 59.8N LONG 179 53.8W



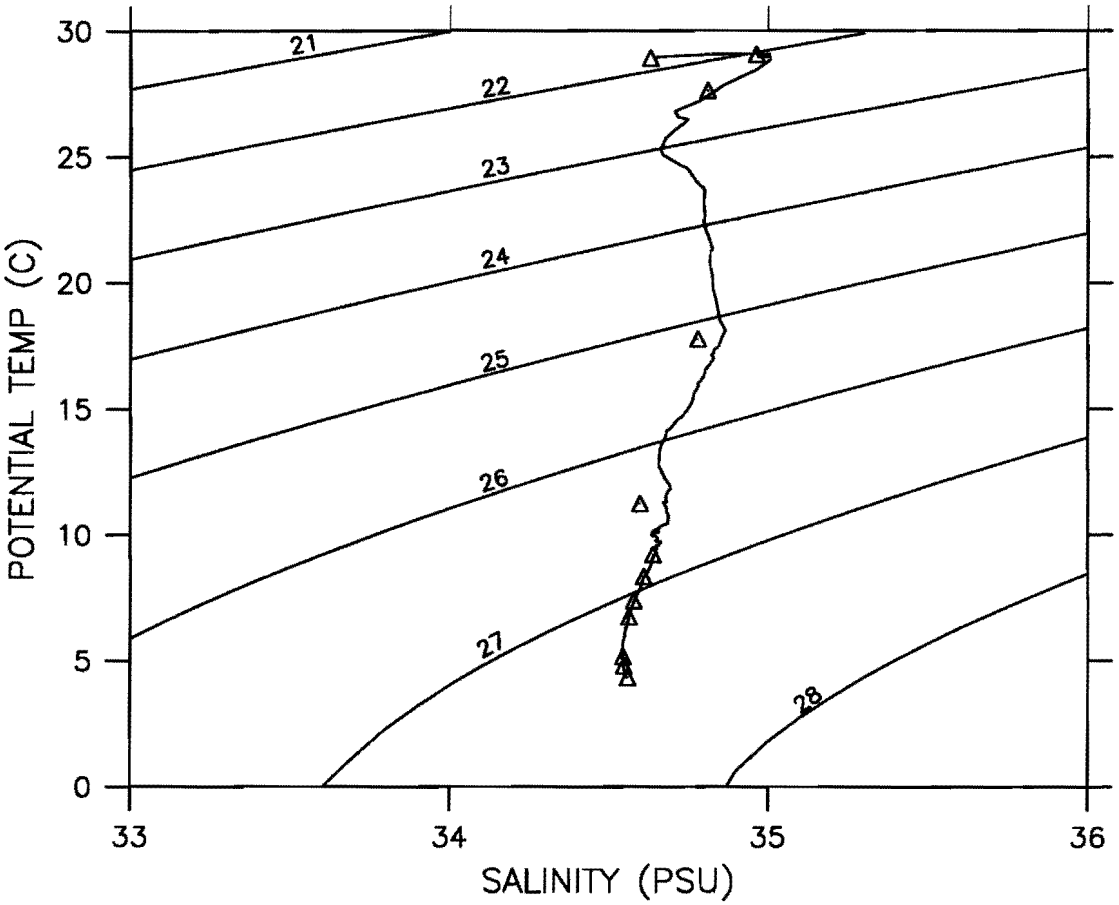


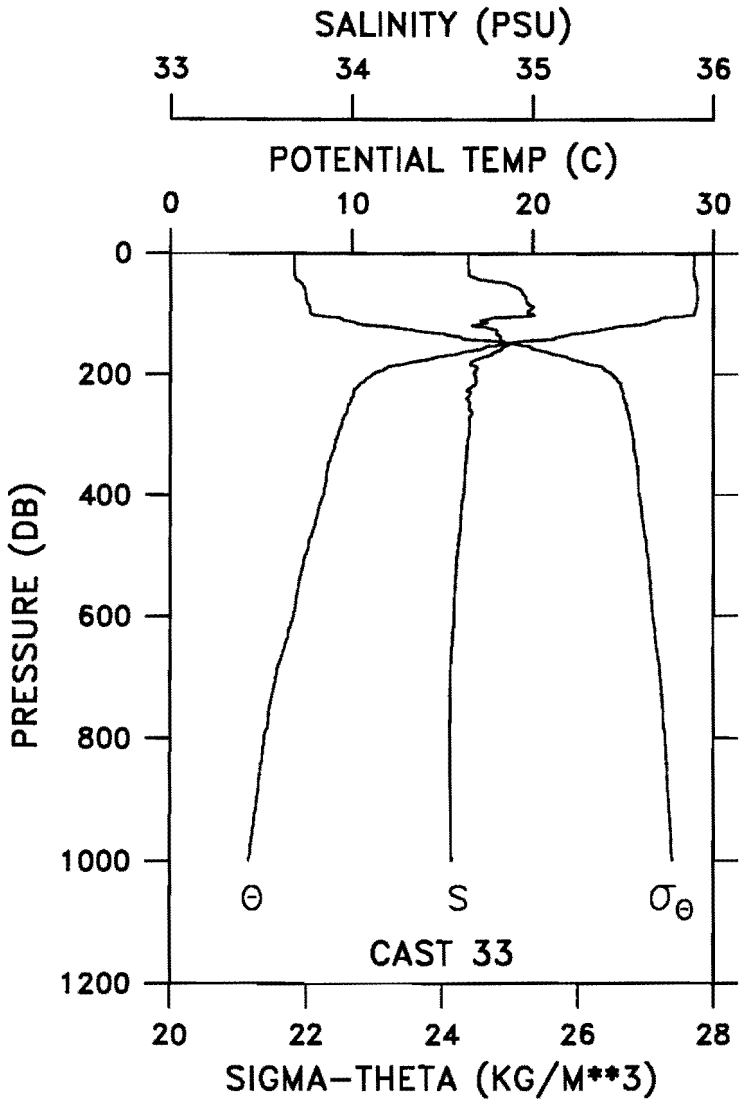
CAST TG1-94-DI -032 DATE 09 JUN 94 TIME 0955 GMT
LAT 02 59.8N LONG 179 53.8W WEATHER 1 SEA STATE 4
BAROMETER 10 WIND DIR 080 T SPD 20 KT VISIBILITY 7
CLOUD X AMOUNT 9 DRY 29.2 WET 25.6 DEPTH 5603 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.011	34.775	21.893	0.000
10	29.010	34.773	21.892	0.059
20	29.010	34.773	21.892	0.118
30	28.957	34.771	21.909	0.178
40	28.943	34.773	21.915	0.237
50	28.923	34.770	21.919	0.296
60	28.877	34.767	21.933	0.355
70	28.757	34.845	22.031	0.413
80	28.571	34.889	22.126	0.471
90	28.286	34.916	22.240	0.528
100	27.590	34.927	22.475	0.583
110	26.095	34.745	22.813	0.636
120	24.452	34.804	23.360	0.684
130	21.913	34.829	24.113	0.727
140	18.966	34.875	24.935	0.762
150	17.522	34.871	25.291	0.790
160	16.302	34.793	25.520	0.816
170	14.650	34.697	25.815	0.840
180	13.865	34.621	25.923	0.862
190	11.847	34.577	26.290	0.881
200	10.983	34.584	26.455	0.898
250	10.470	34.688	26.628	0.973
300	9.892	34.665	26.709	1.044
350	9.168	34.632	26.803	1.112
400	8.693	34.632	26.879	1.176
450	8.183	34.606	26.937	1.237
500	7.742	34.596	26.995	1.295
550	7.200	34.577	27.058	1.351
600	6.537	34.561	27.136	1.403
650	6.079	34.551	27.188	1.452
700	5.809	34.544	27.216	1.500
750	5.372	34.540	27.267	1.546
800	5.090	34.543	27.302	1.590
900	4.569	34.549	27.366	1.672
1000	4.103	34.560	27.426	1.749
1004	4.097	34.560	27.426	1.752

CAST TG1-94-DI -033 DATE 09 JUN 94 TIME 1456 GMT

LAT 04 00.0N LONG 179 54.0W



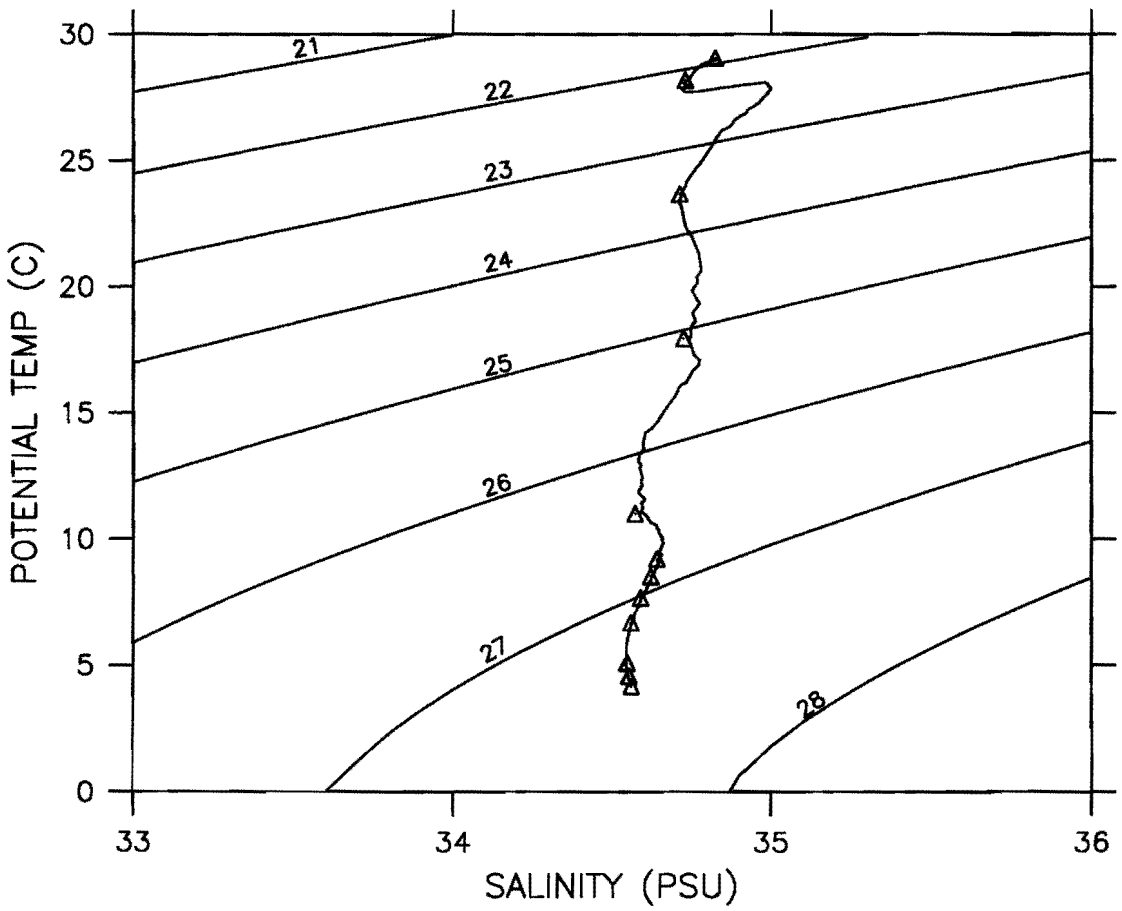


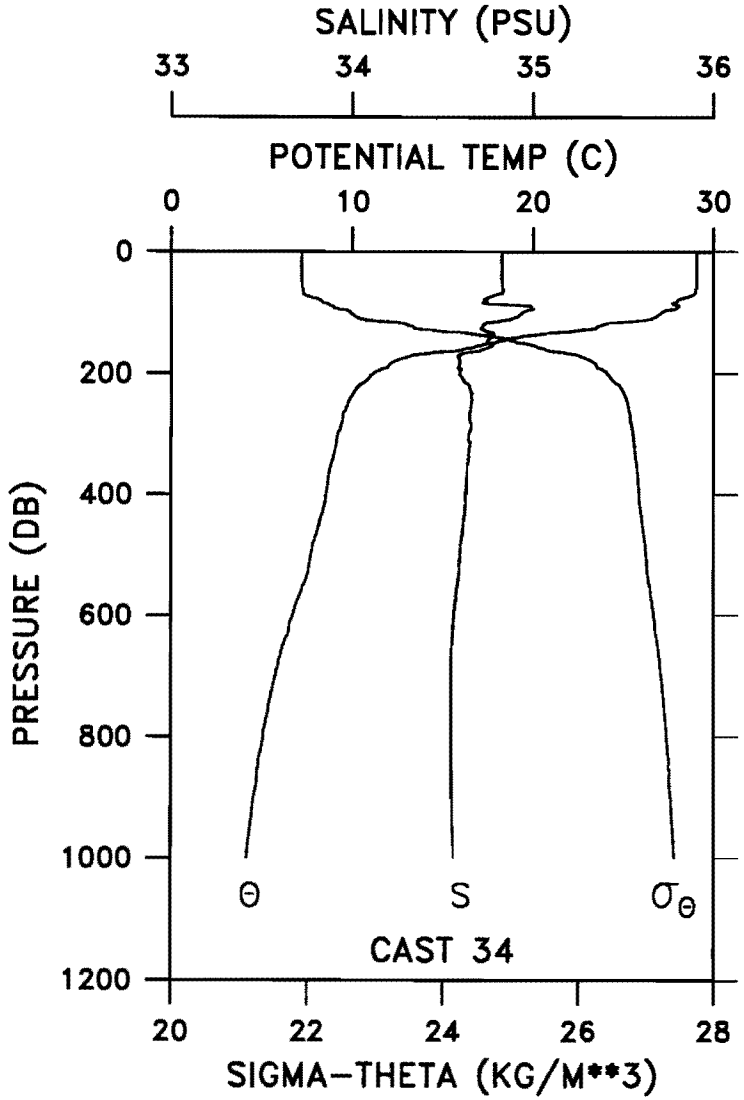
CAST TG1-94-DI -033 DATE 09 JUN 94 TIME 1456 GMT
LAT 04 00.0N LONG 179 54.0W WEATHER 0 SEA STATE 3
BAROMETER 08 WIND DIR 090 T SPD 15 KT VISIBILITY 8
CLOUD 0 AMOUNT 0 DRY 28.3 WET 25.0 DEPTH 5711 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.943	34.644	21.818	0.000
10	28.943	34.643	21.817	0.060
20	28.943	34.643	21.817	0.120
30	28.944	34.645	21.819	0.180
40	28.977	34.682	21.835	0.240
50	29.078	34.859	21.934	0.299
60	29.118	34.932	21.976	0.358
70	29.123	34.957	21.993	0.417
80	29.111	34.966	22.003	0.475
90	29.060	35.000	22.046	0.533
100	28.966	34.990	22.070	0.592
110	26.935	34.728	22.536	0.647
120	25.074	34.668	23.070	0.698
130	23.001	34.799	23.782	0.743
140	21.247	34.819	24.290	0.782
150	18.280	34.860	25.096	0.814
160	16.778	34.817	25.427	0.842
170	14.902	34.743	25.796	0.866
180	13.241	34.659	26.080	0.887
190	11.890	34.693	26.372	0.905
200	11.136	34.677	26.499	0.922
250	9.795	34.651	26.715	0.994
300	9.236	34.647	26.804	1.061
350	8.708	34.629	26.874	1.124
400	8.458	34.617	26.904	1.186
450	7.962	34.600	26.966	1.245
500	7.423	34.582	27.030	1.302
550	7.071	34.571	27.071	1.356
600	6.793	34.565	27.105	1.409
650	6.309	34.555	27.161	1.460
700	5.824	34.546	27.217	1.508
750	5.481	34.542	27.256	1.555
800	5.191	34.542	27.290	1.599
900	4.789	34.546	27.339	1.685
1000	4.344	34.554	27.395	1.765
1002	4.338	34.554	27.396	1.767

CAST TG1-94-DI -034 DATE 10 JUN 94 TIME 0900 GMT

LAT 04 59.8N LONG 179 54.3W



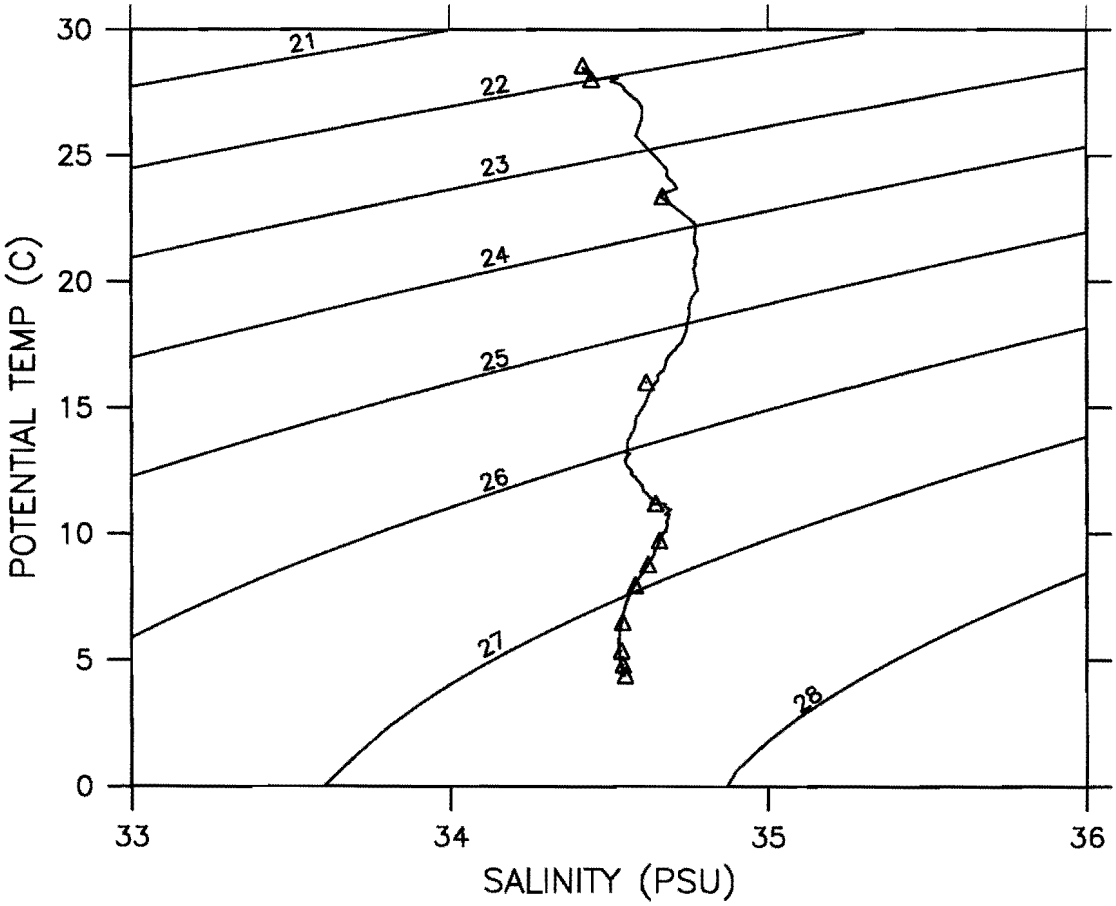


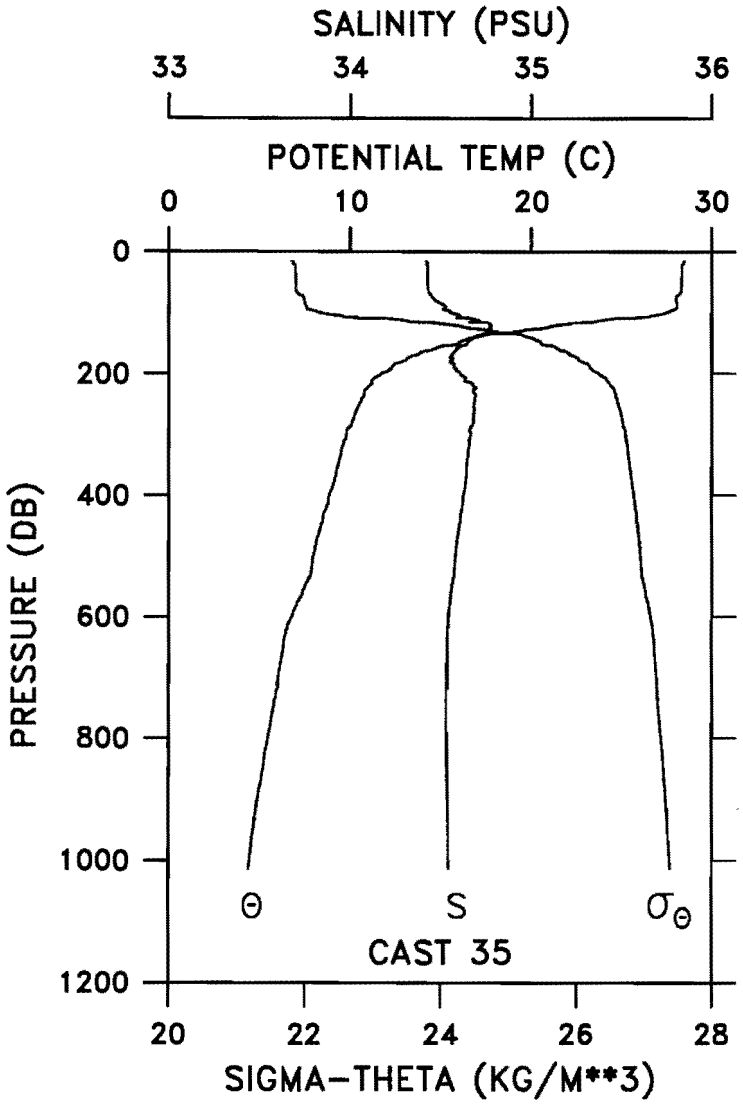
CAST TG1-94-DI -034 DATE 10 JUN 94 TIME 0900 GMT
LAT 04 59.8N LONG 179 54.3W WEATHER 0 SEA STATE 4
BAROMETER 92 WIND DIR 060 T SPD 22 KT VISIBILITY 8
CLOUD 8 AMOUNT 2 DRY 28.9 WET 25.4 DEPTH 5625 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.056	34.828	21.919	0.000
10	29.053	34.826	21.918	0.059
20	29.060	34.826	21.916	0.118
30	29.065	34.826	21.914	0.177
40	29.063	34.826	21.915	0.236
50	29.057	34.828	21.918	0.295
60	29.019	34.832	21.934	0.354
70	28.863	34.792	21.956	0.413
80	27.980	34.741	22.208	0.471
90	27.998	34.991	22.391	0.527
100	27.102	34.939	22.641	0.580
110	26.526	34.883	22.782	0.632
120	23.810	34.721	23.488	0.680
130	22.251	34.738	23.950	0.722
140	19.151	34.765	24.804	0.758
150	17.511	34.754	25.204	0.788
160	16.129	34.718	25.502	0.814
170	13.339	34.587	26.005	0.837
180	12.345	34.593	26.207	0.857
190	11.952	34.585	26.277	0.875
200	11.184	34.594	26.427	0.892
250	9.741	34.656	26.728	0.965
300	9.199	34.645	26.809	1.031
350	8.829	34.638	26.862	1.095
400	8.554	34.627	26.897	1.157
450	8.164	34.614	26.946	1.217
500	7.709	34.595	26.999	1.275
550	7.280	34.581	27.050	1.332
600	6.705	34.562	27.114	1.385
650	6.163	34.551	27.178	1.435
700	5.766	34.545	27.223	1.483
750	5.387	34.544	27.268	1.529
800	5.103	34.543	27.301	1.572
900	4.572	34.551	27.367	1.655
1000	4.180	34.560	27.417	1.733
1008	4.172	34.560	27.418	1.739

CAST TG1-94-DI -035 DATE 11 JUN 94 TIME 0025 GMT

LAT 08 00.0N LONG 179 54.5W



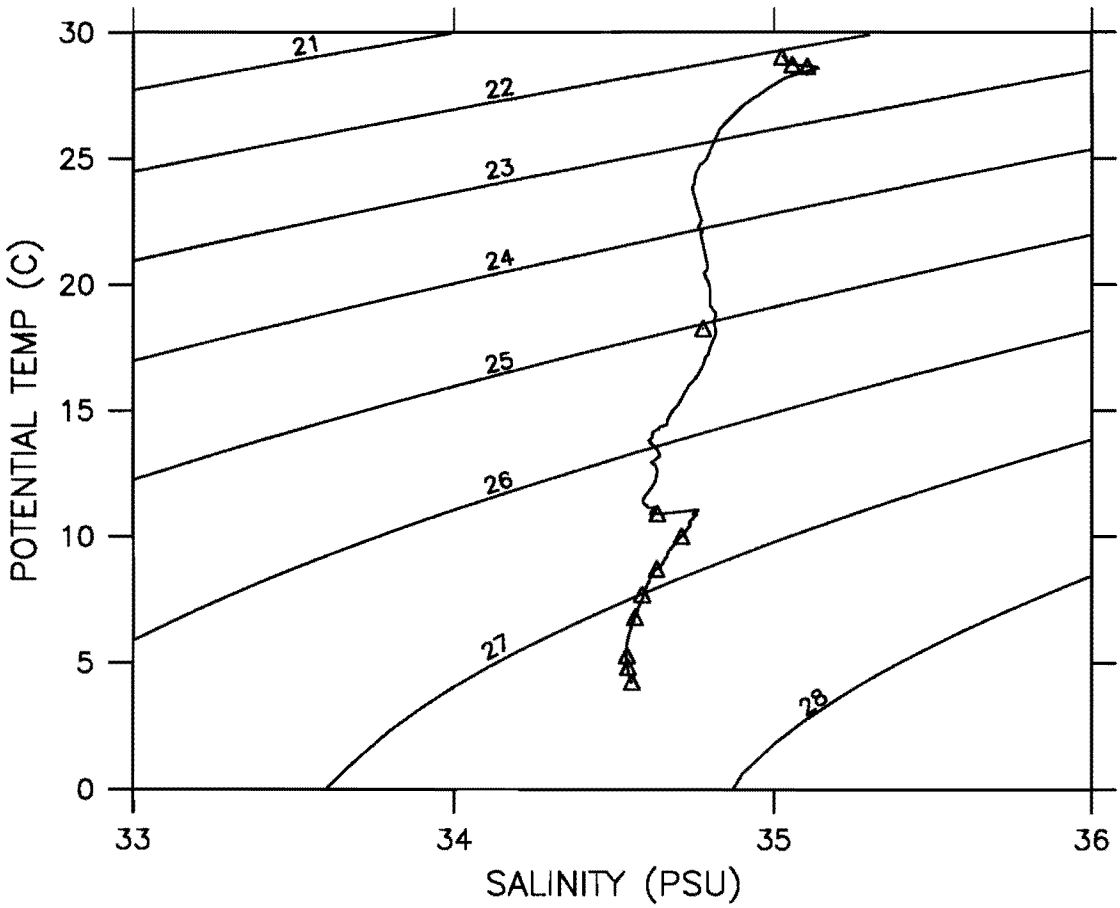


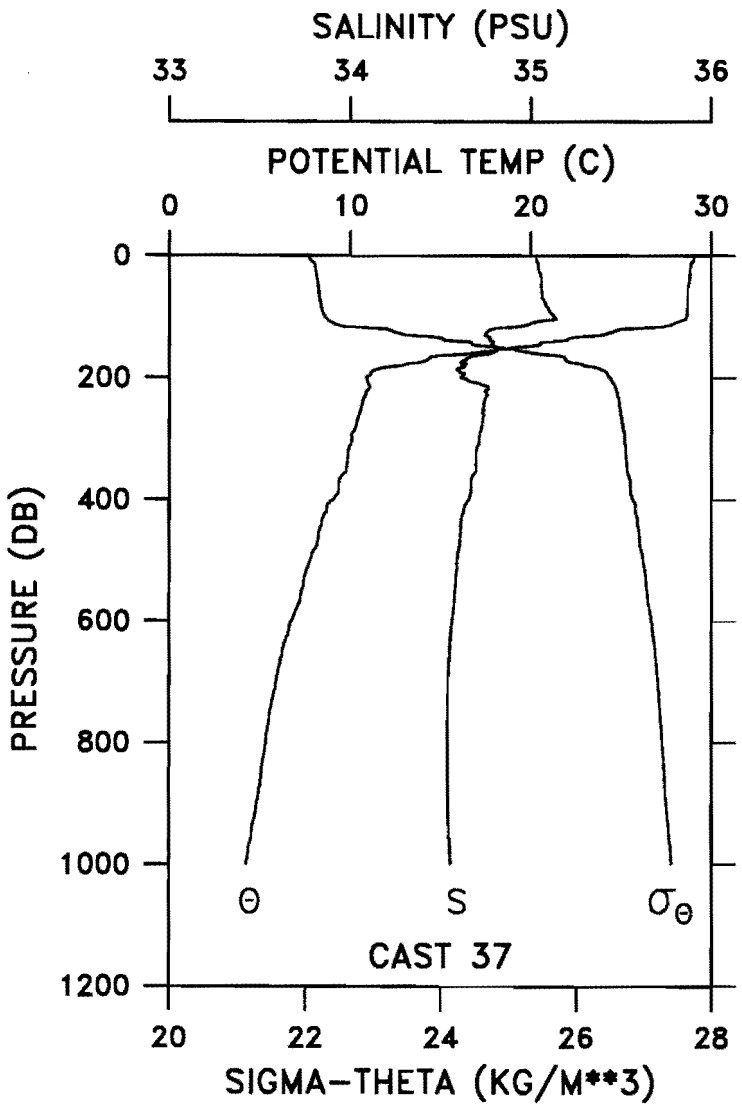
CAST TG1-94-DI -035 DATE 11 JUN 94 TIME 0025 GMT
LAT 08 00.0N LONG 179 54.5W WEATHER 1 SEA STATE 4
BAROMETER 10 WIND DIR 090 T SPD 11 KT VISIBILITY 7
CLOUD 6 AMOUNT 5 DRY 30.2 WET 26.8 DEPTH 5909 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
16	28.477	34.420	21.804	0.000
17	28.444	34.423	21.818	0.006
20	28.433	34.421	21.820	0.024
30	28.343	34.429	21.856	0.084
40	28.333	34.429	21.859	0.143
50	28.327	34.429	21.861	0.203
60	28.320	34.430	21.863	0.263
70	28.192	34.442	21.914	0.322
80	28.017	34.469	21.992	0.381
90	28.072	34.527	22.017	0.440
100	27.504	34.560	22.227	0.497
110	24.435	34.686	23.276	0.550
120	21.538	34.770	24.173	0.593
130	19.383	34.761	24.742	0.628
140	16.881	34.680	25.298	0.657
150	15.987	34.645	25.479	0.683
160	14.568	34.586	25.747	0.707
170	13.549	34.559	25.941	0.729
180	12.868	34.552	26.073	0.749
190	12.298	34.576	26.203	0.768
200	11.732	34.608	26.336	0.786
250	10.512	34.681	26.614	0.864
300	9.795	34.666	26.726	0.935
350	9.331	34.644	26.786	1.002
400	8.845	34.625	26.850	1.067
450	8.386	34.603	26.904	1.130
500	7.981	34.581	26.948	1.190
550	7.498	34.561	27.003	1.249
600	6.754	34.543	27.092	1.304
650	6.305	34.536	27.147	1.355
700	6.021	34.534	27.182	1.405
750	5.774	34.532	27.211	1.453
800	5.466	34.533	27.250	1.500
900	4.897	34.537	27.320	1.588
1000	4.462	34.543	27.373	1.671
1013	4.397	34.545	27.382	1.681

CAST TG1-94-DI -037 DATE 14 JUN 94 TIME 0354 GMT

LAT 02 59.8N LONG 170 00.1W



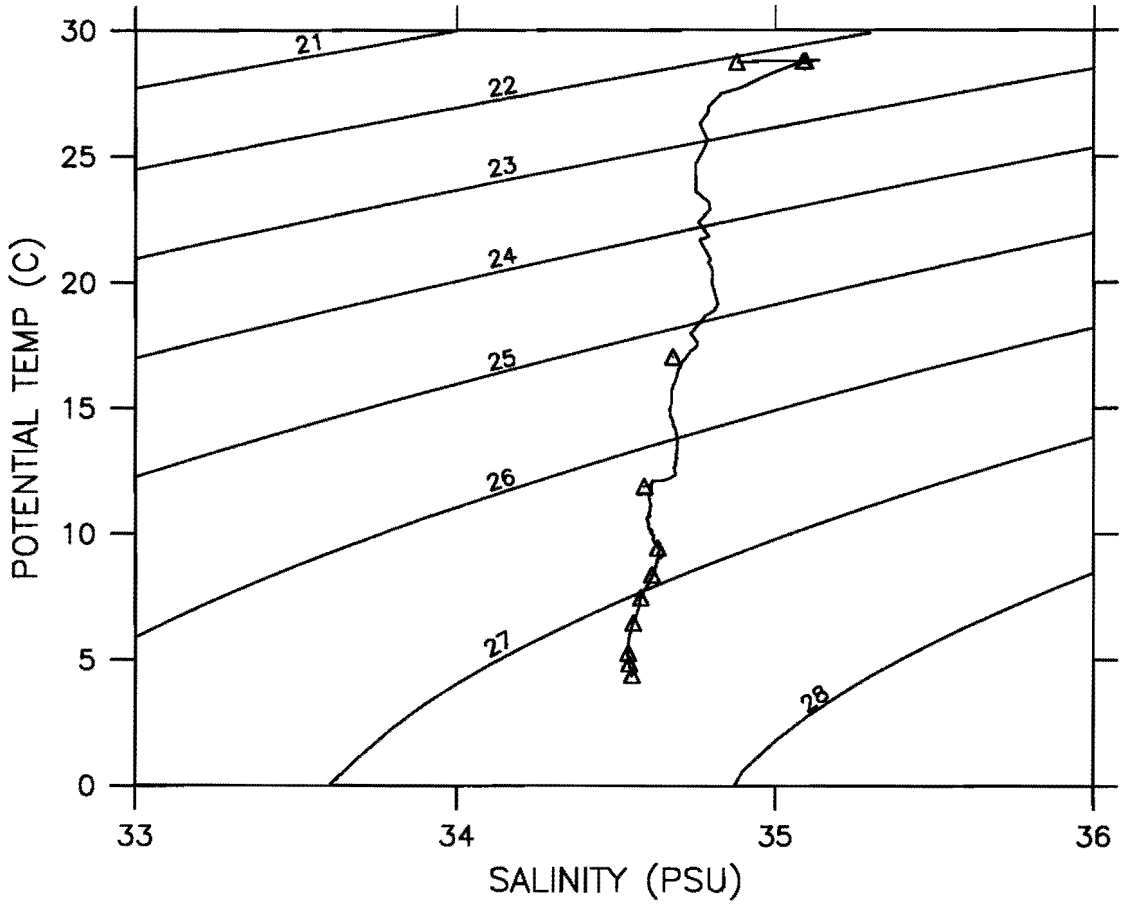


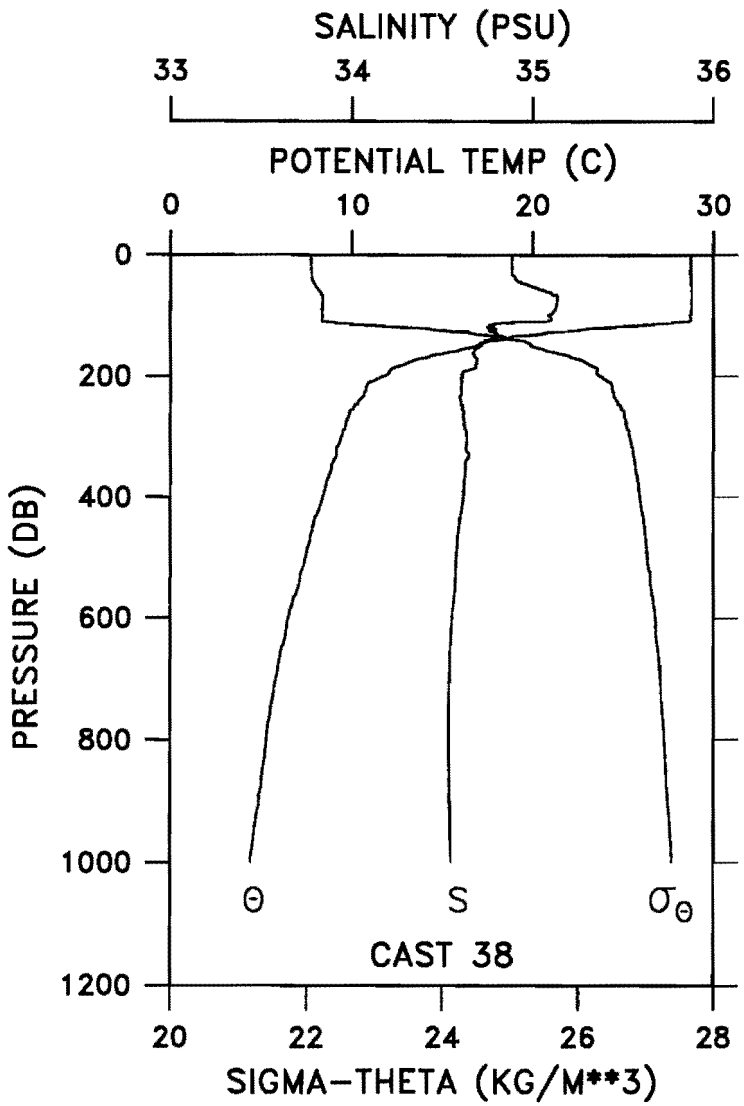
CAST TG1-94-DI -037 DATE 14 JUN 94 TIME 0354 GMT
LAT 02 59.8N LONG 170 00.1W WEATHER 2 SEA STATE 3
BAROMETER 08 WIND DIR 140 T SPD 07 KT VISIBILITY 7
CLOUD 8 AMOUNT 3 DRY 30.0 WET 25.0 DEPTH 0991 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.051	35.031	22.073	0.000
10	28.959	35.036	22.107	0.057
20	28.844	35.040	22.149	0.114
30	28.823	35.052	22.164	0.171
40	28.801	35.058	22.176	0.228
50	28.742	35.056	22.195	0.284
60	28.725	35.060	22.203	0.341
70	28.714	35.062	22.208	0.397
80	28.693	35.081	22.230	0.454
90	28.675	35.099	22.249	0.510
100	28.624	35.132	22.291	0.566
110	27.983	35.009	22.410	0.621
120	24.973	34.788	23.191	0.674
130	23.851	34.743	23.492	0.720
140	21.295	34.781	24.248	0.760
150	19.161	34.799	24.828	0.795
160	16.777	34.776	25.396	0.824
170	14.287	34.638	25.848	0.847
180	12.843	34.628	26.136	0.868
190	11.159	34.606	26.440	0.885
200	10.872	34.613	26.498	0.901
250	10.579	34.735	26.645	0.975
300	10.068	34.713	26.717	1.046
350	9.776	34.694	26.752	1.115
400	9.075	34.656	26.837	1.181
450	8.298	34.609	26.922	1.243
500	7.786	34.590	26.984	1.302
550	7.289	34.579	27.047	1.358
600	6.747	34.563	27.109	1.412
650	6.229	34.549	27.167	1.462
700	5.890	34.542	27.205	1.511
750	5.550	34.538	27.244	1.558
800	5.323	34.537	27.270	1.603
900	4.839	34.541	27.330	1.690
1000	4.250	34.553	27.404	1.770
1005	4.237	34.553	27.406	1.774

CAST TG1-94-DI -038 DATE 14 JUN 94 TIME 0857 GMT

LAT 04 00.2N LONG 169 59.5W





CAST TG1-94-DI -038 DATE 14 JUN 94 TIME 0857 GMT
LAT 04 00.2N LONG 169 59.5W WEATHER 1 SEA STATE 4
BAROMETER 10 WIND DIR 160 T SPD 05 KT VISIBILITY 7
CLOUD 8 AMOUNT 4 DRY 28.5 WET 25.0 DEPTH 5626 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.746	34.887	22.066	0.000
10	28.746	34.884	22.064	0.058
20	28.731	34.885	22.069	0.115
30	28.711	34.883	22.075	0.173
40	28.735	34.907	22.085	0.230
50	28.783	34.983	22.126	0.287
60	28.788	35.075	22.194	0.344
70	28.800	35.137	22.235	0.401
80	28.800	35.134	22.233	0.457
90	28.792	35.125	22.229	0.513
100	28.720	35.093	22.230	0.570
110	28.174	34.966	22.314	0.626
120	23.596	34.750	23.573	0.677
130	20.485	34.801	24.482	0.715
140	17.953	34.733	25.080	0.747
150	16.927	34.712	25.311	0.774
160	15.389	34.673	25.635	0.800
170	14.029	34.688	25.941	0.822
180	12.967	34.687	26.158	0.842
190	12.114	34.639	26.288	0.860
200	11.698	34.610	26.344	0.878
250	10.120	34.612	26.629	0.956
300	9.409	34.634	26.766	1.026
350	8.880	34.628	26.846	1.091
400	8.381	34.616	26.914	1.153
450	7.833	34.592	26.978	1.211
500	7.440	34.577	27.024	1.268
550	7.025	34.569	27.076	1.323
600	6.484	34.554	27.137	1.374
650	6.103	34.545	27.180	1.424
700	5.805	34.539	27.214	1.472
750	5.527	34.537	27.246	1.518
800	5.296	34.537	27.273	1.564
900	4.867	34.539	27.325	1.650
1000	4.399	34.548	27.384	1.732
1007	4.349	34.549	27.390	1.738

CAST TG1-94-DI -003 LAT 07 57.5N LONG 155 01.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	27.933	34.674	0.00	27.930	22.175
76.	16.651	34.675	0.00	16.639	25.351
130.	11.533	34.672	0.00	11.517	26.426
147.	10.991	34.672	0.00	10.973	26.525
200.	10.112	34.648	0.00	10.088	26.662
299.	9.202	34.648	0.00	9.169	26.815
403.	8.437	34.613	0.00	8.394	26.910
500.	7.601	34.585	0.00	7.551	27.014
599.	6.494	34.551	0.00	6.439	27.141
795.	5.237	34.543	0.00	5.170	27.293
899.	4.788	34.553	0.00	4.715	27.354
1001.	4.400	34.563	0.00	4.322	27.405

CAST TG1-94-DI -004 LAT 05 01.2N LONG 154 55.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.178	34.546	0.00	28.176	21.998
74.	27.982	34.629	0.00	27.965	22.129
129.	15.202	34.654	0.00	15.182	25.666
149.	12.330	34.624	0.00	12.311	26.238
296.	9.649	34.683	0.00	9.615	26.770
400.	8.679	34.641	0.00	8.636	26.895
502.	7.704	34.600	0.00	7.654	27.011
998.	4.583	34.562	0.00	4.503	27.384
2003.	2.211	34.648	0.00	2.071	27.684
3061.	1.689	34.676	0.00	1.462	27.753
3500.	1.518	34.689	0.00	1.251	27.778
4615.	1.383	34.702	0.00	0.998	27.806

CAST TG1-94-DI -005 LAT 04 00.7N LONG 154 59.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.314	34.582	0.00	28.312	21.980
45.	27.902	34.667	0.00	27.891	22.182
131.	16.668	34.687	0.00	16.647	25.358
152.	15.035	34.659	0.00	15.012	25.708
201.	11.223	34.661	0.00	11.198	26.476
300.	9.654	34.656	0.00	9.620	26.748
398.	8.770	34.640	0.00	8.727	26.880
501.	8.000	34.608	0.00	7.949	26.974
702.	6.175	34.554	0.00	6.112	27.186
799.	5.299	34.547	0.00	5.232	27.289
899.	4.917	34.554	0.00	4.843	27.340
1000.	4.543	34.563	0.00	4.463	27.389

CAST TG1-94-DI -006 LAT 03 00.1N LONG 154 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	28.297	34.727	0.00	28.294	22.095
74.	25.807	34.505	0.00	25.791	22.727
129.	17.507	34.724	0.00	17.485	25.188
150.	13.893	34.623	0.00	13.872	25.923
199.	11.054	34.693	0.00	11.029	26.532
297.	10.159	34.714	0.00	10.124	26.708
399.	9.308	34.664	0.00	9.263	26.813
500.	7.732	34.599	0.00	7.681	27.007
596.	6.777	34.567	0.00	6.721	27.116
898.	4.973	34.547	0.00	4.899	27.328
976.	4.653	34.551	0.00	4.574	27.367
1005.	4.493	34.559	0.00	4.413	27.392

CAST TG1-94-DI -007 LAT 02 00.8N LONG 155 06.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.208	34.846	0.00	28.206	22.214
121.	20.281	34.780	0.00	20.258	24.527
150.	14.352	34.667	0.00	14.331	25.860
201.	12.223	34.701	0.00	12.196	26.320
299.	10.918	34.769	0.00	10.881	26.617
400.	9.478	34.674	0.00	9.433	26.793
502.	7.244	34.583	0.00	7.195	27.063
600.	6.742	34.571	0.00	6.686	27.124
800.	5.711	34.550	0.00	5.641	27.242
901.	5.165	34.555	0.00	5.090	27.312
1000.	4.629	34.554	0.00	4.549	27.373

CAST TG1-94-DI -008 LAT 00 59.6N LONG 154 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	28.058	34.933	0.00	28.055	22.329
11.	28.053	34.994	0.00	28.051	22.375
76.	25.611	34.864	0.00	25.594	23.059
150.	17.167	34.888	0.00	17.143	25.395
199.	13.113	34.825	0.00	13.086	26.240
301.	11.367	34.808	0.00	11.329	26.566
400.	9.525	34.683	0.00	9.480	26.792
500.	7.786	34.610	0.00	7.736	27.007
596.	7.094	34.585	0.00	7.036	27.087
799.	5.621	34.549	0.00	5.552	27.252
898.	5.078	34.547	0.00	5.003	27.316
999.	4.600	34.555	0.00	4.519	27.377

CAST TG1-94-DI -009 LAT 00 00.0S LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	27.545	35.165	0.00	27.543	22.669
10.	27.546	35.165	0.00	27.544	22.670
76.	26.556	35.233	0.00	26.539	23.042
160.	17.650	35.090	0.00	17.623	25.435
199.	14.381	35.038	0.00	14.352	26.143
296.	12.103	34.863	0.00	12.064	26.471
501.	8.098	34.619	0.00	8.047	26.968
600.	7.026	34.581	0.00	6.968	27.094
799.	5.458	34.549	0.00	5.390	27.272
899.	5.025	34.547	0.00	4.950	27.322
997.	4.605	34.558	0.00	4.525	27.379

CAST TG1-94-DI -010 LAT 01 00.1S LONG 155 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.337	35.296	0.00	28.335	22.509
10.	28.438	35.296	0.00	28.435	22.476
75.	27.402	35.328	0.00	27.384	22.843
153.	20.689	35.605	0.00	20.660	25.048
208.	13.598	35.105	0.00	13.569	26.359
298.	11.566	34.831	0.00	11.527	26.547
396.	9.708	34.719	0.00	9.663	26.790
494.	7.820	34.612	0.00	7.770	27.004
599.	7.074	34.581	0.00	7.017	27.087
798.	5.881	34.546	0.00	5.810	27.218
901.	5.203	34.537	0.00	5.127	27.293
1006.	4.544	34.549	0.00	4.464	27.378

CAST TG1-94-DI -011 LAT 01 59.5S LONG 155 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.654	35.287	0.00	28.651	22.398
10.	28.646	35.274	0.00	28.643	22.391
73.	27.876	35.269	0.00	27.859	22.645
149.	17.150	35.411	0.00	17.126	25.801
201.	11.763	34.871	0.00	11.737	26.539
299.	11.021	34.801	0.00	10.984	26.624
402.	9.912	34.734	0.00	9.865	26.768
499.	7.568	34.597	0.00	7.519	27.028
601.	6.802	34.575	0.00	6.745	27.119
799.	5.686	34.554	0.00	5.616	27.248
900.	5.153	34.543	0.00	5.078	27.304
999.	4.578	34.555	0.00	4.498	27.379

CAST TG1-94-DI -012 LAT 03 40.3S LONG 150 15.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	28.723	35.159	0.00	28.720	22.279
75.	27.905	35.448	0.00	27.888	22.770
200.	12.798	34.965	0.00	12.771	26.412
299.	10.701	34.794	0.00	10.665	26.676
401.	9.037	34.693	0.00	8.993	26.879
500.	7.573	34.613	0.00	7.523	27.040
600.	6.879	34.582	0.00	6.823	27.114
802.	5.215	34.549	0.00	5.148	27.300
897.	4.784	34.554	0.00	4.711	27.355
998.	4.409	34.556	0.00	4.330	27.399

CAST TG1-94-DI -013 LAT 04 07.0S LONG 154 56.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
421.	8.749	34.696	0.00	8.703	26.927
498.	7.831	34.624	0.00	7.780	27.011
600.	6.830	34.580	0.00	6.773	27.119
800.	5.545	34.542	0.00	5.476	27.256
899.	5.036	34.537	0.00	4.962	27.313
1006.	4.655	34.536	0.00	4.573	27.356

CAST TG1-94-DI -014 LAT 04 53.6S LONG 154 59.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	29.021	35.096	0.00	29.020	22.132
10.	29.027	35.096	0.00	29.025	22.130
73.	27.707	35.273	0.00	27.690	22.703
150.	22.369	36.118	0.00	22.339	24.974
200.	15.973	35.256	0.00	15.941	25.959
299.	10.980	34.814	0.00	10.943	26.641
400.	9.480	34.715	0.00	9.435	26.825
497.	8.437	34.645	0.00	8.385	26.937
599.	7.302	34.589	0.00	7.243	27.061
799.	5.441	34.542	0.00	5.373	27.268
898.	4.823	34.537	0.00	4.750	27.337
1003.	4.360	34.545	0.00	4.282	27.395

CAST TG1-94-DI -015 LAT 08 17.0S LONG 155 00.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	29.736	35.541	0.00	29.734	22.225
11.	29.733	35.539	0.00	29.730	22.225
71.	29.476	35.704	0.00	29.459	22.441
148.	24.983	36.411	0.00	24.950	24.425
199.	20.685	35.919	0.00	20.647	25.291
297.	12.191	34.864	0.00	12.151	26.455
393.	9.743	34.719	0.00	9.698	26.784
501.	8.084	34.625	0.00	8.032	26.975
599.	6.996	34.571	0.00	6.938	27.090
799.	5.545	34.540	0.00	5.476	27.254
899.	4.825	34.534	0.00	4.752	27.334
1001.	4.375	34.545	0.00	4.297	27.393

CAST TG1-94-DI -018 LAT 02 10.3S LONG 170 03.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.414	35.379	0.00	29.411	22.213
75.	28.679	35.379	0.00	28.661	22.464
100.	28.306	35.362	0.00	28.283	22.577
148.	26.187	35.904	0.00	26.154	23.669
202.	14.525	35.197	0.00	14.495	26.235
301.	10.694	34.794	0.00	10.657	26.677
400.	9.307	34.691	0.00	9.263	26.834
497.	8.007	34.627	0.00	7.956	26.988
600.	6.772	34.570	0.00	6.716	27.119
800.	5.411	34.546	0.00	5.343	27.275
900.	4.782	34.546	0.00	4.710	27.348
1006.	4.272	34.557	0.00	4.194	27.413

CAST TG1-94-DI -019 LAT 03 00.0S LONG 170 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	29.409	35.326	0.00	29.408	22.174
74.	28.927	35.360	0.00	28.909	22.367
100.	28.779	35.352	0.00	28.755	22.413
199.	15.019	35.223	0.00	14.989	26.147
301.	9.928	34.740	0.00	9.893	26.767
401.	9.014	34.681	0.00	8.970	26.874
500.	7.874	34.620	0.00	7.824	27.002
600.	6.615	34.571	0.00	6.560	27.141
799.	5.113	34.553	0.00	5.047	27.315
898.	4.661	34.550	0.00	4.589	27.365
1000.	4.275	34.563	0.00	4.197	27.418

CAST TG1-94-DI -020 LAT 04 00.0S LONG 170 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
8.	29.181	35.383	0.00	29.179	22.294
76.	28.911	35.364	0.00	28.892	22.376
99.	28.889	35.371	0.00	28.865	22.391
149.	27.361	35.806	0.00	27.326	23.222
201.	15.898	35.308	0.00	15.866	26.016
301.	10.603	34.791	0.00	10.566	26.690
399.	9.115	34.689	0.00	9.071	26.864
499.	7.938	34.623	0.00	7.887	26.995
598.	6.600	34.565	0.00	6.544	27.139
800.	5.375	34.544	0.00	5.307	27.277
898.	4.812	34.543	0.00	4.739	27.343
1002.	4.369	34.549	0.00	4.290	27.397

CAST TG1-94-DI -021 LAT 04 56.1S LONG 170 01.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	29.303	35.337	0.00	29.300	22.219
73.	28.923	35.231	0.00	28.905	22.271
151.	24.547	35.897	0.00	24.514	24.168
296.	10.941	34.816	0.00	10.904	26.650
502.	8.649	34.665	0.00	8.596	26.920
1000.	4.431	34.553	0.00	4.352	27.393
1500.	2.959	34.599	0.00	2.852	27.579
1995.	2.276	34.636	0.00	2.135	27.669
2493.	1.916	34.654	0.00	1.738	27.715
2991.	1.700	34.677	0.00	1.479	27.752
3384.	1.564	34.686	0.00	1.308	27.772
5460.	1.244	34.721	0.00	0.762	27.836

CAST TG1-94-DI -022 LAT 08 00.6S LONG 170 02.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	29.905	34.355	0.00	29.902	21.278
74.	30.067	35.012	0.00	30.048	21.721
101.	29.174	35.563	0.00	29.149	22.439
148.	25.766	36.227	0.00	25.733	24.045
199.	21.985	36.043	0.00	21.946	25.028
300.	13.120	34.994	0.00	13.078	26.373
400.	8.921	34.671	0.00	8.877	26.880
498.	7.612	34.590	0.00	7.562	27.017
598.	6.643	34.556	0.00	6.588	27.126
802.	5.468	34.525	0.00	5.400	27.252
897.	4.975	34.528	0.00	4.901	27.313
998.	4.522	34.537	0.00	4.443	27.371

CAST TG1-94-DI -023 LAT 07 59.8S LONG 179 57.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.838	34.314	0.00	29.836	21.270
74.	29.981	34.502	0.00	29.962	21.368
99.	29.570	35.443	0.00	29.546	22.215
159.	25.324	35.939	0.00	25.289	23.964
197.	21.347	35.921	0.00	21.309	25.112
299.	13.175	35.016	0.00	13.134	26.379
398.	9.362	34.696	0.00	9.318	26.829
499.	7.802	34.601	0.00	7.752	26.997
596.	6.941	34.550	0.00	6.884	27.080
798.	5.522	34.525	0.00	5.454	27.245
899.	5.065	34.528	0.00	4.990	27.302
935.	4.922	34.532	0.00	4.845	27.322

CAST TG1-94-DI -024 LAT 05 03.2S LONG 179 54.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
15.	29.679	34.543	0.00	29.675	21.497
78.	28.866	35.499	0.00	28.847	22.492
149.	25.057	36.047	0.00	25.024	24.127
285.	11.583	34.873	0.00	11.547	26.577
541.	7.436	34.634	0.00	7.382	27.077
1003.	4.349	34.548	0.00	4.271	27.398
1345.	3.251	34.595	0.00	3.154	27.547
1999.	2.233	34.639	0.00	2.093	27.675
2498.	1.902	34.658	0.00	1.724	27.719
3006.	1.659	34.675	0.00	1.438	27.754
3583.	1.483	34.685	0.00	1.208	27.778
5847.	1.334	34.708	0.00	0.799	27.824

CAST TG1-94-DI -025 LAT 04 00.0S LONG 179 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.885	34.807	0.00	29.883	21.624
75.	29.297	35.434	0.00	29.279	22.299
100.	28.525	35.537	0.00	28.501	22.636
150.	23.211	36.054	0.00	23.180	24.683
199.	15.957	35.299	0.00	15.925	25.996
299.	10.445	34.779	0.00	10.409	26.709
400.	8.764	34.663	0.00	8.721	26.899
498.	7.671	34.609	0.00	7.621	27.023
600.	6.201	34.546	0.00	6.147	27.175
801.	4.998	34.541	0.00	4.933	27.319
898.	4.621	34.551	0.00	4.549	27.370
1002.	4.328	34.550	0.00	4.250	27.402

CAST TG1-94-DI -026 LAT 03 00.0S LONG 179 59.9E

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	29.387	35.386	0.00	29.384	22.227
74.	28.906	35.383	0.00	28.888	22.391
100.	28.853	35.482	0.00	28.829	22.485
151.	24.113	36.050	0.00	24.081	24.414
198.	15.804	35.307	0.00	15.773	26.037
300.	10.495	34.787	0.00	10.459	26.707
500.	7.625	34.593	0.00	7.575	27.017
600.	6.768	34.570	0.00	6.712	27.119
801.	5.107	34.543	0.00	5.041	27.309
901.	4.736	34.546	0.00	4.663	27.354
1003.	4.326	34.554	0.00	4.247	27.405

CAST TG1-94-DI -027 LAT 02 02.0S LONG 179 54.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.241	35.414	0.00	29.239	22.297
77.	28.858	35.399	0.00	28.840	22.419
99.	28.717	35.491	0.00	28.693	22.537
150.	25.592	35.990	0.00	25.559	23.920
200.	14.399	35.080	0.00	14.370	26.171
299.	10.863	34.814	0.00	10.826	26.662
396.	9.285	34.685	0.00	9.241	26.833
506.	7.805	34.610	0.00	7.753	27.005
600.	6.900	34.569	0.00	6.843	27.101
799.	5.338	34.543	0.00	5.270	27.281
894.	4.781	34.544	0.00	4.708	27.347
999.	4.407	34.554	0.00	4.328	27.397

CAST TG1-94-DI -028 LAT 01 00.3S LONG 179 51.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	29.166	35.449	0.00	29.163	22.349
76.	28.814	35.474	0.00	28.796	22.490
103.	28.465	35.447	0.00	28.440	22.588
147.	24.860	35.257	0.00	24.828	23.589
199.	15.665	35.215	0.00	15.634	25.997
301.	11.206	34.801	0.00	11.169	26.591
396.	9.789	34.709	0.00	9.744	26.768
494.	7.942	34.610	0.00	7.892	26.984
600.	6.946	34.568	0.00	6.889	27.094
799.	5.365	34.544	0.00	5.297	27.279
899.	4.665	34.548	0.00	4.593	27.363
1000.	4.217	34.560	0.00	4.139	27.422

CAST TG1-94-DI -029 LAT 00 05.1S LONG 179 58.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.735	35.358	0.00	28.733	22.424
74.	28.521	35.322	0.00	28.503	22.473
120.	26.396	35.121	0.00	26.369	23.011
149.	20.374	35.140	0.00	20.346	24.778
198.	17.269	35.216	0.00	17.235	25.625
298.	11.303	34.801	0.00	11.265	26.573
400.	9.376	34.684	0.00	9.331	26.817
500.	7.519	34.583	0.00	7.470	27.024
593.	6.660	34.559	0.00	6.604	27.125
799.	5.218	34.544	0.00	5.151	27.296
901.	4.842	34.547	0.00	4.769	27.343
1003.	4.232	34.558	0.00	4.154	27.418

CAST TG1-94-DI -030 LAT 01 00.0N LONG 179 50.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	28.867	35.250	0.00	28.864	22.300
73.	28.734	35.257	0.00	28.716	22.354
126.	24.897	34.837	0.00	24.870	23.259
149.	20.631	34.821	0.00	20.603	24.466
199.	15.449	34.923	0.00	15.419	25.821
298.	10.996	34.771	0.00	10.959	26.605
399.	9.647	34.693	0.00	9.601	26.780
499.	7.608	34.583	0.00	7.558	27.012
594.	6.579	34.561	0.00	6.524	27.137
800.	5.459	34.543	0.00	5.390	27.267
901.	4.806	34.547	0.00	4.733	27.347
1003.	4.409	34.553	0.00	4.330	27.396

CAST TG1-94-DI -031 LAT 01 59.3N LONG 179 51.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	28.899	35.005	0.00	28.897	22.105
73.	29.132	35.256	0.00	29.114	22.220
99.	27.825	35.050	0.00	27.802	22.499
149.	19.964	34.956	0.00	19.937	24.746
200.	12.072	34.725	0.00	12.046	26.367
297.	10.874	34.772	0.00	10.838	26.627
398.	9.864	34.695	0.00	9.818	26.745
499.	8.369	34.610	0.00	8.317	26.920
600.	6.837	34.565	0.00	6.780	27.107
798.	5.304	34.547	0.00	5.237	27.289
899.	4.758	34.549	0.00	4.686	27.354
1001.	4.295	34.559	0.00	4.217	27.413

CAST TG1-94-DI -032 LAT 02 59.8N LONG 179 53.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
8.	28.990	34.764	0.00	28.988	21.893
73.	28.860	34.849	0.00	28.842	22.006
98.	27.947	34.871	0.00	27.924	22.324
148.	17.565	34.852	0.00	17.540	25.272
198.	11.782	34.553	0.00	11.756	26.289
300.	9.825	34.622	0.00	9.791	26.693
397.	8.807	34.632	0.00	8.764	26.868
499.	7.850	34.594	0.00	7.799	26.985
599.	6.651	34.563	0.00	6.595	27.130
801.	5.180	34.545	0.00	5.113	27.302
899.	4.645	34.551	0.00	4.573	27.368
1004.	4.175	34.562	0.00	4.097	27.428

CAST TG1-94-DI -033 LAT 04 00.0N LONG 179 54.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.926	34.631	0.00	28.924	21.814
77.	29.086	34.965	0.00	29.067	22.017
97.	27.665	34.811	0.00	27.642	22.371
151.	17.792	34.780	0.00	17.766	25.162
201.	11.247	34.598	0.00	11.222	26.423
300.	9.245	34.638	0.00	9.212	26.801
400.	8.375	34.609	0.00	8.334	26.917
499.	7.425	34.579	0.00	7.376	27.035
600.	6.796	34.564	0.00	6.739	27.111
801.	5.229	34.545	0.00	5.162	27.295
892.	4.864	34.547	0.00	4.792	27.340
1000.	4.421	34.559	0.00	4.342	27.399

CAST TG1-94-DI -034 LAT 04 59.8N LONG 179 54.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.068	34.826	0.00	29.066	21.914
77.	28.204	34.731	0.00	28.186	22.134
120.	23.721	34.714	0.00	23.695	23.516
149.	17.977	34.726	0.00	17.951	25.076
200.	11.041	34.572	0.00	11.017	26.440
300.	9.245	34.641	0.00	9.212	26.803
402.	8.568	34.622	0.00	8.525	26.897
500.	7.726	34.590	0.00	7.676	27.000
602.	6.748	34.560	0.00	6.692	27.114
798.	5.163	34.548	0.00	5.097	27.305
899.	4.644	34.553	0.00	4.573	27.369
1005.	4.253	34.561	0.00	4.175	27.419

CAST TG1-94-DI -035 LAT 08 00.0N LONG 179 54.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
19.	28.578	34.419	0.00	28.573	21.772
80.	28.038	34.446	0.00	28.019	21.974
114.	23.415	34.669	0.00	23.391	23.571
148.	16.040	34.618	0.00	16.016	25.451
209.	11.240	34.647	0.00	11.214	26.462
310.	9.775	34.658	0.00	9.740	26.730
410.	8.827	34.623	0.00	8.782	26.858
501.	8.014	34.583	0.00	7.962	26.952
609.	6.571	34.543	0.00	6.514	27.125
810.	5.450	34.540	0.00	5.380	27.266
910.	4.894	34.544	0.00	4.819	27.335
1011.	4.481	34.551	0.00	4.400	27.387

CAST TG1-94-DI -037 LAT 02 59.8N LONG 170 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	29.019	35.026	0.00	29.016	22.080
75.	28.726	35.059	0.00	28.708	22.208
101.	28.664	35.105	0.00	28.640	22.265
150.	18.292	34.777	0.00	18.266	25.036
199.	10.933	34.634	0.00	10.908	26.507
299.	10.054	34.709	0.00	10.019	26.722
399.	8.765	34.631	0.00	8.722	26.874
502.	7.765	34.587	0.00	7.715	26.992
597.	6.864	34.565	0.00	6.807	27.103
800.	5.363	34.540	0.00	5.295	27.276
899.	4.901	34.544	0.00	4.828	27.334
1003.	4.324	34.556	0.00	4.245	27.407

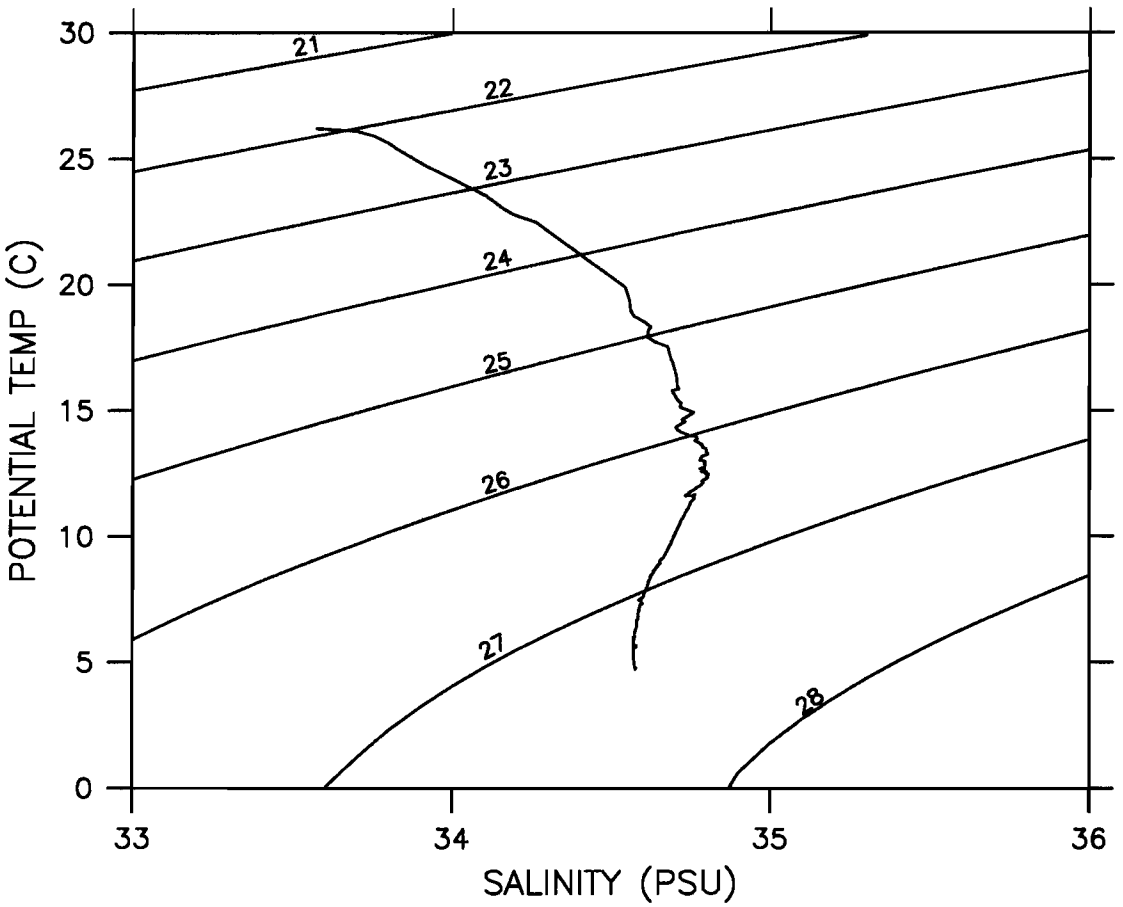
CAST TG1-94-DI -038 LAT 04 00.2N LONG 169 59.5W

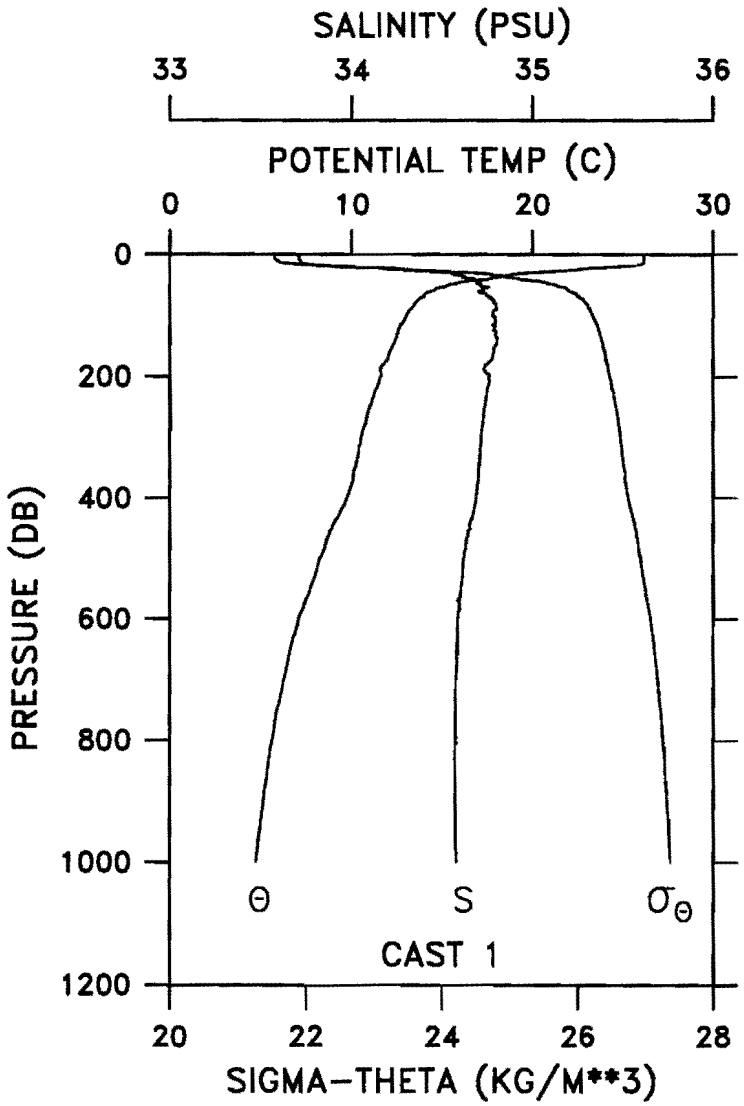
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	28.745	34.878	0.00	28.743	22.061
75.	28.805	35.095	0.00	28.787	22.208
101.	28.796	35.088	0.00	28.772	22.208
150.	17.046	34.678	0.00	17.022	25.263
202.	11.896	34.588	0.00	11.869	26.295
301.	9.469	34.630	0.00	9.436	26.758
400.	8.413	34.612	0.00	8.371	26.913
501.	7.516	34.577	0.00	7.467	27.020
599.	6.513	34.553	0.00	6.458	27.140
800.	5.334	34.538	0.00	5.266	27.278
901.	4.921	34.541	0.00	4.847	27.329
1002.	4.458	34.550	0.00	4.378	27.388

EP3-94-MB
August 4-26, 1994
CTD and Hydrographic Data Summary

CAST EP3-94-MB -001 DATE 08 AUG 94 TIME 0535 GMT

LAT 07 56.5N LONG 094 57.3W



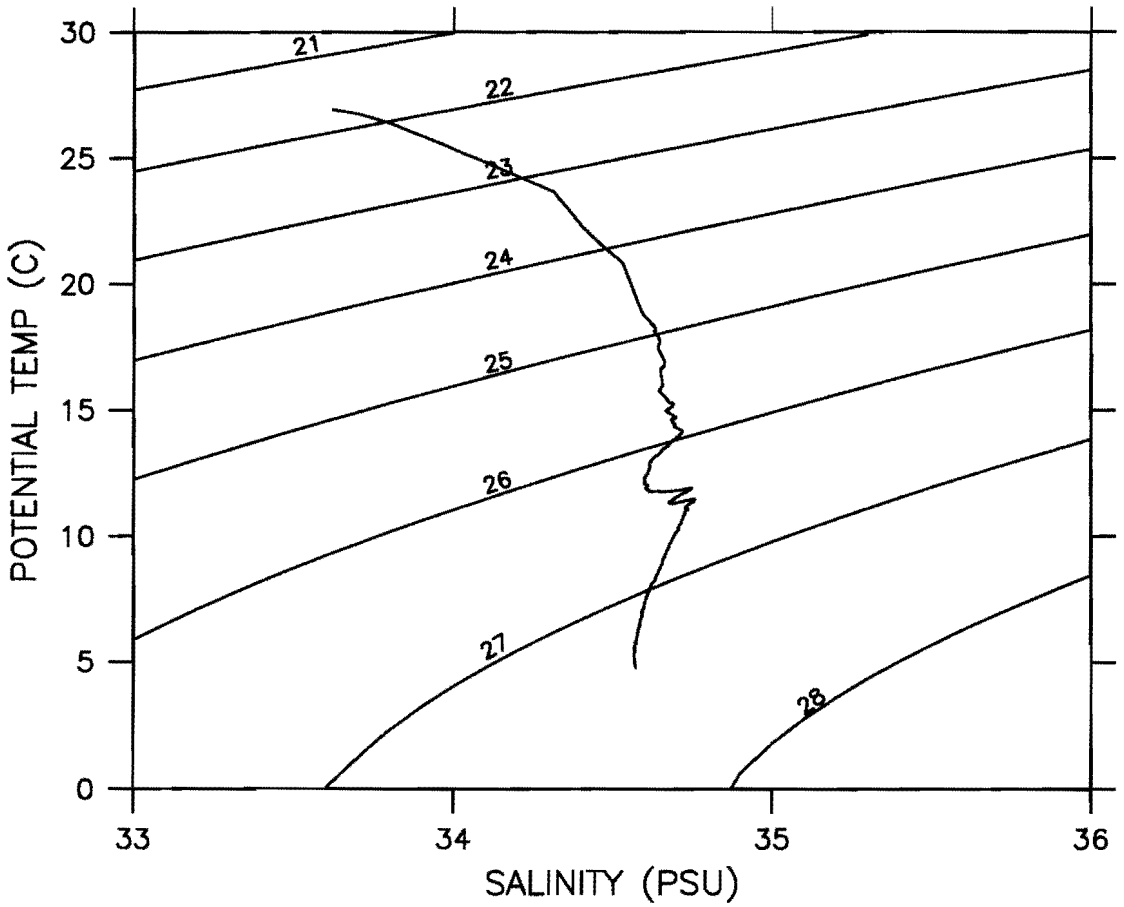


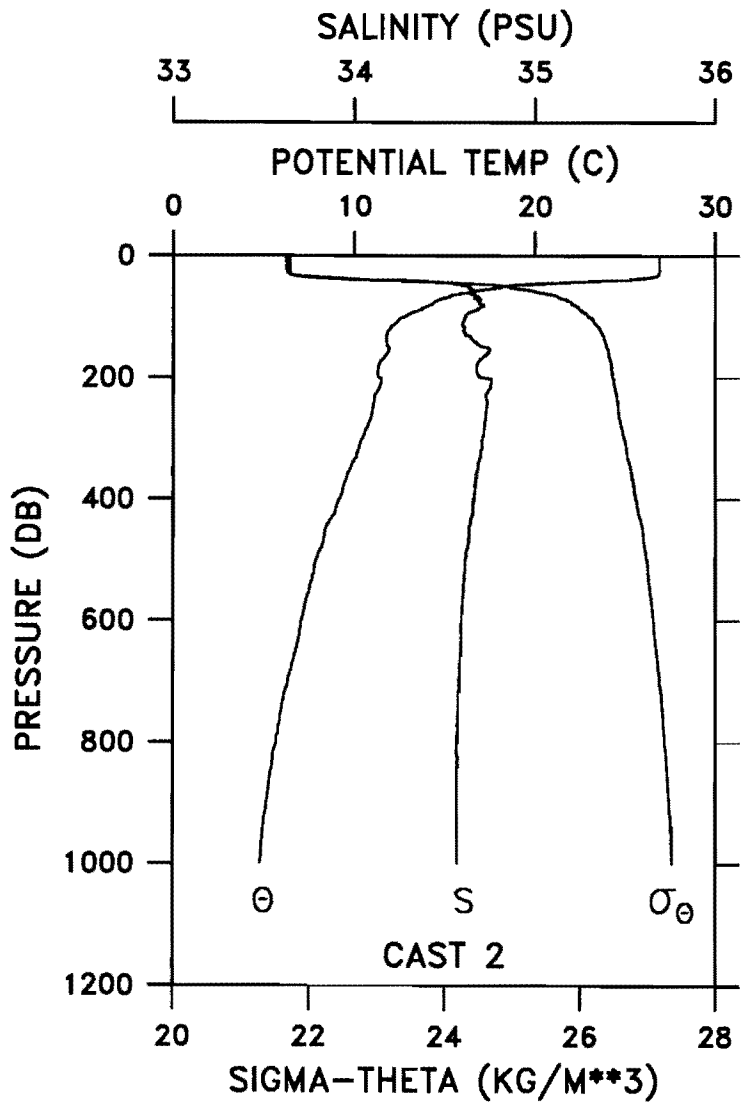
CAST EP3-94-MB -001 DATE 08 AUG 94 TIME 0535 GMT
LAT 07 56.5N LONG 094 57.3W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 248 T SPD 13 KT VISIBILITY 7
CLOUD 8 AMOUNT 7 DRY 25.0 WET 23.7 DEPTH 3530 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.213	33.573	21.893	0.000
10	26.198	33.588	21.909	0.059
20	24.688	33.919	22.620	0.117
30	19.897	34.544	24.443	0.160
40	17.543	34.676	25.136	0.191
50	15.339	34.715	25.678	0.217
60	14.460	34.718	25.872	0.239
70	13.941	34.769	26.022	0.260
80	13.545	34.787	26.118	0.279
90	13.273	34.805	26.187	0.298
100	13.031	34.778	26.215	0.316
110	12.870	34.797	26.263	0.334
120	12.648	34.791	26.302	0.352
130	12.537	34.798	26.329	0.369
140	12.410	34.802	26.357	0.386
150	12.274	34.798	26.380	0.403
160	12.103	34.788	26.405	0.420
170	12.019	34.780	26.415	0.436
180	11.733	34.744	26.442	0.453
190	11.605	34.736	26.459	0.469
200	11.608	34.760	26.478	0.485
250	10.993	34.736	26.572	0.562
300	10.534	34.718	26.639	0.637
350	10.176	34.704	26.691	0.709
400	9.756	34.690	26.751	0.779
450	8.938	34.654	26.858	0.845
500	8.262	34.621	26.937	0.908
550	7.738	34.605	27.003	0.966
600	7.094	34.588	27.081	1.022
650	6.637	34.582	27.140	1.074
700	6.252	34.578	27.187	1.124
750	5.877	34.573	27.231	1.172
800	5.616	34.572	27.263	1.218
900	5.123	34.571	27.321	1.306
1000	4.721	34.578	27.373	1.389
1000	4.721	34.578	27.373	1.389

CAST EP3-94-MB -002 DATE 08 AUG 94 TIME 1134 GMT

LAT 06 59.9N LONG 095 00.1W



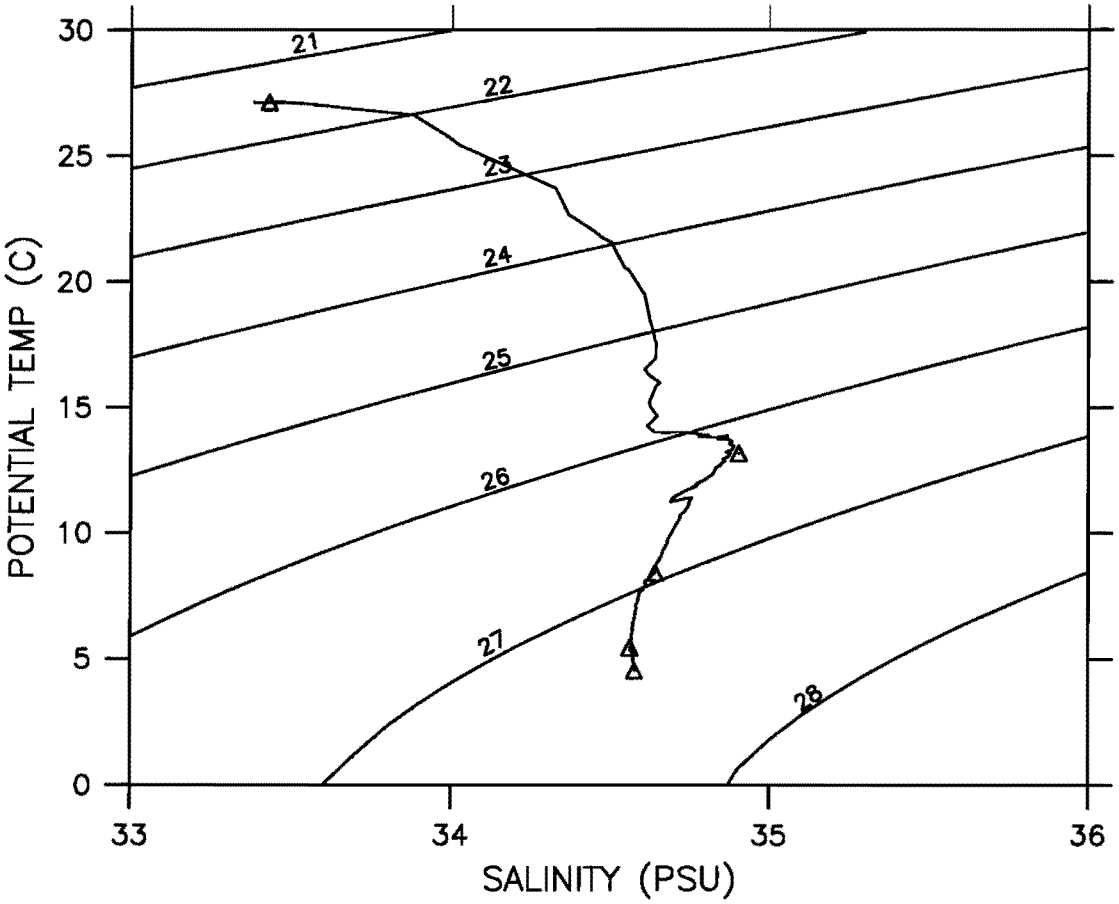


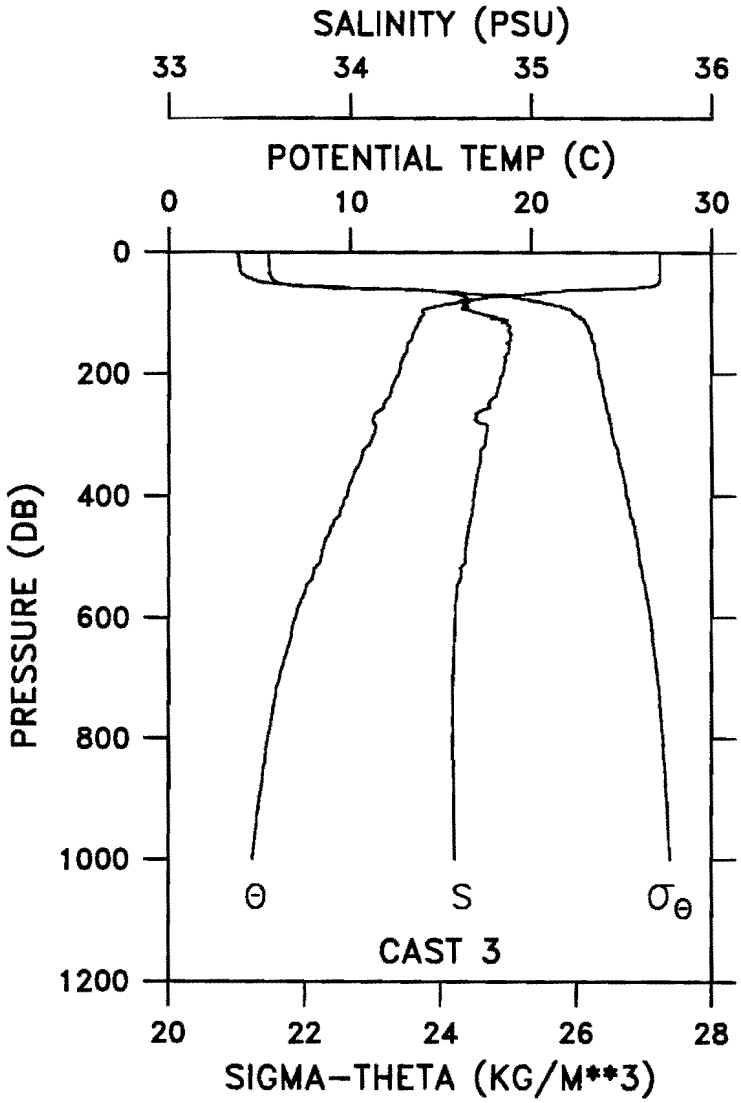
CAST EP3-94-MB -002 DATE 08 AUG 94 TIME 1134 GMT
LAT 06 59.9N LONG 095 00.1W WEATHER 5 SEA STATE 4
BAROMETER 13 WIND DIR 226 T SPD 20 KT VISIBILITY 7
CLOUD 4 AMOUNT 8 DRY 25.0 WET 24.8 DEPTH 3540 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.920	33.624	21.709	0.000
10	26.922	33.625	21.709	0.061
20	26.919	33.626	21.711	0.122
30	26.880	33.643	21.737	0.183
40	25.010	34.067	22.635	0.241
50	18.288	34.634	24.922	0.279
60	16.468	34.651	25.372	0.308
70	14.975	34.665	25.720	0.332
80	14.321	34.699	25.888	0.353
90	13.611	34.675	26.017	0.374
100	12.859	34.614	26.123	0.394
110	12.388	34.604	26.207	0.412
120	11.974	34.609	26.291	0.430
130	11.776	34.616	26.333	0.447
140	11.775	34.663	26.371	0.464
150	11.873	34.723	26.398	0.481
160	11.819	34.738	26.420	0.497
170	11.543	34.697	26.440	0.514
180	11.343	34.677	26.462	0.530
190	11.291	34.678	26.472	0.546
200	11.379	34.714	26.484	0.562
250	11.005	34.730	26.565	0.639
300	10.420	34.708	26.652	0.714
350	9.762	34.682	26.745	0.785
400	9.189	34.660	26.822	0.851
450	8.415	34.637	26.926	0.914
500	7.897	34.618	26.989	0.973
550	7.525	34.607	27.035	1.030
600	7.095	34.595	27.087	1.084
650	6.775	34.591	27.128	1.137
700	6.319	34.582	27.181	1.187
750	5.953	34.576	27.224	1.235
800	5.691	34.571	27.252	1.282
900	5.141	34.569	27.318	1.370
999	4.787	34.572	27.361	1.454

CAST EP3-94-MB -003 DATE 08 AUG 94 TIME 1717 GMT

LAT 05 59.6N LONG 094 59.4W



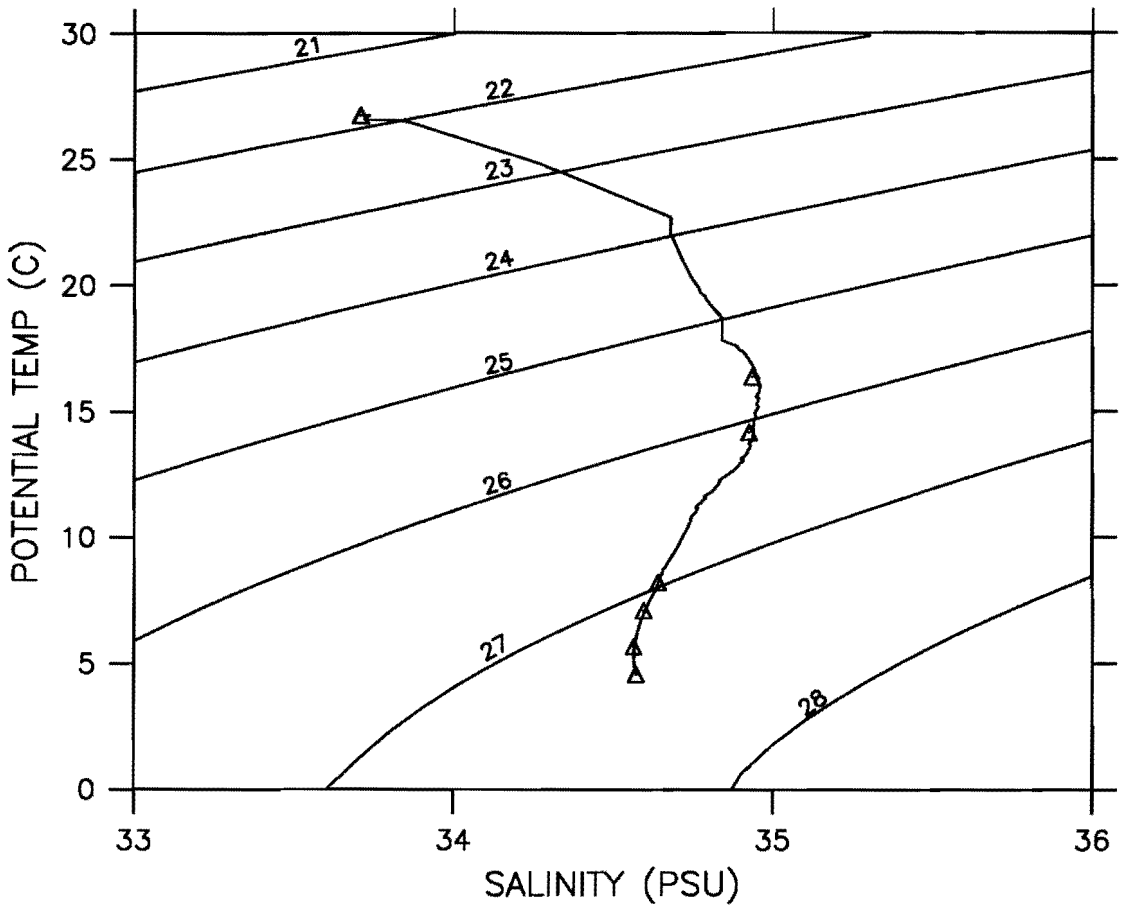


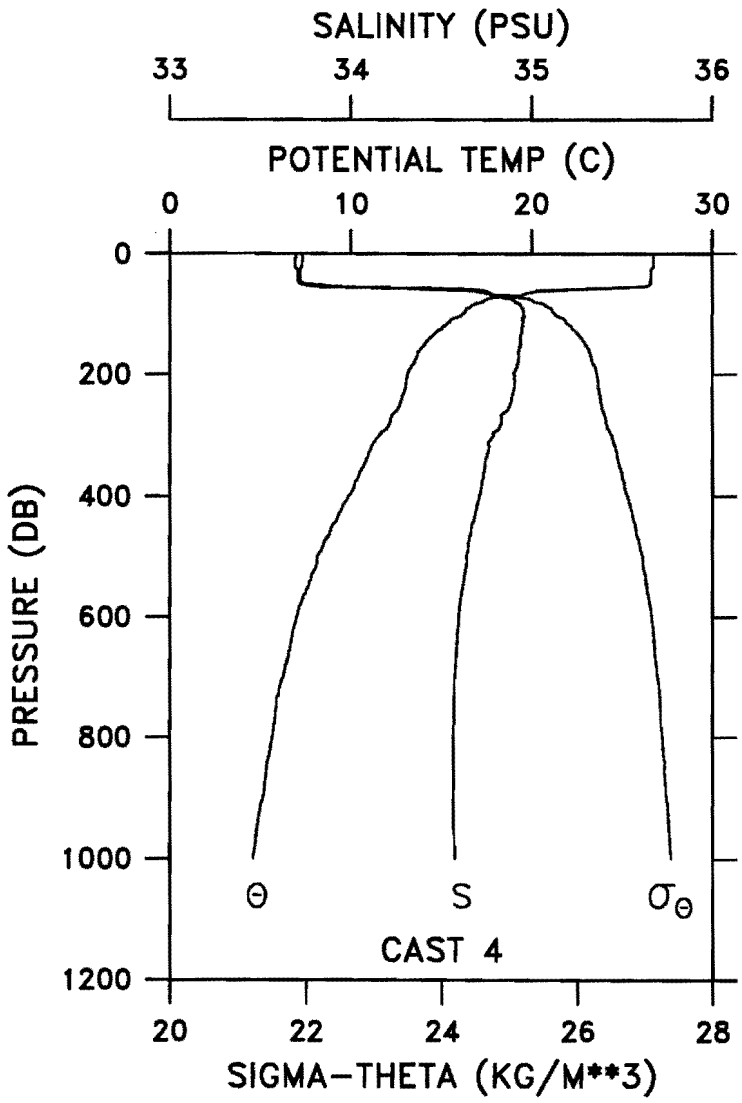
CAST EP3-94-MB -003 DATE 08 AUG 94 TIME 1717 GMT
LAT 05 59.6N LONG 094 59.4W WEATHER 2 SEA STATE 4
BAROMETER 13 WIND DIR 204 T SPD 18 KT VISIBILITY 7
CLOUD 5 AMOUNT 6 DRY 26.0 WET 24.0 DEPTH 3595 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.126	33.382	21.462	0.000
10	27.116	33.384	21.466	0.063
20	27.116	33.387	21.469	0.127
30	27.117	33.393	21.473	0.190
40	27.124	33.428	21.497	0.253
50	27.056	33.548	21.609	0.316
60	23.703	34.325	23.219	0.374
70	19.132	34.613	24.693	0.412
80	16.299	34.619	25.387	0.441
90	14.583	34.641	25.786	0.464
100	14.041	34.716	25.959	0.486
110	13.843	34.851	26.105	0.506
120	13.690	34.876	26.157	0.525
130	13.537	34.876	26.188	0.543
140	13.421	34.887	26.221	0.562
150	13.166	34.875	26.263	0.580
160	13.133	34.877	26.271	0.598
170	12.969	34.859	26.290	0.615
180	12.827	34.856	26.317	0.633
190	12.758	34.849	26.325	0.650
200	12.669	34.844	26.338	0.668
250	11.845	34.761	26.434	0.752
300	11.286	34.751	26.530	0.833
350	10.443	34.714	26.652	0.908
400	9.817	34.685	26.737	0.979
450	8.934	34.656	26.860	1.046
500	8.396	34.635	26.928	1.108
550	7.553	34.590	27.018	1.167
600	6.988	34.583	27.092	1.221
650	6.565	34.575	27.143	1.273
700	6.110	34.571	27.200	1.323
750	5.754	34.566	27.241	1.370
800	5.455	34.565	27.277	1.415
900	5.001	34.572	27.336	1.502
1000	4.604	34.578	27.386	1.583
1013	4.536	34.578	27.393	1.594

CAST EP3-94-MB -004 DATE 08 AUG 94 TIME 2253 GMT

LAT 04 59.5N LONG 094 59.5W



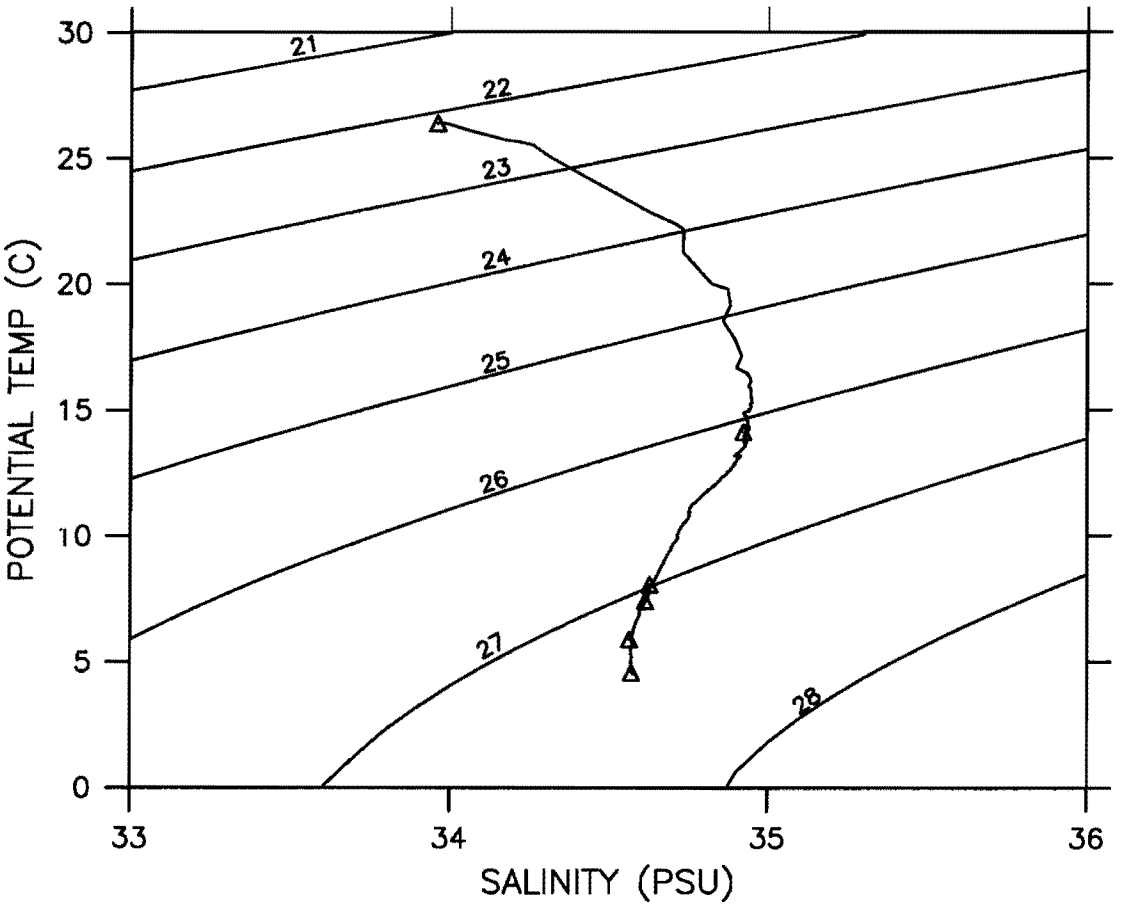


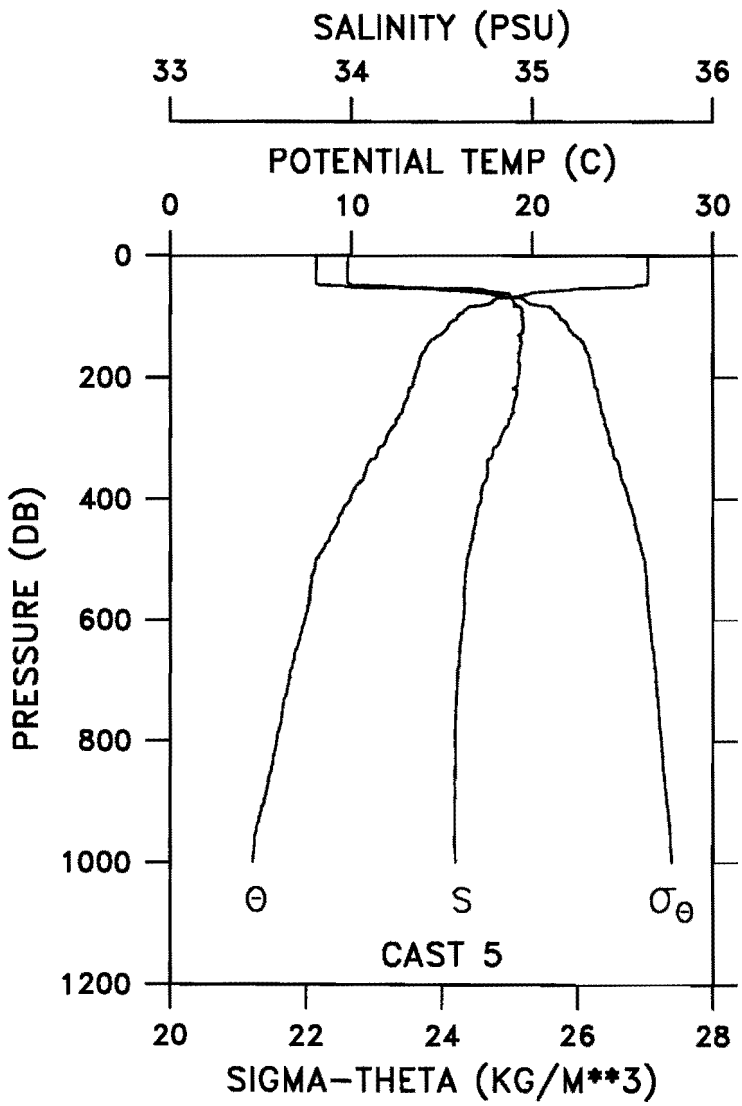
CAST EP3-94-MB -004 DATE 08 AUG 94 TIME 2253 GMT
LAT 04 59.5N LONG 094 59.5W WEATHER 1 SEA STATE 5
BAROMETER 12 WIND DIR 206 T SPD 21 KT VISIBILITY 7
CLOUD 5 AMOUNT 6 DRY 25.0 WET 23.1 DEPTH 3542 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.737	33.734	21.850	0.000
10	26.744	33.732	21.846	0.060
20	26.736	33.728	21.846	0.119
30	26.603	33.719	21.881	0.179
40	26.591	33.719	21.884	0.238
50	26.575	33.752	21.915	0.298
60	21.031	34.713	24.268	0.349
70	18.734	34.838	24.966	0.382
80	17.289	34.909	25.376	0.409
90	16.397	34.949	25.617	0.434
100	16.160	34.955	25.677	0.458
110	15.492	34.953	25.827	0.480
120	15.136	34.952	25.906	0.502
130	14.735	34.945	25.988	0.523
140	14.340	34.934	26.065	0.543
150	14.081	34.937	26.122	0.562
160	13.801	34.930	26.175	0.581
170	13.646	34.929	26.206	0.600
180	13.516	34.927	26.232	0.618
190	13.265	34.914	26.274	0.637
200	13.111	34.903	26.296	0.654
250	12.694	34.880	26.362	0.742
300	11.549	34.789	26.511	0.825
350	10.709	34.742	26.627	0.902
400	9.853	34.709	26.750	0.974
450	8.953	34.667	26.865	1.040
500	8.139	34.639	26.970	1.101
550	7.601	34.618	27.033	1.158
600	6.982	34.595	27.102	1.212
650	6.631	34.585	27.142	1.264
700	6.226	34.575	27.188	1.314
750	5.855	34.567	27.229	1.361
800	5.632	34.566	27.256	1.408
900	5.109	34.563	27.316	1.496
1000	4.580	34.571	27.383	1.578
1000	4.580	34.571	27.383	1.578

CAST EP3-94-MB -005 DATE 09 AUG 94 TIME 0415 GMT

LAT 03 59.8N LONG 094 59.9W



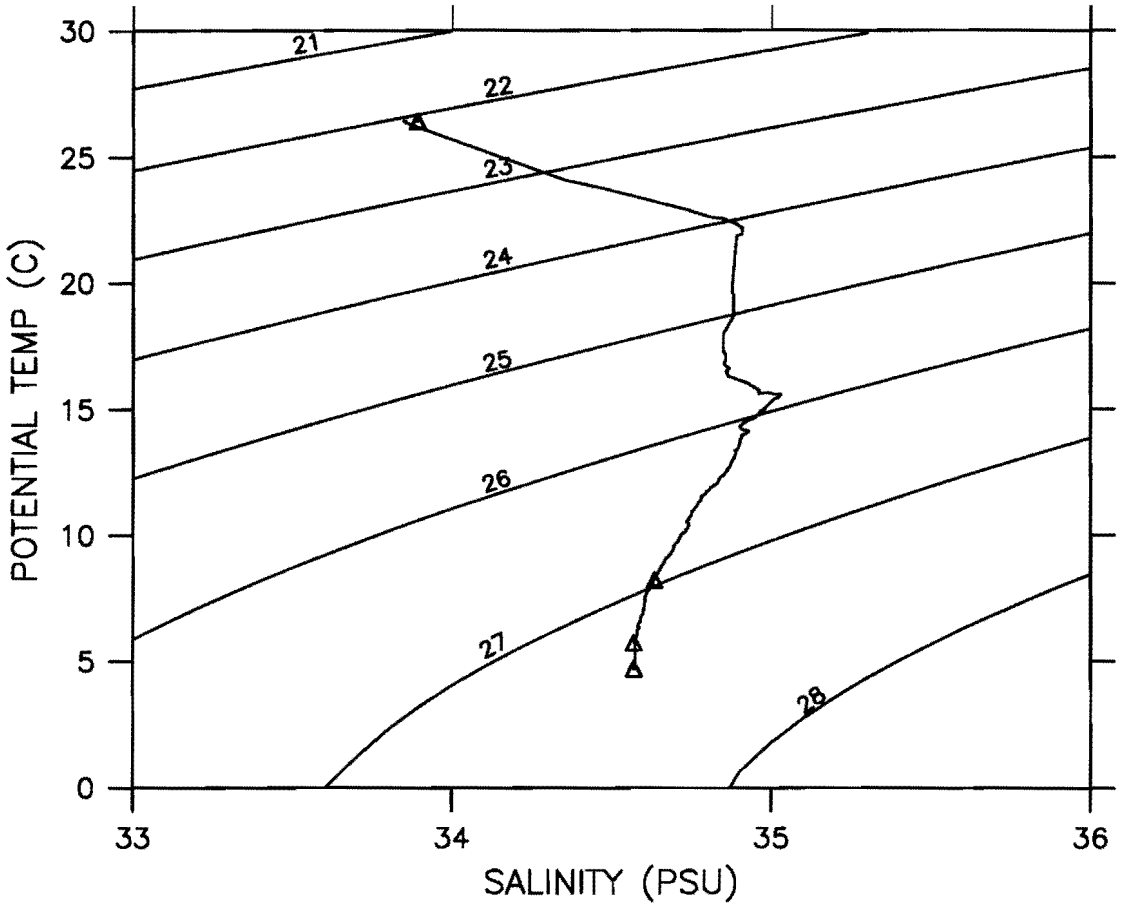


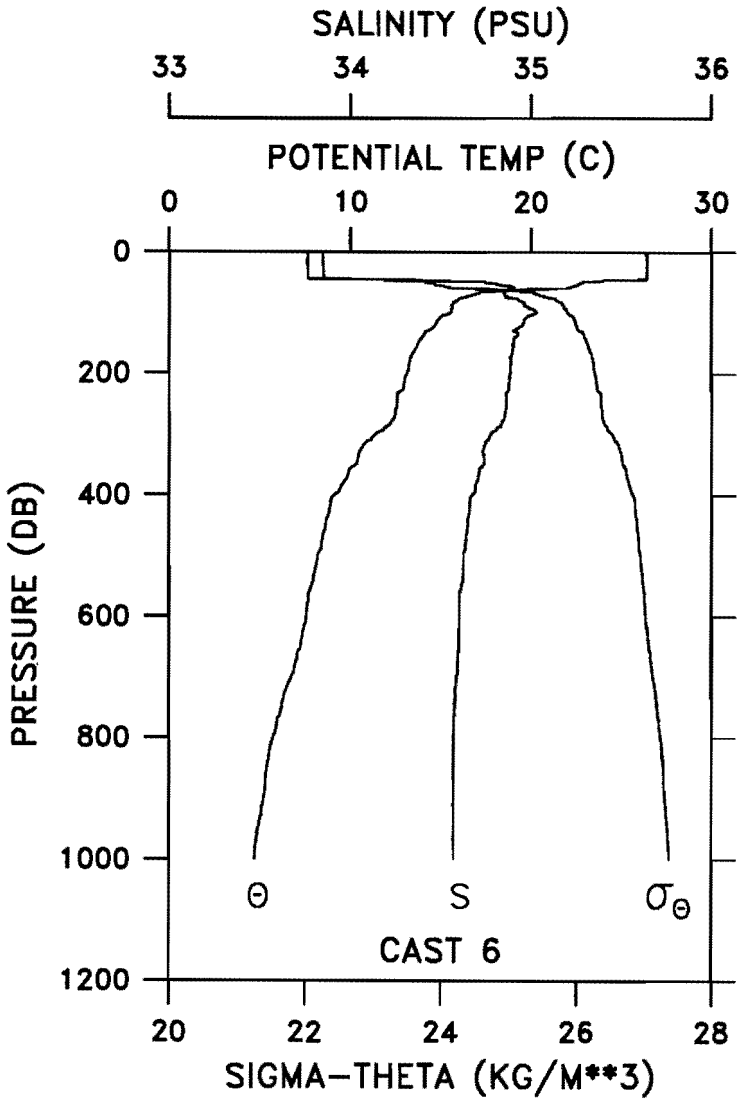
CAST EP3-94-MB -005 DATE 09 AUG 94 TIME 0415 GMT
LAT 03 59.8N LONG 094 59.9W WEATHER 1 SEA STATE 4
BAROMETER 13 WIND DIR 185 T SPD 19 KT VISIBILITY 7
CLOUD 2 AMOUNT 8 DRY 24.0 WET 21.5 DEPTH 3345 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.381	33.981	22.148	0.000
10	26.382	33.980	22.147	0.057
20	26.381	33.978	22.146	0.114
30	26.388	33.977	22.143	0.170
40	26.386	33.978	22.144	0.227
50	25.659	34.212	22.546	0.283
60	20.000	34.820	24.626	0.325
70	18.000	34.883	25.184	0.356
80	17.209	34.913	25.399	0.383
90	16.208	34.943	25.657	0.408
100	15.860	34.945	25.738	0.431
110	15.421	34.947	25.839	0.453
120	15.251	34.944	25.874	0.475
130	14.792	34.925	25.960	0.496
140	14.364	34.935	26.061	0.516
150	14.122	34.935	26.112	0.536
160	13.914	34.928	26.150	0.555
170	13.778	34.925	26.176	0.574
180	13.710	34.931	26.195	0.593
190	13.582	34.925	26.217	0.611
200	13.450	34.918	26.239	0.629
250	12.856	34.894	26.340	0.719
300	11.920	34.823	26.467	0.803
350	10.814	34.753	26.617	0.882
400	9.917	34.716	26.744	0.954
450	9.005	34.674	26.862	1.020
500	8.047	34.636	26.981	1.081
550	7.721	34.622	27.019	1.138
600	7.408	34.616	27.059	1.194
650	6.921	34.596	27.112	1.248
700	6.546	34.585	27.154	1.299
750	6.176	34.576	27.195	1.349
800	5.858	34.573	27.234	1.397
900	5.194	34.571	27.313	1.487
1000	4.540	34.574	27.390	1.569
1004	4.513	34.575	27.394	1.572

CAST EP3-94-MB -006 DATE 09 AUG 94 TIME 0945 GMT

LAT 03 00.4N LONG 095 00.2W



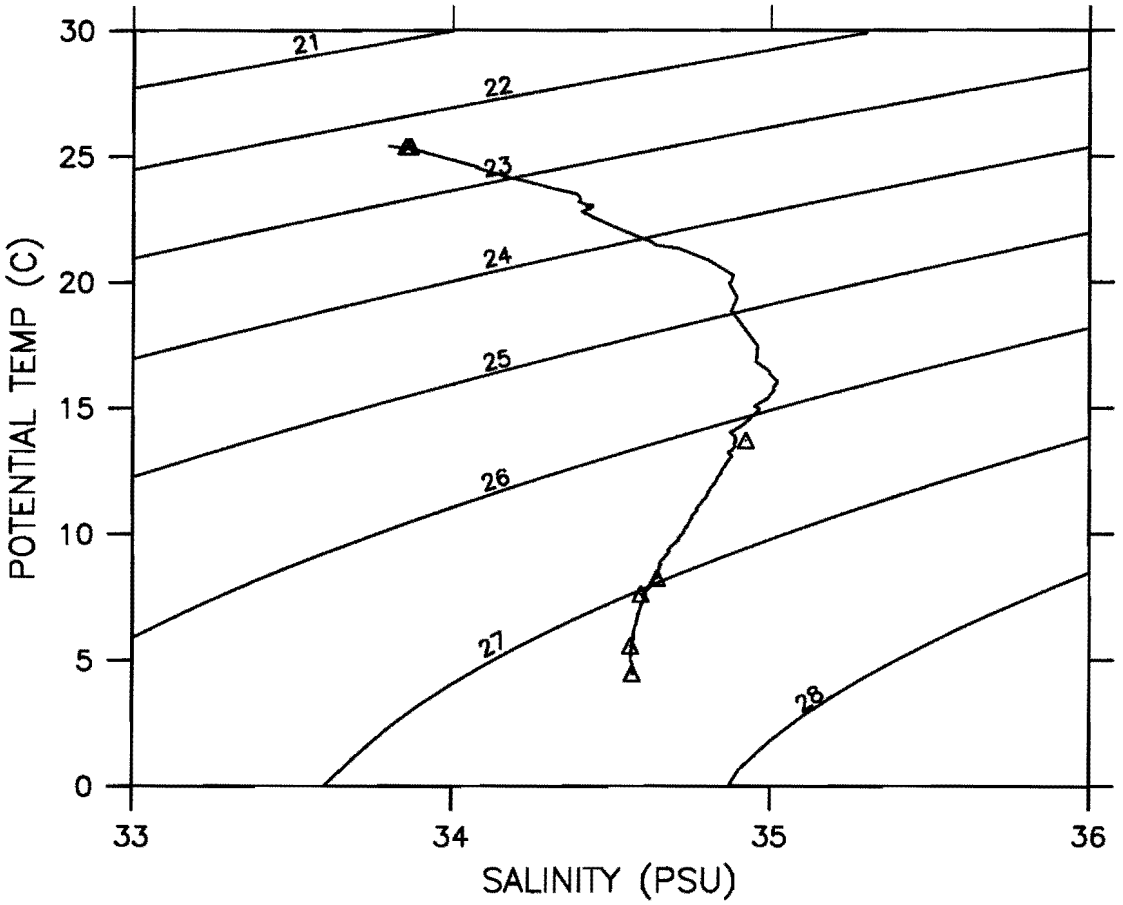


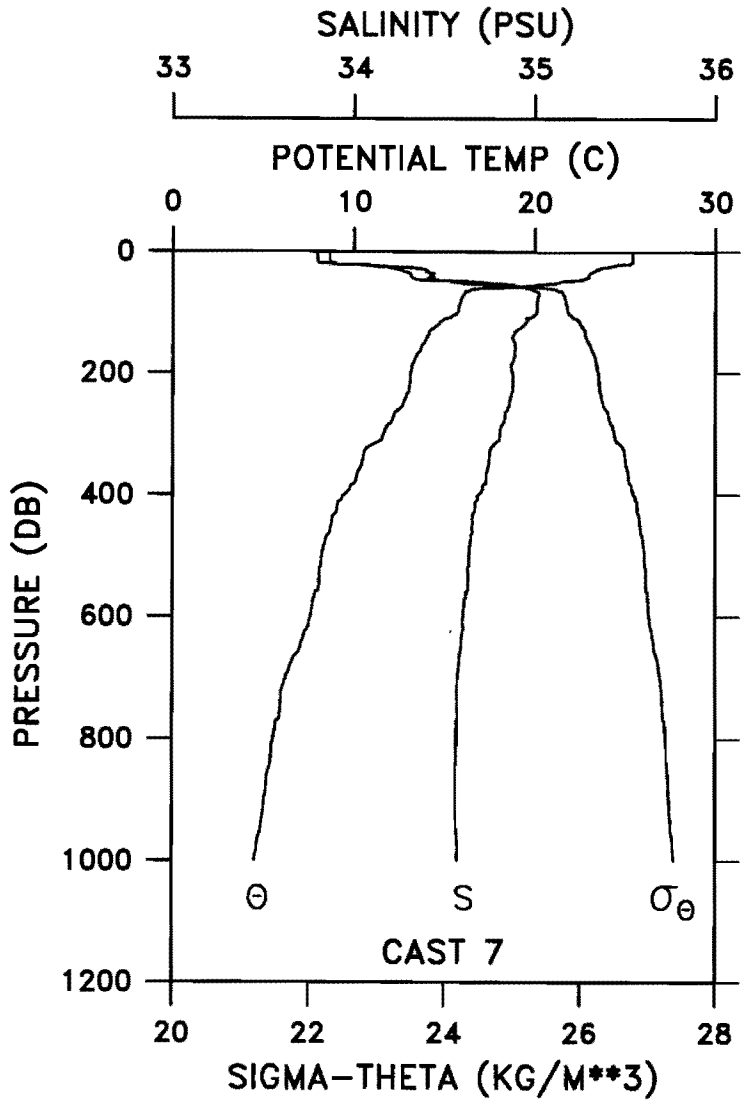
CAST EP3-94-MB -006 DATE 09 AUG 94 TIME 0945 GMT
LAT 03 00.4N LONG 095 00.2W WEATHER 2 SEA STATE 4
BAROMETER 12 WIND DIR 177 T SPD 14 KT VISIBILITY 7
CLOUD 2 AMOUNT 8 DRY 23.5 WET 21.0 DEPTH 3156 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.417	33.849	22.037	0.000
10	26.414	33.849	22.038	0.058
20	26.423	33.850	22.036	0.116
30	26.421	33.852	22.038	0.173
40	26.420	33.854	22.040	0.231
50	22.874	34.743	23.776	0.283
60	21.867	34.891	24.173	0.323
70	16.836	34.851	25.440	0.351
80	15.936	34.935	25.713	0.376
90	15.637	34.980	25.816	0.398
100	15.568	35.030	25.870	0.420
110	14.920	34.964	25.963	0.441
120	14.728	34.954	25.997	0.461
130	14.275	34.902	26.054	0.481
140	13.985	34.908	26.120	0.501
150	13.765	34.903	26.162	0.520
160	13.585	34.898	26.196	0.538
170	13.389	34.892	26.231	0.557
180	13.281	34.889	26.251	0.575
190	13.225	34.888	26.261	0.593
200	13.135	34.884	26.277	0.611
250	12.569	34.863	26.373	0.699
300	11.370	34.778	26.535	0.782
350	10.307	34.737	26.694	0.856
400	9.141	34.676	26.842	0.924
450	8.634	34.650	26.902	0.986
500	8.206	34.629	26.952	1.047
550	7.849	34.616	26.995	1.106
600	7.567	34.604	27.027	1.163
650	7.237	34.601	27.071	1.218
700	6.741	34.589	27.130	1.271
750	6.205	34.578	27.193	1.321
800	5.755	34.571	27.245	1.369
900	5.215	34.574	27.312	1.458
1000	4.707	34.574	27.371	1.542
1000	4.707	34.574	27.371	1.542

CAST EP3–94–MB –007 DATE 10 AUG 94 TIME 0347 GMT

LAT 01 59.8N LONG 095 00.4W



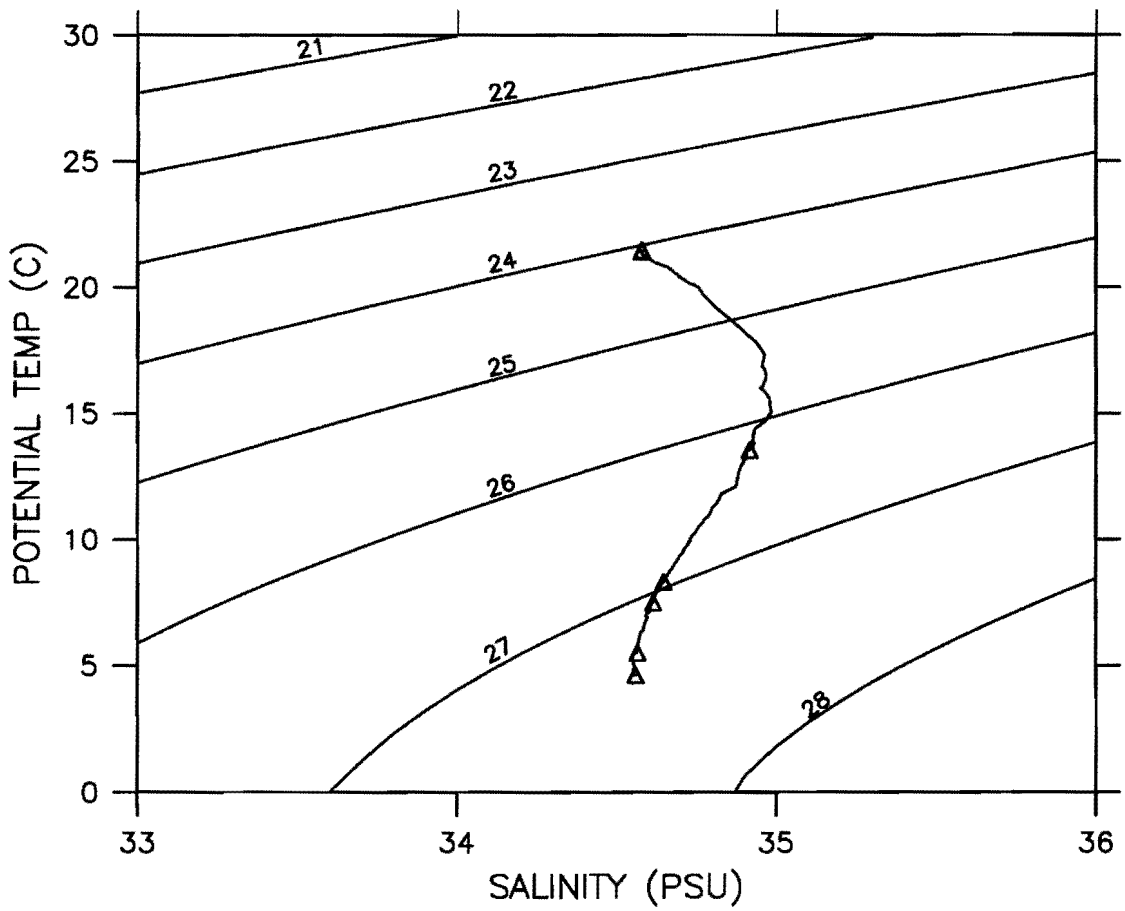


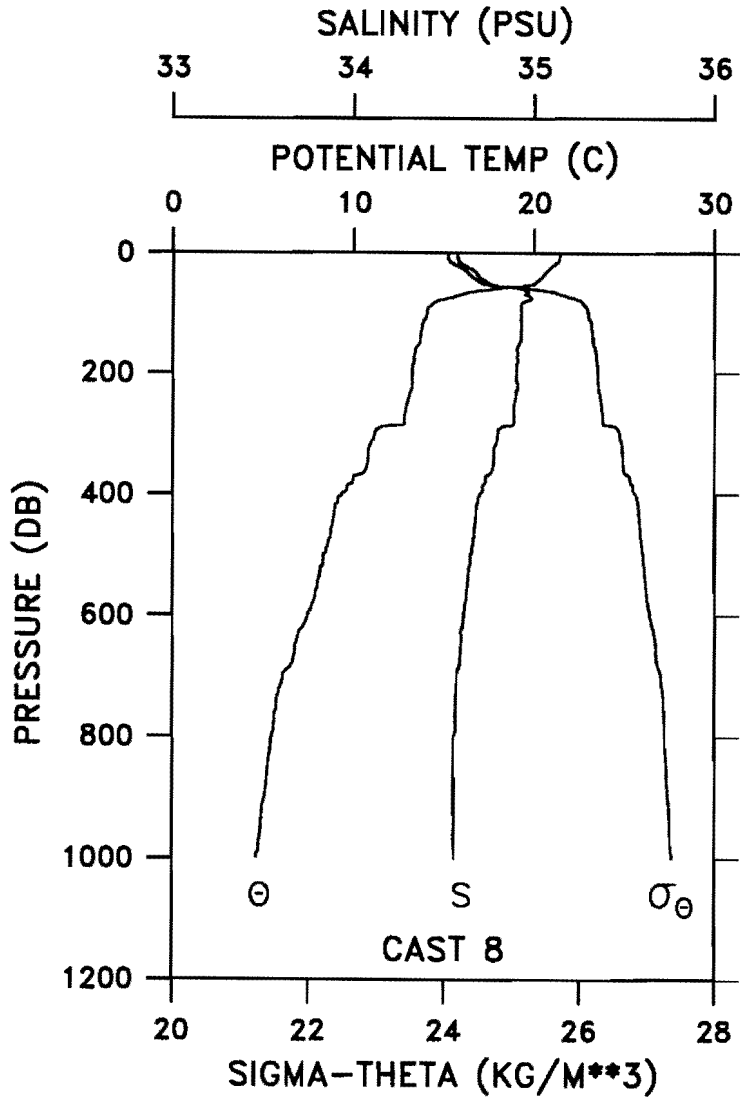
CAST EP3-94-MB -007 DATE 10 AUG 94 TIME 0347 GMT
LAT 01 59.8N LONG 095 00.4W WEATHER 0 SEA STATE 4
BAROMETER 15 WIND DIR 165 T SPD 15 KT VISIBILITY 6
CLOUD X AMOUNT 9 DRY 21.6 WET 19.0 DEPTH 2612 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.410	33.797	22.309	0.000
10	25.408	33.797	22.310	0.055
20	25.280	33.875	22.409	0.110
30	23.358	34.402	23.378	0.159
40	22.981	34.432	23.510	0.203
50	21.334	34.711	24.184	0.245
60	16.853	34.954	25.515	0.276
70	16.052	35.023	25.755	0.299
80	15.891	35.011	25.782	0.322
90	15.777	35.009	25.806	0.344
100	15.713	35.010	25.822	0.366
110	14.956	34.965	25.955	0.388
120	14.626	34.939	26.007	0.408
130	14.181	34.893	26.067	0.428
140	14.027	34.874	26.085	0.448
150	13.866	34.890	26.131	0.467
160	13.696	34.891	26.167	0.486
170	13.489	34.888	26.208	0.505
180	13.340	34.880	26.232	0.523
190	13.204	34.870	26.252	0.541
200	13.137	34.875	26.269	0.560
250	12.732	34.859	26.338	0.649
300	11.653	34.806	26.504	0.732
350	10.431	34.744	26.678	0.807
400	9.486	34.687	26.795	0.876
450	8.745	34.654	26.888	0.940
500	8.225	34.637	26.955	1.001
550	8.063	34.633	26.976	1.060
600	7.589	34.604	27.024	1.117
650	7.039	34.593	27.093	1.172
700	6.248	34.575	27.185	1.223
750	5.933	34.573	27.224	1.271
800	5.562	34.566	27.264	1.317
900	5.057	34.563	27.322	1.405
1000	4.518	34.570	27.389	1.487
1004	4.476	34.572	27.395	1.490

CAST EP3-94-MB -008 DATE 10 AUG 94 TIME 0949 GMT

LAT 01 00.0N LONG 094 58.6W



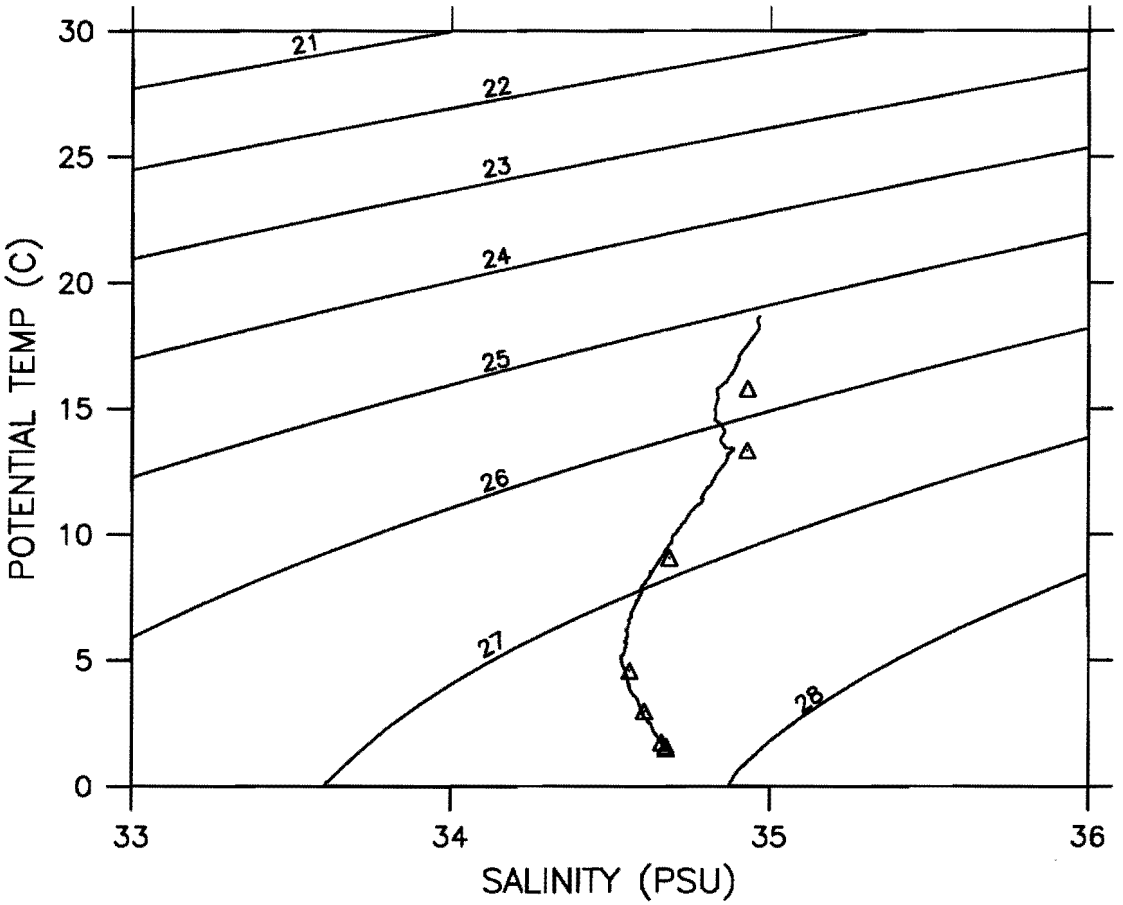


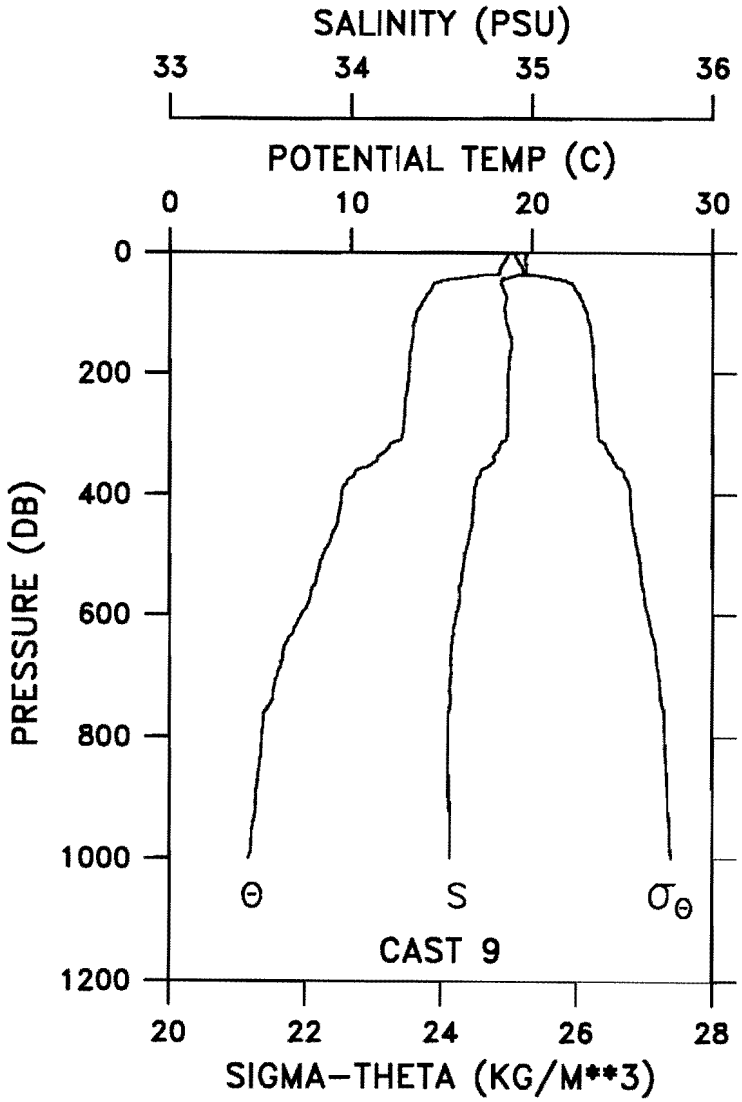
CAST EP3-94-MB -008 DATE 10 AUG 94 TIME 0949 GMT
LAT 01 00.0N LONG 094 58.6W WEATHER 1 SEA STATE 4
BAROMETER 13 WIND DIR 158 T SPD 15 KT VISIBILITY 7
CLOUD 8 AMOUNT 1 DRY 20.0 WET 19.2 DEPTH 2462 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.419	34.574	24.056	0.000
10	21.408	34.574	24.060	0.038
20	21.162	34.597	24.144	0.077
30	20.735	34.666	24.312	0.113
40	20.455	34.694	24.409	0.149
50	20.066	34.745	24.551	0.184
60	17.809	34.936	25.271	0.215
70	15.891	34.961	25.743	0.239
80	14.635	34.956	26.019	0.260
90	14.135	34.925	26.101	0.280
100	14.040	34.928	26.124	0.299
110	13.957	34.926	26.140	0.318
120	13.796	34.928	26.175	0.337
130	13.730	34.926	26.187	0.356
140	13.685	34.925	26.196	0.374
150	13.657	34.921	26.198	0.393
160	13.423	34.903	26.233	0.411
170	13.358	34.906	26.248	0.429
180	13.336	34.905	26.252	0.447
190	13.258	34.902	26.265	0.466
200	13.243	34.900	26.267	0.484
250	12.964	34.891	26.316	0.573
300	11.167	34.797	26.588	0.658
350	10.771	34.774	26.841	0.732
400	9.359	34.699	26.825	0.802
450	8.826	34.671	26.889	0.865
500	8.347	34.645	26.943	0.926
550	8.002	34.630	26.983	0.986
600	7.482	34.610	27.044	1.043
650	6.767	34.593	27.130	1.096
700	6.083	34.573	27.205	1.147
750	5.730	34.568	27.245	1.193
800	5.473	34.556	27.267	1.239
900	5.098	34.556	27.312	1.327
1000	4.632	34.558	27.366	1.411
1003	4.628	34.558	27.367	1.414

CAST EP3-94-MB -009 DATE 10 AUG 94 TIME 1646 GMT

LAT 00 01.7S LONG 094 55.4W



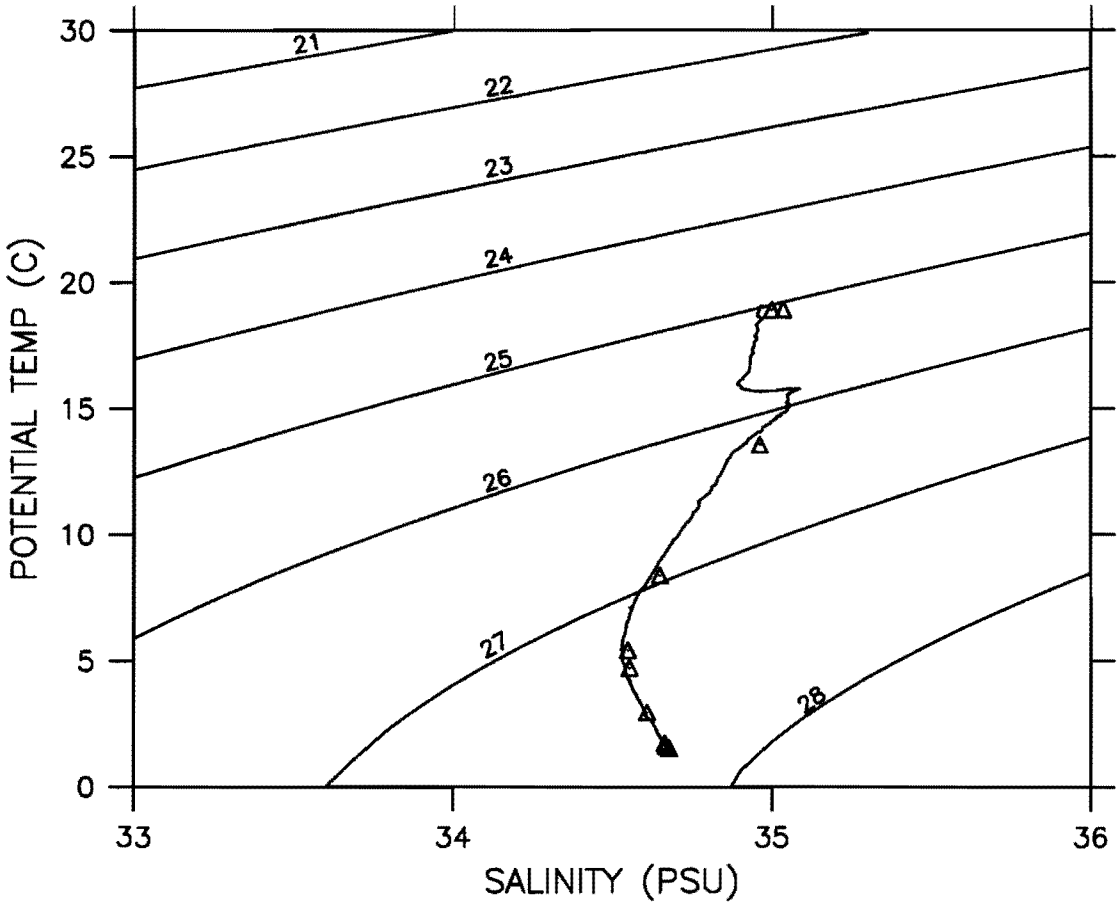


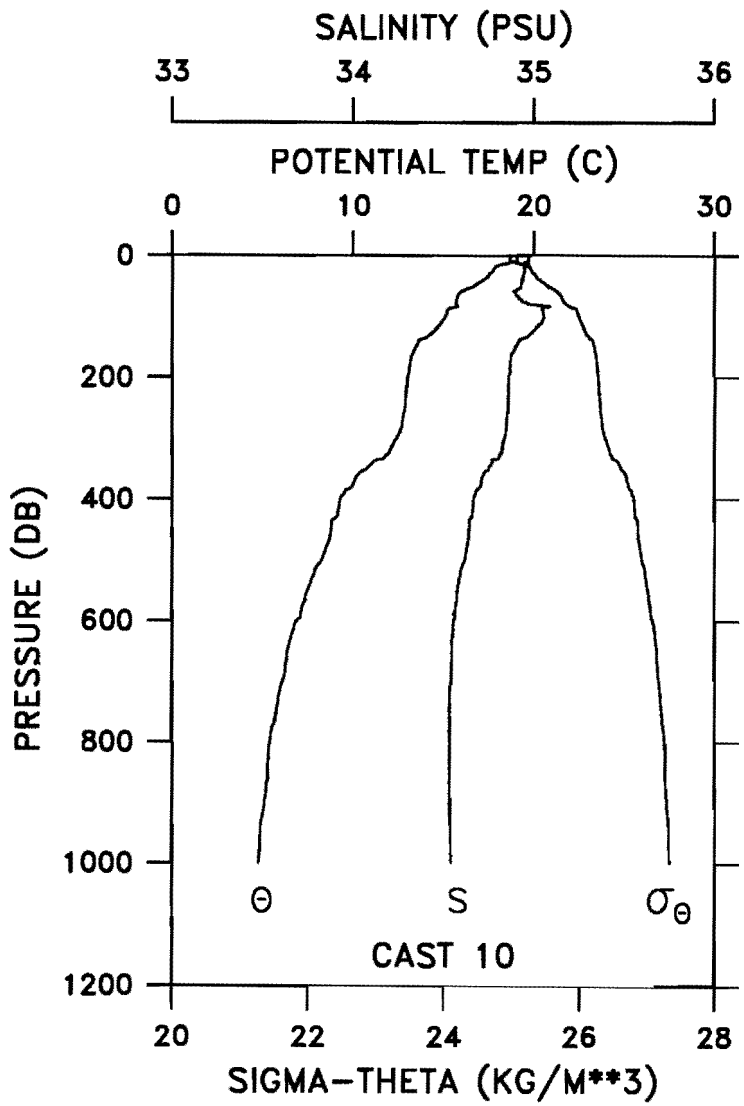
CAST EP3-94-MB -009 DATE 10 AUG 94 TIME 1646 GMT
LAT 00 01.7S LONG 094 55.4W WEATHER 1 SEA STATE 4
BAROMETER 14 WIND DIR 171 T SPD 06 KT VISIBILITY 7
CLOUD 4 AMOUNT 5 DRY 21.5 WET 20.0 DEPTH 3310 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	18.666	34.968	25.083	0.000
10	18.566	34.962	25.103	0.029
20	18.318	34.965	25.168	0.057
30	18.212	34.966	25.195	0.085
40	16.482	34.885	25.549	0.112
50	14.585	34.828	25.931	0.134
60	14.438	34.840	25.971	0.155
70	14.174	34.855	26.039	0.175
80	13.994	34.854	26.077	0.194
90	13.824	34.847	26.106	0.214
100	13.620	34.851	26.152	0.233
110	13.561	34.855	26.167	0.252
120	13.450	34.862	26.196	0.270
130	13.434	34.870	26.205	0.289
140	13.422	34.883	26.217	0.307
150	13.371	34.886	26.230	0.325
160	13.331	34.885	26.237	0.343
170	13.258	34.876	26.245	0.362
180	13.235	34.874	26.248	0.380
190	13.221	34.872	26.250	0.398
200	13.199	34.869	26.252	0.416
250	12.980	34.865	26.293	0.506
300	12.855	34.861	26.315	0.596
350	11.139	34.773	26.574	0.679
400	9.483	34.680	26.790	0.749
450	9.229	34.669	26.822	0.815
500	8.473	34.630	26.912	0.879
550	8.020	34.606	26.961	0.939
600	7.293	34.584	27.050	0.997
650	6.366	34.558	27.156	1.050
700	5.932	34.555	27.210	1.098
750	5.477	34.549	27.261	1.145
800	5.074	34.536	27.299	1.188
900	4.751	34.542	27.341	1.273
1000	4.358	34.553	27.393	1.354
1500	2.911	34.602	27.575	1.701
2000	2.078	34.644	27.680	1.983
2500	1.734	34.663	27.723	2.230
2999	1.514	34.679	27.752	2.462

CAST EP3-94-MB -010 DATE 11 AUG 94 TIME 0146 GMT

LAT 01 01.1S LONG 094 56.8W



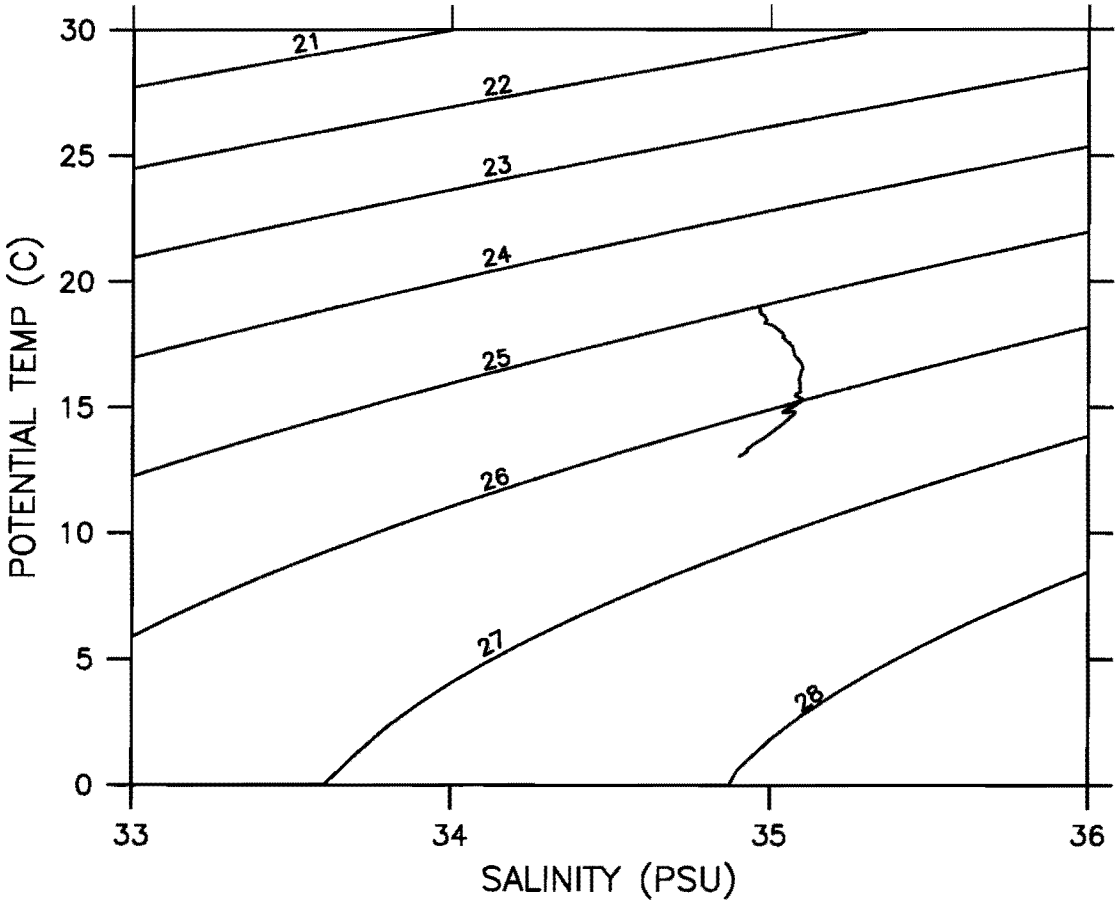


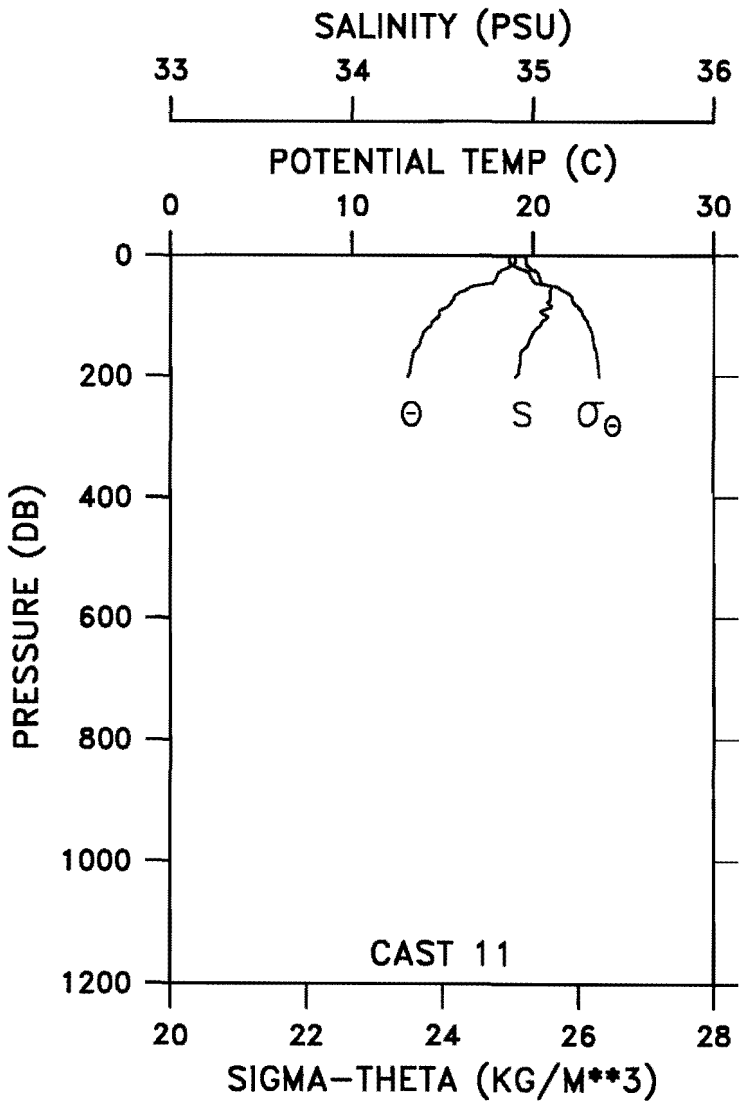
CAST EP3-94-MB -010 DATE 11 AUG 94 TIME 0146 GMT
LAT 01 01.1S LONG 094 56.8W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 155 T SPD 12 KT VISIBILITY 7
CLOUD 5 AMOUNT 7 DRY 20.5 WET 19.8 DEPTH 3404 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.067	34.969	24.982	0.000
10	19.085	34.965	24.974	0.030
20	17.818	34.951	25.280	0.058
30	17.523	34.943	25.346	0.084
40	17.184	34.941	25.426	0.110
50	16.696	34.928	25.532	0.136
60	15.943	34.893	25.679	0.159
70	15.753	34.915	25.739	0.182
80	15.686	34.968	25.796	0.205
90	15.218	35.047	25.961	0.226
100	15.112	35.055	25.990	0.247
110	14.887	35.045	26.032	0.267
120	14.609	35.014	26.068	0.287
130	14.290	34.978	26.109	0.306
140	13.611	34.916	26.204	0.325
150	13.439	34.899	26.226	0.344
160	13.294	34.880	26.241	0.362
170	13.195	34.872	26.255	0.380
180	13.138	34.869	26.264	0.398
190	13.095	34.869	26.273	0.416
200	13.008	34.862	26.285	0.434
250	12.857	34.856	26.311	0.523
300	12.409	34.839	26.385	0.610
350	10.751	34.751	26.626	0.691
400	9.289	34.666	26.811	0.760
450	8.784	34.641	26.872	0.825
500	8.295	34.618	26.930	0.887
550	7.479	34.577	27.018	0.945
600	6.860	34.556	27.089	1.000
650	6.344	34.545	27.149	1.052
700	6.055	34.541	27.183	1.101
750	5.725	34.533	27.218	1.149
800	5.386	34.536	27.262	1.196
900	5.064	34.533	27.297	1.285
1000	4.737	34.541	27.341	1.370
1500	2.959	34.602	27.571	1.735
2000	2.081	34.644	27.680	2.016
2500	1.726	34.664	27.724	2.263
2999	1.522	34.679	27.751	2.497

CAST EP3-94-MB -011 DATE 11 AUG 94 TIME 0810 GMT

LAT 01 59.2S LONG 095 00.8W



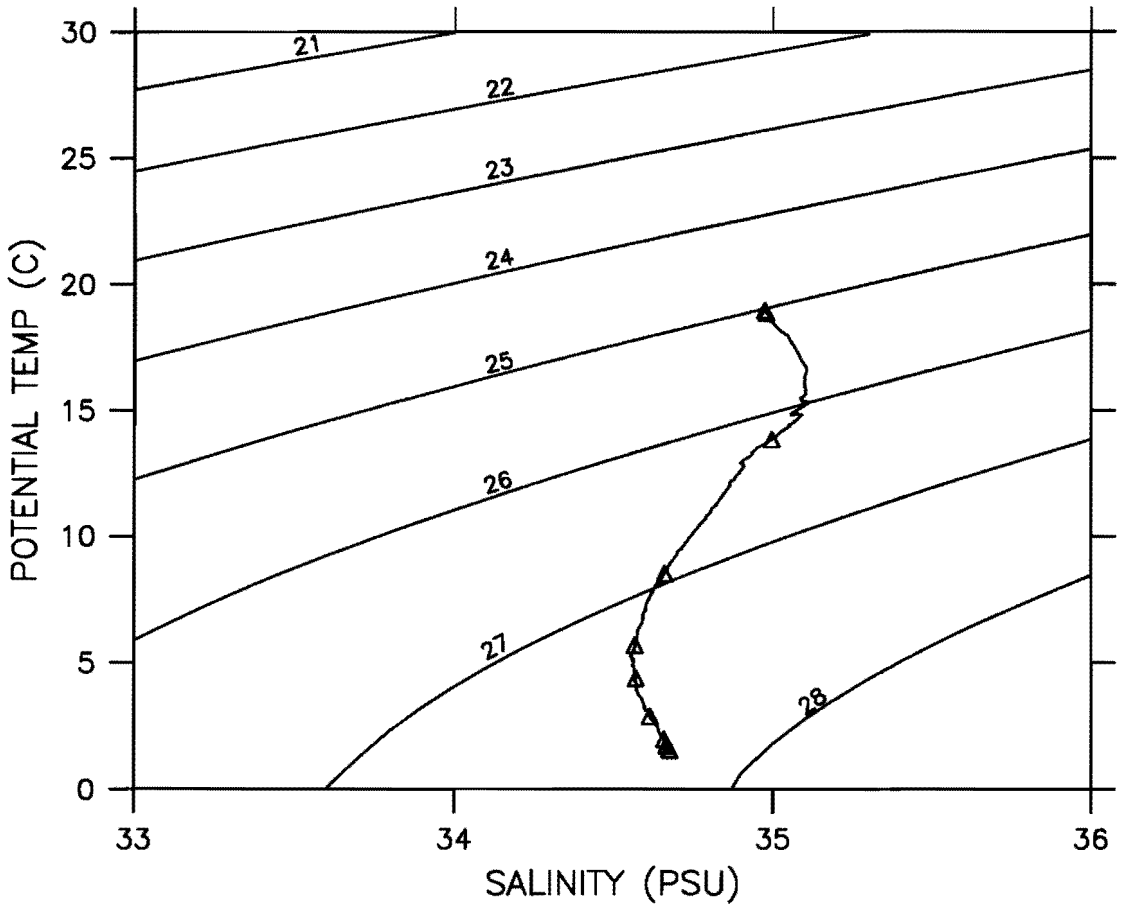


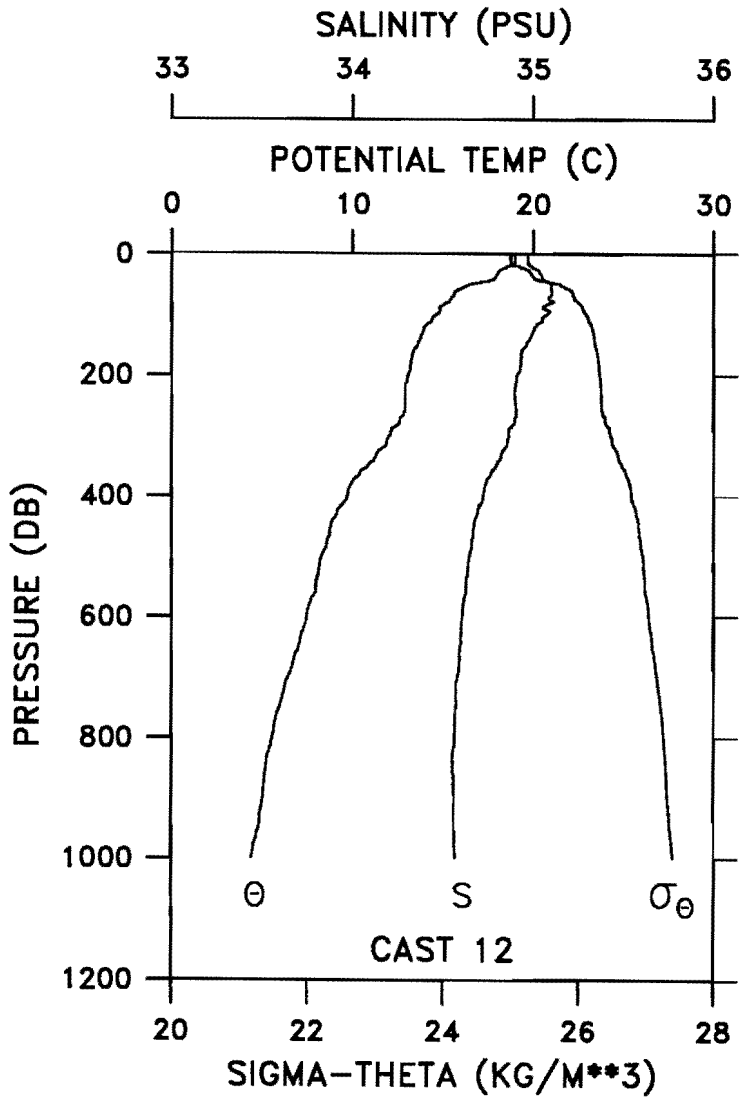
CAST EP3-94-MB -011 DATE 11 AUG 94 TIME 0810 GMT
LAT 01 59.2S LONG 095 00.8W WEATHER 2 SEA STATE 2
BAROMETER 11 WIND DIR 187 T SPD 04 KT VISIBILITY 6
CLOUD 5 AMOUNT 6 DRY 20.0 WET 20.0 DEPTH 3328 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.021	34.962	24.988	0.000
10	19.019	34.962	24.988	0.030
20	18.624	34.981	25.103	0.059
30	18.052	35.028	25.282	0.086
40	17.930	35.040	25.321	0.113
50	16.729	35.099	25.655	0.139
60	15.999	35.094	25.821	0.161
70	15.620	35.096	25.908	0.183
80	15.452	35.084	25.937	0.204
90	14.928	35.054	26.030	0.224
100	14.792	35.080	26.080	0.244
110	14.404	35.046	26.138	0.263
120	14.149	35.019	26.171	0.282
130	13.917	34.996	26.202	0.301
140	13.787	34.980	26.217	0.319
150	13.666	34.966	26.231	0.337
160	13.402	34.934	26.261	0.355
170	13.319	34.928	26.273	0.373
180	13.244	34.927	26.288	0.391
190	13.177	34.921	26.296	0.409
200	13.077	34.905	26.304	0.426
201	13.053	34.901	26.307	0.428

CAST EP3-94-MB -012 DATE 11 AUG 94 TIME 0935 GMT

LAT 01 59.2S LONG 095 01.0W



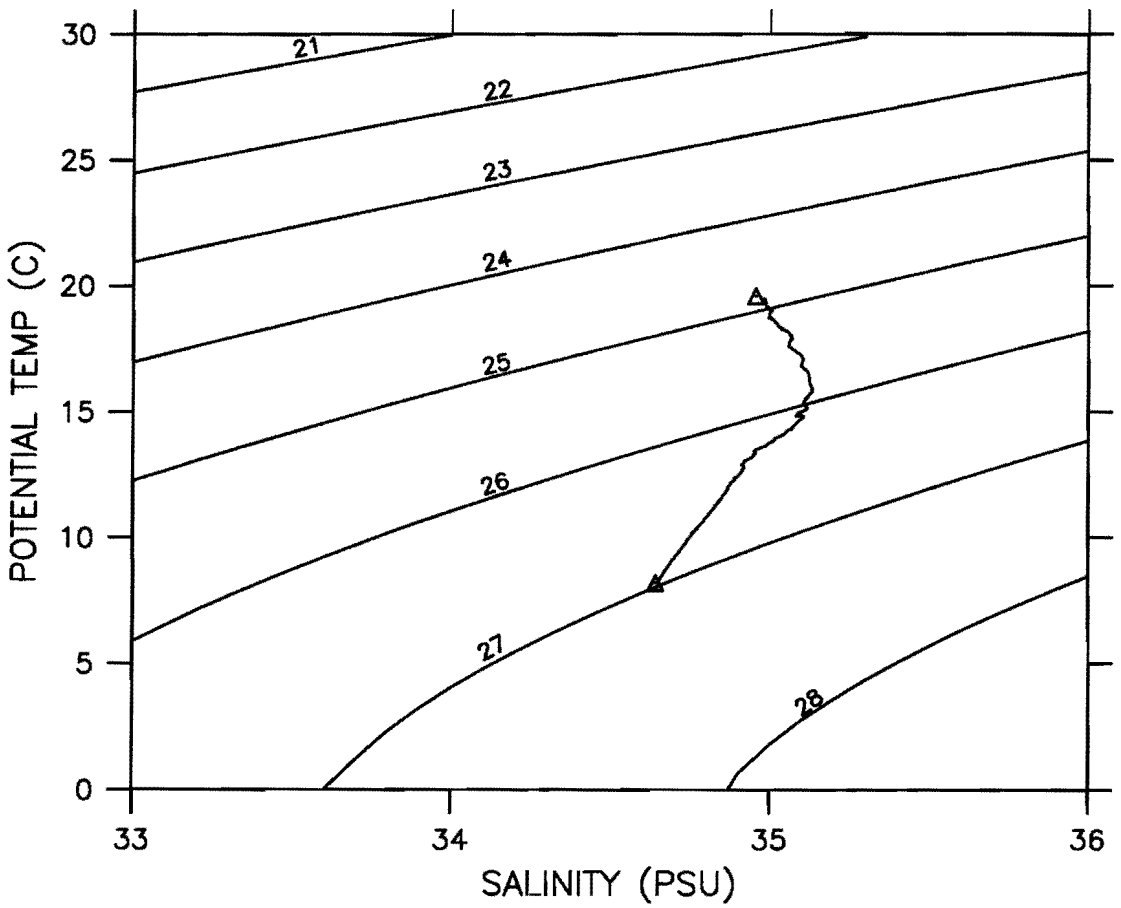


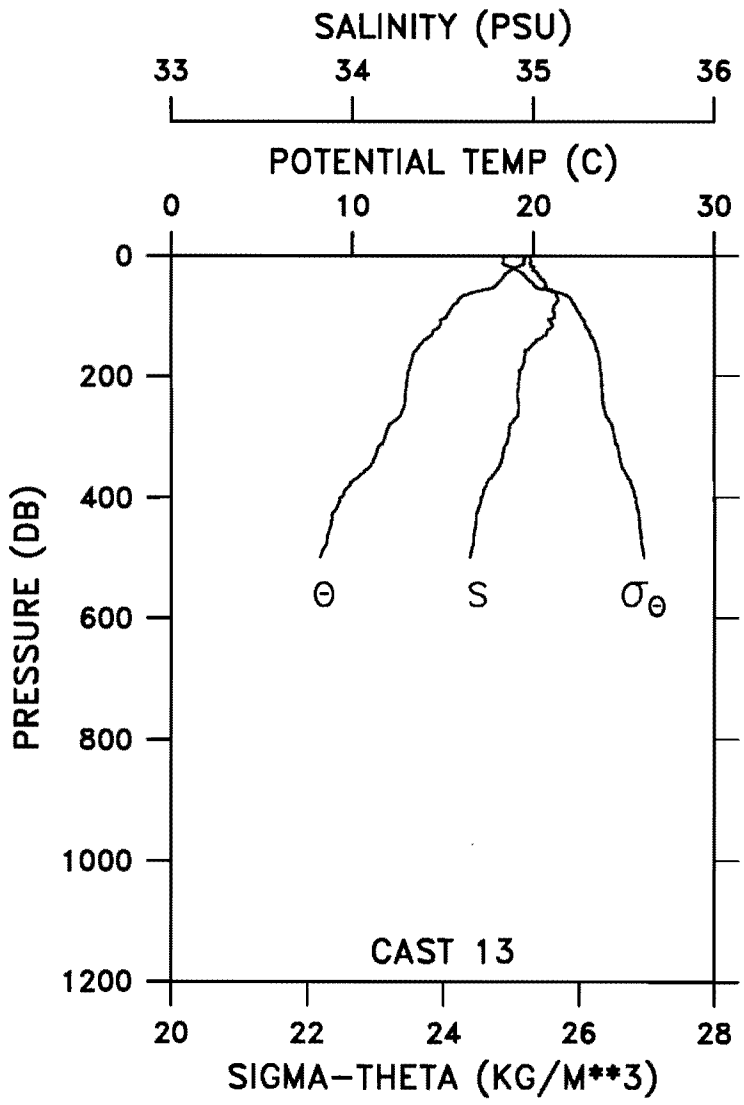
CAST EP3-94-MB -012 DATE 11 AUG 94 TIME 0935 GMT
LAT 01 59.2S LONG 095 01.0W WEATHER 2 SEA STATE 2
BAROMETER 11 WIND DIR 187 T SPD 04 KT VISIBILITY 6
CLOUD 5 AMOUNT 6 DRY 20.0 WET 20.0 DEPTH 3328 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.004	34.971	24.999	0.000
10	19.004	34.969	24.998	0.030
20	18.547	34.990	25.130	0.059
30	18.076	35.034	25.280	0.086
40	17.862	35.051	25.346	0.113
50	16.463	35.103	25.721	0.138
60	15.785	35.103	25.876	0.160
70	15.582	35.098	25.919	0.181
80	15.314	35.113	25.990	0.202
90	14.804	35.056	26.058	0.222
100	14.623	35.074	26.112	0.241
110	14.384	35.052	26.147	0.260
120	14.018	35.013	26.194	0.279
130	13.855	34.995	26.215	0.297
140	13.737	34.982	26.229	0.316
150	13.600	34.964	26.243	0.334
160	13.371	34.937	26.269	0.352
170	13.288	34.933	26.284	0.370
180	13.229	34.933	26.295	0.387
190	13.183	34.928	26.301	0.405
200	13.072	34.912	26.311	0.423
250	12.895	34.903	26.340	0.510
300	12.028	34.864	26.479	0.595
350	10.852	34.794	26.642	0.673
400	9.717	34.724	26.785	0.742
450	8.816	34.672	26.891	0.806
500	8.294	34.647	26.952	0.867
550	7.977	34.627	26.985	0.926
600	7.460	34.608	27.045	0.983
650	6.999	34.595	27.100	1.037
700	6.414	34.581	27.168	1.089
750	5.965	34.571	27.219	1.137
800	5.559	34.564	27.263	1.184
900	5.032	34.562	27.325	1.271
1000	4.420	34.568	27.398	1.353
1500	2.860	34.612	27.588	1.695
2000	2.104	34.650	27.683	1.969
2500	1.711	34.666	27.726	2.215
2994	1.524	34.677	27.749	2.444

CAST EP3-94-MB -013 DATE 12 AUG 94 TIME 0105 GMT

LAT 01 58.4S LONG 094 59.9W



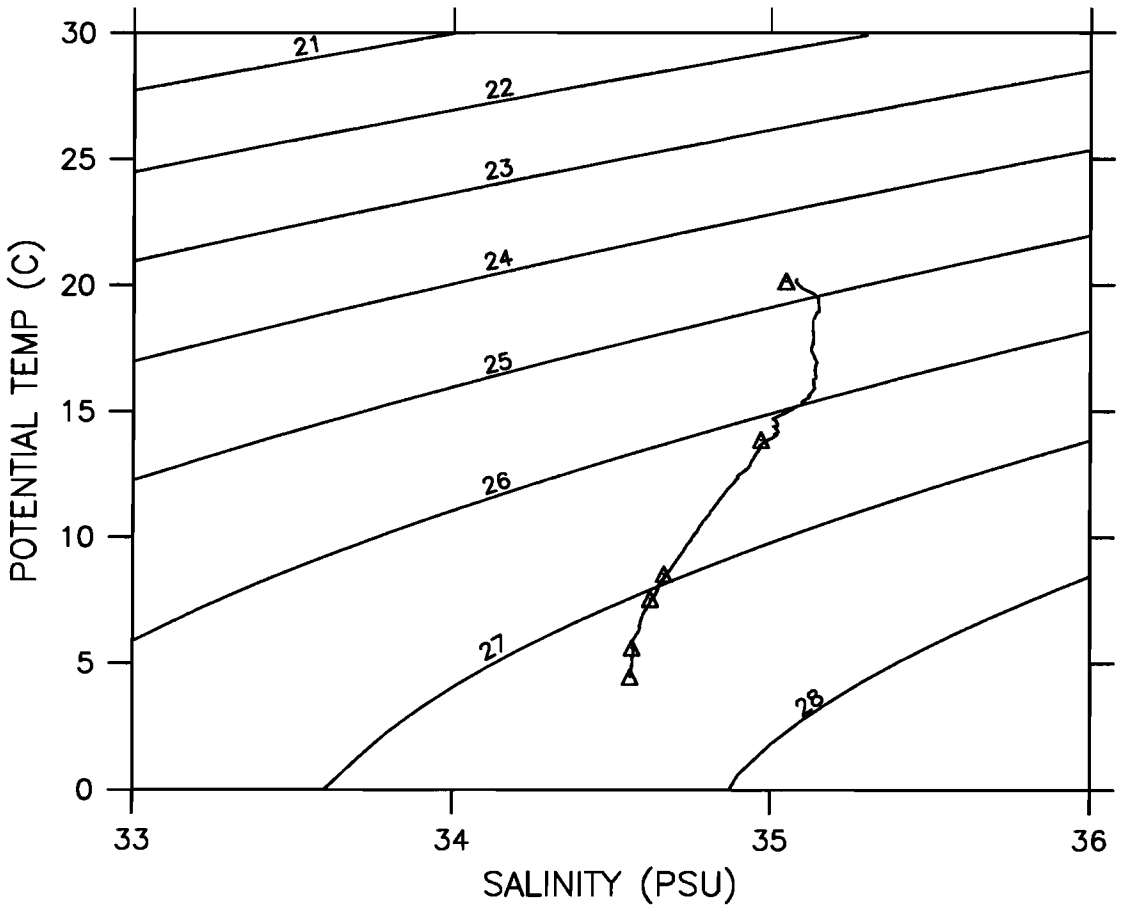


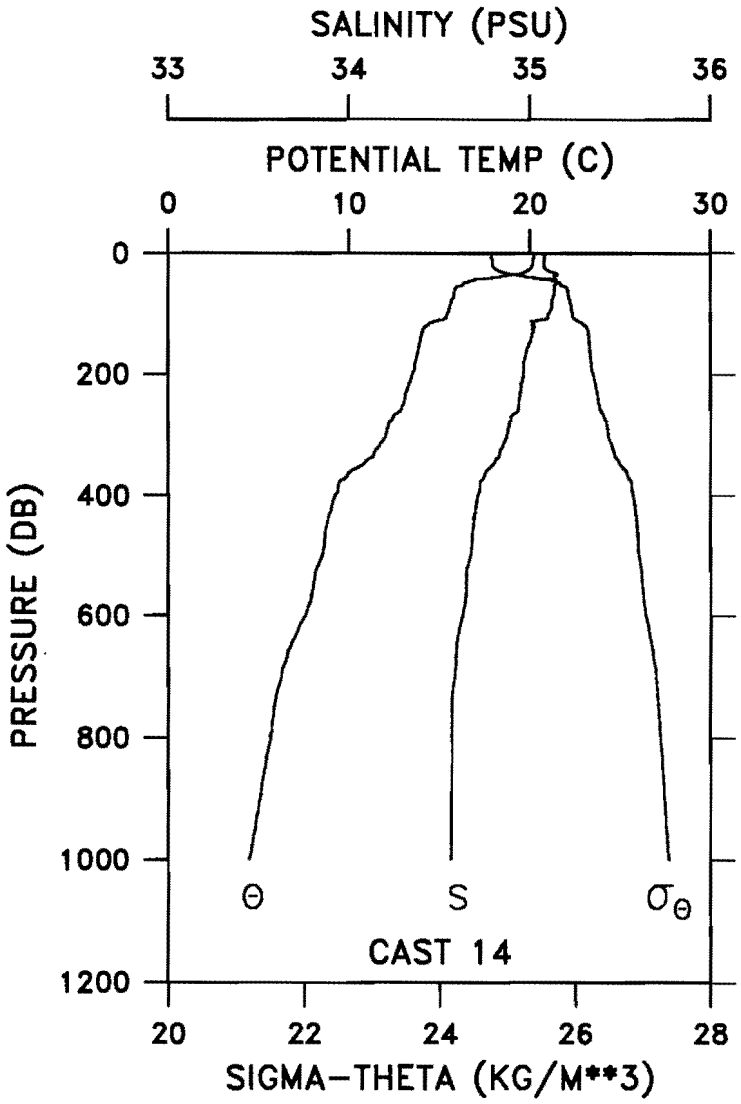
CAST EP3-94-MB -013 DATE 12 AUG 94 TIME 0105 GMT
LAT 01 58.4S LONG 094 59.9W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 162 T SPD 12 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 20.8 WET 18.5 DEPTH 3370 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	19.472	34.985	24.890	0.000
10	19.470	34.985	24.890	0.031
20	18.925	34.999	25.041	0.061
30	18.422	35.026	25.188	0.089
40	18.190	35.056	25.269	0.117
50	17.902	35.068	25.349	0.143
60	16.722	35.107	25.663	0.169
70	15.902	35.134	25.874	0.191
80	15.613	35.120	25.928	0.212
90	15.372	35.105	25.972	0.233
100	15.174	35.116	26.024	0.253
110	14.855	35.097	26.080	0.273
120	14.674	35.095	26.117	0.292
130	14.404	35.071	26.157	0.311
140	13.925	35.015	26.215	0.330
150	13.669	34.988	26.248	0.348
160	13.376	34.956	26.283	0.366
170	13.291	34.948	26.294	0.384
180	13.196	34.943	26.310	0.401
190	13.091	34.925	26.317	0.419
200	13.017	34.921	26.329	0.436
250	12.835	34.917	26.362	0.523
300	11.781	34.861	26.523	0.605
350	10.937	34.810	26.639	0.682
400	9.325	34.711	26.839	0.750
450	8.761	34.676	26.903	0.813
500	8.225	34.648	26.964	0.874
500	8.225	34.648	26.964	0.874

CAST EP3-94-MB -014 DATE 12 AUG 94 TIME 0651 GMT

LAT 03 00.0S LONG 095 00.0W



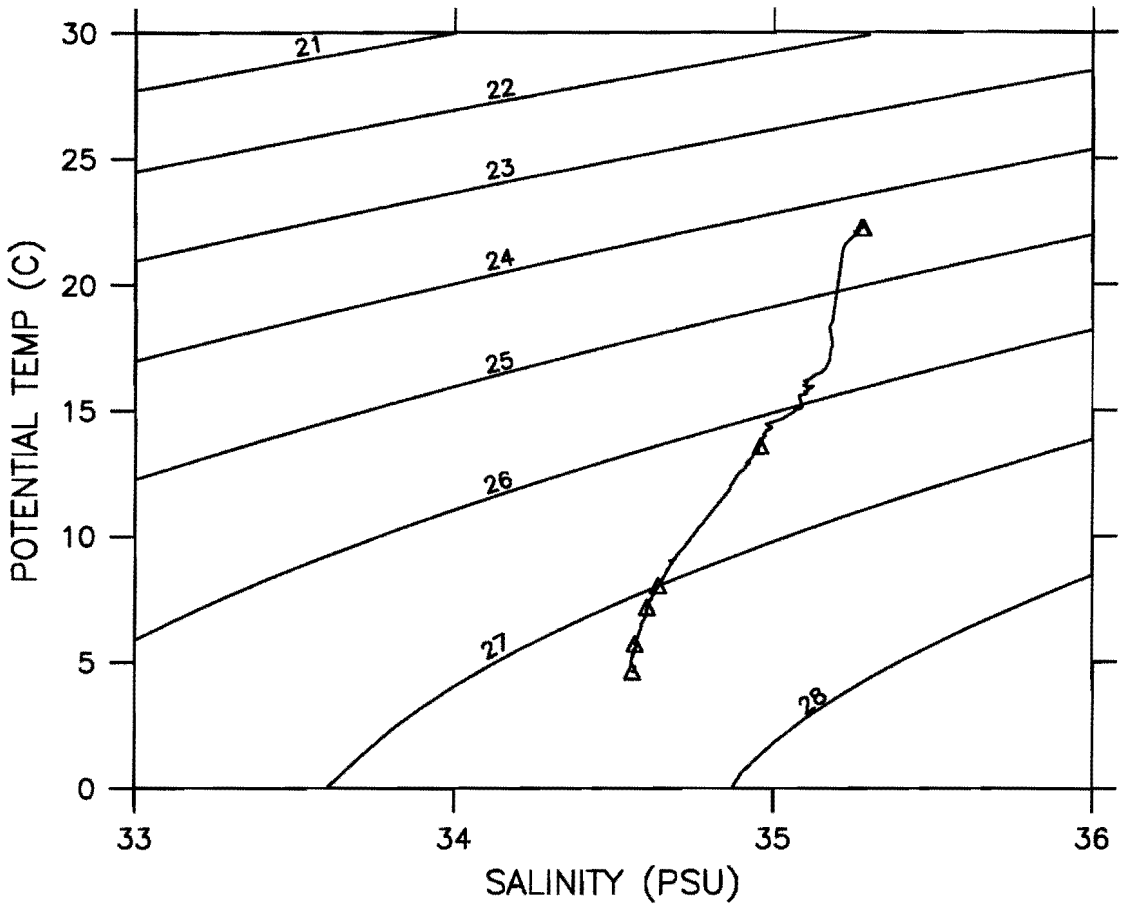


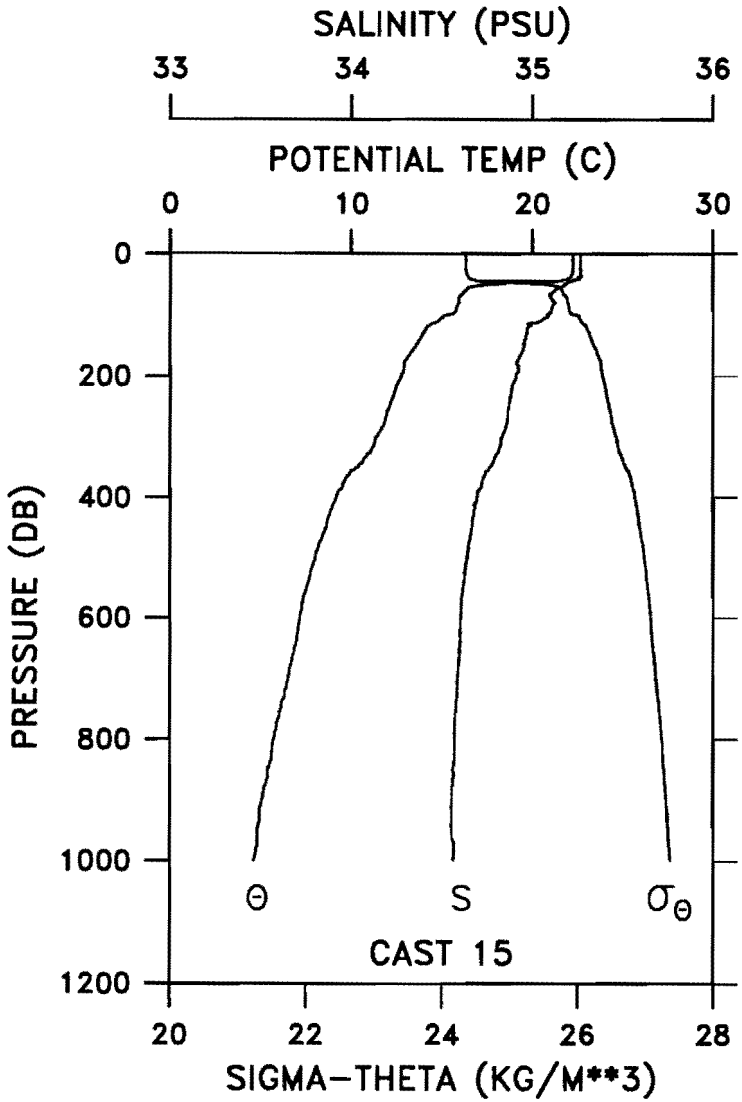
CAST EP3-94-MB -014 DATE 12 AUG 94 TIME 0651 GMT
LAT 03 00.0S LONG 095 00.0W WEATHER 2 SEA STATE 4
BAROMETER 14 WIND DIR 140 T SPD 16 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 20.9 WET 20.0 DEPTH 3574 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	20.221	35.083	24.768	0.000
10	20.174	35.080	24.778	0.032
20	20.140	35.078	24.786	0.063
30	19.772	35.115	24.911	0.095
40	17.865	35.136	25.410	0.123
50	16.329	35.143	25.783	0.147
60	15.846	35.135	25.887	0.168
70	15.786	35.132	25.899	0.189
80	15.649	35.125	25.925	0.210
90	15.555	35.121	25.943	0.231
100	15.423	35.104	25.959	0.252
110	14.997	35.056	26.016	0.273
120	14.303	35.019	26.138	0.292
130	14.053	35.017	26.190	0.311
140	13.961	35.007	26.201	0.329
150	13.881	34.993	26.208	0.348
160	13.808	34.983	26.215	0.366
170	13.748	34.976	26.222	0.385
180	13.641	34.965	26.236	0.403
190	13.618	34.967	26.242	0.421
200	13.494	34.964	26.265	0.439
250	12.967	34.938	26.352	0.528
300	12.010	34.873	26.489	0.611
350	10.671	34.790	26.671	0.688
400	9.225	34.711	26.856	0.754
450	8.756	34.686	26.912	0.817
500	8.512	34.671	26.938	0.877
550	8.020	34.647	26.994	0.936
600	7.574	34.628	27.045	0.993
650	6.731	34.593	27.135	1.046
700	6.217	34.583	27.195	1.096
750	5.827	34.568	27.233	1.143
800	5.612	34.569	27.261	1.190
900	5.054	34.565	27.324	1.277
1000	4.456	34.559	27.387	1.360
1000	4.456	34.559	27.387	1.360

CAST EP3-94-MB -015 DATE 12 AUG 94 TIME 1228 GMT

LAT 03 59.6S LONG 095 00.5W



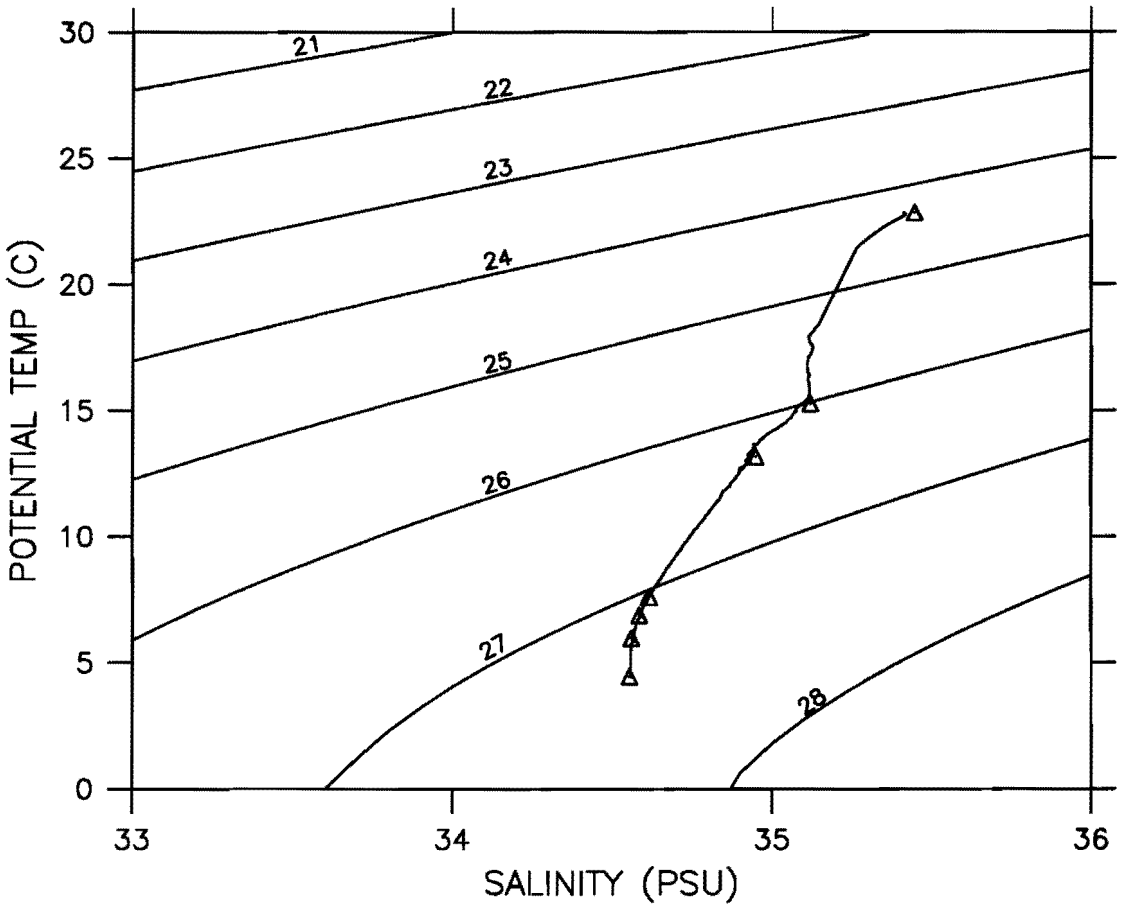


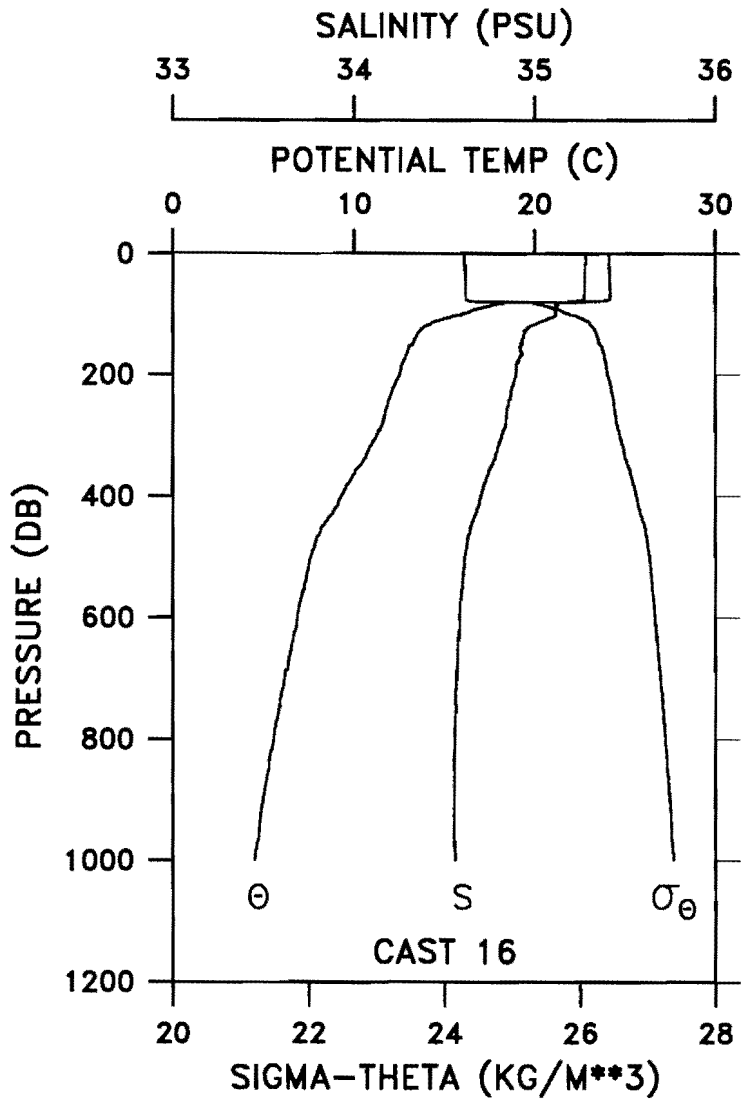
CAST EP3-94-MB -015 DATE 12 AUG 94 TIME 1228 GMT
LAT 03 59.6S LONG 095 00.5W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 142 T SPD 23 KT VISIBILITY 7
CLOUD 1 AMOUNT 4 DRY 23.0 WET 19.5 DEPTH 3687 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.255	35.267	24.351	0.000
10	22.230	35.267	24.357	0.036
20	22.246	35.267	24.353	0.071
30	22.231	35.269	24.358	0.107
40	22.039	35.258	24.404	0.143
50	17.583	35.185	25.517	0.174
60	16.313	35.124	25.772	0.197
70	15.981	35.095	25.826	0.219
80	15.960	35.127	25.856	0.241
90	15.809	35.108	25.875	0.263
100	15.356	35.086	25.960	0.284
110	14.787	35.044	26.053	0.304
120	14.159	34.976	26.136	0.323
130	13.945	34.969	26.175	0.342
140	13.791	34.963	26.203	0.361
150	13.563	34.955	26.244	0.379
160	13.315	34.945	26.287	0.397
170	13.100	34.929	26.319	0.415
180	12.901	34.915	26.347	0.432
190	12.896	34.925	26.356	0.449
200	12.765	34.912	26.372	0.466
250	12.116	34.872	26.468	0.549
300	11.394	34.835	26.576	0.628
350	10.381	34.770	26.707	0.702
400	9.193	34.696	26.849	0.768
450	8.646	34.668	26.915	0.830
500	8.023	34.641	26.989	0.889
550	7.551	34.619	27.041	0.946
600	7.164	34.606	27.086	1.000
650	6.841	34.598	27.124	1.053
700	6.495	34.587	27.163	1.104
750	6.093	34.579	27.208	1.153
800	5.702	34.572	27.252	1.200
900	5.081	34.558	27.315	1.289
1000	4.614	34.566	27.375	1.373
1000	4.614	34.566	27.375	1.373

CAST EP3-94-MB -016 DATE 12 AUG 94 TIME 1832 GMT

LAT 04 57.8S LONG 095 01.3W



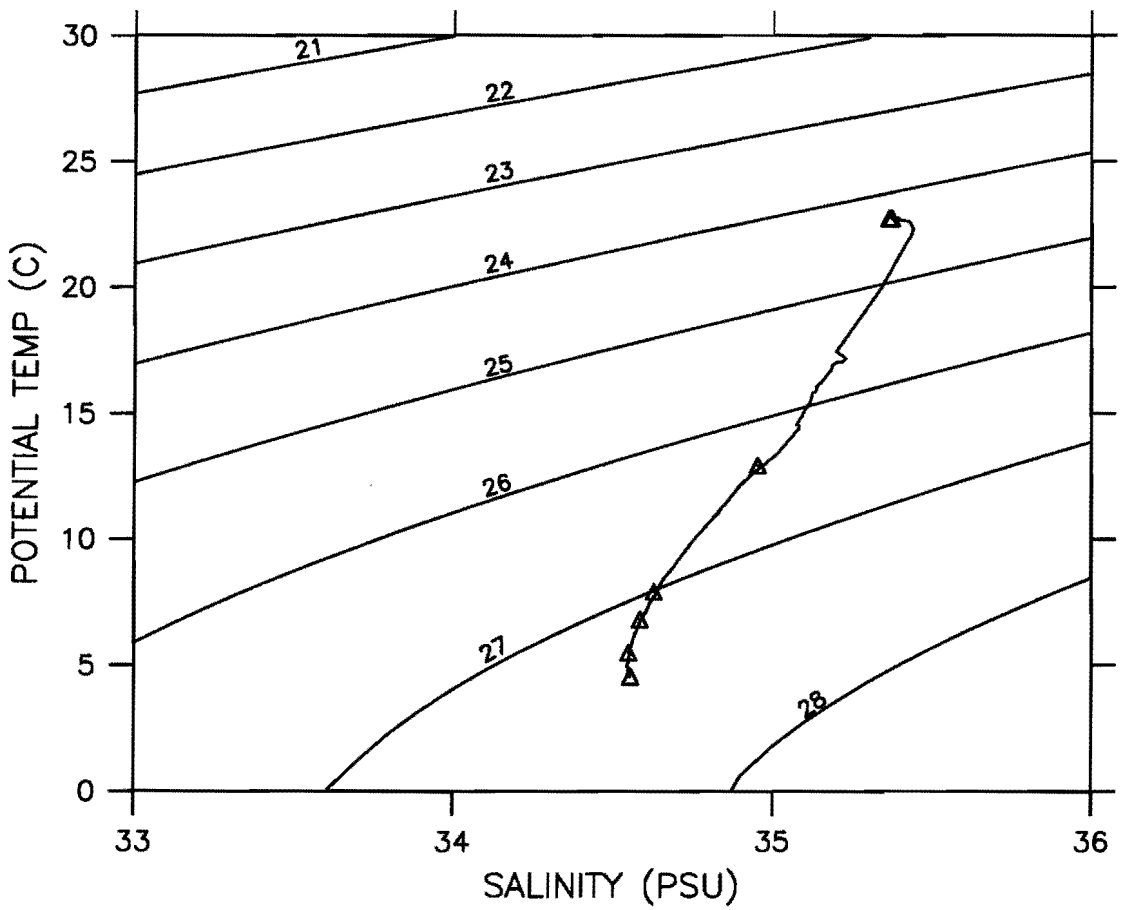


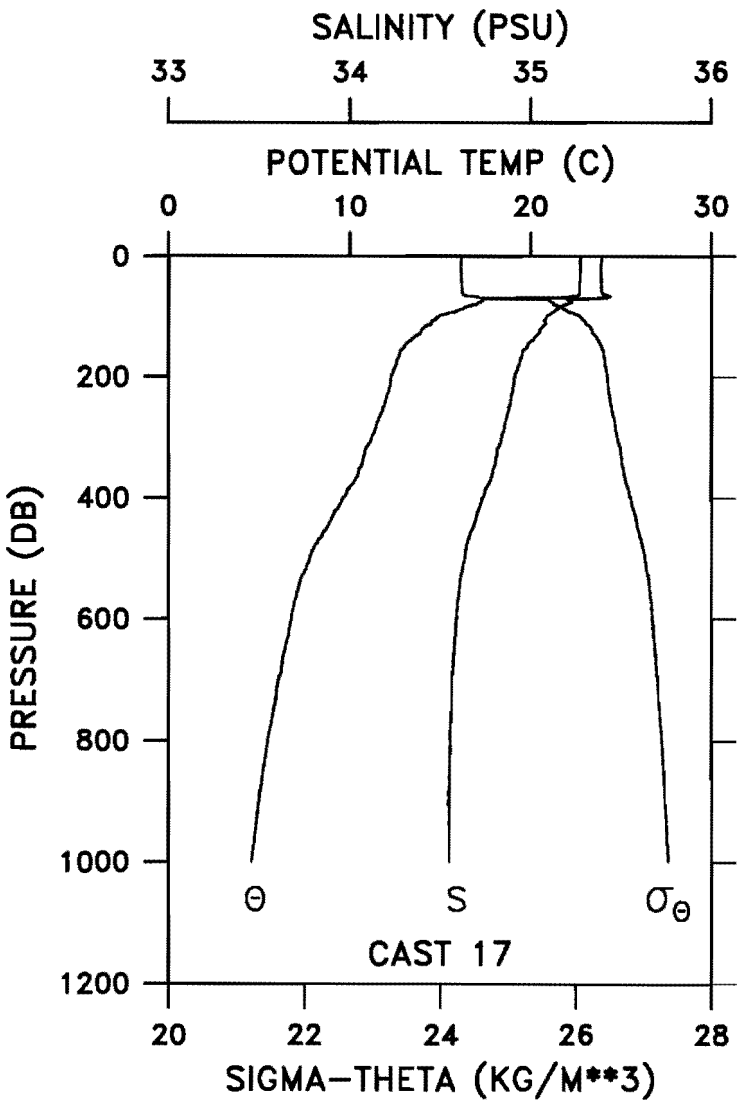
CAST EP3-94-MB -016 DATE 12 AUG 94 TIME 1832 GMT
LAT 04 57.8S LONG 095 01.3W WEATHER 1 SEA STATE 4
BAROMETER 14 WIND DIR 120 T SPD 18 KT VISIBILITY 7
CLOUD 6 AMOUNT 4 DRY 23.0 WET 20.1 DEPTH 3645 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.828	35.412	24.297	0.000
10	22.828	35.412	24.297	0.036
20	22.808	35.413	24.304	0.072
30	22.790	35.415	24.311	0.109
40	22.783	35.415	24.313	0.145
50	22.781	35.417	24.315	0.181
60	22.774	35.418	24.318	0.217
70	22.757	35.418	24.322	0.253
80	21.492	35.267	24.563	0.289
90	17.107	35.114	25.577	0.316
100	15.979	35.116	25.843	0.339
110	14.748	35.060	26.074	0.359
120	13.966	34.977	26.177	0.378
130	13.583	34.948	26.234	0.397
140	13.385	34.936	26.266	0.415
150	13.229	34.927	26.291	0.433
160	12.979	34.921	26.336	0.450
170	12.858	34.920	26.360	0.467
180	12.709	34.910	26.382	0.484
190	12.592	34.900	26.397	0.501
200	12.521	34.897	26.409	0.517
250	11.853	34.854	26.504	0.598
300	11.229	34.818	26.592	0.676
350	10.304	34.760	26.713	0.749
400	9.321	34.703	26.834	0.816
450	8.262	34.647	26.958	0.878
500	7.614	34.615	27.028	0.935
550	7.263	34.601	27.068	0.990
600	6.877	34.586	27.110	1.043
650	6.533	34.576	27.148	1.094
700	6.149	34.568	27.192	1.144
750	5.836	34.566	27.231	1.191
800	5.546	34.559	27.261	1.237
900	4.959	34.558	27.330	1.325
1000	4.474	34.561	27.387	1.407
1004	4.450	34.561	27.390	1.410

CAST EP3-94-MB -017 DATE 13 AUG 94 TIME 0117 GMT

LAT 06 00.0S LONG 095 01.3W



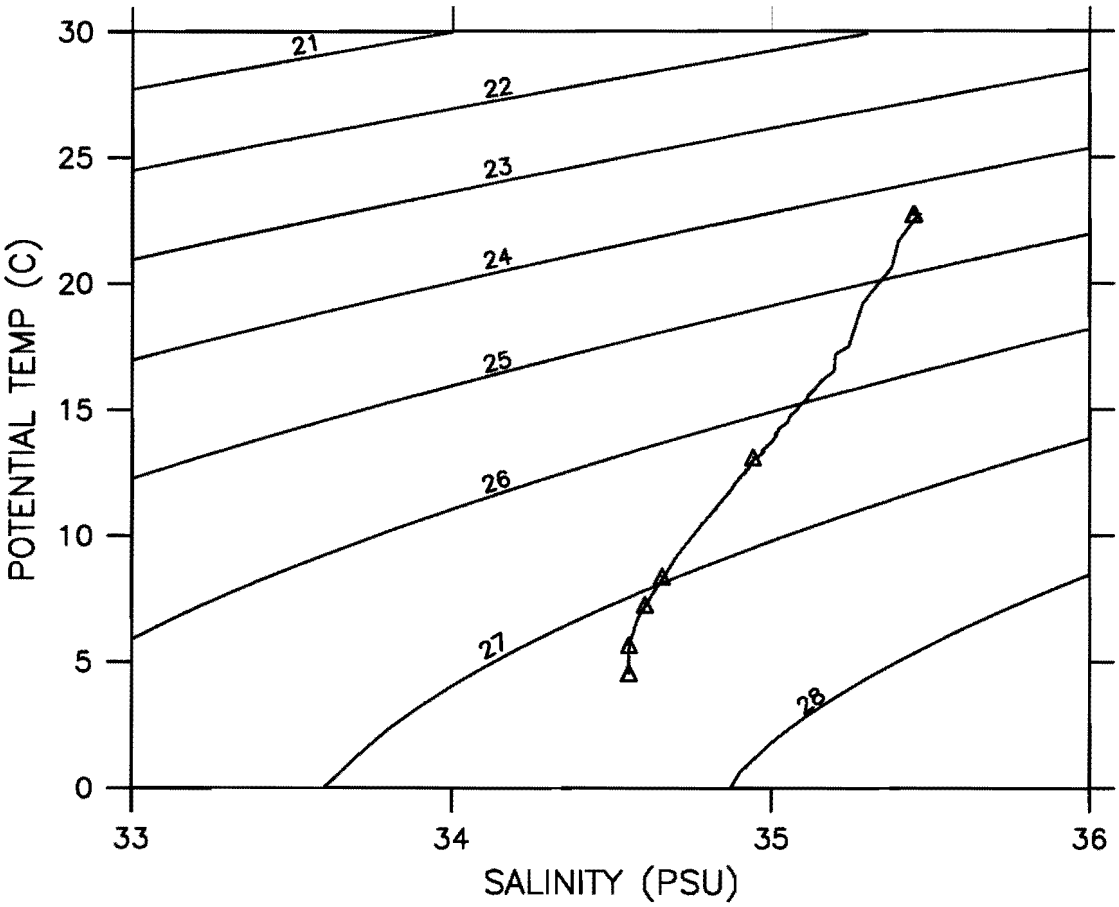


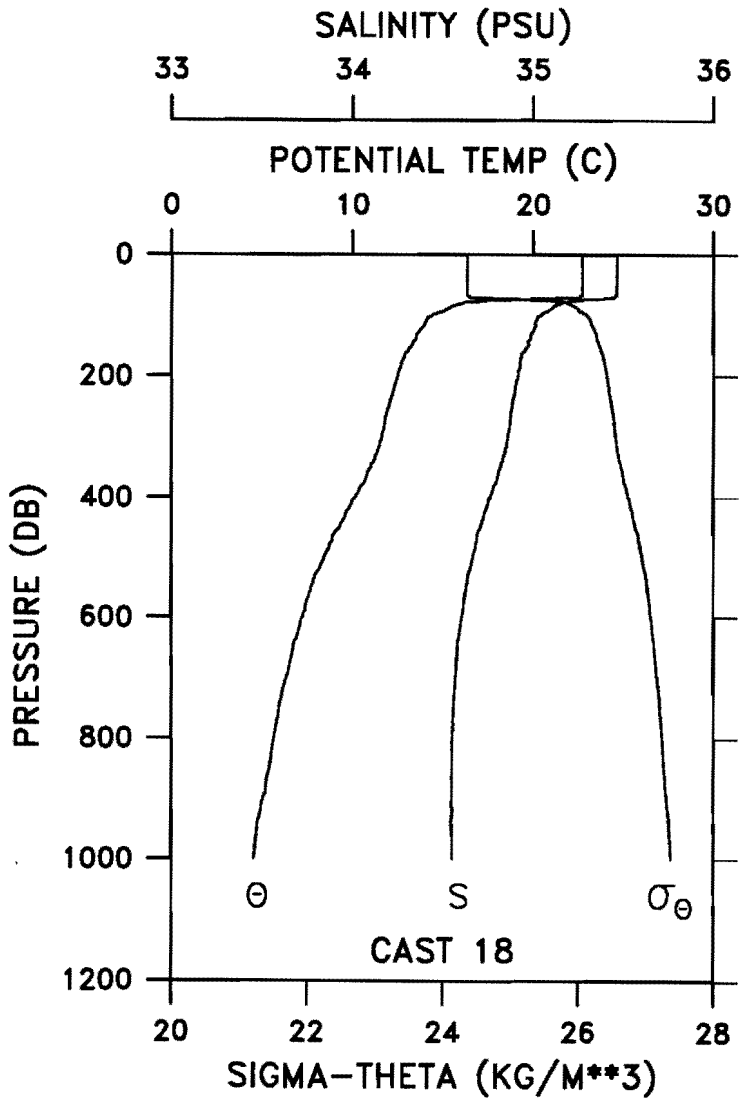
CAST EP3-94-MB -017 DATE 13 AUG 94 TIME 0117 GMT
LAT 06 00.0S LONG 095 01.3W WEATHER 1 SEA STATE 5
BAROMETER 12 WIND DIR 130 T SPD 21 KT VISIBILITY 7
CLOUD 5 AMOUNT 7 DRY 21.8 WET 20.0 DEPTH 2027 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.760	35.395	24.304	0.000
10	22.759	35.392	24.302	0.036
20	22.746	35.390	24.304	0.072
30	22.744	35.388	24.303	0.109
40	22.728	35.390	24.309	0.145
50	22.702	35.392	24.318	0.181
60	22.702	35.394	24.320	0.217
70	20.894	35.380	24.813	0.253
80	17.024	35.200	25.663	0.277
90	15.986	35.136	25.856	0.300
100	14.928	35.092	26.060	0.320
110	14.514	35.082	26.142	0.340
120	14.047	35.058	26.223	0.358
130	13.739	35.039	26.272	0.376
140	13.383	35.013	26.326	0.394
150	13.019	34.980	26.374	0.411
160	12.763	34.954	26.405	0.428
170	12.638	34.943	26.421	0.444
180	12.556	34.935	26.431	0.461
190	12.419	34.923	26.449	0.477
200	12.291	34.911	26.465	0.493
250	11.841	34.878	26.525	0.573
300	11.215	34.838	26.611	0.649
350	10.580	34.795	26.692	0.722
400	9.634	34.732	26.805	0.791
450	8.754	34.680	26.907	0.854
500	7.787	34.634	27.018	0.913
550	7.163	34.605	27.085	0.967
600	6.777	34.589	27.126	1.019
650	6.417	34.576	27.164	1.070
700	6.050	34.565	27.203	1.119
750	5.780	34.558	27.232	1.166
800	5.470	34.555	27.267	1.212
900	4.990	34.545	27.316	1.300
1000	4.580	34.550	27.366	1.383
1006	4.565	34.547	27.366	1.388

CAST EP3-94-MB -018 DATE 13 AUG 94 TIME 0639 GMT

LAT 07 00.0S LONG 095 00.1W



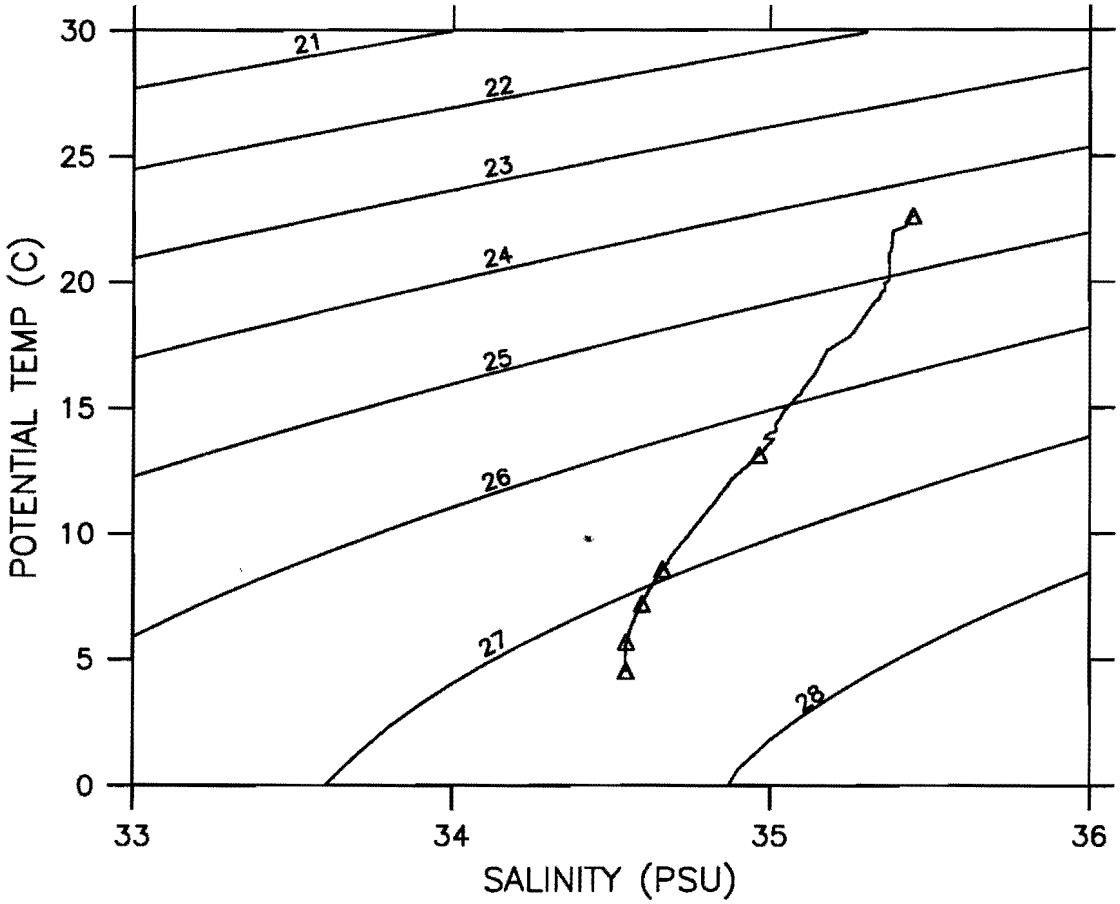


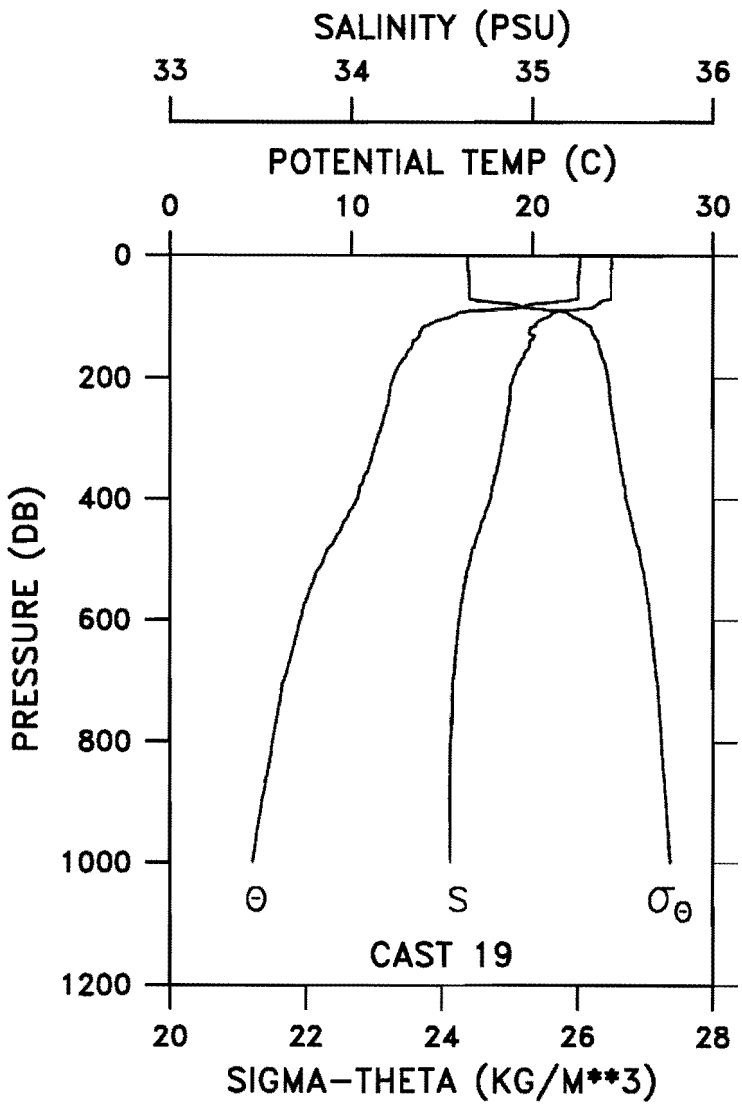
CAST EP3-94-MB -018 DATE 13 AUG 94 TIME 0639 GMT
LAT 07 00.0S LONG 095 00.1W WEATHER 1 SEA STATE 4
BAROMETER 14 WIND DIR 125 T SPD 20 KT VISIBILITY 7
CLOUD 6 AMOUNT 7 DRY 20.9 WET 19.8 DEPTH 3366 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.756	35.467	24.360	0.000
10	22.747	35.468	24.363	0.036
20	22.755	35.466	24.359	0.071
30	22.755	35.465	24.359	0.107
40	22.753	35.465	24.359	0.143
50	22.754	35.464	24.358	0.178
60	22.752	35.464	24.359	0.214
70	22.554	35.451	24.405	0.250
80	16.070	35.153	25.850	0.276
90	15.186	35.093	26.003	0.297
100	14.392	35.040	26.135	0.317
110	14.047	35.013	26.188	0.335
120	13.823	35.007	26.230	0.354
130	13.569	34.987	26.268	0.372
140	13.499	34.982	26.278	0.389
150	13.257	34.969	26.317	0.407
160	13.024	34.947	26.348	0.424
170	12.843	34.933	26.373	0.441
180	12.714	34.928	26.395	0.458
190	12.586	34.920	26.414	0.475
200	12.499	34.916	26.428	0.491
250	12.016	34.883	26.496	0.572
300	11.624	34.860	26.552	0.651
350	11.004	34.818	26.633	0.727
400	10.155	34.763	26.741	0.798
450	9.291	34.709	26.844	0.865
500	8.451	34.667	26.944	0.927
550	7.724	34.629	27.023	0.985
600	7.266	34.607	27.072	1.041
650	6.739	34.582	27.125	1.094
700	6.352	34.570	27.167	1.144
750	5.948	34.561	27.213	1.193
800	5.664	34.556	27.244	1.240
900	5.073	34.552	27.312	1.330
1000	4.560	34.554	27.372	1.413
1000	4.560	34.554	27.372	1.413

CAST EP3–94–MB –019 DATE 13 AUG 94 TIME 2022 GMT

LAT 07 57.6S LONG 095 03.3W



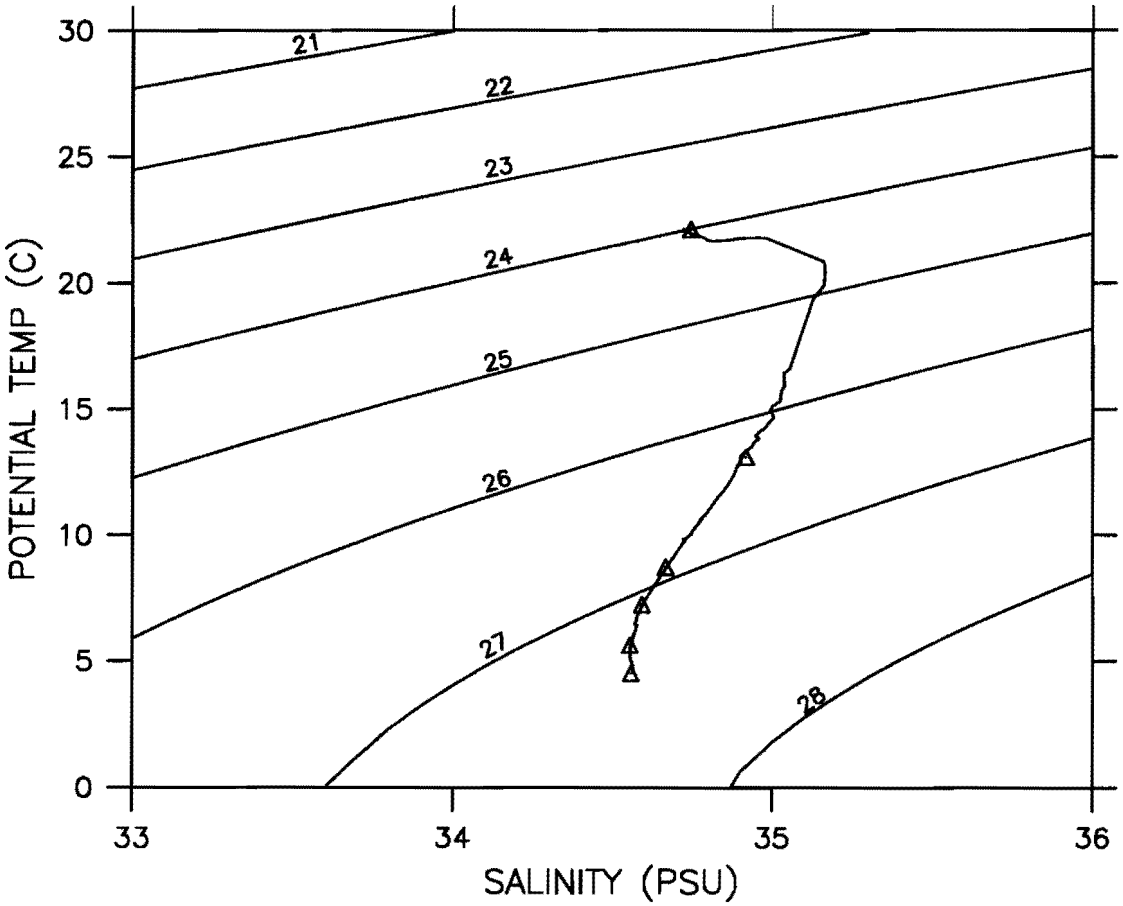


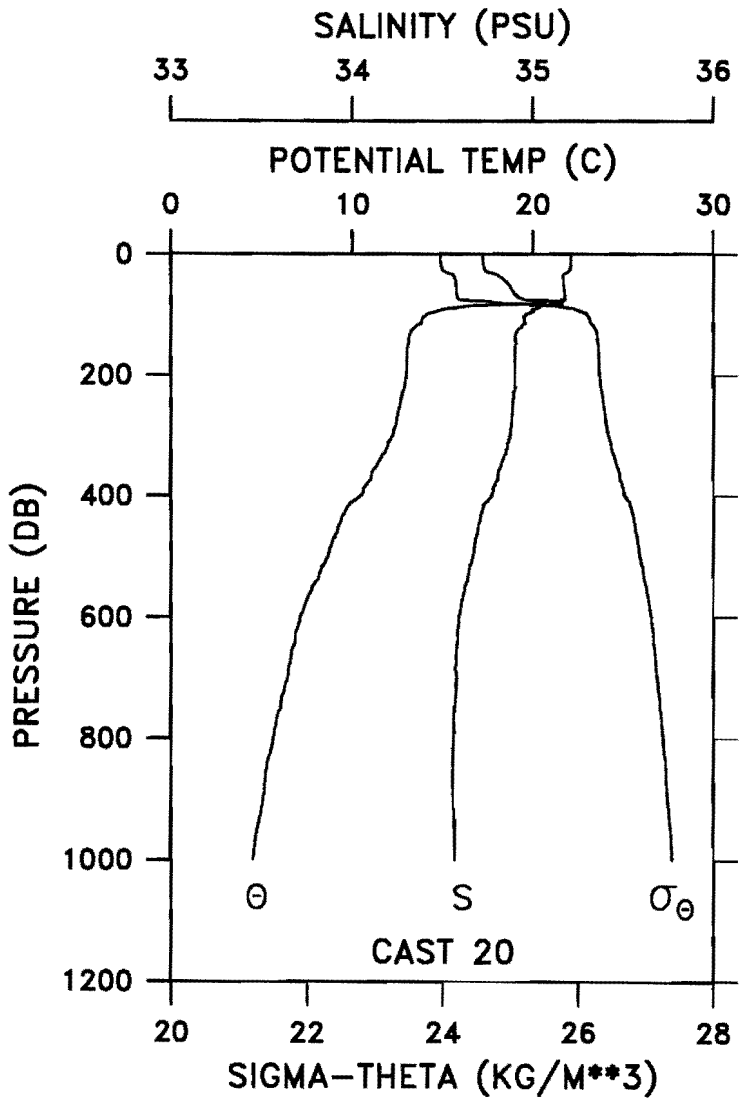
CAST EP3-94-MB -019 DATE 13 AUG 94 TIME 2022 GMT
LAT 07 57.6S LONG 095 03.3W WEATHER 1 SEA STATE 5
BAROMETER 13 WIND DIR 134 T SPD 21 KT VISIBILITY 7
CLOUD 6 AMOUNT 7 DRY 22.0 WET 19.5 DEPTH 3958 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.634	35.438	24.373	0.000
10	22.639	35.439	24.372	0.035
20	22.603	35.438	24.381	0.071
30	22.570	35.436	24.390	0.106
40	22.542	35.435	24.397	0.142
50	22.538	35.436	24.399	0.177
60	22.536	35.437	24.400	0.213
70	22.514	35.436	24.405	0.248
80	19.950	35.356	25.048	0.281
90	17.273	35.177	25.586	0.308
100	15.524	35.092	25.927	0.330
110	14.483	35.025	26.104	0.350
120	13.888	34.987	26.201	0.369
130	13.770	34.999	26.235	0.387
140	13.412	34.985	26.299	0.405
150	13.316	34.980	26.314	0.423
160	13.062	34.955	26.346	0.440
170	12.871	34.942	26.374	0.457
180	12.609	34.922	26.411	0.474
190	12.442	34.908	26.433	0.490
200	12.314	34.893	26.446	0.507
250	11.939	34.867	26.498	0.587
300	11.429	34.838	26.571	0.665
350	10.923	34.805	26.638	0.740
400	10.341	34.768	26.712	0.812
450	9.424	34.710	26.823	0.880
500	8.472	34.657	26.933	0.943
550	7.692	34.619	27.020	1.002
600	7.181	34.596	27.075	1.057
650	6.743	34.578	27.122	1.110
700	6.248	34.563	27.176	1.161
750	5.952	34.556	27.208	1.209
800	5.646	34.548	27.240	1.256
900	5.034	34.545	27.311	1.346
1000	4.542	34.548	27.369	1.430
1003	4.533	34.549	27.370	1.433

CAST EP3-94-MB -020 DATE 17 AUG 94 TIME 0607 GMT

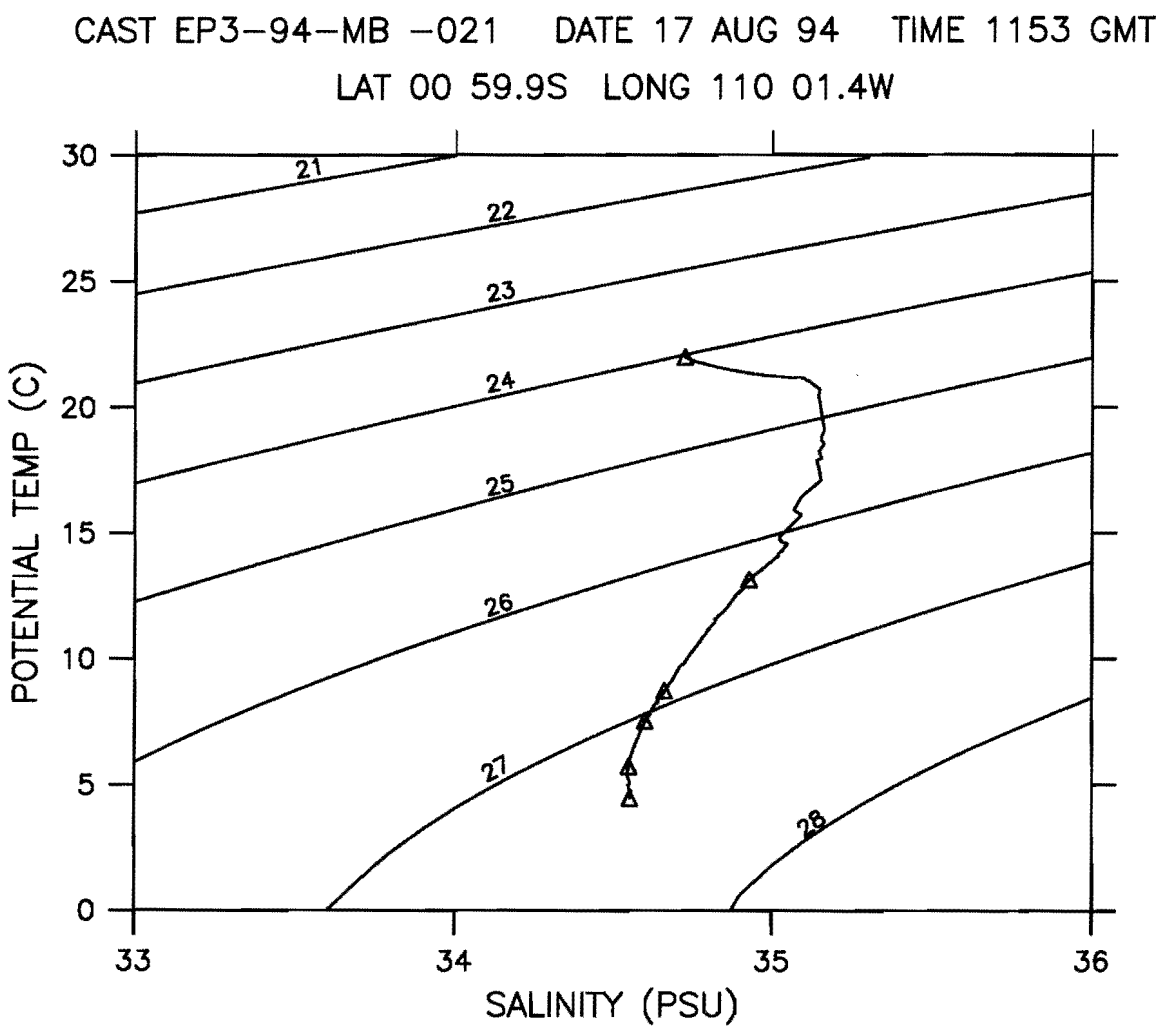
LAT 01 59.2S LONG 110 00.6W

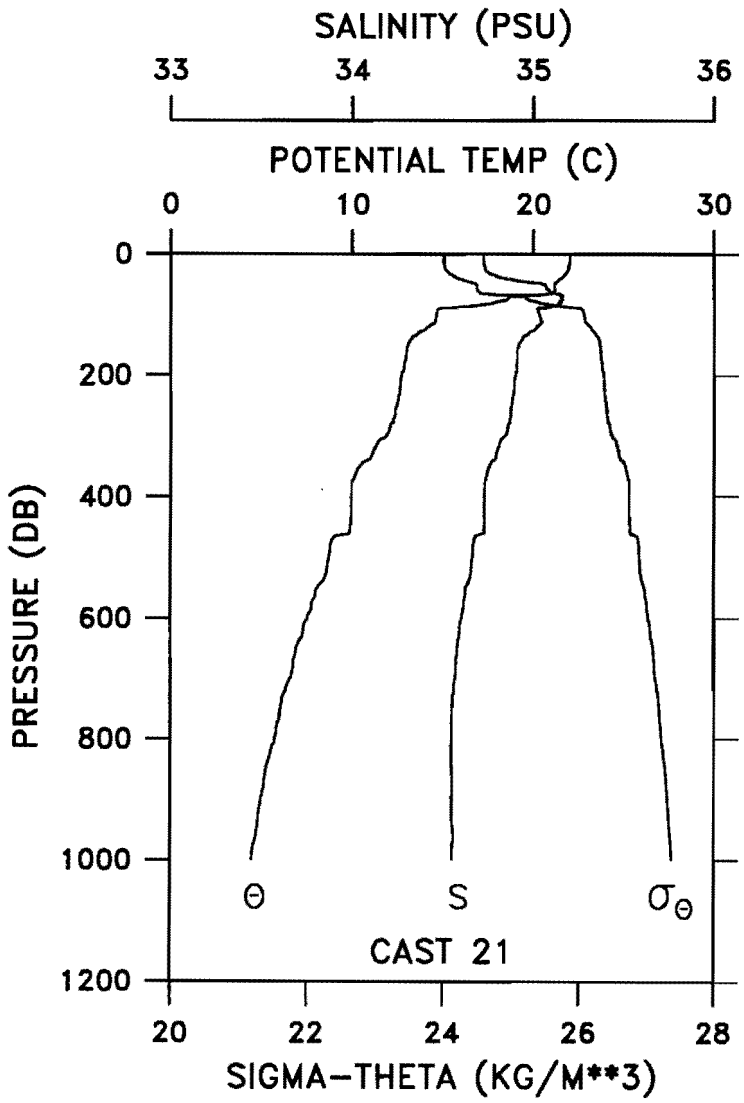




CAST EP3-94-MB -020 DATE 17 AUG 94 TIME 0607 GMT
LAT 01 59.2S LONG 110 00.6W WEATHER 1 SEA STATE 3
BAROMETER 13 WIND DIR 105 T SPD 16 KT VISIBILITY 7
CLOUD 5 AMOUNT 5 DRY 22.8 WET 22.0 DEPTH 3972 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.123	34.723	23.974	0.000
10	22.121	34.723	23.975	0.039
20	22.099	34.726	23.984	0.079
30	21.931	34.752	24.050	0.118
40	21.677	34.831	24.181	0.155
50	21.701	34.864	24.200	0.193
60	21.742	34.886	24.205	0.230
70	21.776	34.914	24.217	0.267
80	20.499	35.164	24.756	0.303
90	15.313	35.025	25.923	0.329
100	14.117	34.960	26.132	0.349
110	13.861	34.951	26.179	0.368
120	13.527	34.939	26.239	0.386
130	13.214	34.908	26.279	0.404
140	13.139	34.903	26.290	0.421
150	13.090	34.904	26.301	0.439
160	13.054	34.900	26.305	0.457
170	13.035	34.900	26.309	0.474
180	13.017	34.901	26.313	0.492
190	13.006	34.901	26.316	0.509
200	12.987	34.901	26.319	0.527
250	12.633	34.888	26.380	0.613
300	12.234	34.873	26.446	0.697
350	11.361	34.824	26.573	0.777
400	10.458	34.771	26.694	0.851
450	9.250	34.698	26.842	0.919
500	8.659	34.668	26.913	0.982
550	7.796	34.623	27.008	1.041
600	7.112	34.592	27.082	1.097
650	6.703	34.578	27.127	1.149
700	6.417	34.579	27.166	1.200
750	6.019	34.567	27.208	1.249
800	5.630	34.563	27.254	1.295
900	5.062	34.559	27.318	1.384
1000	4.510	34.568	27.388	1.466
1003	4.509	34.568	27.389	1.468


CAST EP3-94-MB -021 DATE 17 AUG 94 TIME 1153 GMT
LAT 00 59.9S LONG 110 01.4W
POTENTIAL TEMP (C)
SALINITY (PSU)
30
25
20
15
10
5
0
33
34
35
36
21
22
23
24
25
26
27
28

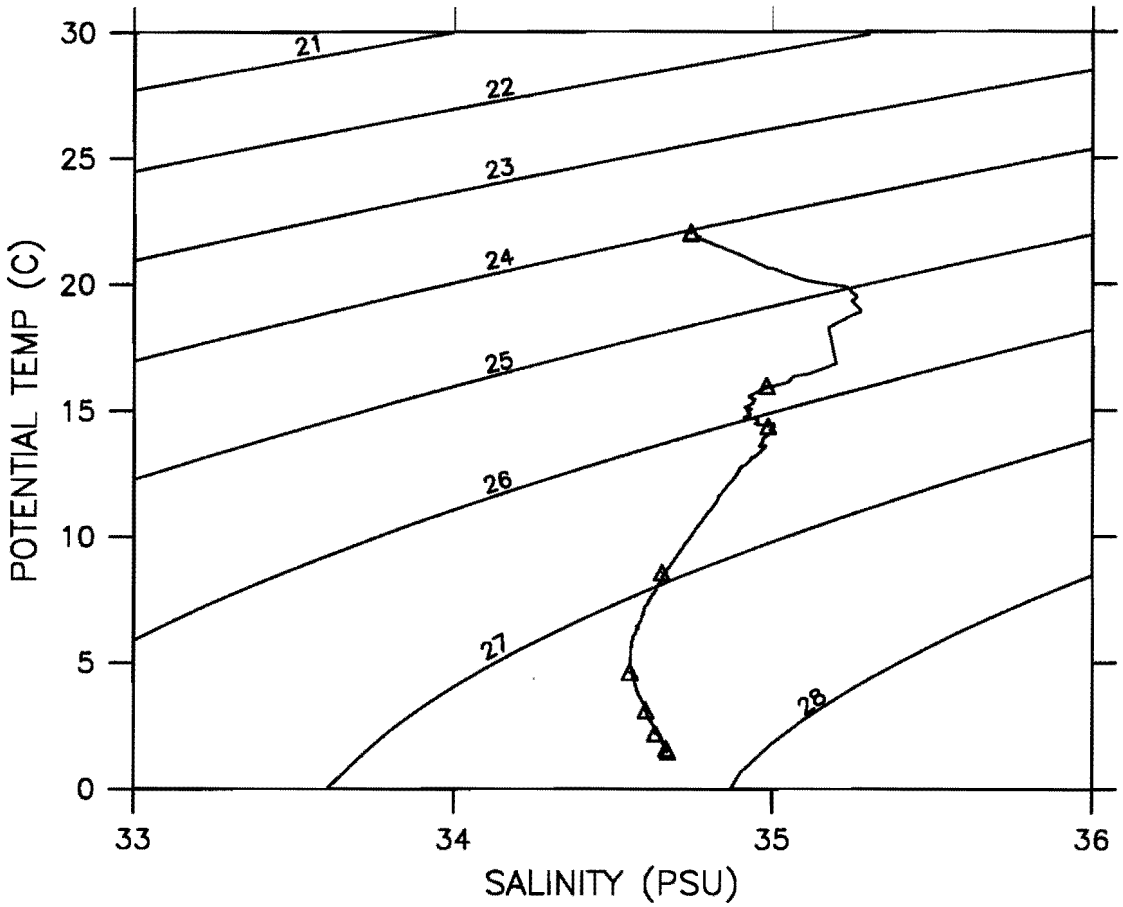


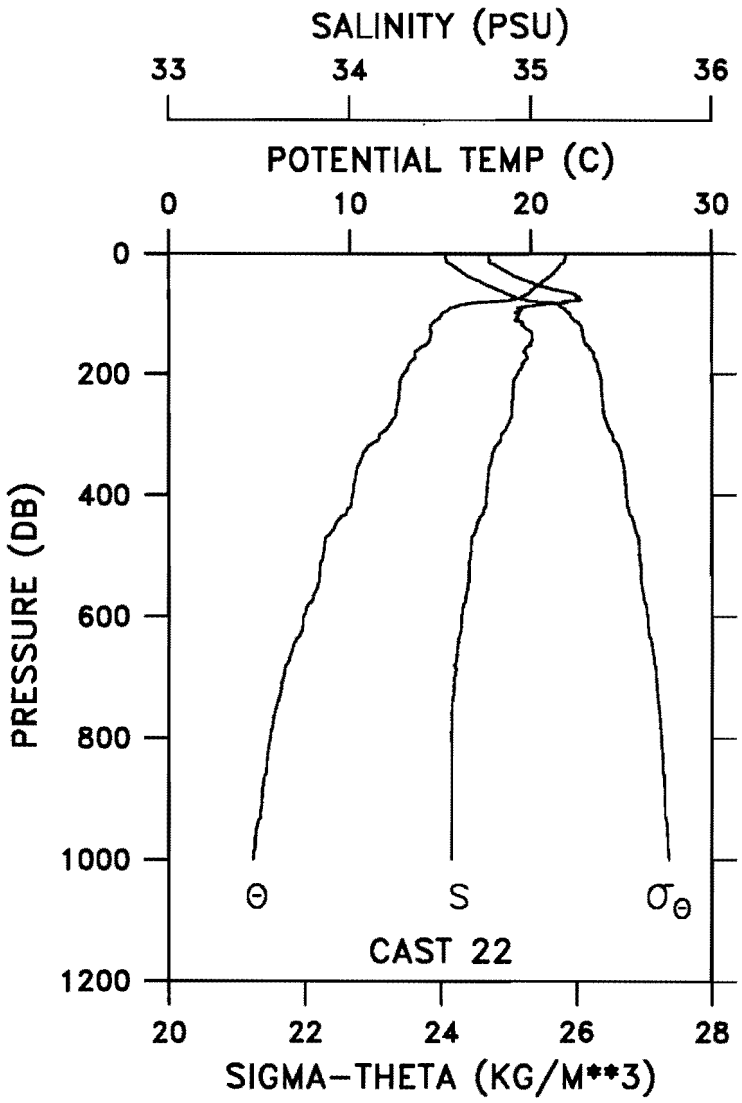
CAST EP3-94-MB -021 DATE 17 AUG 94 TIME 1153 GMT
LAT 00 59.9S LONG 110 01.4W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 115 T SPD 15 KT VISIBILITY 7
CLOUD 5 AMOUNT 6 DRY 23.0 WET 20.0 DEPTH 3999 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.996	34.727	24.013	0.000
10	21.995	34.727	24.013	0.039
20	21.952	34.732	24.029	0.078
30	21.848	34.751	24.072	0.117
40	21.542	34.843	24.227	0.154
50	21.163	35.064	24.499	0.190
60	21.186	35.088	24.512	0.224
70	18.807	35.154	25.189	0.257
80	17.886	35.139	25.408	0.284
90	14.781	35.023	26.039	0.307
100	14.638	35.034	26.078	0.327
110	14.601	35.043	26.093	0.346
120	14.180	35.019	26.165	0.366
130	13.633	34.975	26.245	0.384
140	13.259	34.941	26.296	0.402
150	13.075	34.921	26.317	0.419
160	12.993	34.913	26.328	0.437
170	12.964	34.915	26.334	0.454
180	12.890	34.911	26.346	0.471
190	12.854	34.910	26.353	0.488
200	12.726	34.904	26.373	0.505
250	12.468	34.882	26.408	0.590
300	11.852	34.845	26.497	0.672
350	10.423	34.759	26.691	0.748
400	9.962	34.732	26.750	0.818
450	9.881	34.728	26.760	0.887
500	8.716	34.664	26.900	0.951
550	8.052	34.626	26.972	1.012
600	7.531	34.602	27.031	1.070
650	6.894	34.580	27.103	1.124
700	6.578	34.569	27.137	1.176
750	6.033	34.554	27.196	1.226
800	5.714	34.549	27.232	1.274
900	4.962	34.550	27.323	1.363
999	4.455	34.554	27.383	1.444

CAST EP3-94-MB -022 DATE 17 AUG 94 TIME 1946 GMT

LAT 00 00.1S LONG 110 01.8W



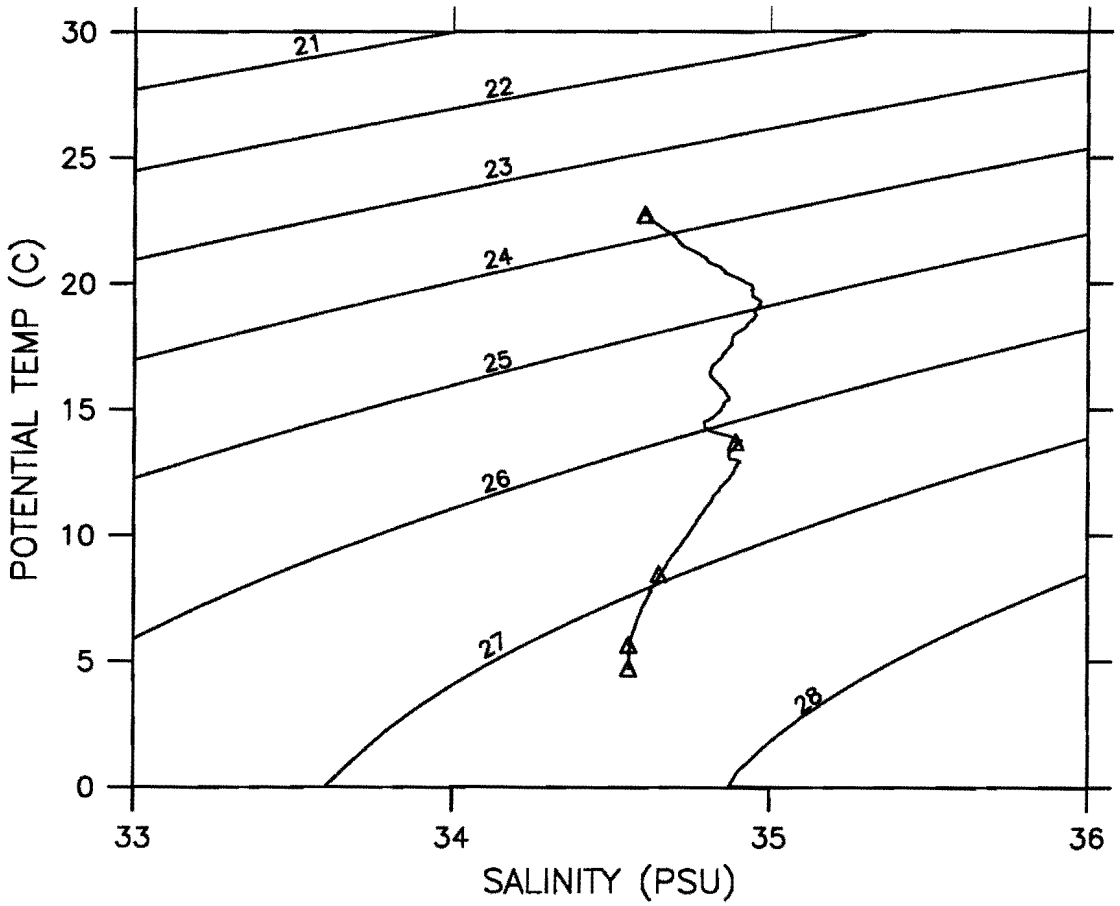


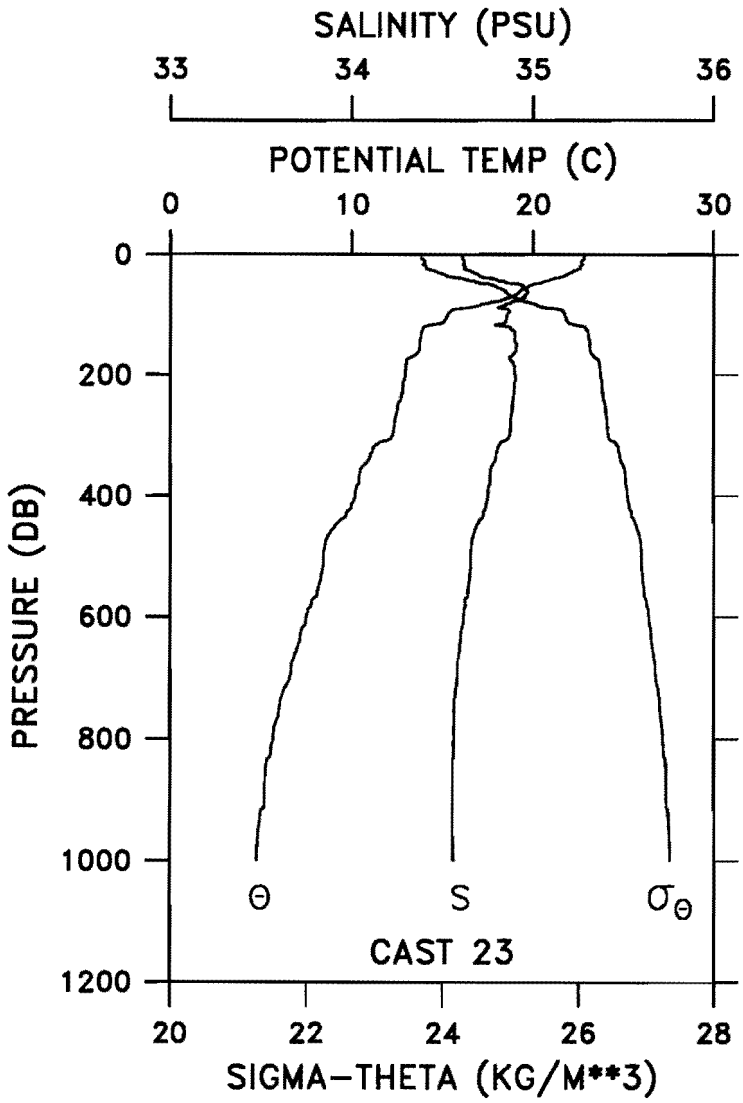
CAST EP3-94-MB -022 DATE 17 AUG 94 TIME 1946 GMT
LAT 00 00.1S LONG 110 01.8W WEATHER 1 SEA STATE 4
BAROMETER 13 WIND DIR 115 T SPD 16 KT VISIBILITY 7
CLOUD 4 AMOUNT 1 DRY 22.3 WET 21.0 DEPTH 3696 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.895	34.768	24.073	0.000
10	21.868	34.768	24.080	0.038
20	21.607	34.810	24.184	0.076
30	21.325	34.865	24.304	0.113
40	20.930	34.936	24.465	0.149
50	20.507	35.023	24.646	0.182
60	20.047	35.145	24.861	0.215
70	19.644	35.251	25.048	0.245
80	17.571	35.186	25.521	0.273
90	15.554	34.926	25.793	0.295
100	15.054	34.933	25.910	0.317
110	14.789	34.925	25.961	0.338
120	14.419	34.956	26.065	0.358
130	14.464	34.999	26.089	0.378
140	14.405	35.005	26.106	0.397
150	14.210	34.993	26.138	0.417
160	13.728	34.970	26.221	0.435
170	13.574	34.975	26.257	0.453
180	13.316	34.960	26.298	0.471
190	13.174	34.944	26.315	0.489
200	12.980	34.927	26.341	0.506
250	12.619	34.898	26.391	0.592
300	11.645	34.837	26.530	0.675
350	10.494	34.774	26.690	0.749
400	10.144	34.754	26.736	0.819
450	9.174	34.699	26.855	0.887
500	8.508	34.664	26.933	0.948
550	8.212	34.649	26.967	1.008
600	7.424	34.612	27.054	1.065
650	6.817	34.592	27.123	1.119
700	6.281	34.575	27.181	1.170
750	5.894	34.562	27.220	1.218
800	5.570	34.558	27.257	1.264
900	5.111	34.556	27.311	1.353
1000	4.630	34.562	27.370	1.437
1500	3.109	34.603	27.558	1.799
2000	2.196	34.639	27.667	2.087
2500	1.700	34.662	27.724	2.337
2999	1.471	34.672	27.749	2.570

CAST EP3-94-MB -023 DATE 17 AUG 94 TIME 2333 GMT

LAT 00 29.9N LONG 110 03.4W



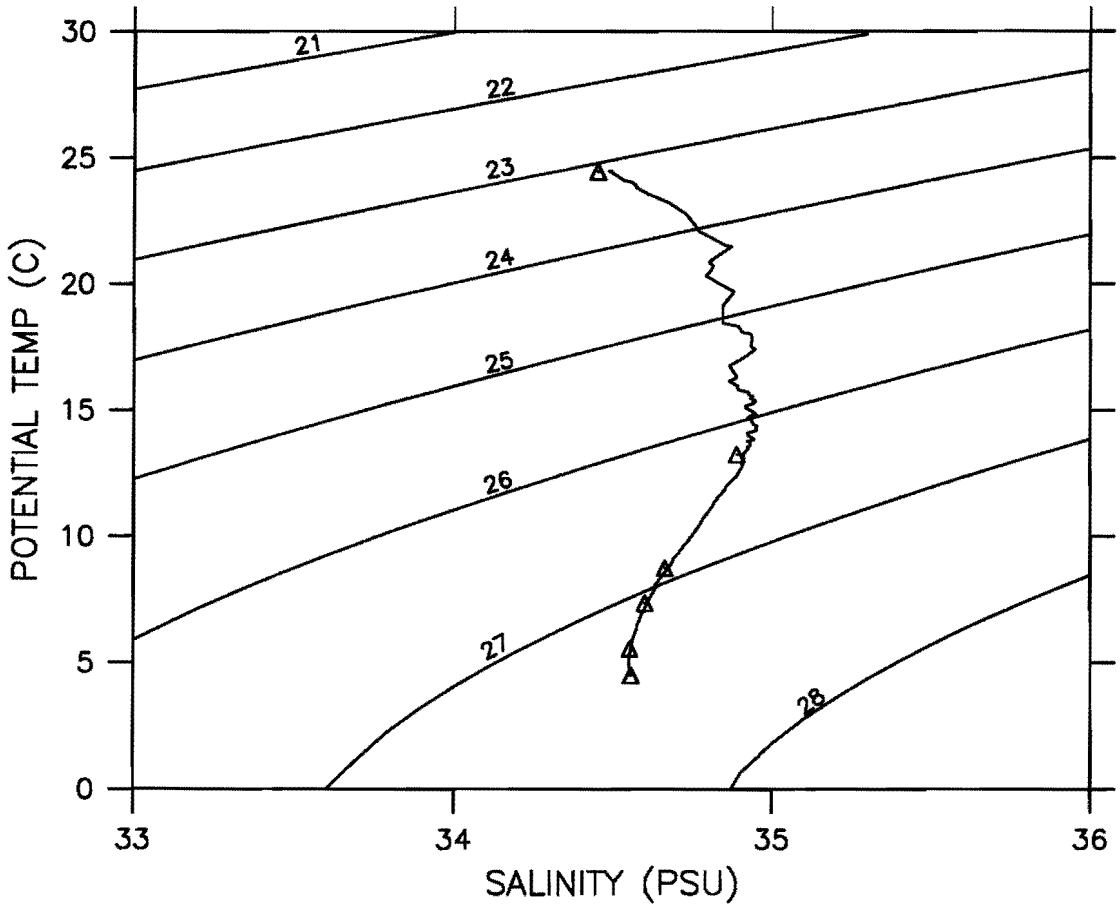


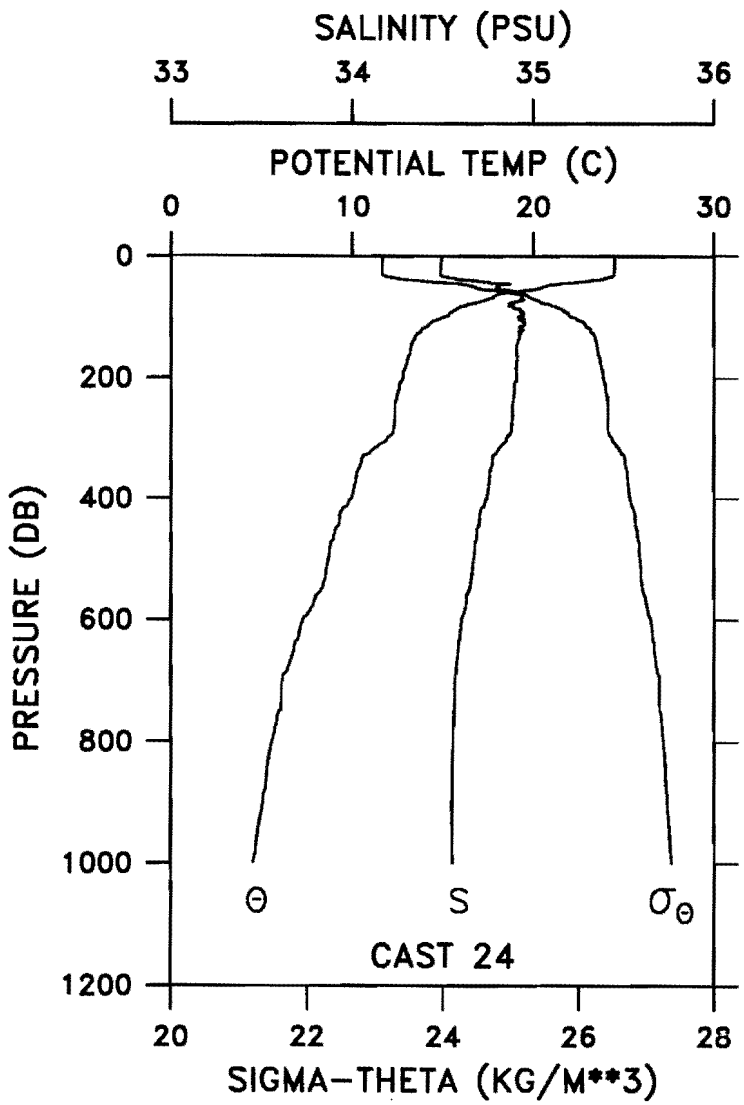
CAST EP3-94-MB -023 DATE 17 AUG 94 TIME 2333 GMT
LAT 00 29.9N LONG 110 03.4W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 120 T SPD 20 KT VISIBILITY 7
CLOUD 1 AMOUNT 2 DRY 23.0 WET 21.0 DEPTH 3815 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.851	34.610	23.682	0.000
10	22.693	34.619	23.734	0.042
20	22.615	34.626	23.762	0.084
30	22.103	34.672	23.941	0.124
40	21.129	34.779	24.292	0.163
50	19.942	34.941	24.733	0.197
60	19.294	34.972	24.925	0.228
70	18.781	34.954	25.043	0.258
80	17.617	34.881	25.275	0.287
90	15.765	34.855	25.690	0.312
100	15.282	34.857	25.801	0.335
110	15.103	34.851	25.835	0.357
120	13.941	34.871	26.101	0.378
130	13.826	34.899	26.146	0.397
140	13.768	34.897	26.157	0.416
150	13.751	34.910	26.170	0.435
160	13.703	34.906	26.178	0.454
170	13.293	34.870	26.234	0.472
180	13.014	34.892	26.307	0.490
190	12.967	34.898	26.321	0.507
200	12.951	34.901	26.326	0.525
250	12.536	34.885	26.397	0.611
300	12.252	34.871	26.441	0.695
350	10.664	34.776	26.662	0.771
400	10.195	34.752	26.725	0.842
450	9.077	34.688	26.862	0.910
500	8.454	34.658	26.936	0.971
550	8.176	34.643	26.968	1.031
600	7.497	34.615	27.046	1.089
650	7.022	34.597	27.098	1.143
700	6.567	34.582	27.149	1.195
750	5.994	34.566	27.210	1.244
800	5.648	34.561	27.250	1.291
900	5.171	34.557	27.304	1.379
1000	4.729	34.560	27.358	1.463
1003	4.725	34.560	27.358	1.466

CAST EP3-94-MB -024 DATE 18 AUG 94 TIME 0245 GMT

LAT 00 59.9N LONG 110 04.7W



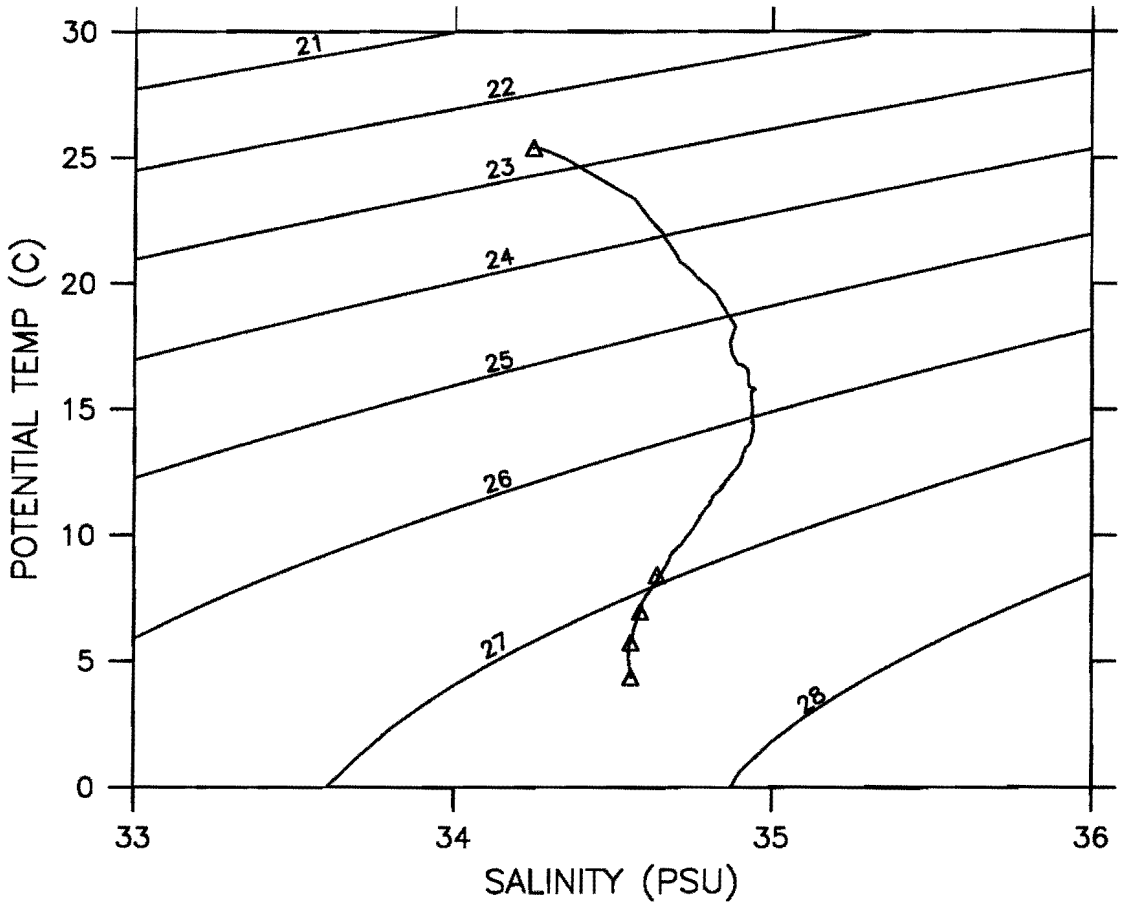


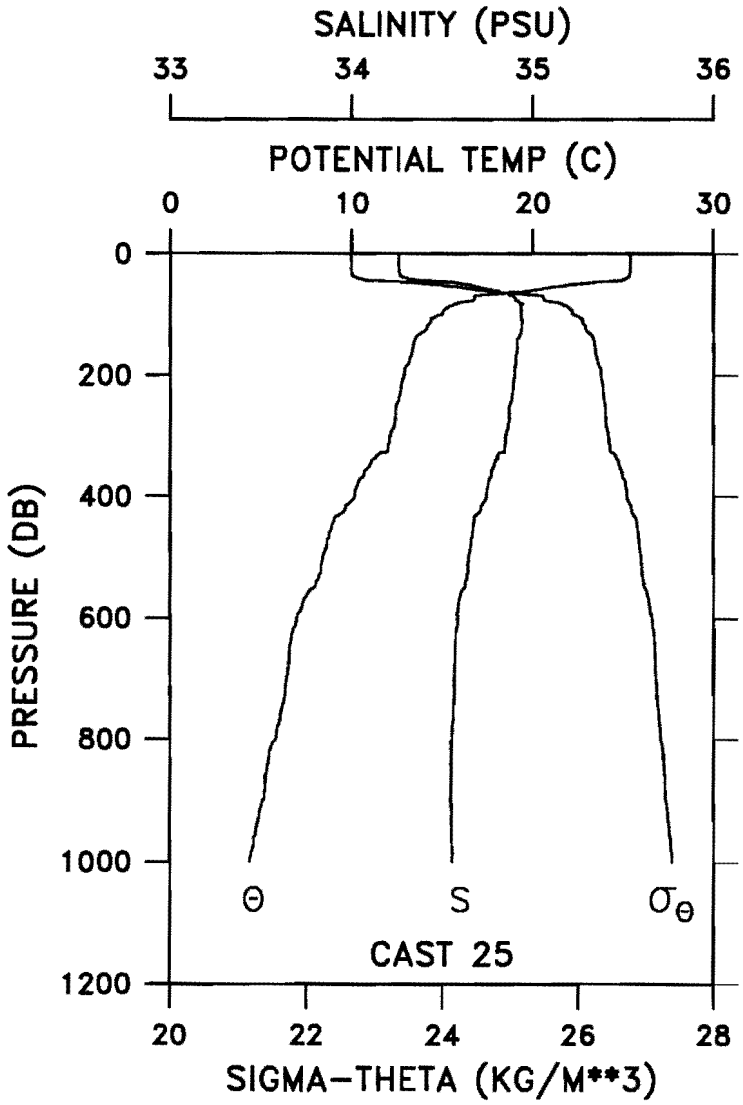
CAST EP3-94-MB -024 DATE 18 AUG 94 TIME 0245 GMT
LAT 00 59.9N LONG 110 04.7W WEATHER 1 SEA STATE 2
BAROMETER 13 WIND DIR 121 T SPD 21 KT VISIBILITY 6
CLOUD 9 AMOUNT 2 DRY 22.9 WET 20.3 DEPTH 3760 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.487	34.493	23.115	0.000
10	24.496	34.490	23.109	0.047
20	24.492	34.487	23.108	0.095
30	24.479	34.486	23.111	0.143
40	23.215	34.676	23.627	0.189
50	20.625	34.811	24.453	0.227
60	18.443	34.845	25.044	0.260
70	17.558	34.932	25.329	0.287
80	16.332	34.888	25.586	0.313
90	15.574	34.932	25.793	0.336
100	15.073	34.918	25.893	0.357
110	14.287	34.950	26.089	0.378
120	13.834	34.944	26.179	0.397
130	13.496	34.926	26.235	0.415
140	13.329	34.915	26.261	0.433
150	13.219	34.908	26.278	0.451
160	13.182	34.910	26.287	0.469
170	13.043	34.910	26.315	0.486
180	12.961	34.908	26.330	0.504
190	12.824	34.907	26.357	0.521
200	12.791	34.907	26.363	0.538
250	12.342	34.885	26.434	0.622
300	11.951	34.854	26.486	0.705
350	10.396	34.768	26.703	0.779
400	9.969	34.745	26.759	0.848
450	9.113	34.691	26.858	0.914
500	8.684	34.672	26.911	0.977
550	8.309	34.649	26.952	1.038
600	7.288	34.606	27.068	1.095
650	6.764	34.586	27.125	1.148
700	6.131	34.569	27.196	1.198
750	5.933	34.564	27.217	1.246
800	5.552	34.557	27.258	1.293
900	5.051	34.550	27.313	1.381
1000	4.508	34.554	27.378	1.464
1006	4.486	34.555	27.380	1.469

CAST EP3-94-MB -025 DATE 18 AUG 94 TIME 0600 GMT

LAT 01 29.6N LONG 110 06.3W



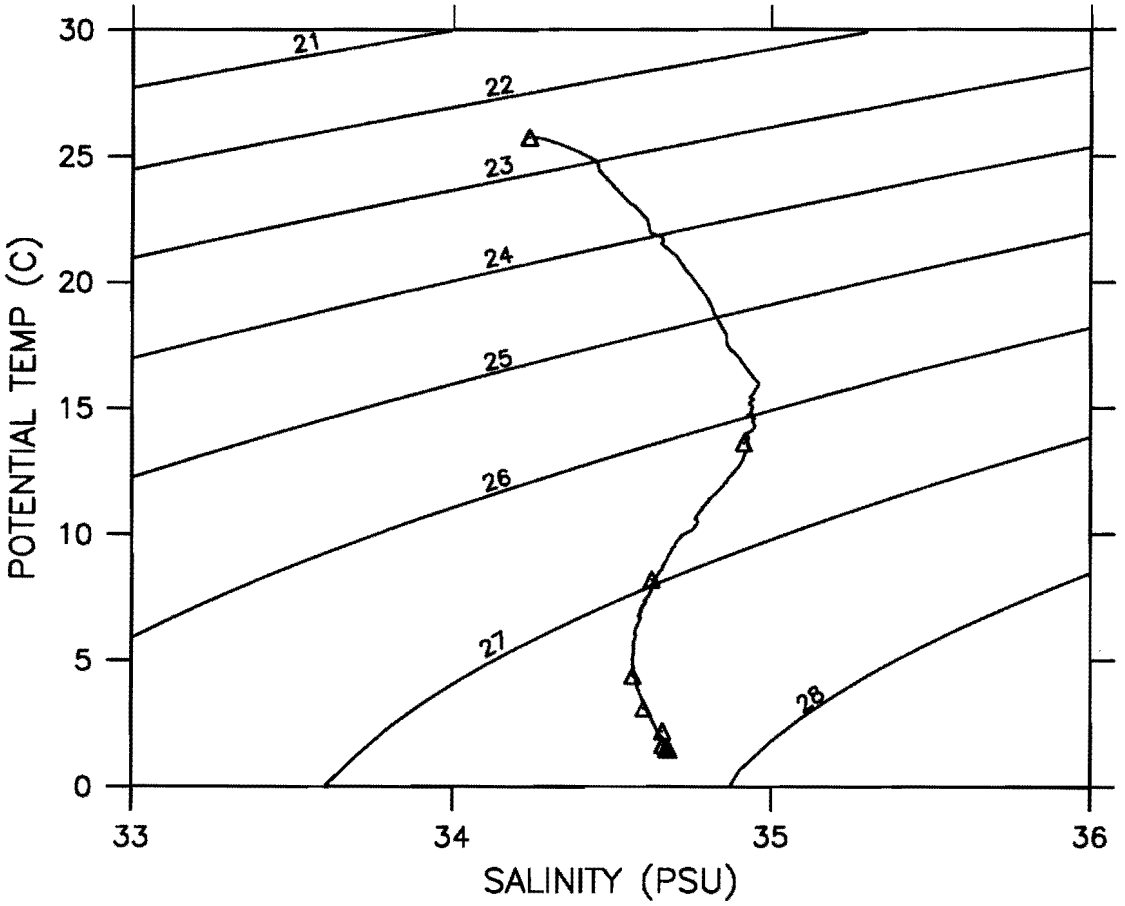


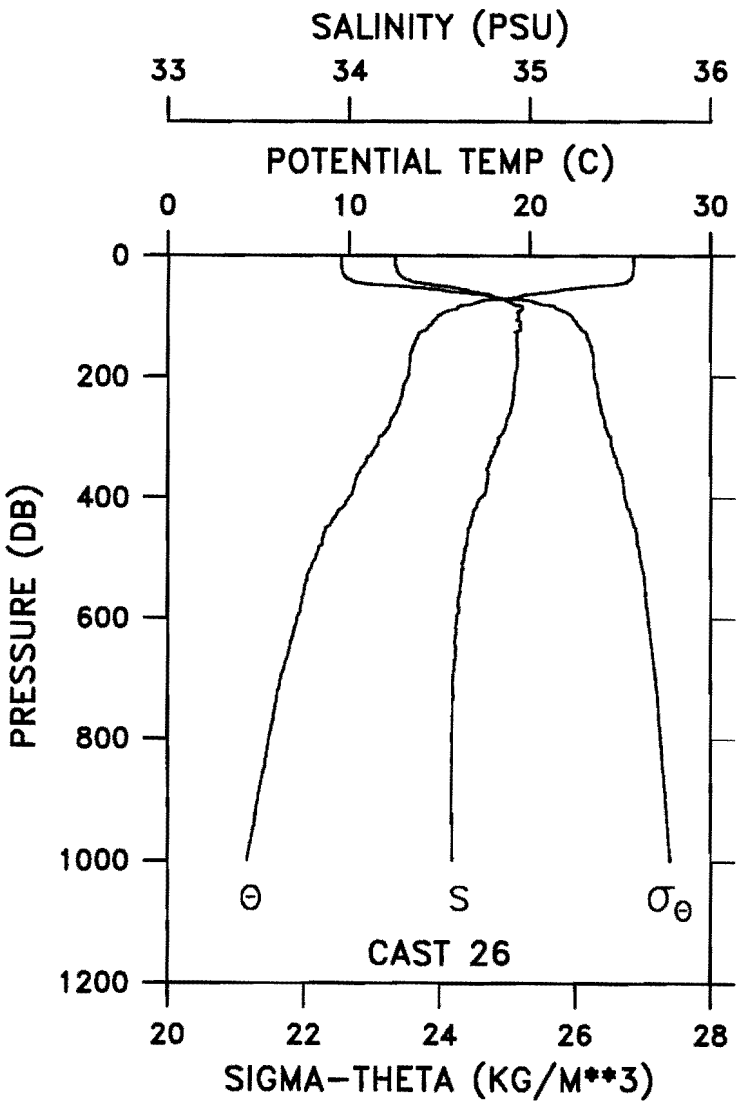
CAST EP3-94-MB -025 DATE 18 AUG 94 TIME 0600 GMT
LAT 01 29.6N LONG 110 06.3W WEATHER 2 SEA STATE 9
BAROMETER 14 WIND DIR 120 T SPD 20 KT VISIBILITY 6
CLOUD 8 AMOUNT 7 DRY 23.1 WET 21.0 DEPTH 3788 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.403	34.259	22.661	0.000
10	25.400	34.258	22.661	0.052
20	25.398	34.259	22.662	0.104
30	25.397	34.261	22.664	0.156
40	25.213	34.301	22.750	0.207
50	22.454	34.619	23.802	0.254
60	20.063	34.779	24.578	0.291
70	16.811	34.892	25.477	0.321
80	15.930	34.926	25.708	0.345
90	15.249	34.936	25.868	0.367
100	14.986	34.937	25.927	0.389
110	14.353	34.941	26.068	0.409
120	14.155	34.940	26.109	0.428
130	13.860	34.934	26.166	0.447
140	13.506	34.918	26.227	0.466
150	13.411	34.914	26.243	0.484
160	13.346	34.914	26.256	0.502
170	13.235	34.908	26.274	0.520
180	13.126	34.907	26.296	0.538
190	12.924	34.901	26.332	0.555
200	12.887	34.900	26.339	0.573
250	12.456	34.874	26.403	0.658
300	12.130	34.852	26.450	0.742
350	10.963	34.786	26.617	0.821
400	10.172	34.746	26.724	0.893
450	8.899	34.672	26.878	0.959
500	8.402	34.646	26.935	1.021
550	7.934	34.624	26.989	1.081
600	6.966	34.585	27.097	1.136
650	6.574	34.574	27.142	1.187
700	6.400	34.568	27.160	1.238
750	6.133	34.563	27.191	1.288
800	5.789	34.556	27.229	1.336
900	5.103	34.547	27.304	1.425
1000	4.378	34.556	27.393	1.507
1004	4.355	34.557	27.396	1.511

CAST EP3-94-MB -026 DATE 18 AUG 94 TIME 0958 GMT

LAT 02 01.2N LONG 110 08.4W





CAST EP3-94-MB -026 DATE 18 AUG 94 TIME 0958 GMT
LAT 02 01.2N LONG 110 08.4W WEATHER 2 SEA STATE 4
BAROMETER 12 WIND DIR 135 T SPD 19 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 23.5 WET 21.3 DEPTH 3894 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.742	34.255	22.553	0.000
10	25.744	34.253	22.551	0.053
20	25.736	34.258	22.557	0.106
30	25.711	34.272	22.575	0.159
40	25.483	34.333	22.692	0.211
50	23.562	34.522	23.410	0.261
60	21.052	34.701	24.254	0.301
70	18.842	34.817	24.923	0.334
80	16.757	34.911	25.505	0.361
90	15.566	34.943	25.803	0.384
100	14.859	34.936	25.954	0.405
110	14.600	34.948	26.019	0.426
120	14.312	34.948	26.082	0.446
130	13.819	34.929	26.171	0.465
140	13.664	34.926	26.201	0.484
150	13.507	34.926	26.233	0.502
160	13.408	34.931	26.257	0.520
170	13.355	34.931	26.268	0.538
180	13.337	34.931	26.272	0.556
190	13.295	34.924	26.275	0.574
200	13.237	34.917	26.282	0.592
250	12.684	34.897	26.377	0.679
300	11.633	34.827	26.524	0.762
350	10.726	34.766	26.643	0.839
400	10.005	34.726	26.738	0.910
450	8.720	34.659	26.896	0.976
500	8.168	34.635	26.962	1.036
550	7.535	34.615	27.040	1.093
600	7.120	34.597	27.085	1.148
650	6.692	34.591	27.139	1.200
700	6.208	34.576	27.191	1.250
750	5.879	34.573	27.231	1.297
800	5.548	34.568	27.268	1.343
900	4.957	34.567	27.337	1.430
1000	4.365	34.572	27.407	1.511
1500	3.082	34.607	27.564	1.852
2000	2.198	34.644	27.671	2.138
2500	1.648	34.671	27.735	2.382
3000	1.464	34.677	27.753	2.612
3000	1.464	34.677	27.753	2.612

CAST EP3-94-MB -003 LAT 05 59.6N LONG 094 59.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
3.	27.124	33.429	0.00	27.123	21.498
3.	27.128	33.429	0.00	27.127	21.497
9.	27.114	33.429	0.00	27.112	21.501
148.	13.192	34.904	0.00	13.171	26.285
497.	8.466	34.642	0.00	8.413	26.930
798.	5.517	34.562	0.00	5.448	27.275
1011.	4.616	34.577	0.00	4.535	27.393
1012.	4.616	34.556*	0.00	4.534*	27.376*

CAST EP3-94-MB -004 LAT 04 59.5N LONG 094 59.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
7.	26.736	33.707	0.00	26.734	21.830
7.	26.736	33.706	0.00	26.734	21.830
9.	26.736	33.705	0.00	26.734	21.829
96.	16.378	34.934	0.00	16.363	25.614
150.	14.185	34.925	0.00	14.163	26.095
498.	8.267	34.640	0.00	8.215	26.959
599.	7.146	34.594	0.00	7.088	27.087
798.	5.723	34.563	0.00	5.653	27.251
998.	4.651	34.570	0.00	4.570	27.383
998.	4.651	34.570	0.00	4.570	27.383

CAST EP3-94-MB -005 LAT 03 59.8N LONG 094 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	26.387	33.958	0.00	26.386	22.129
9.	26.378	33.958	0.00	26.376	22.132
150.	14.129	34.922	0.00	14.107	26.105
499.	8.098	34.628	0.00	8.046	26.975
598.	7.463	34.614	0.00	7.404	27.058
797.	5.952	34.564	0.00	5.881	27.223
999.	4.648	34.571	0.00	4.567	27.384

CAST EP3-94-MB -006 LAT 03 00.4N LONG 095 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	26.405	33.893	0.00	26.404	22.074
5.	26.418	33.891	0.00	26.417	22.069
10.	26.409	33.891	0.00	26.407	22.072
499.	8.278	34.633	0.00	8.226	26.952
798.	5.799	34.568	0.00	5.729	27.246
998.	4.788	34.567	0.00	4.706	27.366
998.	4.788	34.569	0.00	4.706	27.367

* Calculated from CTD values

CAST EP3-94-MB -007 LAT 01 59.8N LONG 095 00.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	25.378	33.853	0.00	25.377	22.362
9.	25.392	33.867	0.00	25.390	22.369
149.	13.738	34.923	0.00	13.717	26.187
499.	8.297	34.645	0.00	8.245	26.958
597.	7.676	34.594	0.00	7.616	27.012
798.	5.632	34.562	0.00	5.563	27.261
1003.	4.549	34.567	0.00	4.469	27.392
1003.	4.546	34.568	0.00	4.466	27.393

CAST EP3-94-MB -008 LAT 01 00.0N LONG 094 58.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	21.457	34.579	0.00	21.456	24.050
6.	21.439	34.581	0.00	21.438	24.057
10.	21.429	34.580	0.00	21.427	24.059
149.	13.568	34.916	0.00	13.547	26.217
499.	8.372	34.648	0.00	8.319	26.949
598.	7.542	34.616	0.00	7.482	27.048
798.	5.590	34.567	0.00	5.521	27.270
1003.	4.710	34.561	0.00	4.629	27.369
998.	4.713	34.562	0.00	4.632	27.370

CAST EP3-94-MB -009 LAT 00 01.7S LONG 094 55.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
39.	15.798	34.930	0.00	15.792	25.742
149.	13.363	34.929	0.00	13.342	26.269
497.	9.123	34.686	0.00	9.068	26.862
997.	4.663	34.563	0.00	4.582	27.376
1497.	3.091	34.608	0.00	2.982	27.574
2496.	1.924	34.662	0.00	1.745	27.721
2747.	1.792	34.676	0.00	1.593	27.743
3000.	1.736	34.676	0.00	1.514	27.749

CAST EP3-94-MB -010 LAT 01 01.1S LONG 094 56.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
8.	18.924	35.034	0.00	18.923	25.068
9.	18.916	34.998	0.00	18.914	25.043
149.	13.583	34.961	0.00	13.562	26.249
499.	8.413	34.649	0.00	8.360	26.944
799.	5.484	34.550	0.00	5.416	27.270
998.	4.798	34.555	0.00	4.716	27.355
1497.	3.052	34.609	0.00	2.944	27.578
2497.	1.902	34.664	0.00	1.724	27.724
2748.	1.831	34.668	0.00	1.631	27.734
2996.	1.744	34.678	0.00	1.522	27.750

CAST EP3-94-MB -012 LAT 01 59.2S LONG 095 01.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
8.	18.965	34.974	0.00	18.964	25.012
10.	18.863	34.978	0.00	18.861	25.041
149.	13.849	34.996	0.00	13.828	26.221
499.	8.565	34.659	0.00	8.512	26.928
798.	5.760	34.566	0.00	5.690	27.249
1000.	4.456	34.569	0.00	4.377	27.403
1498.	2.969	34.613	0.00	2.862	27.589
2198.	2.111	34.657	0.00	1.956	27.700
2497.	1.888	34.665	0.00	1.710	27.726
2747.	1.766	34.674	0.00	1.567	27.744
2995.	1.746	34.677	0.00	1.524	27.749

CAST EP3-94-MB -013 LAT 01 58.4S LONG 094 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	19.595	34.956	0.00	19.594	24.836
4.	19.598	34.956	0.00	19.597	24.835
500.	8.240	34.642	0.00	8.188	26.965
499.	8.248	34.642	0.00	8.196	26.963

CAST EP3-94-MB -014 LAT 03 00.0S LONG 095 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	20.134	35.047	0.00	20.133	24.764
3.	20.132	35.048	0.00	20.131	24.765
10.	20.136	35.049	0.00	20.134	24.765
149.	13.889	34.970	0.00	13.868	26.192
499.	8.585	34.663	0.00	8.532	26.928
598.	7.616	34.621	0.00	7.556	27.042
798.	5.680	34.564	0.00	5.610	27.257
998.	4.535	34.558	0.00	4.455	27.386
998.	4.536	34.558	0.00	4.456	27.386

CAST EP3-94-MB -015 LAT 03 59.6S LONG 095 00.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	22.245	35.278	0.00	22.244	24.362
5.	22.245	35.278	0.00	22.244	24.362
10.	22.244	35.282	0.00	22.242	24.365
149.	13.600	34.959	0.00	13.579	26.244
498.	8.087	34.640	0.00	8.036	26.986
598.	7.233	34.605	0.00	7.175	27.083
798.	5.782	34.567	0.00	5.712	27.247
996.	4.706	34.559	0.00	4.625	27.368

CAST EP3-94-MB -016 LAT 04 57.8S LONG 095 01.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	22.838	35.446	0.00	22.837	24.320
5.	22.835	35.446	0.00	22.834	24.321
11.	22.830	35.446	0.00	22.828	24.323
99.	15.284	35.119	0.00	15.269	26.005
148.	13.175	34.949	0.00	13.155	26.323
498.	7.643	34.615	0.00	7.593	27.032
596.	6.935	34.585	0.00	6.878	27.109
727.	6.026	34.560	0.00	5.961	27.210
1003.	4.531	34.554	0.00	4.451	27.383
1002.	4.530	34.554	0.00	4.450	27.384

CAST EP3-94-MB -017 LAT 06 00.0S LONG 095 01.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	22.746	35.364	0.00	22.745	24.285
9.	22.747	35.372	0.00	22.745	24.291
148.	12.938	34.953	0.00	12.918	26.374
499.	7.959	34.629	0.00	7.908	26.996
598.	6.864	34.585	0.00	6.807	27.119
799.	5.565	34.550	0.00	5.496	27.260
1005.	4.622	34.555	0.00	4.541	27.374
1006.	4.640	34.555	0.00	4.559	27.372

CAST EP3-94-MB -018 LAT 07 00.0S LONG 095 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	22.758	35.446	0.00	22.757	24.343
5.	22.741	35.446	0.00	22.740	24.348
9.	22.756	35.449	0.00	22.754	24.347
149.	13.125	34.941	0.00	13.104	26.327
498.	8.430	34.656	0.00	8.377	26.947
598.	7.313	34.603	0.00	7.254	27.071
798.	5.726	34.553	0.00	5.656	27.243
998.	4.633	34.552	0.00	4.553	27.371
998.	4.637	34.553	0.00	4.557	27.371

CAST EP3-94-MB -019 LAT 07 57.6S LONG 095 03.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	22.620	35.447	0.00	22.619	24.384
5.	22.621	35.446	0.00	22.620	24.383
9.	22.608	35.446	0.00	22.606	24.387
149.	13.136	34.965	0.00	13.115	26.343
498.	8.618	34.662	0.00	8.565	26.923
599.	7.259	34.598	0.00	7.200	27.074
797.	5.760	34.548	0.00	5.690	27.235
1002.	4.611	34.546	0.00	4.530	27.368
1001.	4.612	34.548	0.00	4.531	27.370

CAST EP3-94-MB -020 LAT 01 59.2S LONG 110 00.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	22.115	34.746	0.00	22.114	23.994
4.	22.115	34.746	0.00	22.114	23.994
9.	22.112	34.746	0.00	22.110	23.995
150.	13.112	34.918	0.00	13.091	26.312
499.	8.777	34.668	0.00	8.723	26.902
598.	7.294	34.594	0.00	7.235	27.066
798.	5.705	34.557	0.00	5.635	27.248
1003.	4.589	34.560	0.00	4.508	27.382

CAST EP3-94-MB -021 LAT 00 59.9S LONG 110 01.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	21.983	34.726	0.00	21.982	24.016
5.	21.983	34.726	0.00	21.982	24.016
9.	21.986	34.726	0.00	21.984	24.016
148.	13.170	34.927	0.00	13.149	26.307
498.	8.784	34.662	0.00	8.730	26.897
598.	7.591	34.601	0.00	7.531	27.030
798.	5.783	34.550	0.00	5.713	27.233
996.	4.544	34.553	0.00	4.464	27.381
998.	4.536	34.553	0.00	4.456	27.382

CAST EP3-94-MB -022 LAT 00 00.1S LONG 110 01.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
7.	22.060	34.746	0.00	22.059	24.010
10.	22.016	34.746	0.00	22.014	24.022
91.	15.978	34.982	0.00	15.964	25.743
148.	14.378	34.987	0.00	14.356	26.102
499.	8.614	34.654	0.00	8.561	26.917
997.	4.704	34.554	0.00	4.623	27.365
1496.	3.211	34.604	0.00	3.101	27.560
1997.	2.329	34.633	0.00	2.188	27.663
2749.	1.778	34.668	0.00	1.579	27.738
2999.	1.692	34.673	0.00	1.471	27.750

CAST EP3-94-MB -023 LAT 00 29.9N LONG 110 03.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	22.738	34.606	0.00	22.737	23.712
4.	22.738	34.606	0.00	22.737	23.712
9.	22.709	34.606	0.00	22.707	23.720
147.	13.717	34.892	0.00	13.696	26.168
498.	8.505	34.651	0.00	8.452	26.931
797.	5.717	34.556	0.00	5.647	27.246
1004.	4.804	34.556	0.00	4.722	27.355

CAST EP3-94-MB -024 LAT 00 59.9N LONG 110 04.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	24.450	34.451	0.00	24.449	23.094
9.	24.454	34.452	0.00	24.452	23.094
150.	13.256	34.889	0.00	13.235	26.260
498.	8.786	34.664	0.00	8.732	26.898
599.	7.400	34.601	0.00	7.341	27.057
798.	5.621	34.553	0.00	5.552	27.255
1003.	4.568	34.557	0.00	4.488	27.382
1004.	4.566	34.556	0.00	4.486	27.381

CAST EP3-94-MB -025 LAT 01 29.6N LONG 110 06.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
4.	25.387	34.248	0.00	25.386	22.657
4.	25.387	34.248	0.00	25.386	22.657
498.	8.454	34.638	0.00	8.401	26.929
599.	7.015	34.586	0.00	6.958	27.099
797.	5.803	34.556	0.00	5.733	27.236
1001.	4.437	34.556	0.00	4.358	27.395
1002.	4.435	34.556	0.00	4.356	27.395

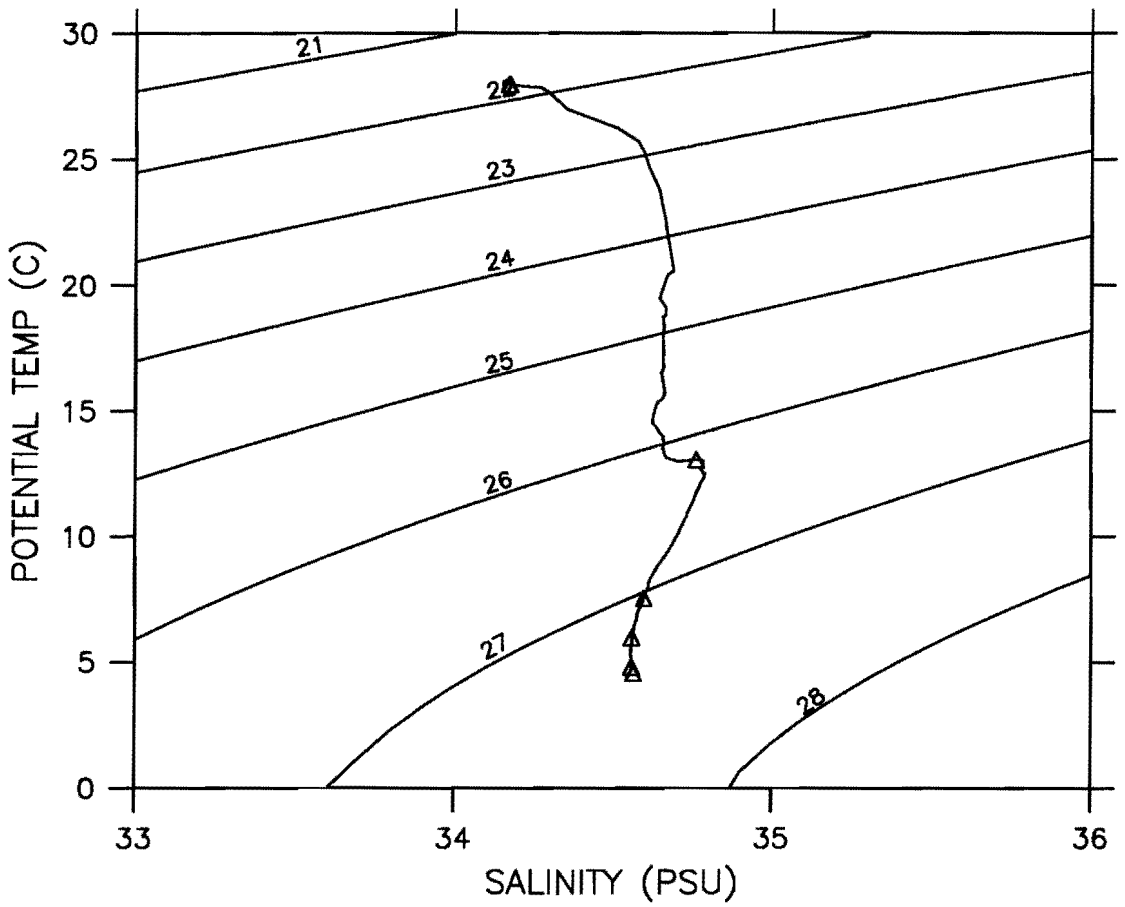
CAST EP3-94-MB -026 LAT 02 01.2N LONG 110 08.4W

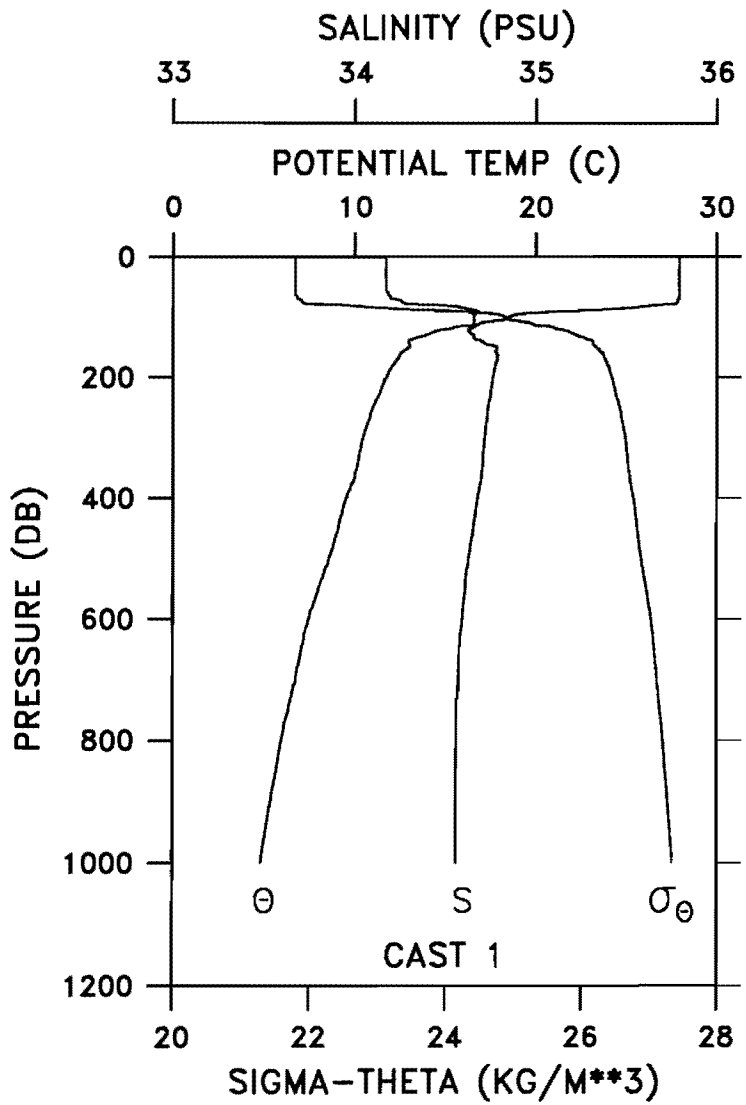
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	25.721	34.239	0.00	25.720	22.548
9.	25.742	34.237	0.00	25.740	22.540
149.	13.631	34.914	0.00	13.610	26.203
501.	8.252	34.626	0.00	8.200	26.950
997.	4.444	34.566	0.00	4.365	27.402
1497.	3.196	34.600	0.00	3.086	27.558
1996.	2.329	34.660	0.00	2.188	27.684
2497.	1.822	34.660	0.00	1.645	27.727
2747.	1.753	34.674	0.00	1.555	27.745
3000.	1.685	34.673	0.00	1.464	27.750
2997.	1.684	34.680	0.00	1.463	27.756

EP4-94-MB
August 30-September 25, 1994
CTD and Hydrographic Data Summary

CAST EP4-94-MB -001 DATE 04 SEP 94 TIME 1743 GMT

LAT 08 08.8N LONG 124 54.6W



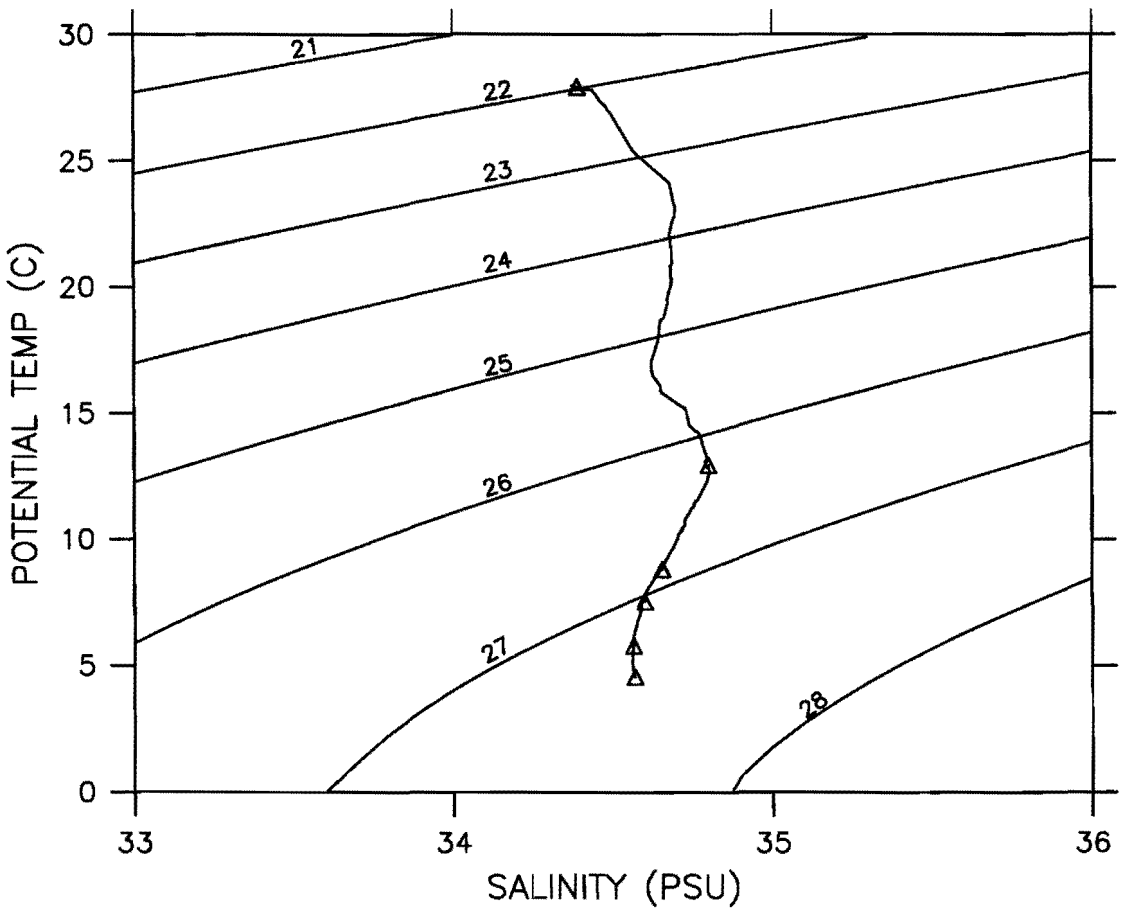


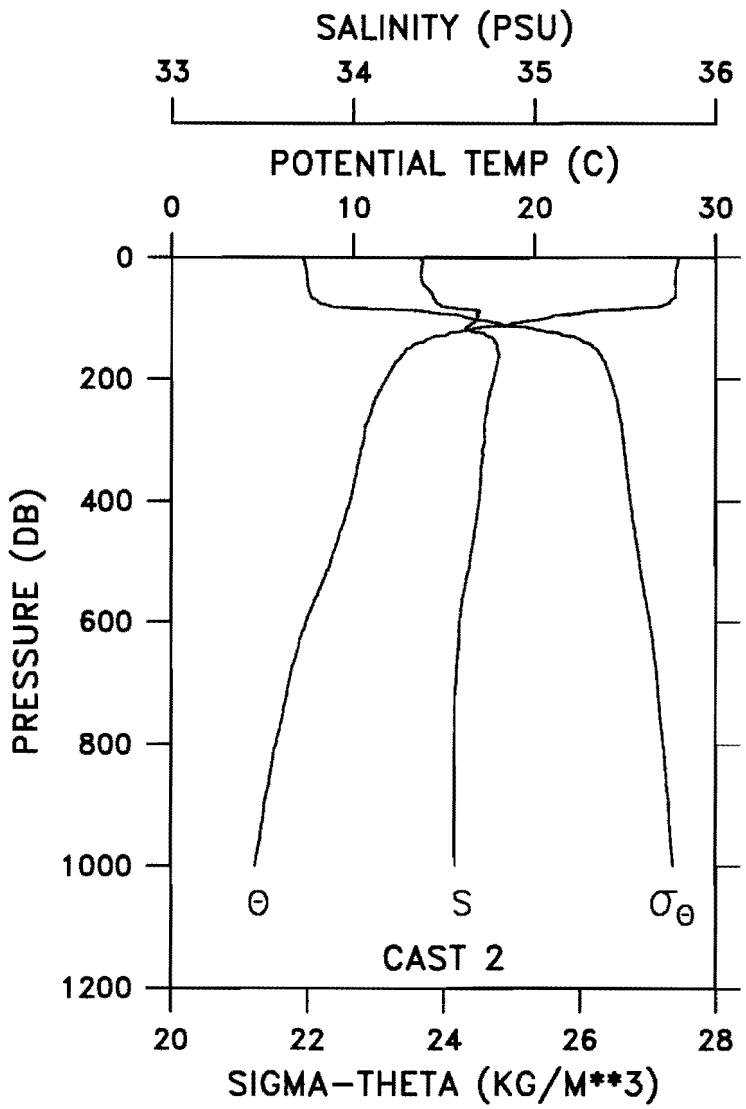
CAST EP4-94-MB -001 DATE 04 SEP 94 TIME 1743 GMT
LAT 08 08.8N LONG 124 54.6W WEATHER 2 SEA STATE 4
BAROMETER 12 WIND DIR 182 T SPD 18 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 27.9 WET 25.1 DEPTH 4445 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.958	34.172	21.788	0.000
10	27.955	34.173	21.790	0.060
20	27.946	34.171	21.791	0.120
30	27.944	34.171	21.792	0.181
40	27.942	34.172	21.793	0.241
50	27.942	34.174	21.794	0.301
60	27.951	34.184	21.799	0.361
70	27.889	34.222	21.848	0.422
80	26.278	34.500	22.571	0.481
90	21.503	34.676	24.112	0.527
100	18.504	34.658	24.886	0.561
110	16.957	34.657	25.262	0.590
120	15.045	34.632	25.679	0.615
130	13.886	34.658	25.947	0.637
140	12.973	34.705	26.170	0.657
150	13.010	34.784	26.224	0.676
160	12.532	34.784	26.319	0.694
170	12.335	34.788	26.360	0.711
180	12.101	34.776	26.396	0.728
190	11.902	34.770	26.429	0.744
200	11.766	34.765	26.451	0.760
250	10.994	34.737	26.572	0.839
300	10.459	34.718	26.653	0.913
350	10.123	34.706	26.702	0.984
400	9.551	34.680	26.778	1.053
450	9.111	34.657	26.832	1.119
500	8.590	34.630	26.893	1.183
550	8.021	34.612	26.966	1.244
600	7.474	34.596	27.034	1.302
650	7.051	34.580	27.081	1.357
700	6.738	34.574	27.119	1.410
750	6.342	34.566	27.166	1.461
800	5.976	34.561	27.209	1.510
900	5.363	34.556	27.281	1.603
1000	4.817	34.560	27.348	1.690
1005	4.793	34.560	27.350	1.694

CAST EP4-94-MB -002 DATE 05 SEP 94 TIME 0017 GMT

LAT 06 59.9N LONG 124 56.6W



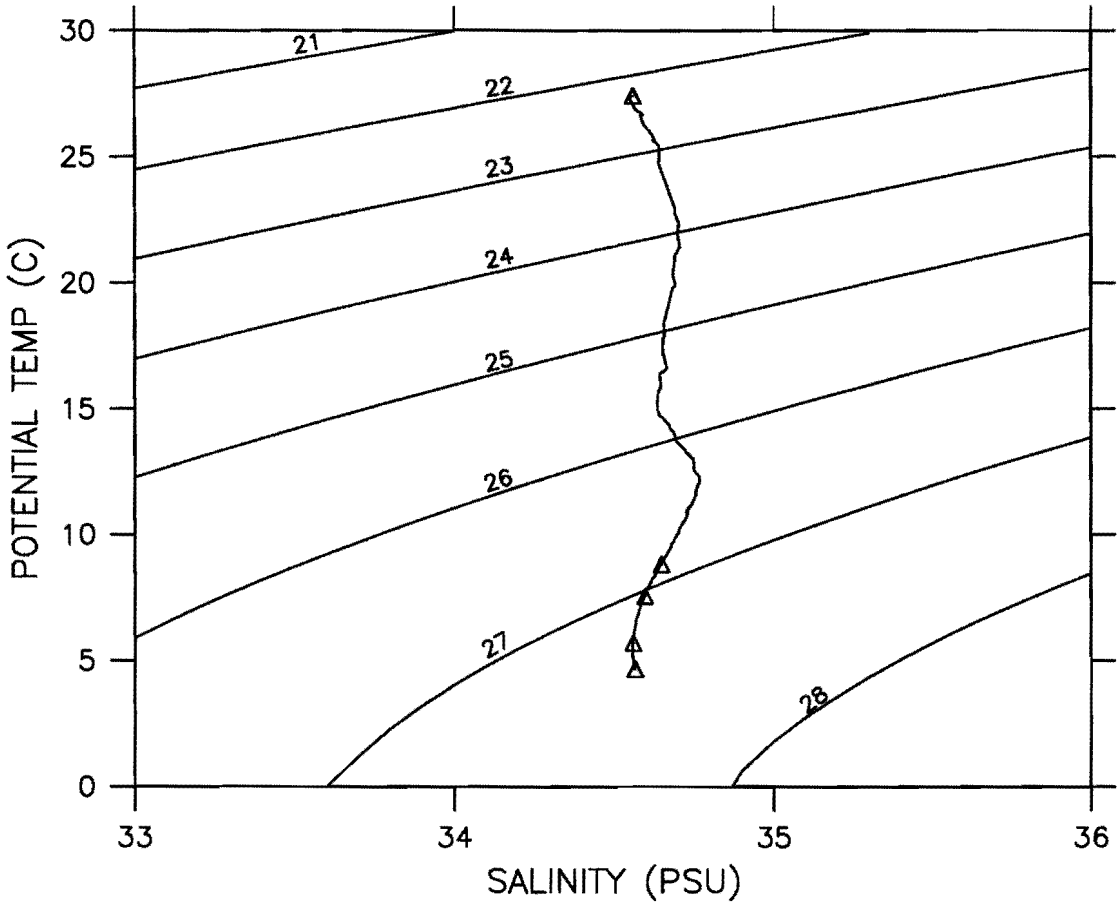


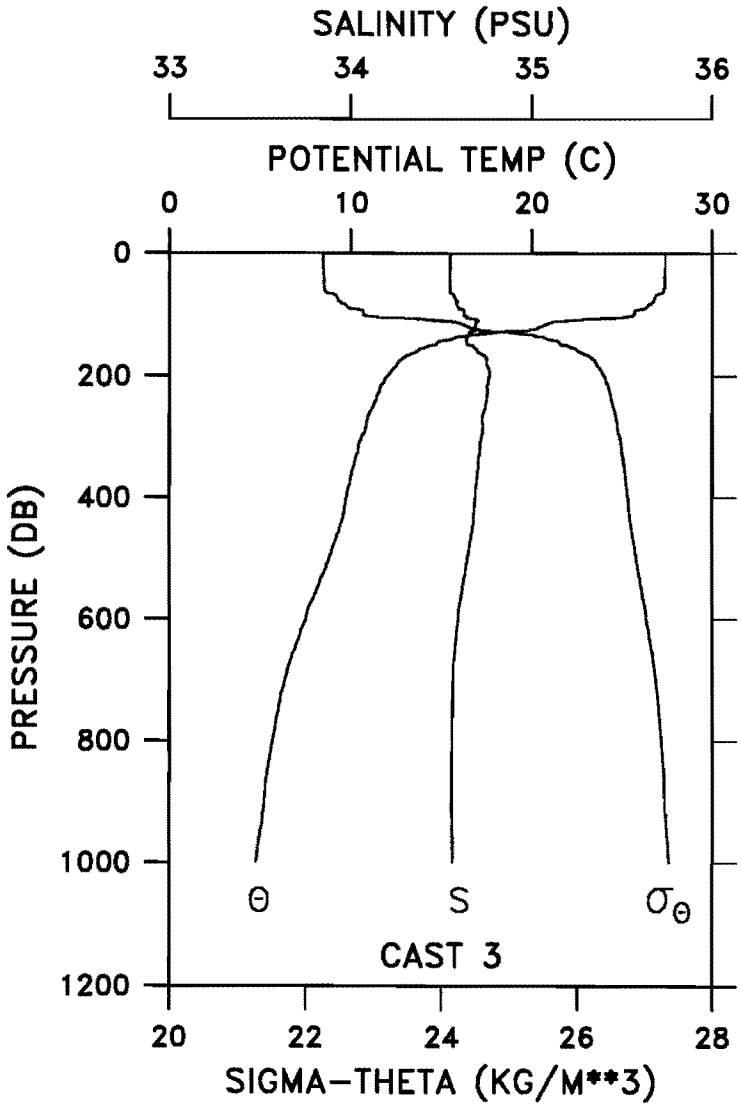
CAST EP4-94-MB -002 DATE 05 SEP 94 TIME 0017 GMT
LAT 06 59.9N LONG 124 56.6W WEATHER 1 SEA STATE 4
BAROMETER 07 WIND DIR 175 T SPD 14 KT VISIBILITY 7
CLOUD 6 AMOUNT 7 DRY 27.0 WET 24.0 DEPTH 3847 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.973	34.370	21.932	0.000
10	27.936	34.381	21.952	0.059
20	27.858	34.374	21.972	0.117
30	27.815	34.371	21.984	0.176
40	27.808	34.377	21.991	0.234
50	27.816	34.400	22.006	0.292
60	27.807	34.433	22.033	0.351
70	27.564	34.450	22.124	0.408
80	27.029	34.483	22.321	0.465
90	22.766	34.692	23.769	0.514
100	20.714	34.682	24.330	0.553
110	18.712	34.652	24.829	0.586
120	16.293	34.635	25.400	0.615
130	14.519	34.739	25.876	0.639
140	13.859	34.777	26.045	0.659
150	13.090	34.788	26.211	0.678
160	12.721	34.801	26.295	0.696
170	12.446	34.797	26.346	0.713
180	12.202	34.790	26.388	0.730
190	11.989	34.781	26.422	0.747
200	11.791	34.774	26.453	0.763
250	11.022	34.737	26.567	0.842
300	10.568	34.723	26.638	0.916
350	10.193	34.702	26.687	0.988
400	9.832	34.692	26.741	1.058
450	9.271	34.668	26.815	1.126
500	8.755	34.644	26.879	1.191
550	8.097	34.609	26.953	1.253
600	7.406	34.586	27.035	1.310
650	6.901	34.577	27.099	1.365
700	6.455	34.567	27.152	1.417
750	6.148	34.560	27.187	1.467
800	5.747	34.558	27.235	1.515
900	5.108	34.557	27.311	1.604
1000	4.598	34.562	27.374	1.688
1006	4.570	34.562	27.377	1.693

CAST EP4-94-MB -003 DATE 05 SEP 94 TIME 0606 GMT

LAT 06 00.0N LONG 124 57.1W



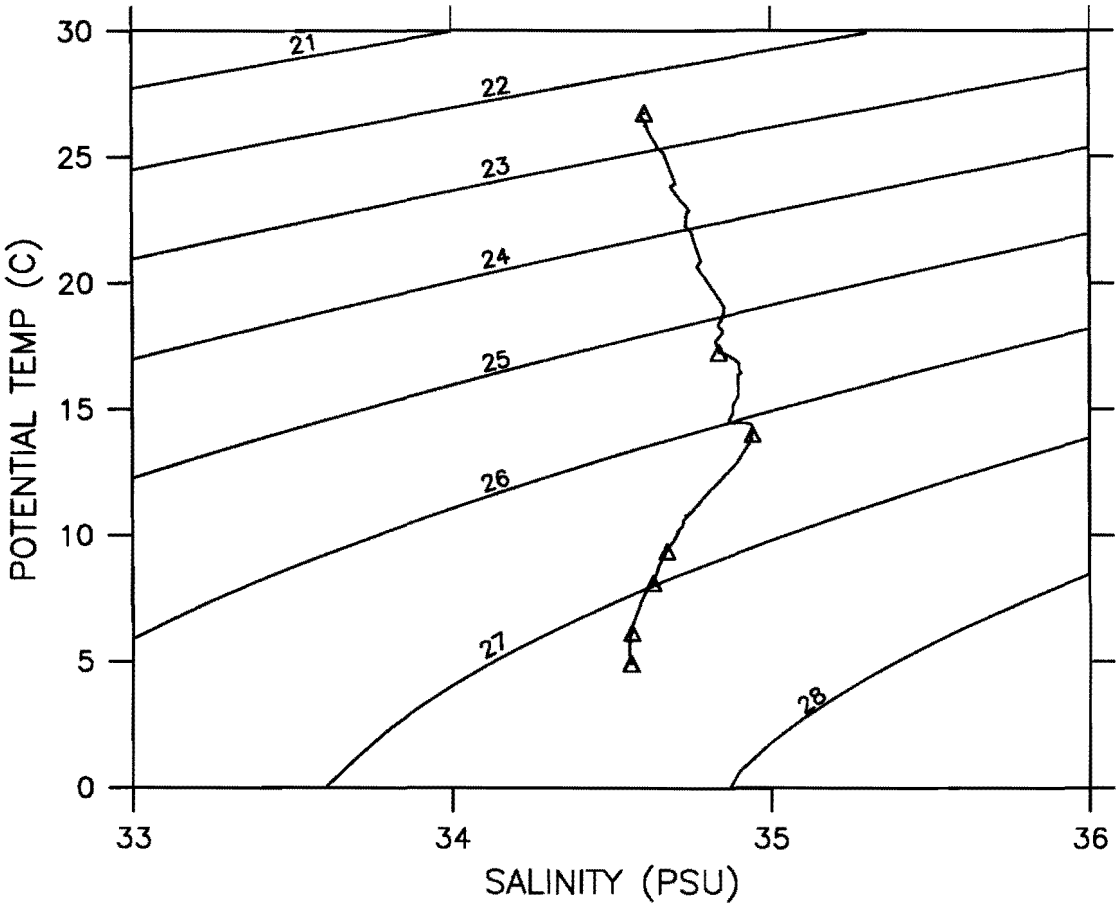


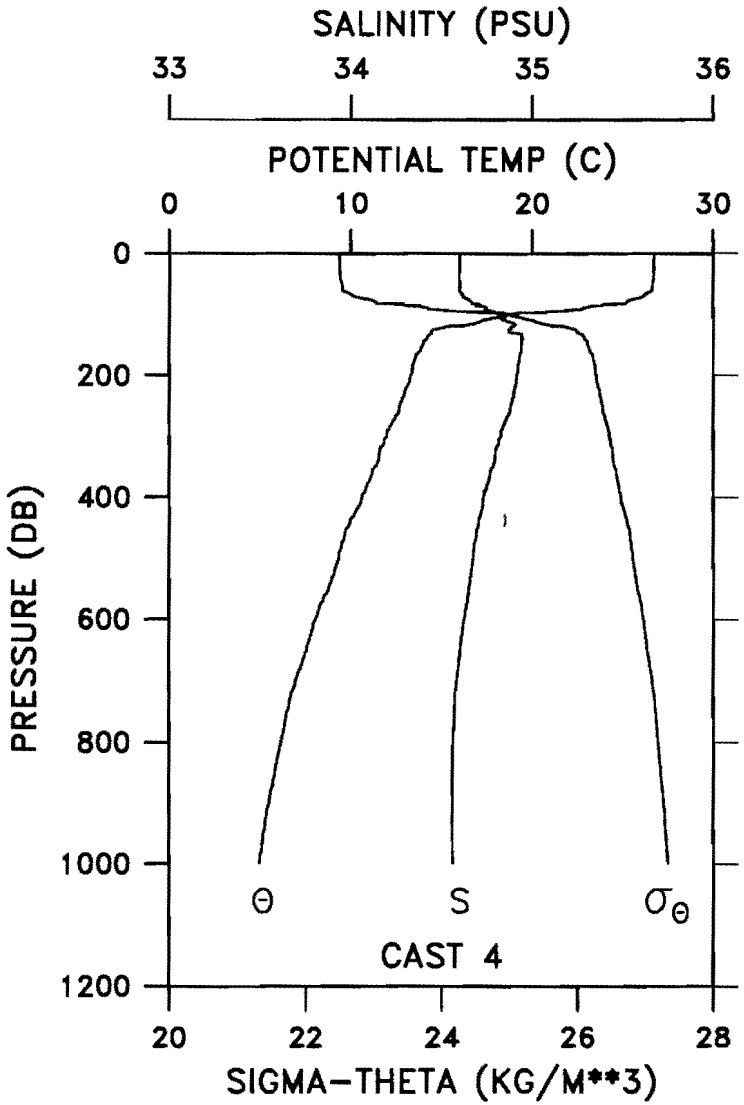
CAST EP4-94-MB -003 DATE 05 SEP 94 TIME 0606 GMT
LAT 06 00.0N LONG 124 57.1W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 155 T SPD 15 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 26.1 WET 24.0 DEPTH 4426 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.406	34.551	22.251	0.000
10	27.405	34.550	22.251	0.056
20	27.402	34.550	22.252	0.112
30	27.366	34.549	22.263	0.167
40	27.355	34.549	22.267	0.223
50	27.352	34.550	22.268	0.279
60	27.305	34.551	22.284	0.335
70	26.825	34.571	22.453	0.390
80	26.647	34.585	22.520	0.444
90	26.249	34.595	22.652	0.496
100	25.676	34.625	22.853	0.547
110	21.920	34.699	24.013	0.593
120	20.440	34.685	24.406	0.630
130	17.751	34.654	25.069	0.663
140	15.548	34.638	25.572	0.689
150	14.315	34.675	25.870	0.712
160	13.640	34.701	26.031	0.733
170	12.909	34.749	26.217	0.752
180	12.563	34.751	26.287	0.770
190	12.317	34.765	26.346	0.788
200	12.047	34.767	26.400	0.805
250	11.227	34.744	26.536	0.885
300	10.604	34.722	26.630	0.960
350	10.126	34.705	26.700	1.032
400	9.744	34.688	26.752	1.102
450	9.369	34.672	26.801	1.170
500	8.803	34.644	26.871	1.235
550	8.141	34.616	26.951	1.297
600	7.531	34.593	27.024	1.355
650	6.903	34.576	27.098	1.410
700	6.366	34.566	27.162	1.461
750	6.000	34.561	27.206	1.510
800	5.675	34.558	27.245	1.557
900	5.209	34.557	27.300	1.647
1000	4.739	34.563	27.359	1.732
1011	4.661	34.564	27.368	1.742

CAST EP4-94-MB -004 DATE 05 SEP 94 TIME 1134 GMT

LAT 05 04.6N LONG 125 01.0W



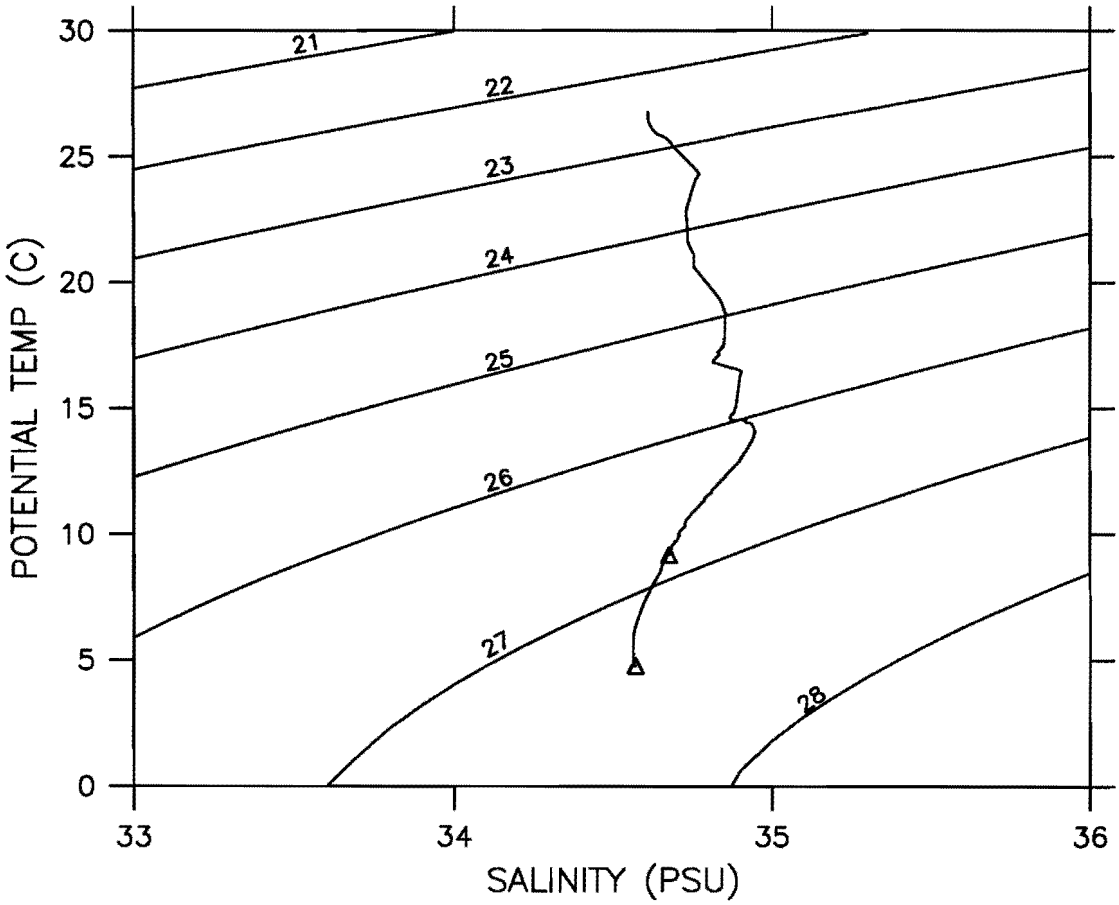


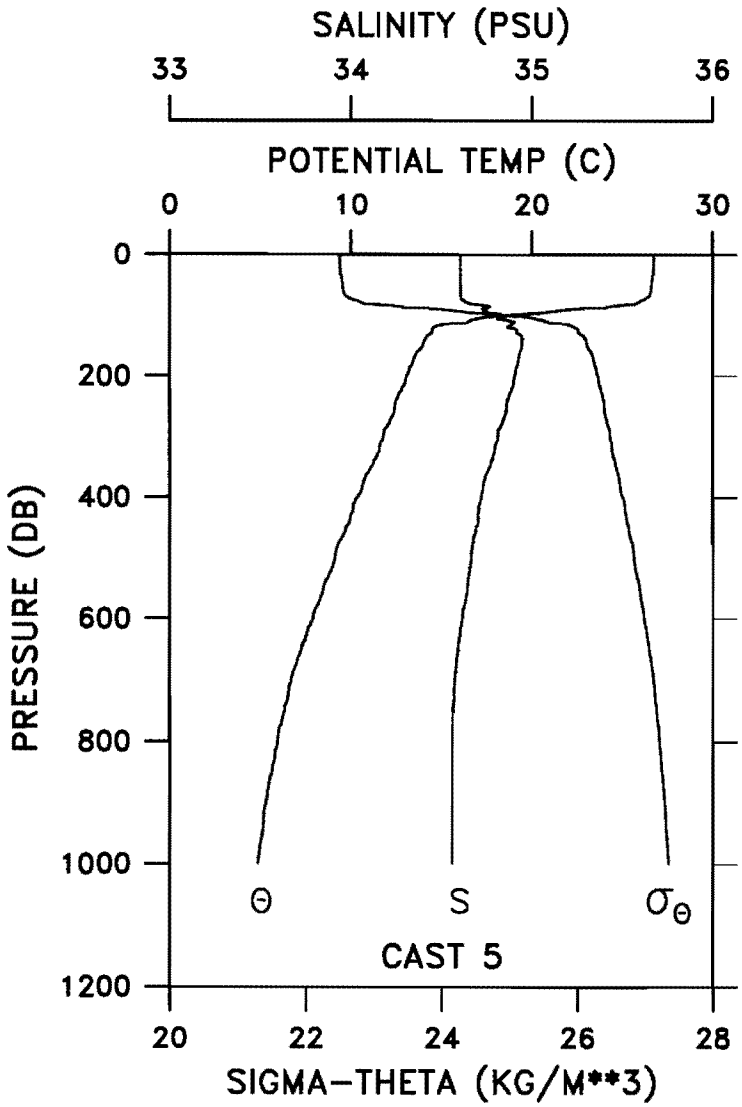
CAST EP4-94-MB -004 DATE 05 SEP 94 TIME 1134 GMT
LAT 05 04.6N LONG 125 01.0W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 159 T SPD 18 KT VISIBILITY 7
CLOUD 7 AMOUNT 7 DRY 25.5 WET 23.9 DEPTH 4415 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.753	34.599	22.496	0.000
10	26.731	34.599	22.503	0.053
20	26.727	34.599	22.504	0.107
30	26.717	34.599	22.508	0.160
40	26.701	34.598	22.512	0.214
50	26.637	34.599	22.533	0.267
60	26.637	34.598	22.532	0.320
70	26.132	34.616	22.705	0.373
80	25.188	34.665	23.033	0.423
90	22.791	34.740	23.798	0.467
100	18.660	34.848	24.992	0.503
110	17.202	34.854	25.355	0.531
120	15.208	34.884	25.837	0.556
130	14.445	34.898	26.014	0.577
140	14.169	34.945	26.110	0.596
150	13.959	34.940	26.150	0.616
160	13.799	34.940	26.183	0.634
170	13.536	34.929	26.229	0.653
180	13.445	34.924	26.244	0.671
190	13.385	34.921	26.255	0.689
200	13.264	34.915	26.274	0.707
250	12.680	34.880	26.365	0.795
300	11.968	34.827	26.461	0.879
350	11.314	34.782	26.549	0.959
400	10.615	34.730	26.635	1.036
450	9.792	34.699	26.752	1.108
500	9.337	34.674	26.808	1.176
550	8.773	34.651	26.881	1.241
600	8.046	34.624	26.972	1.302
650	7.560	34.603	27.027	1.360
700	6.929	34.582	27.100	1.416
750	6.452	34.569	27.154	1.468
800	6.128	34.562	27.191	1.518
900	5.466	34.559	27.271	1.613
1000	4.926	34.560	27.335	1.700
1000	4.926	34.560	27.335	1.700

CAST EP4-94-MB -005 DATE 06 SEP 94 TIME 0245 GMT

LAT 05 05.3N LONG 124 58.0W



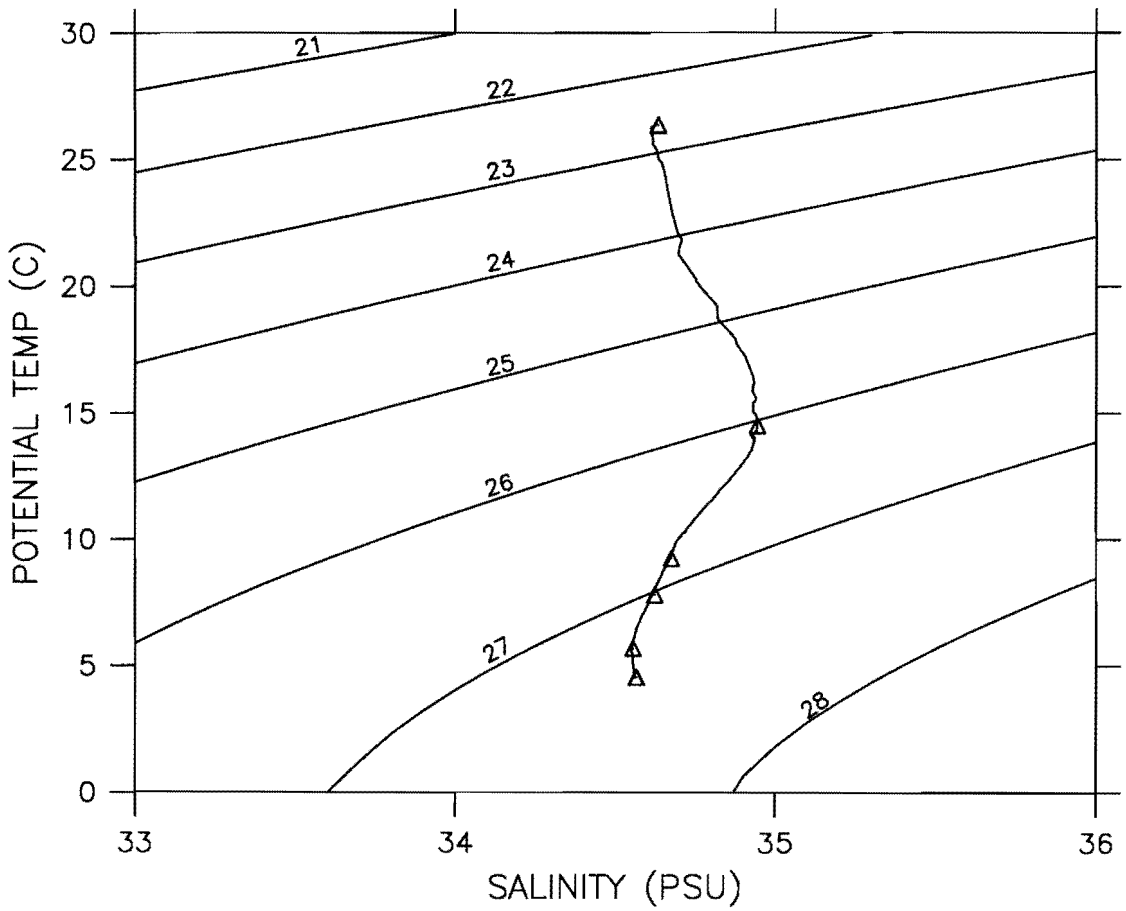


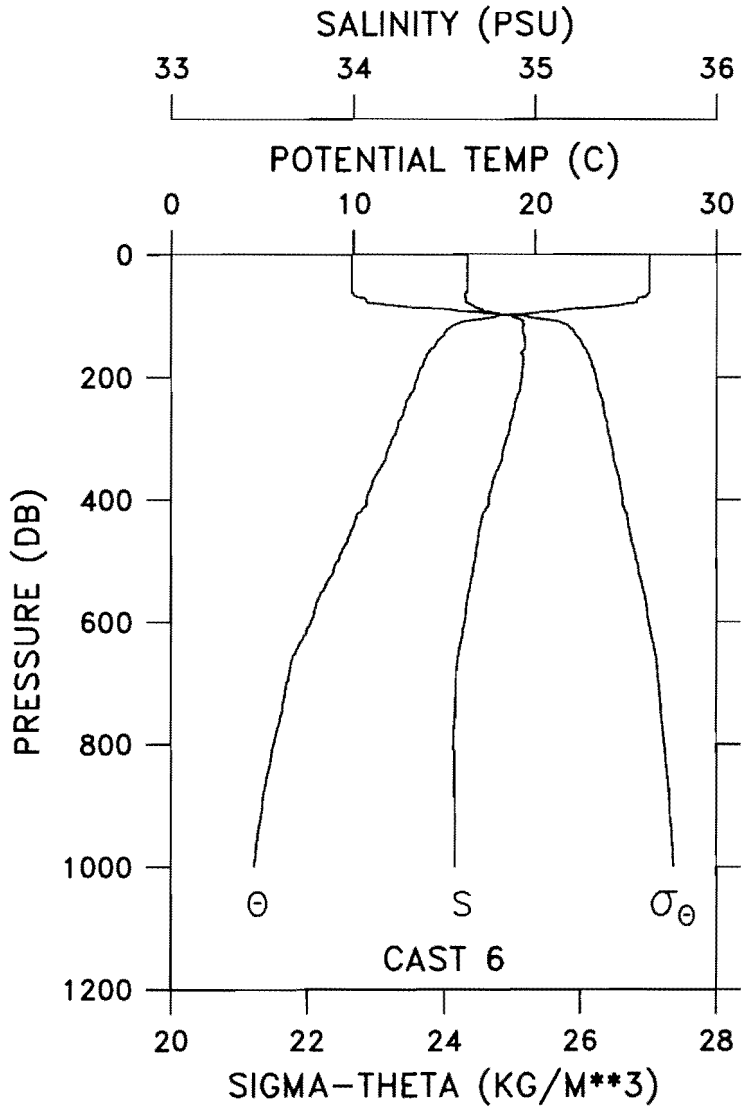
CAST EP4-94-MB -005 DATE 06 SEP 94 TIME 0245 GMT
LAT 05 05.3N LONG 124 58.0W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 165 T SPD 16 KT VISIBILITY 7
CLOUD 3 AMOUNT 2 DRY 25.9 WET 23.0 DEPTH 4386 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.753	34.605	22.501	0.000
10	26.753	34.605	22.501	0.053
20	26.736	34.605	22.506	0.107
30	26.730	34.605	22.508	0.160
40	26.662	34.605	22.529	0.213
50	26.630	34.606	22.541	0.267
60	26.590	34.607	22.554	0.320
70	26.420	34.607	22.608	0.373
80	25.821	34.646	22.824	0.424
90	22.385	34.729	23.905	0.471
100	18.725	34.852	24.979	0.506
110	16.584	34.885	25.525	0.533
120	14.586	34.868	25.961	0.556
130	14.418	34.923	26.039	0.576
140	14.081	34.946	26.129	0.595
150	13.972	34.943	26.149	0.614
160	13.662	34.934	26.207	0.633
170	13.481	34.926	26.238	0.652
180	13.394	34.921	26.252	0.670
190	13.212	34.911	26.282	0.688
200	13.060	34.904	26.307	0.705
250	12.416	34.859	26.400	0.792
300	11.784	34.811	26.484	0.874
350	11.095	34.767	26.577	0.953
400	10.356	34.723	26.675	1.028
450	9.718	34.692	26.760	1.099
500	9.106	34.663	26.838	1.166
550	8.486	34.643	26.920	1.230
600	7.908	34.617	26.987	1.290
650	7.272	34.592	27.060	1.346
700	6.687	34.575	27.127	1.400
750	6.312	34.564	27.168	1.451
800	5.932	34.559	27.213	1.500
900	5.297	34.559	27.291	1.592
1000	4.823	34.561	27.348	1.679
1012	4.761	34.562	27.355	1.689

CAST EP4-94-MB -006 DATE 06 SEP 94 TIME 0941 GMT

LAT 03 59.9N LONG 125 00.6W



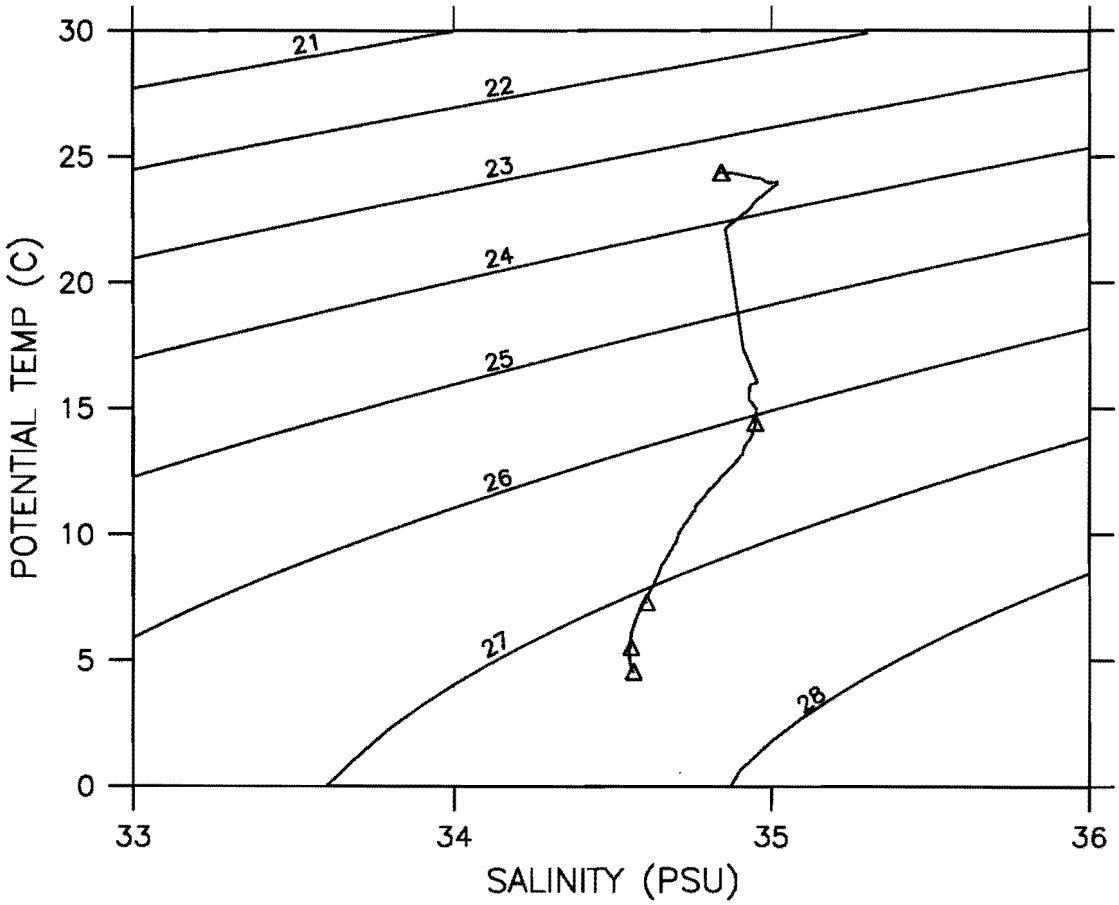


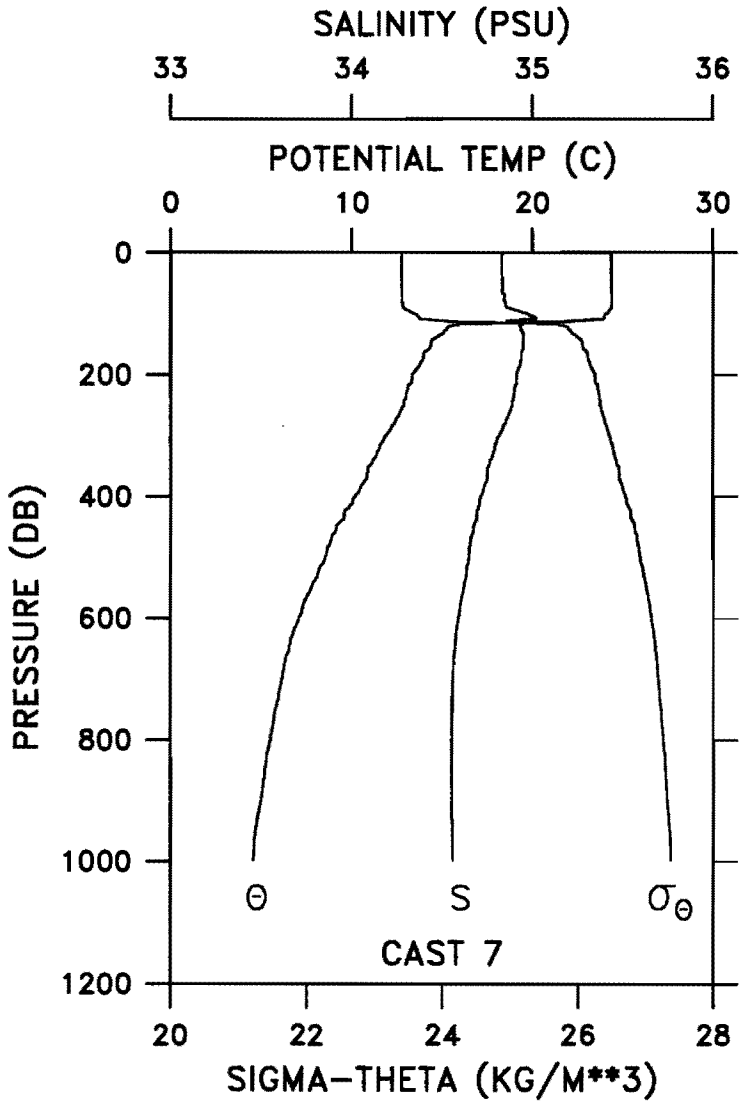
CAST EP4-94-MB -006 DATE 06 SEP 94 TIME 0941 GMT
LAT 03 59.9N LONG 125 00.6W WEATHER 1 SEA STATE 5
BAROMETER 02 WIND DIR 160 T SPD 26 KT VISIBILITY 7
CLOUD 3 AMOUNT 2 DRY 25.0 WET 22.8 DEPTH 4415 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.334	34.628	22.650	0.000
10	26.330	34.627	22.651	0.052
20	26.344	34.627	22.646	0.104
30	26.345	34.627	22.646	0.156
40	26.348	34.627	22.645	0.208
50	26.345	34.627	22.646	0.260
60	26.344	34.626	22.646	0.312
70	25.716	34.620	22.837	0.364
80	24.967	34.637	23.079	0.414
90	21.534	34.700	24.121	0.458
100	17.900	34.877	25.203	0.492
110	15.939	34.929	25.708	0.517
120	15.270	34.931	25.860	0.539
130	15.005	34.936	25.922	0.561
140	14.636	34.942	26.007	0.581
150	14.461	34.944	26.047	0.602
160	14.116	34.923	26.104	0.621
170	13.958	34.934	26.146	0.641
180	13.831	34.934	26.172	0.659
190	13.630	34.928	26.210	0.678
200	13.525	34.926	26.229	0.697
250	12.809	34.887	26.344	0.786
300	12.139	34.842	26.440	0.871
350	11.448	34.794	26.533	0.952
400	10.748	34.745	26.622	1.029
450	9.886	34.691	26.730	1.102
500	9.172	34.669	26.832	1.170
550	8.302	34.635	26.942	1.233
600	7.703	34.612	27.013	1.292
650	6.851	34.580	27.108	1.347
700	6.340	34.565	27.165	1.398
750	6.074	34.559	27.195	1.447
800	5.650	34.552	27.242	1.495
900	5.018	34.557	27.322	1.583
1000	4.558	34.562	27.378	1.666
1001	4.556	34.563	27.379	1.667

CAST EP4-94-MB -007 DATE 06 SEP 94 TIME 1542 GMT

LAT 03 00.2N LONG 125 02.3W



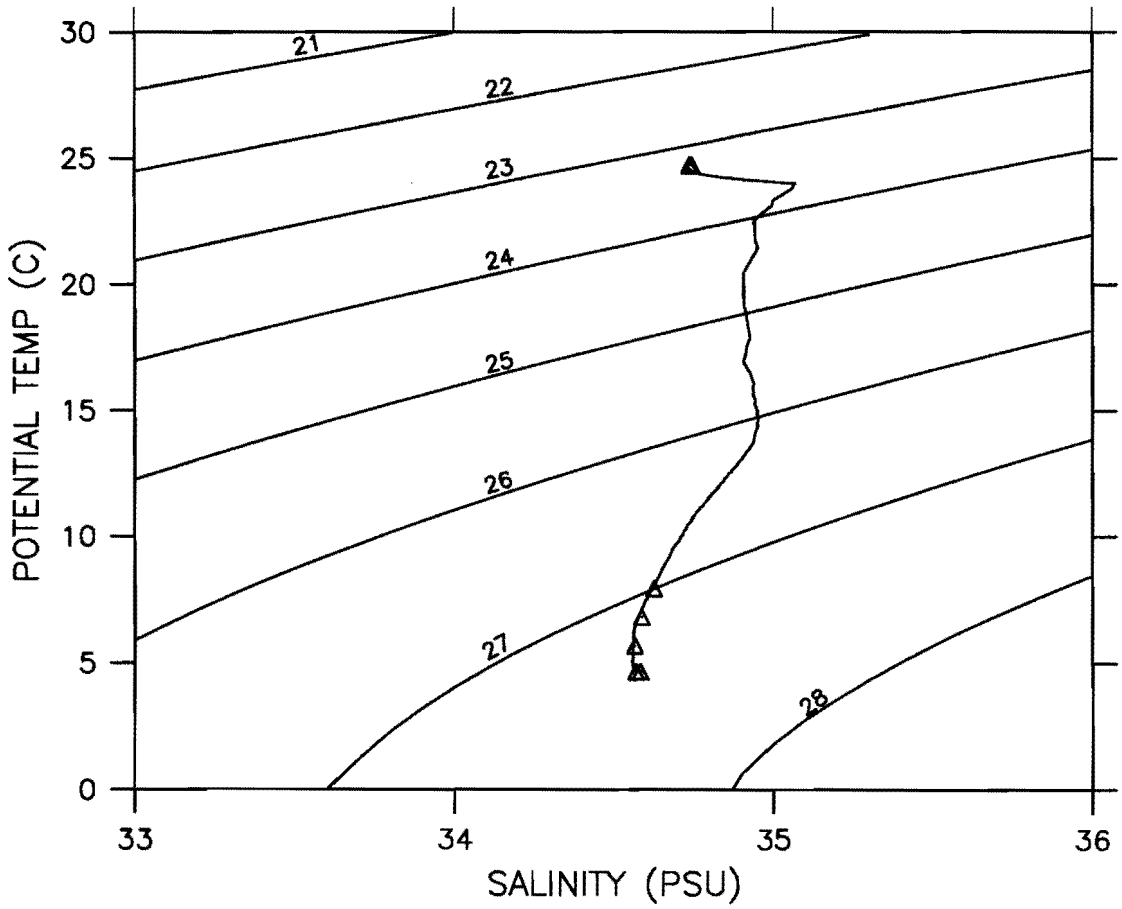


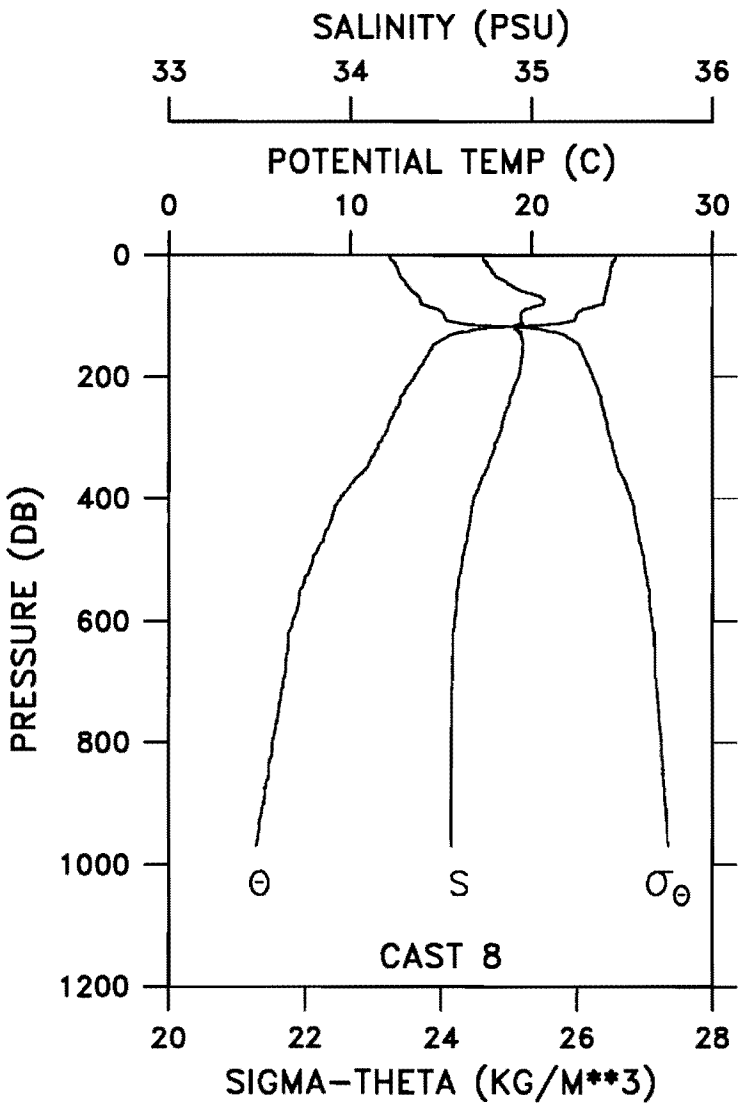
CAST EP4-94-MB -007 DATE 06 SEP 94 TIME 1542 GMT
LAT 03 00.2N LONG 125 02.3W WEATHER 2 SEA STATE 4
BAROMETER 12 WIND DIR 157 T SPD 24 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 24.2 WET 22.1 DEPTH 4455 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.352	34.832	23.412	0.000
10	24.359	34.832	23.409	0.045
20	24.357	34.832	23.410	0.089
30	24.356	34.831	23.410	0.134
40	24.355	34.832	23.410	0.179
50	24.358	34.832	23.410	0.224
60	24.359	34.832	23.409	0.269
70	24.363	34.844	23.417	0.314
80	24.364	34.846	23.418	0.358
90	24.361	34.856	23.427	0.403
100	24.135	34.967	23.578	0.447
110	23.224	34.948	23.831	0.490
120	15.478	34.929	25.812	0.521
130	15.098	34.942	25.907	0.543
140	14.635	34.949	26.013	0.564
150	14.371	34.948	26.069	0.583
160	14.144	34.944	26.114	0.603
170	13.974	34.939	26.146	0.622
180	13.811	34.933	26.175	0.641
190	13.614	34.921	26.207	0.660
200	13.363	34.912	26.252	0.678
250	12.886	34.886	26.328	0.768
300	11.883	34.814	26.467	0.853
350	10.931	34.759	26.601	0.932
400	10.178	34.713	26.698	1.006
450	9.152	34.672	26.837	1.074
500	8.515	34.645	26.917	1.137
550	7.749	34.617	27.010	1.196
600	7.056	34.587	27.086	1.251
650	6.523	34.569	27.144	1.303
700	6.121	34.558	27.188	1.352
750	5.770	34.554	27.230	1.400
800	5.505	34.551	27.260	1.446
900	4.987	34.553	27.322	1.534
998	4.563	34.558	27.375	1.614

CAST EP4-94-MB -008 DATE 06 SEP 94 TIME 2235 GMT

LAT 01 58.8N LONG 125 05.7W



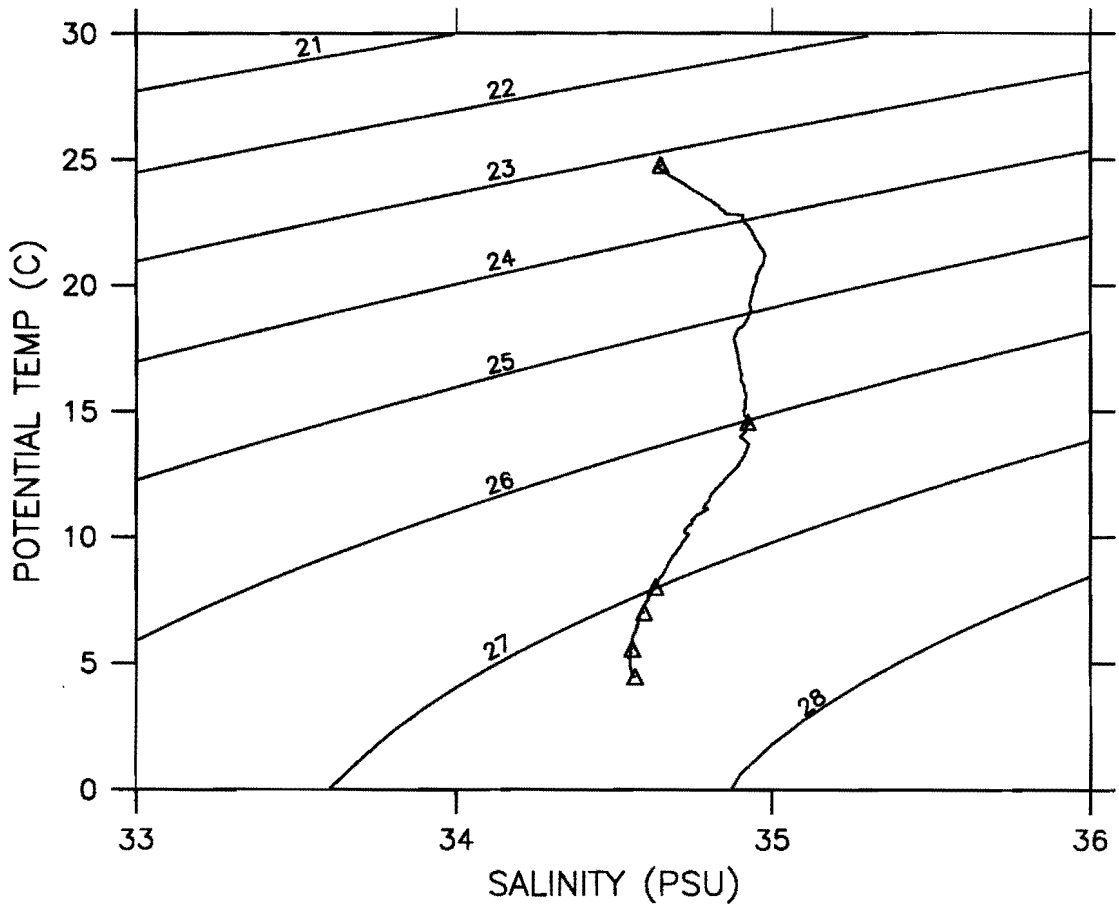


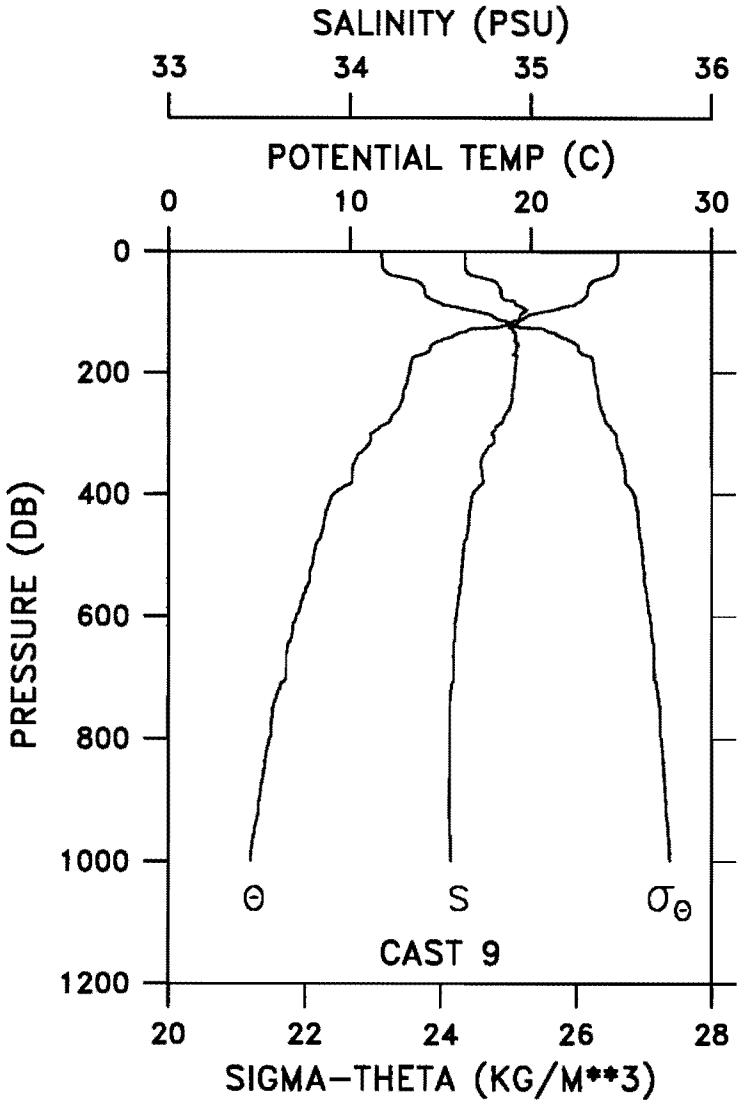
CAST EP4-94-MB -008 DATE 06 SEP 94 TIME 2235 GMT
LAT 01 58.8N LONG 125 05.7W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 145 T SPD 18 KT VISIBILITY 7
CLOUD 5 AMOUNT 5 DRY 26.2 WET 23.5 DEPTH 4699 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.631	34.731	23.251	0.000
10	24.491	34.744	23.304	0.046
20	24.381	34.767	23.353	0.092
30	24.335	34.786	23.382	0.137
40	24.257	34.832	23.439	0.182
50	24.178	34.886	23.504	0.226
60	24.100	34.952	23.577	0.269
70	24.009	35.056	23.682	0.312
80	23.971	35.064	23.700	0.355
90	22.773	34.960	23.970	0.396
100	22.446	34.938	24.047	0.435
110	21.989	34.940	24.177	0.473
120	17.557	34.915	25.316	0.507
130	15.622	34.935	25.784	0.531
140	14.982	34.949	25.937	0.553
150	14.520	34.949	26.038	0.574
160	14.340	34.949	26.076	0.593
170	14.146	34.942	26.112	0.613
180	13.929	34.939	26.156	0.632
190	13.761	34.936	26.188	0.651
200	13.557	34.927	26.223	0.670
250	12.560	34.867	26.378	0.758
300	11.748	34.811	26.490	0.841
350	10.904	34.754	26.602	0.919
400	9.455	34.679	26.793	0.990
450	8.739	34.651	26.887	1.054
500	7.931	34.617	26.984	1.114
550	7.209	34.587	27.065	1.170
600	6.815	34.574	27.109	1.224
650	6.544	34.566	27.139	1.275
700	6.282	34.560	27.169	1.325
750	6.018	34.559	27.202	1.374
800	5.685	34.557	27.242	1.422
900	5.222	34.557	27.298	1.512
969	4.809	34.557	27.346	1.571

CAST EP4-94-MB -009 DATE 07 SEP 94 TIME 0530 GMT

LAT 01 00.1N LONG 124 44.2W



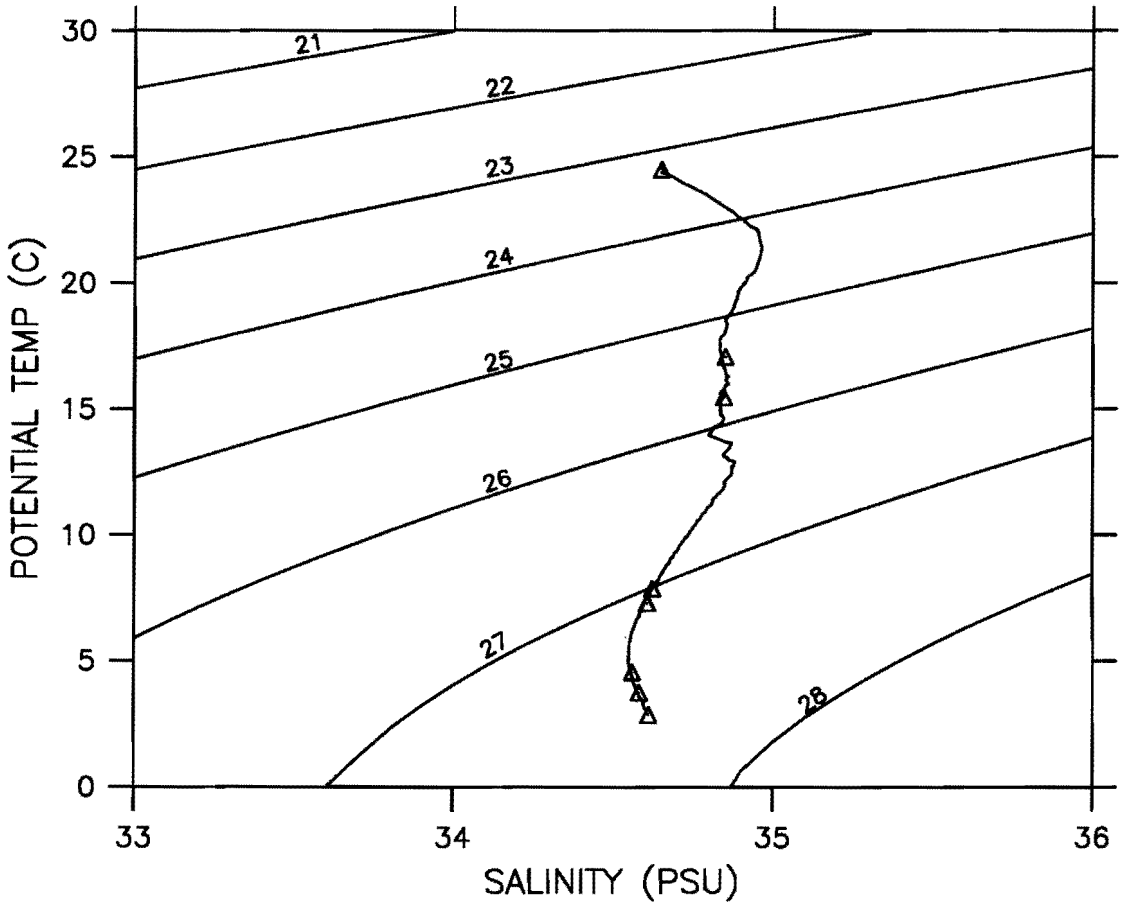


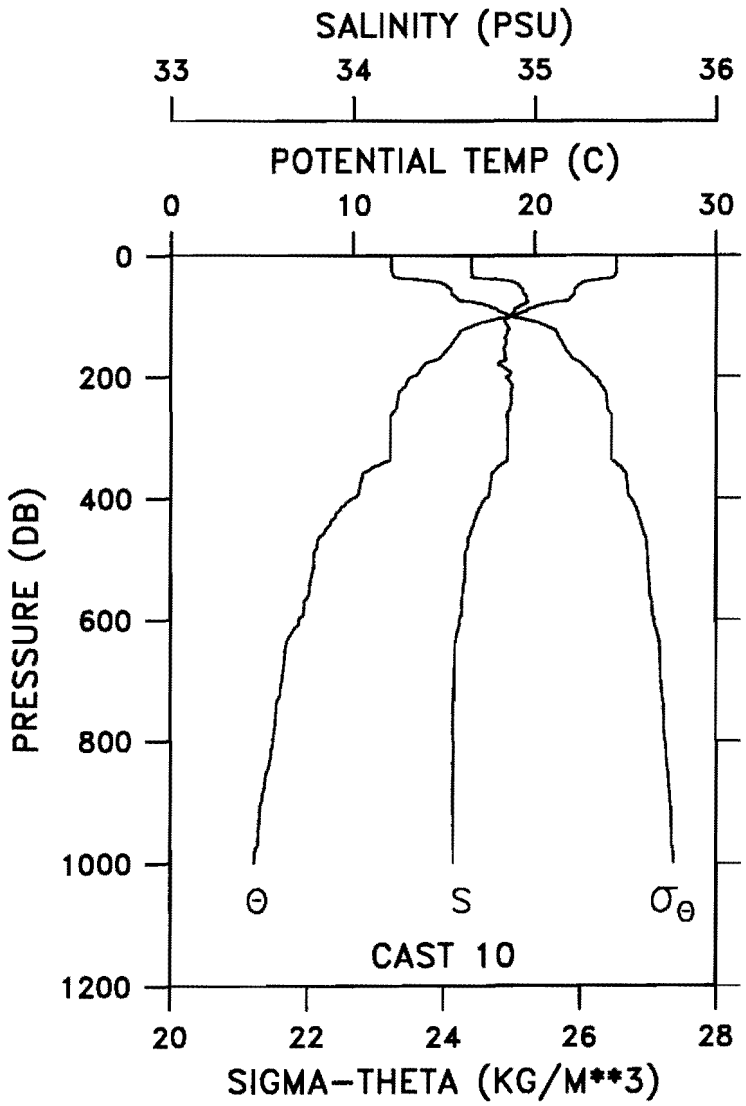
CAST EP4-94-MB -009 DATE 07 SEP 94 TIME 0530 GMT
LAT 01 00.1N LONG 124 44.2W WEATHER 1 SEA STATE 4
BAROMETER 13 WIND DIR 120 T SPD 20 KT VISIBILITY 7
CLOUD 8 AMOUNT 1 DRY 24.1 WET 22.0 DEPTH 4588 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.799	34.636	23.129	0.000
10	24.795	34.636	23.130	0.047
20	24.780	34.636	23.135	0.095
30	24.698	34.639	23.161	0.142
40	24.263	34.689	23.330	0.189
50	23.375	34.803	23.677	0.232
60	23.160	34.828	23.759	0.274
70	23.106	34.833	23.778	0.316
80	22.816	34.875	23.893	0.357
90	22.091	34.937	24.146	0.396
100	20.455	34.953	24.607	0.432
110	19.576	34.935	24.824	0.464
120	18.710	34.923	25.037	0.494
130	16.492	34.901	25.559	0.522
140	15.685	34.916	25.755	0.545
150	14.774	34.918	25.959	0.567
160	14.430	34.919	26.034	0.587
170	13.988	34.899	26.112	0.607
180	13.417	34.917	26.245	0.625
190	13.328	34.914	26.260	0.644
200	13.278	34.912	26.269	0.662
250	12.830	34.891	26.343	0.750
300	11.272	34.788	26.561	0.833
350	10.223	34.723	26.698	0.907
400	9.120	34.679	26.848	0.976
450	8.562	34.655	26.918	1.037
500	8.007	34.625	26.979	1.097
550	7.674	34.611	27.017	1.154
600	7.021	34.587	27.090	1.209
650	6.547	34.574	27.145	1.261
700	6.456	34.573	27.156	1.311
750	5.727	34.553	27.234	1.360
800	5.550	34.552	27.255	1.406
900	4.998	34.549	27.318	1.494
1000	4.504	34.557	27.380	1.576
1008	4.463	34.560	27.387	1.583

CAST EP4-94-MB -010 DATE 07 SEP 94 TIME 1215 GMT

LAT 00 00.2N LONG 124 28.1W



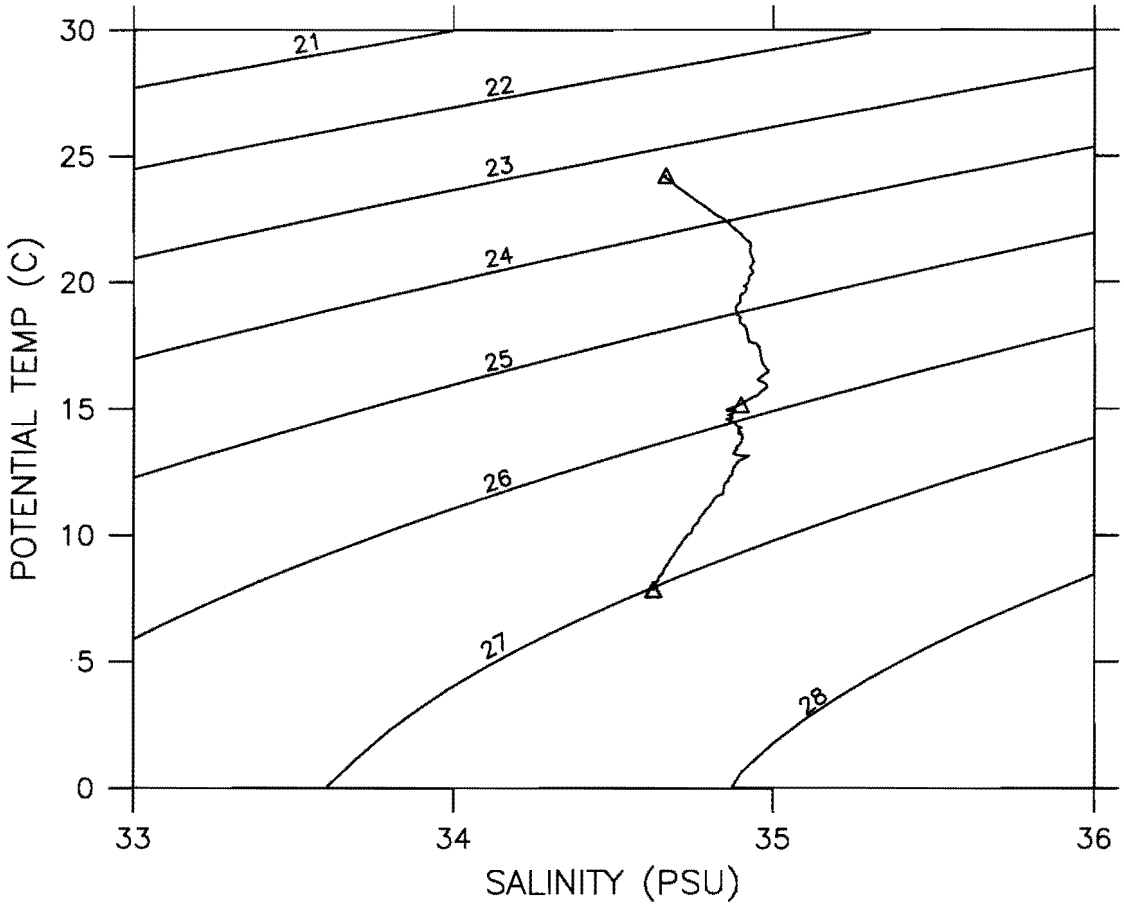


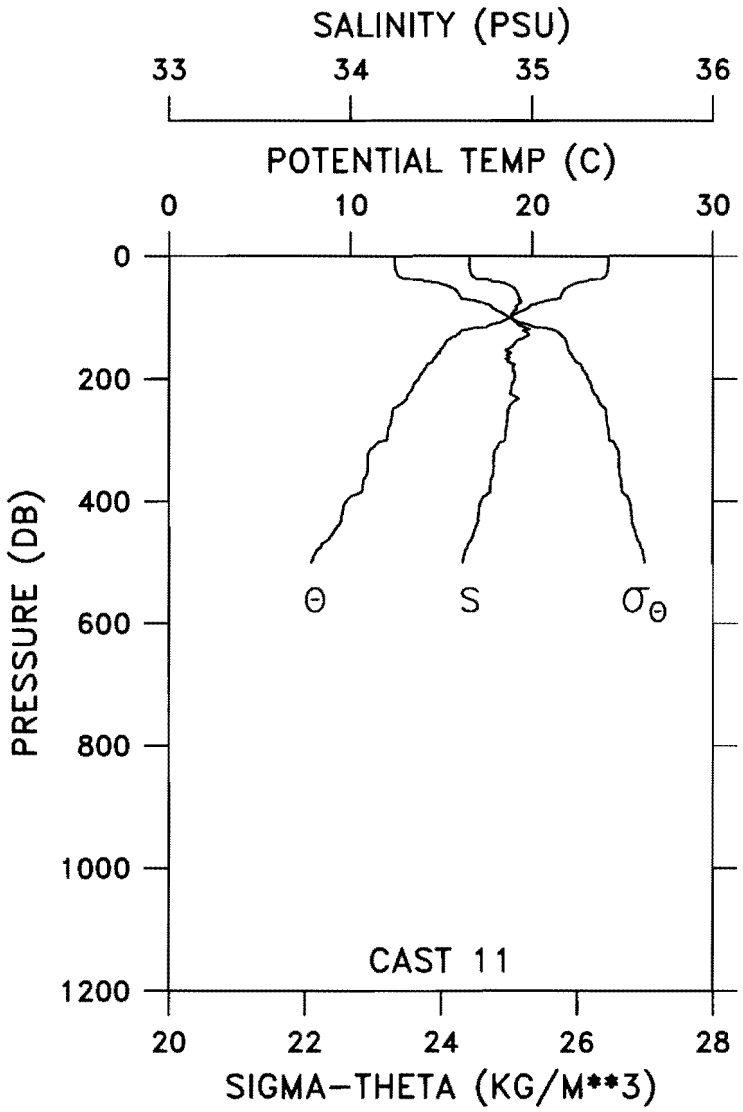
CAST EP4-94-MB -010 DATE 07 SEP 94 TIME 1215 GMT
LAT 00 00.2N LONG 124 28.1W WEATHER 1 SEA STATE 4
BAROMETER 10 WIND DIR 130 T SPD 20 KT VISIBILITY 8
CLOUD 8 AMOUNT 3 DRY 23.8 WET 22.1 DEPTH 4468 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.519	34.651	23.224	0.000
10	24.516	34.651	23.225	0.046
20	24.519	34.651	23.224	0.093
30	24.463	34.654	23.243	0.139
40	23.532	34.786	23.618	0.185
50	22.397	34.916	24.044	0.225
60	22.212	34.935	24.110	0.263
70	21.959	34.953	24.195	0.301
80	20.421	34.940	24.605	0.337
90	19.583	34.891	24.789	0.369
100	18.822	34.867	24.966	0.401
110	17.113	34.838	25.364	0.429
120	16.279	34.861	25.577	0.454
130	15.803	34.848	25.676	0.478
140	15.557	34.842	25.727	0.501
150	15.352	34.836	25.769	0.524
160	15.038	34.836	25.838	0.546
170	14.774	34.836	25.896	0.568
180	13.970	34.799	26.039	0.589
190	13.683	34.852	26.140	0.608
200	13.269	34.850	26.223	0.627
250	12.415	34.870	26.409	0.713
300	12.051	34.850	26.464	0.796
350	11.073	34.796	26.604	0.877
400	9.961	34.733	26.750	0.948
450	8.561	34.657	26.919	1.013
500	7.857	34.618	26.996	1.071
550	7.608	34.607	27.023	1.128
600	7.041	34.587	27.088	1.183
650	6.278	34.564	27.173	1.234
700	6.127	34.560	27.189	1.282
750	5.787	34.555	27.228	1.330
800	5.606	34.552	27.248	1.377
900	4.968	34.549	27.322	1.465
1000	4.543	34.556	27.375	1.548
1500	2.895	34.608	27.581	1.892
1500	2.895	34.608	27.581	1.892

CAST EP4-94-MB -011 DATE 08 SEP 94 TIME 0800 GMT

LAT 00 14.8S LONG 124 28.2W



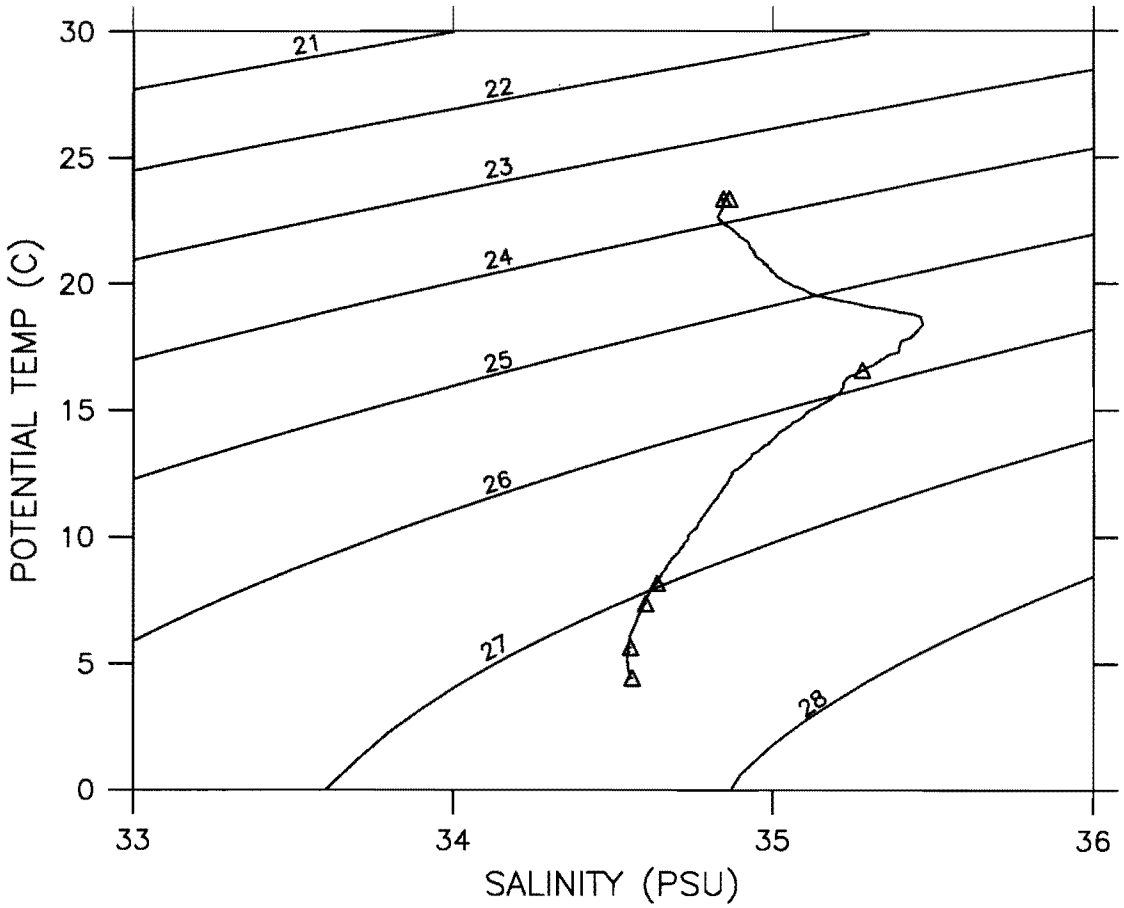


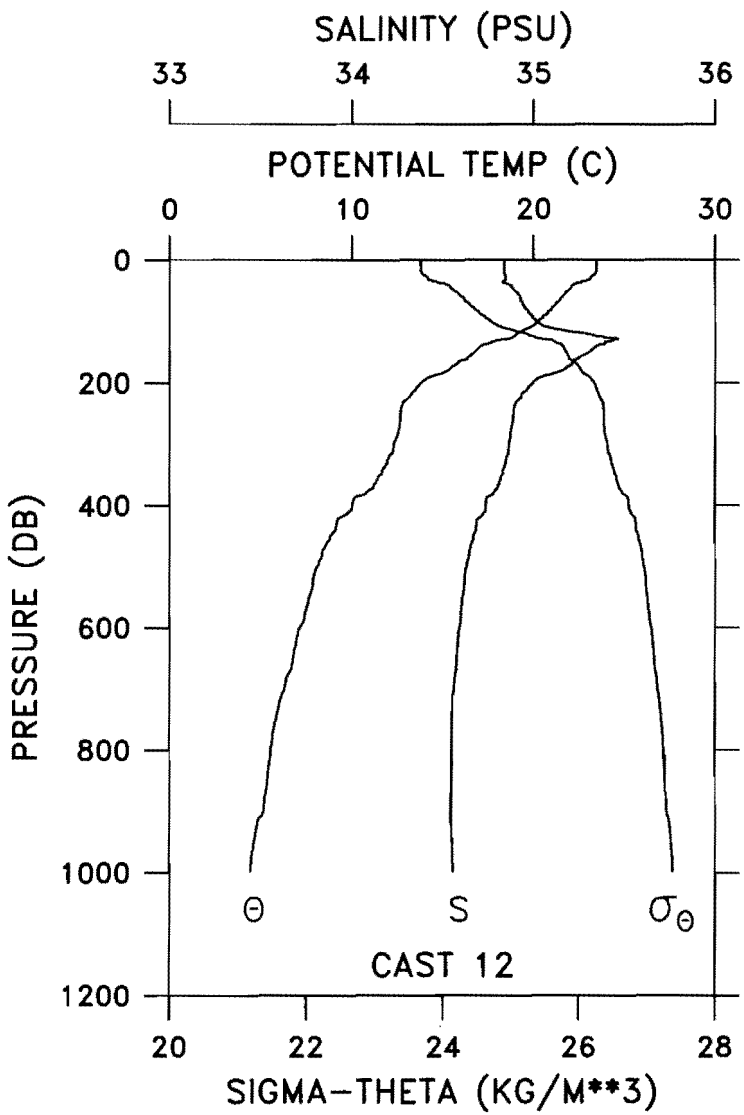
CAST EP4-94-MB -011 DATE 08 SEP 94 TIME 0800 GMT
LAT 00 14.8S LONG 124 28.2W WEATHER 2 SEA STATE 4
BAROMETER 12 WIND DIR 120 T SPD 22 KT VISIBILITY 7
CLOUD 2 AMOUNT 2 DRY 24.0 WET 23.2 DEPTH 2421 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.231	34.656	23.314	0.000
10	24.218	34.654	23.317	0.046
20	24.181	34.658	23.330	0.091
30	24.118	34.665	23.355	0.137
40	23.077	34.776	23.743	0.181
50	22.027	34.887	24.126	0.220
60	21.667	34.917	24.249	0.257
70	21.201	34.925	24.384	0.294
80	19.922	34.916	24.720	0.328
90	19.374	34.897	24.847	0.360
100	18.792	34.885	24.987	0.390
110	17.926	34.919	25.230	0.419
120	16.323	34.968	25.650	0.445
130	15.787	34.973	25.776	0.468
140	15.247	34.908	25.847	0.490
150	15.061	34.875	25.863	0.512
160	14.777	34.866	25.918	0.534
170	14.540	34.866	25.969	0.555
180	14.184	34.892	26.065	0.575
190	13.955	34.903	26.123	0.595
200	13.774	34.901	26.158	0.614
250	12.329	34.865	26.421	0.704
300	11.999	34.848	26.472	0.786
350	10.942	34.787	26.621	0.862
400	9.788	34.718	26.768	0.935
450	9.099	34.682	26.853	1.001
500	7.865	34.619	26.995	1.061
500	7.865	34.619	26.995	1.061

CAST EP4-94-MB -012 DATE 08 SEP 94 TIME 1310 GMT

LAT 01 00.1S LONG 124 37.9W



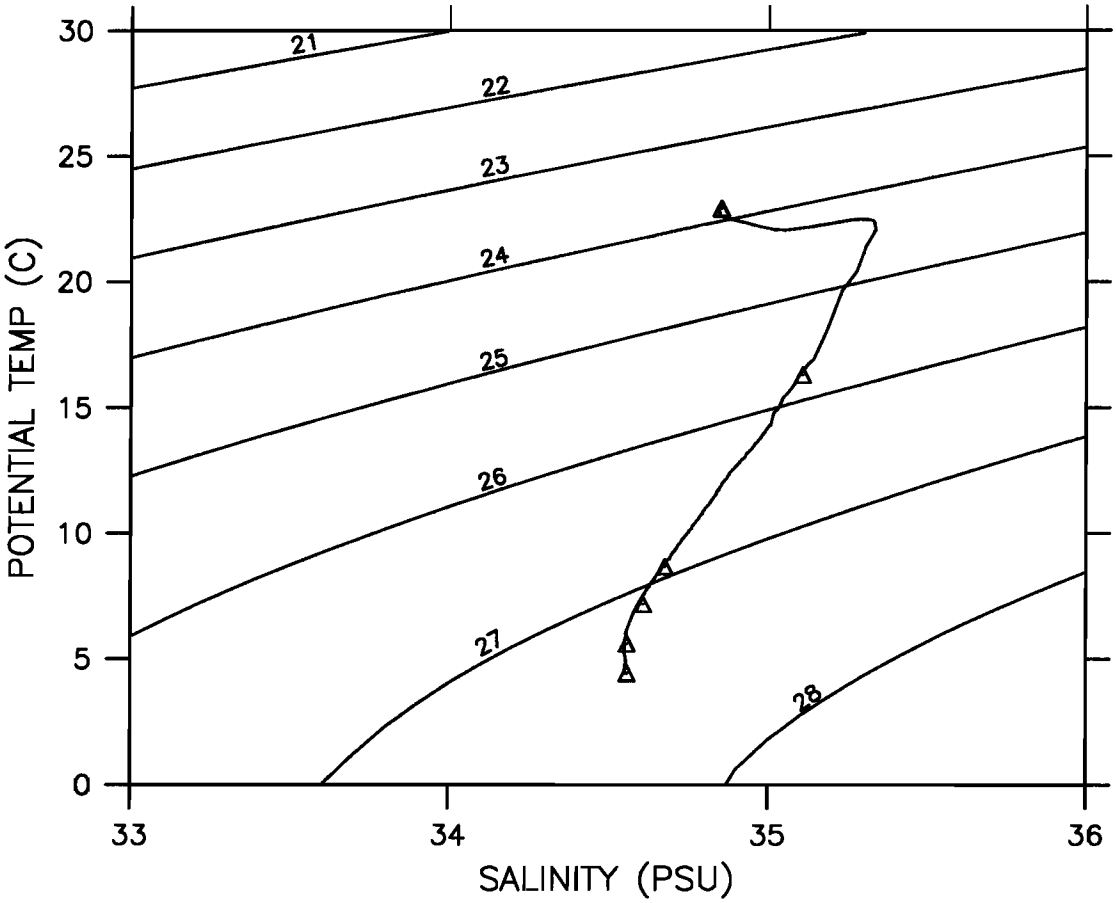


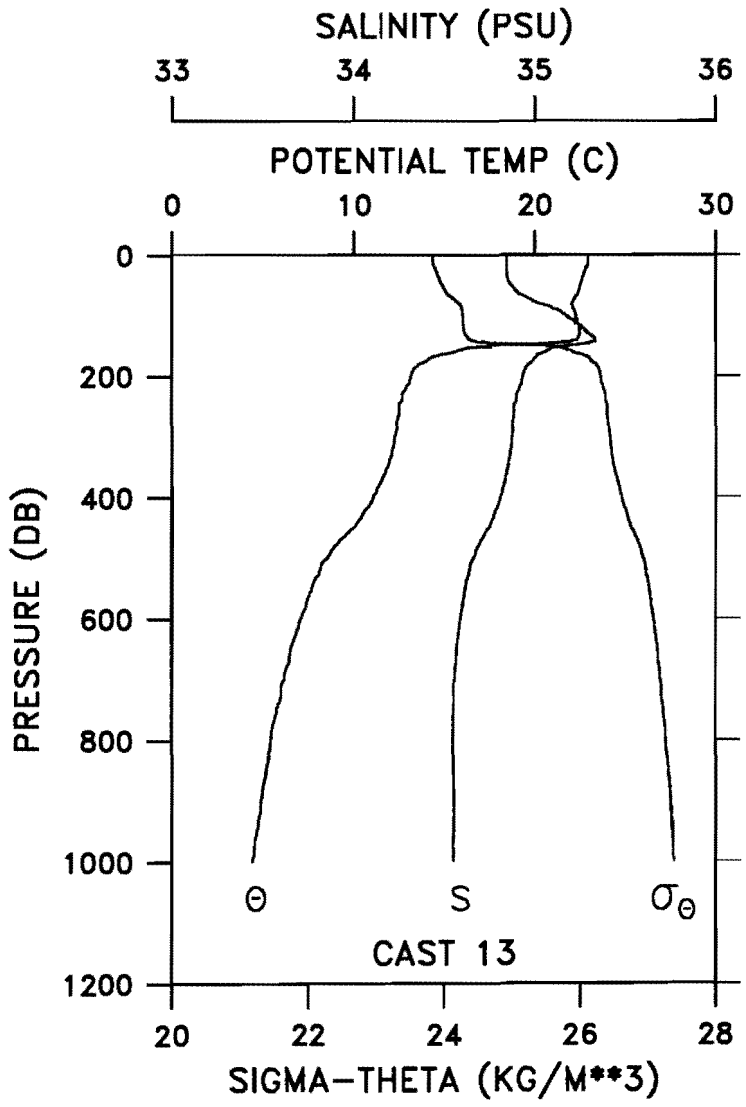
CAST EP4-94-MB -012 DATE 08 SEP 94 TIME 1310 GMT
LAT 01 00.1S LONG 124 37.9W WEATHER 1 SEA STATE 3
BAROMETER 11 WIND DIR 155 T SPD 13 KT VISIBILITY 7
CLOUD 8 AMOUNT 3 DRY 22.8 WET 22.0 DEPTH 4651 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.483	34.836	23.671	0.000
10	23.481	34.836	23.672	0.042
20	23.461	34.837	23.678	0.084
30	23.138	34.845	23.778	0.126
40	22.230	34.865	24.052	0.166
50	21.887	34.894	24.170	0.204
60	21.548	34.926	24.289	0.241
70	21.252	34.939	24.380	0.277
80	20.978	34.958	24.470	0.313
90	20.603	34.990	24.595	0.347
100	20.229	35.020	24.717	0.380
110	19.809	35.088	24.880	0.412
120	19.088	35.297	25.227	0.442
130	17.995	35.441	25.612	0.468
140	17.062	35.349	25.768	0.491
150	16.740	35.309	25.814	0.514
160	16.350	35.244	25.856	0.536
170	15.719	35.210	25.974	0.557
180	15.282	35.160	26.033	0.578
190	14.299	35.044	26.158	0.597
200	13.803	34.997	26.227	0.616
250	12.666	34.892	26.376	0.704
300	12.306	34.865	26.426	0.789
350	11.538	34.828	26.543	0.871
400	10.033	34.736	26.740	0.945
450	8.822	34.667	26.886	1.010
500	8.103	34.631	26.969	1.071
550	7.654	34.609	27.018	1.128
600	7.155	34.592	27.076	1.184
650	6.789	34.577	27.115	1.237
700	6.299	34.560	27.167	1.288
750	5.854	34.551	27.217	1.336
800	5.547	34.547	27.251	1.383
900	5.163	34.546	27.296	1.473
998	4.449	34.555	27.385	1.553

CAST EP4-94-MB -013 DATE 09 SEP 94 TIME 0741 GMT

LAT 02 05.3S LONG 124 54.0W



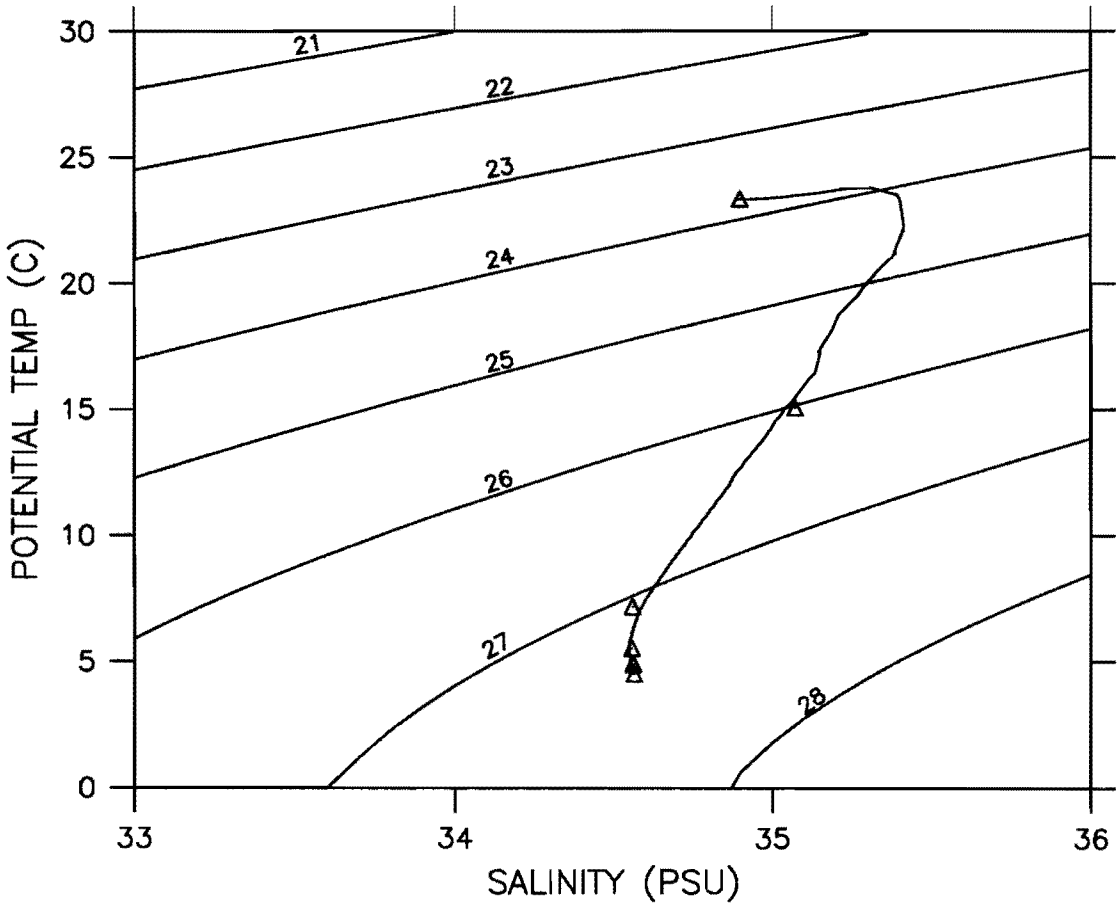


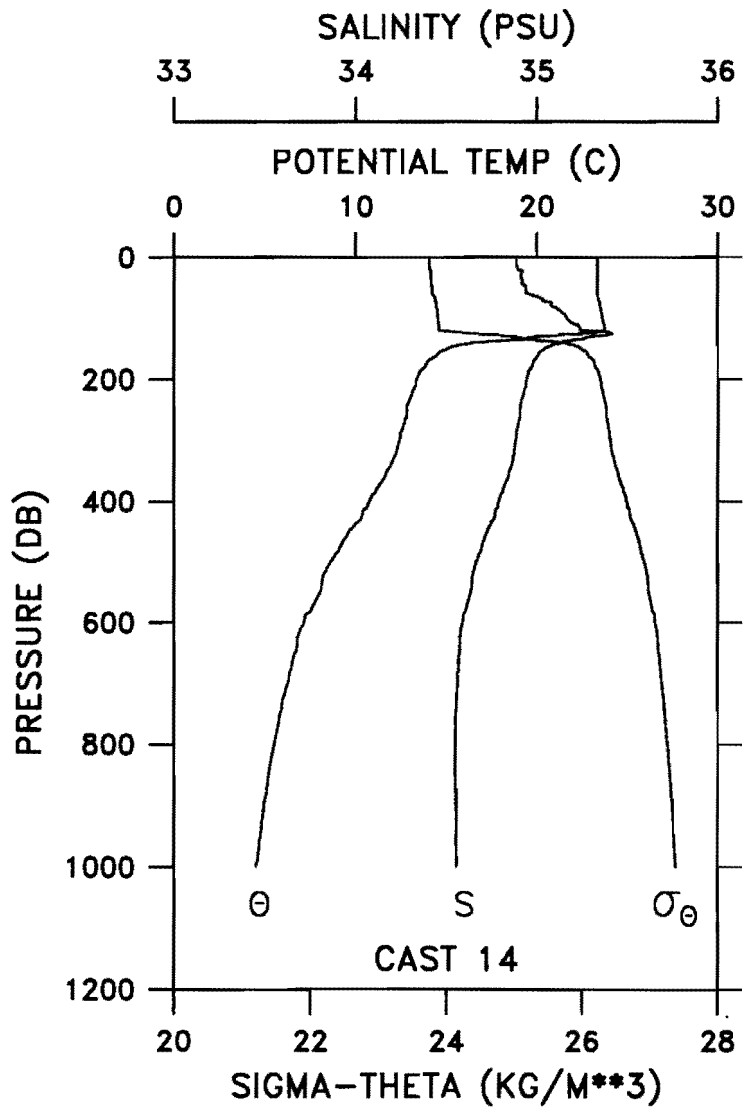
CAST EP4-94-MB -013 DATE 09 SEP 94 TIME 0741 GMT
LAT 02 05.3S LONG 124 54.0W WEATHER 0 SEA STATE 4
BAROMETER 12 WIND DIR 125 T SPD 12 KT VISIBILITY 7
CLOUD 0 AMOUNT 0 DRY 22.8 WET 22.0 DEPTH 4778 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.940	34.844	23.834	0.000
10	22.940	34.844	23.834	0.041
20	22.885	34.846	23.852	0.081
30	22.728	34.847	23.897	0.121
40	22.618	34.851	23.932	0.161
50	22.520	34.869	23.973	0.201
60	22.430	34.898	24.021	0.240
70	22.240	34.958	24.120	0.279
80	22.078	35.023	24.215	0.317
90	22.171	35.124	24.266	0.354
100	22.269	35.172	24.275	0.391
110	22.373	35.221	24.282	0.427
120	22.468	35.265	24.289	0.464
130	22.478	35.302	24.314	0.501
140	22.303	35.332	24.386	0.537
150	17.520	35.164	25.516	0.569
160	15.501	35.054	25.903	0.592
170	14.221	34.999	26.141	0.612
180	13.620	34.965	26.240	0.631
190	13.323	34.945	26.286	0.649
200	13.182	34.934	26.306	0.666
250	12.521	34.888	26.402	0.753
300	12.261	34.874	26.442	0.836
350	11.881	34.852	26.497	0.919
400	11.080	34.809	26.613	0.997
450	10.021	34.747	26.752	1.069
500	8.537	34.664	26.928	1.134
550	7.697	34.616	27.018	1.192
600	7.093	34.589	27.083	1.247
650	6.525	34.569	27.144	1.299
700	6.166	34.559	27.183	1.349
750	5.763	34.552	27.229	1.397
800	5.451	34.550	27.265	1.443
900	4.883	34.554	27.335	1.530
1000	4.422	34.551	27.384	1.612
1000	4.422	34.551	27.384	1.612

CAST EP4-94-MB -014 DATE 09 SEP 94 TIME 1336 GMT

LAT 03 00.0S LONG 124 52.6W



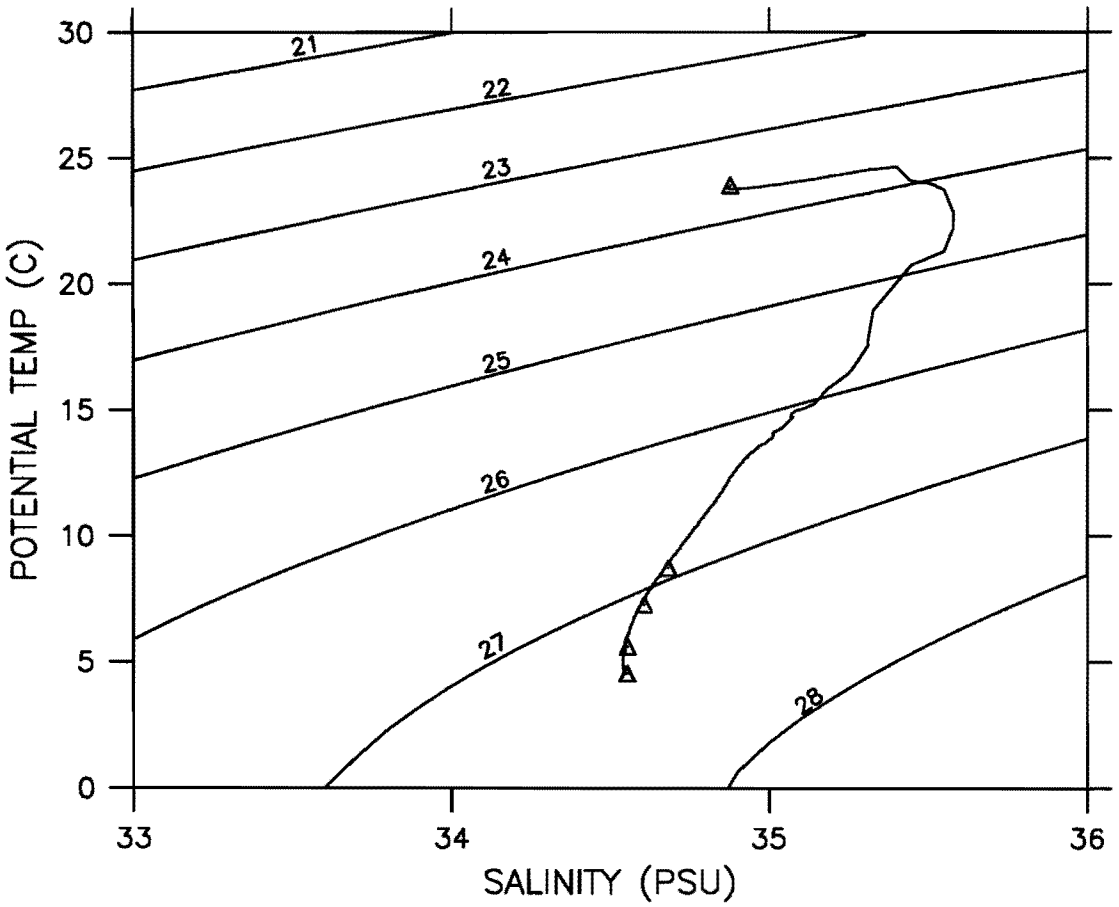


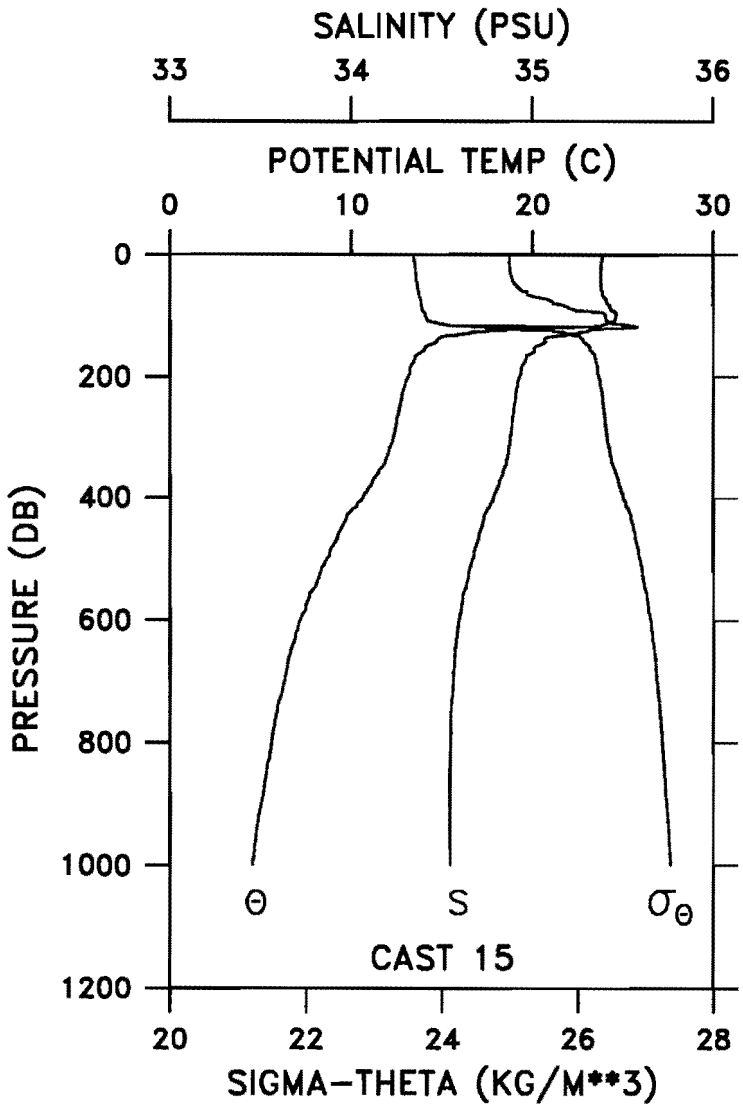
CAST EP4-94-MB -014 DATE 09 SEP 94 TIME 1336 GMT
LAT 03 00.0S LONG 124 52.6W WEATHER 1 SEA STATE 3
BAROMETER 10 WIND DIR 088 T SPD 20 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 23.1 WET 22.1 DEPTH 4639 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.347	34.887	23.749	0.000
10	23.345	34.886	23.749	0.041
20	23.341	34.895	23.757	0.083
30	23.340	34.912	23.770	0.124
40	23.339	34.921	23.777	0.165
50	23.341	34.938	23.790	0.207
60	23.351	34.952	23.797	0.248
70	23.419	35.033	23.838	0.289
80	23.497	35.084	23.855	0.330
90	23.574	35.135	23.871	0.370
100	23.631	35.166	23.878	0.411
110	23.712	35.212	23.888	0.452
120	23.766	35.242	23.895	0.492
130	19.878	35.290	25.016	0.528
140	16.443	35.134	25.750	0.555
150	15.100	35.043	25.984	0.577
160	14.501	35.007	26.087	0.597
170	13.983	34.981	26.177	0.616
180	13.811	34.971	26.205	0.635
190	13.523	34.952	26.250	0.653
200	13.379	34.944	26.273	0.671
250	12.821	34.909	26.358	0.759
300	12.404	34.882	26.420	0.844
350	11.725	34.849	26.525	0.927
400	10.747	34.790	26.658	1.003
450	9.626	34.725	26.801	1.074
500	8.612	34.665	26.917	1.138
550	8.051	34.634	26.979	1.198
600	7.164	34.591	27.074	1.254
650	6.676	34.575	27.128	1.306
700	6.259	34.562	27.173	1.357
750	5.833	34.552	27.220	1.405
800	5.510	34.551	27.259	1.451
900	4.957	34.554	27.327	1.539
1000	4.508	34.557	27.379	1.621
1000	4.508	34.557	27.379	1.621

CAST EP4-94-MB -015 DATE 09 SEP 94 TIME 1929 GMT

LAT 04 00.0S LONG 124 52.9W



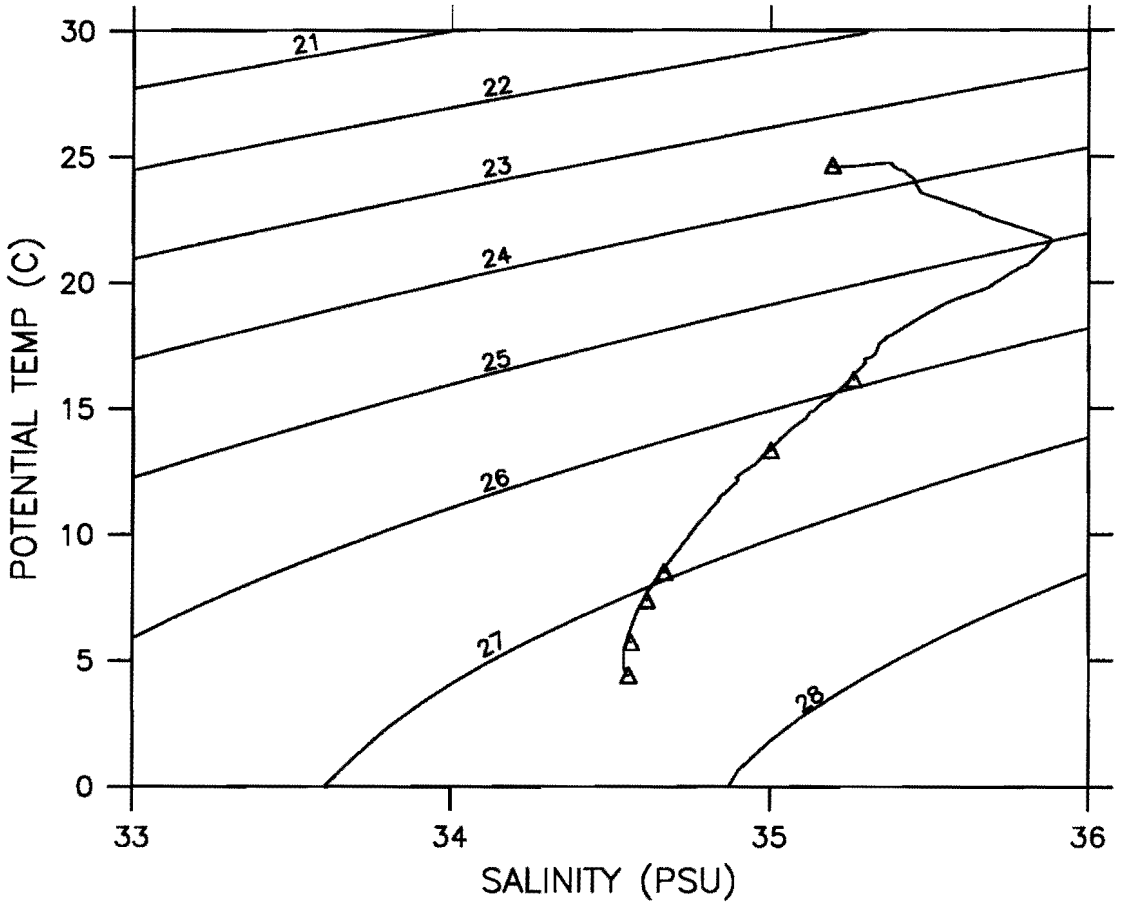


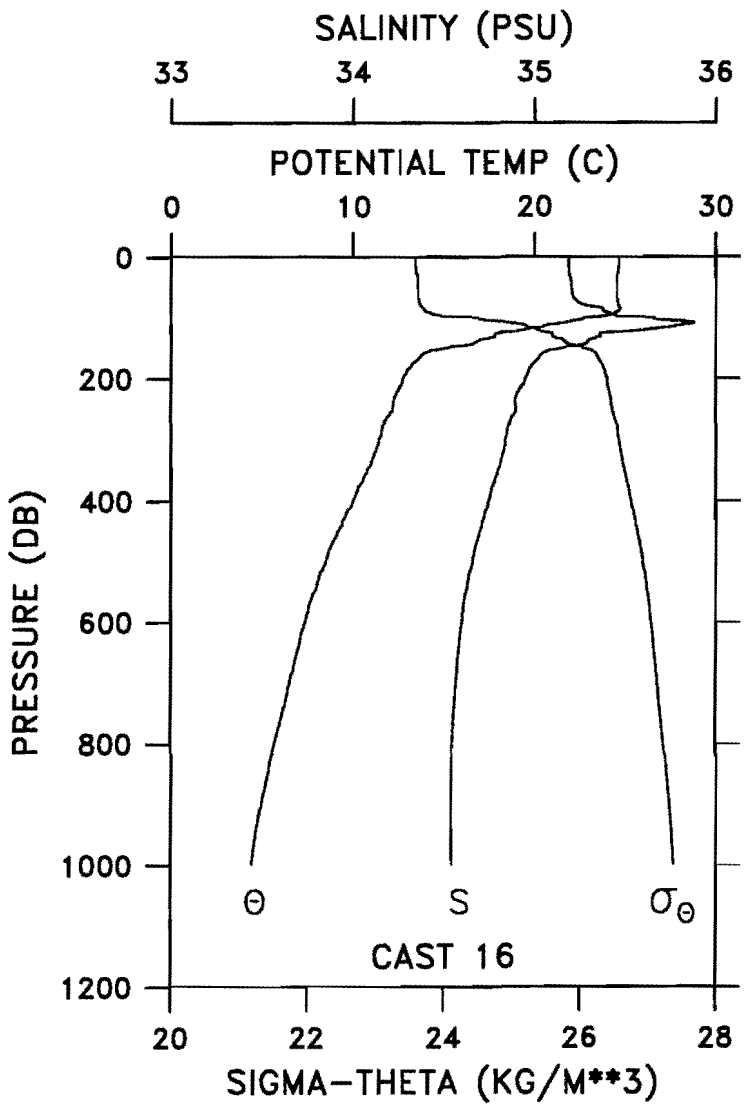
CAST EP4-94-MB -015 DATE 09 SEP 94 TIME 1929 GMT
LAT 04 00.0S LONG 124 52.9W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 115 T SPD 20 KT VISIBILITY 7
CLOUD 5 AMOUNT 4 DRY 25.0 WET 22.0 DEPTH 4556 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.867	34.872	23.586	0.000
10	23.860	34.872	23.588	0.043
20	23.800	34.873	23.606	0.086
30	23.790	34.878	23.613	0.129
40	23.789	34.887	23.620	0.172
50	23.800	34.908	23.633	0.214
60	23.844	34.947	23.649	0.257
70	23.978	35.037	23.678	0.300
80	24.128	35.116	23.693	0.342
90	24.346	35.223	23.709	0.384
100	24.629	35.404	23.761	0.426
110	24.397	35.420	23.843	0.468
120	21.303	35.551	24.832	0.506
130	16.108	35.211	25.886	0.531
140	14.746	35.067	26.080	0.551
150	14.172	35.021	26.168	0.571
160	13.841	35.004	26.224	0.589
170	13.503	34.964	26.263	0.607
180	13.328	34.946	26.285	0.625
190	13.223	34.937	26.300	0.643
200	13.119	34.929	26.314	0.661
250	12.669	34.898	26.380	0.747
300	12.310	34.877	26.435	0.831
350	11.669	34.846	26.533	0.913
400	10.632	34.785	26.674	0.988
450	9.446	34.716	26.824	1.057
500	8.653	34.669	26.914	1.121
550	7.889	34.628	26.998	1.180
600	7.179	34.595	27.075	1.236
650	6.645	34.573	27.131	1.288
700	6.295	34.564	27.170	1.339
750	5.875	34.549	27.213	1.387
800	5.588	34.548	27.247	1.434
900	5.017	34.543	27.311	1.524
1000	4.526	34.547	27.370	1.607
1001	4.519	34.547	27.371	1.608

CAST EP4-94-MB -016 DATE 10 SEP 94 TIME 0202 GMT

LAT 04 58.8S LONG 124 54.6W



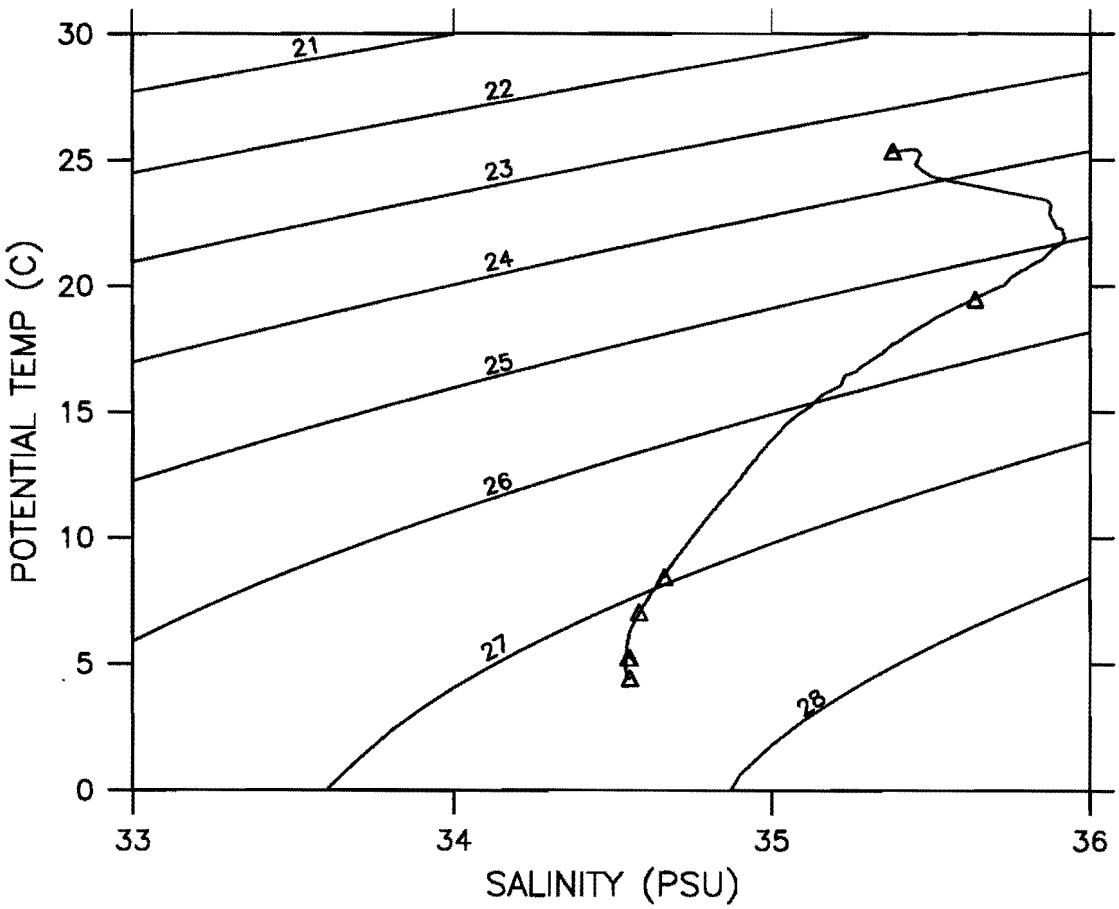


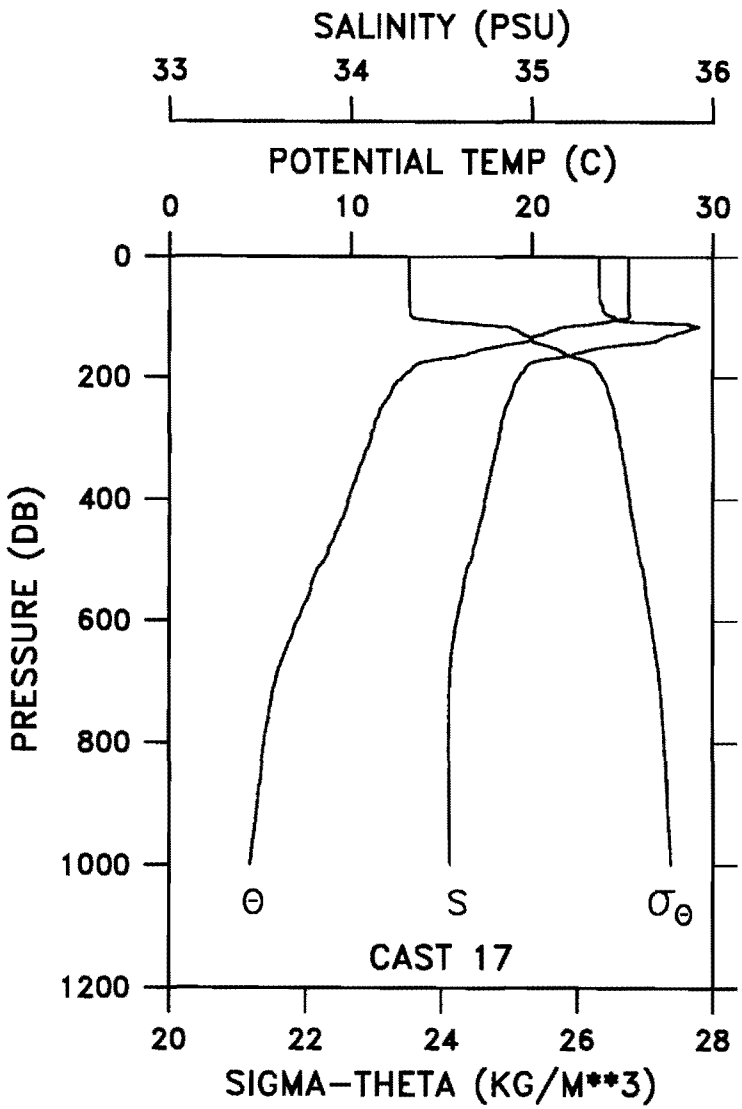
CAST EP4-94-MB -016 DATE 10 SEP 94 TIME 0202 GMT
LAT 04 58.8S LONG 124 54.6W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 087 T SPD 20 KT VISIBILITY 7
CLOUD 8 AMOUNT 1 DRY 25.0 WET 22.0 DEPTH 4542 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.680	35.188	23.582	0.000
10	24.677	35.188	23.583	0.043
20	24.650	35.189	23.592	0.086
30	24.591	35.194	23.613	0.129
40	24.585	35.202	23.622	0.172
50	24.580	35.204	23.624	0.215
60	24.583	35.209	23.627	0.257
70	24.598	35.225	23.635	0.300
80	24.652	35.288	23.666	0.343
90	24.665	35.381	23.732	0.385
100	22.775	35.658	24.499	0.425
110	21.341	35.866	25.061	0.458
120	19.512	35.622	25.366	0.485
130	17.815	35.362	25.596	0.510
140	16.800	35.295	25.789	0.534
150	15.245	35.163	26.044	0.555
160	13.871	35.040	26.246	0.574
170	13.571	35.015	26.288	0.592
180	13.214	34.985	26.339	0.609
190	12.964	34.965	26.374	0.626
200	12.751	34.949	26.404	0.643
250	12.182	34.900	26.477	0.725
300	11.416	34.837	26.573	0.803
350	10.763	34.796	26.660	0.878
400	9.987	34.747	26.757	0.949
450	9.171	34.699	26.855	1.015
500	8.529	34.660	26.927	1.078
550	7.898	34.625	26.995	1.137
600	7.407	34.601	27.048	1.193
650	6.938	34.582	27.098	1.247
700	6.544	34.570	27.142	1.299
750	6.126	34.558	27.187	1.350
800	5.694	34.548	27.234	1.397
900	4.964	34.540	27.315	1.487
1000	4.426	34.547	27.381	1.569
1005	4.407	34.548	27.383	1.573

CAST EP4-94-MB -017 DATE 10 SEP 94 TIME 0811 GMT

LAT 05 59.6S LONG 124 55.7W



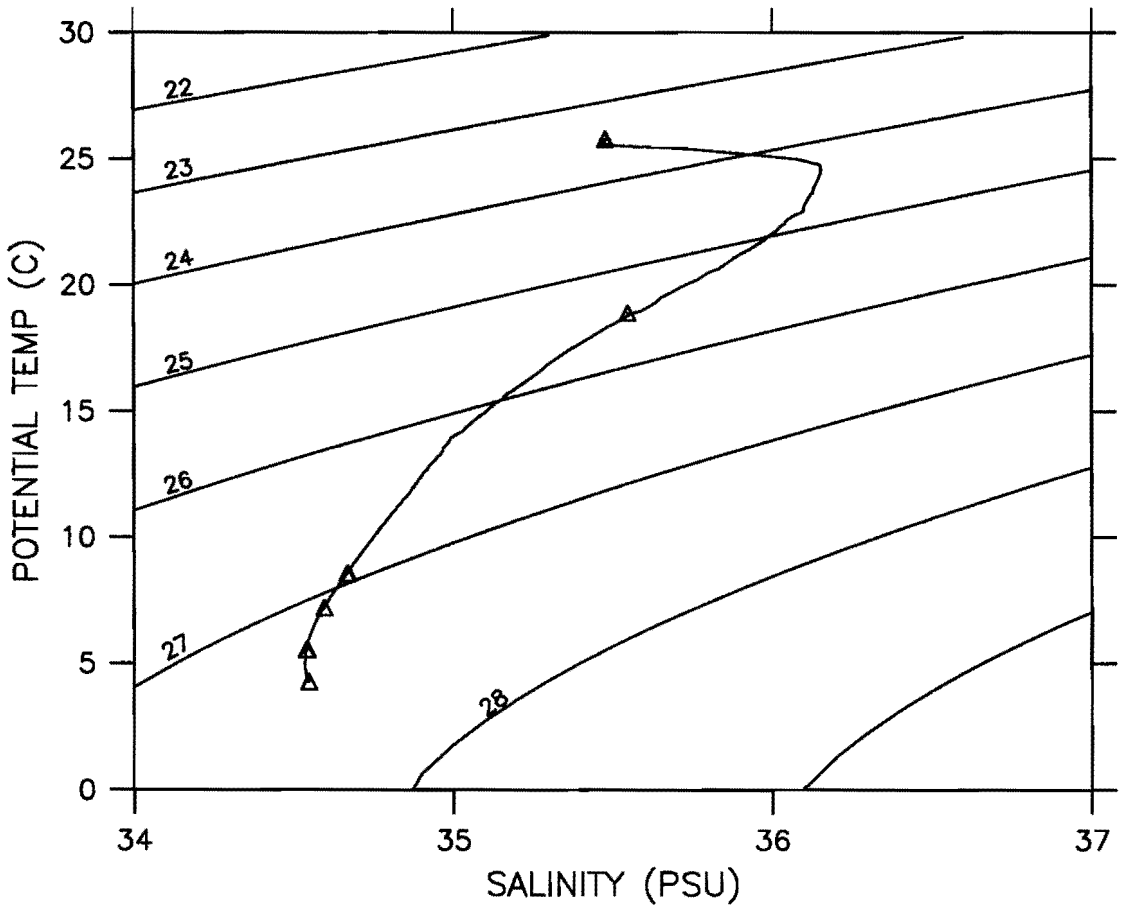


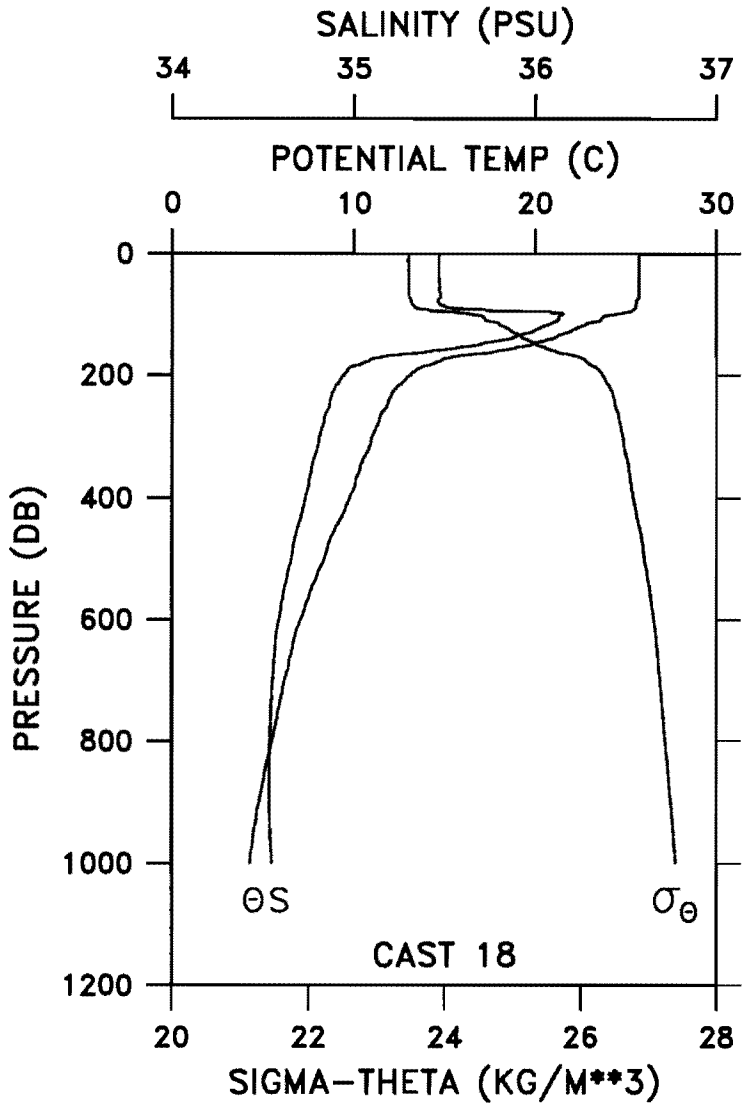
CAST EP4-94-MB -017 DATE 10 SEP 94 TIME 0811 GMT
LAT 05 59.6S LONG 124 55.7W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 110 T SPD 18 KT VISIBILITY 7
CLOUD 2 AMOUNT 4 DRY 25.0 WET 24.0 DEPTH 4556 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.341	35.373	23.521	0.000
10	25.340	35.372	23.521	0.044
20	25.341	35.373	23.521	0.087
30	25.344	35.373	23.520	0.131
40	25.344	35.373	23.520	0.175
50	25.345	35.373	23.519	0.218
60	25.331	35.376	23.526	0.262
70	25.326	35.376	23.527	0.306
80	25.349	35.392	23.532	0.350
90	25.357	35.397	23.534	0.394
100	25.398	35.455	23.565	0.438
110	23.664	35.765	24.322	0.479
120	21.403	35.876	25.052	0.510
130	20.367	35.753	25.240	0.539
140	19.810	35.685	25.336	0.566
150	17.816	35.397	25.623	0.592
160	16.508	35.244	25.818	0.615
170	14.931	35.086	26.054	0.636
180	13.579	34.976	26.257	0.655
190	13.281	34.956	26.303	0.673
200	12.855	34.929	26.368	0.690
250	11.671	34.855	26.539	0.771
300	11.083	34.816	26.617	0.847
350	10.425	34.774	26.703	0.919
400	9.840	34.739	26.775	0.988
450	9.257	34.704	26.845	1.055
500	8.557	34.664	26.925	1.117
550	7.794	34.622	27.008	1.176
600	7.051	34.586	27.086	1.231
650	6.396	34.559	27.153	1.283
700	5.848	34.548	27.215	1.331
750	5.504	34.545	27.255	1.377
800	5.229	34.542	27.286	1.422
900	4.836	34.541	27.330	1.508
1000	4.423	34.548	27.382	1.589
1000	4.423	34.548	27.382	1.589

CAST EP4-94-MB -018 DATE 10 SEP 94 TIME 1418 GMT

LAT 07 00.2S LONG 124 58.5W



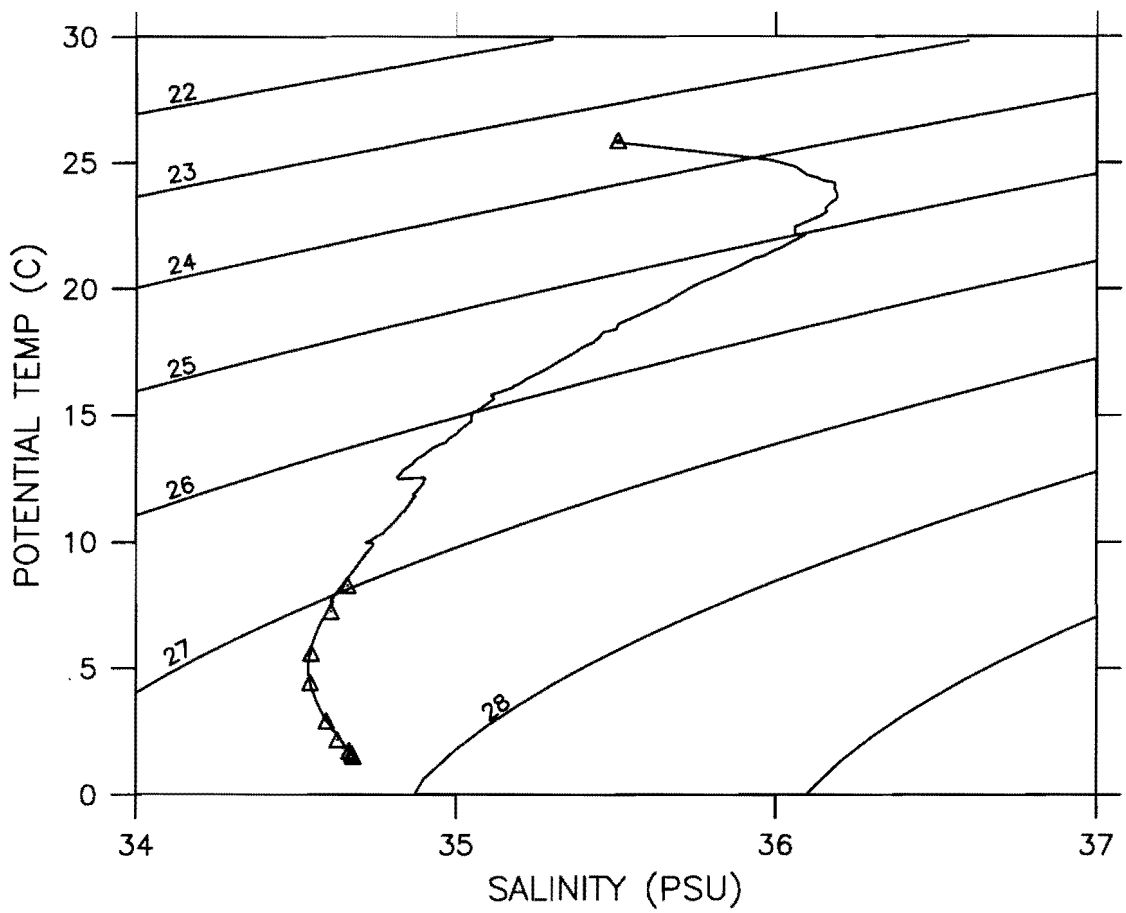


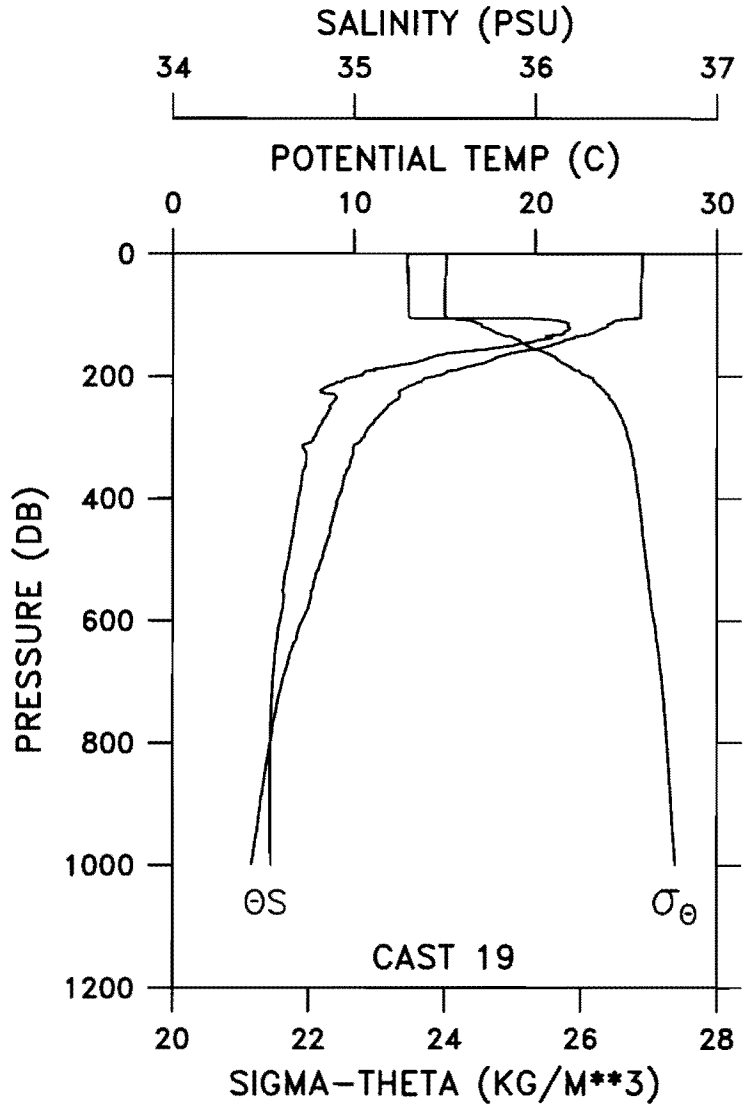
CAST EP4-94-MB -018 DATE 10 SEP 94 TIME 1418 GMT
LAT 07 00.2S LONG 124 58.5W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 070 T SPD 26 KT VISIBILITY 8
CLOUD 8 AMOUNT 6 DRY 24.8 WET 23.0 DEPTH 4665 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.738	35.468	23.470	0.000
10	25.776	35.468	23.458	0.044
20	25.748	35.468	23.467	0.088
30	25.749	35.469	23.467	0.132
40	25.741	35.469	23.469	0.177
50	25.751	35.472	23.469	0.221
60	25.744	35.471	23.470	0.265
70	25.740	35.480	23.478	0.310
80	25.595	35.467	23.513	0.354
90	25.518	35.545	23.596	0.398
100	24.422	36.152	24.389	0.437
110	23.630	36.125	24.605	0.472
120	22.523	36.043	24.863	0.504
130	21.780	35.973	25.021	0.534
140	20.980	35.869	25.162	0.563
150	19.785	35.694	25.349	0.591
160	17.907	35.429	25.625	0.617
170	15.458	35.151	25.987	0.639
180	14.496	35.053	26.123	0.659
190	13.493	34.967	26.268	0.678
200	13.121	34.946	26.328	0.695
250	11.835	34.866	26.517	0.777
300	10.995	34.811	26.630	0.853
350	10.348	34.770	26.713	0.925
400	9.784	34.735	26.782	0.994
450	8.978	34.688	26.877	1.059
500	8.398	34.656	26.944	1.120
550	7.672	34.617	27.022	1.178
600	7.068	34.587	27.084	1.233
650	6.590	34.566	27.133	1.285
700	6.183	34.553	27.176	1.336
750	5.830	34.543	27.213	1.384
800	5.504	34.537	27.249	1.431
900	4.791	34.535	27.331	1.519
1000	4.275	34.547	27.397	1.599
1001	4.269	34.547	27.398	1.600

CAST EP4-94-MB -019 DATE 11 SEP 94 TIME 0614 GMT

LAT 07 59.8S LONG 124 59.1W



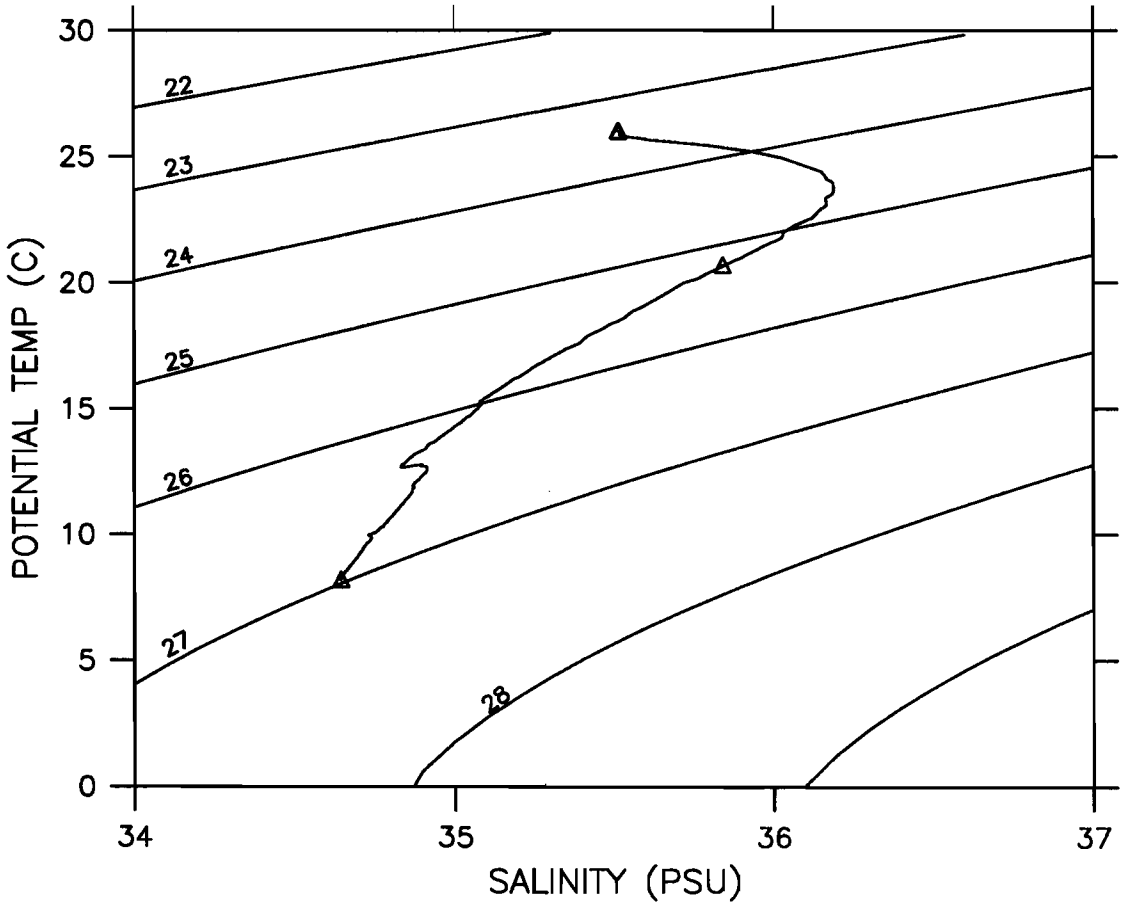


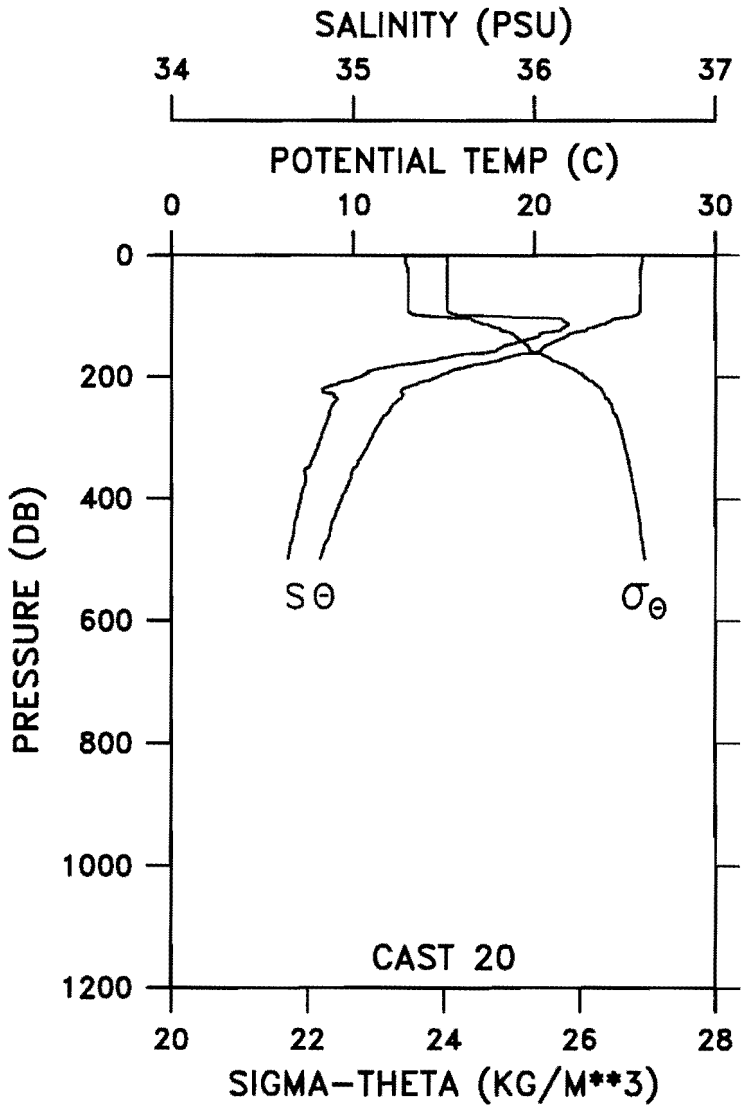
CAST EP4-94-MB -019 DATE 11 SEP 94 TIME 0614 GMT
LAT 07 59.8S LONG 124 59.1W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 085 T SPD 20 KT VISIBILITY 7
CLOUD 3 AMOUNT 4 DRY 25.0 WET 21.9 DEPTH 4521 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.898	35.511	23.452	0.000
10	25.904	35.511	23.451	0.044
20	25.889	35.509	23.454	0.089
30	25.885	35.509	23.455	0.133
40	25.854	35.505	23.462	0.177
50	25.833	35.503	23.467	0.222
60	25.817	35.501	23.470	0.266
70	25.814	35.501	23.471	0.310
80	25.811	35.501	23.472	0.355
90	25.805	35.500	23.474	0.399
100	25.802	35.502	23.476	0.444
110	24.349	36.134	24.398	0.485
120	23.864	36.186	24.582	0.519
130	23.042	36.158	24.801	0.552
140	21.730	36.030	25.078	0.583
150	20.856	35.877	25.202	0.612
160	19.080	35.592	25.454	0.639
170	17.787	35.412	25.641	0.663
180	16.865	35.288	25.768	0.687
190	15.648	35.118	25.919	0.709
200	14.440	35.014	26.105	0.730
250	11.840	34.865	26.515	0.816
300	10.502	34.781	26.695	0.890
350	9.705	34.729	26.790	0.958
400	9.113	34.693	26.860	1.023
450	8.698	34.668	26.906	1.085
500	8.227	34.640	26.957	1.145
550	7.671	34.608	27.015	1.203
600	7.165	34.593	27.075	1.259
650	6.539	34.567	27.141	1.311
700	6.050	34.552	27.193	1.361
750	5.693	34.545	27.231	1.408
800	5.380	34.540	27.266	1.454
900	4.843	34.538	27.327	1.541
1000	4.347	34.544	27.387	1.623
1500	2.899	34.597	27.573	1.969
2000	2.171	34.641	27.670	2.250
2500	1.736	34.667	27.725	2.499
3000	1.530	34.679	27.751	2.733
3001	1.530	34.679	27.750	2.734

CAST EP4-94-MB -020 DATE 11 SEP 94 TIME 2027 GMT

LAT 07 59.2S LONG 125 00.8W



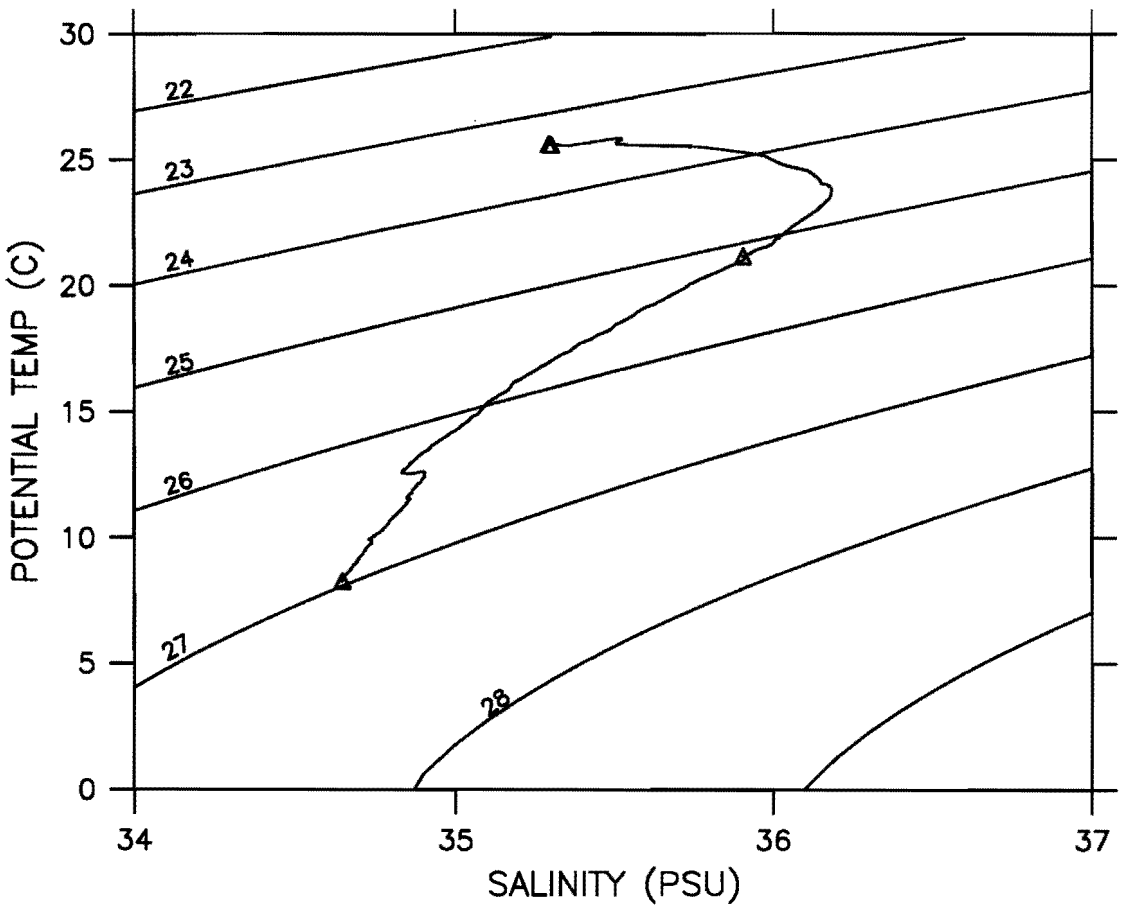


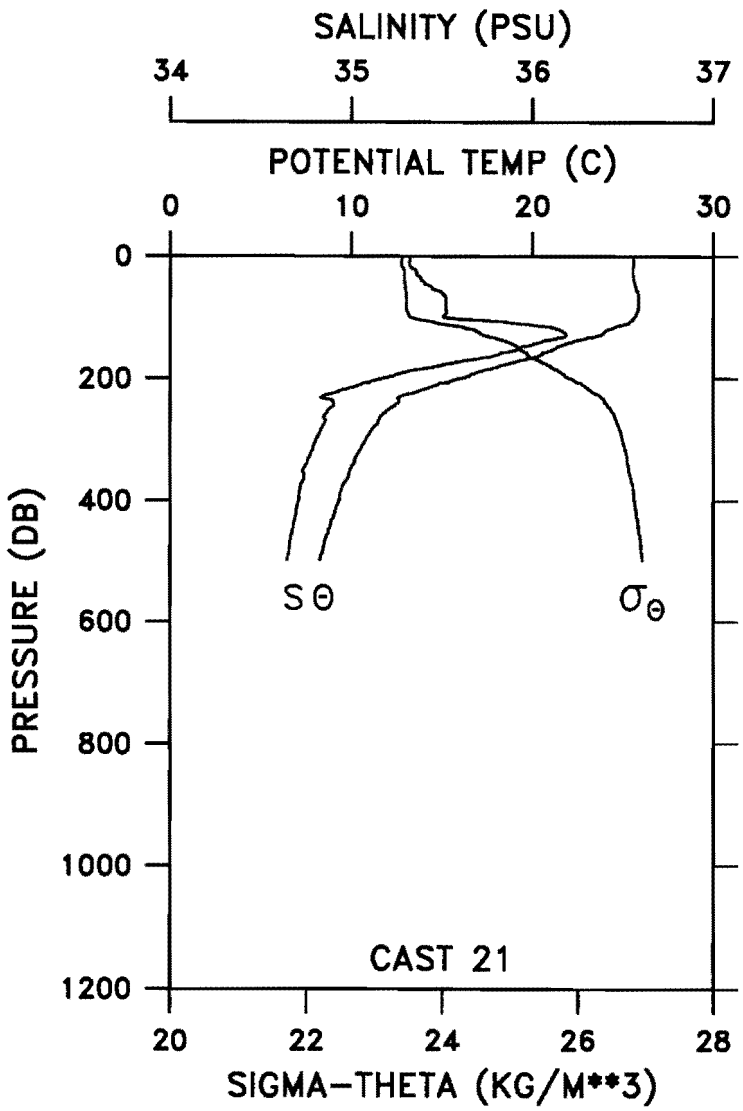
CAST EP4-94-MB -020 DATE 11 SEP 94 TIME 2027 GMT
LAT 07 59.2S LONG 125 00.8W WEATHER 1 SEA STATE 4
BAROMETER 14 WIND DIR 080 T SPD 18 KT VISIBILITY 7
CLOUD 3 AMOUNT 4 DRY 27.0 WET 24.0 DEPTH 4520 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.970	35.519	23.436	0.000
10	25.965	35.520	23.439	0.044
20	25.892	35.518	23.460	0.089
30	25.869	35.518	23.467	0.133
40	25.863	35.518	23.469	0.177
50	25.859	35.518	23.470	0.221
60	25.856	35.518	23.471	0.266
70	25.855	35.519	23.472	0.310
80	25.854	35.518	23.472	0.355
90	25.848	35.519	23.475	0.399
100	25.493	35.752	23.760	0.443
110	24.093	36.169	24.500	0.480
120	22.970	36.157	24.822	0.513
130	21.885	36.031	25.035	0.544
140	21.317	35.950	25.132	0.574
150	20.578	35.829	25.241	0.602
160	20.100	35.749	25.308	0.629
170	18.336	35.487	25.563	0.655
180	16.858	35.277	25.761	0.679
190	15.475	35.101	25.945	0.701
200	14.680	35.043	26.075	0.722
250	12.101	34.882	26.479	0.809
300	11.040	34.826	26.633	0.886
350	10.036	34.745	26.747	0.957
400	9.377	34.712	26.832	1.023
450	8.779	34.675	26.899	1.087
499	8.204	34.641	26.961	1.146

CAST EP4-94-MB -021 DATE 12 SEP 94 TIME 2045 GMT

LAT 07 58.4S LONG 125 01.3W



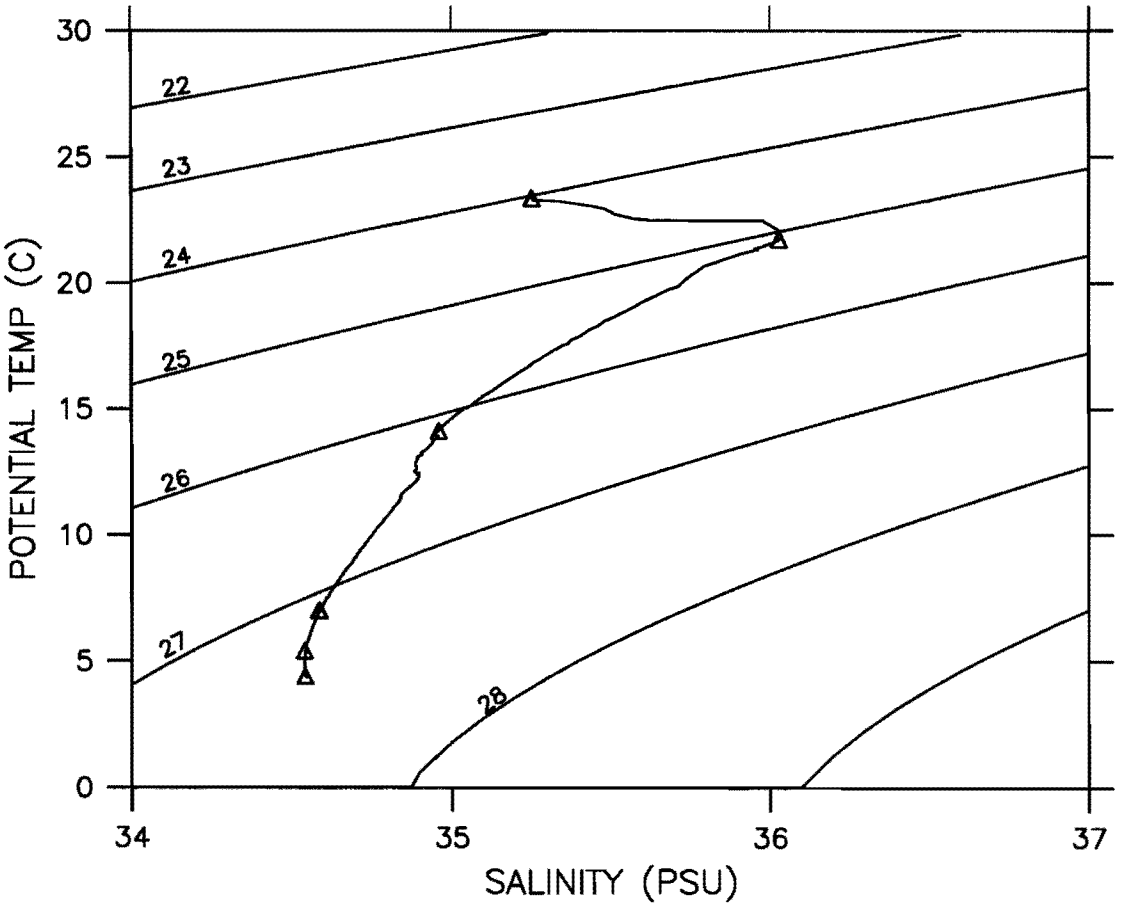


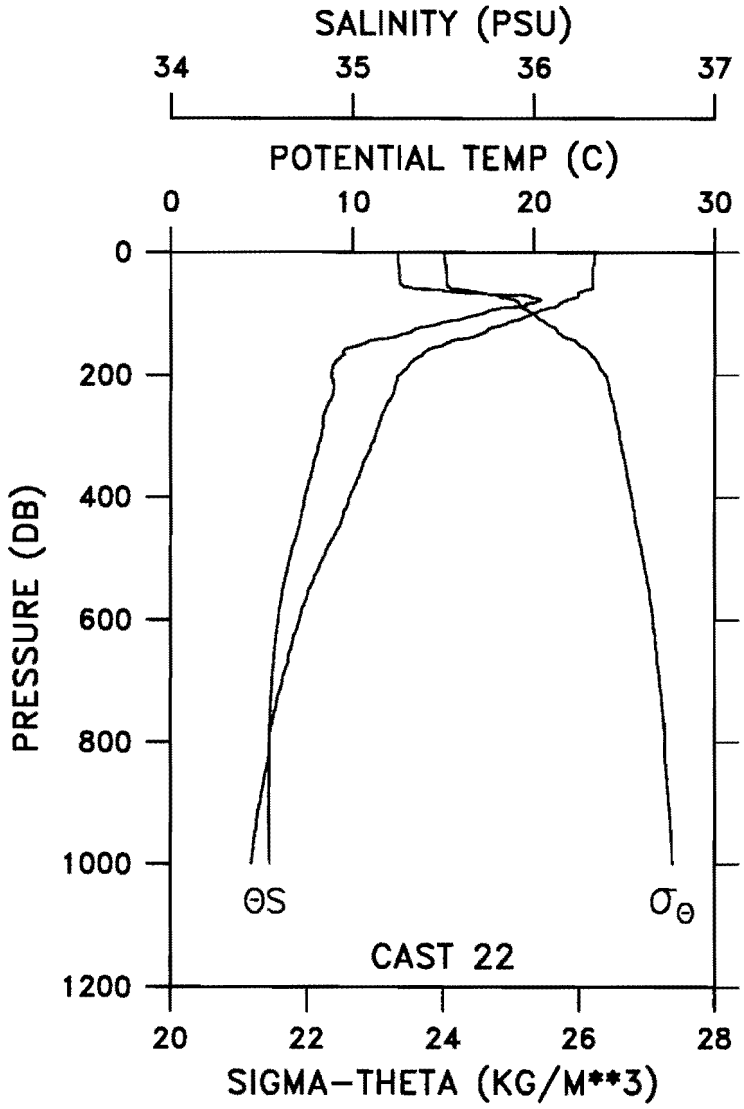
CAST EP4-94-MB -021 DATE 12 SEP 94 TIME 2045 GMT
LAT 07 58.4S LONG 125 01.3W WEATHER 1 SEA STATE 4
BAROMETER 14 WIND DIR 084 T SPD 17 KT VISIBILITY 7
CLOUD 3 AMOUNT 2 DRY 27.1 WET 25.1 DEPTH 4474 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	25.602	35.322	23.402	0.000
10	25.606	35.318	23.398	0.045
20	25.569	35.338	23.424	0.089
30	25.557	35.358	23.443	0.134
40	25.624	35.389	23.446	0.178
50	25.716	35.437	23.453	0.223
60	25.835	35.501	23.464	0.267
70	25.870	35.521	23.469	0.312
80	25.864	35.521	23.471	0.356
90	25.834	35.524	23.483	0.400
100	25.627	35.510	23.536	0.445
110	25.280	35.919	23.952	0.487
120	24.098	36.151	24.485	0.524
130	23.562	36.180	24.666	0.558
140	22.204	36.047	24.957	0.590
150	21.267	35.926	25.127	0.619
160	20.495	35.815	25.253	0.647
170	19.275	35.630	25.433	0.674
180	18.107	35.459	25.598	0.700
190	16.915	35.287	25.756	0.723
200	15.868	35.166	25.907	0.746
250	12.060	34.879	26.484	0.837
300	10.781	34.804	26.663	0.913
350	9.927	34.731	26.755	0.983
400	9.326	34.710	26.839	1.048
450	8.725	34.672	26.905	1.111
499	8.259	34.644	26.956	1.170

CAST EP4-94-MB -022 DATE 16 SEP 94 TIME 0309 GMT

LAT 08 00.3S LONG 109 58.2W



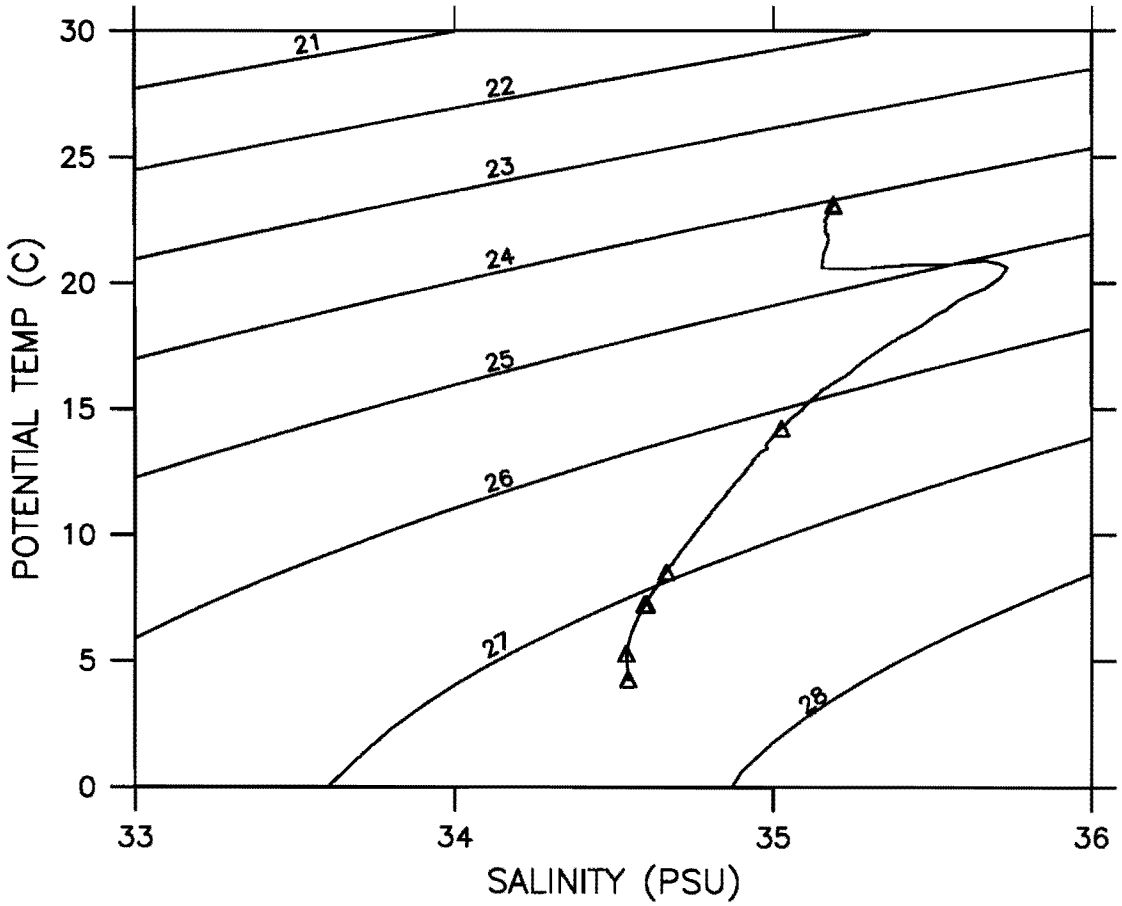


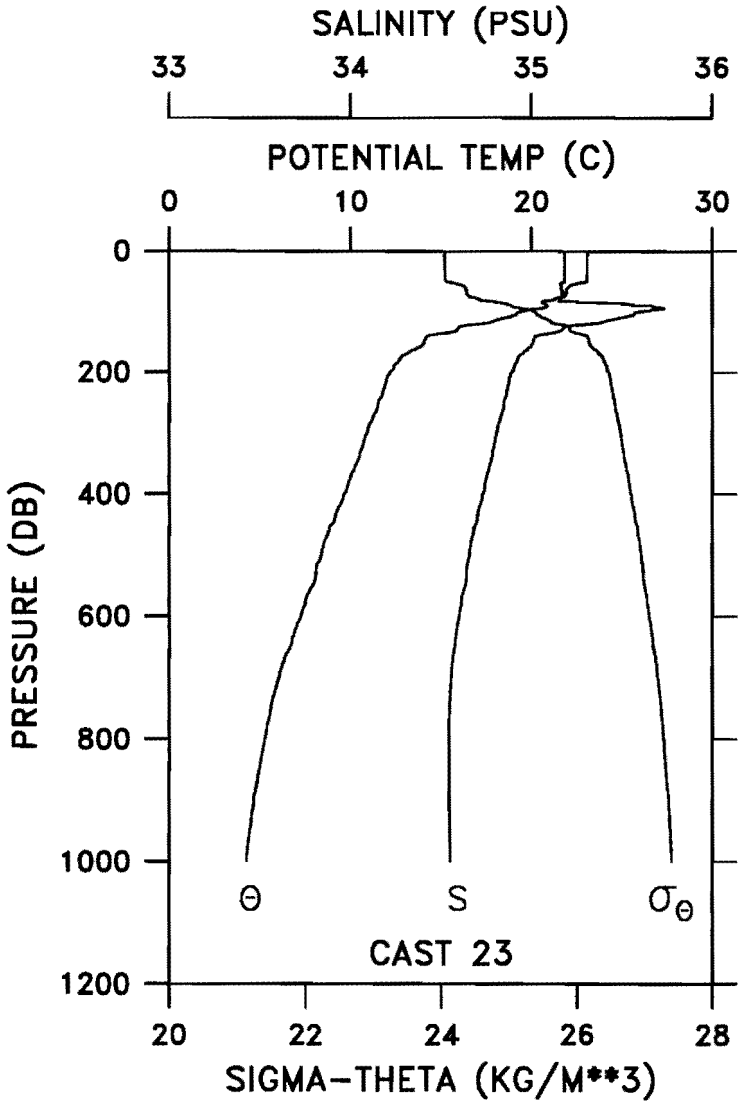
CAST EP4-94-MB -022 DATE 16 SEP 94 TIME 0309 GMT
LAT 08 00.3S LONG 109 58.2W WEATHER 2 SEA STATE 4
BAROMETER 12 WIND DIR 110 T SPD 20 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 22.3 WET 21.0 DEPTH 3400 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.368	35.248	24.017	0.000
10	23.358	35.249	24.020	0.039
20	23.332	35.254	24.032	0.078
30	23.274	35.256	24.050	0.116
40	23.266	35.257	24.053	0.155
50	23.265	35.262	24.057	0.194
60	23.053	35.437	24.251	0.232
70	22.464	35.954	24.813	0.267
80	21.611	36.011	25.097	0.297
90	20.857	35.837	25.172	0.325
100	19.860	35.710	25.341	0.353
110	19.137	35.583	25.433	0.379
120	18.042	35.420	25.584	0.404
130	17.333	35.319	25.681	0.428
140	16.148	35.174	25.849	0.451
150	15.036	35.047	26.001	0.472
160	14.092	34.953	26.132	0.491
170	13.650	34.937	26.212	0.510
180	13.193	34.906	26.282	0.528
190	12.976	34.890	26.313	0.546
200	12.543	34.882	26.393	0.563
250	11.858	34.863	26.510	0.645
300	11.250	34.828	26.596	0.722
350	10.532	34.785	26.692	0.795
400	9.857	34.740	26.774	0.865
450	9.266	34.704	26.844	0.931
500	8.361	34.653	26.947	0.993
550	7.584	34.615	27.033	1.051
600	7.073	34.589	27.085	1.105
650	6.575	34.571	27.139	1.157
700	6.131	34.557	27.186	1.207
750	5.684	34.547	27.234	1.255
800	5.413	34.542	27.263	1.301
900	4.909	34.539	27.321	1.389
1000	4.414	34.544	27.380	1.471
1011	4.351	34.546	27.388	1.480

CAST EP4-94-MB -023 DATE 16 SEP 94 TIME 0910 GMT

LAT 07 00.0S LONG 109 58.9W



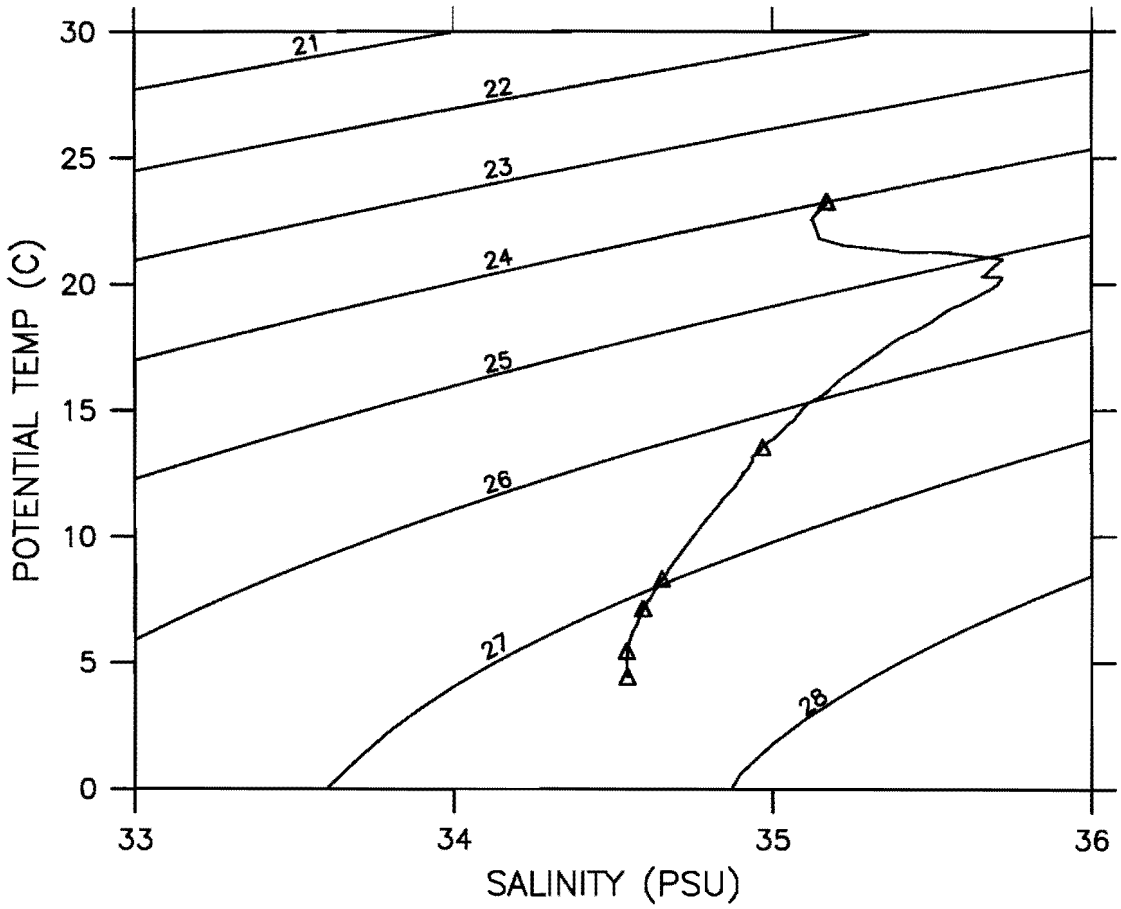


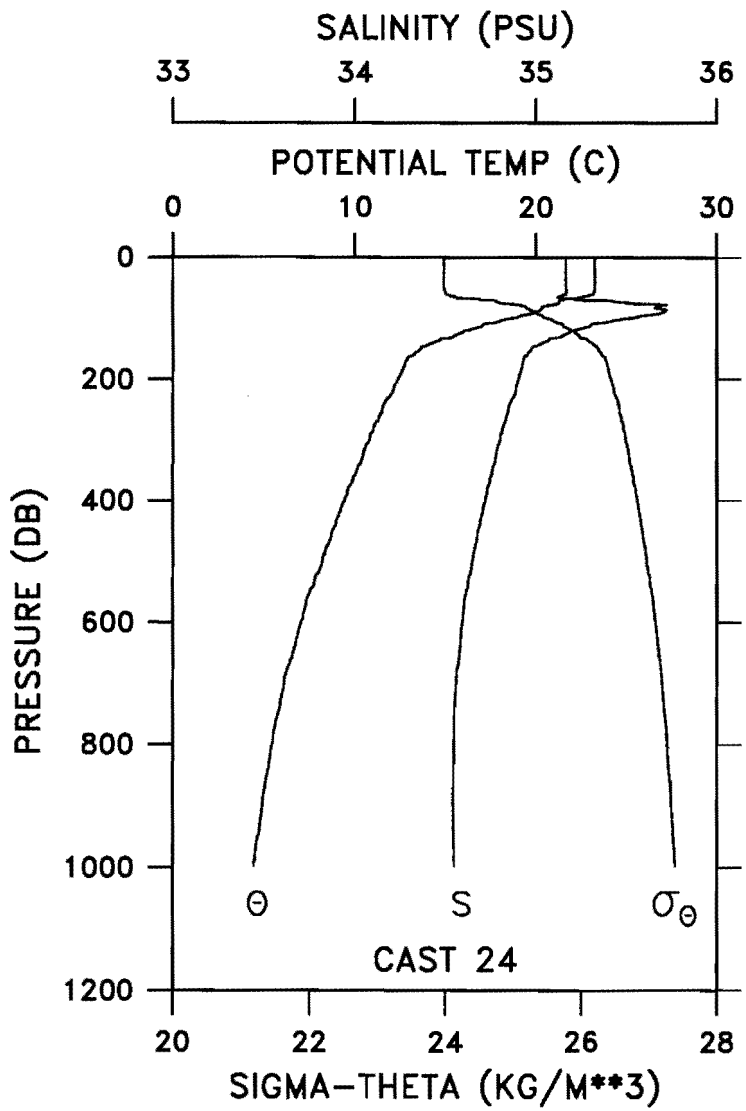
CAST EP4-94-MB -023 DATE 16 SEP 94 TIME 0910 GMT
LAT 07 00.0S LONG 109 58.9W WEATHER 2 SEA STATE 4
BAROMETER 12 WIND DIR 114 T SPD 14 KT VISIBILITY 7
CLOUD 2 AMOUNT 8 DRY 23.1 WET 20.3 DEPTH 3468 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.099	35.185	24.047	0.000
10	23.087	35.185	24.050	0.039
20	23.085	35.185	24.051	0.077
30	23.081	35.184	24.052	0.116
40	23.070	35.184	24.054	0.154
50	23.028	35.182	24.065	0.193
60	21.999	35.163	24.343	0.230
70	21.898	35.172	24.378	0.266
80	21.215	35.158	24.557	0.301
90	20.889	35.668	25.034	0.332
100	19.288	35.576	25.389	0.360
110	18.459	35.481	25.527	0.385
120	17.143	35.310	25.720	0.409
130	15.856	35.167	25.910	0.431
140	14.228	35.019	26.154	0.451
150	14.069	35.010	26.181	0.470
160	13.685	34.983	26.240	0.489
170	13.085	34.945	26.334	0.506
180	12.694	34.922	26.394	0.523
190	12.388	34.904	26.440	0.540
200	12.189	34.890	26.468	0.556
250	11.546	34.848	26.558	0.634
300	10.913	34.807	26.641	0.709
350	10.324	34.770	26.717	0.781
400	9.630	34.729	26.803	0.849
450	8.950	34.689	26.883	0.914
500	8.366	34.655	26.948	0.975
550	7.883	34.631	27.002	1.033
600	7.264	34.599	27.066	1.089
650	6.669	34.574	27.128	1.142
700	6.024	34.553	27.197	1.191
750	5.593	34.545	27.244	1.238
800	5.248	34.542	27.283	1.283
900	4.652	34.543	27.353	1.368
1000	4.268	34.550	27.400	1.447
1000	4.268	34.550	27.400	1.447

CAST EP4-94-MB -024 DATE 16 SEP 94 TIME 1451 GMT

LAT 06 00.0S LONG 109 58.7W



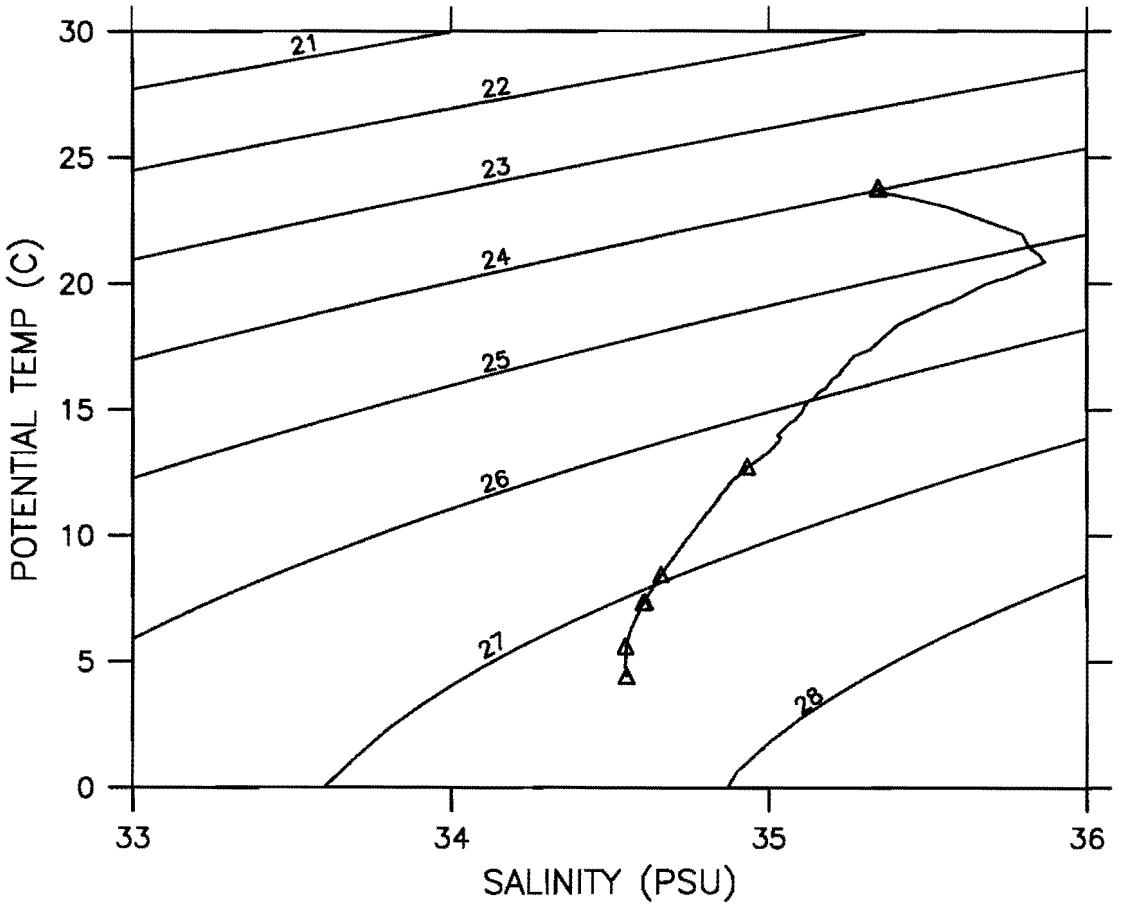


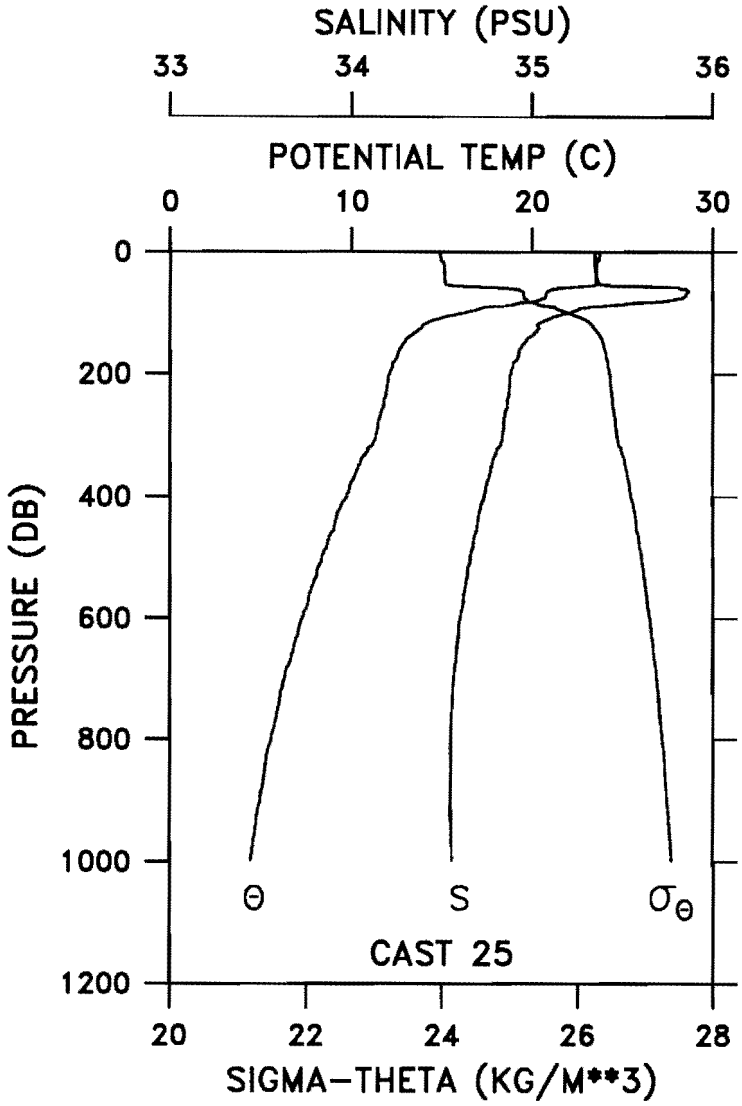
CAST EP4-94-MB -024 DATE 16 SEP 94 TIME 1451 GMT
LAT 06 00.0S LONG 109 58.7W WEATHER 2 SEA STATE 4
BAROMETER 13 WIND DIR 126 T SPD 21 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 23.6 WET 19.0 DEPTH 3337 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.265	35.165	23.983	0.000
10	23.272	35.165	23.982	0.039
20	23.275	35.165	23.981	0.078
30	23.276	35.165	23.980	0.118
40	23.274	35.165	23.981	0.157
50	23.273	35.165	23.981	0.196
60	23.168	35.167	24.013	0.236
70	21.315	35.387	24.704	0.273
80	20.349	35.666	25.178	0.303
90	19.893	35.695	25.321	0.331
100	18.489	35.496	25.531	0.357
110	17.078	35.305	25.731	0.381
120	16.046	35.196	25.889	0.403
130	15.429	35.135	25.981	0.424
140	14.300	35.039	26.154	0.444
150	13.624	34.974	26.246	0.462
160	13.279	34.954	26.301	0.480
170	12.841	34.930	26.371	0.497
180	12.702	34.923	26.394	0.514
190	12.555	34.914	26.415	0.531
200	12.385	34.904	26.441	0.547
250	11.514	34.848	26.563	0.626
300	10.814	34.802	26.655	0.700
350	10.096	34.758	26.747	0.771
400	9.450	34.719	26.825	0.837
450	8.781	34.680	26.903	0.901
500	8.228	34.650	26.965	0.961
550	7.550	34.616	27.039	1.018
600	7.034	34.593	27.094	1.072
650	6.607	34.578	27.140	1.124
700	6.115	34.560	27.191	1.174
750	5.781	34.552	27.226	1.221
800	5.443	34.547	27.264	1.267
900	4.910	34.544	27.325	1.355
998	4.442	34.550	27.381	1.435

CAST EP4-94-MB -025 DATE 16 SEP 94 TIME 2112 GMT

LAT 04 58.5S LONG 109 59.9W



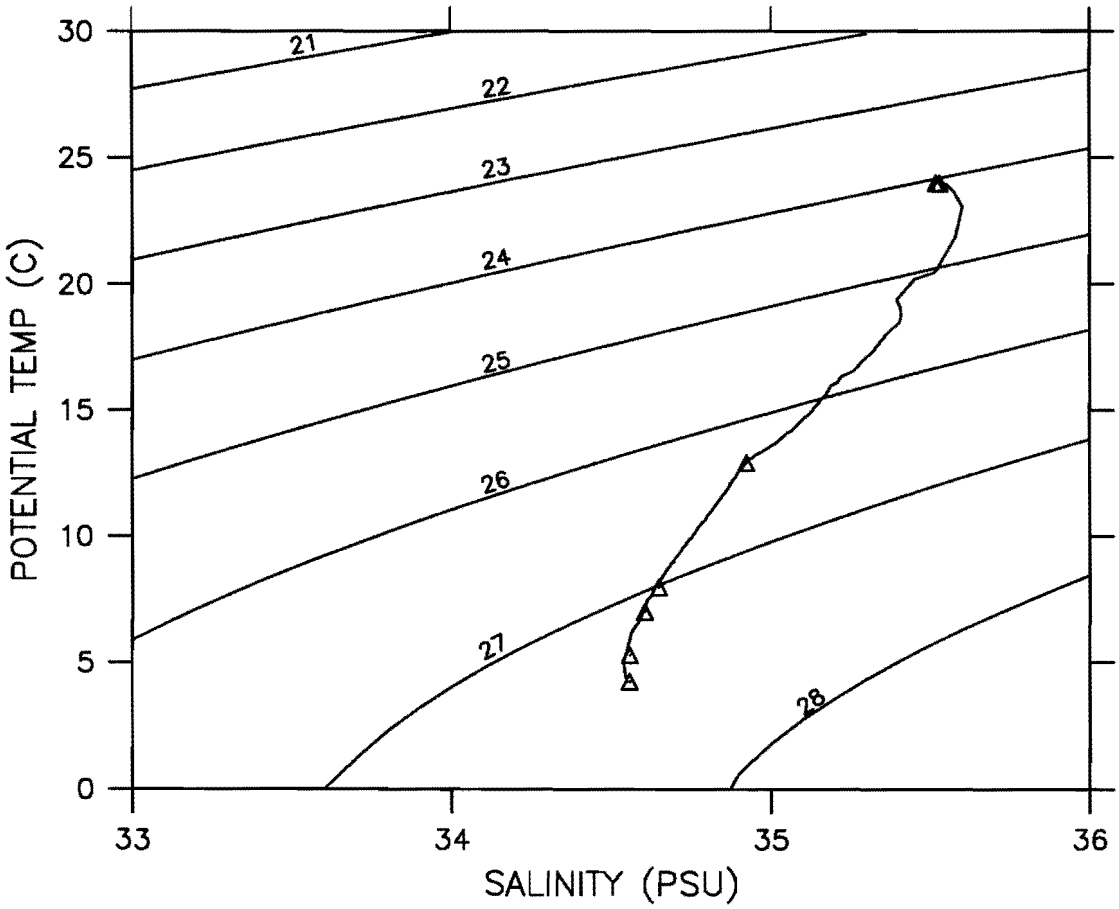


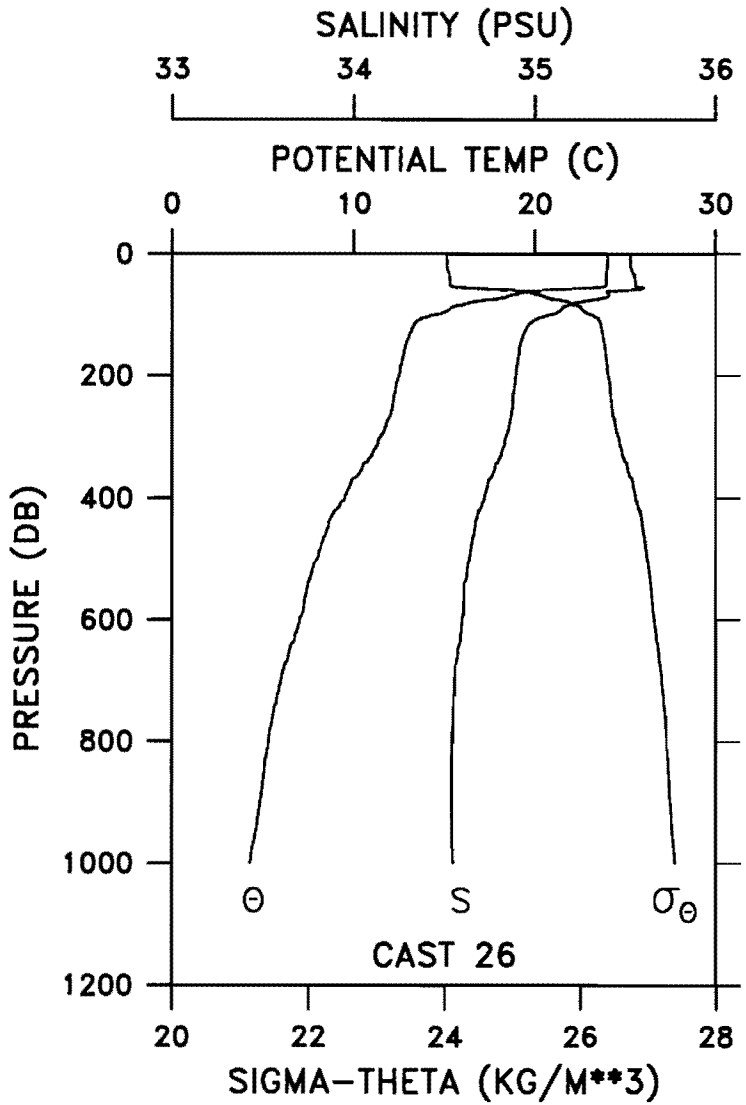
CAST EP4-94-MB -025 DATE 16 SEP 94 TIME 2112 GMT
LAT 04 58.5S LONG 109 59.9W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 162 T SPD 14 KT VISIBILITY 7
CLOUD 3 AMOUNT 6 DRY 24.6 WET 20.1 DEPTH 3583 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.756	35.347	23.978	0.000
10	23.711	35.346	23.991	0.039
20	23.562	35.347	24.035	0.078
30	23.550	35.350	24.041	0.117
40	23.551	35.357	24.046	0.156
50	23.554	35.368	24.053	0.194
60	21.422	35.822	25.005	0.230
70	20.765	35.852	25.208	0.258
80	20.183	35.736	25.276	0.286
90	17.380	35.319	25.669	0.312
100	16.202	35.199	25.855	0.334
110	14.727	35.092	26.103	0.355
120	13.980	35.028	26.214	0.373
130	13.602	35.022	26.288	0.391
140	13.146	34.980	26.349	0.409
150	12.873	34.954	26.384	0.425
160	12.655	34.928	26.407	0.442
170	12.545	34.923	26.424	0.459
180	12.352	34.904	26.447	0.475
190	12.244	34.891	26.458	0.491
200	12.100	34.881	26.478	0.507
250	11.785	34.862	26.523	0.586
300	11.344	34.836	26.585	0.663
350	10.371	34.774	26.712	0.736
400	9.729	34.735	26.791	0.805
450	9.051	34.696	26.872	0.869
500	8.375	34.659	26.949	0.931
550	7.802	34.629	27.013	0.989
600	7.275	34.603	27.068	1.045
650	6.806	34.585	27.119	1.098
700	6.314	34.568	27.171	1.149
750	5.945	34.559	27.211	1.197
800	5.576	34.552	27.251	1.244
900	4.962	34.549	27.322	1.332
998	4.438	34.556	27.386	1.412

CAST EP4-94-MB -026 DATE 17 SEP 94 TIME 0240 GMT

LAT 03 59.7S LONG 109 59.9W



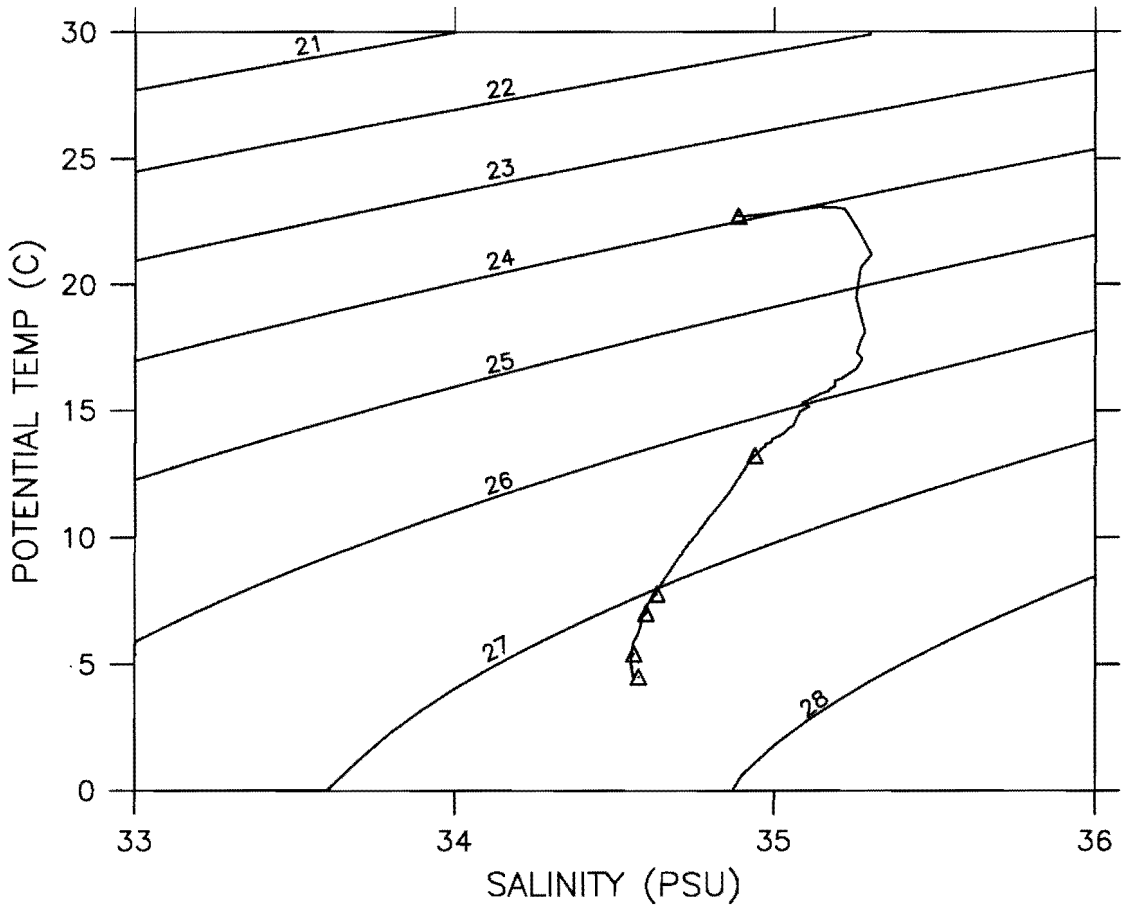


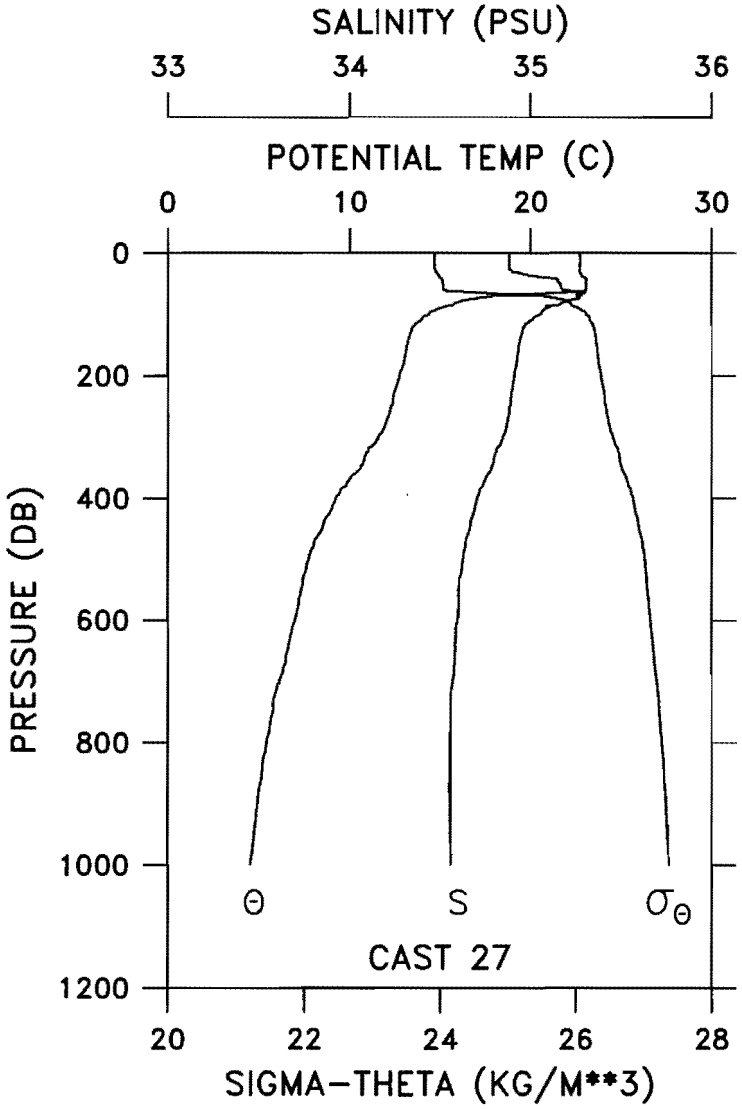
CAST EP4-94-MB -026 DATE 17 SEP 94 TIME 0240 GMT
LAT 03 59.7S LONG 109 59.9W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 145 T SPD 14 KT VISIBILITY 7
CLOUD 3 AMOUNT 6 DRY 23.3 WET 19.9 DEPTH 3693 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	24.014	35.527	24.038	0.000
10	24.012	35.529	24.040	0.039
20	24.011	35.529	24.040	0.077
30	23.960	35.541	24.064	0.116
40	23.940	35.552	24.079	0.154
50	23.933	35.556	24.084	0.193
60	20.427	35.511	25.039	0.229
70	18.449	35.402	25.470	0.255
80	16.325	35.220	25.843	0.279
90	15.303	35.149	26.021	0.300
100	14.376	35.079	26.169	0.319
110	13.509	34.990	26.283	0.337
120	13.275	34.959	26.306	0.355
130	13.109	34.941	26.326	0.372
140	12.973	34.927	26.343	0.389
150	12.863	34.918	26.357	0.406
160	12.789	34.913	26.368	0.423
170	12.718	34.909	26.379	0.440
180	12.649	34.903	26.389	0.457
190	12.569	34.899	26.401	0.474
200	12.507	34.895	26.410	0.490
250	12.157	34.876	26.463	0.572
300	11.485	34.841	26.563	0.652
350	10.482	34.780	26.697	0.726
400	9.517	34.722	26.817	0.794
450	8.546	34.668	26.930	0.856
500	7.985	34.638	26.992	0.915
550	7.417	34.610	27.053	0.971
600	7.017	34.598	27.100	1.025
650	6.459	34.573	27.156	1.076
700	5.978	34.558	27.206	1.125
750	5.582	34.549	27.249	1.172
800	5.301	34.544	27.278	1.217
900	4.838	34.540	27.329	1.303
1000	4.275	34.548	27.397	1.384
1006	4.254	34.548	27.400	1.389

CAST EP4-94-MB -027 DATE 17 SEP 94 TIME 0816 GMT

LAT 03 00.1S LONG 109 58.8W



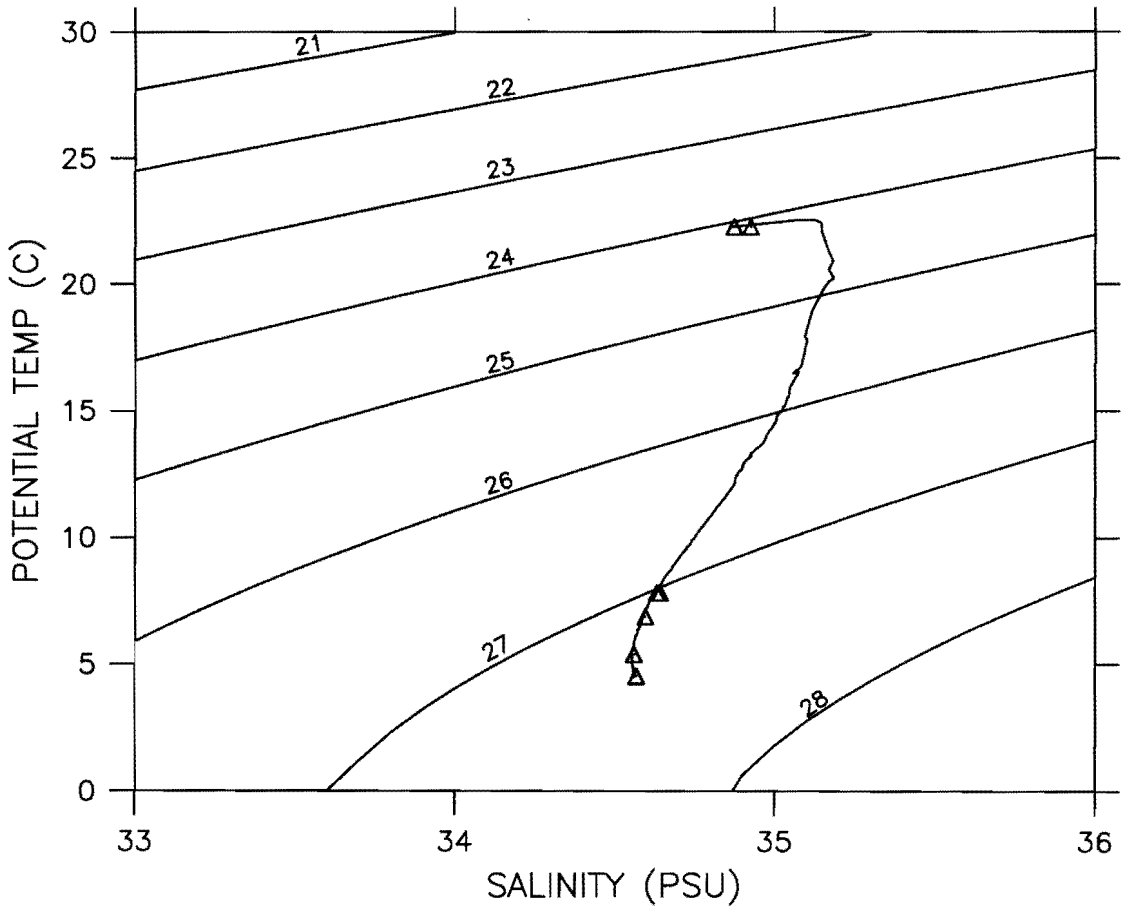


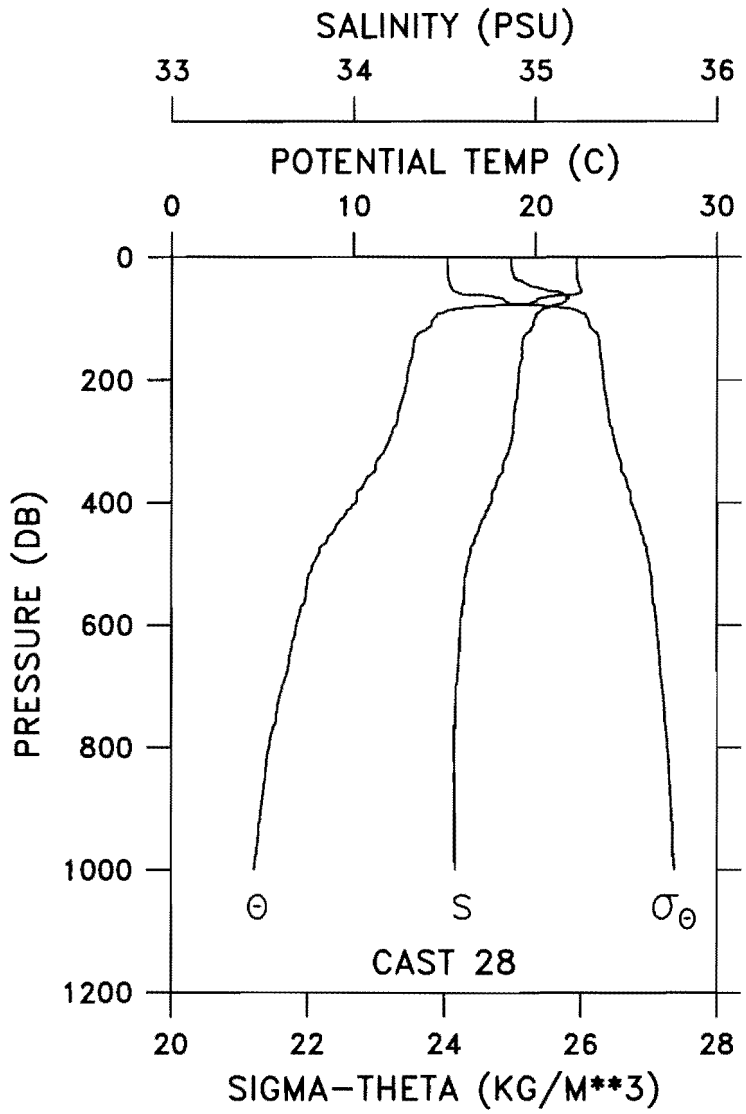
CAST EP4-94-MB -027 DATE 17 SEP 94 TIME 0816 GMT
LAT 03 00.1S LONG 109 58.8W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 098 T SPD 15 KT VISIBILITY 7
CLOUD 2 AMOUNT 7 DRY 23.0 WET 19.8 DEPTH 3864 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.742	34.882	23.919	0.000
10	22.747	34.881	23.918	0.040
20	22.742	34.882	23.920	0.080
30	22.729	34.901	23.938	0.119
40	22.975	35.076	24.000	0.159
50	23.066	35.165	24.041	0.198
60	23.071	35.179	24.051	0.237
70	17.942	35.276	25.499	0.269
80	15.973	35.189	25.900	0.292
90	14.963	35.079	26.042	0.313
100	14.348	35.051	26.154	0.332
110	13.912	35.000	26.206	0.350
120	13.497	34.962	26.263	0.368
130	13.352	34.953	26.285	0.386
140	13.243	34.942	26.299	0.404
150	13.161	34.935	26.311	0.421
160	13.102	34.932	26.320	0.439
170	13.037	34.927	26.329	0.456
180	12.979	34.923	26.338	0.473
190	12.837	34.915	26.360	0.490
200	12.739	34.910	26.375	0.507
250	12.271	34.886	26.449	0.591
300	11.571	34.846	26.551	0.671
350	10.595	34.785	26.681	0.745
400	9.231	34.703	26.849	0.813
450	8.478	34.664	26.937	0.875
500	7.729	34.626	27.021	0.932
550	7.318	34.602	27.061	0.987
600	6.981	34.596	27.103	1.041
650	6.548	34.582	27.151	1.092
700	6.103	34.569	27.199	1.141
750	5.757	34.558	27.234	1.188
800	5.413	34.556	27.274	1.234
900	4.902	34.555	27.334	1.320
1000	4.523	34.558	27.379	1.402
1006	4.511	34.559	27.381	1.407

CAST EP4-94-MB -028 DATE 17 SEP 94 TIME 1400 GMT

LAT 02 00.4S LONG 109 59.5W



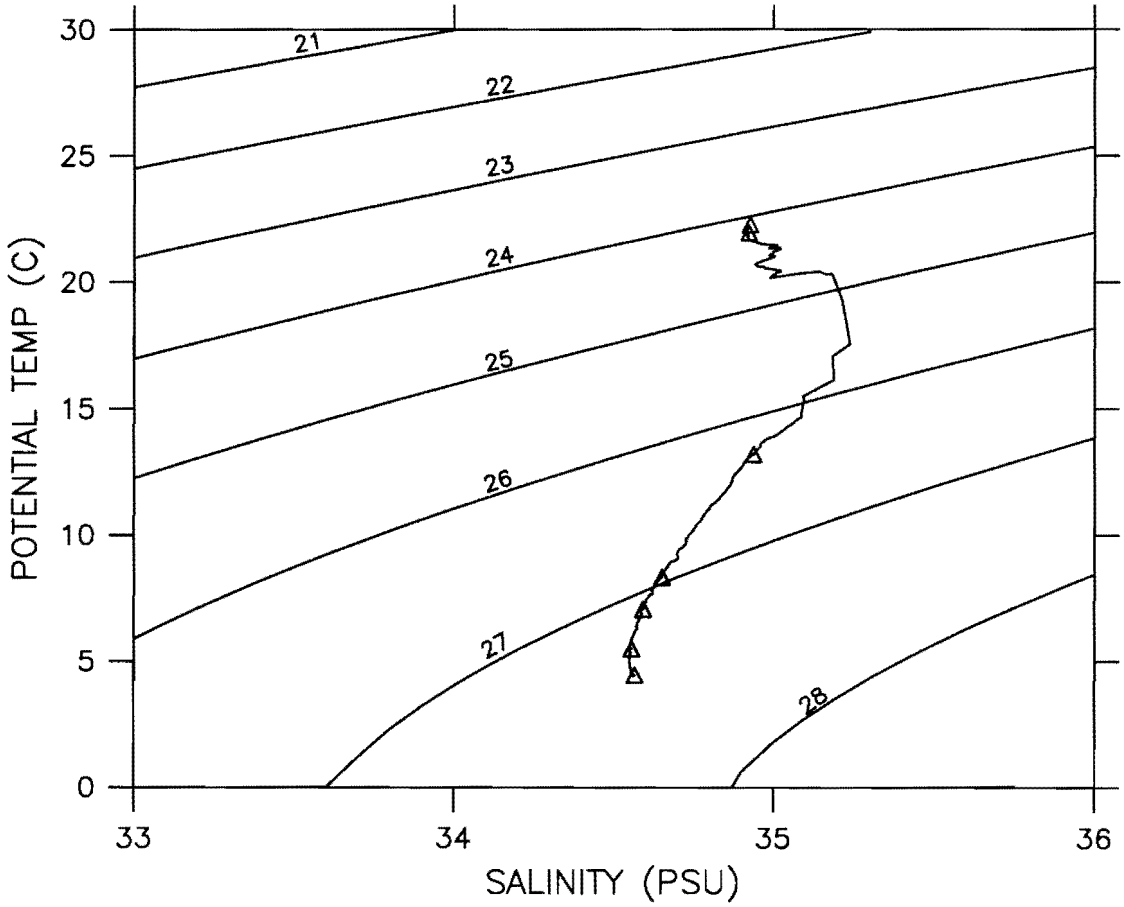


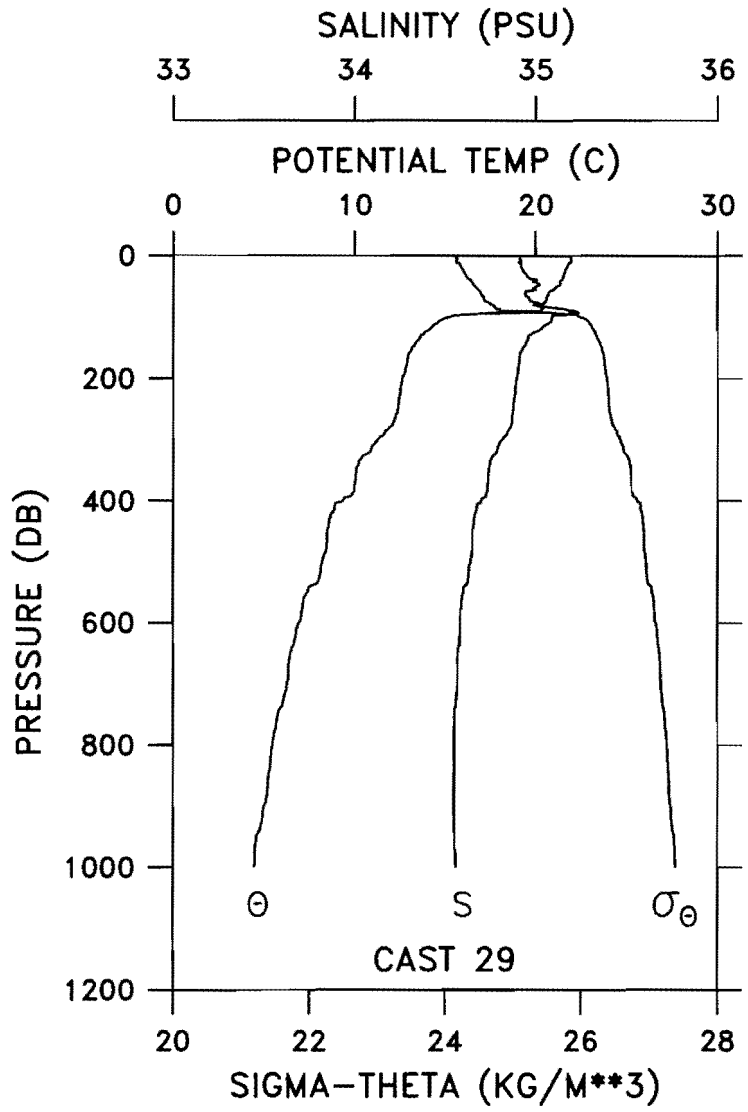
CAST EP4-94-MB -028 DATE 17 SEP 94 TIME 1400 GMT
LAT 02 00.4S LONG 109 59.5W WEATHER 1 SEA STATE 3
BAROMETER 11 WIND DIR 117 T SPD 16 KT VISIBILITY 7
CLOUD 7 AMOUNT 7 DRY 22.8 WET 19.2 DEPTH 3864 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.269	34.866	24.042	0.000
10	22.267	34.866	24.043	0.039
20	22.269	34.869	24.044	0.077
30	22.283	34.879	24.048	0.116
40	22.343	34.925	24.066	0.155
50	22.465	35.017	24.101	0.193
60	22.253	35.148	24.260	0.231
70	20.077	35.167	24.870	0.263
80	16.737	35.083	25.642	0.293
90	14.936	35.017	26.000	0.314
100	14.401	34.995	26.099	0.334
110	14.262	34.988	26.123	0.353
120	13.866	34.970	26.193	0.372
130	13.395	34.934	26.263	0.390
140	13.317	34.926	26.272	0.408
150	13.258	34.924	26.282	0.425
160	13.215	34.922	26.290	0.443
170	13.111	34.918	26.308	0.461
180	13.015	34.909	26.320	0.478
190	12.963	34.906	26.328	0.496
200	12.937	34.905	26.332	0.513
250	12.485	34.885	26.406	0.599
300	11.938	34.867	26.498	0.681
350	11.169	34.819	26.604	0.759
400	10.138	34.758	26.740	0.830
450	8.859	34.682	26.892	0.895
500	7.809	34.627	27.009	0.954
550	7.399	34.608	27.054	1.010
600	6.875	34.591	27.114	1.063
650	6.488	34.580	27.158	1.114
700	6.078	34.566	27.200	1.163
750	5.752	34.561	27.237	1.210
800	5.370	34.554	27.278	1.256
900	4.925	34.558	27.333	1.342
1000	4.537	34.563	27.381	1.424
1001	4.521	34.564	27.383	1.425

CAST EP4-94-MB -029 DATE 17 SEP 94 TIME 1958 GMT

LAT 00 59.6S LONG 110 00.3W



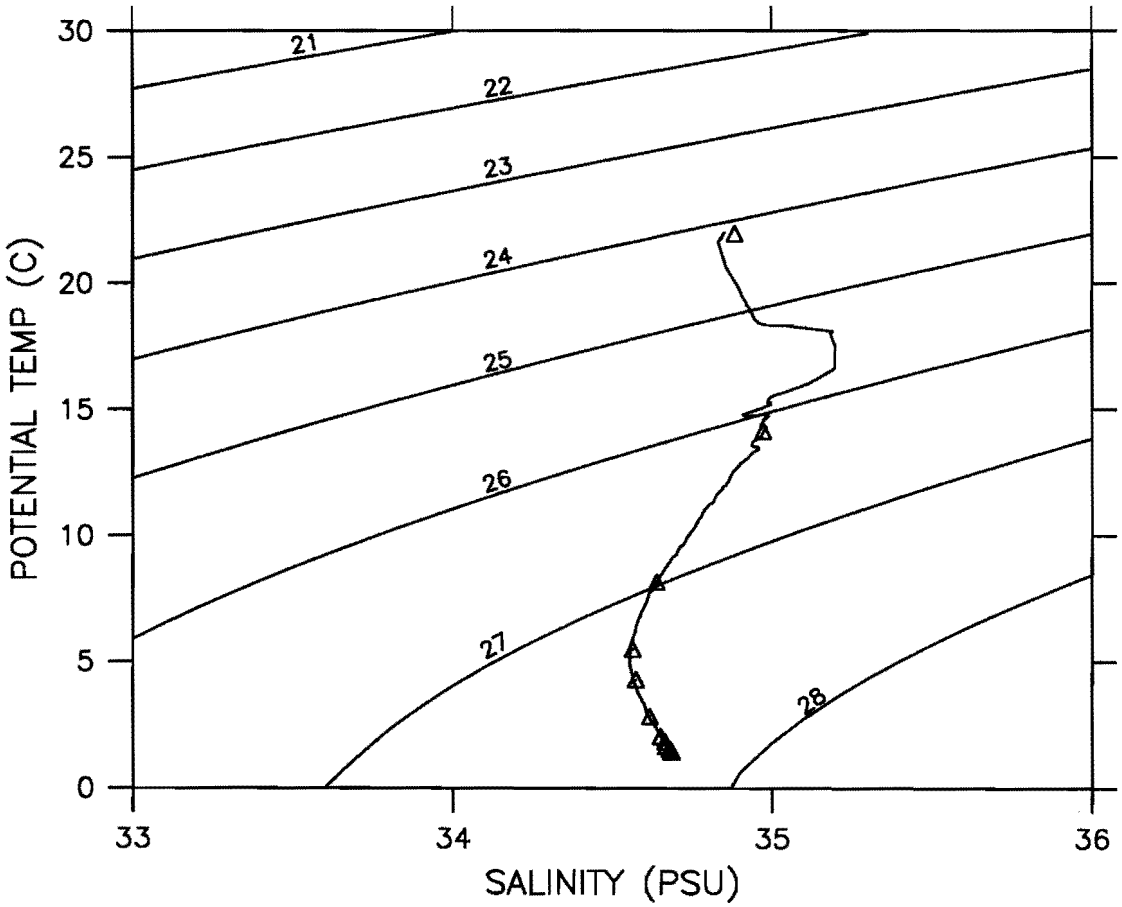


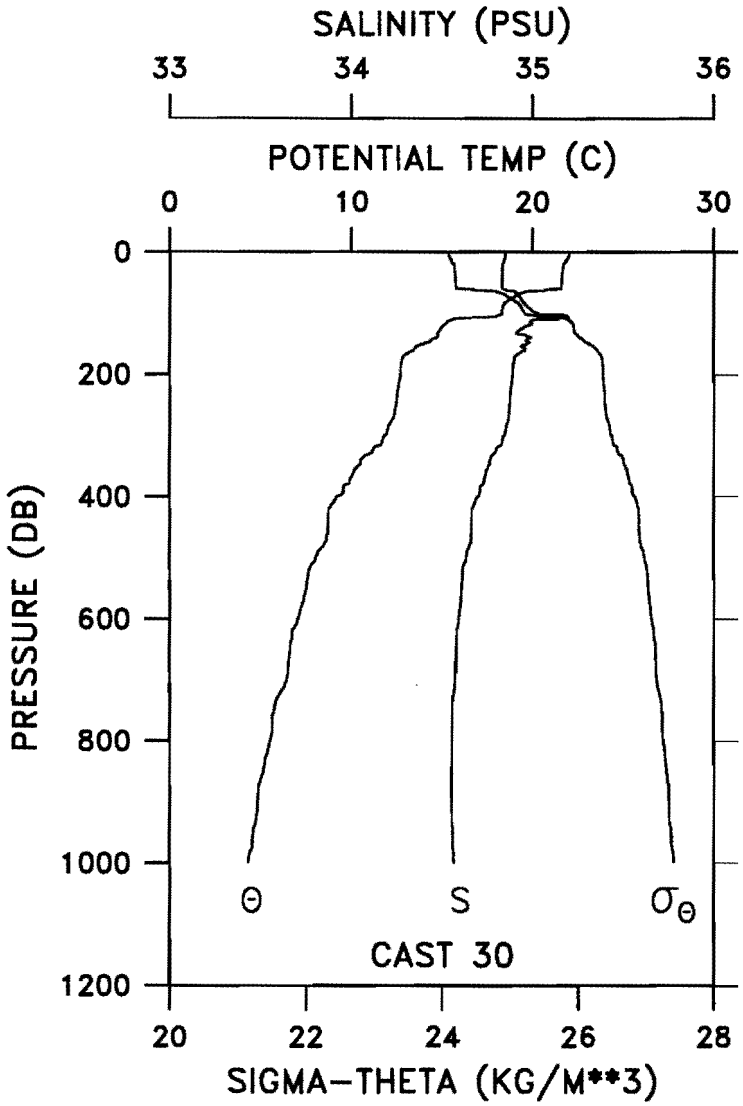
CAST EP4-94-MB -029 DATE 17 SEP 94 TIME 1958 GMT
LAT 00 59.6S LONG 110 00.3W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 116 T SPD 11 KT VISIBILITY 7
CLOUD 2 AMOUNT 3 DRY 24.0 WET 20.8 DEPTH 3980 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	21.938	34.914	24.171	0.000
10	21.951	34.913	24.167	0.037
20	21.687	34.924	24.249	0.074
30	21.557	34.950	24.304	0.111
40	21.424	35.001	24.380	0.147
50	21.192	34.999	24.443	0.182
60	20.711	34.943	24.530	0.217
70	20.607	34.966	24.575	0.251
80	20.168	34.989	24.711	0.284
90	19.263	35.214	25.118	0.316
100	15.255	35.094	25.989	0.339
110	14.551	35.071	26.126	0.359
120	14.120	35.026	26.182	0.378
130	13.643	34.960	26.231	0.396
140	13.414	34.950	26.271	0.414
150	13.169	34.930	26.305	0.432
160	12.974	34.914	26.332	0.449
170	12.899	34.910	26.344	0.466
180	12.843	34.907	26.353	0.483
190	12.777	34.904	26.364	0.501
200	12.641	34.896	26.385	0.518
250	12.398	34.877	26.417	0.601
300	11.290	34.816	26.580	0.682
350	10.104	34.742	26.733	0.754
400	9.367	34.701	26.825	0.822
450	8.499	34.654	26.926	0.884
500	8.229	34.642	26.958	0.944
550	7.415	34.602	27.047	1.002
600	6.917	34.587	27.105	1.056
650	6.436	34.573	27.159	1.107
700	6.257	34.571	27.180	1.156
750	5.760	34.554	27.231	1.205
800	5.465	34.550	27.264	1.251
900	4.988	34.550	27.320	1.339
1000	4.434	34.562	27.392	1.421
1001	4.417	34.562	27.393	1.421

CAST EP4-94-MB -030 DATE 18 SEP 94 TIME 0603 GMT

LAT 00 00.8N LONG 109 59.7W



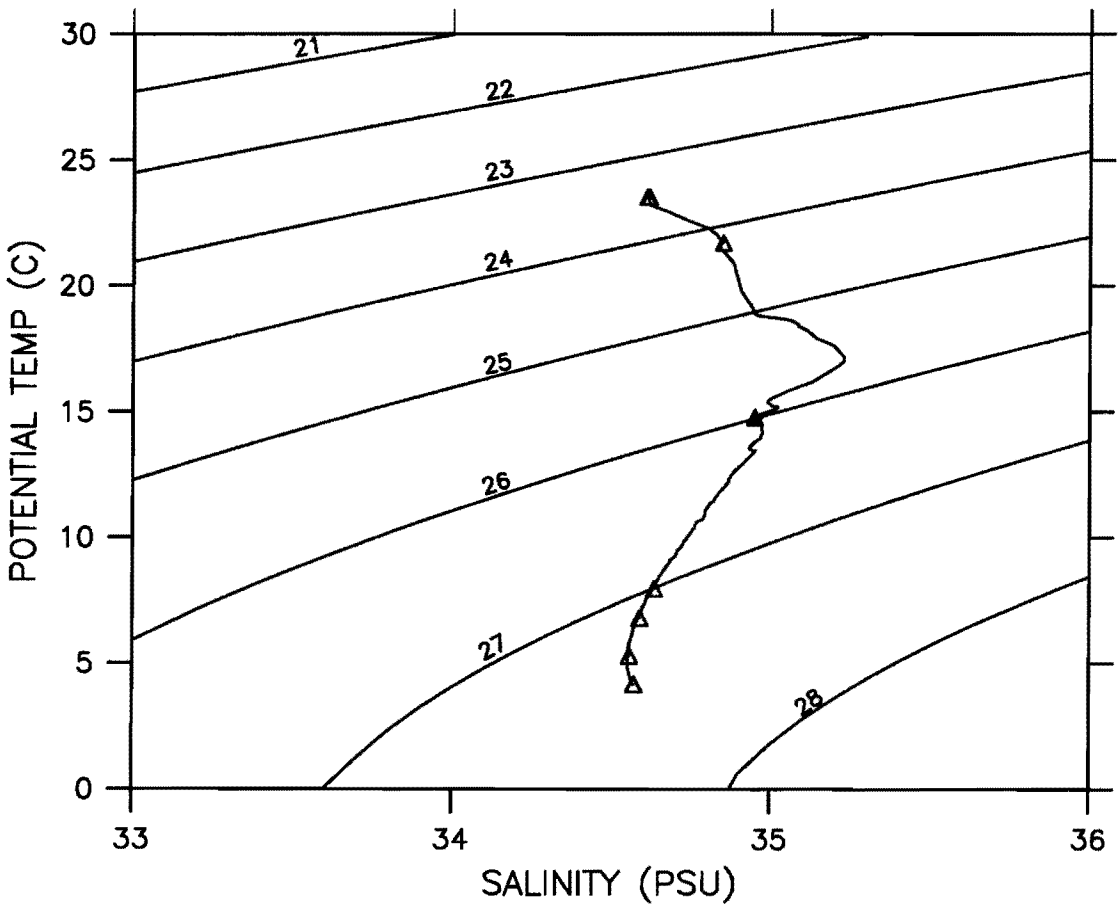


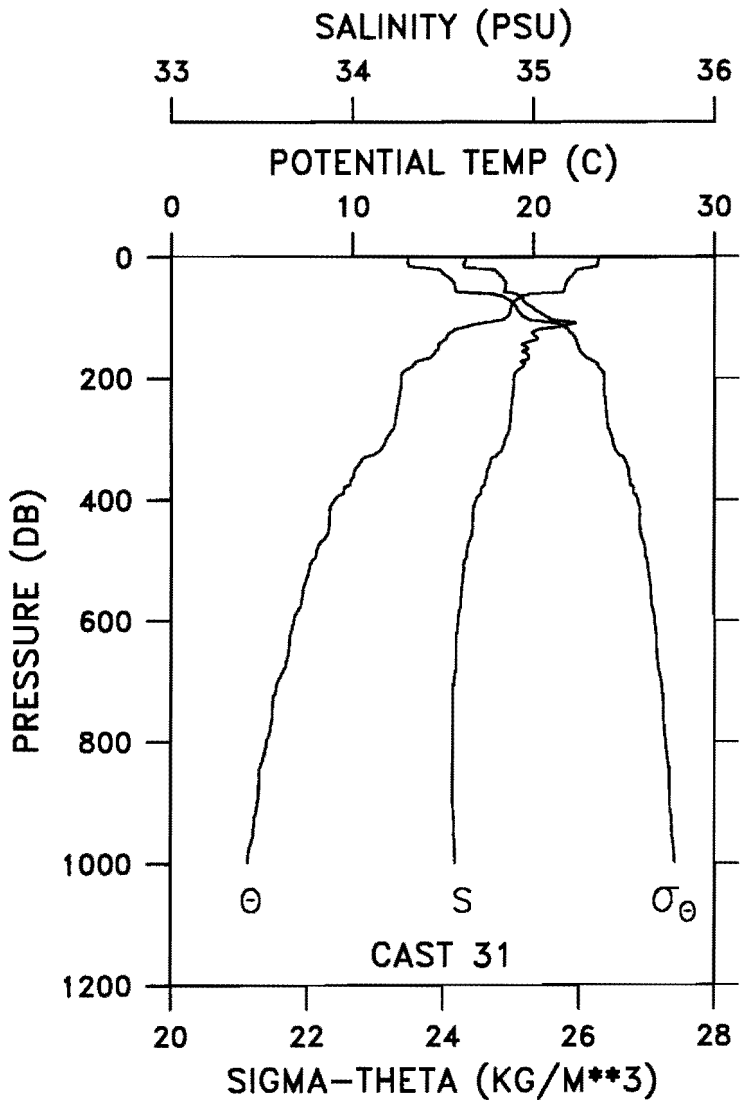
CAST EP4-94-MB -030 DATE 18 SEP 94 TIME 0603 GMT
LAT 00 00.8N LONG 109 59.7W WEATHER 2 SEA STATE 3
BAROMETER 13 WIND DIR 170 T SPD 04 KT VISIBILITY 7
CLOUD 3 AMOUNT 8 DRY 22.1 WET 20.9 DEPTH 3817 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	22.011	34.851	24.103	0.000
10	21.948	34.847	24.118	0.038
20	21.720	34.835	24.172	0.076
30	21.657	34.832	24.187	0.113
40	21.623	34.833	24.197	0.150
50	21.603	34.833	24.203	0.188
60	21.579	34.832	24.209	0.225
70	19.112	34.920	24.932	0.258
80	18.657	34.942	25.065	0.287
90	18.362	34.973	25.162	0.316
100	18.321	35.027	25.214	0.344
110	15.638	35.030	25.854	0.370
120	15.102	34.979	25.934	0.391
130	14.834	34.918	25.946	0.412
140	14.747	34.990	26.021	0.432
150	14.047	34.970	26.155	0.452
160	13.413	34.958	26.277	0.470
170	12.866	34.903	26.345	0.488
180	12.765	34.896	26.360	0.505
190	12.713	34.891	26.367	0.522
200	12.699	34.890	26.368	0.539
250	12.460	34.874	26.403	0.623
300	11.801	34.842	26.504	0.706
350	10.343	34.758	26.704	0.782
400	9.243	34.701	26.845	0.849
450	8.713	34.664	26.901	0.912
500	8.028	34.632	26.981	0.972
550	7.533	34.609	27.036	1.028
600	7.040	34.593	27.093	1.083
650	6.606	34.579	27.141	1.135
700	6.436	34.573	27.159	1.185
750	5.737	34.558	27.236	1.233
800	5.504	34.556	27.264	1.279
900	4.813	34.553	27.343	1.365
1000	4.281	34.565	27.411	1.446
1500	2.803	34.612	27.593	1.785
2000	2.055	34.649	27.686	2.059
2500	1.670	34.668	27.731	2.301
3000	1.443	34.678	27.756	2.530
3005	1.441	34.678	27.756	2.532

CAST EP4-94-MB -031 DATE 19 SEP 94 TIME 0120 GMT

LAT 00 00.1N LONG 110 02.3W



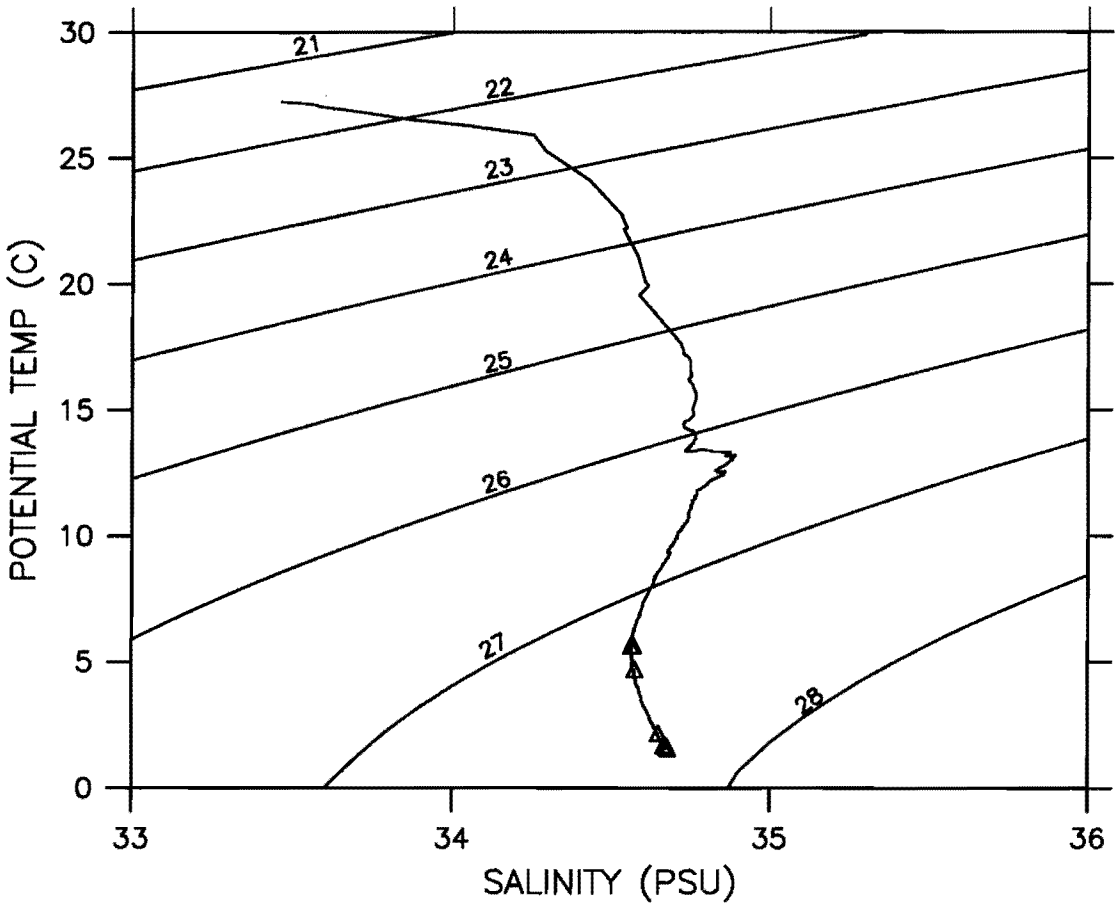


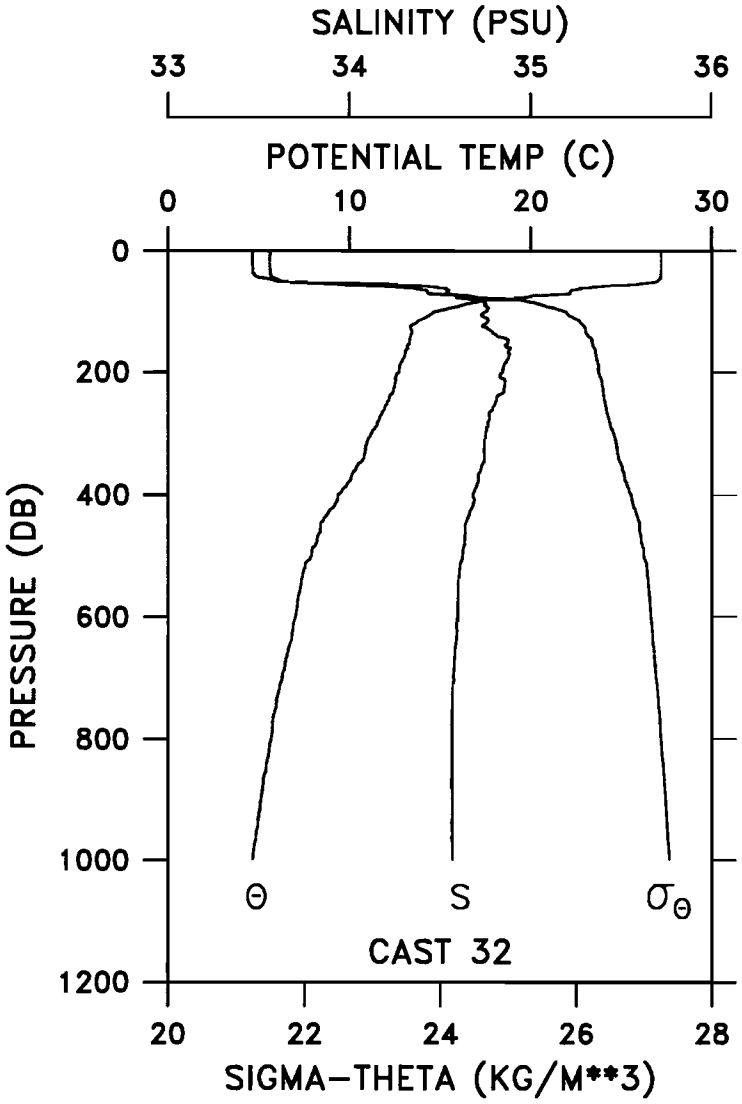
CAST EP4-94-MB -031 DATE 19 SEP 94 TIME 0120 GMT
LAT 00 00.1N LONG 110 02.3W WEATHER 2 SEA STATE 3
BAROMETER 11 WIND DIR 160 T SPD 11 KT VISIBILITY 7
CLOUD 3 AMOUNT 7 DRY 23.0 WET 21.0 DEPTH 3742 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	23.592	34.622	23.477	0.000
10	23.555	34.616	23.483	0.044
20	22.597	34.737	23.851	0.087
30	22.179	34.812	24.026	0.126
40	21.848	34.843	24.142	0.165
50	21.726	34.844	24.177	0.202
60	20.341	34.893	24.591	0.239
70	19.107	34.943	24.951	0.271
80	18.764	34.980	25.067	0.300
90	18.706	35.026	25.117	0.329
100	18.482	35.085	25.219	0.357
110	16.977	35.230	25.698	0.383
120	15.649	35.022	25.845	0.406
130	15.196	35.012	25.939	0.427
140	14.914	34.968	25.967	0.448
150	14.753	34.965	26.000	0.469
160	14.500	34.964	26.054	0.489
170	13.817	34.950	26.187	0.508
180	13.332	34.944	26.283	0.526
190	12.814	34.902	26.355	0.544
200	12.707	34.891	26.368	0.561
250	12.486	34.876	26.399	0.646
300	11.851	34.842	26.495	0.729
350	10.141	34.745	26.729	0.804
400	9.014	34.683	26.868	0.871
450	8.675	34.663	26.906	0.933
500	7.775	34.621	27.010	0.992
550	7.290	34.602	27.065	1.047
600	6.760	34.583	27.123	1.100
650	6.478	34.574	27.154	1.150
700	5.906	34.562	27.218	1.199
750	5.600	34.556	27.252	1.245
800	5.275	34.554	27.289	1.290
900	4.766	34.555	27.349	1.374
1000	4.214	34.566	27.419	1.453
1009	4.166	34.567	27.424	1.460

CAST EP4-94-MB -032 DATE 22 SEP 94 TIME 0804 GMT

LAT 05 01.8N LONG 094 58.9W





CAST EP4-94-MB -032 DATE 22 SEP 94 TIME 0804 GMT
LAT 05 01.8N LONG 094 58.9W WEATHER 3 SEA STATE 1
BAROMETER 10 WIND DIR 210 T SPD 17 KT VISIBILITY 7
CLOUD 7 AMOUNT 7 DRY 26.2 WET 24.5 DEPTH 3574 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.210	33.463	21.496	0.000
10	27.226	33.464	21.492	0.063
20	27.220	33.463	21.493	0.126
30	27.216	33.467	21.497	0.189
40	27.212	33.474	21.504	0.252
50	27.031	33.585	21.645	0.315
60	23.311	34.489	23.457	0.369
70	22.177	34.536	23.818	0.411
80	18.283	34.673	24.953	0.447
90	16.207	34.742	25.503	0.473
100	14.807	34.760	25.829	0.497
110	14.206	34.747	25.949	0.518
120	13.635	34.753	26.073	0.538
130	13.381	34.767	26.136	0.558
140	13.379	34.812	26.171	0.577
150	13.298	34.875	26.237	0.595
160	13.201	34.889	26.267	0.613
170	13.069	34.883	26.289	0.631
180	12.942	34.871	26.305	0.648
190	12.757	34.851	26.327	0.666
200	12.718	34.844	26.329	0.683
250	12.080	34.803	26.422	0.768
300	11.183	34.752	26.550	0.849
350	10.473	34.731	26.661	0.924
400	9.363	34.678	26.808	0.994
450	8.375	34.636	26.932	1.057
500	7.880	34.622	26.995	1.116
550	7.293	34.598	27.062	1.171
600	7.015	34.594	27.097	1.224
650	6.624	34.581	27.140	1.276
700	6.267	34.574	27.182	1.326
750	5.897	34.566	27.223	1.374
800	5.653	34.564	27.252	1.421
900	5.104	34.566	27.320	1.509
1000	4.650	34.569	27.373	1.593
1500	3.016	34.613	27.575	1.945
2000	2.187	34.645	27.672	2.229
2500	1.680	34.668	27.731	2.475
3000	1.568	34.673	27.743	2.709
3005	1.568	34.673	27.743	2.711

CAST EP4-94-MB -001 LAT 08 08.8N LONG 124 54.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
1007.	4.644	34.565	0.00	4.563	27.380
5.	27.965	34.173	0.00	27.964	21.786
4.	27.965	34.171	0.00	27.964	21.785
10.	27.966	34.169	0.00	27.964	21.784
149.	13.064	34.763	0.00	13.043	26.201
598.	7.595	34.597	0.00	7.535	27.026
798.	6.040	34.560	0.00	5.968	27.209
1004.	4.874	34.558	0.00	4.791	27.349
1004.	4.875	34.559	0.00	4.792	27.349

CAST EP4-94-MB -002 LAT 06 59.9N LONG 124 56.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
2.	27.935	34.388	0.00	27.934	21.958
2.	27.929	34.388	0.00	27.929	21.960
10.	27.911	34.388	0.00	27.909	21.967
149.	12.961	34.799	0.00	12.941	26.250
498.	8.876	34.652	0.00	8.822	26.874
599.	7.595	34.597	0.00	7.535	27.026
799.	5.858	34.561	0.00	5.787	27.232
1008.	4.643	34.565	0.00	4.562	27.380

CAST EP4-94-MB -003 LAT 06 00.0N LONG 124 57.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	27.422	34.560	0.00	27.421	22.253
6.	27.423	34.559	0.00	27.422	22.253
9.	27.406	34.559	0.00	27.404	22.258
499.	8.875	34.648	0.00	8.821	26.871
597.	7.609	34.597	0.00	7.549	27.024
799.	5.764	34.560	0.00	5.694	27.244
1011.	4.743	34.566	0.00	4.661	27.370
1010.	4.744	34.566	0.00	4.662	27.370

CAST EP4-94-MB -004 LAT 05 04.6N LONG 125 01.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	26.720	34.609	0.00	26.719	22.514
4.	26.720	34.609	0.00	26.719	22.514
9.	26.725	34.608	0.00	26.723	22.513
110.	17.259	34.838	0.00	17.241	25.333
149.	14.003	34.943	0.00	13.982	26.148
500.	9.413	34.677	0.00	9.356	26.808
600.	8.150	34.633	0.00	8.087	26.973
799.	6.200	34.566	0.00	6.127	27.194
1001.	4.989	34.565	0.00	4.906	27.341
1000.	4.998	34.563	0.00	4.915	27.339

CAST EP4-94-MB -005 LAT 05 05.3N LONG 124 58.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
497.	9.230	34.672	0.00	9.174	26.834
497.	9.229	34.672	0.00	9.173	26.834
497.	9.231	34.672	0.00	9.175	26.833
498.	9.225	34.671	0.00	9.169	26.834
1007.	4.863	34.567	0.00	4.780	27.358
1007.	4.868	34.566	0.00	4.785	27.356

CAST EP4-94-MB -006 LAT 03 59.9N LONG 125 00.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	26.335	34.636	0.00	26.334	22.656
5.	26.358	34.635	0.00	26.357	22.648
9.	26.339	34.636	0.00	26.337	22.655
149.	14.530	34.945	0.00	14.508	26.038
497.	9.303	34.676	0.00	9.247	26.825
597.	7.858	34.624	0.00	7.797	27.009
797.	5.760	34.556	0.00	5.690	27.241
1002.	4.635	34.566	0.00	4.554	27.382
1001.	4.636	34.568	0.00	4.555	27.383

CAST EP4-94-MB -007 LAT 03 00.2N LONG 125 02.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	24.360	34.840	0.00	24.359	23.415
6.	24.366	34.842	0.00	24.365	23.415
10.	24.363	34.840	0.00	24.361	23.415
149.	14.446	34.948	0.00	14.424	26.058
579.	7.346	34.606	0.00	7.289	27.068
798.	5.572	34.557	0.00	5.503	27.265
998.	4.630	34.565	0.00	4.550	27.381
997.	4.639	34.565	0.00	4.559	27.380

CAST EP4-94-MB -008 LAT 01 58.8N LONG 125 05.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	24.698	34.736	0.00	24.697	23.235
6.	24.706	34.743	0.00	24.705	23.238
9.	24.735	34.735	0.00	24.733	23.224
498.	8.001	34.623	0.00	7.950	26.986
598.	6.875	34.585	0.00	6.818	27.117
799.	5.750	34.564	0.00	5.680	27.248
1007.	4.735	34.566	0.00	4.653	27.371
1007.	4.738	34.580	0.00	4.656	27.382

CAST EP4-94-MB -009 LAT 01 00.1N LONG 124 44.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	24.764	34.646	0.00	24.763	23.147
10.	24.766	34.647	0.00	24.764	23.148
150.	14.582	34.923	0.00	14.560	26.009
498.	8.063	34.631	0.00	8.012	26.982
599.	7.072	34.594	0.00	7.014	27.098
798.	5.631	34.557	0.00	5.562	27.258
1005.	4.545	34.566	0.00	4.465	27.392
1005.	4.545	34.565	0.00	4.465	27.391

CAST EP4-94-MB -010 LAT 00 00.2N LONG 124 28.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
7.	24.489	34.650	0.00	24.488	23.233
119.	17.086	34.851	0.00	17.066	25.385
150.	15.488	34.846	0.00	15.465	25.751
498.	7.909	34.623	0.00	7.858	26.999
597.	7.346	34.607	0.00	7.287	27.069
999.	4.632	34.561	0.00	4.552	27.378
1198.	3.832	34.582	0.00	3.741	27.480
1504.	2.970	34.611	0.00	2.862	27.587

CAST EP4-94-MB -011 LAT 00 14.8S LONG 124 28.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	24.228	34.665	0.00	24.227	23.322
6.	24.230	34.664	0.00	24.229	23.321
10.	24.225	34.665	0.00	24.223	23.323
148.	15.186	34.899	0.00	15.163	25.859
503.	7.903	34.625	0.00	7.852	27.001
500.	7.912	34.627	0.00	7.861	27.002

CAST EP4-94-MB -012 LAT 01 00.1S LONG 124 37.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
7.	23.367	34.865	0.00	23.366	23.727
6.	23.369	34.846	0.00	23.368	23.712
11.	23.369	34.846	0.00	23.367	23.712
148.	16.602	35.279	0.00	16.578	25.830
499.	8.226	34.639	0.00	8.174	26.965
598.	7.432	34.603	0.00	7.373	27.054
789.	5.718	34.556	0.00	5.649	27.246
998.	4.529	34.561	0.00	4.449	27.389
999.	4.526	34.561	0.00	4.446	27.389

CAST EP4-94-MB -013 LAT 02 05.3S LONG 124 54.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	22.898	34.852	0.00	22.897	23.852
6.	22.913	34.852	0.00	22.912	23.848
10.	22.906	34.853	0.00	22.904	23.851
149.	16.314	35.108	0.00	16.290	25.765
497.	8.719	34.676	0.00	8.665	26.918
599.	7.212	34.609	0.00	7.154	27.089
776.	5.646	34.558	0.00	5.579	27.256
999.	4.503	34.558	0.00	4.423	27.390
998.	4.503	34.558	0.00	4.424	27.390

CAST EP4-94-MB -014 LAT 03 00.0S LONG 124 52.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	23.344	34.898	0.00	23.343	23.758
7.	23.348	34.898	0.00	23.347	23.758
8.	23.342	34.898	0.00	23.340	23.760
149.	15.083	35.072	0.00	15.060	26.015
598.	7.230	34.561	0.00	7.172	27.049
798.	5.594	34.559	0.00	5.525	27.263
911.	4.965	34.563	0.00	4.890	27.342
999.	4.587	34.566	0.00	4.507	27.387

CAST EP4-94-MB -015 LAT 04 00.0S LONG 124 52.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	23.923	34.878	0.00	23.922	23.574
5.	23.936	34.879	0.00	23.935	23.571
499.	8.772	34.685	0.00	8.718	26.916
599.	7.326	34.609	0.00	7.267	27.074
798.	5.675	34.556	0.00	5.605	27.252
999.	4.607	34.554	0.00	4.527	27.375
998.	4.608	34.556	0.00	4.528	27.377

CAST EP4-94-MB -016 LAT 04 58.8S LONG 124 54.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	24.656	35.195	0.00	24.655	23.595
10.	24.653	35.193	0.00	24.651	23.595
150.	16.175	35.261	0.00	16.151	25.914
180.	13.357	35.002	0.00	13.332	26.328
499.	8.547	34.668	0.00	8.494	26.939
500.	8.542	34.666	0.00	8.489	26.937
599.	7.443	34.612	0.00	7.384	27.060
599.	7.425	34.612	0.00	7.366	27.062
798.	5.779	34.563	0.00	5.709	27.244
1005.	4.480	34.556	0.00	4.400	27.391
1003.	4.486	34.556	0.00	4.406	27.390

CAST EP4-94-MB -017 LAT 05 59.6S LONG 124 55.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	25.335	35.380	0.00	25.334	23.528
6.	25.340	35.378	0.00	25.339	23.526
10.	25.336	35.378	0.00	25.334	23.527
147.	19.504	35.640	0.00	19.477	25.388
498.	8.498	34.663	0.00	8.445	26.942
597.	7.096	34.584	0.00	7.038	27.086
798.	5.303	34.555	0.00	5.236	27.295
798.	5.300	34.550	0.00	5.233	27.291
998.	4.499	34.555	0.00	4.420	27.388
997.	4.501	34.556	0.00	4.422	27.388

CAST EP4-94-MB -018 LAT 07 00.2S LONG 124 58.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	25.795	35.478	0.00	25.794	23.460
5.	25.783	35.477	0.00	25.782	23.463
150.	18.913	35.547	0.00	18.886	25.470
498.	8.608	34.670	0.00	8.555	26.930
498.	8.605	34.667	0.00	8.552	26.928
598.	7.250	34.595	0.00	7.192	27.074
796.	5.613	34.543	0.00	5.544	27.248
797.	5.605	34.540	0.00	5.536	27.247
1002.	4.341	34.548	0.00	4.262	27.399
1000.	4.346	34.547	0.00	4.268	27.398

CAST EP4-94-MB -019 LAT 07 59.8S LONG 124 59.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
7.	25.874	35.507	0.00	25.872	23.458
9.	25.877	35.506	0.00	25.875	23.456
499.	8.330	34.660	0.00	8.278	26.966
598.	7.309	34.608	0.00	7.250	27.075
782.	5.663	34.547	0.00	5.595	27.245
998.	4.526	34.543	0.00	4.446	27.375
1497.	3.036	34.595	0.00	2.928	27.568
1999.	2.324	34.629	0.00	2.183	27.660
2500.	1.915	34.666	0.00	1.736	27.724
2749.	1.822	34.674	0.00	1.622	27.740
2999.	1.752	34.678	0.00	1.530	27.749

CAST EP4-94-MB -020 LAT 07 59.2S LONG 125 00.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	26.007	35.514	0.00	26.006	23.422
6.	26.007	35.514	0.00	26.006	23.421
10.	26.009	35.512	0.00	26.007	23.419
150.	20.717	35.840	0.00	20.688	25.220
499.	8.248	34.644	0.00	8.196	26.965
499.	8.248	34.645	0.00	8.196	26.966

CAST EP4-94-MB -021 LAT 07 58.4S LONG 125 01.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
5.	25.605	35.293	0.00	25.604	23.379
6.	25.617	35.297	0.00	25.616	23.379
10.	25.585	35.302	0.00	25.583	23.392
149.	21.199	35.906	0.00	21.170	25.139
499.	8.300	34.647	0.00	8.248	26.960

CAST EP4-94-MB -022 LAT 08 00.3S LONG 109 58.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	23.372	35.249	0.00	23.371	24.017
10.	23.335	35.251	0.00	23.333	24.029
83.	21.727	36.028	0.00	21.711	25.082
149.	14.135	34.958	0.00	14.113	26.132
599.	7.055	34.583	0.00	6.997	27.091
599.	7.057	34.586	0.00	6.999	27.093
799.	5.470	34.539	0.00	5.402	27.262
799.	5.469	34.539	0.00	5.401	27.263
1004.	4.478	34.541	0.00	4.398	27.379
1002.	4.480	34.541	0.00	4.400	27.379

CAST EP4-94-MB -023 LAT 07 00.0S LONG 109 58.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	23.079	35.189	0.00	23.078	24.056
7.	23.087	35.188	0.00	23.086	24.053
10.	23.121	35.188	0.00	23.119	24.043
149.	14.256	35.025	0.00	14.234	26.158
483.	8.579	34.666	0.00	8.527	26.931
598.	7.310	34.604	0.00	7.251	27.072
598.	7.303	34.596	0.00	7.244	27.067
799.	5.354	34.541	0.00	5.286	27.278
798.	5.365	34.539	0.00	5.297	27.275
1001.	4.338	34.546	0.00	4.260	27.398
1000.	4.342	34.545	0.00	4.264	27.397

CAST EP4-94-MB -024 LAT 06 00.0S LONG 109 58.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	23.277	35.167	0.00	23.276	23.982
6.	23.276	35.172	0.00	23.275	23.986
149.	13.569	34.968	0.00	13.548	26.258
499.	8.375	34.654	0.00	8.322	26.954
599.	7.198	34.596	0.00	7.140	27.081
598.	7.199	34.594	0.00	7.141	27.080
799.	5.539	34.544	0.00	5.470	27.258
798.	5.516	34.544	0.00	5.447	27.261
998.	4.516	34.546	0.00	4.436	27.379
998.	4.520	34.547	0.00	4.440	27.379

CAST EP4-94-MB -025 LAT 04 58.5S LONG 109 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	23.799	35.342	0.00	23.798	23.962
10.	23.772	35.345	0.00	23.770	23.972
150.	12.751	34.932	0.00	12.731	26.395
500.	8.501	34.661	0.00	8.448	26.940
499.	8.506	34.661	0.00	8.453	26.939
598.	7.417	34.610	0.00	7.358	27.062
598.	7.402	34.604	0.00	7.343	27.059
798.	5.674	34.549	0.00	5.605	27.246
798.	5.675	34.548	0.00	5.606	27.245
1002.	4.499	34.552	0.00	4.419	27.386
1000.	4.510	34.553	0.00	4.430	27.385

CAST EP4-94-MB -026 LAT 03 59.7S LONG 109 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	23.979	35.532	0.00	23.978	24.053
10.	23.994	35.520	0.00	23.992	24.040
149.	12.929	34.923	0.00	12.909	26.352
498.	8.019	34.648	0.00	7.968	27.003
600.	7.070	34.604	0.00	7.012	27.106
598.	7.073	34.603	0.00	7.015	27.104
799.	5.365	34.556	0.00	5.297	27.289
1006.	4.333	34.556	0.00	4.254	27.406

CAST EP4-94-MB -027 LAT 03 00.1S LONG 109 58.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
8.	22.724	34.887	0.00	22.722	23.929
8.	22.723	34.887	0.00	22.721	23.929
9.	22.723	34.887	0.00	22.721	23.929
148.	13.233	34.940	0.00	13.213	26.304
499.	7.824	34.633	0.00	7.773	27.019
598.	7.077	34.599	0.00	7.019	27.100
796.	5.487	34.561	0.00	5.419	27.278
1005.	4.590	34.576	0.00	4.509	27.394

CAST EP4-94-MB -028 LAT 02 00.4S LONG 109 59.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
7.	22.271	34.874	0.00	22.270	24.048
7.	22.276	34.875	0.00	22.275	24.047
10.	22.267	34.926	0.00	22.265	24.089
499.	7.870	34.632	0.00	7.819	27.012
499.	7.864	34.644	0.00	7.813	27.022
599.	6.937	34.597	0.00	6.880	27.118
598.	6.938	34.597	0.00	6.881	27.118
799.	5.455	34.562	0.00	5.387	27.283
799.	5.456	34.560	0.00	5.388	27.281
1000.	4.624	34.569	0.00	4.543	27.385
1002.	4.593	34.569	0.00	4.512	27.389

CAST EP4-94-MB -029 LAT 00 59.6S LONG 110 00.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
6.	22.277	34.927	0.00	22.276	24.086
10.	21.946	34.922	0.00	21.944	24.176
150.	13.232	34.937	0.00	13.211	26.302
499.	8.383	34.653	0.00	8.330	26.951
499.	8.377	34.651	0.00	8.324	26.951
598.	7.126	34.592	0.00	7.068	27.088
598.	7.127	34.594	0.00	7.069	27.089
798.	5.568	34.557	0.00	5.499	27.265
798.	5.562	34.556	0.00	5.493	27.265
997.	4.542	34.566	0.00	4.462	27.392
998.	4.536	34.567	0.00	4.456	27.393

CAST EP4-94-MB -030 LAT 00 00.8N LONG 109 59.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	21.969	34.883	0.00	21.967	24.139
148.	14.167	34.973	0.00	14.146	26.136
498.	8.216	34.638	0.00	8.164	26.965
798.	5.559	34.562	0.00	5.490	27.270
998.	4.366	34.572	0.00	4.288	27.416
1496.	2.940	34.615	0.00	2.833	27.593
1997.	2.189	34.649	0.00	2.050	27.687
2249.	2.006	34.663	0.00	1.848	27.713
2499.	1.841	34.666	0.00	1.664	27.730
2750.	1.747	34.678	0.00	1.549	27.748
3006.	1.661	34.685	0.00	1.440	27.761
3007.	1.661	34.682	0.00	1.440	27.759

CAST EP4-94-MB -031 LAT 00 00.1N LONG 110 02.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
7.	23.539	34.616	0.00	23.538	23.488
10.	23.536	34.611	0.00	23.534	23.485
60.	21.715	34.848	0.00	21.703	24.187
149.	14.798	34.950	0.00	14.776	25.983
499.	8.015	34.636	0.00	7.964	26.994
598.	6.850	34.591	0.00	6.793	27.125
799.	5.359	34.559	0.00	5.291	27.292
1008.	4.243	34.572	0.00	4.165	27.429
1008.	4.244	34.573	0.00	4.166	27.429

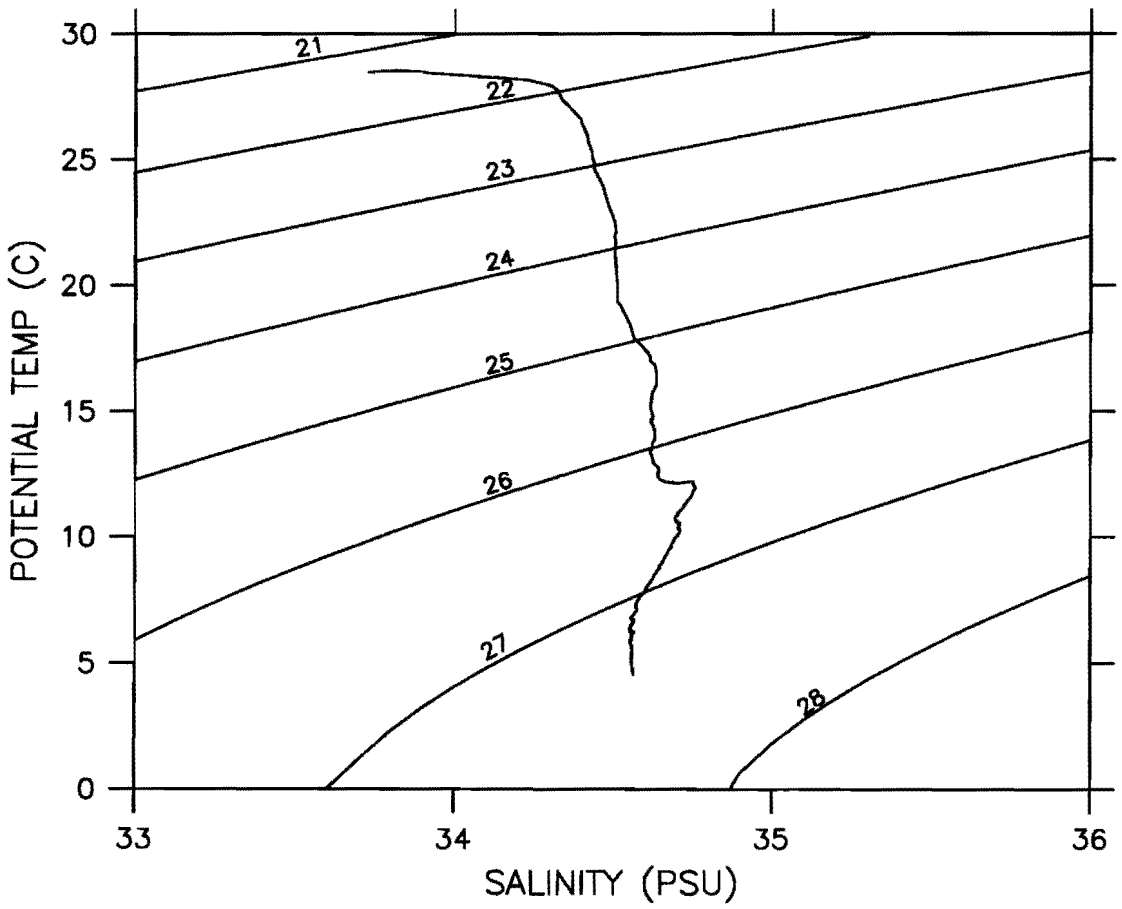
CAST EP4-94-MB -032 LAT 05 01.8N LONG 094 58.9W

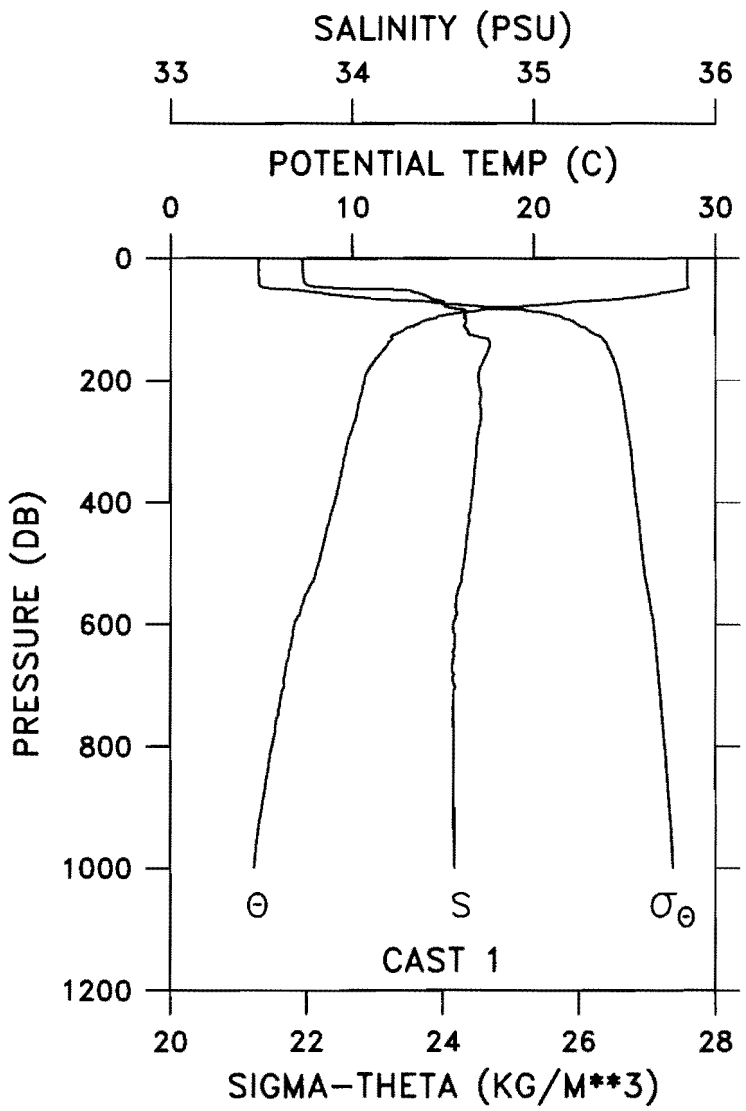
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
798.	5.705	34.564	0.00	5.635	27.254
797.	5.712	34.570	0.00	5.642	27.258
998.	4.765	34.575	0.00	4.683	27.374
998.	4.771	34.576	0.00	4.690	27.374
1997.	2.310	34.650	0.00	2.169	27.677
2494.	1.852	34.667	0.00	1.675	27.730
2498.	1.848	34.675	0.00	1.671	27.737
2745.	1.806	34.676	0.00	1.607	27.742
2999.	1.791	34.678	0.00	1.568	27.747
3002.	1.791	34.678	0.00	1.568	27.747

TG2-94-DI
October 4-27, 1994
CTD and Hydrographic Data Summary

CAST TG2-94-DI -001 DATE 08 OCT 94 TIME 2020 GMT

LAT 08 59.0N LONG 140 14.1W



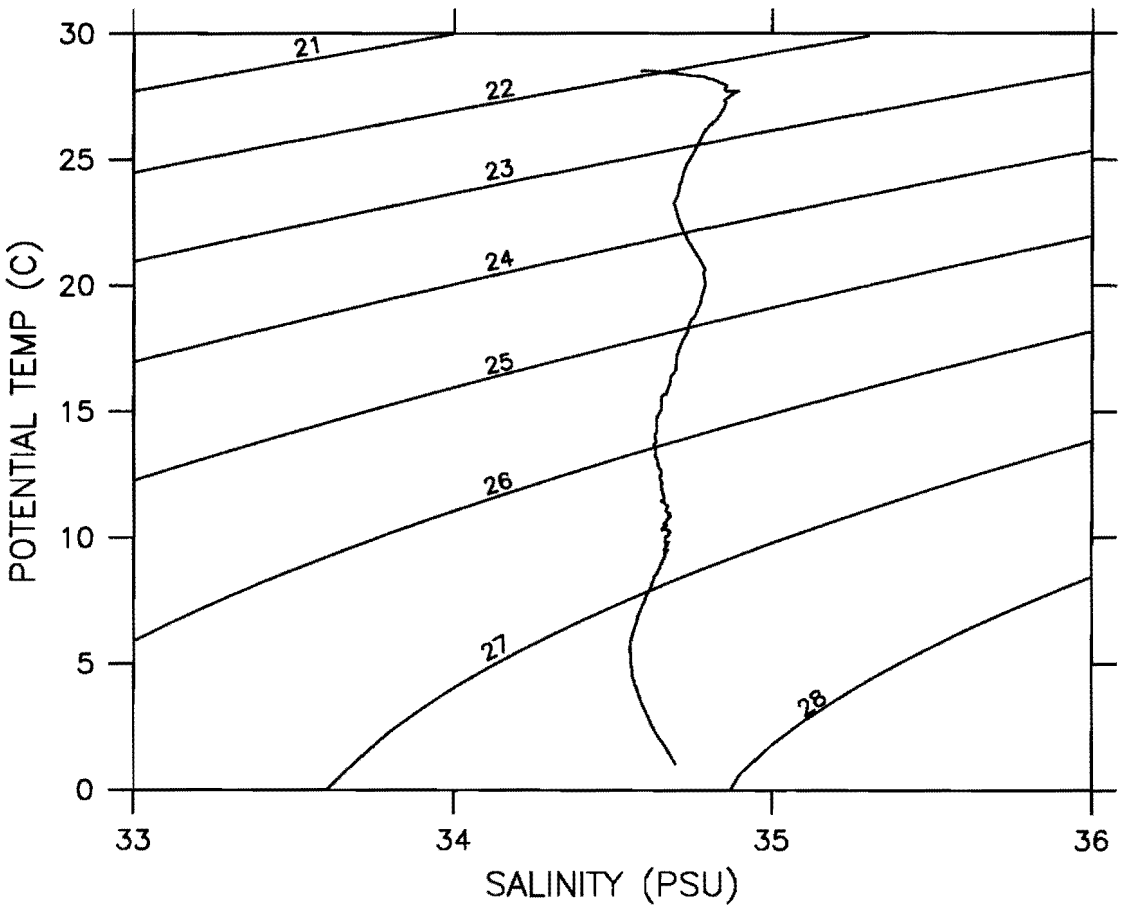


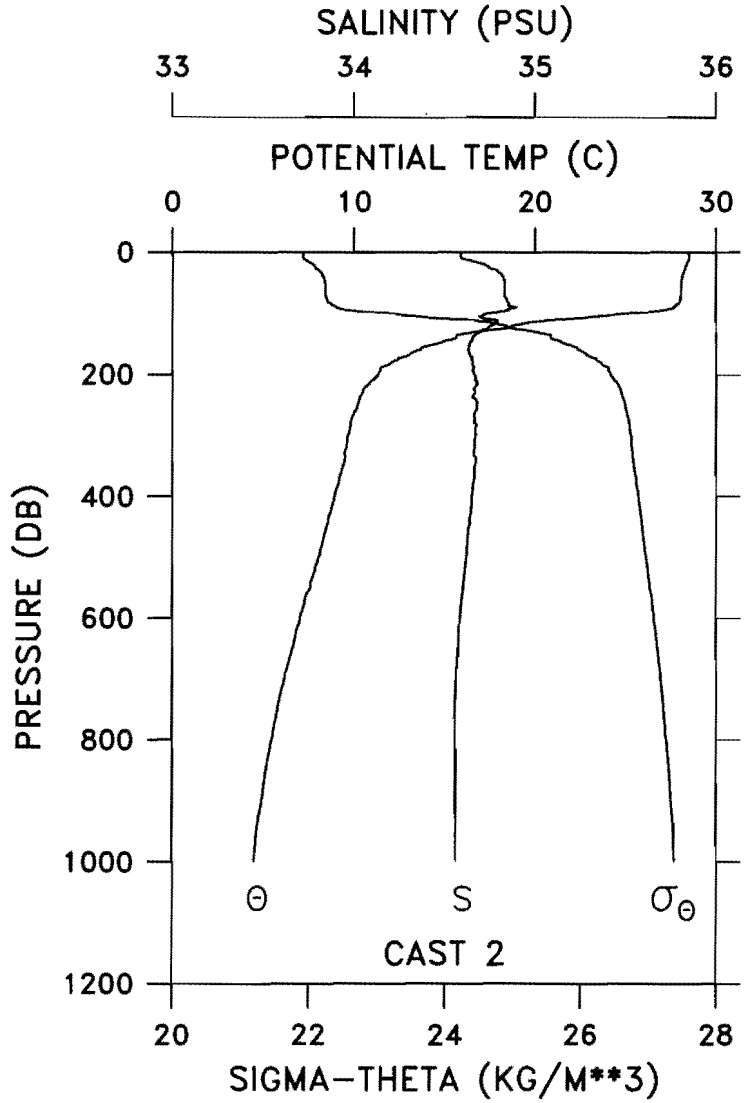
CAST TG2-94-DI -001 DATE 08 OCT 94 TIME 2020 GMT
LAT 08 59.0N LONG 140 14.1W WEATHER 6 SEA STATE 3
BAROMETER 14 WIND DIR 340 T SPD 04 KT VISIBILITY 7
CLOUD 7 AMOUNT 8 DRY 25.5 WET 24.4 DEPTH 4852 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.466	33.726	21.287	0.000
10	28.465	33.729	21.289	0.065
20	28.465	33.730	21.290	0.130
30	28.466	33.731	21.291	0.195
40	28.473	33.738	21.294	0.260
50	28.340	34.027	21.555	0.325
60	26.447	34.397	22.441	0.382
70	22.500	34.503	23.701	0.432
80	18.893	34.533	24.692	0.469
90	15.721	34.622	25.521	0.497
100	14.221	34.629	25.854	0.520
110	13.423	34.615	26.010	0.541
120	12.701	34.642	26.176	0.560
130	12.179	34.731	26.346	0.578
140	11.960	34.760	26.411	0.595
150	11.697	34.750	26.453	0.611
160	11.426	34.735	26.492	0.627
170	11.162	34.721	26.529	0.643
180	10.960	34.703	26.552	0.658
190	10.759	34.695	26.581	0.673
200	10.675	34.696	26.598	0.688
250	10.265	34.711	26.681	0.760
300	9.760	34.687	26.749	0.829
350	9.409	34.672	26.795	0.896
400	9.053	34.656	26.841	0.961
450	8.577	34.635	26.899	1.024
500	8.148	34.615	26.949	1.084
550	7.471	34.578	27.020	1.142
600	6.823	34.557	27.095	1.197
650	6.515	34.561	27.139	1.249
700	6.239	34.564	27.178	1.299
750	5.896	34.557	27.216	1.347
800	5.562	34.559	27.259	1.393
900	5.018	34.558	27.323	1.481
1000	4.565	34.565	27.380	1.563
1003	4.541	34.564	27.382	1.566

CAST TG2-94-DI -002 DATE 09 OCT 94 TIME 1256 GMT

LAT 05 03.6N LONG 139 59.9W



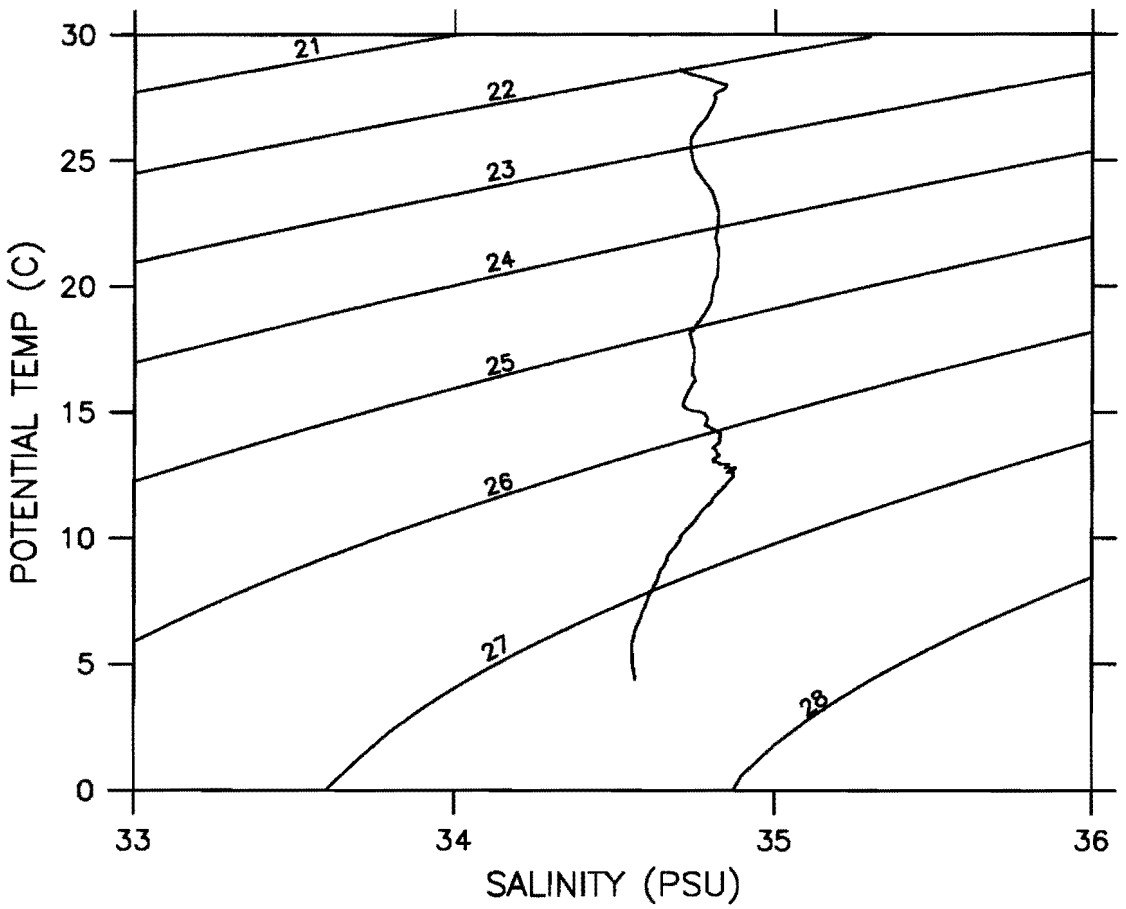


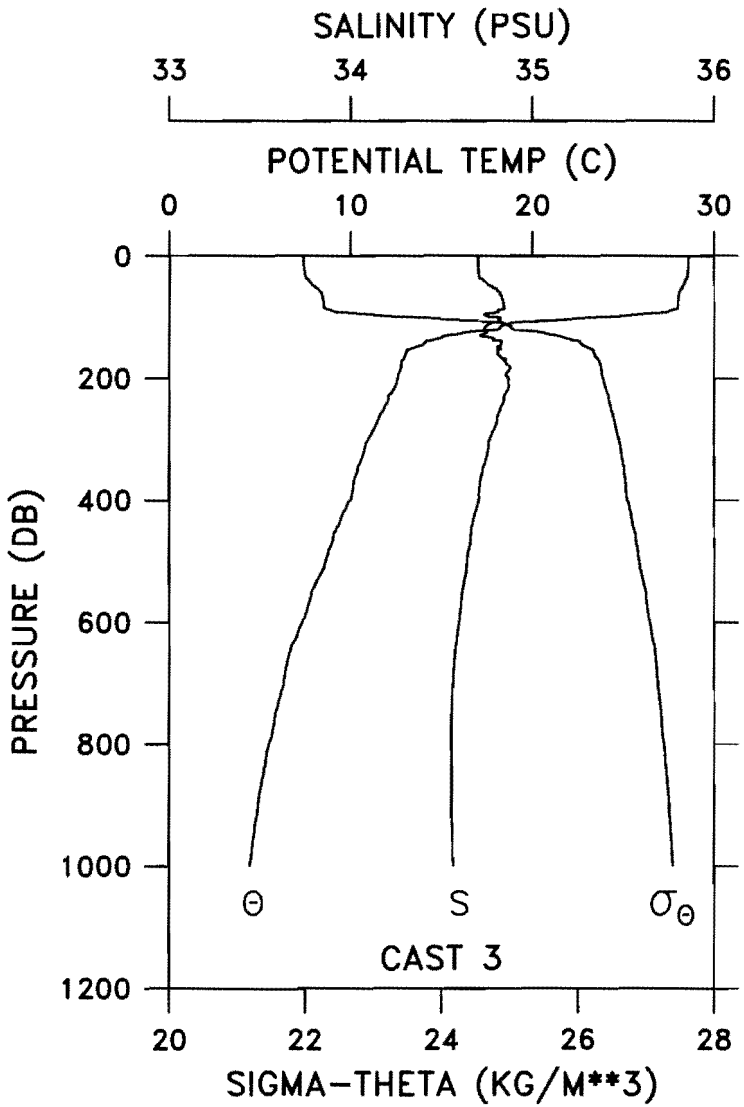
CAST TG2-94-DI -002 DATE 09 OCT 94 TIME 1256 GMT
LAT 05 03.6N LONG 139 59.9W WEATHER 5 SEA STATE 3
BAROMETER 10 WIND DIR 220 T SPD 12 KT VISIBILITY
CLOUD 8 AMOUNT 6 DRY 26.5 WET 24.5 DEPTH 4213 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.503	34.591	21.925	0.000
10	28.507	34.595	21.926	0.059
20	28.368	34.722	22.067	0.117
30	28.251	34.791	22.157	0.174
40	28.120	34.823	22.225	0.231
50	28.078	34.831	22.244	0.287
60	28.072	34.831	22.247	0.343
70	28.061	34.830	22.249	0.399
80	28.007	34.845	22.278	0.455
90	27.714	34.896	22.412	0.510
100	24.779	34.731	23.207	0.562
110	21.043	34.772	24.310	0.605
120	18.722	34.755	24.906	0.638
130	16.667	34.698	25.362	0.667
140	15.633	34.656	25.567	0.692
150	14.531	34.639	25.796	0.716
160	13.566	34.633	25.995	0.737
170	12.893	34.642	26.138	0.757
180	12.083	34.654	26.305	0.775
190	11.478	34.659	26.423	0.792
200	11.353	34.663	26.449	0.808
250	10.190	34.678	26.668	0.883
300	9.657	34.670	26.753	0.952
350	9.398	34.667	26.793	1.019
400	8.931	34.651	26.856	1.084
450	8.485	34.633	26.912	1.146
500	8.070	34.621	26.966	1.206
550	7.595	34.602	27.021	1.263
600	7.030	34.584	27.087	1.318
650	6.606	34.575	27.138	1.370
700	6.182	34.563	27.184	1.420
750	5.811	34.556	27.226	1.468
800	5.464	34.556	27.269	1.514
900	4.938	34.559	27.333	1.601
1000	4.499	34.563	27.385	1.682
1500	3.040	34.606	27.567	2.032
2000	2.156	34.642	27.672	2.315
2500	1.709	34.667	27.727	2.560
3000	1.502	34.677	27.750	2.795
3500	1.230	34.689	27.780	3.019
4000	1.080	34.696	27.796	3.235
4274	1.044	34.697	27.799	3.352

CAST TG2-94-DI -003 DATE 10 OCT 94 TIME 0833 GMT

LAT 04 00.1N LONG 140 00.0W



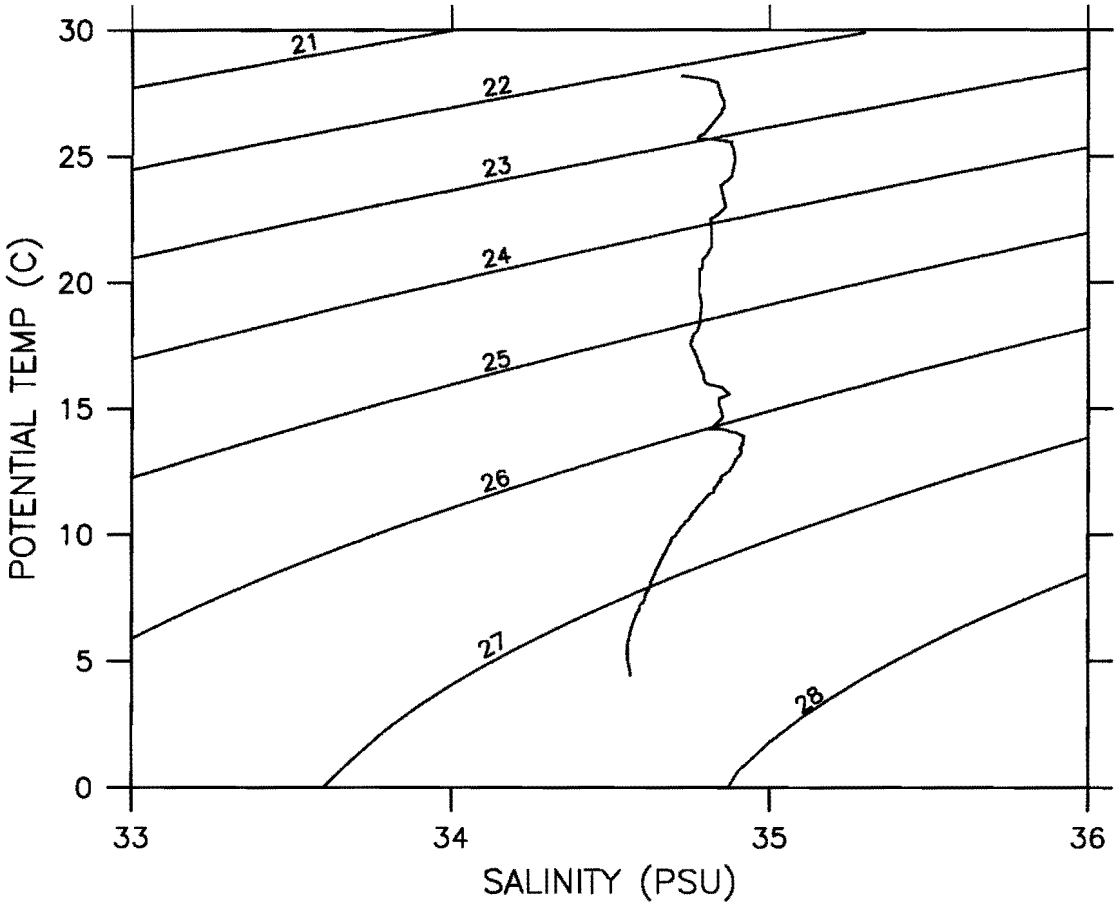


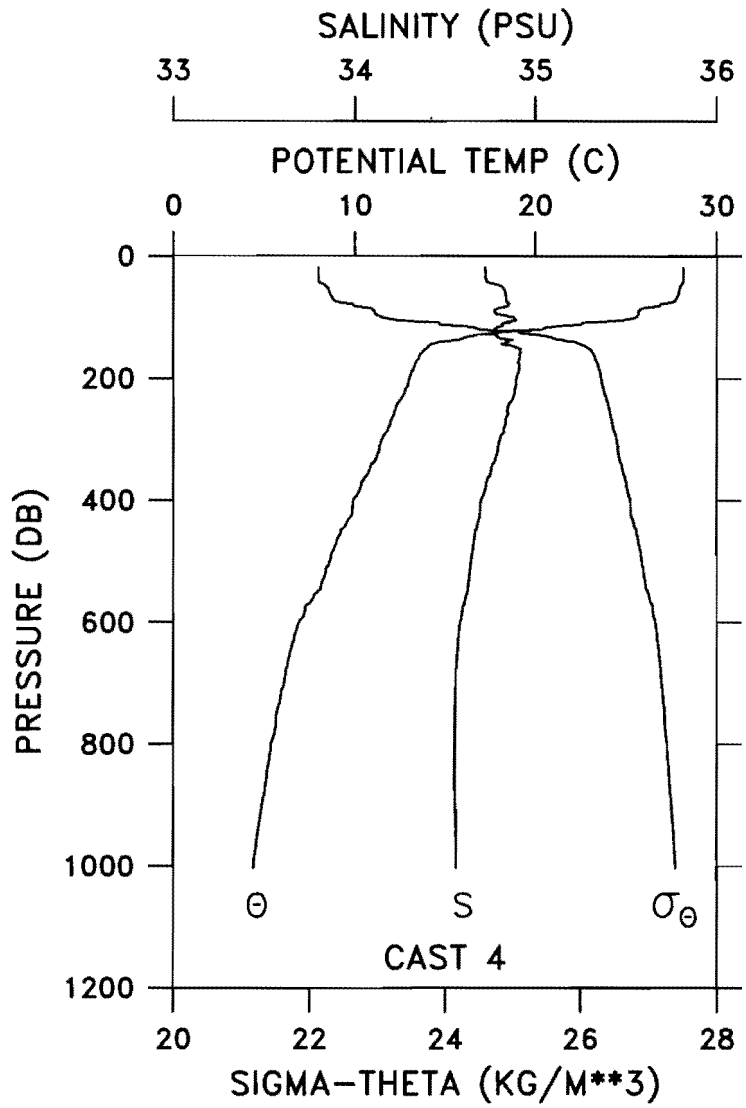
CAST TG2-94-DI -003 DATE 10 OCT 94 TIME 0833 GMT
LAT 04 00.1N LONG 140 00.0W WEATHER 5 SEA STATE 3
BAROMETER 10 WIND DIR 155 T SPD 18 KT VISIBILITY 7
CLOUD 7 AMOUNT 7 DRY 27.8 WET 25.0 DEPTH 4349 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.595	34.702	21.978	0.000
10	28.592	34.701	21.977	0.058
20	28.578	34.703	21.983	0.117
30	28.547	34.705	21.996	0.175
40	28.405	34.736	22.065	0.233
50	28.258	34.778	22.145	0.291
60	28.064	34.823	22.243	0.347
70	28.033	34.832	22.260	0.403
80	28.014	34.842	22.273	0.459
90	27.525	34.811	22.409	0.515
100	23.725	34.804	23.576	0.565
110	18.740	34.769	24.912	0.601
120	18.105	34.733	25.043	0.631
130	15.272	34.711	25.690	0.657
140	14.140	34.828	26.025	0.679
150	13.529	34.814	26.142	0.698
160	13.031	34.809	26.239	0.717
170	12.904	34.852	26.298	0.735
180	12.802	34.874	26.335	0.752
190	12.702	34.864	26.347	0.769
200	12.609	34.869	26.370	0.787
250	11.844	34.824	26.483	0.869
300	10.960	34.765	26.600	0.947
350	10.374	34.726	26.674	1.020
400	9.991	34.705	26.723	1.091
450	9.188	34.664	26.825	1.159
500	8.630	34.642	26.897	1.222
550	7.842	34.614	26.995	1.283
600	7.333	34.596	27.054	1.339
650	6.628	34.576	27.136	1.392
700	6.299	34.564	27.170	1.443
750	5.849	34.556	27.221	1.491
800	5.490	34.554	27.264	1.538
900	4.897	34.558	27.336	1.624
1000	4.442	34.565	27.393	1.705
1010	4.406	34.564	27.396	1.713

CAST TG2-94-DI -004 DATE 10 OCT 94 TIME 1346 GMT

LAT 02 59.8N LONG 140 00.1W



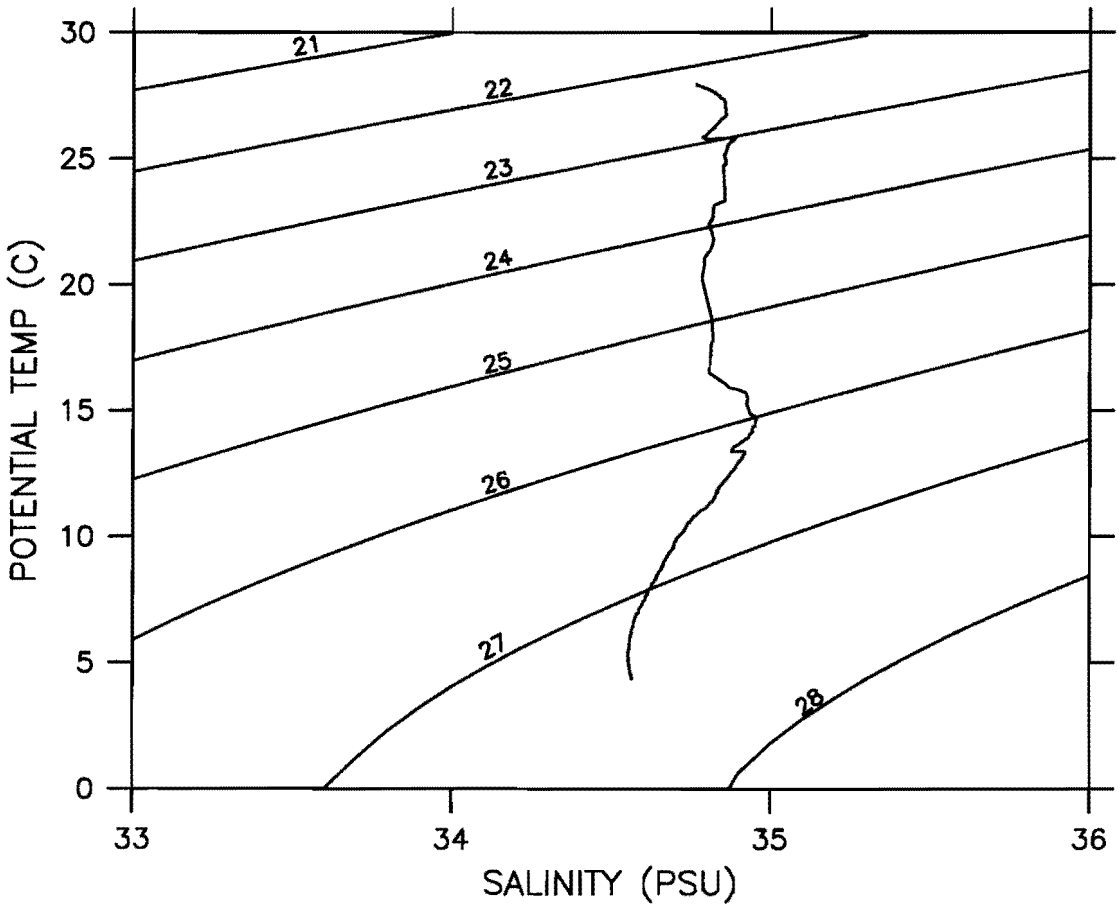


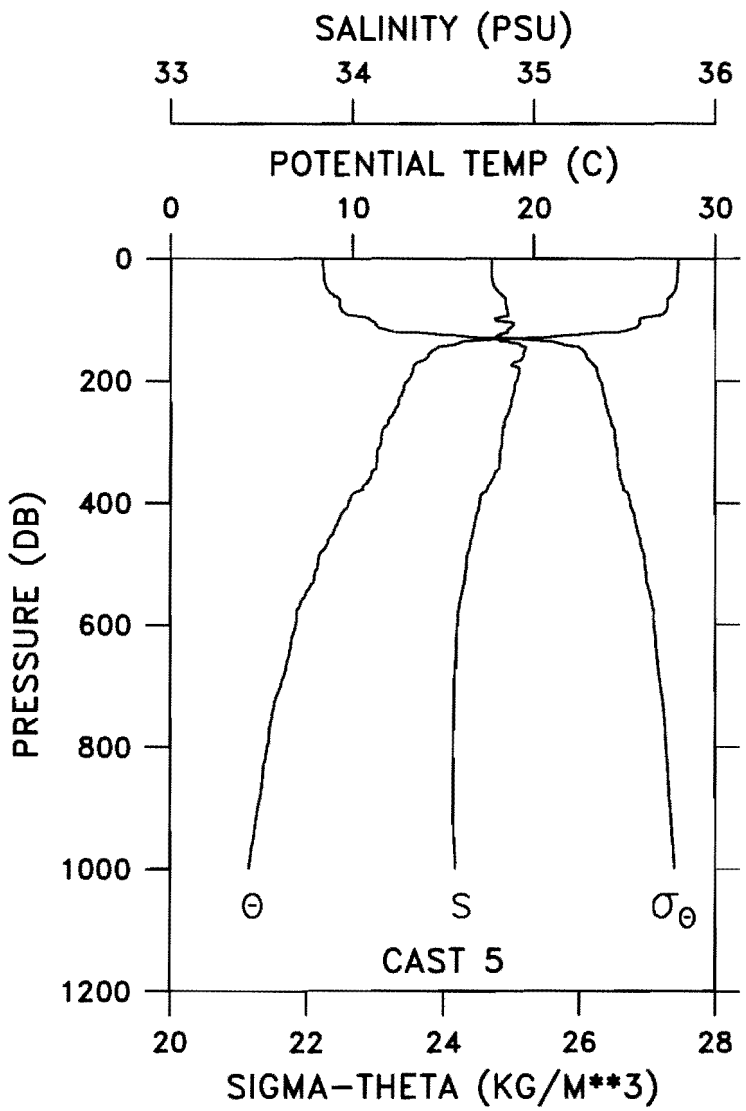
CAST TG2-94-DI -004 DATE 10 OCT 94 TIME 1346 GMT
LAT 02 59.8N LONG 140 00.1W WEATHER 0 SEA STATE 4
BAROMETER 09 WIND DIR 155 T SPD 17 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 27.0 WET 23.0 DEPTH 4301 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
19	28.170	34.722	22.133	0.000
20	28.171	34.723	22.132	0.006
21	28.171	34.723	22.132	0.011
30	28.175	34.724	22.132	0.063
40	28.174	34.729	22.136	0.120
50	28.003	34.816	22.258	0.176
60	27.920	34.835	22.298	0.232
70	27.778	34.837	22.347	0.287
80	26.890	34.851	22.643	0.341
90	25.698	34.773	22.958	0.392
100	25.579	34.881	23.076	0.441
110	22.564	34.821	23.924	0.485
120	20.267	34.779	24.524	0.523
130	16.545	34.785	25.458	0.552
140	14.690	34.851	25.925	0.576
150	14.017	34.900	26.107	0.596
160	13.640	34.914	26.196	0.615
170	13.477	34.909	26.226	0.633
180	13.314	34.911	26.261	0.651
190	13.150	34.906	26.291	0.669
200	13.038	34.895	26.305	0.687
250	12.277	34.847	26.418	0.773
300	11.510	34.803	26.529	0.854
350	10.816	34.755	26.619	0.931
400	9.920	34.699	26.731	1.003
450	9.225	34.667	26.821	1.072
500	8.614	34.644	26.901	1.136
550	7.937	34.623	26.988	1.196
600	6.933	34.585	27.101	1.251
650	6.424	34.568	27.156	1.302
700	6.105	34.560	27.192	1.352
750	5.693	34.555	27.240	1.399
800	5.386	34.553	27.276	1.445
900	4.893	34.556	27.336	1.532
1000	4.435	34.562	27.392	1.612
1003	4.424	34.562	27.393	1.615

CAST TG2-94-DI -005 DATE 10 OCT 94 TIME 1959 GMT

LAT 01 57.6N LONG 140 00.2W



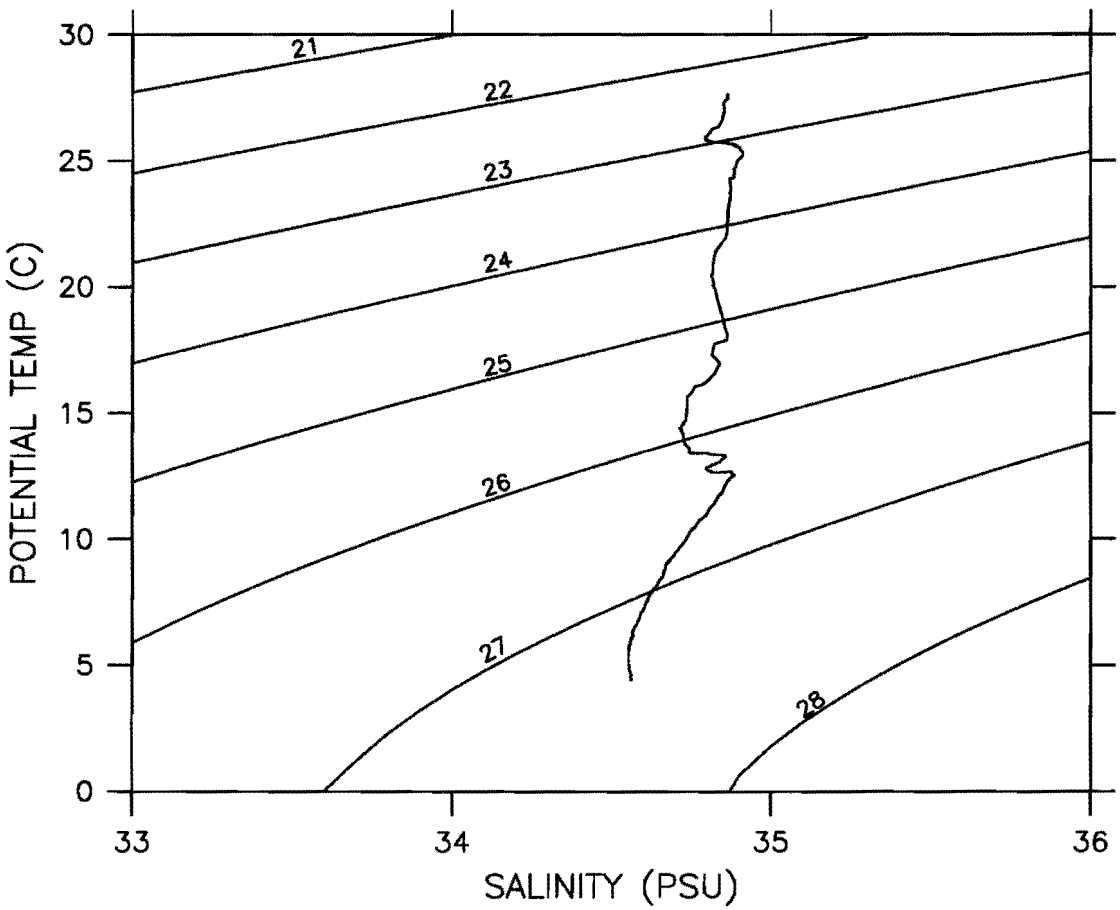


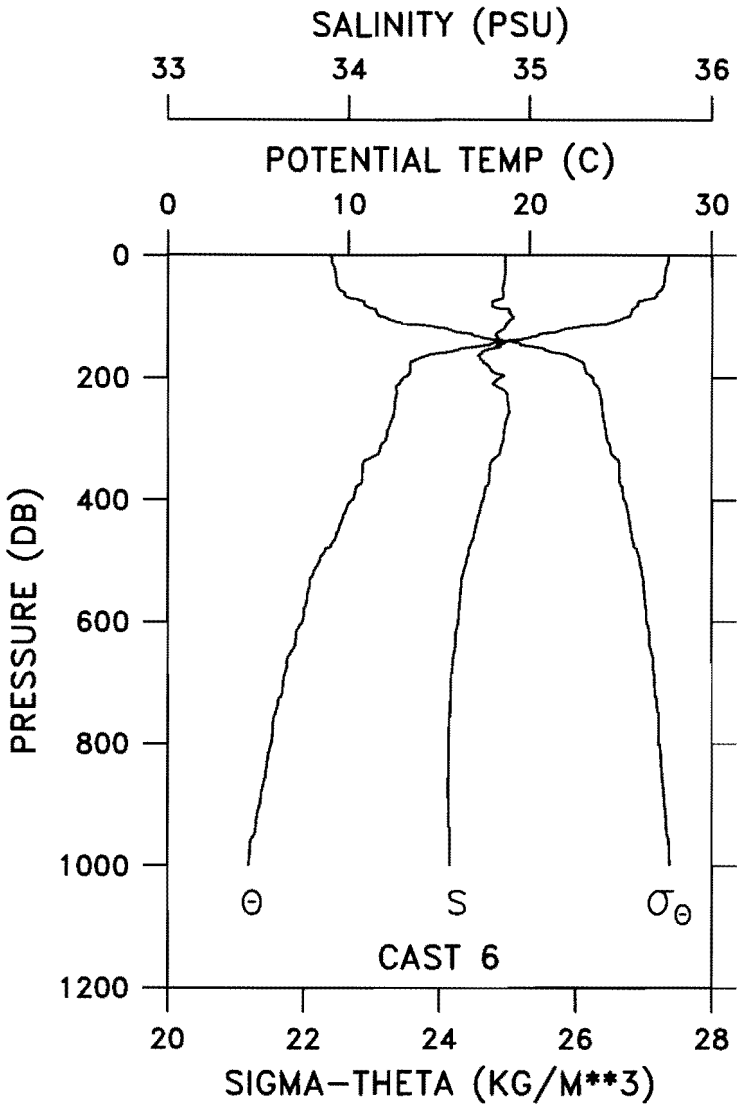
CAST TG2-94-DI -005 DATE 10 OCT 94 TIME 1959 GMT
LAT 01 57.6N LONG 140 00.2W WEATHER 1 SEA STATE 3
BAROMETER 11 WIND DIR 145 T SPD 18 KT VISIBILITY 9
CLOUD 6 AMOUNT 6 DRY 28.0 WET 24.0 DEPTH 4373 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.968	34.766	22.232	0.000
10	27.968	34.766	22.231	0.056
20	27.928	34.765	22.244	0.112
30	27.915	34.766	22.249	0.168
40	27.885	34.774	22.264	0.224
50	27.815	34.789	22.299	0.279
60	27.610	34.822	22.390	0.334
70	27.381	34.842	22.479	0.388
80	27.359	34.850	22.492	0.442
90	27.136	34.854	22.567	0.496
100	25.808	34.786	22.934	0.547
110	25.738	34.883	23.028	0.596
120	24.694	34.849	23.322	0.644
130	18.633	34.814	24.973	0.682
140	15.653	34.924	25.769	0.707
150	14.384	34.951	26.069	0.728
160	14.167	34.943	26.109	0.748
170	13.573	34.887	26.189	0.767
180	13.333	34.920	26.264	0.785
190	13.243	34.915	26.278	0.803
200	13.041	34.905	26.312	0.821
250	12.314	34.862	26.422	0.906
300	11.576	34.824	26.533	0.986
350	11.066	34.785	26.597	1.064
400	9.787	34.698	26.753	1.136
450	8.943	34.662	26.863	1.202
500	8.111	34.627	26.964	1.263
550	7.437	34.600	27.042	1.320
600	6.889	34.577	27.101	1.373
650	6.522	34.568	27.144	1.425
700	6.083	34.559	27.194	1.474
750	5.598	34.555	27.251	1.521
800	5.327	34.552	27.282	1.566
900	4.827	34.556	27.343	1.652
1000	4.343	34.565	27.404	1.732
1004	4.334	34.563	27.404	1.735

CAST TG2-94-DI -006 DATE 11 OCT 94 TIME 0045 GMT

LAT 01 00.2N LONG 140 00.2W



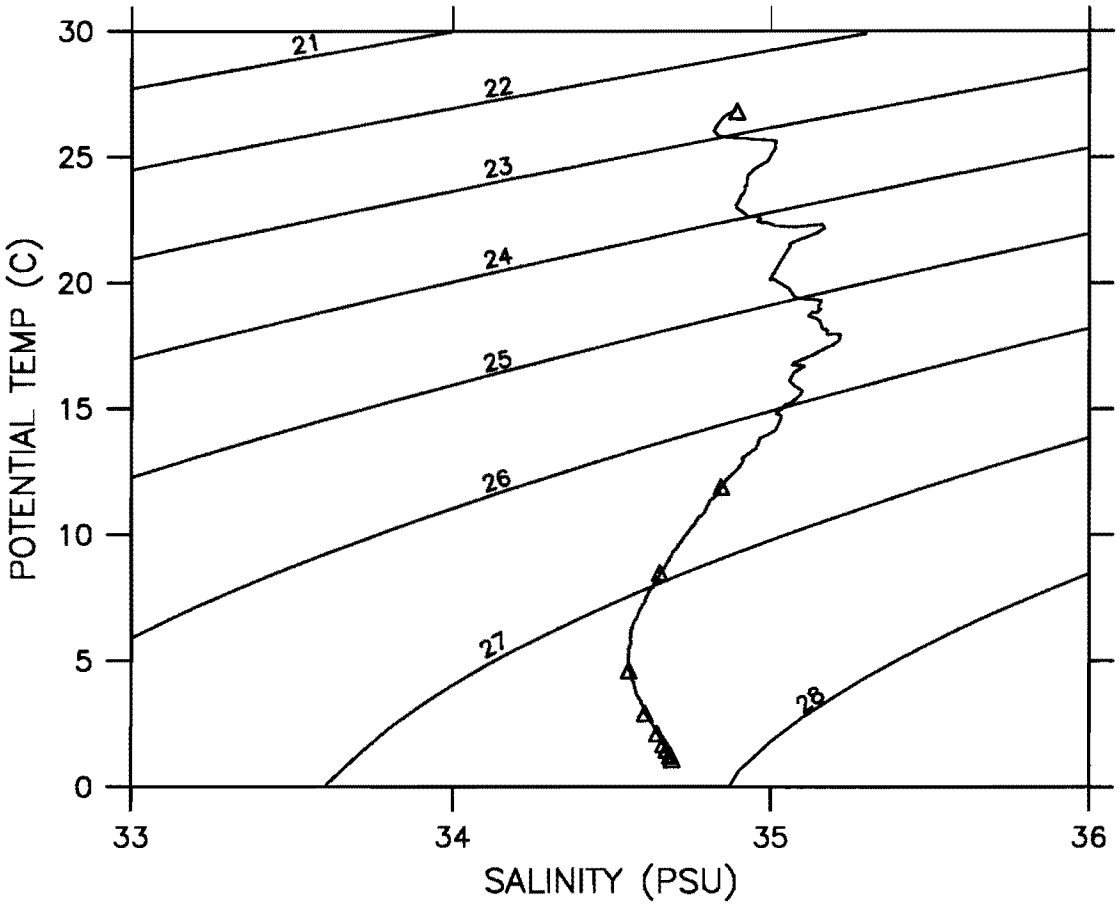


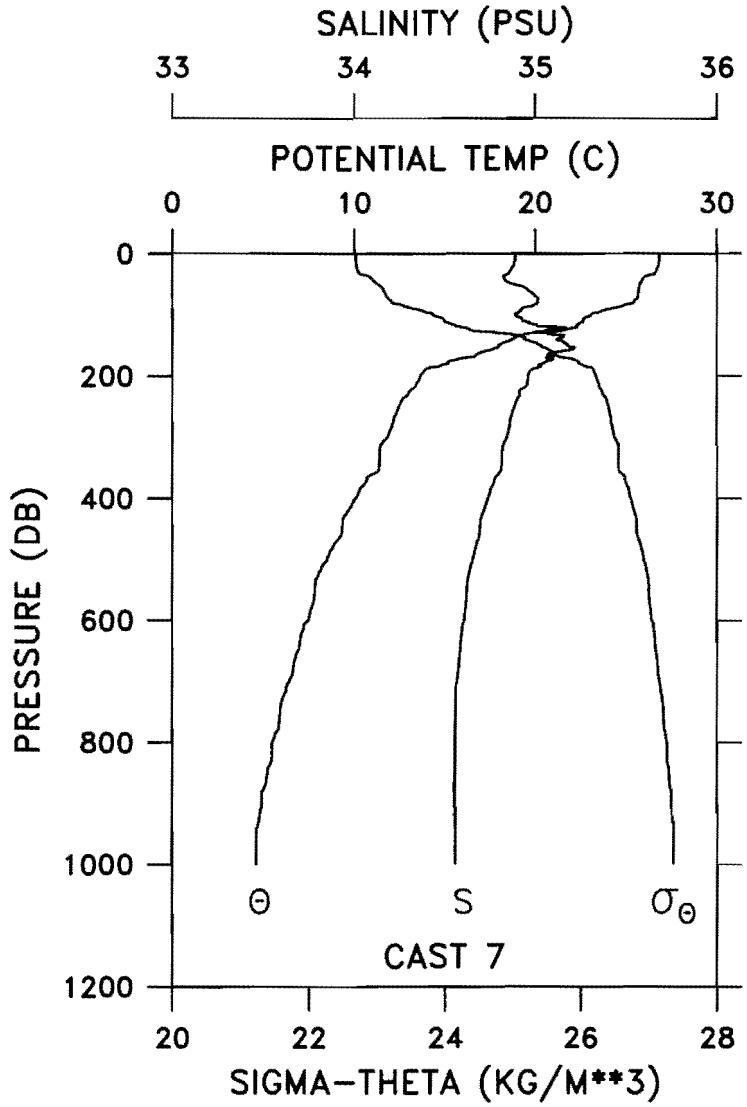
CAST TG2-94-DI -006 DATE 11 OCT 94 TIME 0045 GMT
LAT 01 00.2N LONG 140 00.2W WEATHER SEA STATE
BAROMETER WIND DIR T SPD KT VISIBILITY
CLOUD AMOUNT DRY WET DEPTH M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.625	34.865	22.417	0.000
10	27.614	34.862	22.419	0.054
20	27.499	34.864	22.457	0.108
30	27.452	34.864	22.472	0.162
40	27.409	34.859	22.483	0.216
50	27.334	34.853	22.502	0.269
60	27.049	34.853	22.593	0.323
70	26.799	34.849	22.670	0.375
80	25.939	34.793	22.898	0.425
90	25.600	34.886	23.073	0.475
100	25.461	34.901	23.127	0.523
110	24.502	34.884	23.406	0.569
120	21.940	34.857	24.127	0.611
130	20.484	34.812	24.492	0.648
140	18.718	34.848	24.978	0.681
150	16.966	34.838	25.399	0.709
160	15.043	34.734	25.759	0.734
170	13.798	34.729	26.021	0.755
180	13.406	34.770	26.133	0.774
190	13.414	34.793	26.149	0.794
200	13.050	34.837	26.257	0.812
250	12.552	34.882	26.391	0.899
300	12.104	34.855	26.457	0.983
350	10.778	34.778	26.643	1.060
400	10.219	34.742	26.713	1.133
450	9.454	34.698	26.808	1.201
500	8.410	34.651	26.938	1.264
550	7.780	34.619	27.007	1.322
600	7.442	34.605	27.045	1.379
650	6.805	34.584	27.118	1.432
700	6.373	34.565	27.161	1.483
750	5.940	34.559	27.212	1.532
800	5.713	34.554	27.236	1.579
900	5.085	34.552	27.310	1.669
1000	4.454	34.561	27.389	1.751
1002	4.421	34.560	27.392	1.753

CAST TG2-94-DI -007 DATE 11 OCT 94 TIME 0606 GMT

LAT 00 05.2N LONG 139 57.9W



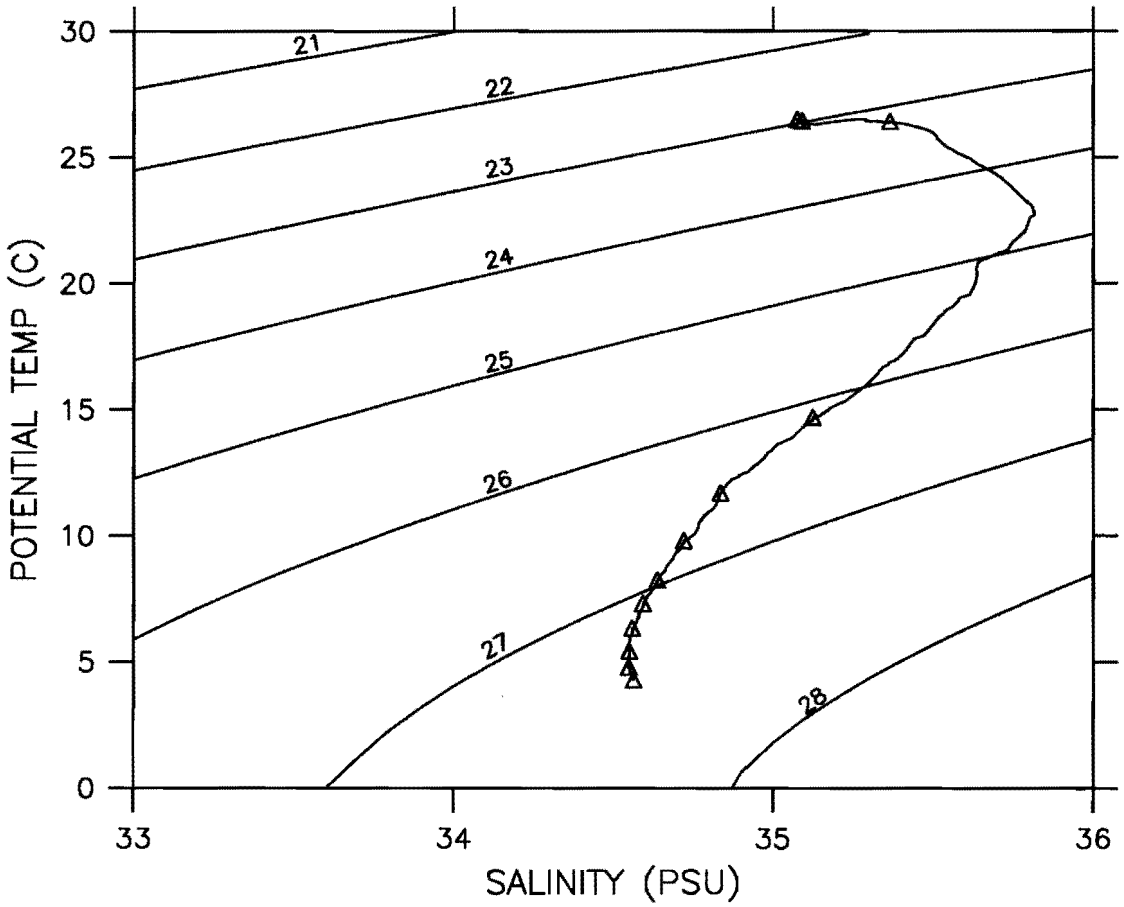


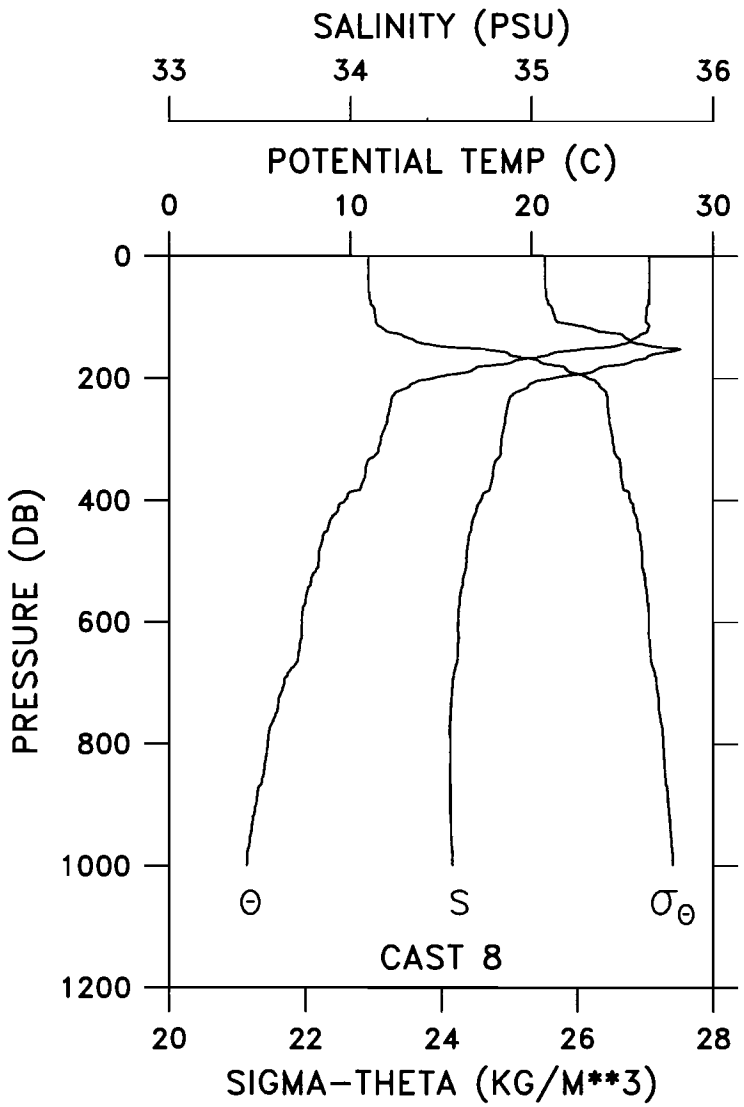
CAST TG2-94-DI -007 DATE 11 OCT 94 TIME 0606 GMT
LAT 00 05.2N LONG 139 57.9W WEATHER 1 SEA STATE 3
BAROMETER 11 WIND DIR 105 T SPD 13 KT VISIBILITY 8
CLOUD 6 AMOUNT 5 DRY 26.8 WET 23.4 DEPTH 4316 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.829	34.890	22.691	0.000
10	26.828	34.888	22.690	0.052
20	26.781	34.879	22.698	0.103
30	26.624	34.856	22.731	0.154
40	25.931	34.828	22.927	0.205
50	25.757	34.881	23.021	0.254
60	25.684	34.961	23.104	0.302
70	25.648	35.005	23.148	0.350
80	25.395	35.014	23.233	0.397
90	24.123	34.925	23.550	0.442
100	23.087	34.891	23.827	0.484
110	22.638	34.929	23.985	0.524
120	22.324	35.162	24.251	0.563
130	19.779	35.056	24.864	0.598
140	18.698	35.119	25.190	0.627
150	17.953	35.175	25.419	0.654
160	17.150	35.133	25.582	0.679
170	16.107	35.058	25.769	0.703
180	15.033	35.036	25.994	0.724
190	13.908	34.979	26.191	0.744
200	13.661	34.959	26.227	0.762
250	12.472	34.885	26.409	0.850
300	11.844	34.844	26.498	0.932
350	11.386	34.812	26.559	1.010
400	10.084	34.738	26.733	1.083
450	9.342	34.694	26.823	1.150
500	8.513	34.654	26.925	1.214
550	7.841	34.621	27.000	1.272
600	7.464	34.606	27.043	1.329
650	6.891	34.584	27.106	1.383
700	6.418	34.565	27.155	1.434
750	5.909	34.556	27.214	1.483
800	5.466	34.552	27.265	1.530
900	4.898	34.551	27.331	1.617
1000	4.583	34.556	27.371	1.699
1500	2.921	34.606	27.578	2.048
2000	2.097	34.646	27.680	2.327
2500	1.685	34.667	27.729	2.571
3000	1.478	34.676	27.752	2.803
3500	1.248	34.688	27.778	3.029
4000	1.094	34.697	27.795	3.245
4005	1.094	34.696	27.795	3.247

CAST TG2-94-DI -008 DATE 12 OCT 94 TIME 1251 GMT

LAT 00 59.9S LONG 140 00.0W



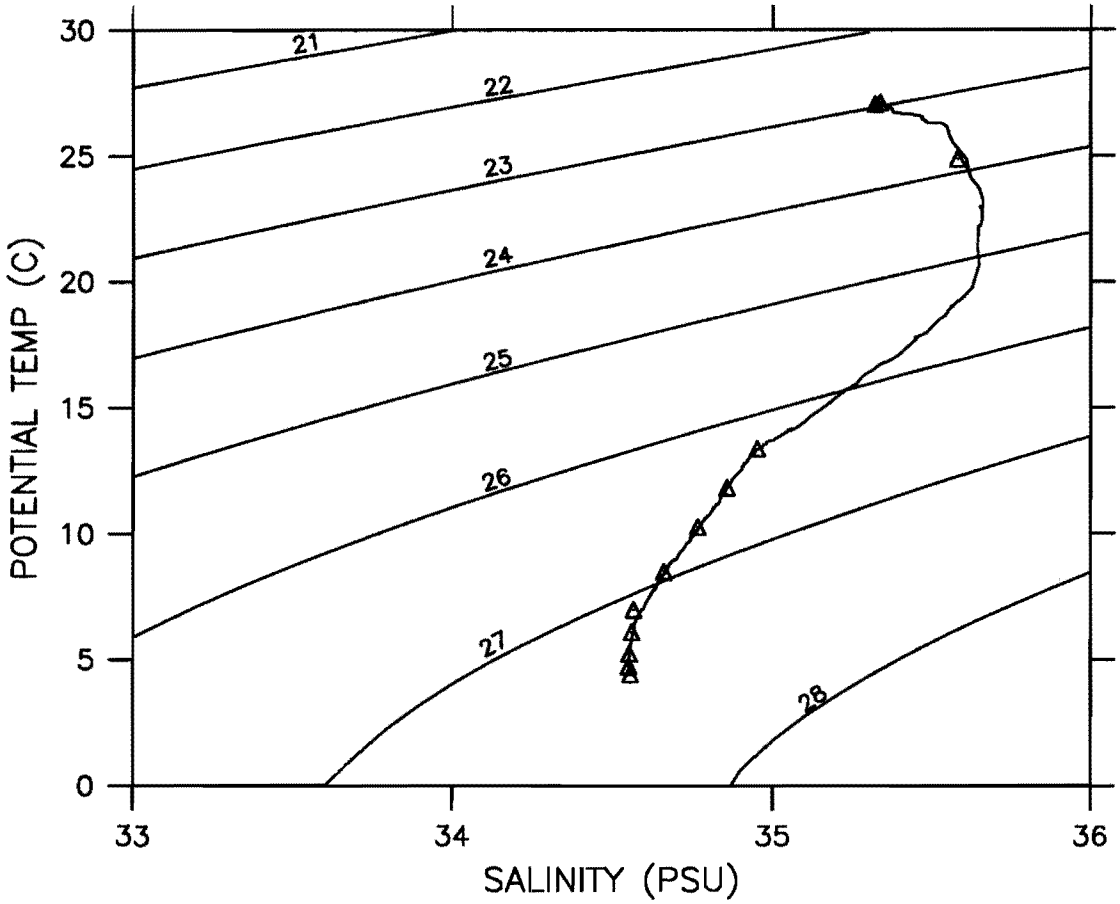


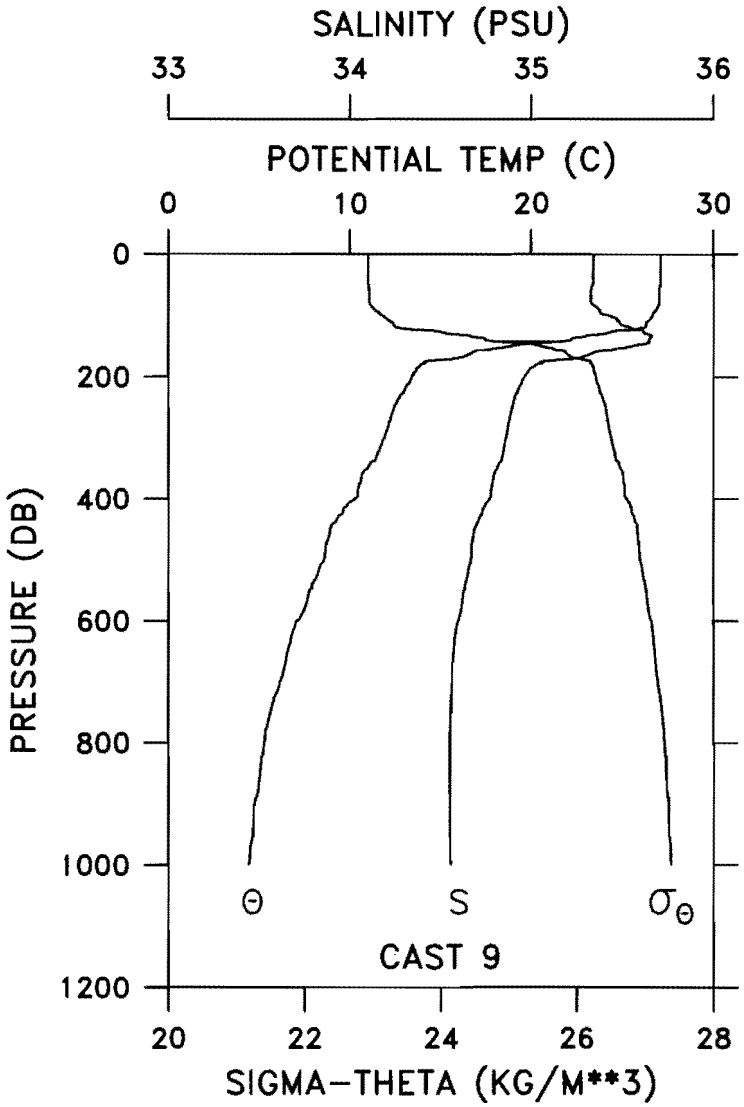
CAST TG2-94-DI -008 DATE 12 OCT 94 TIME 1251 GMT
LAT 00 59.9S LONG 140 00.0W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 100 T SPD 15 KT VISIBILITY 8
CLOUD 3 AMOUNT 2 DRY 25.0 WET 22.0 DEPTH 4275 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.490	35.075	22.939	0.000
10	26.493	35.074	22.936	0.049
20	26.494	35.074	22.937	0.098
30	26.494	35.074	22.936	0.148
40	26.494	35.074	22.936	0.197
50	26.487	35.076	22.940	0.246
60	26.478	35.078	22.944	0.296
70	26.463	35.082	22.952	0.345
80	26.401	35.100	22.985	0.394
90	26.313	35.116	23.025	0.443
100	26.301	35.128	23.038	0.492
110	26.385	35.183	23.053	0.540
120	26.390	35.340	23.170	0.589
130	25.911	35.506	23.445	0.635
140	25.392	35.545	23.635	0.679
150	23.837	35.743	24.254	0.720
160	21.019	35.672	25.002	0.752
170	19.174	35.570	25.413	0.780
180	17.241	35.409	25.772	0.806
190	16.413	35.326	25.904	0.828
200	14.508	35.116	26.170	0.848
250	12.163	34.863	26.452	0.932
300	11.682	34.833	26.520	1.013
350	10.848	34.787	26.638	1.090
400	9.703	34.719	26.783	1.161
450	8.726	34.664	26.899	1.225
500	8.252	34.639	26.952	1.285
550	7.614	34.607	27.022	1.343
600	7.307	34.593	27.055	1.398
650	7.120	34.590	27.080	1.453
700	6.336	34.563	27.164	1.505
750	5.877	34.553	27.215	1.554
800	5.433	34.552	27.269	1.600
900	4.804	34.549	27.341	1.687
1000	4.283	34.562	27.408	1.766
1002	4.280	34.561	27.408	1.768

CAST TG2-94-DI -009 DATE 13 OCT 94 TIME 0555 GMT

LAT 01 59.8S LONG 139 58.0W



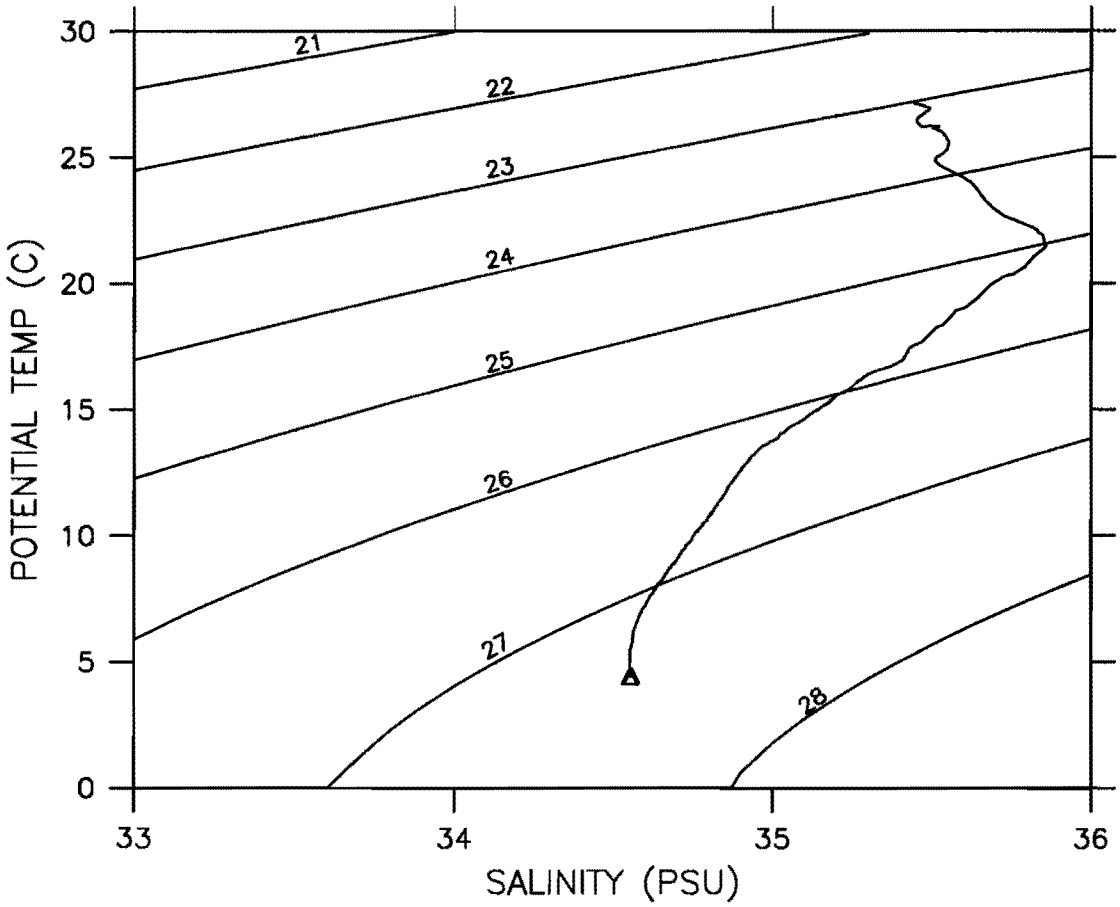


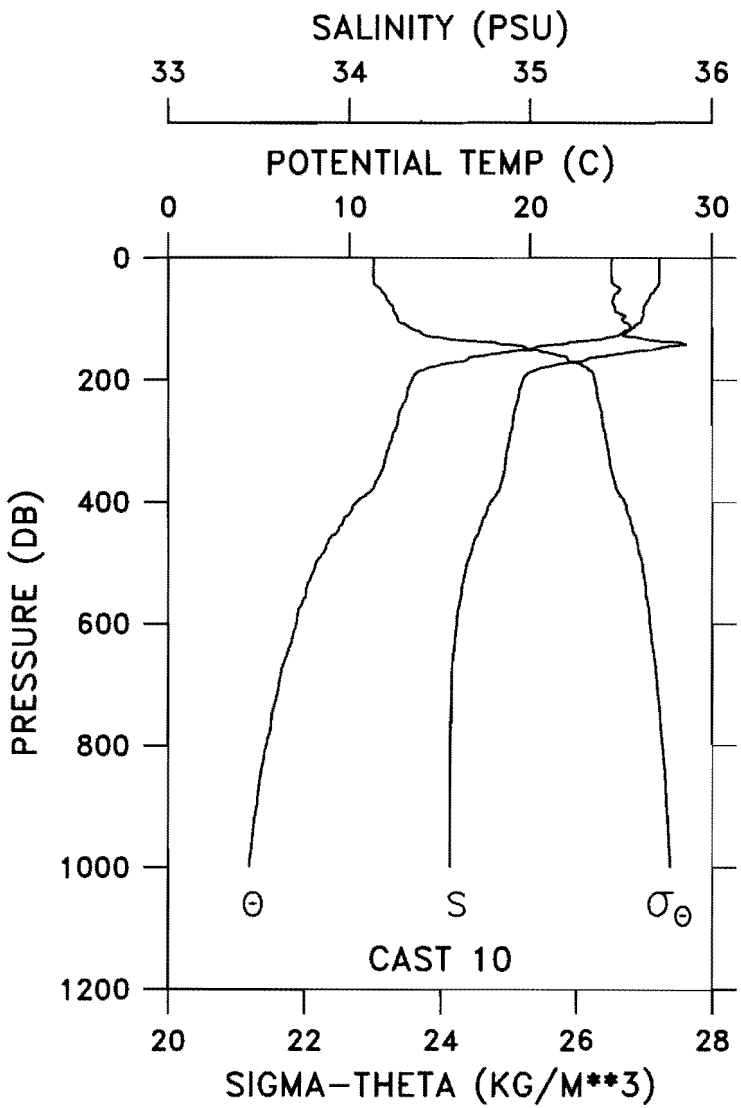
CAST TG2-94-DI -009 DATE 13 OCT 94 TIME 0555 GMT
LAT 01 59.8S LONG 139 58.0W WEATHER 2 SEA STATE 3
BAROMETER 12 WIND DIR 095 T SPD 14 KT VISIBILITY 7
CLOUD 7 AMOUNT 8 DRY 27.5 WET 23.0 DEPTH 4318 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.121	35.344	22.940	0.000
10	27.118	35.339	22.938	0.049
20	27.118	35.340	22.938	0.098
30	27.109	35.338	22.939	0.148
40	27.112	35.338	22.939	0.197
50	27.098	35.336	22.942	0.246
60	27.045	35.327	22.952	0.296
70	27.048	35.329	22.952	0.345
80	27.031	35.331	22.959	0.394
90	26.889	35.370	23.034	0.443
100	26.652	35.426	23.152	0.491
110	26.369	35.483	23.284	0.538
120	26.169	35.548	23.396	0.584
130	23.921	35.636	24.148	0.626
140	22.184	35.647	24.659	0.661
150	18.919	35.557	25.469	0.690
160	16.790	35.346	25.831	0.713
170	15.682	35.225	25.994	0.735
180	13.934	35.028	26.224	0.754
190	13.659	34.986	26.248	0.772
200	13.425	34.962	26.278	0.790
250	12.462	34.896	26.420	0.877
300	11.890	34.862	26.503	0.958
350	10.977	34.812	26.634	1.036
400	10.275	34.769	26.725	1.108
450	8.921	34.686	26.885	1.173
500	8.569	34.666	26.925	1.235
550	7.759	34.628	27.018	1.294
600	7.082	34.597	27.090	1.349
650	6.552	34.570	27.141	1.401
700	6.125	34.562	27.191	1.451
750	5.581	34.554	27.253	1.498
800	5.239	34.550	27.291	1.543
900	4.728	34.551	27.351	1.628
1000	4.416	34.555	27.388	1.709
1002	4.407	34.554	27.388	1.710

CAST TG2-94-DI -010 DATE 13 OCT 94 TIME 1056 GMT

LAT 02 59.9S LONG 140 00.1W



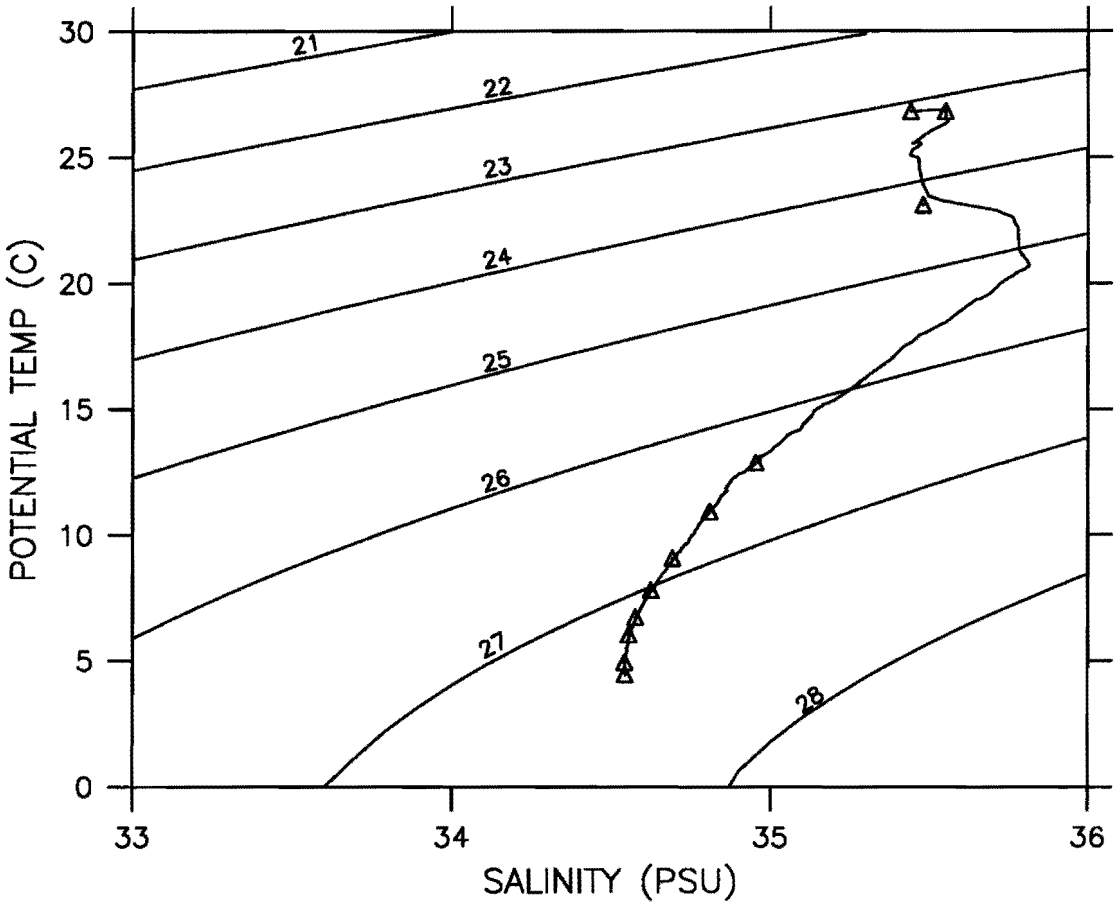


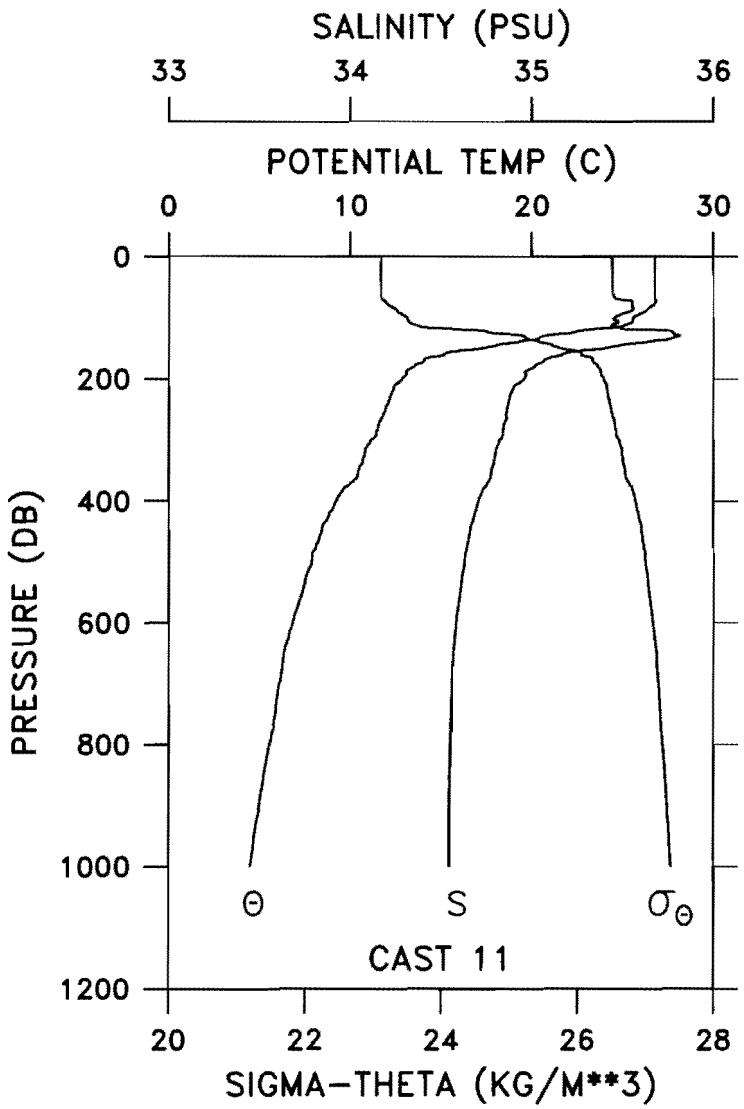
CAST TG2-94-DI -010 DATE 13 OCT 94 TIME 1056 GMT
LAT 02 59.9S LONG 140 00.1W WEATHER 1 SEA STATE 4
BAROMETER 10 WIND DIR 090 T SPD 13 KT VISIBILITY 7
CLOUD 6 AMOUNT 2 DRY 26.4 WET 23.2 DEPTH 4495 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.115	35.448	23.021	0.000
10	27.108	35.446	23.021	0.048
20	27.118	35.446	23.018	0.097
30	27.116	35.446	23.019	0.145
40	27.114	35.448	23.021	0.194
50	26.953	35.492	23.106	0.242
60	26.629	35.465	23.188	0.290
70	26.477	35.453	23.227	0.336
80	26.261	35.463	23.303	0.383
90	26.220	35.481	23.329	0.429
100	26.166	35.510	23.369	0.474
110	25.818	35.546	23.504	0.520
120	25.196	35.539	23.691	0.563
130	24.331	35.576	23.981	0.605
140	22.045	35.833	24.839	0.641
150	19.932	35.685	25.303	0.669
160	17.466	35.430	25.734	0.694
170	16.075	35.262	25.933	0.716
180	14.317	35.055	26.163	0.736
190	13.609	34.981	26.254	0.754
200	13.427	34.958	26.274	0.772
250	12.779	34.911	26.369	0.860
300	12.247	34.880	26.449	0.945
350	11.738	34.854	26.526	1.026
400	10.376	34.778	26.714	1.102
450	9.297	34.712	26.845	1.170
500	8.158	34.647	26.973	1.231
550	7.585	34.615	27.032	1.288
600	7.054	34.590	27.089	1.342
650	6.532	34.572	27.145	1.394
700	6.080	34.561	27.196	1.443
750	5.689	34.557	27.242	1.491
800	5.395	34.551	27.273	1.536
900	4.857	34.551	27.336	1.622
1000	4.445	34.554	27.384	1.703
1005	4.418	34.554	27.387	1.707

CAST TG2-94-DI -011 DATE 13 OCT 94 TIME 1542 GMT

LAT 04 00.0S LONG 140 00.0W



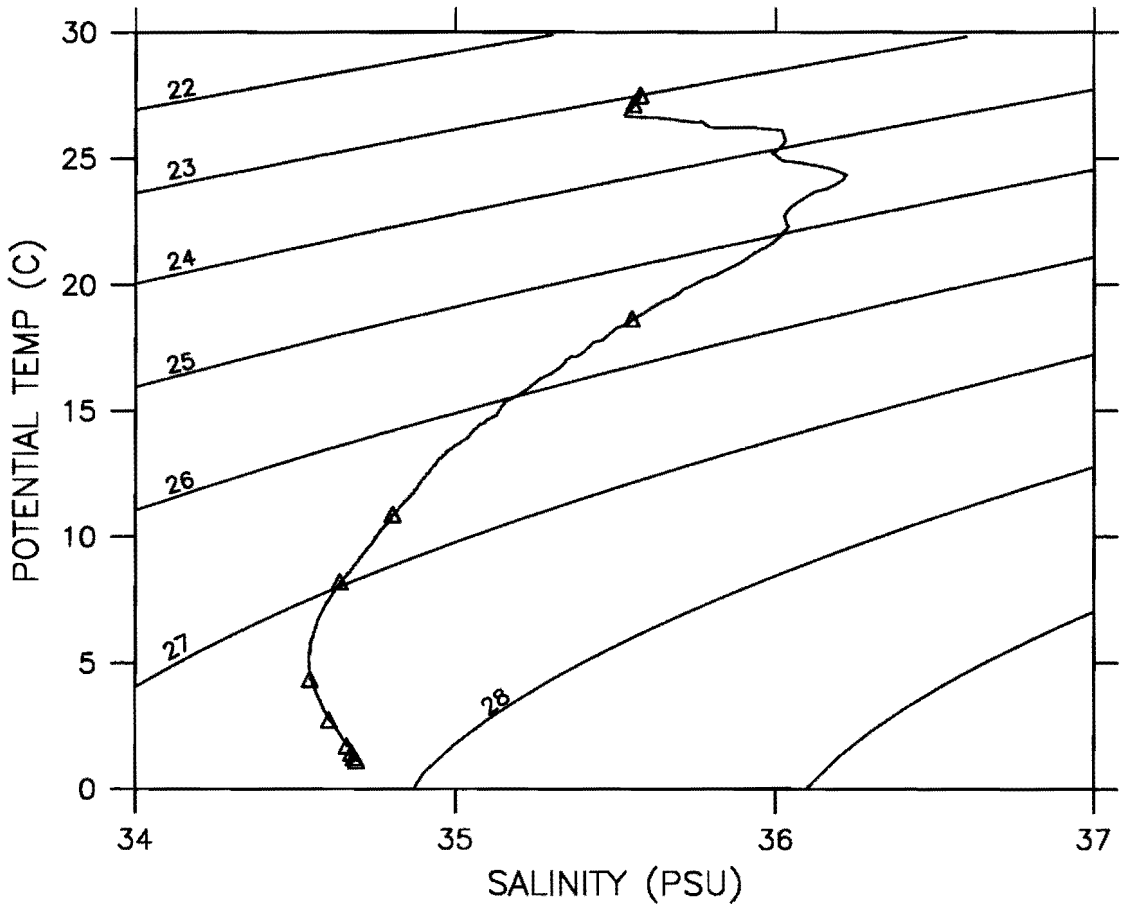


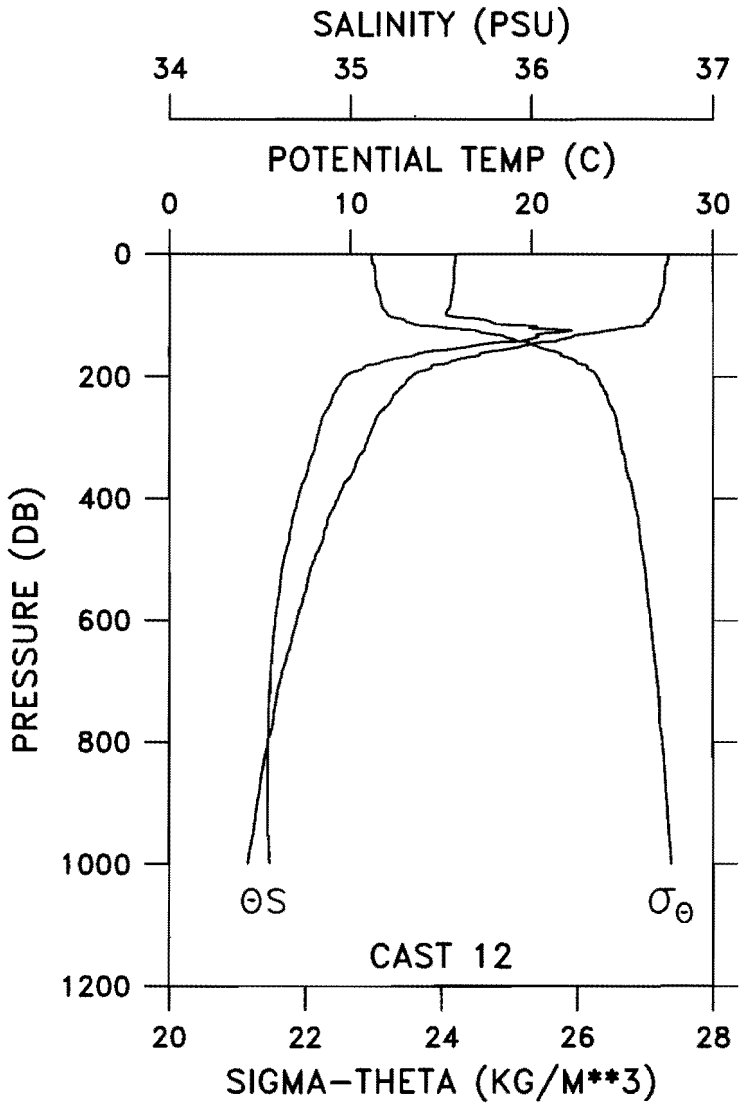
CAST TG2-94-DI -011 DATE 13 OCT 94 TIME 1542 GMT
LAT 04 00.0S LONG 140 00.0W WEATHER 1 SEA STATE 3
BAROMETER 12 WIND DIR 090 T SPD 13 KT VISIBILITY 7
CLOUD 8 AMOUNT 3 DRY 26.5 WET 23.0 DEPTH 4475 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	26.792	35.446	23.122	0.000
10	26.793	35.444	23.120	0.047
20	26.798	35.444	23.119	0.095
30	26.800	35.444	23.118	0.142
40	26.801	35.444	23.118	0.190
50	26.802	35.445	23.118	0.238
60	26.803	35.446	23.118	0.285
70	26.836	35.486	23.138	0.333
80	26.686	35.555	23.238	0.380
90	26.263	35.541	23.361	0.426
100	25.576	35.454	23.510	0.471
110	25.297	35.449	23.592	0.515
120	22.882	35.711	24.509	0.556
130	20.558	35.801	25.225	0.587
140	19.159	35.629	25.462	0.614
150	17.218	35.400	25.770	0.638
160	15.168	35.163	26.061	0.658
170	14.066	35.066	26.225	0.677
180	13.495	35.012	26.302	0.695
190	13.077	34.962	26.348	0.713
200	12.865	34.958	26.388	0.730
250	11.952	34.865	26.494	0.811
300	11.123	34.824	26.616	0.889
350	10.445	34.779	26.703	0.961
400	9.225	34.707	26.853	1.028
450	8.416	34.659	26.943	1.090
500	7.866	34.628	27.002	1.148
550	7.364	34.605	27.057	1.203
600	6.819	34.582	27.115	1.256
650	6.327	34.567	27.169	1.307
700	6.066	34.561	27.197	1.356
750	5.846	34.556	27.221	1.403
800	5.529	34.550	27.256	1.450
900	4.972	34.546	27.319	1.538
1000	4.462	34.546	27.376	1.621
1004	4.436	34.545	27.378	1.624

CAST TG2-94-DI -012 DATE 14 OCT 94 TIME 0302 GMT

LAT 04 58.5S LONG 139 59.0W



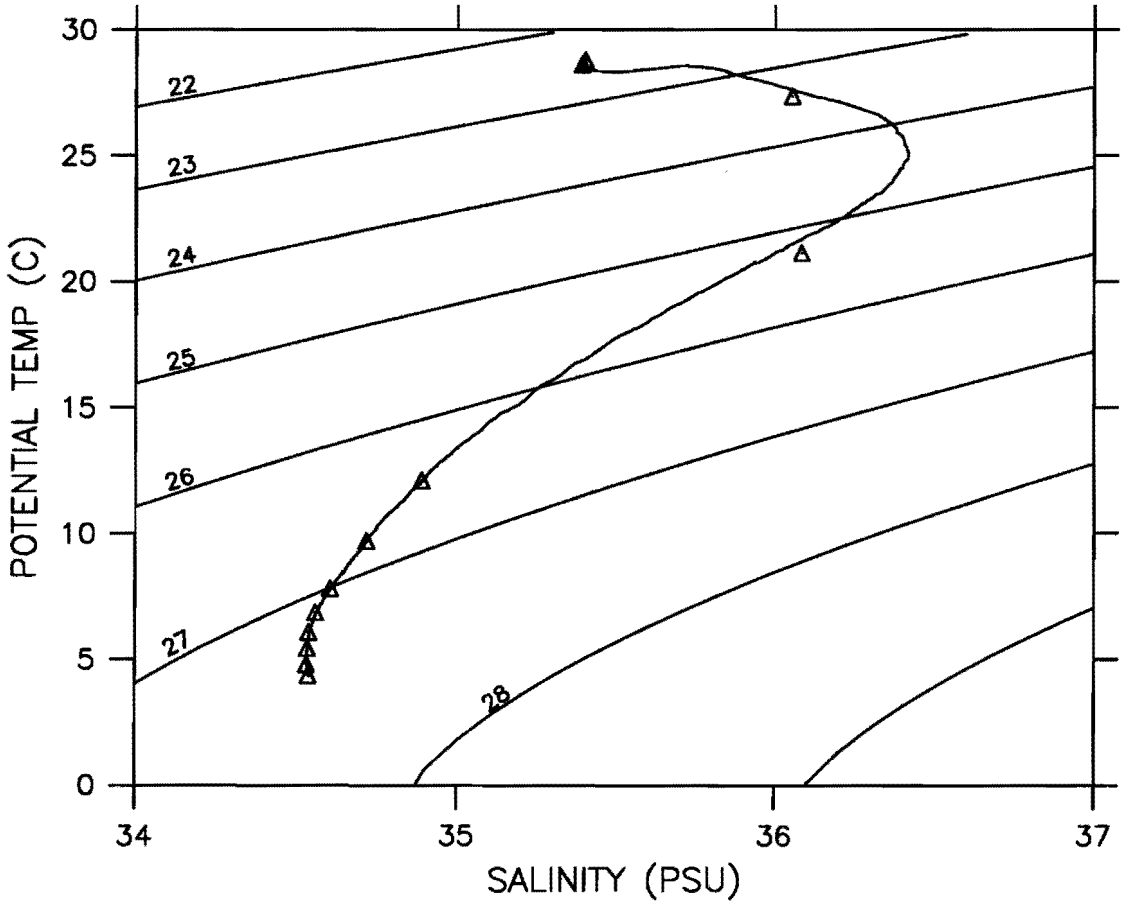


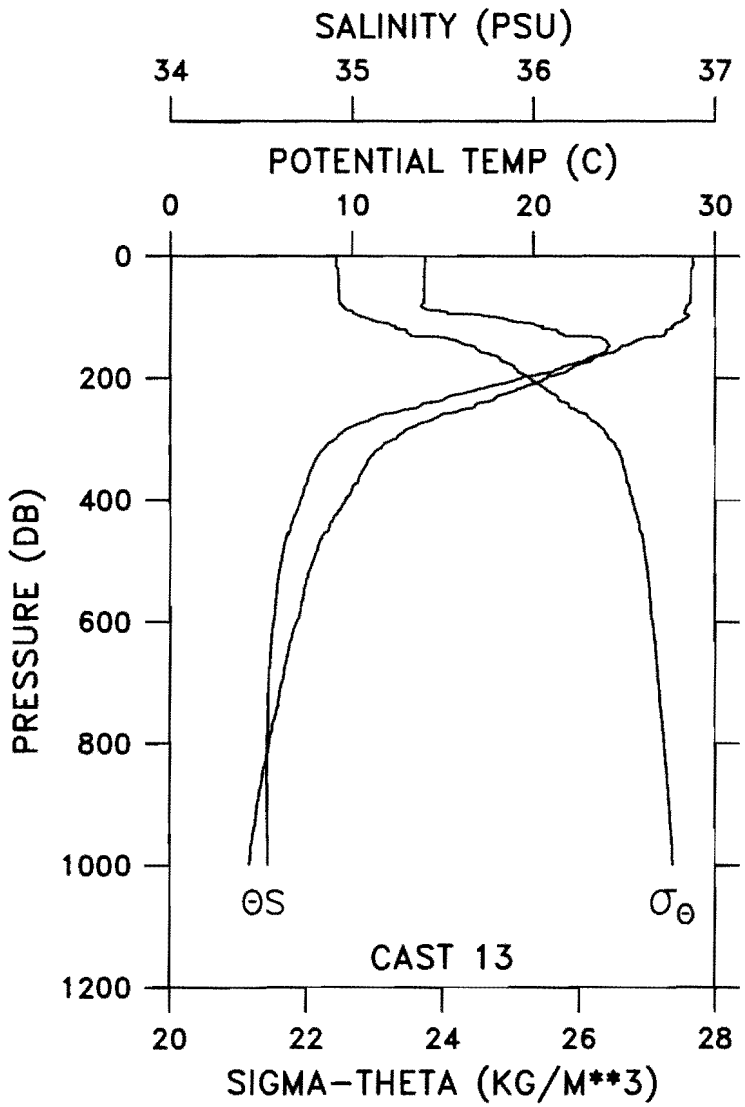
CAST TG2-94-DI -012 DATE 14 OCT 94 TIME 0302 GMT
LAT 04 58.5S LONG 139 59.0W WEATHER 0 SEA STATE 4
BAROMETER 10 WIND DIR 120 T SPD 16 KT VISIBILITY 8
CLOUD 8 AMOUNT 1 DRY 27.0 WET 23.0 DEPTH 3984 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.559	35.580	22.977	0.000
10	27.531	35.576	22.983	0.049
20	27.400	35.572	23.022	0.097
30	27.378	35.570	23.028	0.146
40	27.361	35.570	23.033	0.194
50	27.331	35.568	23.041	0.243
60	27.239	35.562	23.067	0.291
70	27.105	35.555	23.105	0.339
80	27.058	35.552	23.117	0.387
90	26.898	35.538	23.158	0.435
100	26.665	35.530	23.226	0.482
110	26.452	35.772	23.476	0.527
120	25.234	35.987	24.017	0.570
130	22.997	36.042	24.727	0.605
140	21.482	35.968	25.100	0.636
150	19.439	35.667	25.419	0.663
160	17.489	35.411	25.713	0.688
170	16.245	35.260	25.892	0.711
180	14.824	35.127	26.110	0.731
190	14.062	35.046	26.210	0.750
200	13.379	34.973	26.296	0.768
250	11.942	34.882	26.509	0.852
300	10.996	34.815	26.632	0.928
350	10.237	34.768	26.730	0.999
400	9.312	34.711	26.842	1.065
450	8.564	34.668	26.927	1.128
500	8.006	34.631	26.984	1.187
550	7.551	34.608	27.032	1.244
600	7.021	34.583	27.088	1.298
650	6.581	34.568	27.135	1.350
700	6.093	34.556	27.190	1.400
750	5.771	34.548	27.224	1.448
800	5.446	34.545	27.262	1.494
900	4.849	34.544	27.331	1.581
1000	4.319	34.551	27.395	1.663
1500	2.756	34.609	27.595	1.998
2000	2.148	34.641	27.672	2.273
2500	1.705	34.666	27.727	2.522
3000	1.431	34.680	27.758	2.753
3500	1.242	34.688	27.778	2.973
4000	1.120	34.695	27.792	3.191
4011	1.120	34.695	27.792	3.195

CAST TG2-94-DI -013 DATE 17 OCT 94 TIME 0724 GMT

LAT 08 15.4S LONG 155 00.1W



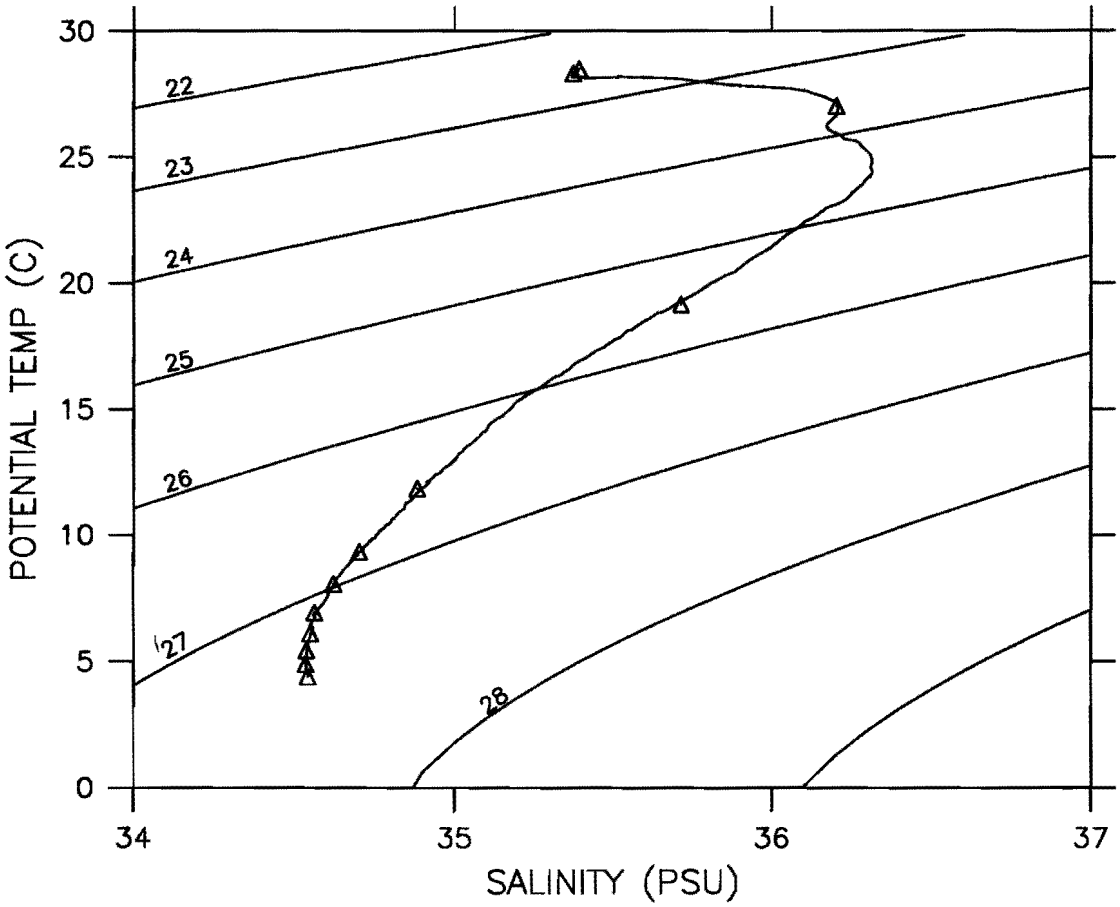


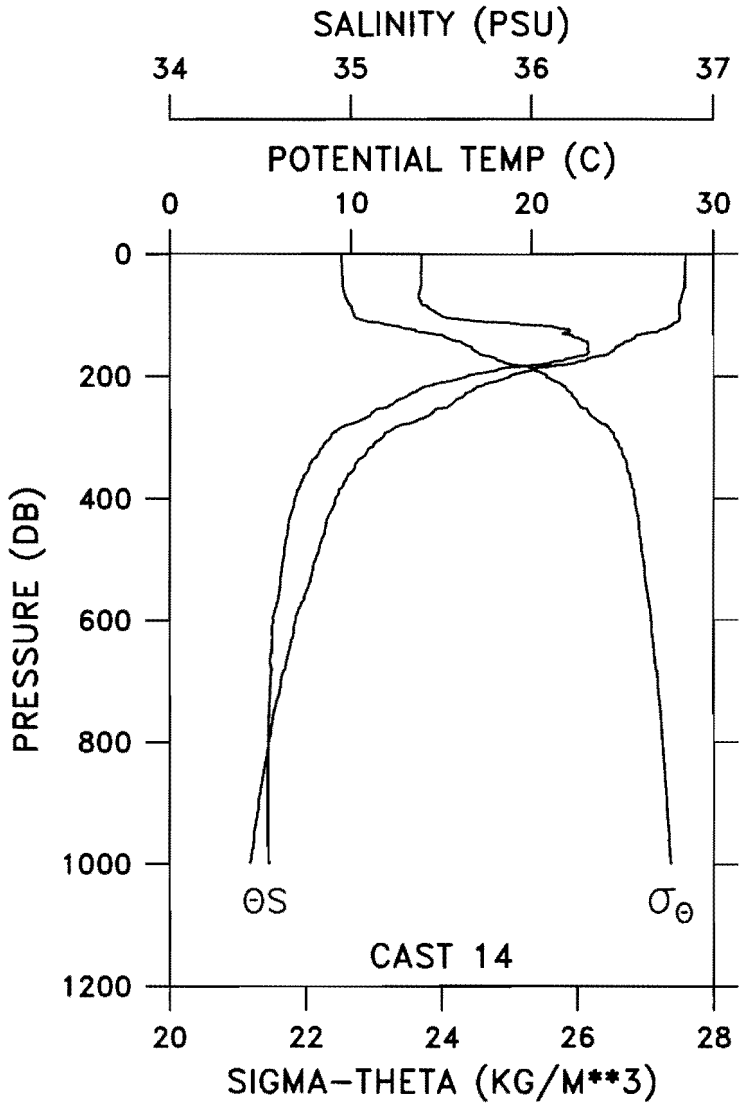
CAST TG2-94-DI -013 DATE 17 OCT 94 TIME 0724 GMT
LAT 08 15.4S LONG 155 00.1W WEATHER 2 SEA STATE 3
BAROMETER 14 WIND DIR 070 T SPD 17 KT VISIBILITY 9
CLOUD 7 AMOUNT 8 DRY 27.0 WET 24.5 DEPTH 5298 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.801	35.403	22.436	0.000
10	28.797	35.402	22.436	0.054
20	28.726	35.399	22.457	0.108
30	28.704	35.397	22.463	0.162
40	28.695	35.397	22.467	0.216
50	28.686	35.397	22.469	0.270
60	28.680	35.397	22.471	0.323
70	28.668	35.396	22.475	0.377
80	28.495	35.383	22.522	0.431
90	28.319	35.493	22.663	0.484
100	28.469	35.802	22.846	0.536
110	27.832	35.997	23.202	0.585
120	27.389	36.116	23.435	0.632
130	27.225	36.171	23.530	0.676
140	25.555	36.405	24.235	0.716
150	24.780	36.408	24.474	0.752
160	23.933	36.367	24.698	0.786
170	23.238	36.291	24.845	0.819
180	22.184	36.165	25.053	0.849
190	21.781	36.095	25.113	0.879
200	20.727	35.932	25.280	0.907
250	16.308	35.326	25.928	1.030
300	12.316	34.908	26.457	1.122
350	10.615	34.776	26.670	1.198
400	9.644	34.718	26.793	1.268
450	8.731	34.661	26.896	1.331
500	7.879	34.613	26.988	1.391
550	7.381	34.587	27.040	1.447
600	6.957	34.570	27.086	1.502
650	6.489	34.553	27.136	1.554
700	6.150	34.545	27.174	1.604
750	5.821	34.540	27.212	1.652
800	5.455	34.535	27.253	1.699
900	4.802	34.535	27.330	1.786
1000	4.355	34.541	27.384	1.868
1001	4.347	34.540	27.384	1.869

CAST TG2-94-DI -014 DATE 17 OCT 94 TIME 1321 GMT

LAT 07 00.2S LONG 155 00.2W



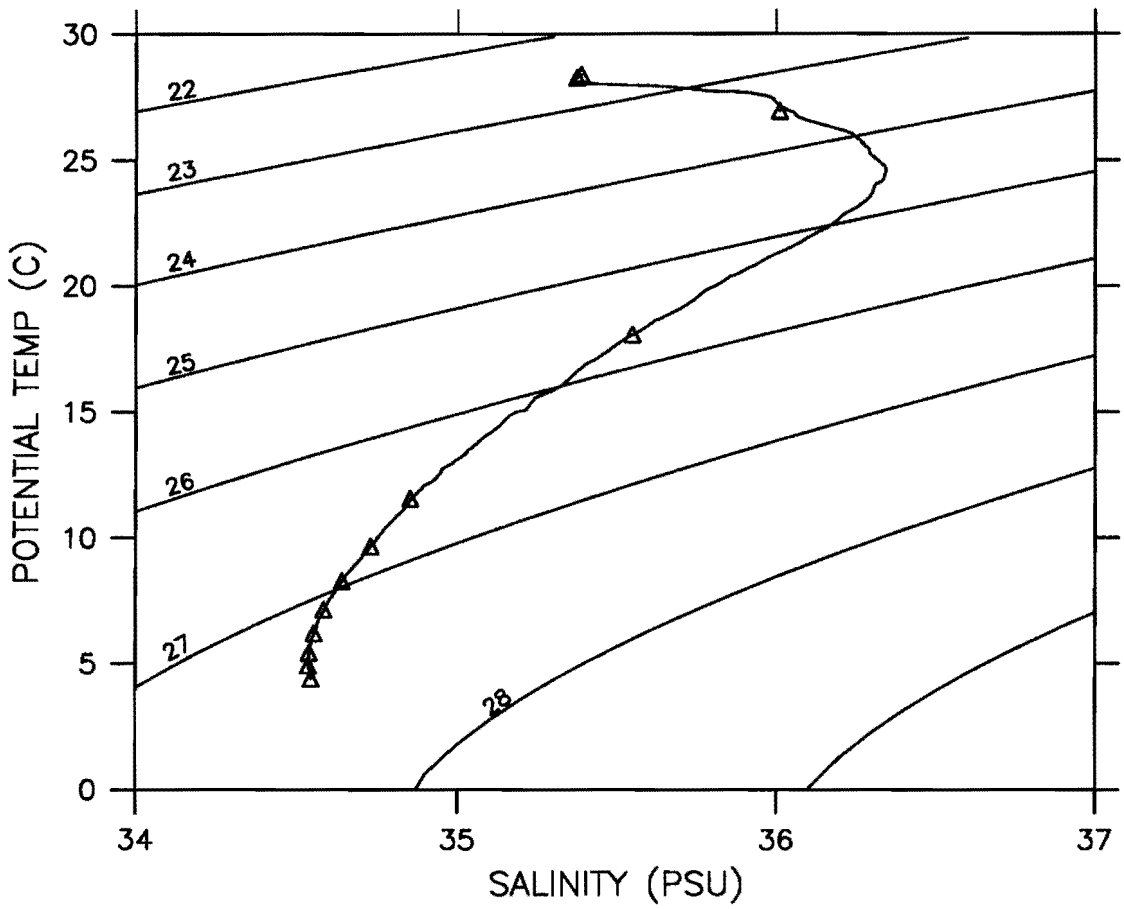


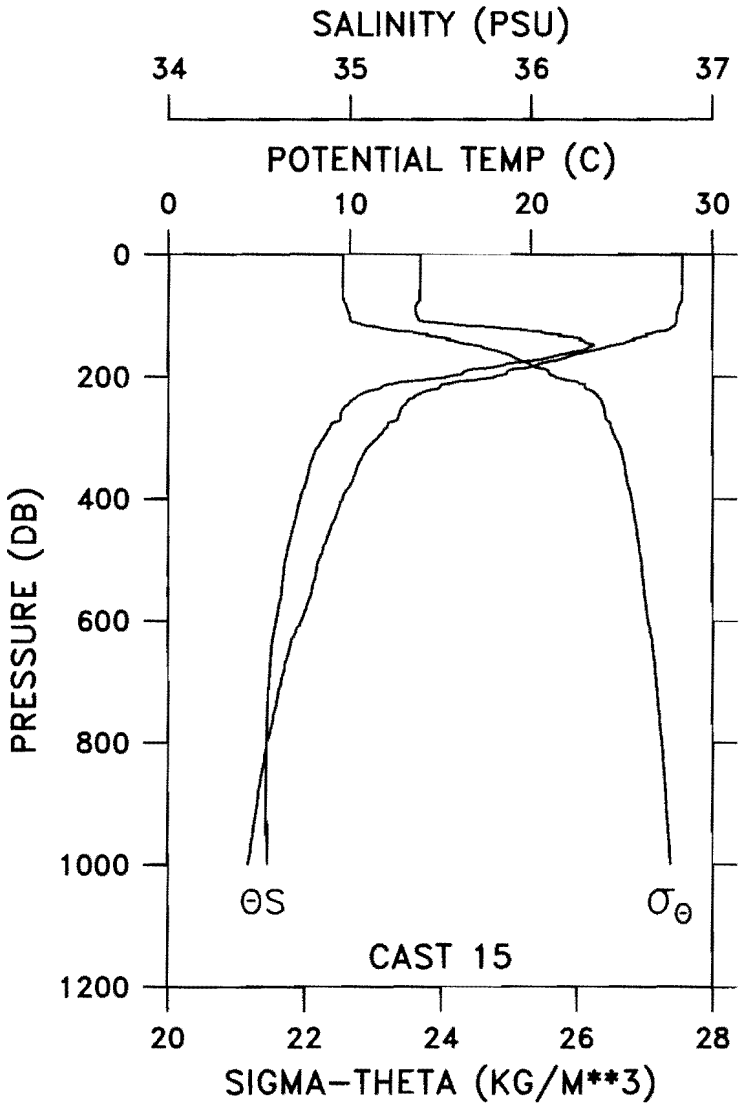
CAST TG2-94-DI -014 DATE 17 OCT 94 TIME 1321 GMT
LAT 07 00.2S LONG 155 00.2W WEATHER 1 SEA STATE 3
BAROMETER 14 WIND DIR 060 T SPD 11 KT VISIBILITY 8
CLOUD 3 AMOUNT 4 DRY 28.0 WET 23.0 DEPTH 5113 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.485	35.393	22.533	0.000
10	28.482	35.390	22.532	0.053
20	28.473	35.389	22.534	0.106
30	28.457	35.386	22.537	0.159
40	28.440	35.387	22.543	0.212
50	28.429	35.387	22.547	0.265
60	28.355	35.380	22.566	0.319
70	28.283	35.374	22.585	0.371
80	28.157	35.390	22.639	0.424
90	28.128	35.439	22.685	0.476
100	28.164	35.496	22.716	0.528
110	28.087	35.712	22.904	0.579
120	27.492	36.134	23.415	0.627
130	26.187	36.171	23.860	0.670
140	25.476	36.278	24.163	0.709
150	24.814	36.313	24.392	0.746
160	24.330	36.314	24.539	0.781
170	23.151	36.211	24.810	0.815
180	22.017	36.059	25.020	0.846
190	20.002	35.808	25.379	0.874
200	18.818	35.641	25.559	0.899
250	15.365	35.202	26.048	1.010
300	11.764	34.889	26.548	1.098
350	10.209	34.770	26.737	1.170
400	9.158	34.691	26.851	1.236
450	8.586	34.651	26.911	1.299
500	8.069	34.624	26.969	1.359
550	7.580	34.605	27.025	1.416
600	6.936	34.569	27.089	1.470
650	6.569	34.557	27.129	1.523
700	6.114	34.553	27.185	1.573
750	5.732	34.545	27.227	1.621
800	5.440	34.541	27.259	1.667
900	4.891	34.538	27.321	1.755
1000	4.400	34.546	27.382	1.837
1001	4.392	34.545	27.383	1.838

CAST TG2-94-DI -015 DATE 17 OCT 94 TIME 1824 GMT

LAT 06 00.0S LONG 155 00.0W



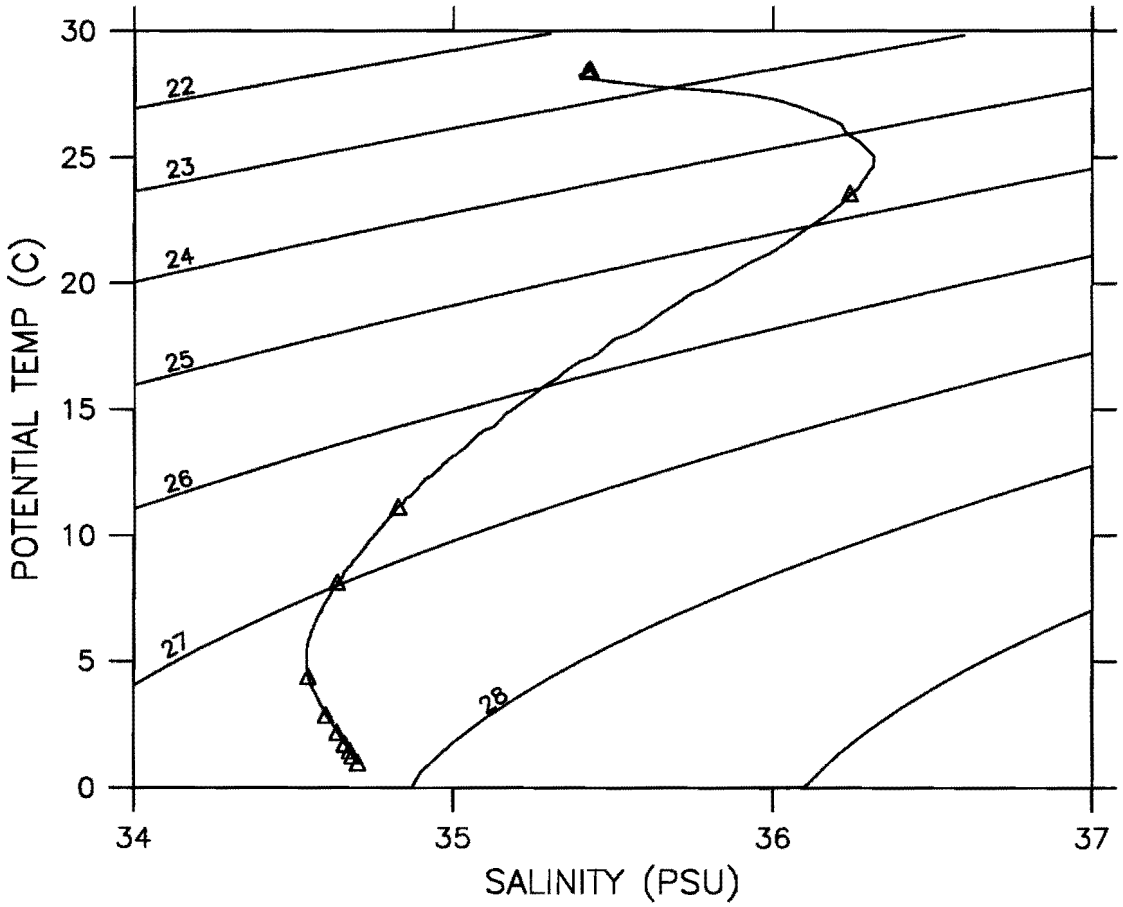


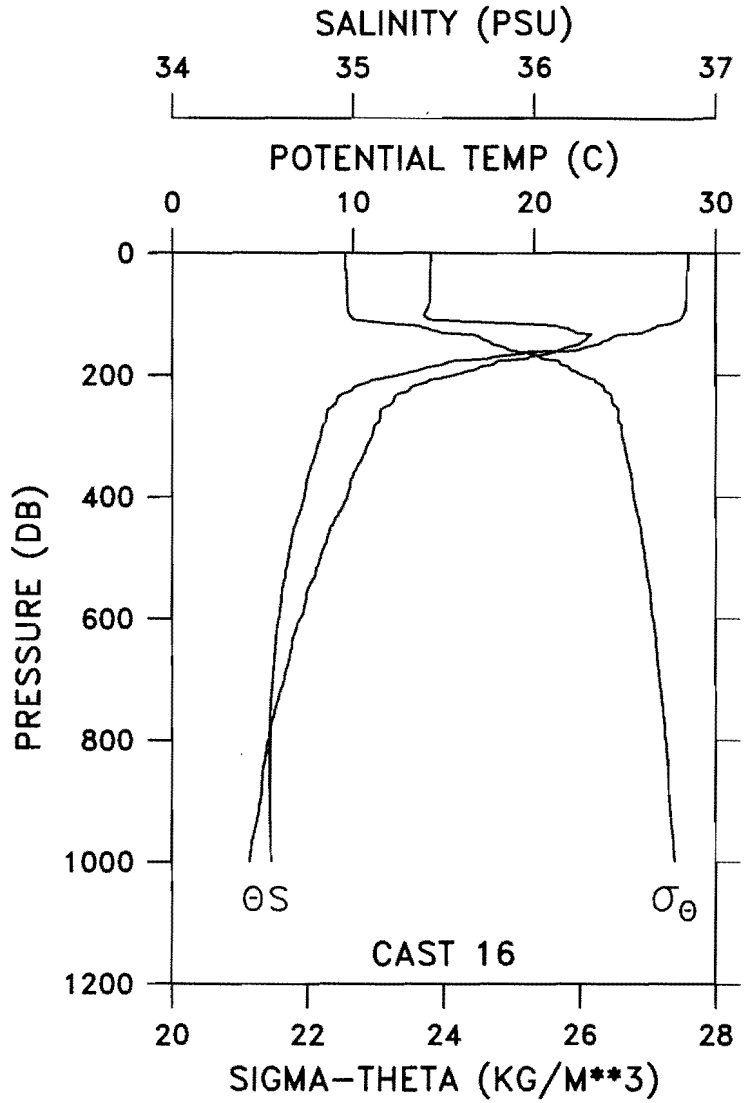
CAST TG2-94-DI -015 DATE 17 OCT 94 TIME 1824 GMT
LAT 06 00.0S LONG 155 00.0W WEATHER 1 SEA STATE 3
BAROMETER 14 WIND DIR 070 T SPD 11 KT VISIBILITY 8
CLOUD 0 AMOUNT 2 DRY 28.2 WET 21.3 DEPTH 5217 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.369	35.387	22.567	0.000
10	28.365	35.386	22.567	0.053
20	28.364	35.386	22.568	0.105
30	28.363	35.385	22.568	0.158
40	28.363	35.386	22.568	0.211
50	28.361	35.385	22.568	0.264
60	28.345	35.382	22.571	0.317
70	28.339	35.381	22.572	0.370
80	28.212	35.366	22.603	0.423
90	28.115	35.358	22.629	0.476
100	28.030	35.368	22.664	0.528
110	28.025	35.414	22.700	0.580
120	27.709	35.828	23.115	0.630
130	26.346	36.160	23.802	0.675
140	25.689	36.265	24.087	0.715
150	24.214	36.335	24.590	0.752
160	22.896	36.217	24.889	0.785
170	21.735	36.075	25.110	0.815
180	20.387	35.854	25.311	0.843
190	18.736	35.640	25.579	0.869
200	17.960	35.533	25.691	0.893
250	12.867	34.970	26.397	0.988
300	11.521	34.856	26.568	1.069
350	10.375	34.775	26.712	1.141
400	9.596	34.726	26.807	1.210
450	8.931	34.684	26.882	1.274
500	8.298	34.643	26.949	1.335
550	7.899	34.622	26.992	1.394
600	7.330	34.594	27.053	1.450
650	6.631	34.567	27.128	1.503
700	6.214	34.555	27.174	1.554
750	5.836	34.547	27.215	1.602
800	5.449	34.542	27.259	1.649
900	4.913	34.539	27.320	1.737
1000	4.397	34.546	27.383	1.819
1002	4.378	34.546	27.385	1.821

CAST TG2-94-DI -016 DATE 18 OCT 94 TIME 0836 GMT

LAT 04 57.3S LONG 155 02.2W



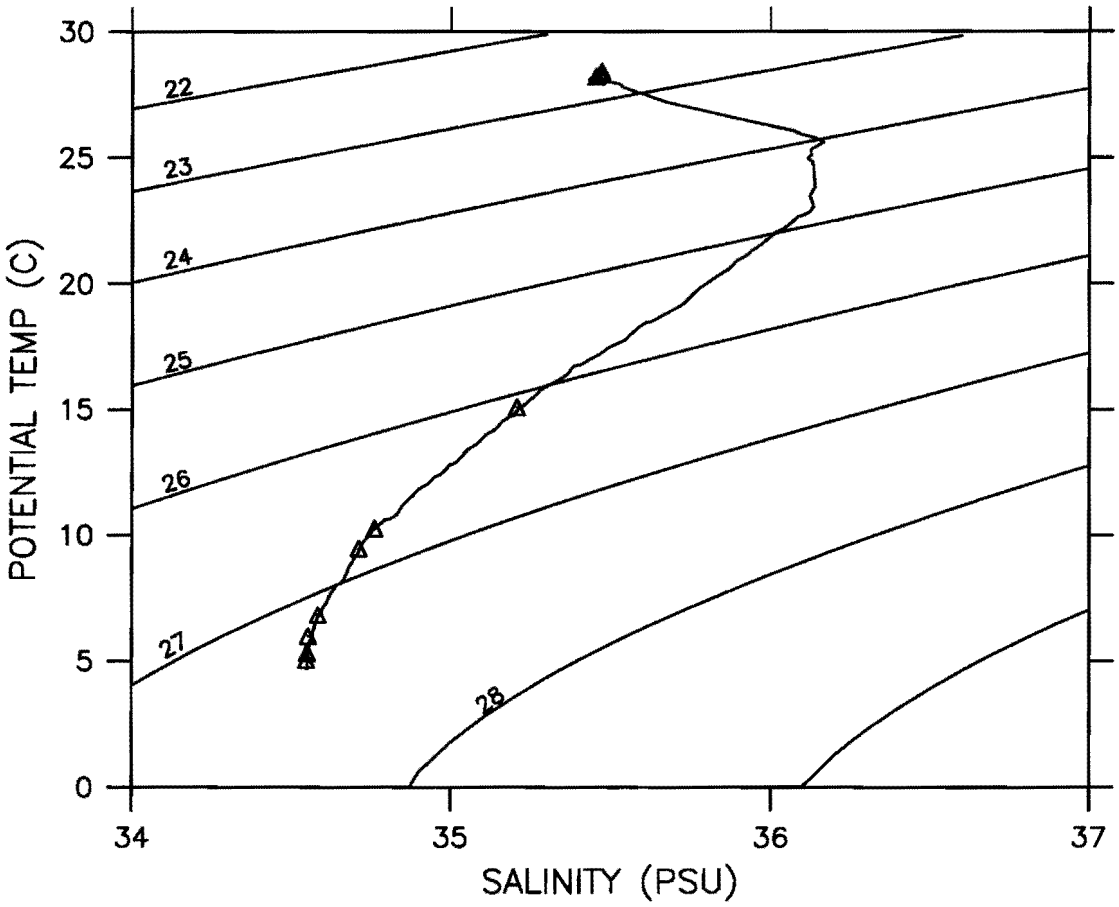


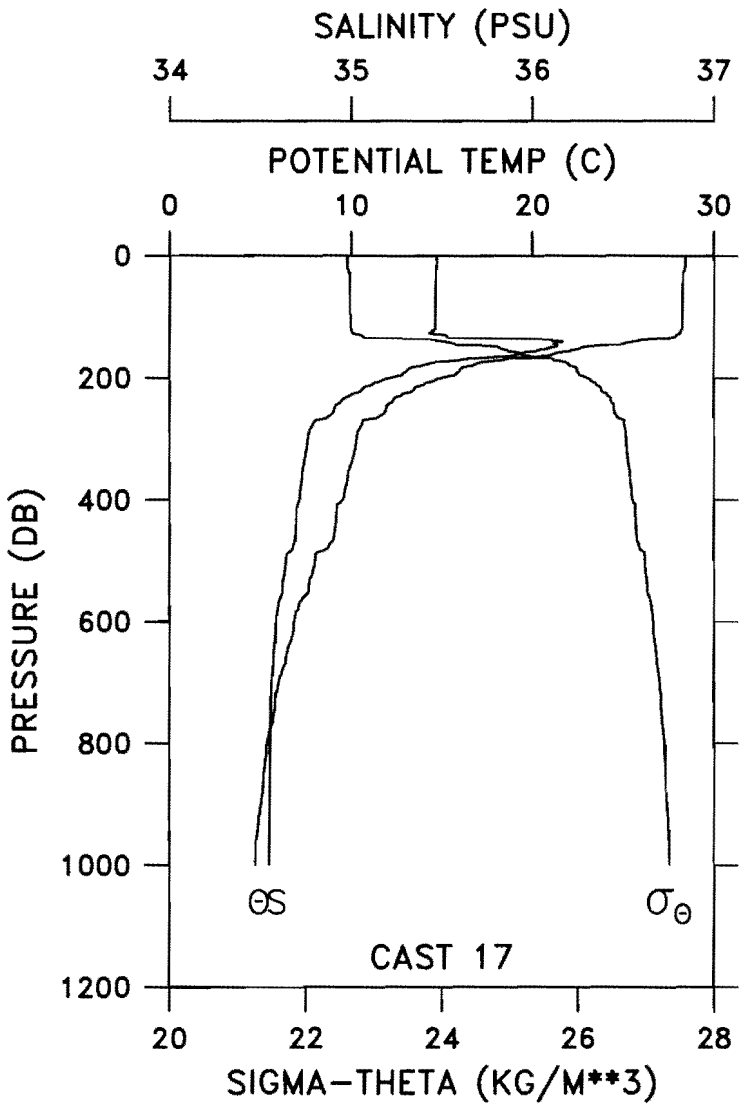
CAST TG2-94-DI -016 DATE 18 OCT 94 TIME 0836 GMT
LAT 04 57.3S LONG 155 02.2W WEATHER 1 SEA STATE 3
BAROMETER 13 WIND DIR 100 T SPD 09 KT VISIBILITY 9
CLOUD 8 AMOUNT 1 DRY 28.0 WET 23.7 DEPTH 4625 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.508	35.432	22.554	0.000
10	28.511	35.431	22.553	0.053
20	28.511	35.431	22.553	0.106
30	28.438	35.427	22.574	0.159
40	28.427	35.426	22.576	0.211
50	28.419	35.426	22.579	0.264
60	28.410	35.425	22.581	0.317
70	28.403	35.424	22.583	0.370
80	28.384	35.420	22.587	0.423
90	28.345	35.411	22.593	0.476
100	28.233	35.393	22.616	0.529
110	28.009	35.481	22.756	0.581
120	26.753	36.131	23.651	0.628
130	26.021	36.225	23.953	0.670
140	24.194	36.288	24.561	0.706
150	23.488	36.240	24.733	0.739
160	22.179	36.106	25.009	0.770
170	19.744	35.775	25.422	0.798
180	17.833	35.514	25.708	0.823
190	16.781	35.382	25.860	0.845
200	15.540	35.245	26.042	0.867
250	11.955	34.894	26.516	0.953
300	11.054	34.823	26.629	1.028
350	10.255	34.770	26.729	1.100
400	9.690	34.732	26.796	1.167
450	8.759	34.675	26.902	1.232
500	8.245	34.644	26.958	1.292
550	7.556	34.610	27.033	1.350
600	7.110	34.591	27.082	1.405
650	6.621	34.571	27.133	1.457
700	6.208	34.557	27.176	1.507
750	5.690	34.544	27.232	1.555
800	5.324	34.541	27.274	1.601
900	4.892	34.541	27.324	1.687
1000	4.281	34.549	27.398	1.768
1500	2.841	34.604	27.583	2.109
2000	2.176	34.640	27.669	2.391
2500	1.694	34.665	27.727	2.640
3000	1.439	34.678	27.756	2.870
3500	1.256	34.688	27.777	3.092
4000	1.086	34.696	27.795	3.309
4454	0.985	34.701	27.806	3.501

CAST TG2-94-DI -017 DATE 19 OCT 94 TIME 0327 GMT

LAT 04 04.5S LONG 154 59.0W



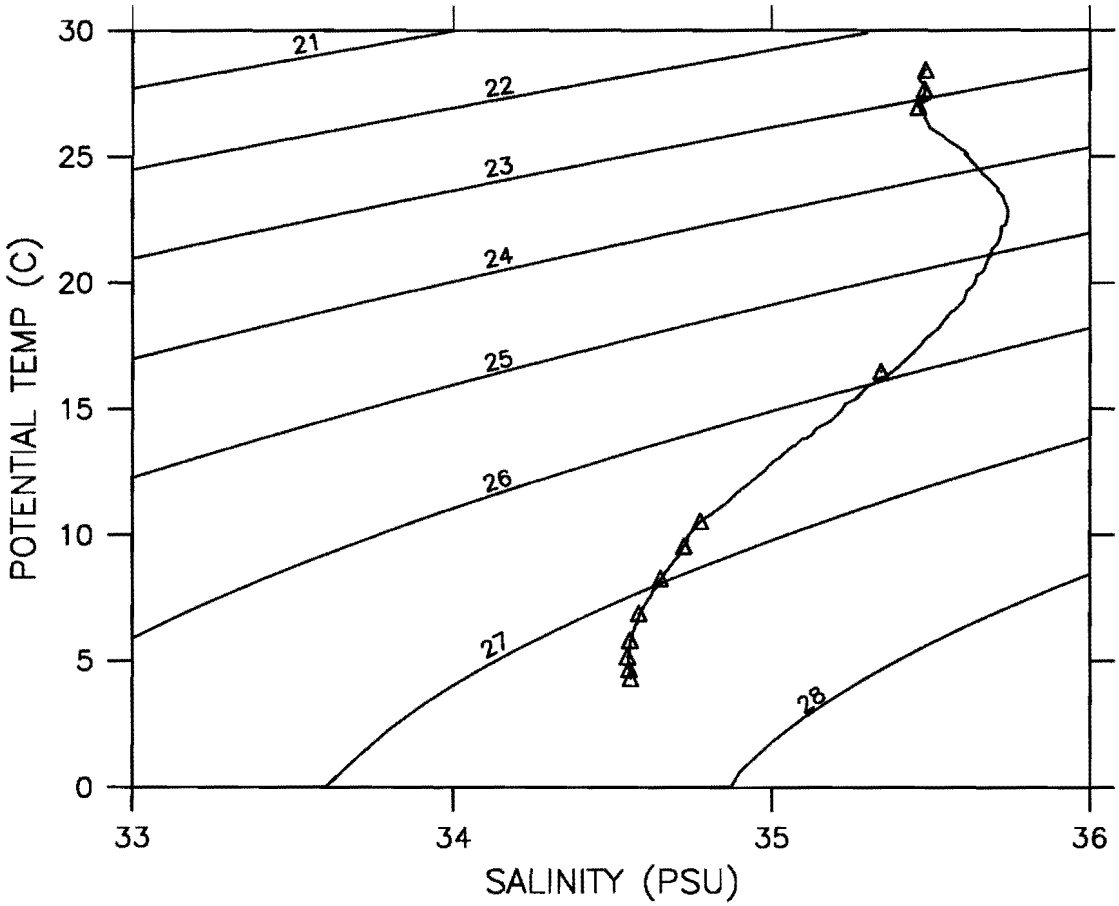


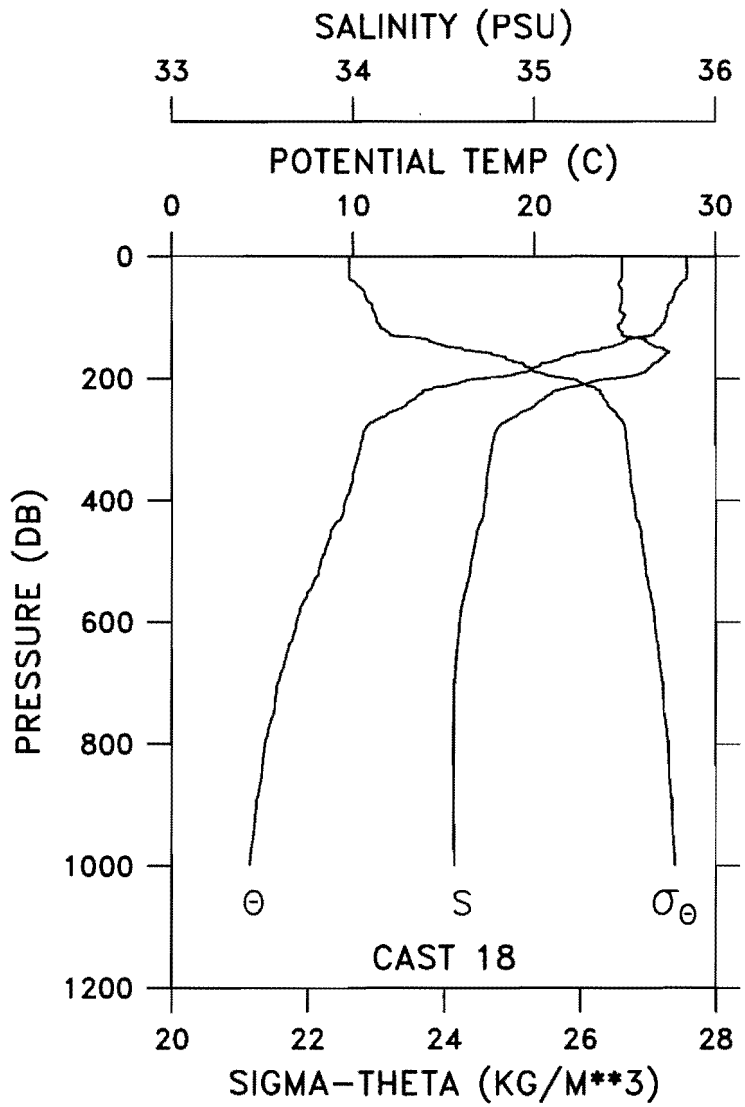
CAST TG2-94-DI -017 DATE 19 OCT 94 TIME 0327 GMT
LAT 04 04.5S LONG 154 59.0W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 095 T SPD 15 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 29.0 WET 23.5 DEPTH 2686 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.441	35.474	22.608	0.000
10	28.437	35.474	22.609	0.052
20	28.415	35.472	22.616	0.105
30	28.323	35.470	22.644	0.157
40	28.310	35.468	22.647	0.209
50	28.301	35.466	22.649	0.261
60	28.297	35.467	22.650	0.313
70	28.291	35.467	22.653	0.365
80	28.284	35.468	22.655	0.418
90	28.278	35.467	22.657	0.470
100	28.271	35.466	22.659	0.522
110	28.262	35.464	22.660	0.575
120	28.231	35.460	22.667	0.627
130	27.927	35.525	22.815	0.679
140	25.610	36.166	24.037	0.725
150	22.684	36.095	24.857	0.761
160	21.180	35.930	25.154	0.791
170	18.448	35.610	25.628	0.818
180	16.730	35.387	25.876	0.840
190	15.916	35.300	25.999	0.861
200	14.990	35.211	26.138	0.881
250	11.926	34.909	26.533	0.966
300	10.295	34.763	26.717	1.038
350	9.887	34.734	26.763	1.107
400	9.507	34.715	26.812	1.174
450	9.102	34.695	26.863	1.238
500	8.019	34.640	26.989	1.299
550	7.673	34.620	27.024	1.356
600	6.852	34.586	27.113	1.409
650	6.475	34.573	27.154	1.460
700	6.003	34.561	27.206	1.509
750	5.738	34.556	27.235	1.556
800	5.357	34.551	27.278	1.602
900	5.032	34.549	27.314	1.689
1000	4.703	34.547	27.350	1.773
1002	4.703	34.547	27.350	1.775

CAST TG2-94-DI -018 DATE 19 OCT 94 TIME 0837 GMT

LAT 03 00.0S LONG 155 00.0W



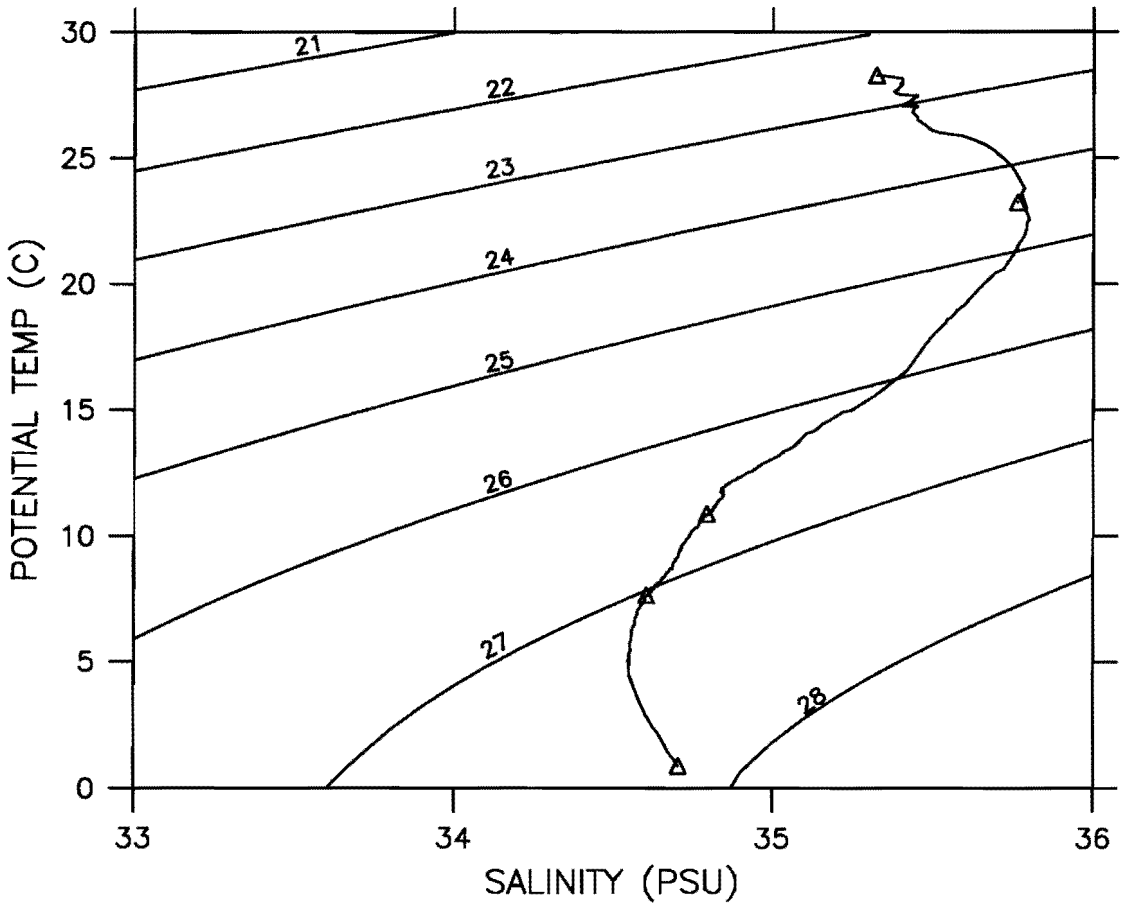


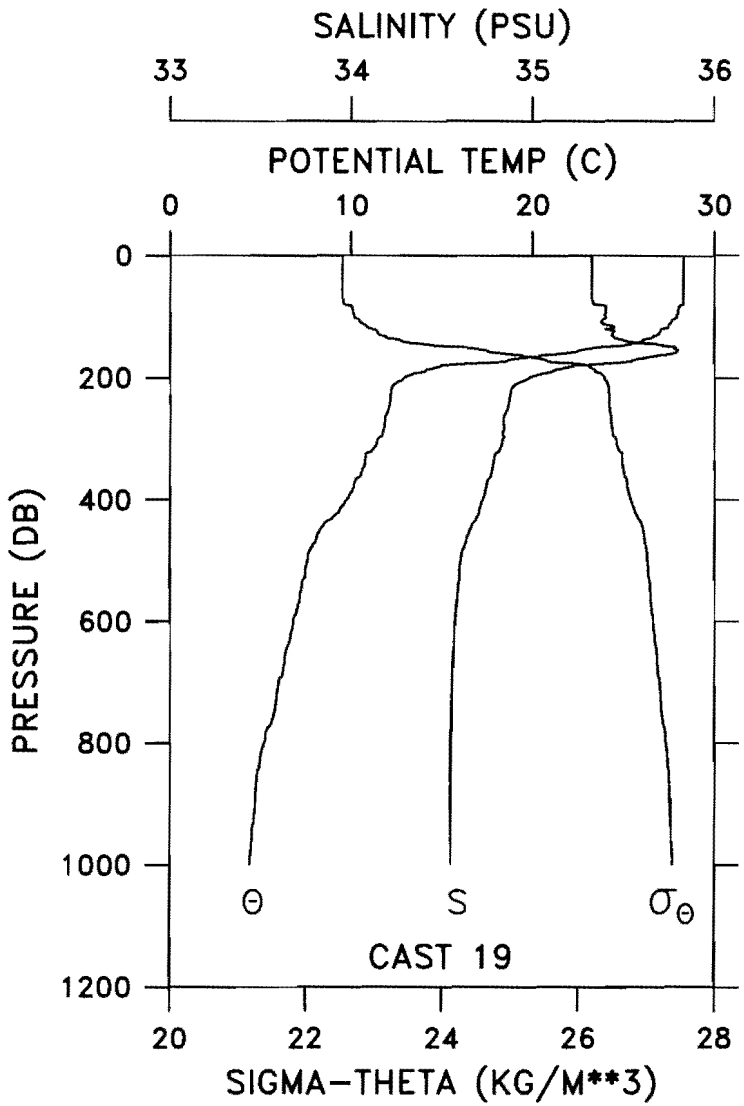
CAST TG2-94-DI -018 DATE 19 OCT 94 TIME 0837 GMT
LAT 03 00.0S LONG 155 00.0W WEATHER 1 SEA STATE 3
BAROMETER 11 WIND DIR 115 T SPD 17 KT VISIBILITY 9
CLOUD 8 AMOUNT 2 DRY 28.0 WET 23.6 DEPTH 4930 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.443	35.487	22.617	0.000
10	28.444	35.484	22.615	0.052
20	28.447	35.484	22.614	0.105
30	28.447	35.483	22.613	0.157
40	28.227	35.475	22.680	0.209
50	27.938	35.475	22.775	0.261
60	27.757	35.485	22.841	0.311
70	27.671	35.483	22.868	0.362
80	27.410	35.476	22.947	0.411
90	27.330	35.471	22.969	0.461
100	27.268	35.495	23.007	0.510
110	27.108	35.474	23.042	0.559
120	26.803	35.469	23.136	0.607
130	26.397	35.490	23.280	0.654
140	24.949	35.621	23.828	0.697
150	23.733	35.715	24.264	0.737
160	22.242	35.725	24.702	0.772
170	21.220	35.692	24.962	0.804
180	20.254	35.646	25.188	0.833
190	19.278	35.606	25.414	0.860
200	16.957	35.424	25.851	0.885
250	12.464	34.971	26.477	0.976
300	10.520	34.774	26.686	1.050
350	10.064	34.743	26.741	1.120
400	9.589	34.728	26.809	1.187
450	8.788	34.682	26.903	1.252
500	8.249	34.651	26.962	1.312
550	7.539	34.617	27.041	1.370
600	6.890	34.586	27.108	1.424
650	6.362	34.570	27.166	1.475
700	5.833	34.559	27.226	1.523
750	5.610	34.553	27.249	1.569
800	5.138	34.549	27.302	1.614
900	4.672	34.552	27.357	1.698
1000	4.310	34.557	27.401	1.777
1003	4.303	34.556	27.401	1.779

CAST TG2-94-DI -019 DATE 19 OCT 94 TIME 1413 GMT

LAT 02 02.8S LONG 155 00.6W



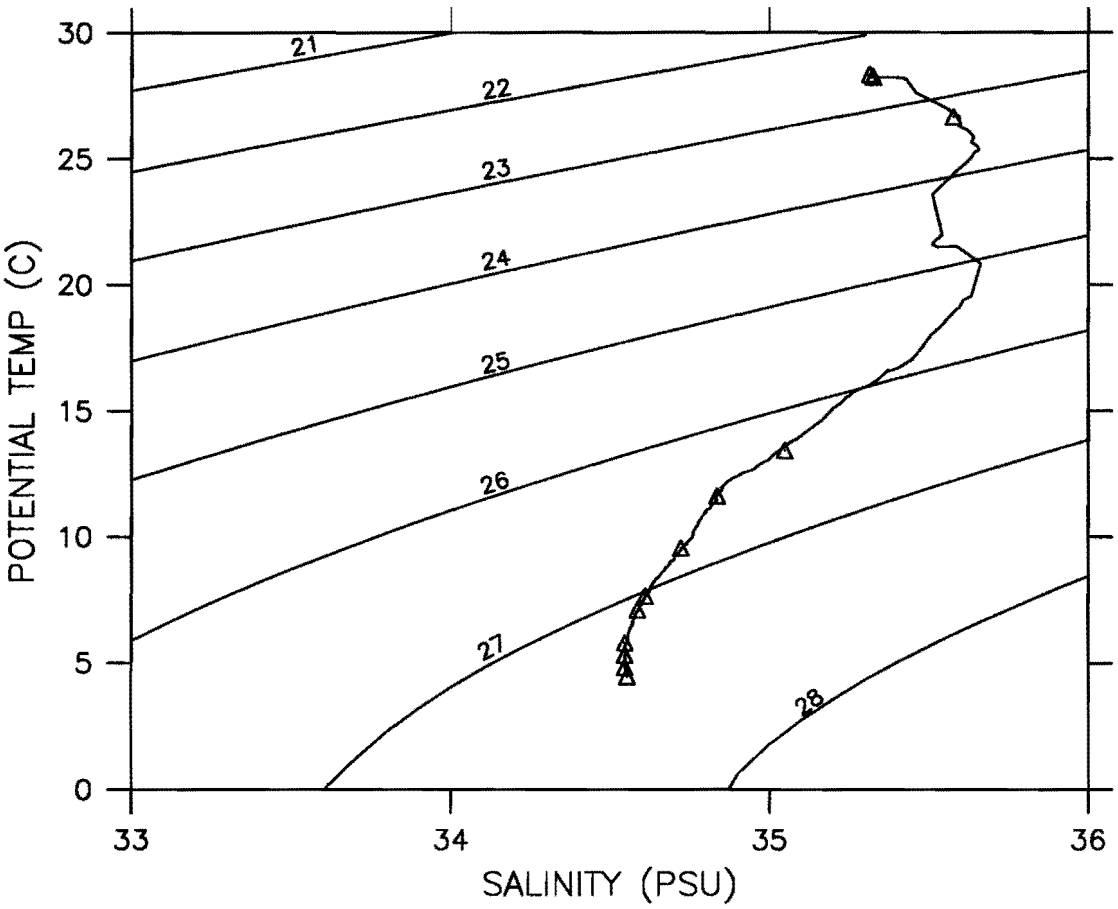


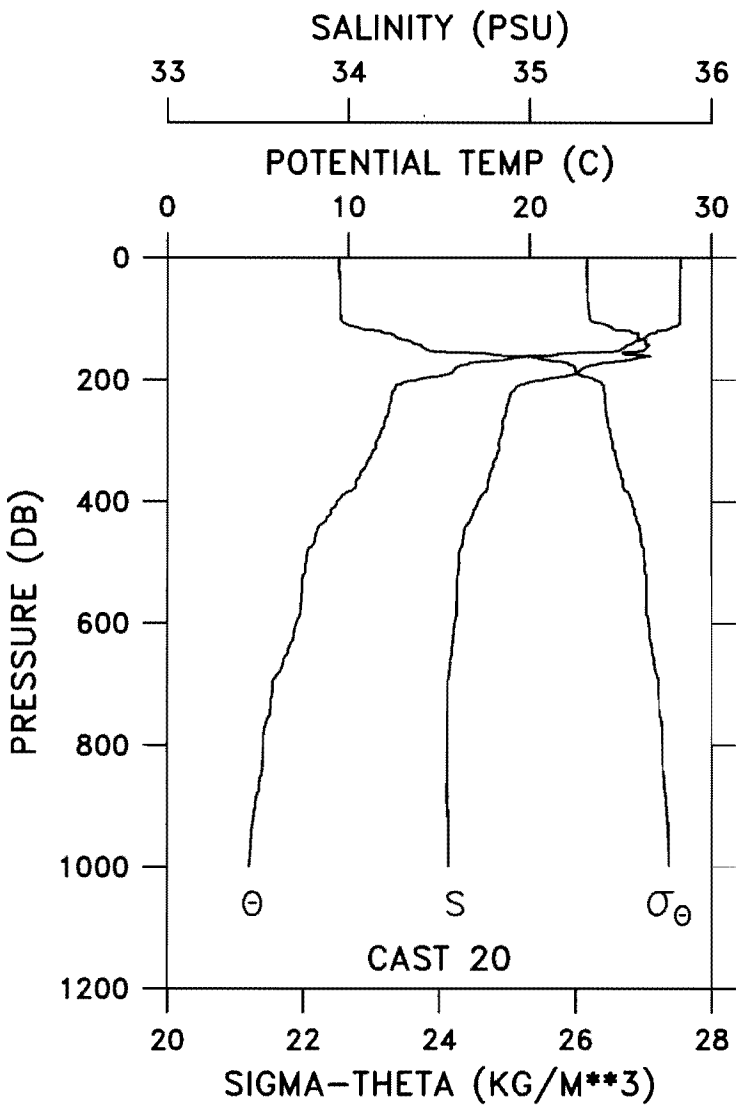
CAST TG2-94-DI -019 DATE 19 OCT 94 TIME 1413 GMT
LAT 02 02.8S LONG 155 00.6W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 120 T SPD 09 KT VISIBILITY 8
CLOUD 8 AMOUNT 2 DRY 27.0 WET 23.5 DEPTH 4598 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.286	35.328	22.550	0.000
10	28.291	35.326	22.547	0.053
20	28.297	35.327	22.546	0.106
30	28.297	35.327	22.546	0.159
40	28.295	35.327	22.546	0.212
50	28.296	35.327	22.546	0.265
60	28.295	35.327	22.546	0.318
70	28.293	35.327	22.547	0.371
80	28.232	35.359	22.591	0.425
90	28.011	35.403	22.696	0.477
100	27.938	35.403	22.720	0.528
110	27.573	35.385	22.825	0.580
120	27.076	35.402	22.998	0.630
130	26.807	35.434	23.109	0.678
140	26.001	35.519	23.426	0.725
150	23.596	35.775	24.349	0.767
160	21.621	35.768	24.909	0.800
170	18.778	35.565	25.511	0.828
180	14.946	35.233	26.164	0.850
190	14.037	35.103	26.260	0.869
200	12.922	34.981	26.394	0.886
250	12.080	34.863	26.468	0.967
300	11.462	34.837	26.564	1.047
350	10.635	34.778	26.668	1.121
400	9.760	34.725	26.779	1.191
450	8.285	34.654	26.959	1.255
500	7.596	34.604	27.023	1.312
550	7.231	34.589	27.063	1.367
600	6.812	34.573	27.108	1.420
650	6.382	34.564	27.159	1.471
700	6.013	34.556	27.201	1.521
750	5.748	34.554	27.232	1.568
800	5.200	34.549	27.295	1.613
900	4.707	34.549	27.351	1.696
1000	4.398	34.552	27.388	1.776
1500	2.929	34.600	27.572	2.122
2000	2.171	34.640	27.670	2.407
2500	1.723	34.660	27.721	2.657
3000	1.421	34.673	27.754	2.891
3500	1.232	34.685	27.776	3.114
4000	1.083	34.694	27.794	3.330
4500	0.935	34.701	27.809	3.544
4654	0.881	34.703	27.814	3.608

CAST TG2-94-DI -020 DATE 20 OCT 94 TIME 0701 GMT

LAT 01 29.6S LONG 155 00.0W



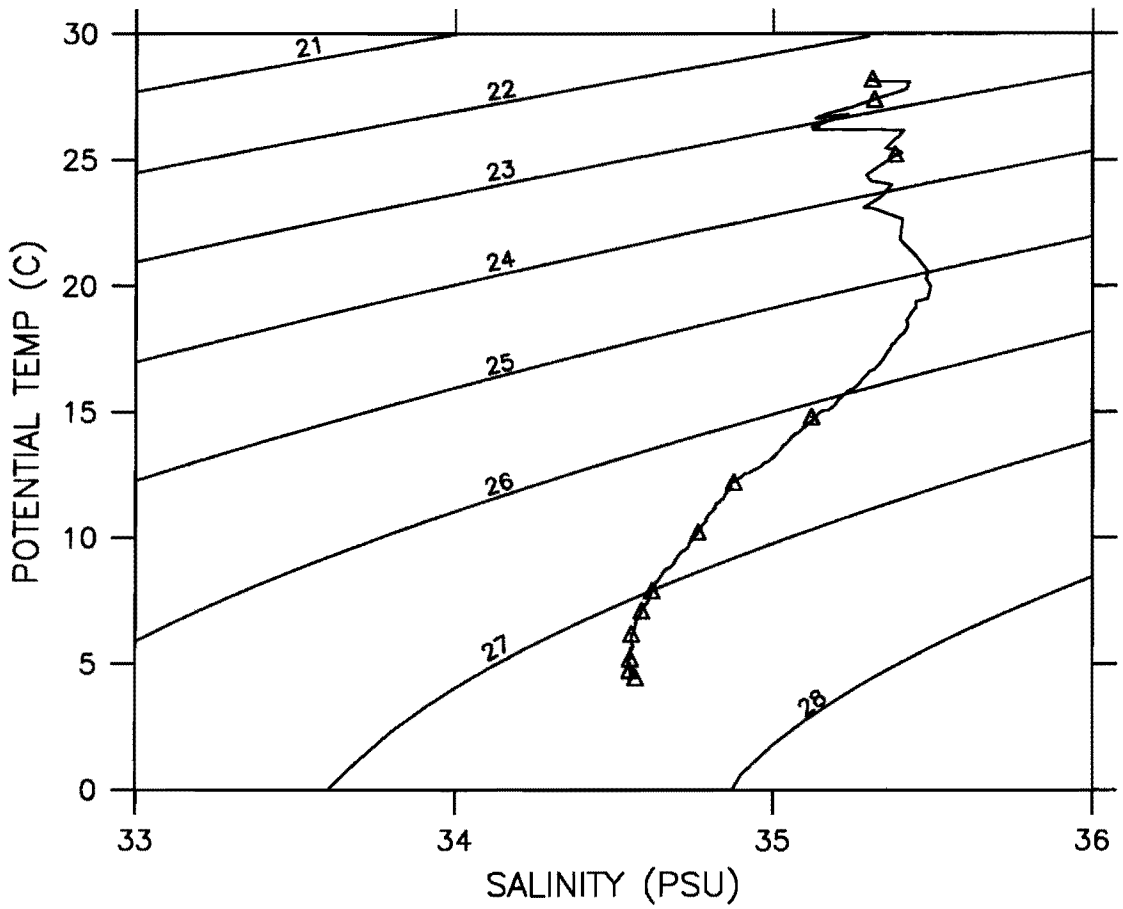


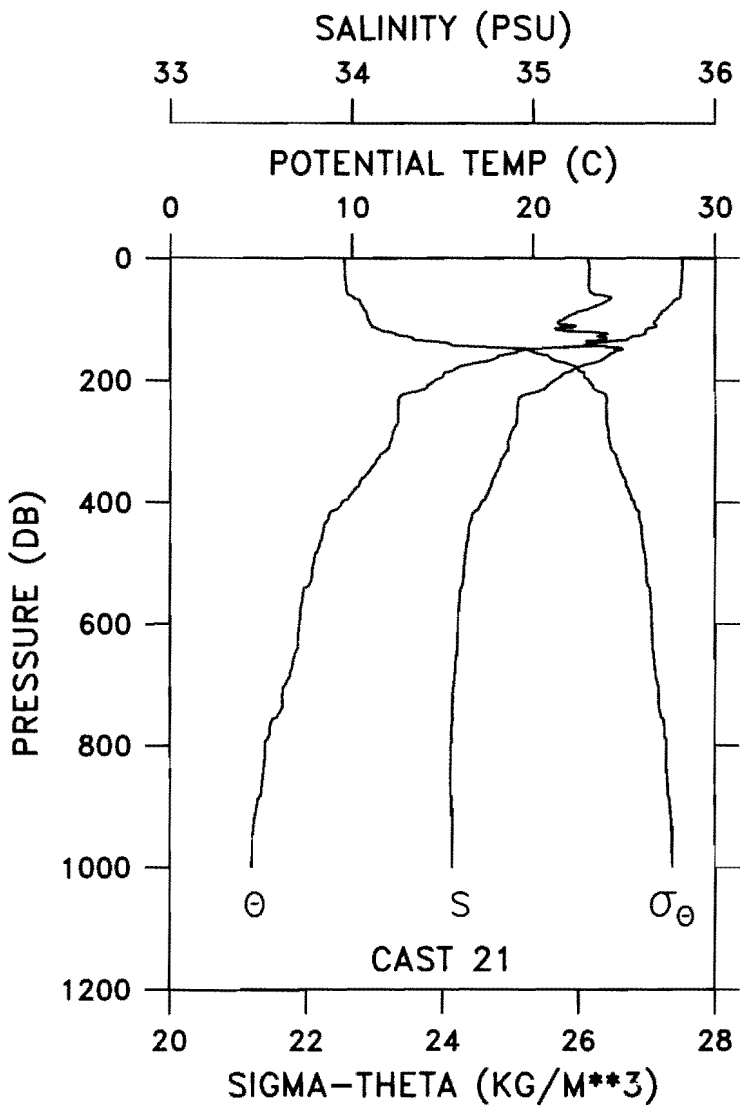
CAST TG2-94-DI -020 DATE 20 OCT 94 TIME 0701 GMT
LAT 01 29.6S LONG 155 00.0W WEATHER 2 SEA STATE 4
BAROMETER 10 WIND DIR 075 T SPD 15 KT VISIBILITY 8
CLOUD 4 AMOUNT 6 DRY 28.6 WET 23.9 DEPTH 4803 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.298	35.314	22.536	0.000
10	28.300	35.313	22.534	0.053
20	28.308	35.313	22.531	0.106
30	28.293	35.313	22.536	0.159
40	28.263	35.315	22.547	0.212
50	28.260	35.316	22.549	0.265
60	28.257	35.317	22.551	0.319
70	28.255	35.318	22.553	0.372
80	28.252	35.321	22.555	0.425
90	28.251	35.324	22.558	0.478
100	28.247	35.328	22.562	0.531
110	28.182	35.424	22.656	0.584
120	27.011	35.555	23.134	0.635
130	26.383	35.596	23.365	0.682
140	25.654	35.634	23.622	0.726
150	25.025	35.632	23.813	0.768
160	21.191	35.625	24.919	0.805
170	17.523	35.479	25.757	0.831
180	15.920	35.295	25.994	0.853
190	15.586	35.248	26.034	0.873
200	13.820	35.074	26.283	0.892
250	12.217	34.869	26.446	0.975
300	11.576	34.831	26.538	1.055
350	10.734	34.785	26.656	1.131
400	9.389	34.715	26.832	1.201
450	8.266	34.640	26.951	1.263
500	7.670	34.612	27.018	1.321
550	7.437	34.599	27.042	1.376
600	7.113	34.587	27.078	1.431
650	6.634	34.570	27.131	1.484
700	5.797	34.549	27.222	1.533
750	5.651	34.547	27.238	1.579
800	5.298	34.546	27.281	1.624
900	4.845	34.546	27.333	1.711
1000	4.488	34.553	27.379	1.792
1005	4.474	34.553	27.380	1.796

CAST TG2-94-DI -021 DATE 20 OCT 94 TIME 1002 GMT

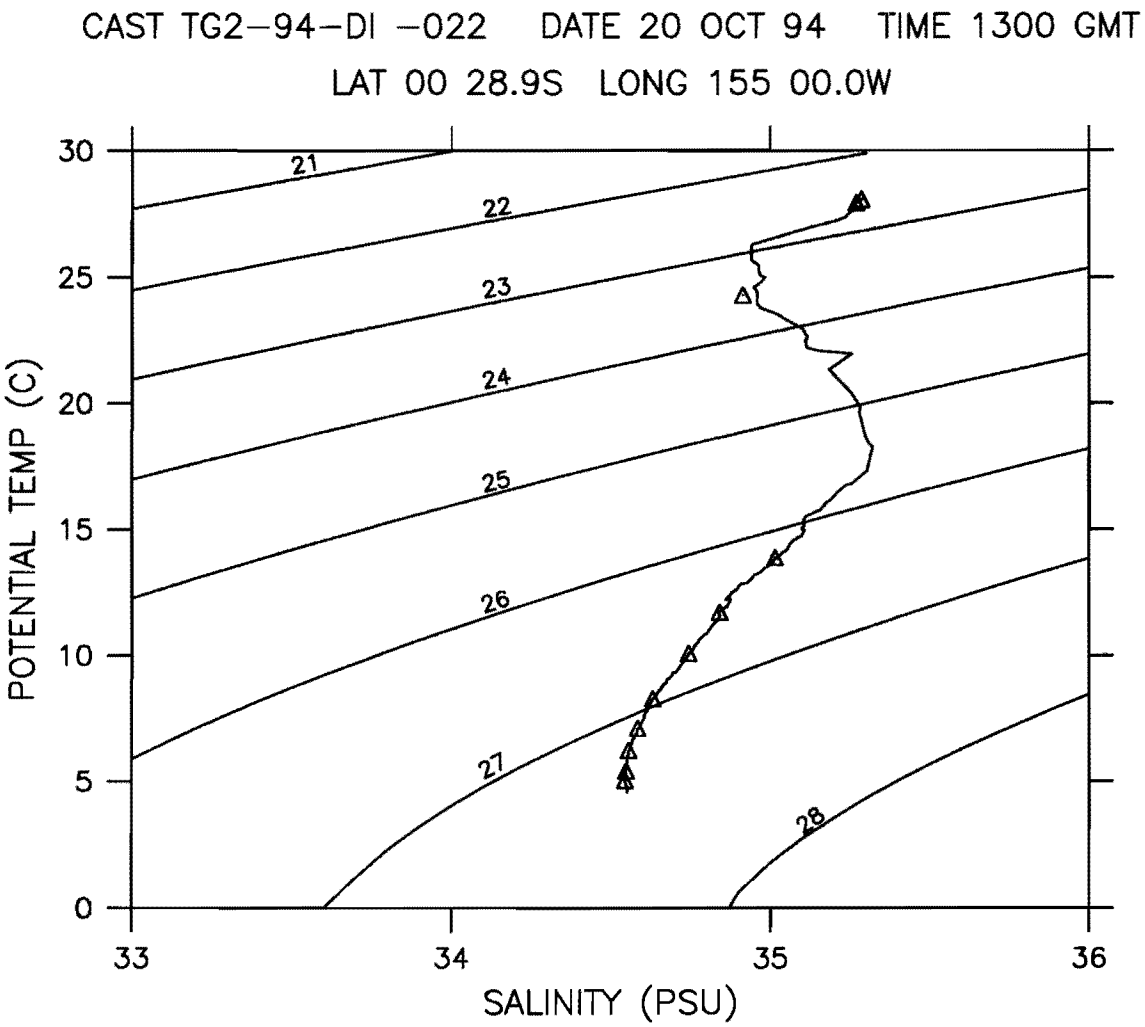
LAT 00 59.8S LONG 155 00.0W

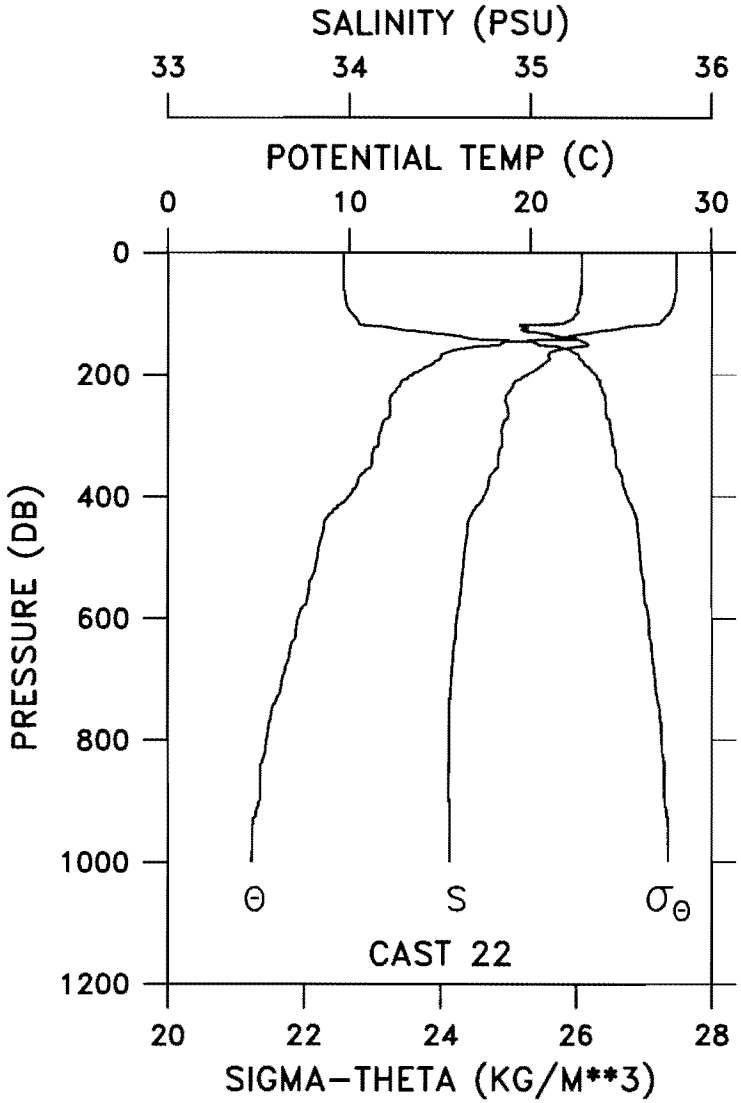




CAST TG2-94-DI -021 DATE 20 OCT 94 TIME 1002 GMT
LAT 00 59.8S LONG 155 00.0W WEATHER 1 SEA STATE 4
BAROMETER 10 WIND DIR 065 T SPD 12 KT VISIBILITY 8
CLOUD 2 AMOUNT 4 DRY 27.0 WET 23.0 DEPTH 4745 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.216	35.305	22.555	0.000
10	28.216	35.310	22.559	0.053
20	28.203	35.309	22.563	0.106
30	28.201	35.309	22.563	0.158
40	28.180	35.307	22.569	0.211
50	28.136	35.308	22.584	0.264
60	28.128	35.365	22.629	0.317
70	27.775	35.408	22.777	0.368
80	27.449	35.329	22.823	0.419
90	27.071	35.237	22.876	0.470
100	26.817	35.165	22.902	0.520
110	26.801	35.230	22.957	0.569
120	26.196	35.254	23.166	0.618
130	25.321	35.403	23.550	0.664
140	23.151	35.291	24.112	0.706
150	19.487	35.487	25.269	0.740
160	18.091	35.409	25.564	0.766
170	17.127	35.349	25.753	0.790
180	15.799	35.233	25.974	0.812
190	15.063	35.161	26.083	0.832
200	14.595	35.116	26.151	0.852
250	12.558	34.912	26.413	0.939
300	12.130	34.862	26.458	1.022
350	10.966	34.799	26.626	1.100
400	9.499	34.717	26.816	1.170
450	8.425	34.644	26.930	1.232
500	7.914	34.622	26.990	1.291
550	7.336	34.597	27.054	1.348
600	7.113	34.587	27.078	1.402
650	6.867	34.578	27.105	1.455
700	6.321	34.563	27.166	1.507
750	5.908	34.555	27.213	1.556
800	5.214	34.548	27.292	1.601
900	4.765	34.550	27.346	1.687
1000	4.452	34.556	27.385	1.768
1001	4.448	34.556	27.385	1.768


CAST TG2-94-DI -022 DATE 20 OCT 94 TIME 1300 GMT
LAT 00 28.9S LONG 155 00.0W
POTENTIAL TEMP (C)
SALINITY (PSU)
21
22
23
24
25
26
27
28
30
25
20
15
10
5
0
33
34
35
36

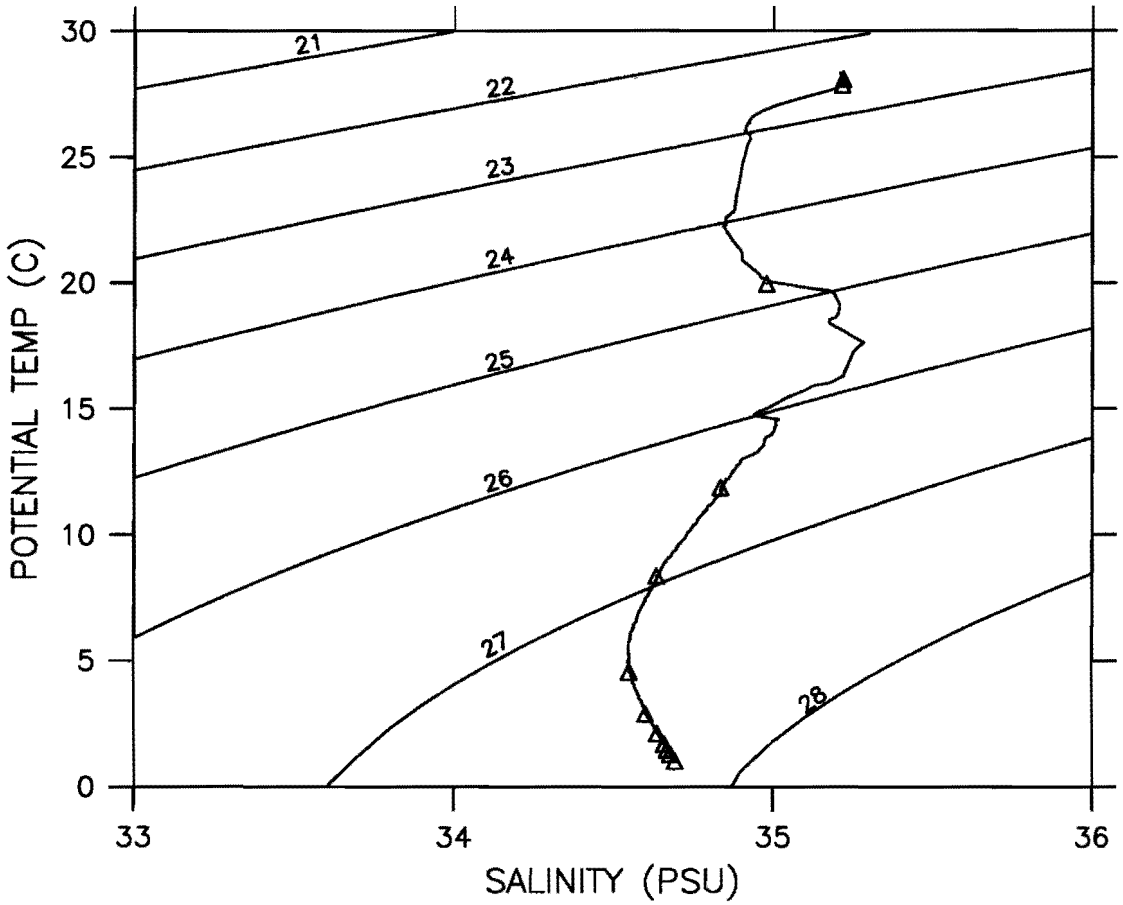


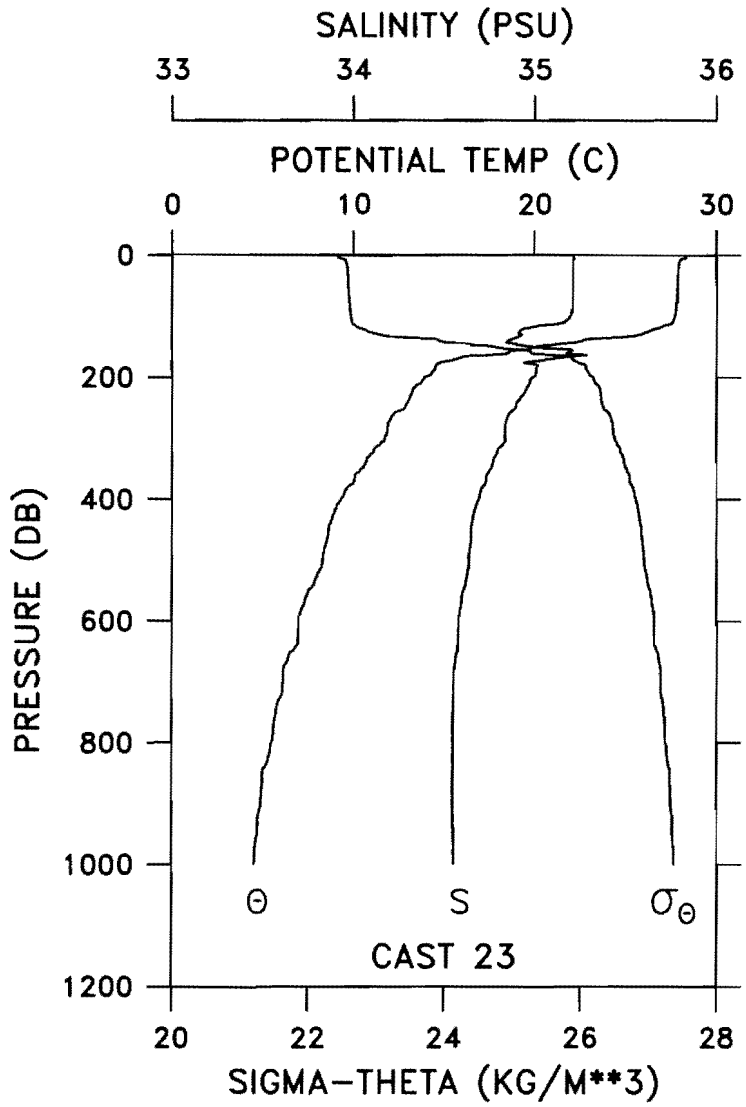
CAST TG2-94-DI -022 DATE 20 OCT 94 TIME 1300 GMT
LAT 00 28.9S LONG 155 00.0W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 070 T SPD 09 KT VISIBILITY 8
CLOUD 2 AMOUNT 5 DRY 27.0 WET 23.5 DEPTH 4875 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.084	35.286	22.584	0.000
10	28.081	35.284	22.584	0.053
20	28.081	35.284	22.584	0.105
30	28.076	35.283	22.585	0.158
40	28.076	35.284	22.585	0.210
50	28.066	35.282	22.588	0.263
60	28.047	35.280	22.592	0.316
70	27.991	35.275	22.607	0.369
80	27.939	35.268	22.618	0.421
90	27.829	35.259	22.647	0.474
100	27.626	35.257	22.712	0.526
110	27.348	35.228	22.780	0.577
120	25.699	34.940	23.083	0.628
130	23.531	35.023	23.798	0.673
140	21.965	35.254	24.422	0.711
150	18.343	35.314	25.429	0.741
160	15.696	35.142	25.927	0.764
170	15.025	35.098	26.043	0.785
180	14.676	35.084	26.108	0.805
190	14.047	35.035	26.205	0.824
200	13.478	34.982	26.282	0.842
250	12.227	34.868	26.444	0.926
300	11.625	34.840	26.536	1.007
350	11.206	34.819	26.597	1.084
400	9.930	34.739	26.760	1.155
450	8.591	34.650	26.909	1.219
500	8.233	34.631	26.949	1.280
550	7.779	34.615	27.004	1.338
600	7.164	34.591	27.074	1.394
650	6.742	34.572	27.117	1.447
700	6.285	34.560	27.168	1.498
750	5.713	34.551	27.234	1.547
800	5.420	34.548	27.268	1.593
900	5.029	34.544	27.311	1.680
1000	4.577	34.553	27.369	1.763
1001	4.575	34.552	27.369	1.763

CAST TG2-94-DI -023 DATE 21 OCT 94 TIME 0604 GMT

LAT 00 04.6N LONG 155 00.6W



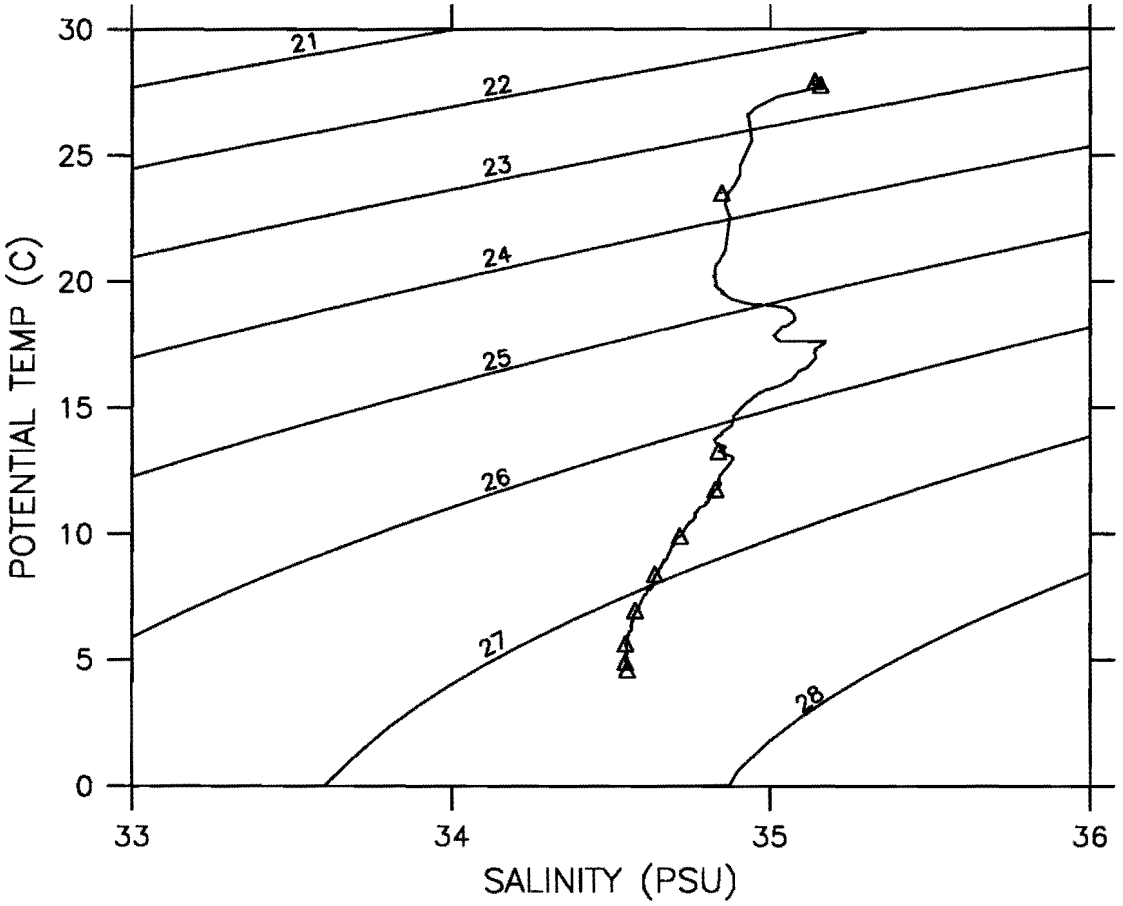


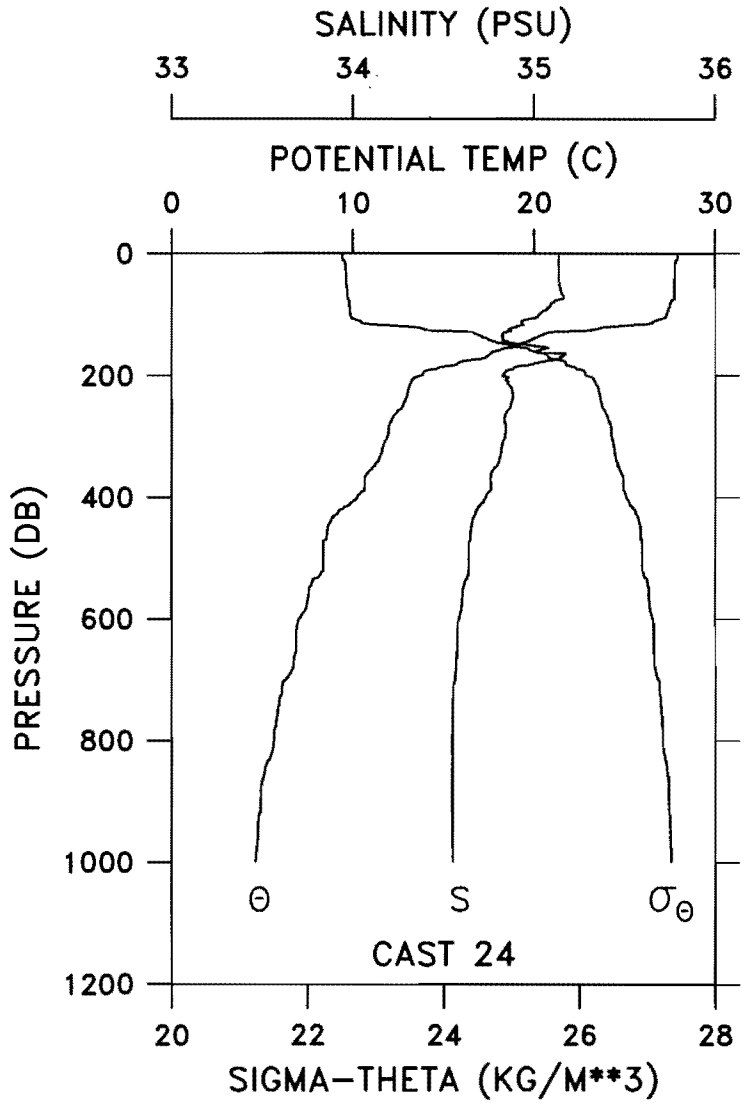
CAST TG2-94-DI -023 DATE 21 OCT 94 TIME 0604 GMT
LAT 00 04.6N LONG 155 00.6W WEATHER 2 SEA STATE 3
BAROMETER 11 WIND DIR 050 T SPD 04 KT VISIBILITY 9
CLOUD 3 AMOUNT 7 DRY 27.9 WET 24.2 DEPTH 4632 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.337	35.210	22.444	0.000
10	27.992	35.212	22.559	0.053
20	27.928	35.211	22.579	0.106
30	27.904	35.211	22.587	0.159
40	27.893	35.211	22.591	0.211
50	27.880	35.212	22.595	0.264
60	27.862	35.212	22.601	0.317
70	27.837	35.211	22.609	0.369
80	27.809	35.209	22.616	0.422
90	27.781	35.205	22.623	0.475
100	27.719	35.195	22.635	0.527
110	27.607	35.163	22.648	0.580
120	26.636	34.938	22.789	0.632
130	25.705	34.928	23.072	0.682
140	22.617	34.851	23.932	0.726
150	20.050	34.988	24.741	0.763
160	18.542	35.176	25.273	0.792
170	15.657	35.083	25.891	0.815
180	14.573	35.013	26.076	0.836
190	14.392	35.008	26.111	0.856
200	13.906	34.986	26.197	0.875
250	12.842	34.895	26.344	0.965
300	11.746	34.838	26.512	1.047
350	10.423	34.756	26.689	1.122
400	9.342	34.691	26.821	1.190
450	8.663	34.651	26.899	1.253
500	8.330	34.637	26.939	1.314
550	7.560	34.606	27.029	1.373
600	7.022	34.583	27.088	1.427
650	6.640	34.574	27.132	1.480
700	6.129	34.556	27.185	1.529
750	5.737	34.550	27.231	1.577
800	5.493	34.549	27.260	1.623
900	4.895	34.548	27.329	1.710
1000	4.520	34.555	27.377	1.792
1500	2.984	34.601	27.568	2.151
2000	2.149	34.639	27.671	2.437
2500	1.693	34.662	27.725	2.688
3000	1.482	34.672	27.748	2.923
3500	1.289	34.681	27.769	3.152
4000	1.099	34.692	27.791	3.371
4428	1.009	34.696	27.801	3.557

CAST TG2-94-DI -024 DATE 21 OCT 94 TIME 0936 GMT

LAT 00 30.3N LONG 155 00.0W



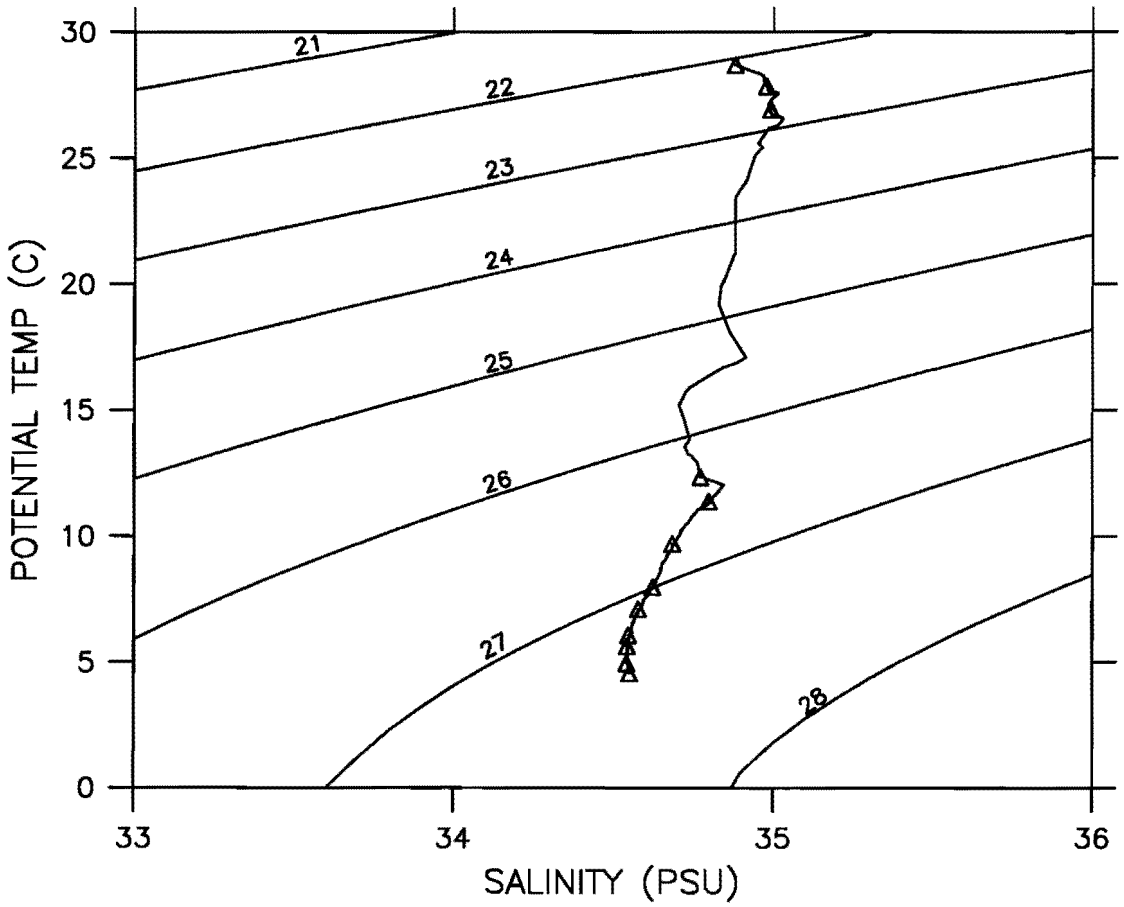


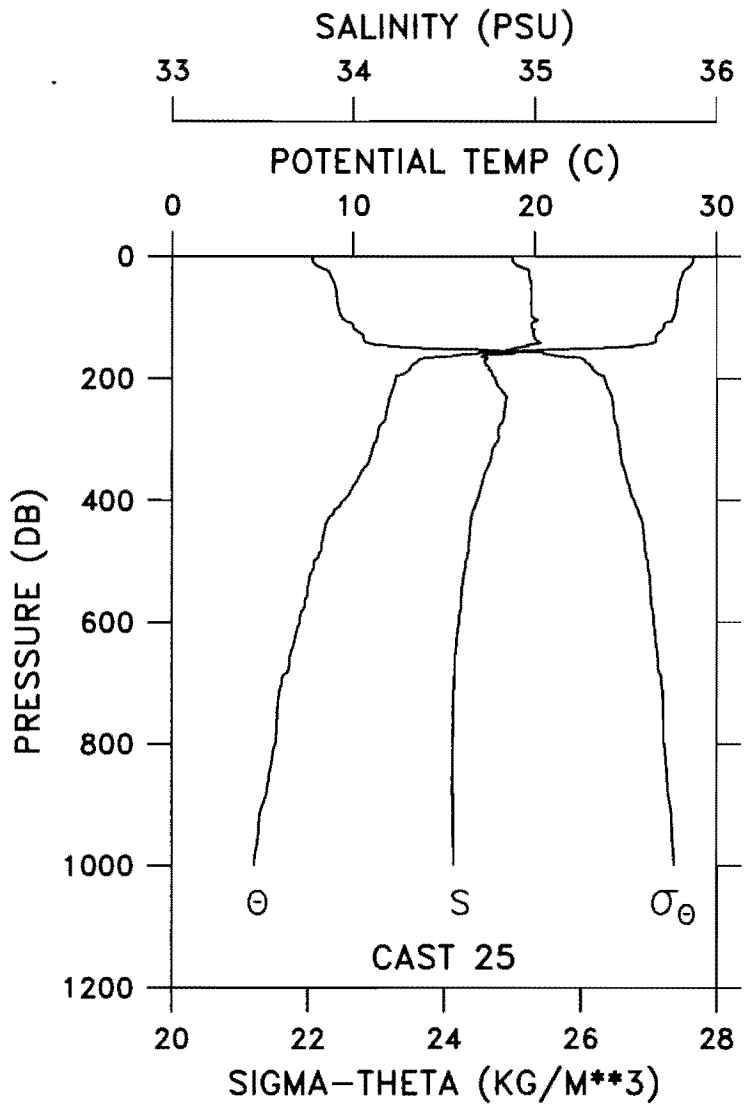
CAST TG2-94-DI -024 DATE 21 OCT 94 TIME 0936 GMT
LAT 00 30.3N LONG 155 00.0W WEATHER 2 SEA STATE 3
BAROMETER 12 WIND DIR 130 T SPD 14 KT VISIBILITY 8
CLOUD 3 AMOUNT 7 DRY 26.0 WET 24.0 DEPTH 4765 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.961	35.140	22.515	0.000
10	27.929	35.137	22.523	0.053
20	27.814	35.137	22.560	0.106
30	27.802	35.139	22.566	0.159
40	27.793	35.139	22.569	0.212
50	27.779	35.140	22.574	0.265
60	27.763	35.146	22.584	0.318
70	27.778	35.163	22.592	0.370
80	27.568	35.106	22.617	0.423
90	27.475	35.073	22.622	0.476
100	27.343	35.029	22.632	0.528
110	26.732	34.940	22.760	0.580
120	24.235	34.904	23.501	0.630
130	20.713	34.834	24.446	0.670
140	19.919	34.831	24.656	0.704
150	19.072	34.971	24.982	0.736
160	17.880	35.012	25.311	0.765
170	17.310	35.141	25.550	0.790
180	15.750	35.000	25.805	0.814
190	14.329	34.881	26.026	0.835
200	13.743	34.824	26.106	0.855
250	12.757	34.870	26.342	0.945
300	11.911	34.840	26.483	1.028
350	11.089	34.788	26.595	1.107
400	10.253	34.734	26.701	1.181
450	8.627	34.653	26.906	1.246
500	8.390	34.640	26.933	1.307
550	7.594	34.608	27.026	1.366
600	7.000	34.585	27.092	1.421
650	6.869	34.576	27.103	1.474
700	6.273	34.565	27.174	1.526
750	5.844	34.551	27.218	1.574
800	5.632	34.548	27.242	1.621
900	4.901	34.547	27.327	1.708
1000	4.629	34.551	27.362	1.791
1005	4.617	34.551	27.363	1.795

CAST TG2-94-DI -025 DATE 21 OCT 94 TIME 1233 GMT

LAT 01 00.0N LONG 155 00.5W



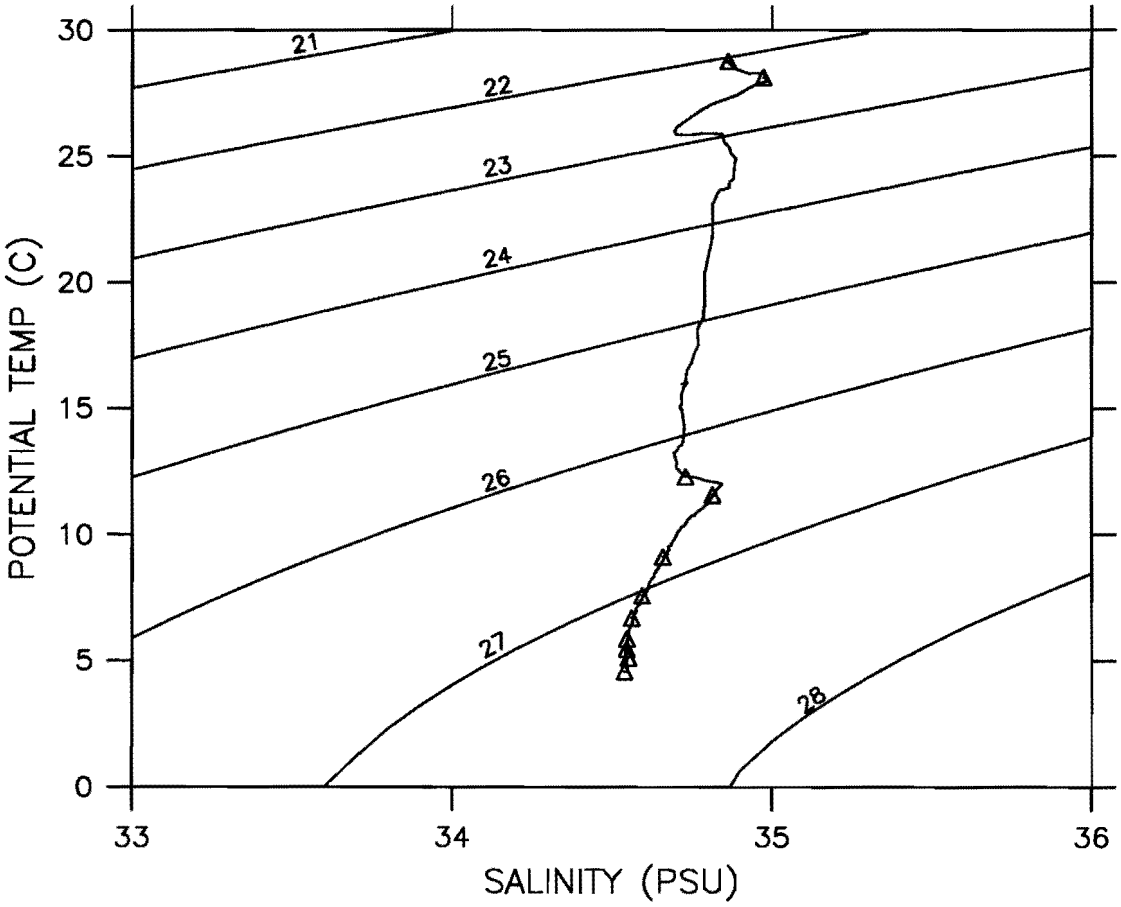


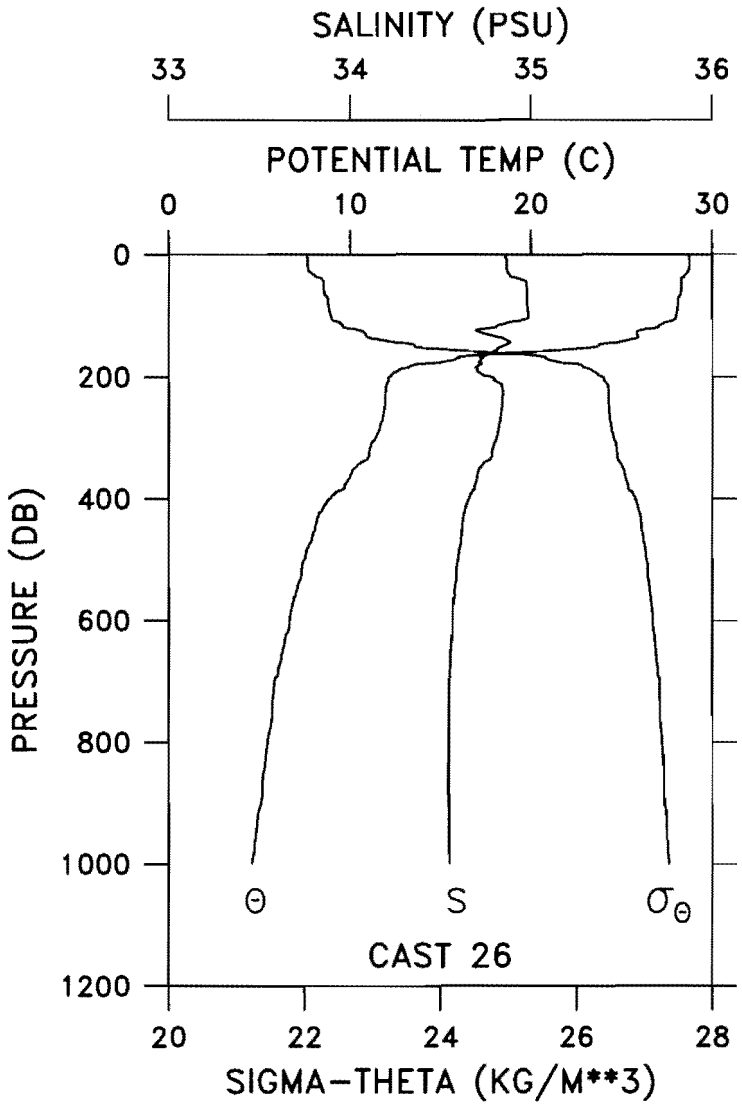
CAST TG2-94-DI -025 DATE 21 OCT 94 TIME 1233 GMT
LAT 01 00.0N LONG 155 00.5W WEATHER 2 SEA STATE 3
BAROMETER 11 WIND DIR 075 T SPD 15 KT VISIBILITY 8
CLOUD 3 AMOUNT 7 DRY 27.0 WET 23.0 DEPTH 4745 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.708	34.878	22.072	0.000
10	28.686	34.881	22.082	0.057
20	28.408	34.939	22.217	0.114
30	28.135	34.968	22.329	0.170
40	28.002	34.975	22.378	0.225
50	27.921	34.981	22.408	0.279
60	27.867	34.981	22.426	0.333
70	27.851	34.981	22.431	0.388
80	27.815	34.980	22.442	0.442
90	27.739	34.981	22.467	0.496
100	27.621	34.989	22.512	0.550
110	27.169	34.982	22.653	0.603
120	27.040	34.998	22.706	0.656
130	26.682	34.993	22.816	0.707
140	26.647	35.017	22.845	0.758
150	23.704	34.893	23.649	0.806
160	16.681	34.841	25.468	0.838
170	13.577	34.726	26.064	0.860
180	13.197	34.743	26.155	0.879
190	12.913	34.760	26.225	0.898
200	12.327	34.782	26.357	0.916
250	11.861	34.834	26.487	0.998
300	11.297	34.800	26.566	1.076
350	10.535	34.734	26.652	1.152
400	9.453	34.682	26.796	1.222
450	8.435	34.644	26.928	1.285
500	7.873	34.620	26.995	1.344
550	7.489	34.596	27.032	1.401
600	7.069	34.583	27.081	1.455
650	6.571	34.564	27.134	1.508
700	6.050	34.554	27.194	1.558
750	5.797	34.549	27.222	1.605
800	5.711	34.549	27.232	1.652
900	5.001	34.548	27.317	1.742
1000	4.530	34.553	27.374	1.825
1000	4.530	34.553	27.374	1.825

CAST TG2-94-DI -026 DATE 21 OCT 94 TIME 1520 GMT

LAT 01 30.0N LONG 155 00.1W



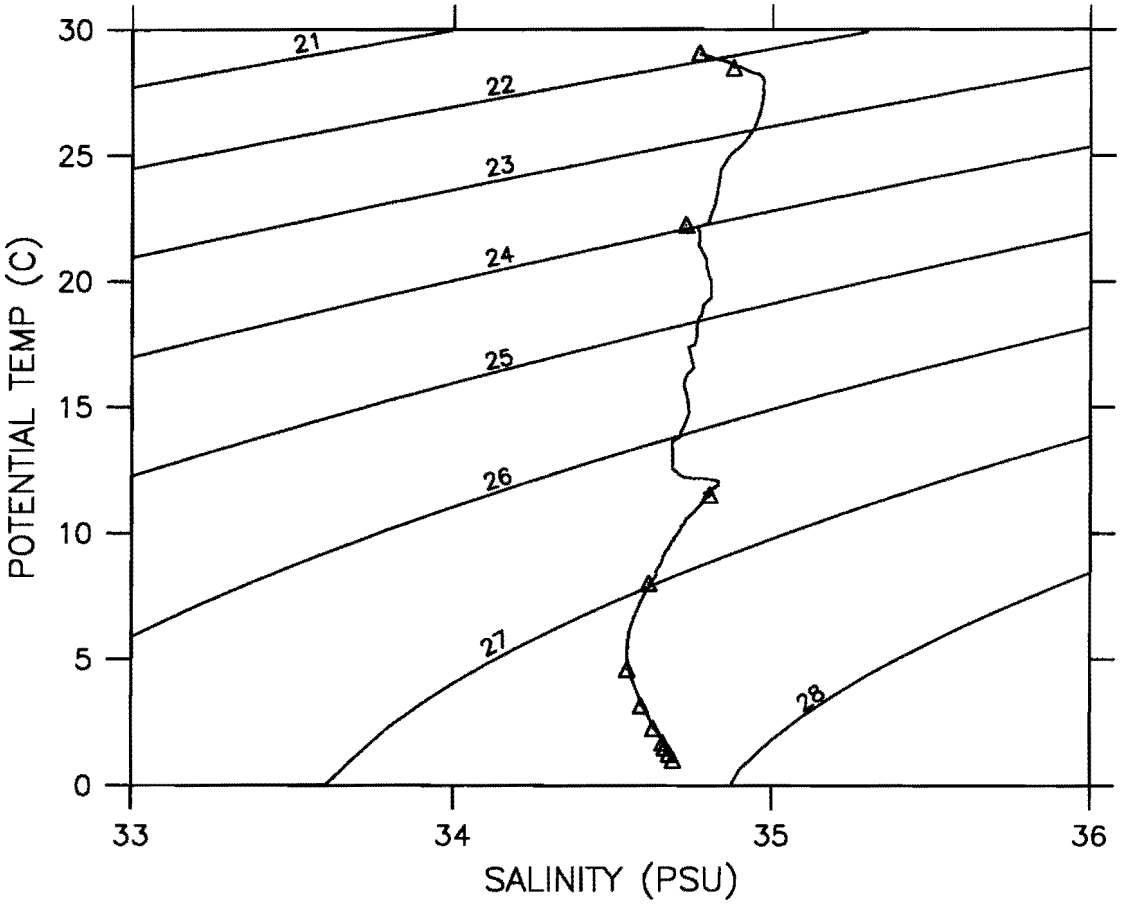


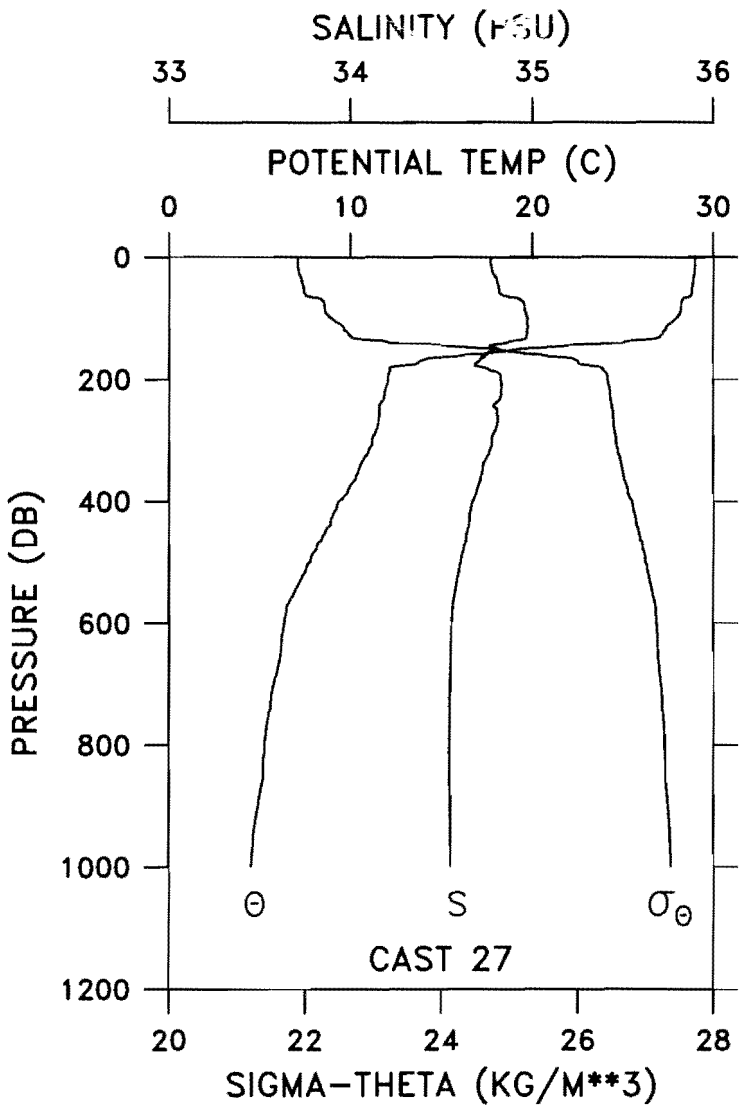
CAST TG2-94-DI -026 DATE 21 OCT 94 TIME 1520 GMT
LAT 01 30.0N LONG 155 00.1W WEATHER 1 SEA STATE 3
BAROMETER 11 WIND DIR 100 T SPD 09 KT VISIBILITY 8
CLOUD 6 AMOUNT 7 DRY 27.5 WET 23.0 DEPTH 0995 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.748	34.860	22.045	0.000
10	28.745	34.866	22.051	0.058
20	28.743	34.867	22.052	0.115
30	28.608	34.873	22.101	0.173
40	28.281	34.940	22.259	0.230
50	28.303	34.976	22.279	0.285
60	28.285	34.978	22.287	0.341
70	28.137	34.979	22.336	0.397
80	28.106	34.977	22.345	0.452
90	28.071	34.982	22.360	0.507
100	28.005	34.986	22.385	0.562
110	27.410	34.889	22.505	0.617
120	26.829	34.780	22.609	0.670
130	25.851	34.757	22.899	0.721
140	25.323	34.869	23.145	0.770
150	23.671	34.840	23.619	0.815
160	19.579	34.789	24.712	0.854
170	15.892	34.730	25.565	0.882
180	13.566	34.721	26.062	0.905
190	12.664	34.703	26.230	0.924
200	12.199	34.779	26.380	0.941
250	11.927	34.840	26.479	1.022
300	11.418	34.810	26.551	1.102
350	10.229	34.717	26.692	1.177
400	8.915	34.657	26.863	1.245
450	8.083	34.619	26.963	1.305
500	7.505	34.598	27.031	1.361
550	7.069	34.579	27.078	1.416
600	6.672	34.569	27.124	1.468
650	6.282	34.556	27.166	1.518
700	5.828	34.551	27.219	1.567
750	5.693	34.547	27.233	1.613
800	5.453	34.546	27.262	1.659
900	5.089	34.546	27.305	1.748
1000	4.579	34.552	27.368	1.832
1004	4.572	34.551	27.368	1.835

CAST TG2-94-DI -027 DATE 21 OCT 94 TIME 1949 GMT

LAT 02 03.3N LONG 155 00.3W



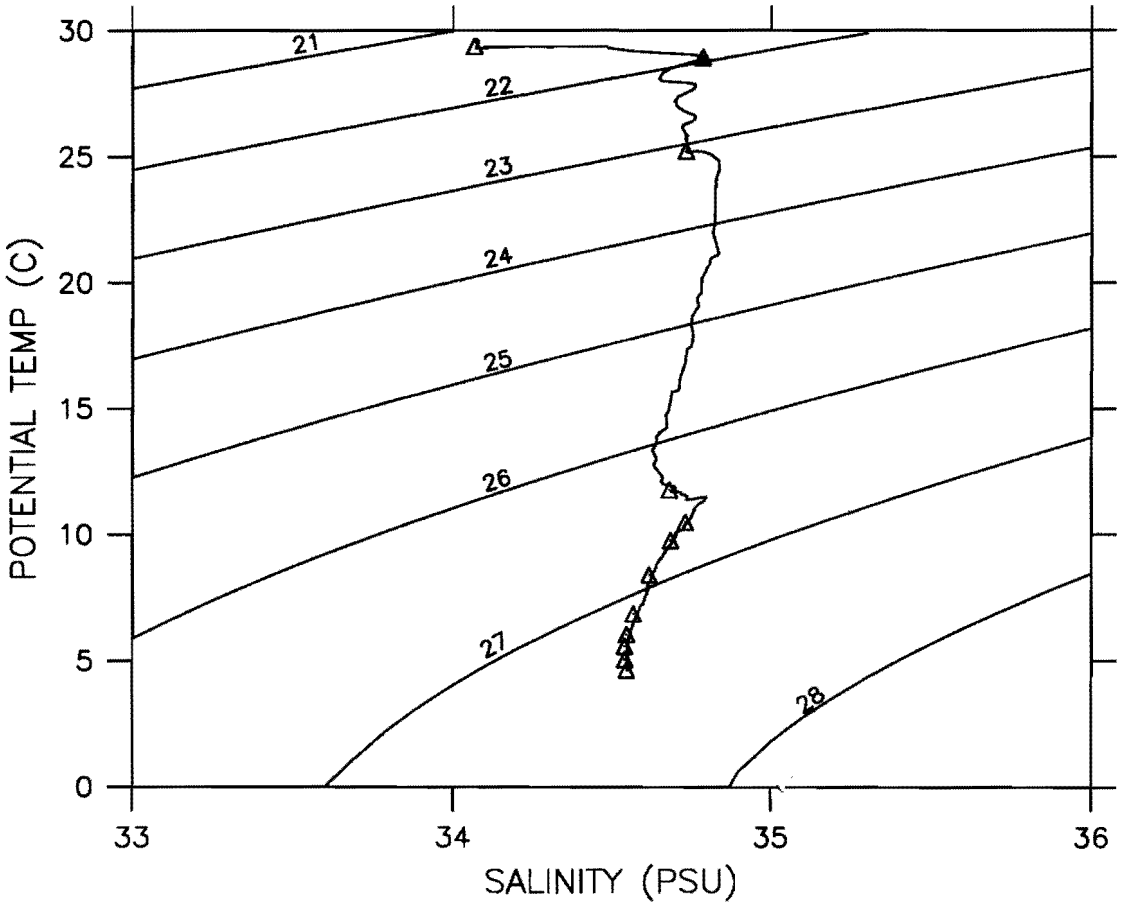


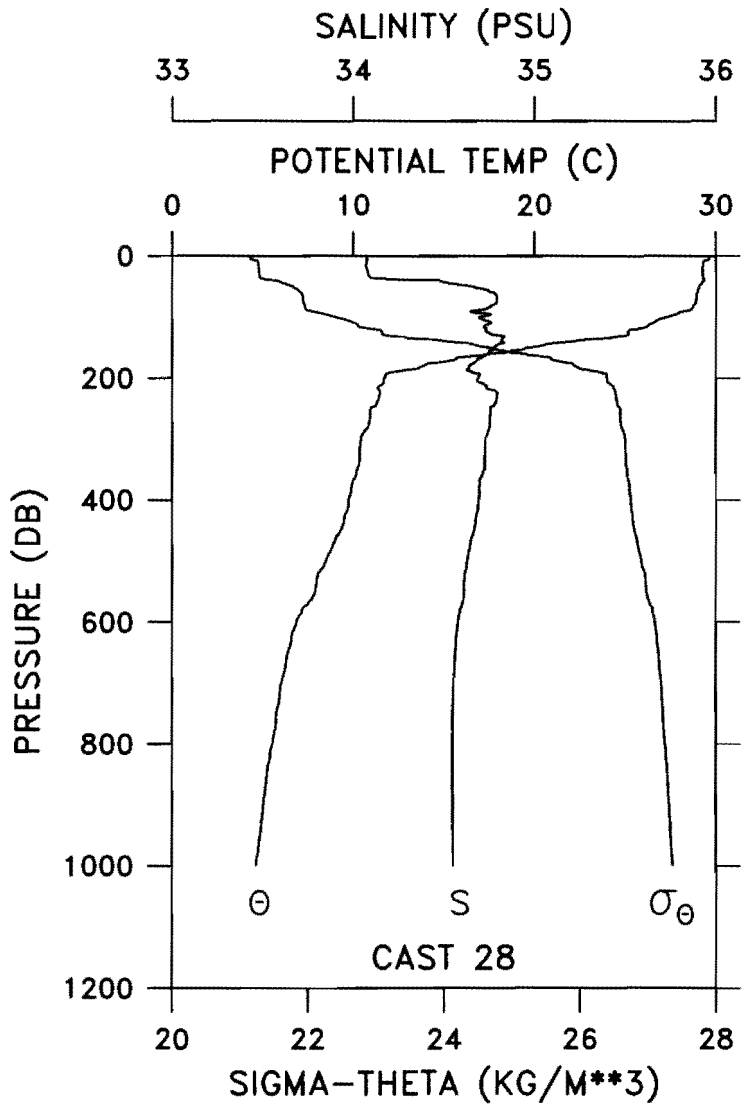
CAST TG2-94-DI -027 DATE 21 OCT 94 TIME 1949 GMT
LAT 02 03.3N LONG 155 00.3W WEATHER 1 SEA STATE 3
BAROMETER 13 WIND DIR 090 T SPD 12 KT VISIBILITY 8
CLOUD 3 AMOUNT 6 DRY 29.2 WET 24.1 DEPTH 4713 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.008	34.774	21.894	0.000
10	29.006	34.773	21.894	0.059
20	28.993	34.779	21.902	0.118
30	28.948	34.794	21.929	0.177
40	28.891	34.807	21.958	0.236
50	28.837	34.816	21.983	0.295
60	28.801	34.826	22.002	0.353
70	28.282	34.936	22.256	0.411
80	28.223	34.955	22.290	0.466
90	28.186	34.961	22.306	0.522
100	27.952	34.973	22.392	0.577
110	27.530	34.972	22.528	0.632
120	27.287	34.969	22.605	0.685
130	27.045	34.968	22.682	0.737
140	24.909	34.860	23.265	0.787
150	19.343	34.806	24.787	0.826
160	16.257	34.731	25.483	0.855
170	13.786	34.709	26.008	0.877
180	12.209	34.725	26.336	0.897
190	12.113	34.817	26.425	0.914
200	12.063	34.826	26.442	0.930
250	11.601	34.806	26.514	1.010
300	11.192	34.777	26.568	1.088
350	10.435	34.726	26.663	1.163
400	9.356	34.672	26.804	1.233
450	8.628	34.642	26.897	1.297
500	7.764	34.606	27.000	1.356
550	6.888	34.575	27.099	1.410
600	6.335	34.558	27.161	1.461
650	6.146	34.553	27.181	1.510
700	5.770	34.549	27.225	1.557
750	5.473	34.546	27.260	1.603
800	5.261	34.545	27.284	1.648
900	4.901	34.548	27.328	1.734
1000	4.526	34.553	27.374	1.816
1500	3.026	34.601	27.564	2.177
2000	2.240	34.634	27.659	2.465
2500	1.674	34.664	27.727	2.714
3000	1.494	34.670	27.746	2.949
3500	1.253	34.683	27.774	3.176
4000	1.095	34.692	27.791	3.394
4500	1.005	34.696	27.801	3.611
4505	1.006	34.695	27.800	3.613

CAST TG2-94-DI -028 DATE 22 OCT 94 TIME 0124 GMT

LAT 03 00.0N LONG 155 00.0W



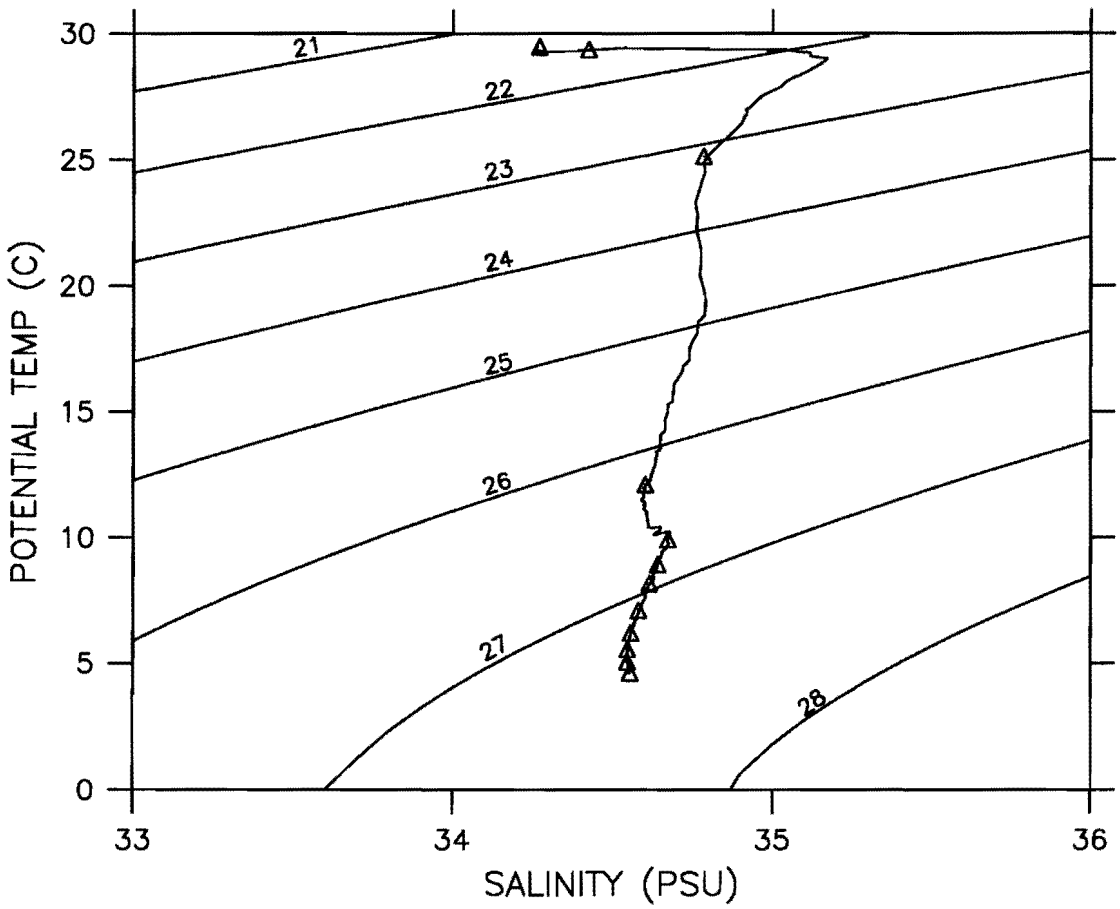


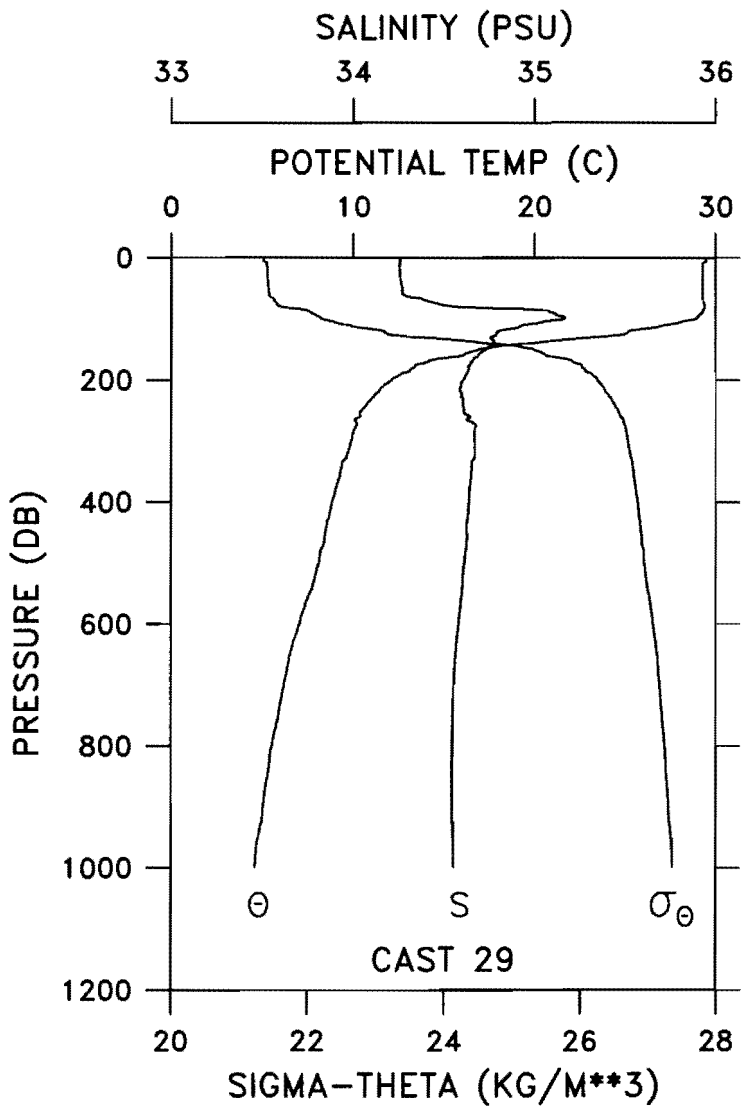
CAST TG2-94-DI -028 DATE 22 OCT 94 TIME 0124 GMT
LAT 03 00.0N LONG 155 00.0W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 100 T SPD 08 KT VISIBILITY 7
CLOUD 2 AMOUNT 2 DRY 31.2 WET 23.7 DEPTH 4724 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.646	34.075	21.155	0.000
10	29.334	34.073	21.259	0.066
20	29.295	34.073	21.272	0.131
30	29.295	34.085	21.281	0.196
40	29.367	34.464	21.541	0.261
50	29.095	34.656	21.776	0.323
60	28.976	34.777	21.907	0.383
70	28.940	34.795	21.933	0.442
80	28.819	34.773	21.956	0.501
90	28.322	34.659	22.035	0.560
100	27.185	34.695	22.431	0.616
110	26.482	34.760	22.703	0.669
120	25.393	34.738	23.025	0.720
130	25.087	34.811	23.174	0.768
140	21.984	34.817	24.085	0.811
150	19.586	34.781	24.704	0.847
160	17.484	34.750	25.207	0.878
170	15.593	34.687	25.600	0.903
180	13.860	34.640	25.939	0.926
190	12.113	34.654	26.299	0.945
200	11.699	34.689	26.405	0.962
250	10.964	34.760	26.596	1.041
300	10.441	34.733	26.667	1.114
350	10.217	34.723	26.699	1.186
400	9.752	34.693	26.754	1.256
450	9.299	34.667	26.809	1.323
500	8.504	34.630	26.907	1.387
550	7.914	34.613	26.983	1.447
600	6.878	34.578	27.103	1.502
650	6.409	34.564	27.155	1.553
700	6.033	34.555	27.197	1.602
750	5.761	34.549	27.227	1.650
800	5.542	34.548	27.253	1.696
900	5.032	34.548	27.313	1.785
1000	4.627	34.553	27.363	1.869
1002	4.621	34.552	27.364	1.871

CAST TG2-94-DI -029 DATE 22 OCT 94 TIME 0625 GMT

LAT 03 59.9N LONG 155 00.0W



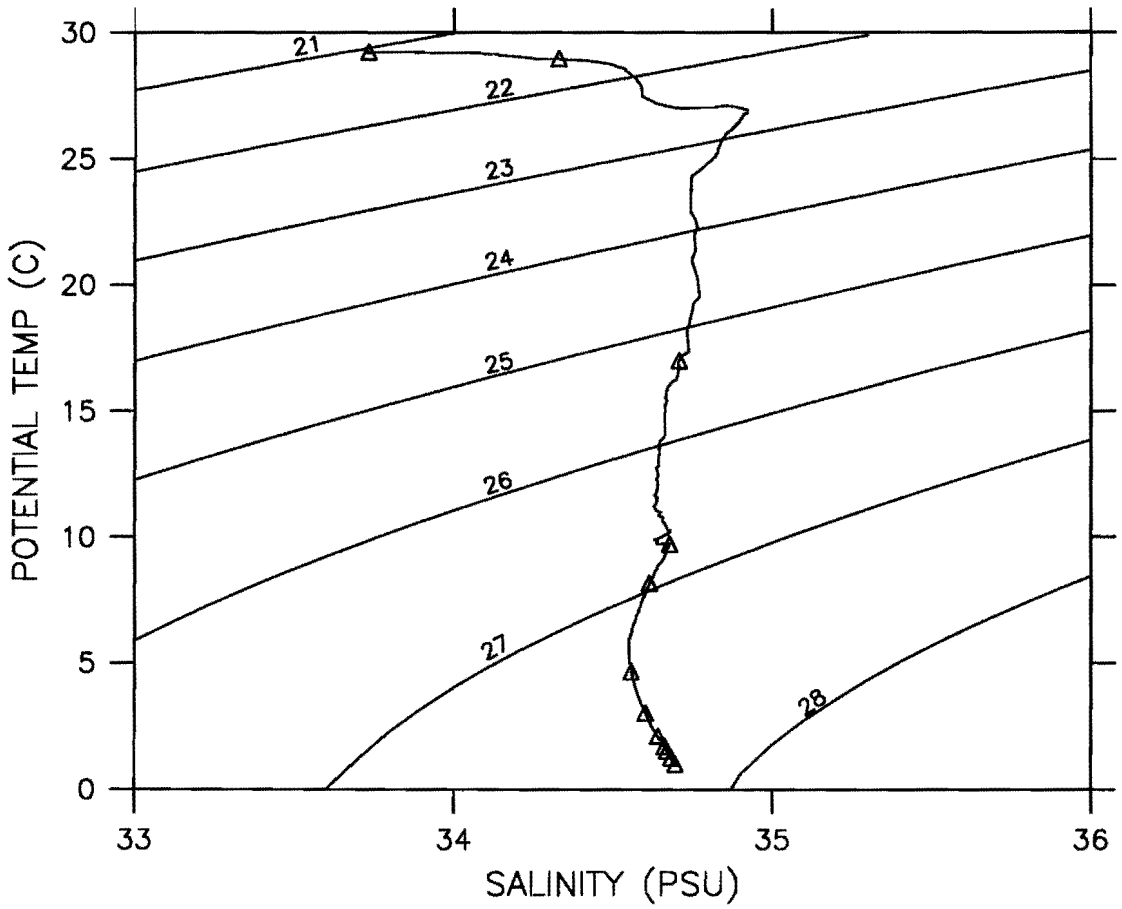


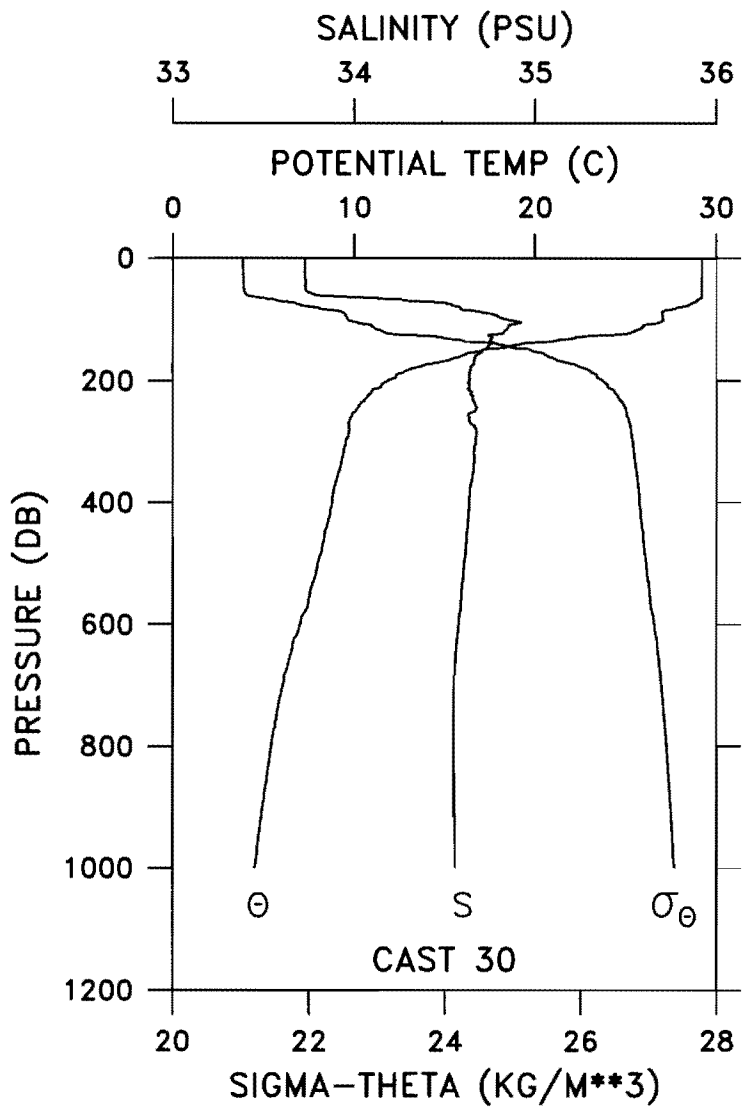
CAST TG2-94-DI -029 DATE 22 OCT 94 TIME 0625 GMT
LAT 03 59.9N LONG 155 00.0W WEATHER 0 SEA STATE 2
BAROMETER 11 WIND DIR 100 T SPD 04 KT VISIBILITY 9
CLOUD 0 AMOUNT 1 DRY 28.0 WET 23.6 DEPTH 4668 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.480	34.262	21.351	0.000
10	29.325	34.257	21.400	0.064
20	29.310	34.258	21.406	0.128
30	29.301	34.259	21.410	0.192
40	29.302	34.265	21.414	0.256
50	29.293	34.272	21.422	0.320
60	29.277	34.278	21.432	0.384
70	29.325	34.402	21.509	0.447
80	29.409	34.564	21.602	0.510
90	29.253	35.099	22.056	0.570
100	28.956	35.167	22.206	0.627
110	27.240	34.941	22.598	0.682
120	25.222	34.802	23.126	0.732
130	23.320	34.757	23.659	0.779
140	19.869	34.784	24.633	0.817
150	16.953	34.733	25.321	0.846
160	16.063	34.691	25.496	0.872
170	14.163	34.655	25.887	0.895
180	13.334	34.639	26.046	0.915
190	12.660	34.627	26.172	0.935
200	12.142	34.608	26.258	0.953
250	10.483	34.611	26.565	1.036
300	9.899	34.671	26.713	1.108
350	9.335	34.654	26.793	1.175
400	8.872	34.640	26.857	1.240
450	8.500	34.626	26.905	1.302
500	8.145	34.615	26.950	1.363
550	7.637	34.603	27.016	1.421
600	7.099	34.583	27.077	1.476
650	6.589	34.565	27.132	1.528
700	6.219	34.557	27.175	1.578
750	5.902	34.550	27.210	1.627
800	5.568	34.548	27.249	1.674
900	5.071	34.547	27.308	1.763
1000	4.631	34.554	27.364	1.847
1003	4.624	34.554	27.364	1.849

CAST TG2-94-DI -030 DATE 22 OCT 94 TIME 1302 GMT

LAT 04 56.2N LONG 154 56.0W



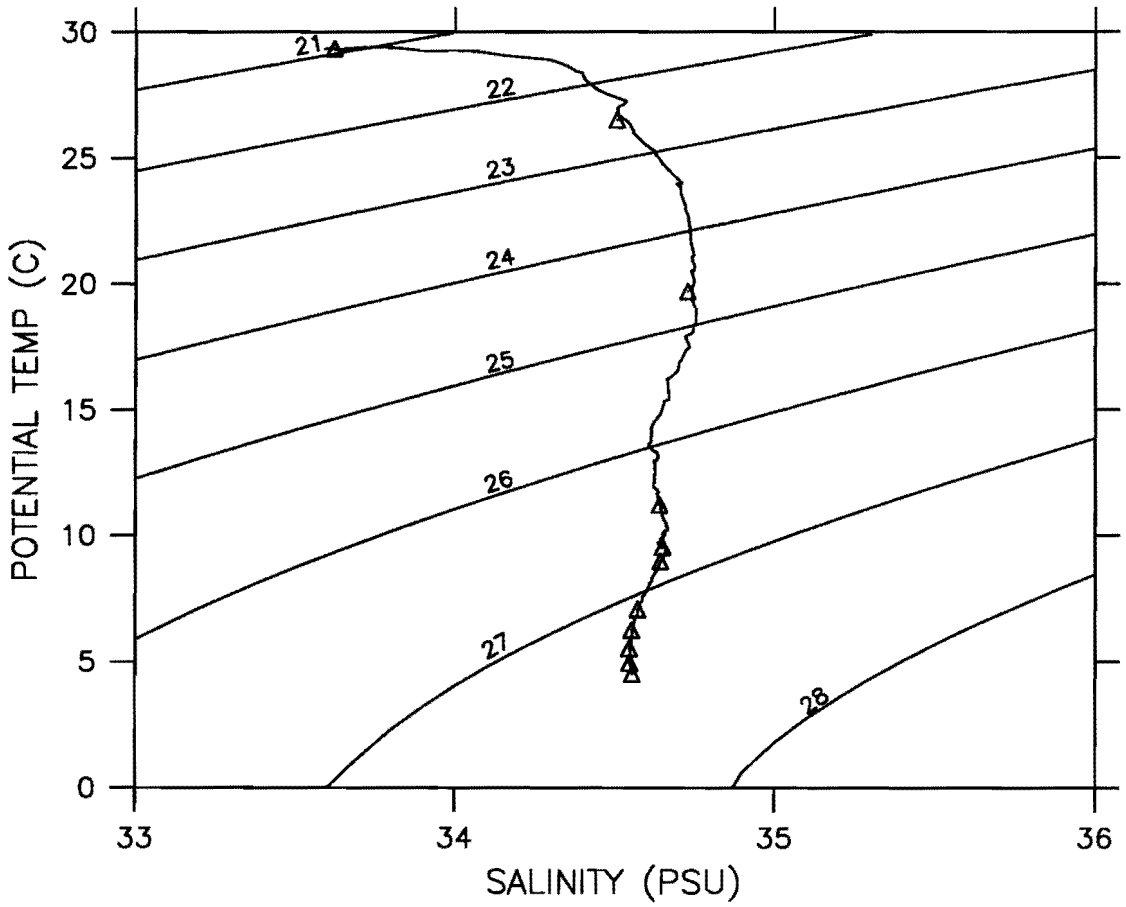


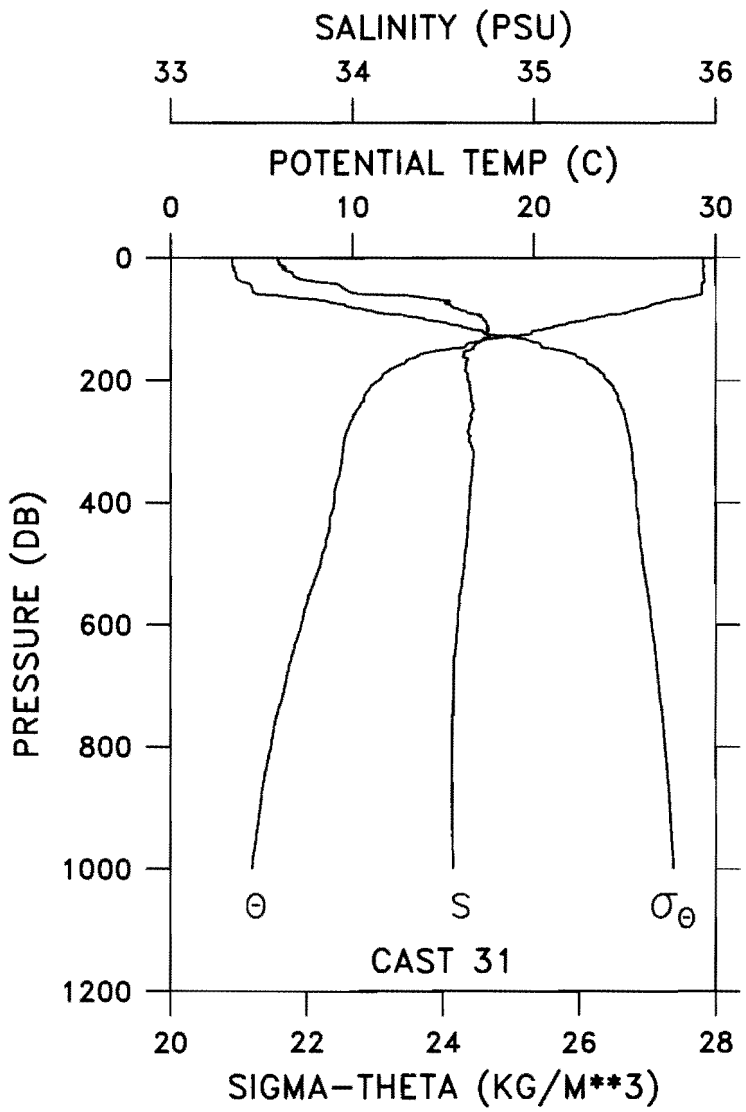
CAST TG2-94-DI -030 DATE 22 OCT 94 TIME 1302 GMT
LAT 04 56.2N LONG 154 56.0W WEATHER 0 SEA STATE 3
BAROMETER 10 WIND DIR 120 T SPD 06 KT VISIBILITY 7
CLOUD X AMOUNT 0 DRY 27.3 WET 24.0 DEPTH 4592 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.234	33.729	21.035	0.000
10	29.230	33.728	21.035	0.067
20	29.225	33.728	21.036	0.135
30	29.212	33.728	21.041	0.202
40	29.207	33.733	21.046	0.270
50	29.195	33.733	21.050	0.337
60	29.208	33.792	21.090	0.405
70	28.930	34.339	21.594	0.469
80	27.898	34.586	22.119	0.529
90	27.006	34.741	22.523	0.584
100	27.081	34.845	22.577	0.638
110	26.003	34.853	22.924	0.689
120	25.385	34.828	23.095	0.738
130	22.173	34.759	23.987	0.783
140	19.206	34.749	24.777	0.819
150	17.087	34.710	25.272	0.849
160	15.885	34.670	25.521	0.875
170	14.689	34.662	25.779	0.899
180	13.228	34.643	26.071	0.920
190	12.358	34.638	26.240	0.939
200	11.835	34.636	26.338	0.957
250	10.102	34.667	26.675	1.034
300	9.546	34.670	26.771	1.102
350	9.144	34.658	26.827	1.168
400	8.792	34.637	26.867	1.232
450	8.383	34.622	26.919	1.293
500	7.995	34.607	26.967	1.353
550	7.565	34.592	27.018	1.411
600	6.996	34.578	27.087	1.466
650	6.476	34.562	27.145	1.518
700	6.061	34.553	27.192	1.567
750	5.727	34.548	27.230	1.615
800	5.437	34.550	27.267	1.661
900	4.948	34.554	27.327	1.748
1000	4.521	34.559	27.380	1.830
1500	2.990	34.603	27.569	2.181
2000	2.115	34.639	27.674	2.464
2500	1.718	34.660	27.721	2.712
3000	1.546	34.668	27.741	2.950
3500	1.274	34.681	27.771	3.180
4000	1.077	34.691	27.792	3.399
4394	1.011	34.694	27.799	3.569

CAST TG2-94-DI -031 DATE 23 OCT 94 TIME 0816 GMT

LAT 06 00.0N LONG 155 00.0W



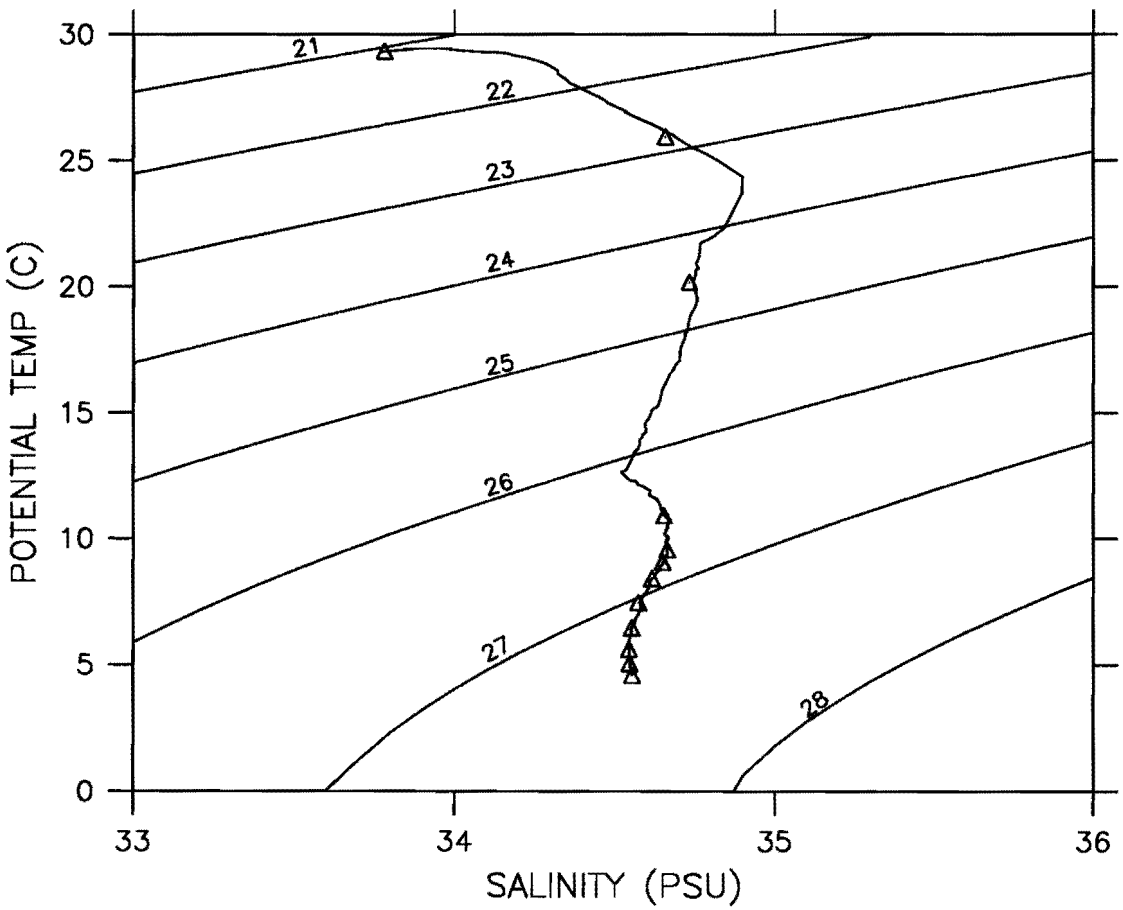


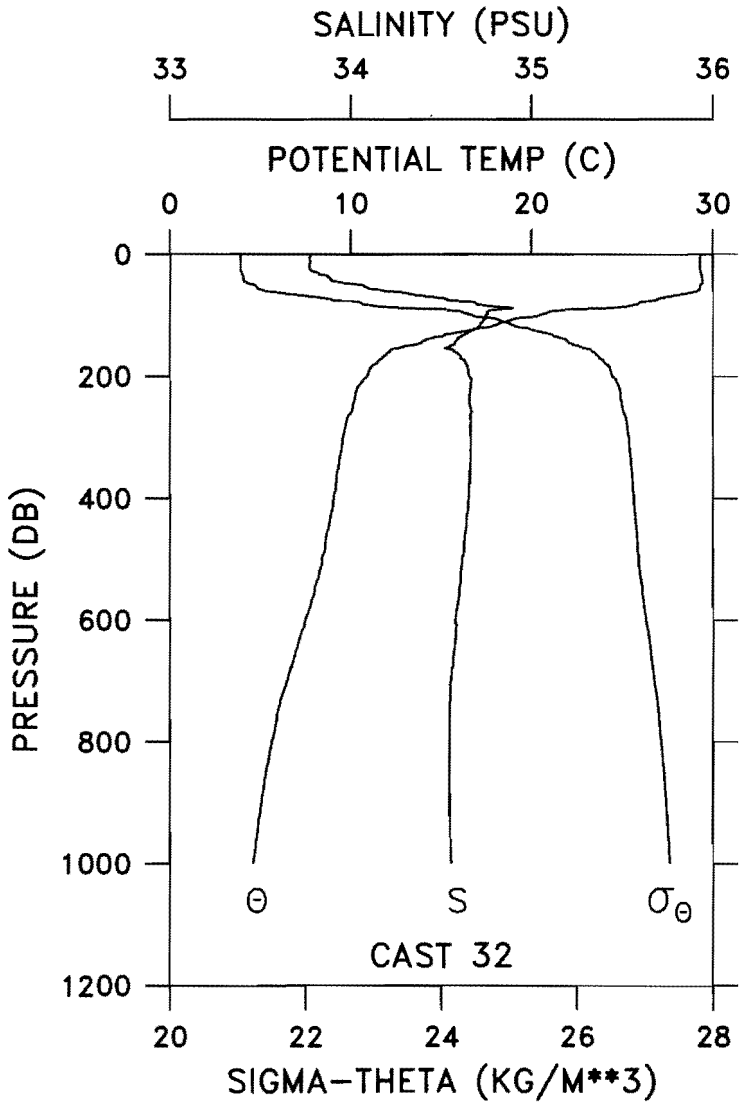
CAST TG2-94-DI -031 DATE 23 OCT 94 TIME 0816 GMT
LAT 06 00.0N LONG 155 00.0W WEATHER 1 SEA STATE 3
BAROMETER 10 WIND DIR 105 T SPD 10 KT VISIBILITY 8
CLOUD 8 AMOUNT 2 DRY 28.7 WET 24.2 DEPTH 4862 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.320	33.593	20.904	0.000
10	29.326	33.598	20.906	0.069
20	29.321	33.632	20.932	0.137
30	29.340	33.677	20.960	0.205
40	29.333	33.843	21.086	0.273
50	29.246	33.959	21.203	0.340
60	29.063	34.161	21.415	0.405
70	27.253	34.538	22.291	0.465
80	26.210	34.553	22.633	0.519
90	24.960	34.640	23.084	0.569
100	22.973	34.720	23.731	0.613
110	21.350	34.744	24.205	0.653
120	19.904	34.743	24.592	0.689
130	18.062	34.746	25.063	0.721
140	16.347	34.682	25.424	0.749
150	15.145	34.653	25.673	0.774
160	13.625	34.608	25.963	0.796
170	12.977	34.626	26.108	0.816
180	12.208	34.627	26.260	0.834
190	11.697	34.638	26.366	0.852
200	11.460	34.640	26.411	0.869
250	10.200	34.664	26.656	0.945
300	9.559	34.645	26.749	1.014
350	9.327	34.659	26.799	1.081
400	9.005	34.647	26.841	1.145
450	8.705	34.636	26.880	1.209
500	8.260	34.618	26.935	1.270
550	7.639	34.594	27.009	1.329
600	7.199	34.581	27.061	1.385
650	6.682	34.566	27.121	1.438
700	6.301	34.559	27.165	1.489
750	5.829	34.553	27.222	1.537
800	5.543	34.551	27.255	1.584
900	4.951	34.551	27.325	1.671
1000	4.506	34.558	27.381	1.753
1002	4.504	34.558	27.381	1.755

CAST TG2-94-DI -032 DATE 23 OCT 94 TIME 1255 GMT

LAT 07 00.2N LONG 154 59.8W



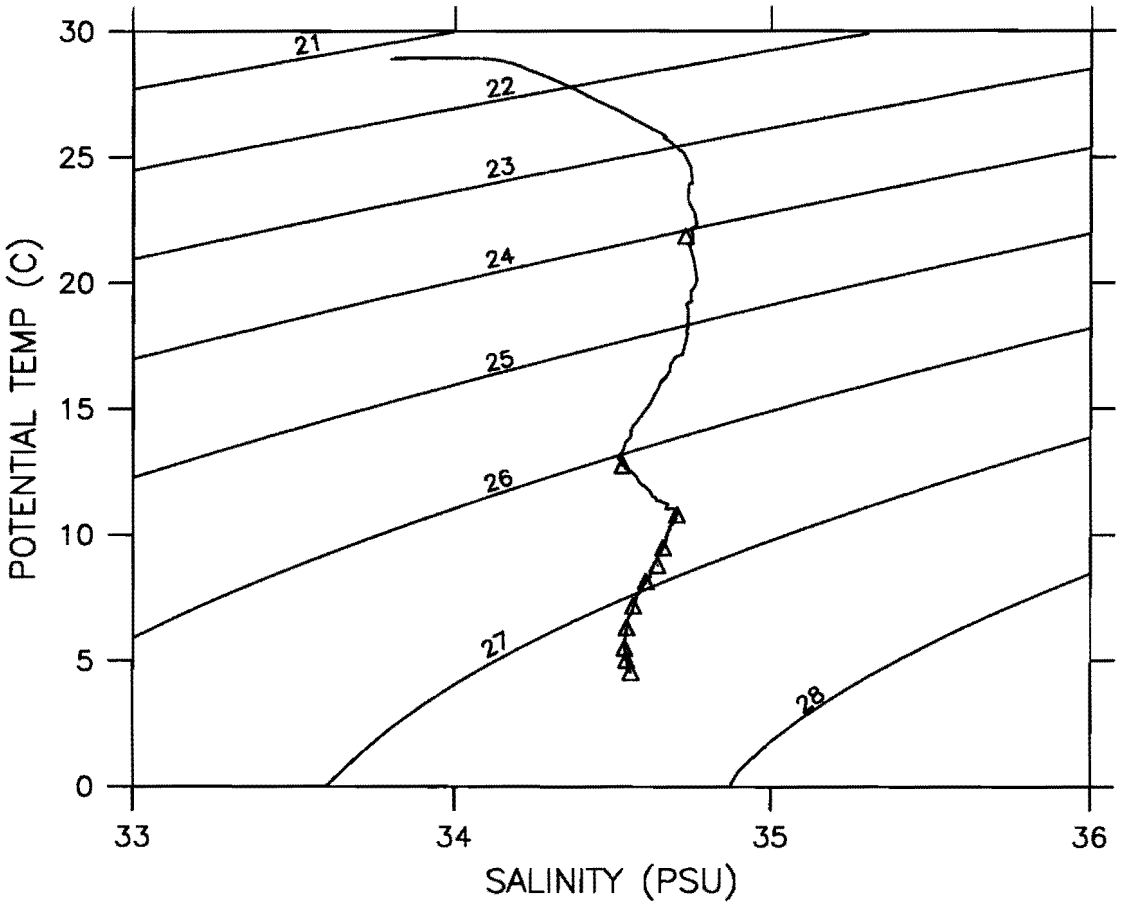


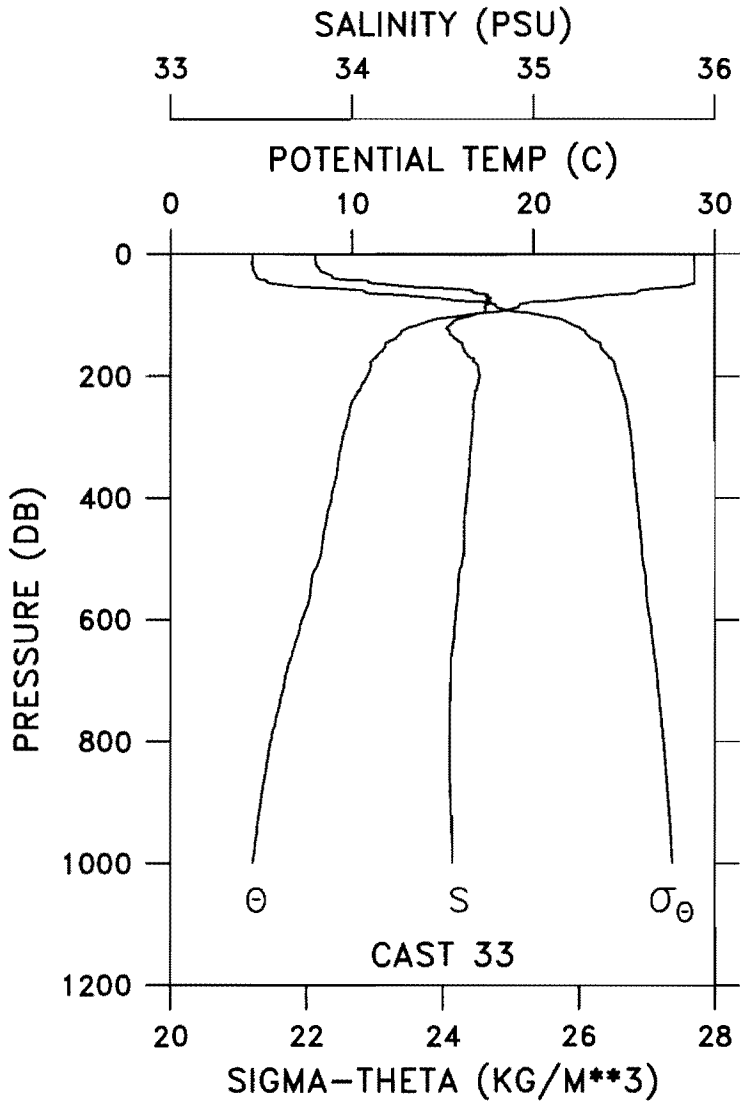
CAST TG2-94-DI -032 DATE 23 OCT 94 TIME 1255 GMT
LAT 07 00.2N LONG 154 59.8W WEATHER 1 SEA STATE 3
BAROMETER 08 WIND DIR 130 T SPD 07 KT VISIBILITY 7
CLOUD 8 AMOUNT 3 DRY 28.3 WET 24.8 DEPTH 4978 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.317	33.777	21.042	0.000
10	29.296	33.776	21.049	0.067
20	29.300	33.774	21.046	0.135
30	29.351	33.821	21.064	0.202
40	29.430	33.889	21.088	0.269
50	29.316	34.060	21.255	0.336
60	29.166	34.181	21.396	0.401
70	27.433	34.464	22.178	0.461
80	25.916	34.692	22.829	0.515
90	22.313	34.840	24.010	0.563
100	20.422	34.750	24.460	0.599
110	18.647	34.731	24.906	0.632
120	17.552	34.703	25.155	0.661
130	15.518	34.641	25.581	0.688
140	14.120	34.590	25.845	0.711
150	13.081	34.551	26.030	0.732
160	12.136	34.574	26.233	0.751
170	11.770	34.606	26.327	0.769
180	11.333	34.641	26.436	0.785
190	11.039	34.650	26.497	0.801
200	10.905	34.656	26.526	0.817
250	10.119	34.661	26.667	0.890
300	9.559	34.665	26.765	0.959
350	9.319	34.660	26.801	1.025
400	9.059	34.652	26.836	1.090
450	8.755	34.638	26.874	1.153
500	8.418	34.617	26.910	1.216
550	8.010	34.602	26.960	1.276
600	7.494	34.579	27.017	1.335
650	6.990	34.572	27.083	1.390
700	6.465	34.555	27.141	1.443
750	5.962	34.546	27.199	1.492
800	5.616	34.546	27.242	1.540
900	5.049	34.548	27.312	1.629
1000	4.597	34.556	27.369	1.713
1003	4.587	34.554	27.369	1.715

CAST TG2-94-DI -033 DATE 23 OCT 94 TIME 1716 GMT

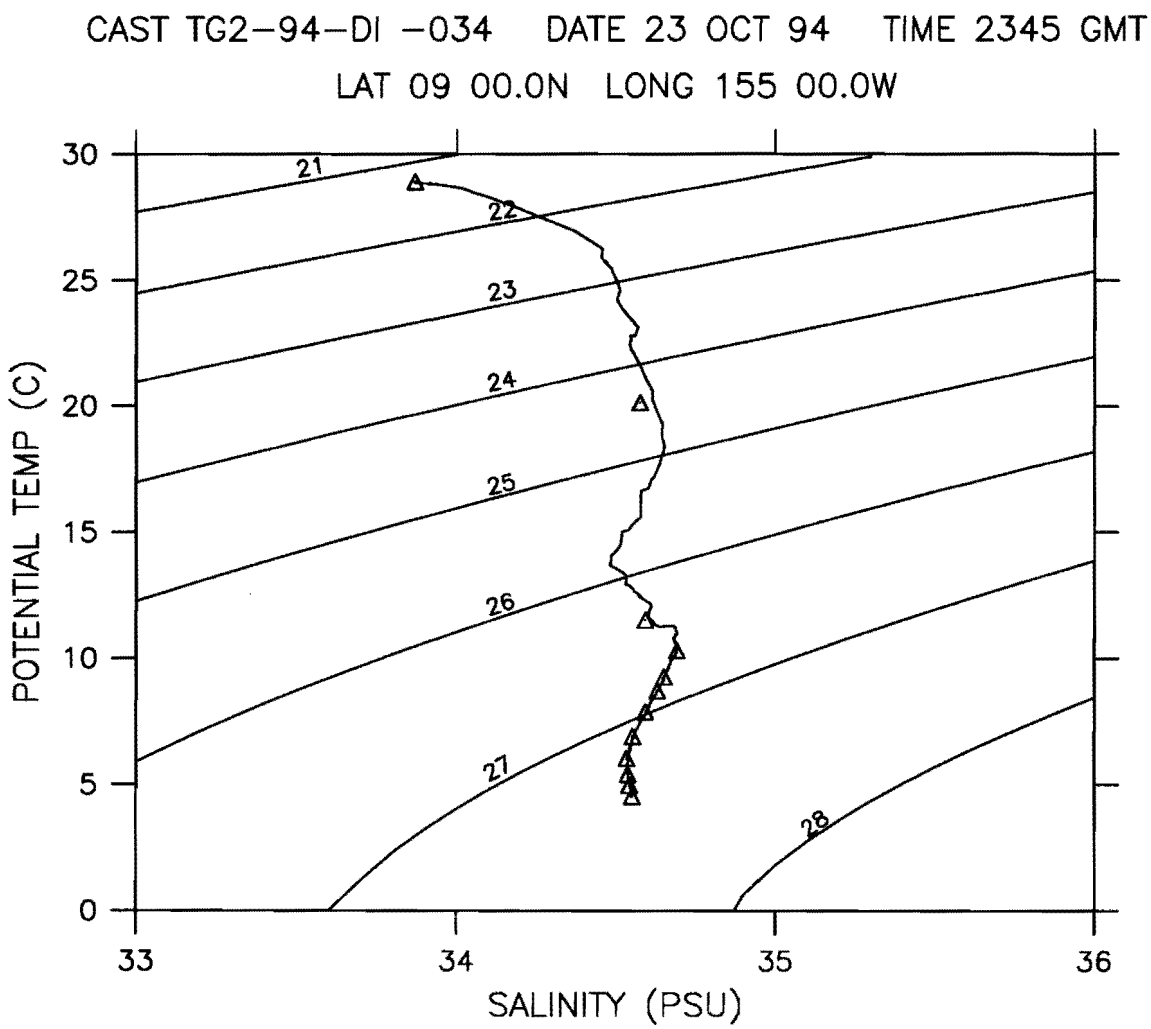
LAT 07 56.5N LONG 154 59.2W

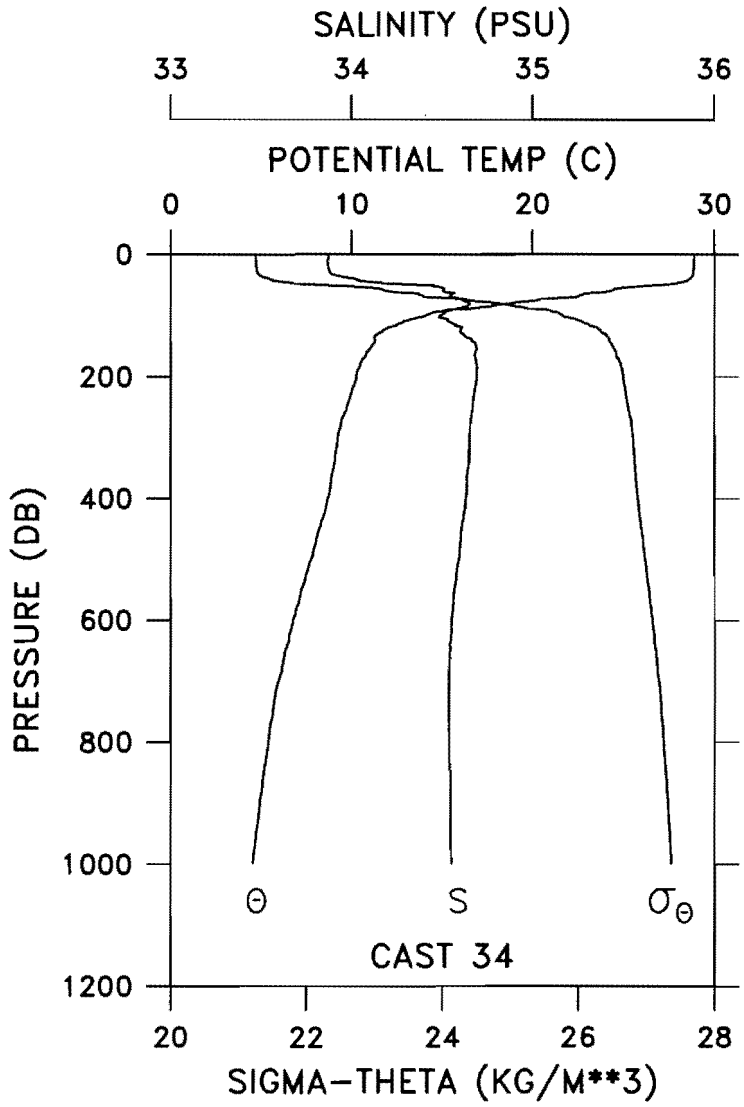




CAST TG2-94-DI -033 DATE 23 OCT 94 TIME 1716 GMT
LAT 07 56.5N LONG 154 59.2W WEATHER 1 SEA STATE 2
BAROMETER 09 WIND DIR 160 T SPD 08 KT VISIBILITY 8
CLOUD 3 AMOUNT 6 DRY 28.5 WET 24.8 DEPTH 1134 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.881	33.800	21.205	0.000
10	28.886	33.799	21.203	0.066
20	28.895	33.812	21.210	0.132
30	28.903	33.847	21.233	0.197
40	28.912	33.907	21.276	0.263
50	28.573	34.210	21.615	0.327
60	25.804	34.664	22.843	0.383
70	23.164	34.739	23.690	0.430
80	19.656	34.744	24.658	0.468
90	18.802	34.735	24.870	0.500
100	16.247	34.664	25.434	0.528
110	14.177	34.558	25.809	0.552
120	13.087	34.526	26.009	0.573
130	12.655	34.538	26.104	0.593
140	12.265	34.574	26.208	0.612
150	11.818	34.607	26.319	0.629
160	11.586	34.622	26.374	0.646
170	11.300	34.652	26.450	0.663
180	11.044	34.687	26.524	0.678
190	10.995	34.697	26.541	0.694
200	10.827	34.703	26.576	0.709
250	9.917	34.667	26.706	0.781
300	9.497	34.658	26.770	0.849
350	9.225	34.646	26.805	0.915
400	8.879	34.631	26.849	0.979
450	8.512	34.619	26.897	1.042
500	8.238	34.609	26.931	1.103
550	7.728	34.584	26.987	1.162
600	7.237	34.570	27.047	1.219
650	6.762	34.552	27.099	1.273
700	6.300	34.544	27.154	1.325
750	5.926	34.539	27.198	1.374
800	5.524	34.538	27.247	1.422
900	4.996	34.544	27.315	1.511
1000	4.543	34.555	27.374	1.594
1002	4.531	34.555	27.375	1.595


CAST TG2-94-DI -034 DATE 23 OCT 94 TIME 2345 GMT
LAT 09 00.0N LONG 155 00.0W
POTENTIAL TEMP (C)
SALINITY (PSU)
30
25
20
15
10
5
0
33
34
35
36
21
22
23
24
25
26
27
28

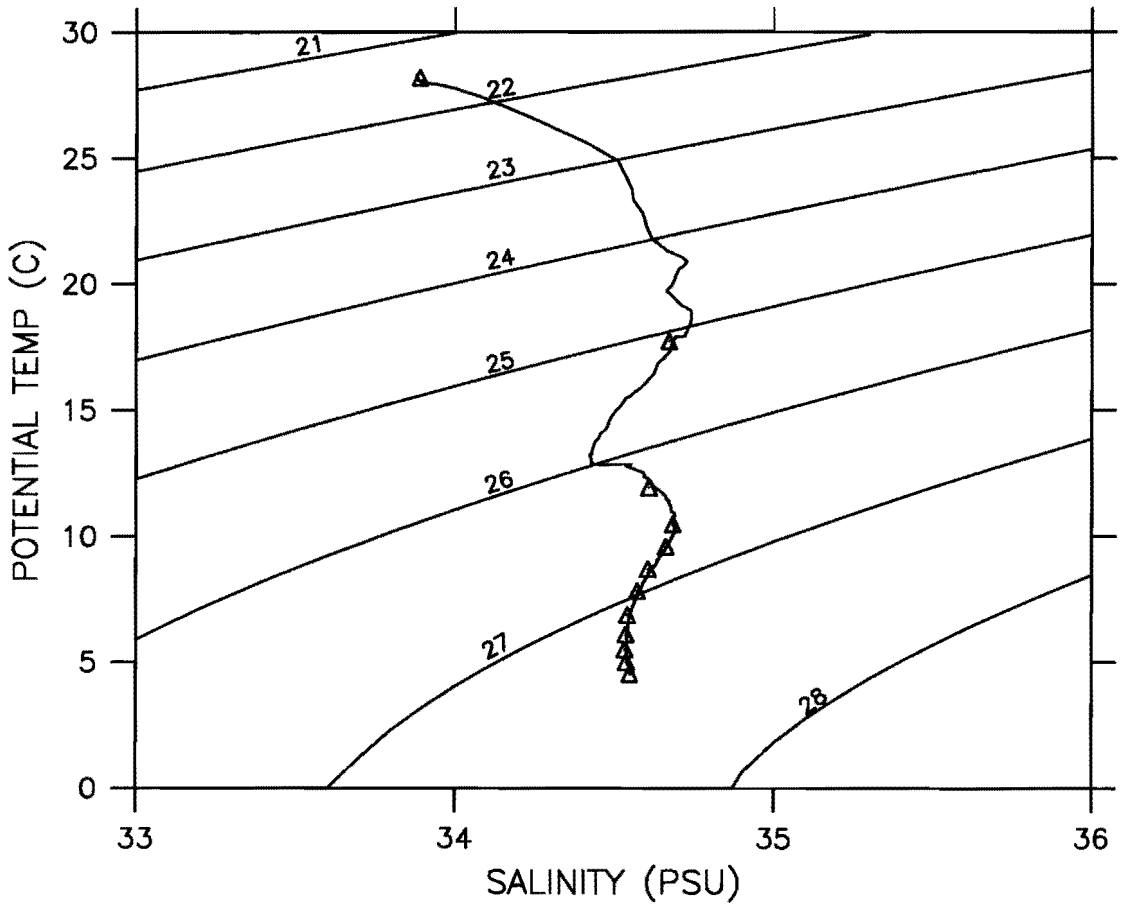


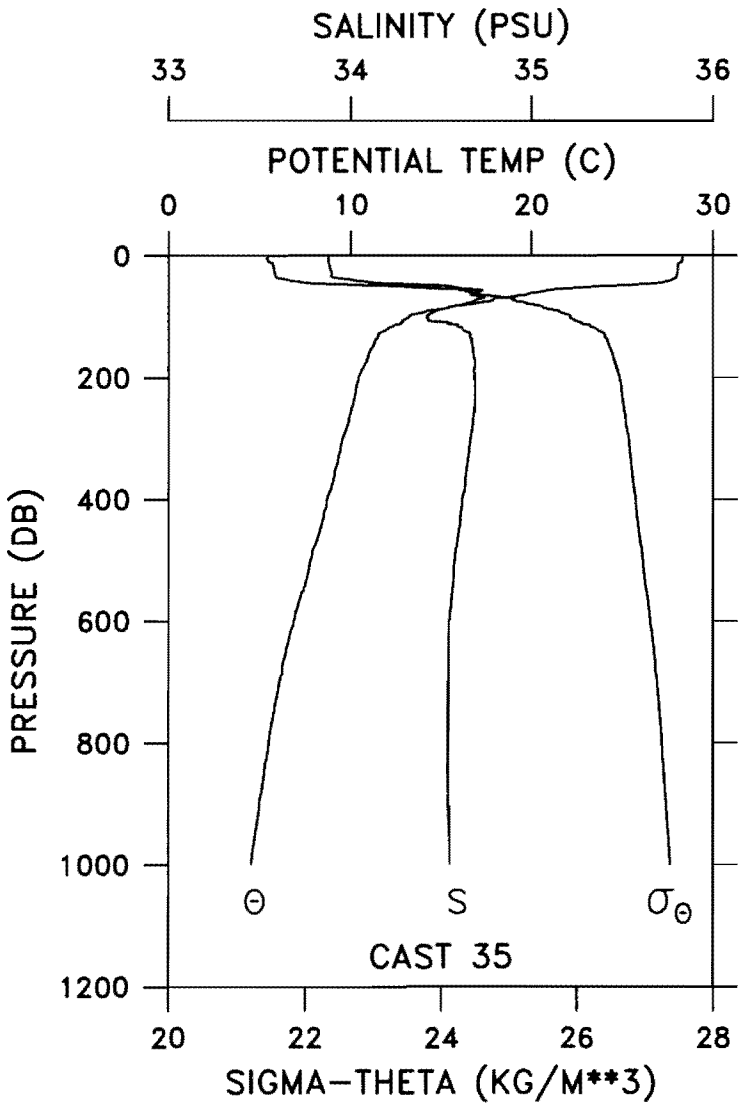
CAST TG2-94-DI -034 DATE 23 OCT 94 TIME 2345 GMT
LAT 09 00.0N LONG 155 00.0W WEATHER 8 SEA STATE 4
BAROMETER 09 WIND DIR 100 T SPD 08 KT VISIBILITY 7
CLOUD 8 AMOUNT 7 DRY 30.2 WET 25.6 DEPTH 5274 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.903	33.875	21.255	0.000
10	28.882	33.868	21.256	0.065
20	28.872	33.872	21.262	0.131
30	28.856	33.884	21.276	0.196
40	28.618	34.022	21.459	0.260
50	26.948	34.371	22.263	0.321
60	24.244	34.504	23.195	0.371
70	22.262	34.550	23.804	0.414
80	18.834	34.645	24.793	0.450
90	15.608	34.578	25.513	0.479
100	14.105	34.490	25.772	0.502
110	12.892	34.541	26.060	0.523
120	11.997	34.609	26.287	0.542
130	11.413	34.621	26.405	0.559
140	11.298	34.665	26.461	0.575
150	11.118	34.689	26.513	0.591
160	10.848	34.684	26.557	0.606
170	10.661	34.685	26.591	0.621
180	10.498	34.691	26.625	0.636
190	10.336	34.693	26.655	0.650
200	10.279	34.690	26.662	0.664
250	9.760	34.668	26.734	0.733
300	9.249	34.652	26.806	0.799
350	8.995	34.645	26.841	0.864
400	8.695	34.631	26.878	0.927
450	8.211	34.608	26.934	0.988
500	7.783	34.593	26.987	1.047
550	7.231	34.568	27.047	1.103
600	6.771	34.553	27.099	1.157
650	6.327	34.546	27.152	1.208
700	5.966	34.540	27.194	1.258
750	5.660	34.537	27.230	1.305
800	5.402	34.540	27.263	1.351
900	4.927	34.547	27.324	1.438
1000	4.530	34.553	27.374	1.521
1003	4.513	34.551	27.375	1.523

CAST TG2-94-DI -035 DATE 24 OCT 94 TIME 0432 GMT

LAT 10 00.2N LONG 155 00.0W



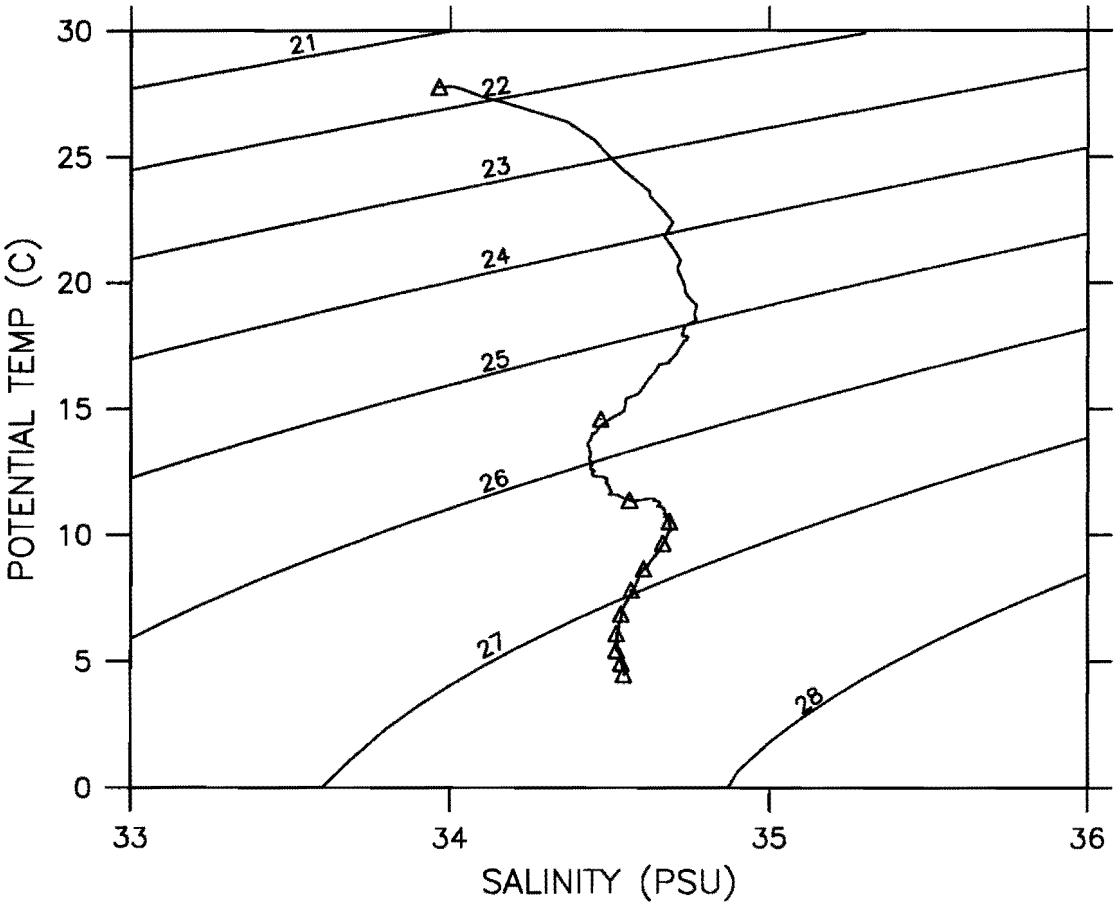


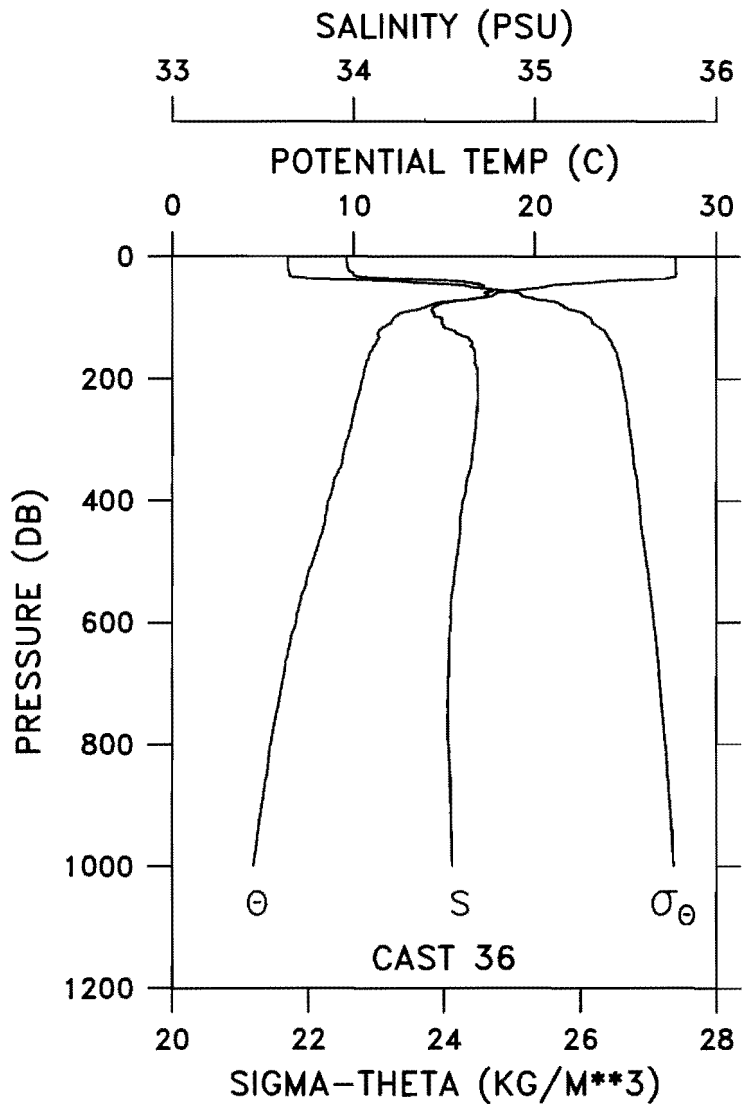
CAST TG2-94-DI -035 DATE 24 OCT 94 TIME 0432 GMT
LAT 10 00.2N LONG 155 00.0W WEATHER 2 SEA STATE 4
BAROMETER 09 WIND DIR 100 T SPD 11 KT VISIBILITY 7
CLOUD 8 AMOUNT 8 DRY 27.5 WET 24.5 DEPTH 5362 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	28.334	33.879	21.445	0.000
10	28.294	33.878	21.458	0.063
20	28.069	33.886	21.537	0.126
30	28.032	33.896	21.556	0.189
40	27.709	34.010	21.747	0.251
50	23.771	34.552	23.371	0.307
60	20.292	34.690	24.449	0.345
70	17.925	34.720	25.077	0.378
80	16.435	34.622	25.358	0.406
90	14.247	34.474	25.730	0.431
100	13.236	34.420	25.897	0.453
110	12.836	34.551	26.078	0.474
120	12.045	34.617	26.284	0.492
130	11.525	34.660	26.415	0.509
140	11.359	34.668	26.452	0.525
150	11.212	34.672	26.482	0.541
160	11.002	34.677	26.524	0.557
170	10.916	34.686	26.546	0.572
180	10.769	34.687	26.574	0.587
190	10.577	34.680	26.602	0.602
200	10.434	34.682	26.629	0.616
250	10.054	34.684	26.697	0.687
300	9.547	34.661	26.764	0.756
350	9.155	34.639	26.810	0.822
400	8.693	34.617	26.867	0.886
450	8.322	34.598	26.910	0.948
500	7.777	34.575	26.973	1.008
550	7.383	34.563	27.021	1.065
600	6.855	34.545	27.080	1.120
650	6.431	34.541	27.134	1.172
700	6.069	34.540	27.180	1.222
750	5.756	34.538	27.218	1.270
800	5.487	34.536	27.250	1.317
900	4.996	34.539	27.310	1.406
1000	4.523	34.550	27.373	1.489
1002	4.522	34.549	27.372	1.491

CAST TG2-94-DI -036 DATE 24 OCT 94 TIME 0922 GMT

LAT 10 59.9N LONG 155 00.0W





CAST TG2-94-DI -036 DATE 24 OCT 94 TIME 0922 GMT
LAT 10 59.9N LONG 155 00.0W WEATHER 6 SEA STATE 4
BAROMETER 10 WIND DIR 075 T SPD 15 KT VISIBILITY 6
CLOUD 6 AMOUNT 7 DRY 26.3 WET 24.8 DEPTH 5288 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	27.757	33.965	21.698	0.000
10	27.758	33.964	21.697	0.061
20	27.759	33.971	21.701	0.122
30	27.771	34.000	21.719	0.183
40	24.131	34.574	23.282	0.240
50	20.493	34.712	24.412	0.279
60	17.871	34.745	25.109	0.311
70	16.461	34.640	25.366	0.339
80	14.195	34.462	25.731	0.362
90	13.045	34.433	25.945	0.384
100	12.257	34.488	26.143	0.404
110	12.070	34.487	26.178	0.423
120	11.444	34.543	26.339	0.441
130	11.383	34.601	26.396	0.457
140	11.263	34.657	26.461	0.474
150	11.074	34.665	26.502	0.489
160	10.888	34.671	26.540	0.505
170	10.786	34.675	26.561	0.520
180	10.673	34.678	26.584	0.535
190	10.583	34.685	26.605	0.550
200	10.518	34.687	26.618	0.564
250	10.087	34.683	26.690	0.636
300	9.664	34.668	26.750	0.704
350	9.198	34.643	26.807	0.771
400	8.601	34.603	26.871	0.835
450	8.296	34.589	26.907	0.897
500	7.747	34.567	26.971	0.957
550	7.218	34.546	27.031	1.014
600	6.817	34.539	27.081	1.068
650	6.372	34.528	27.132	1.120
700	6.057	34.523	27.169	1.170
750	5.709	34.522	27.212	1.219
800	5.407	34.527	27.252	1.266
900	4.915	34.540	27.320	1.354
1000	4.478	34.547	27.375	1.437
1001	4.477	34.546	27.374	1.438

CAST TG2-94-DI -007 LAT 00 05.2N LONG 139 57.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	26.797	34.894	0.00	26.795	22.705
300.	11.939	34.845	0.00	11.900	26.488
500.	8.528	34.650	0.00	8.475	26.927
999.	4.689	34.553	0.00	4.608	27.365
1500.	3.018	34.604	0.00	2.909	27.577
2000.	2.245	34.642	0.00	2.105	27.677
2500.	1.858	34.662	0.00	1.680	27.725
3002.	1.700	34.673	0.00	1.478	27.749
3499.	1.515	34.684	0.00	1.249	27.775
4005.	1.411	34.689	0.00	1.094	27.789

CAST TG2-94-DI -008 LAT 00 59.9S LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	26.493	35.076	0.00	26.491	22.939
76.	26.449	35.092	0.00	26.432	22.969
125.	26.432	35.366	0.00	26.404	23.185
200.	14.729	35.125	0.00	14.699	26.135
300.	11.734	34.834	0.00	11.695	26.518
400.	9.845	34.720	0.00	9.799	26.768
501.	8.295	34.637	0.00	8.242	26.952
600.	7.372	34.592	0.00	7.313	27.054
700.	6.398	34.559	0.00	6.334	27.161
800.	5.499	34.550	0.00	5.430	27.268
899.	4.856	34.548	0.00	4.783	27.342
1001.	4.358	34.563	0.00	4.279	27.409

CAST TG2-94-DI -009 LAT 01 59.8S LONG 139 58.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	27.109	35.337	0.00	27.107	22.940
75.	27.045	35.321	0.00	27.028	22.953
126.	24.899	35.582	0.00	24.872	23.822
201.	13.383	34.950	0.00	13.355	26.283
301.	11.869	34.857	0.00	11.830	26.511
397.	10.316	34.765	0.00	10.269	26.722
500.	8.532	34.659	0.00	8.478	26.933
600.	7.035	34.564	0.00	6.977	27.078
702.	6.145	34.557	0.00	6.082	27.192
799.	5.303	34.550	0.00	5.236	27.291
899.	4.796	34.547	0.00	4.723	27.348
1000.	4.489	34.553	0.00	4.409	27.387

CAST TG2-94-DI -010 LAT 02 59.9S LONG 140 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
1004.	4.500	34.554	0.00	4.420	27.387
1004.	4.503	34.551	0.00	4.424	27.384
1004.	4.504	34.555	0.00	4.424	27.387
1004.	4.506	34.553	0.00	4.426	27.385
1002.	4.511	34.554	0.00	4.431	27.386
1003.	4.511	34.554	0.00	4.431	27.386
1002.	4.514	34.554	0.00	4.434	27.385
1001.	4.515	34.552	0.00	4.435	27.384
1001.	4.516	34.555	0.00	4.436	27.386
1000.	4.519	34.557	0.00	4.439	27.387
1001.	4.518	34.554	0.00	4.438	27.385
1000.	4.521	34.553	0.00	4.441	27.384

CAST TG2-94-DI -011 LAT 04 00.0S LONG 140 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	26.805	35.443	0.00	26.803	23.116
75.	26.819	35.554	0.00	26.802	23.200
119.	23.121	35.482	0.00	23.097	24.273
199.	12.882	34.954	0.00	12.855	26.387
302.	10.951	34.809	0.00	10.913	26.643
399.	9.118	34.693	0.00	9.074	26.866
500.	7.857	34.625	0.00	7.806	27.008
600.	6.795	34.576	0.00	6.739	27.121
701.	6.093	34.556	0.00	6.030	27.198
899.	5.018	34.543	0.00	4.944	27.320
1002.	4.536	34.544	0.00	4.456	27.375

CAST TG2-94-DI -012 LAT 04 58.5S LONG 139 59.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	27.503	35.576	0.00	27.501	22.992
74.	27.161	35.555	0.00	27.144	23.092
149.	18.672	35.549	0.00	18.646	25.532
300.	10.915	34.803	0.00	10.878	26.645
500.	8.266	34.639	0.00	8.214	26.958
1000.	4.430	34.546	0.00	4.351	27.388
1501.	2.833	34.606	0.00	2.727	27.595
2498.	1.881	34.661	0.00	1.703	27.723
3001.	1.649	34.676	0.00	1.428	27.756
3495.	1.507	34.684	0.00	1.241	27.775
4009.	1.438	34.691	0.00	1.120	27.789

CAST TG2-94-DI -013 LAT 08 15.4S LONG 155 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.793	35.401	0.00	28.791	22.438
76.	28.632	35.392	0.00	28.614	22.490
124.	27.380	36.055	0.00	27.351	23.402
200.	21.181	36.084	0.00	21.143	25.282
300.	12.132	34.889	0.00	12.093	26.486
399.	9.732	34.720	0.00	9.686	26.787
501.	7.857	34.607	0.00	7.806	26.994
600.	6.914	34.561	0.00	6.857	27.093
700.	6.140	34.540	0.00	6.077	27.179
798.	5.500	34.535	0.00	5.432	27.256
900.	4.875	34.533	0.00	4.802	27.328
999.	4.435	34.538	0.00	4.356	27.381

CAST TG2-94-DI -014 LAT 07 00.2S LONG 155 00.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	28.479	35.392	0.00	28.476	22.535
74.	28.329	35.374	0.00	28.311	22.576
125.	27.038	36.202	0.00	27.009	23.623
199.	19.180	35.712	0.00	19.144	25.530
300.	11.878	34.883	0.00	11.839	26.530
391.	9.374	34.701	0.00	9.330	26.831
497.	8.123	34.623	0.00	8.072	26.967
596.	6.981	34.564	0.00	6.924	27.086
700.	6.156	34.551	0.00	6.093	27.186
800.	5.489	34.539	0.00	5.421	27.260
900.	4.966	34.536	0.00	4.892	27.320
1001.	4.474	34.543	0.00	4.395	27.381

CAST TG2-94-DI -015 LAT 06 00.0S LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.376	35.386	0.00	28.374	22.564
74.	28.281	35.373	0.00	28.263	22.591
124.	26.976	36.010	0.00	26.948	23.498
199.	18.098	35.547	0.00	18.064	25.676
299.	11.588	34.852	0.00	11.550	26.560
400.	9.688	34.729	0.00	9.642	26.802
499.	8.325	34.641	0.00	8.273	26.951
600.	7.201	34.584	0.00	7.142	27.072
699.	6.260	34.554	0.00	6.197	27.176
799.	5.493	34.539	0.00	5.425	27.260
899.	4.980	34.537	0.00	4.905	27.319
1002.	4.461	34.545	0.00	4.381	27.384

CAST TG2-94-DI -016 LAT 04 57.3S LONG 155 02.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.469	35.425	0.00	28.467	22.563
73.	28.421	35.418	0.00	28.403	22.579
150.	23.601	36.240	0.00	23.570	24.709
299.	11.158	34.828	0.00	11.121	26.620
499.	8.197	34.637	0.00	8.145	26.967
998.	4.466	34.545	0.00	4.387	27.383
1501.	2.969	34.601	0.00	2.862	27.579
1999.	2.326	34.637	0.00	2.185	27.666
2499.	1.905	34.661	0.00	1.727	27.721
2999.	1.680	34.676	0.00	1.459	27.753
3499.	1.530	34.685	0.00	1.263	27.774
4453.	1.350	34.701	0.00	0.985	27.806

CAST TG2-94-DI -017 LAT 04 04.5S LONG 154 59.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.416	35.472	0.00	28.413	22.616
74.	28.315	35.467	0.00	28.297	22.650
124.	28.238	35.456	0.00	28.208	22.671
200.	15.118	35.208	0.00	15.087	26.114
301.	10.289	34.760	0.00	10.253	26.721
399.	9.509	34.710	0.00	9.463	26.816
600.	6.893	34.582	0.00	6.836	27.112
701.	6.056	34.551	0.00	5.994	27.199
801.	5.394	34.548	0.00	5.326	27.279
899.	5.113	34.546	0.00	5.038	27.311

CAST TG2-94-DI -018 LAT 03 00.0S LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.437	35.487	0.00	28.435	22.620
75.	27.671	35.484	0.00	27.654	22.873
125.	27.002	35.464	0.00	26.973	23.078
200.	16.506	35.345	0.00	16.474	25.904
301.	10.575	34.774	0.00	10.538	26.683
400.	9.596	34.722	0.00	9.551	26.811
500.	8.319	34.649	0.00	8.267	26.958
602.	6.937	34.581	0.00	6.880	27.105
699.	5.884	34.553	0.00	5.822	27.222
800.	5.237	34.545	0.00	5.170	27.295
899.	4.747	34.550	0.00	4.675	27.355
1000.	4.388	34.555	0.00	4.310	27.399

CAST TG2-94-DI -019 LAT 02 02.8S LONG 155 00.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.278	35.323	0.00	28.275	22.550
75.	28.289	35.324	0.00	28.271	22.551
151.	23.270	35.764	0.00	23.239	24.445
301.	10.908	34.794	0.00	10.870	26.639
498.	7.682	34.604	0.00	7.633	27.018
4655.	1.265	34.705	0.00	0.880	27.816

CAST TG2-94-DI -020 LAT 01 29.6S LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.344	35.315	0.00	28.341	22.521
77.	28.273	35.326	0.00	28.255	22.558
126.	26.688	35.576	0.00	26.660	23.262
201.	13.466	35.047	0.00	13.438	26.341
301.	11.660	34.835	0.00	11.621	26.533
399.	9.610	34.721	0.00	9.565	26.808
501.	7.715	34.609	0.00	7.664	27.016
603.	7.176	34.584	0.00	7.118	27.075
698.	5.863	34.546	0.00	5.801	27.219
799.	5.377	34.545	0.00	5.309	27.279
902.	4.906	34.545	0.00	4.832	27.334
1005.	4.555	34.552	0.00	4.475	27.379

CAST TG2-94-DI -021 LAT 00 59.8S LONG 1

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)
9.	28.213	35.312	0.00	28.211
75.	27.426	35.319	0.00	27.408
124.	25.265	35.384	0.00	25.238
202.	14.844	35.121	0.00	14.814
299.	12.261	34.876	0.00	12.221
398.	10.281	34.764	0.00	10.234
500.	7.957	34.619	0.00	7.905
600.	7.167	34.586	0.00	7.109
699.	6.257	34.555	0.00	6.194
798.	5.289	34.551	0.00	5.222
901.	4.823	34.549	0.00	4.750
997.	4.538	34.568	0.00	4.458

CAST TG2-94-DI -022 LAT 00 28.9S LONG 1

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)
10.	28.071	35.284	0.00	28.069
76.	27.973	35.268	0.00	27.955
125.	24.318	34.914	0.00	24.291
199.	13.908	35.014	0.00	13.879
300.	11.757	34.840	0.00	11.718
400.	10.134	34.744	0.00	10.087
499.	8.343	34.632	0.00	8.291
604.	7.173	34.584	0.00	7.114
701.	6.294	34.556	0.00	6.230
800.	5.486	34.549	0.00	5.418
899.	5.115	34.546	0.00	5.040

CAST TG2-94-DI -023 LAT 00 04.6N LONG 155 00.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.081	35.220	0.00	28.079	22.537
74.	27.878	35.217	0.00	27.861	22.605
149.	19.975	34.979	0.00	19.948	24.760
303.	11.915	34.835	0.00	11.875	26.485
499.	8.411	34.635	0.00	8.358	26.933
999.	4.626	34.550	0.00	4.545	27.370
1501.	2.984	34.601	0.00	2.877	27.578
1999.	2.249	34.638	0.00	2.109	27.673
2499.	1.871	34.660	0.00	1.693	27.723
2999.	1.700	34.669	0.00	1.479	27.746
3498.	1.558	34.679	0.00	1.290	27.767
4427.	1.372	34.694	0.00	1.010	27.799

CAST TG2-94-DI -024 LAT 00 30.3N LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	27.936	35.141	0.00	27.934	22.525
76.	27.812	35.159	0.00	27.794	22.583
125.	23.535	34.847	0.00	23.509	23.672
201.	13.295	34.837	0.00	13.267	26.213
301.	11.792	34.827	0.00	11.753	26.502
399.	9.955	34.715	0.00	9.908	26.746
499.	8.440	34.637	0.00	8.387	26.931
600.	7.012	34.576	0.00	6.955	27.091
799.	5.702	34.546	0.00	5.632	27.240
895.	4.983	34.544	0.00	4.909	27.325
1002.	4.702	34.551	0.00	4.621	27.362

CAST TG2-94-DI -025 LAT 01 00.0N LONG 155 00.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.682	34.879	0.00	28.680	22.082
73.	27.854	34.977	0.00	27.837	22.433
124.	26.939	34.990	0.00	26.910	22.741
199.	12.352	34.772	0.00	12.325	26.350
300.	11.409	34.798	0.00	11.371	26.551
401.	9.733	34.685	0.00	9.687	26.759
502.	8.009	34.624	0.00	7.958	26.985
599.	7.135	34.579	0.00	7.077	27.077
699.	6.116	34.549	0.00	6.053	27.190
798.	5.676	34.545	0.00	5.607	27.242
898.	5.012	34.544	0.00	4.937	27.321
999.	4.612	34.552	0.00	4.531	27.373

CAST TG2-94-DI -026 LAT 01 30.0N LONG 155 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.759	34.865	0.00	28.757	22.046
75.	28.132	34.974	0.00	28.115	22.339
200.	12.315	34.732	0.00	12.289	26.326
300.	11.587	34.816	0.00	11.549	26.532
401.	9.163	34.661	0.00	9.118	26.834
499.	7.634	34.596	0.00	7.584	27.018
599.	6.755	34.564	0.00	6.698	27.117
699.	5.928	34.549	0.00	5.867	27.213
800.	5.534	34.548	0.00	5.465	27.262
898.	5.189	34.554	0.00	5.114	27.308
1002.	4.653	34.542	0.00	4.572	27.361

CAST TG2-94-DI -027 LAT 02 03.3N LONG 155 00.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	29.056	34.770	0.00	29.054	21.876
74.	28.472	34.878	0.00	28.455	22.156
148.	22.279	34.729	0.00	22.250	23.943
298.	11.559	34.804	0.00	11.521	26.528
500.	8.078	34.613	0.00	8.026	26.966
1000.	4.681	34.546	0.00	4.600	27.361
1501.	3.258	34.589	0.00	3.147	27.544
1999.	2.398	34.629	0.00	2.256	27.653
2500.	1.855	34.658	0.00	1.677	27.723
3001.	1.721	34.666	0.00	1.499	27.742
3500.	1.515	34.679	0.00	1.249	27.770
4502.	1.377	34.691	0.00	1.006	27.797

CAST TG2-94-DI -028 LAT 03 00.0N LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.356	34.067	0.00	29.353	21.248
74.	28.947	34.785	0.00	28.929	21.929
126.	25.241	34.733	0.00	25.214	23.076
201.	11.786	34.681	0.00	11.760	26.387
300.	10.518	34.730	0.00	10.482	26.658
400.	9.793	34.684	0.00	9.747	26.749
500.	8.444	34.616	0.00	8.391	26.913
601.	6.908	34.566	0.00	6.851	27.098
702.	6.098	34.546	0.00	6.035	27.190
798.	5.641	34.539	0.00	5.572	27.242
900.	5.122	34.540	0.00	5.046	27.305
999.	4.709	34.545	0.00	4.628	27.357

CAST TG2-94-DI -029 LAT 03 59.9N LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.479	34.270	0.00	29.476	21.359
75.	29.370	34.423	0.00	29.352	21.516
124.	25.166	34.784	0.00	25.139	23.137
201.	12.123	34.602	0.00	12.096	26.262
302.	9.940	34.674	0.00	9.905	26.714
400.	8.986	34.642	0.00	8.942	26.847
500.	8.224	34.615	0.00	8.172	26.946
600.	7.168	34.582	0.00	7.110	27.074
700.	6.281	34.556	0.00	6.217	27.174
800.	5.625	34.546	0.00	5.556	27.250
901.	5.143	34.546	0.00	5.067	27.308
1001.	4.706	34.555	0.00	4.625	27.365

CAST TG2-94-DI -030 LAT 04 56.2N LONG 154 56.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	29.229	33.733	0.00	29.226	21.040
75.	28.975	34.329	0.00	28.957	21.577
149.	17.024	34.707	0.00	16.999	25.290
298.	9.745	34.677	0.00	9.711	26.749
498.	8.231	34.614	0.00	8.179	26.944
998.	4.746	34.556	0.00	4.664	27.361
1499.	3.155	34.601	0.00	3.046	27.562
2000.	2.260	34.640	0.00	2.120	27.673
2500.	1.899	34.661	0.00	1.721	27.722
2998.	1.769	34.669	0.00	1.546	27.741
3500.	1.537	34.682	0.00	1.270	27.771
4392.	1.370	34.695	0.00	1.011	27.800

CAST TG2-94-DI -031 LAT 06 00.0N LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.329	33.622	0.00	29.327	20.923
76.	26.522	34.508	0.00	26.505	22.506
124.	19.723	34.729	0.00	19.700	24.635
199.	11.234	34.642	0.00	11.209	26.459
299.	9.574	34.652	0.00	9.540	26.758
399.	9.018	34.645	0.00	8.974	26.845
599.	7.131	34.574	0.00	7.073	27.073
700.	6.308	34.555	0.00	6.244	27.170
800.	5.589	34.548	0.00	5.520	27.255
901.	5.015	34.549	0.00	4.940	27.325
1000.	4.586	34.557	0.00	4.506	27.380

CAST TG2-94-DI -032 LAT 07 00.2N LONG 154 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.325	33.783	0.00	29.322	21.045
75.	25.959	34.658	0.00	25.942	22.795
102.	20.193	34.732	0.00	20.174	24.513
201.	10.931	34.653	0.00	10.906	26.523
300.	9.589	34.664	0.00	9.555	26.765
401.	9.110	34.649	0.00	9.065	26.833
501.	8.479	34.616	0.00	8.426	26.908
600.	7.537	34.575	0.00	7.477	27.017
700.	6.535	34.554	0.00	6.470	27.139
803.	5.677	34.546	0.00	5.607	27.243
900.	5.121	34.547	0.00	5.046	27.311
1002.	4.670	34.555	0.00	4.589	27.369

CAST TG2-94-DI -033 LAT 07 56.5N LONG 154 59.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
74.	21.873	34.728	0.00	21.858	24.052
124.	12.767	34.529	0.00	12.750	26.079
201.	10.808	34.701	0.00	10.784	26.582
300.	9.528	34.659	0.00	9.494	26.771
401.	8.833	34.640	0.00	8.789	26.870
501.	8.200	34.604	0.00	8.147	26.941
602.	7.232	34.564	0.00	7.173	27.052
700.	6.371	34.543	0.00	6.306	27.152
801.	5.566	34.537	0.00	5.497	27.249
891.	5.097	34.543	0.00	5.023	27.310
1000.	4.622	34.557	0.00	4.542	27.376

CAST TG2-94-DI -034 LAT 09 00.0N LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	28.900	33.869	0.00	28.898	21.252
76.	20.147	34.578	0.00	20.133	24.406
123.	11.538	34.594	0.00	11.523	26.364
200.	10.329	34.692	0.00	10.305	26.659
300.	9.299	34.652	0.00	9.266	26.803
402.	8.759	34.631	0.00	8.715	26.875
498.	7.925	34.593	0.00	7.875	26.974
600.	6.955	34.554	0.00	6.897	27.082
699.	6.097	34.536	0.00	6.034	27.182
802.	5.469	34.539	0.00	5.401	27.263
888.	5.037	34.544	0.00	4.963	27.318
1001.	4.601	34.553	0.00	4.520	27.375

CAST TG2-94-DI -035 LAT 10 00.2N LONG 155 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
8.	28.187	33.889	0.00	28.185	21.501
75.	17.738	34.670	0.00	17.726	25.088
125.	11.931	34.607	0.00	11.915	26.300
199.	10.505	34.682	0.00	10.481	26.620
299.	9.612	34.660	0.00	9.578	26.758
400.	8.736	34.604	0.00	8.693	26.857
500.	7.862	34.570	0.00	7.811	26.965
600.	6.910	34.540	0.00	6.853	27.077
700.	6.150	34.535	0.00	6.087	27.174
801.	5.558	34.532	0.00	5.489	27.246
900.	5.070	34.536	0.00	4.995	27.308
1000.	4.602	34.547	0.00	4.522	27.370

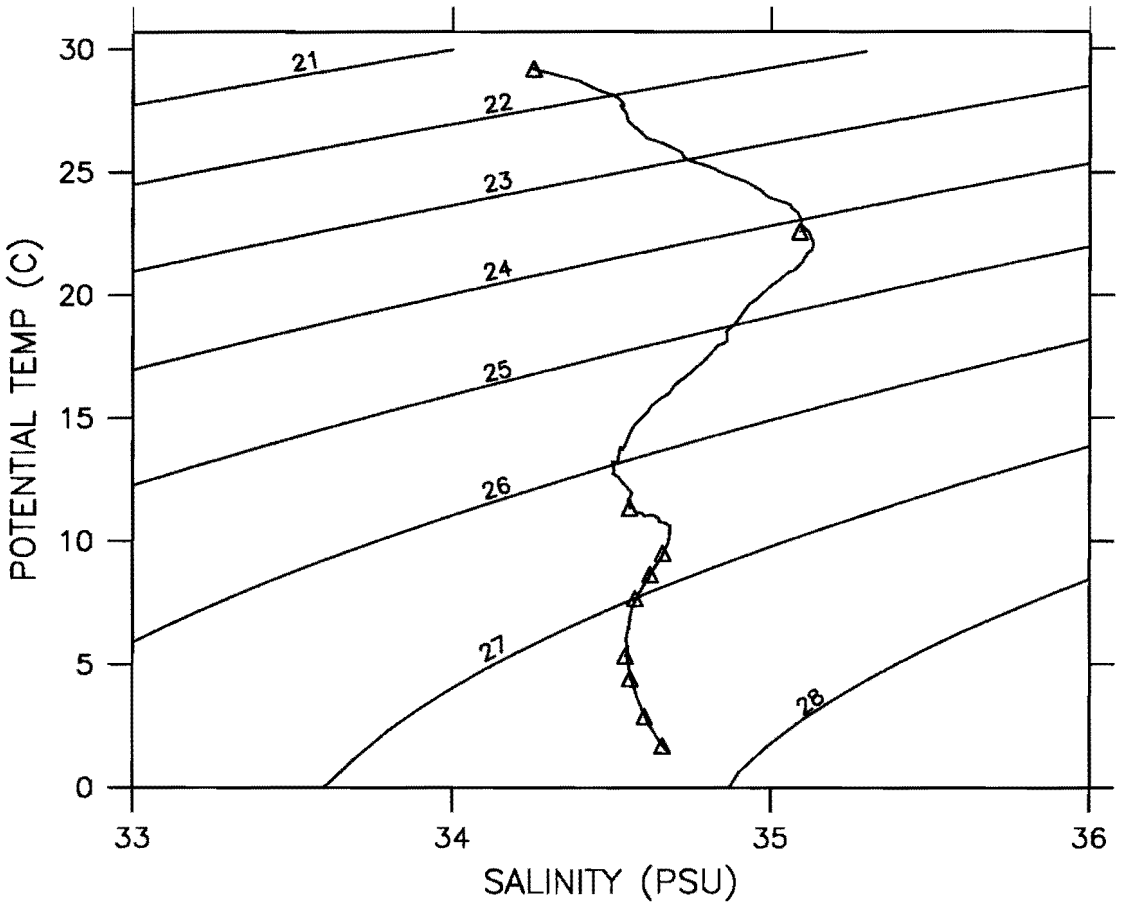
CAST TG2-94-DI -036 LAT 10 59.9N LONG 155 00.0W

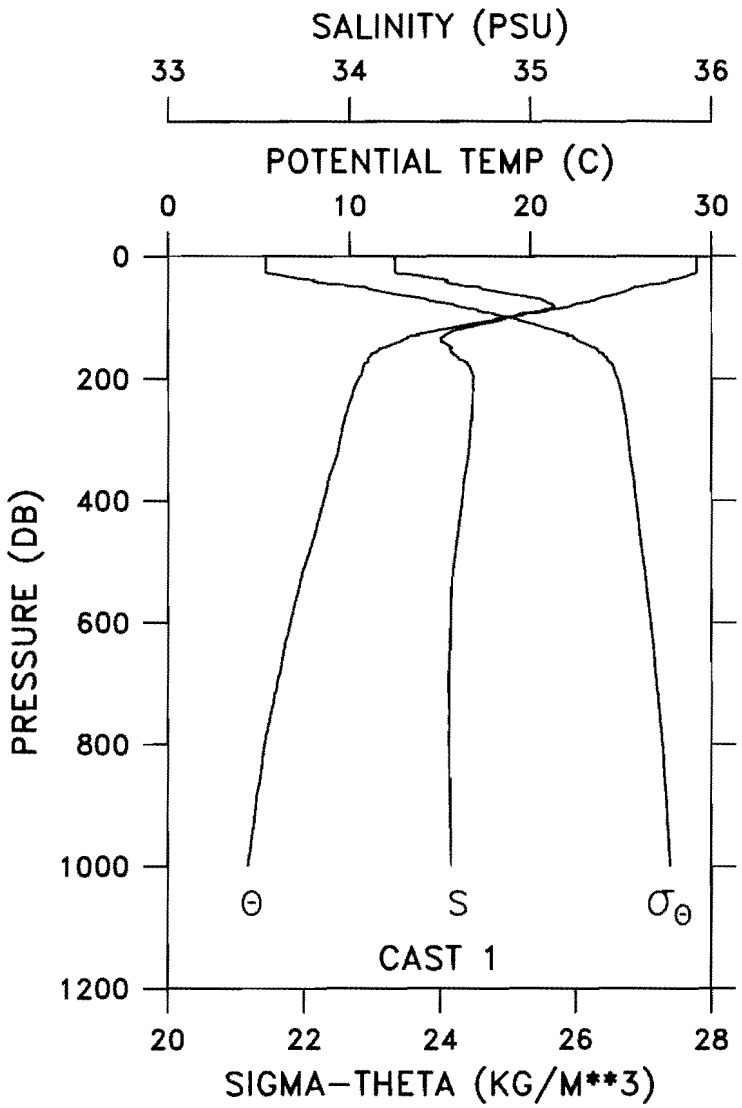
PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	27.763	33.966	0.00	27.760	21.697
75.	14.602	34.471	0.00	14.591	25.653
125.	11.388	34.561	0.00	11.373	26.366
201.	10.544	34.686	0.00	10.520	26.617
300.	9.704	34.665	0.00	9.670	26.746
400.	8.694	34.605	0.00	8.652	26.864
500.	7.855	34.566	0.00	7.804	26.962
598.	6.912	34.535	0.00	6.855	27.073
700.	6.152	34.520	0.00	6.089	27.162
799.	5.494	34.520	0.00	5.426	27.245
900.	5.005	34.535	0.00	4.931	27.314
999.	4.559	34.543	0.00	4.479	27.372

TG3-94-DI
November 1-25, 1994
CTD and Hydrographic Data Summary

CAST TG3-94-DI -001 DATE 04 NOV 94 TIME 1244 GMT

LAT 08 00.0N LONG 169 56.6W



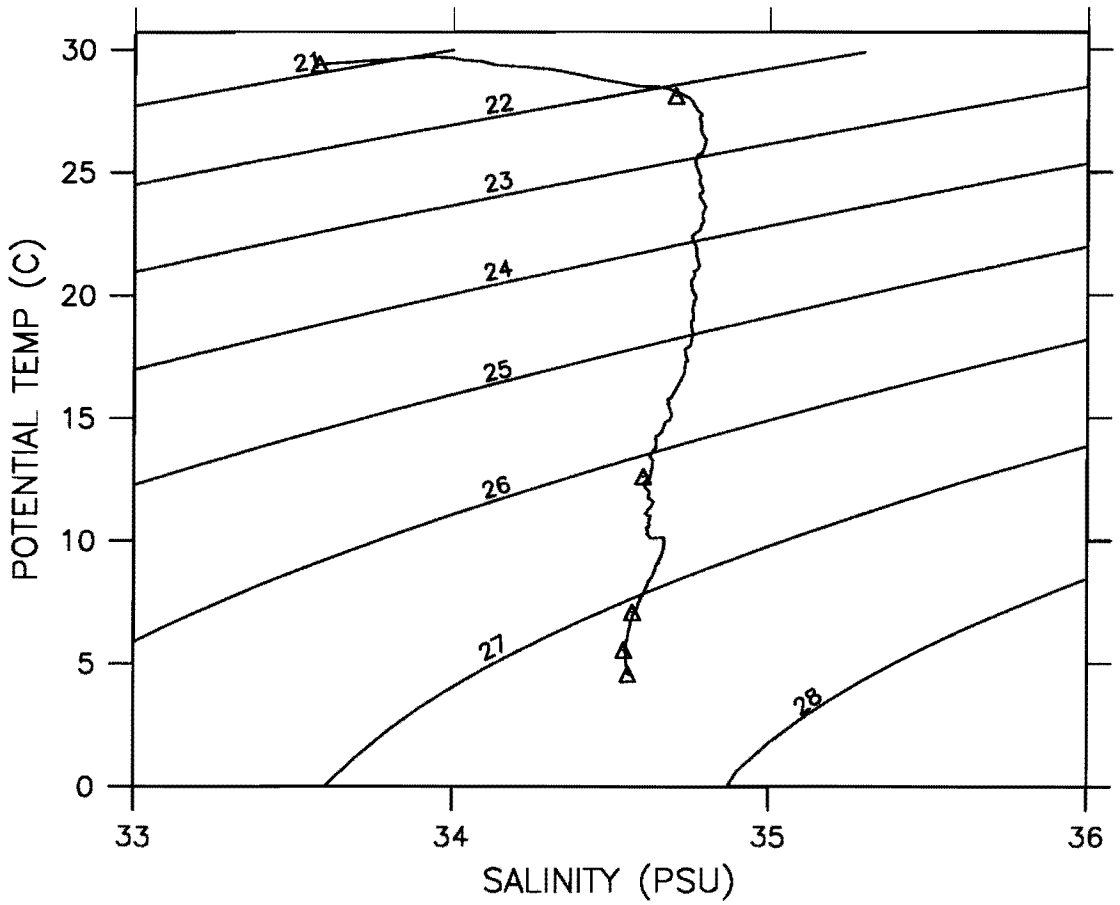


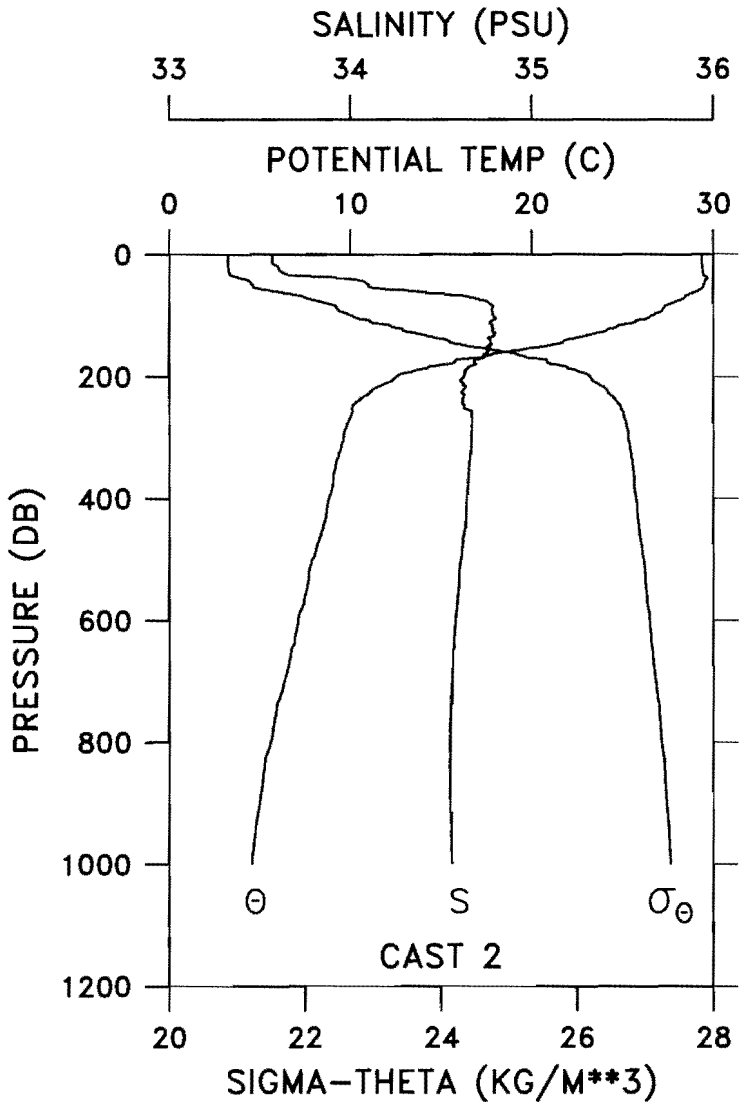
CAST TG3-94-DI -001 DATE 04 NOV 94 TIME 1244 GMT
LAT 08 00.0N LONG 169 56.6W WEATHER 1 SEA STATE 3
BAROMETER 08 WIND DIR 270 T SPD 09 KT VISIBILITY 9
CLOUD 8 AMOUNT 2 DRY 28.2 WET 25.2 DEPTH 5368 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.199	34.251	21.438	0.000
10	29.203	34.251	21.436	0.064
20	29.208	34.251	21.435	0.127
30	28.871	34.343	21.616	0.190
40	27.678	34.533	22.150	0.250
50	25.786	34.720	22.890	0.304
60	24.885	34.861	23.272	0.353
70	23.616	35.065	23.805	0.396
80	22.343	35.124	24.217	0.436
90	20.933	35.056	24.557	0.471
100	18.531	34.860	25.034	0.503
110	16.837	34.746	25.359	0.531
120	14.945	34.591	25.669	0.556
130	13.365	34.521	25.949	0.578
140	12.737	34.505	26.062	0.598
150	11.786	34.559	26.288	0.617
160	11.205	34.575	26.408	0.634
170	11.059	34.626	26.474	0.650
180	10.763	34.664	26.557	0.666
190	10.682	34.676	26.580	0.681
200	10.505	34.683	26.617	0.696
250	9.905	34.677	26.716	0.766
300	9.489	34.663	26.775	0.834
350	9.036	34.642	26.833	0.899
400	8.574	34.621	26.889	0.962
450	8.148	34.600	26.938	1.022
500	7.653	34.577	26.993	1.081
550	7.179	34.563	27.050	1.136
600	6.756	34.558	27.104	1.190
650	6.357	34.552	27.152	1.241
700	6.022	34.547	27.192	1.290
750	5.677	34.551	27.239	1.338
800	5.327	34.548	27.279	1.383
900	4.850	34.555	27.340	1.469
1000	4.421	34.563	27.394	1.550
1500	2.865	34.607	27.584	1.890
2000	2.076	34.642	27.679	2.169
2500	1.683	34.663	27.727	2.413
3000	1.454	34.675	27.753	2.645
3003	1.454	34.675	27.753	2.647

CAST TG3-94-DI -002 DATE 05 NOV 94 TIME 1359 GMT

LAT 05 02.8N LONG 169 57.9W



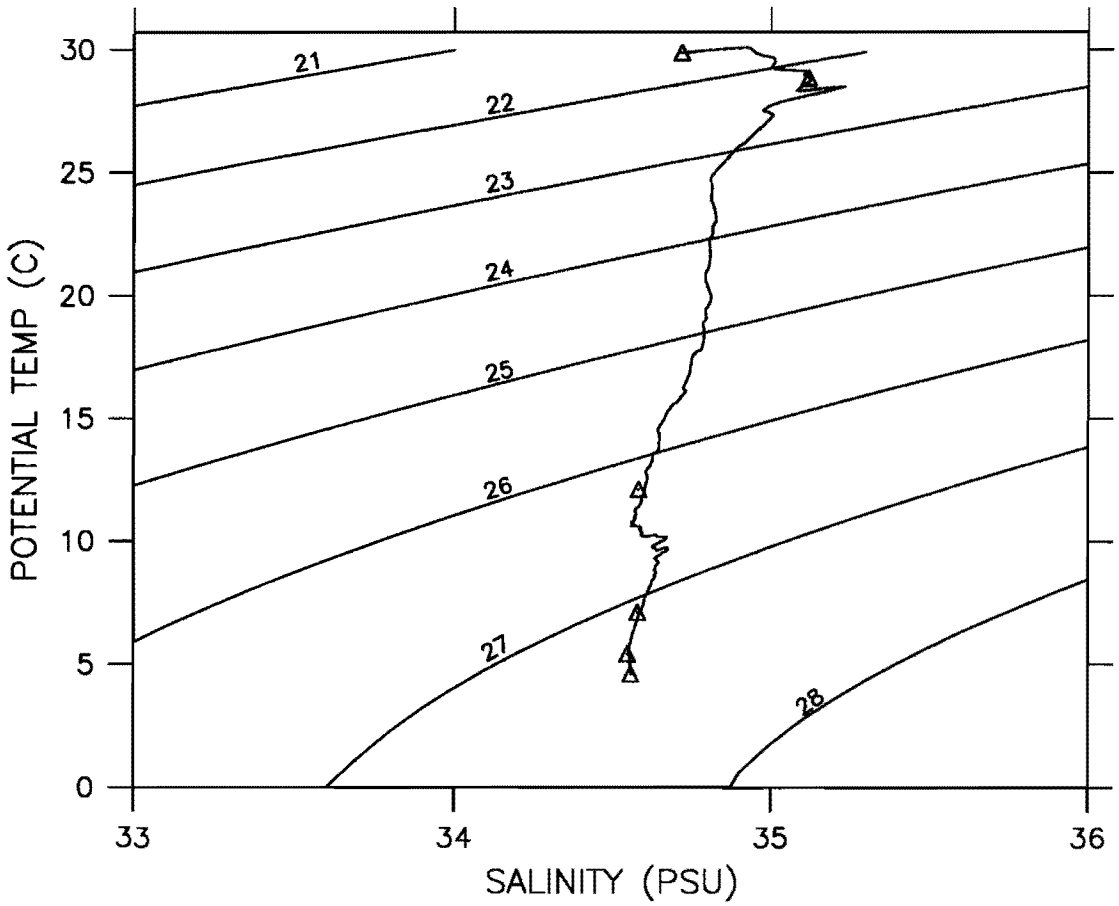


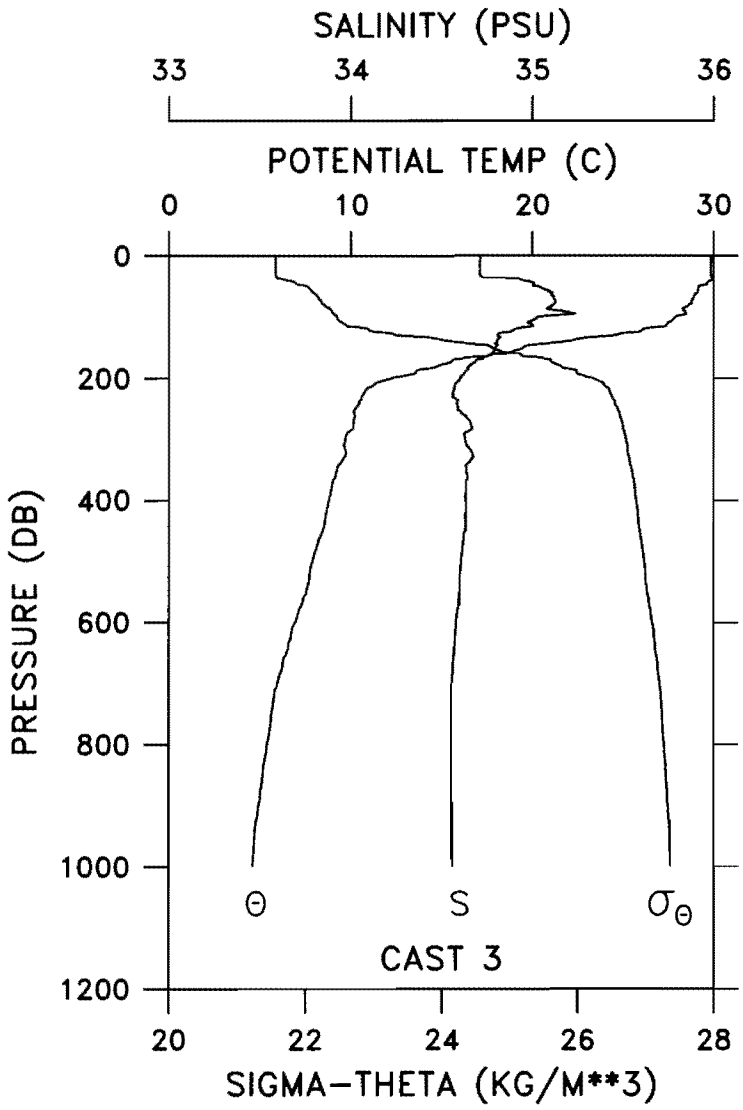
CAST TG3-94-DI -002 DATE 05 NOV 94 TIME 1359 GMT
LAT 05 02.8N LONG 169 57.9W WEATHER 1 SEA STATE 3
BAROMETER 08 WIND DIR 285 T SPD 07 KT VISIBILITY 7
CLOUD 4 AMOUNT 6 DRY 27.0 WET 24.4 DEPTH 5673 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.374	33.572	20.870	0.000
10	29.368	33.568	20.869	0.069
20	29.417	33.601	20.877	0.138
30	29.444	33.631	20.891	0.207
40	29.661	33.995	21.091	0.275
50	29.465	34.103	21.237	0.341
60	29.135	34.330	21.519	0.406
70	28.466	34.655	21.985	0.467
80	27.665	34.764	22.328	0.524
90	27.222	34.780	22.483	0.578
100	26.580	34.786	22.692	0.631
110	25.713	34.773	22.953	0.682
120	24.522	34.780	23.321	0.729
130	23.378	34.790	23.667	0.774
140	21.855	34.769	24.084	0.815
150	20.773	34.764	24.377	0.852
160	18.472	34.757	24.970	0.886
170	16.802	34.731	25.356	0.914
180	15.138	34.692	25.705	0.939
190	13.543	34.632	25.998	0.961
200	12.547	34.625	26.193	0.980
250	10.115	34.625	26.640	1.062
300	9.634	34.665	26.753	1.131
350	9.161	34.651	26.819	1.197
400	8.811	34.640	26.867	1.261
450	8.488	34.629	26.908	1.323
500	7.891	34.607	26.981	1.383
550	7.588	34.594	27.016	1.440
600	7.124	34.578	27.069	1.495
650	6.741	34.566	27.113	1.549
700	6.349	34.559	27.160	1.600
750	5.905	34.551	27.210	1.649
800	5.598	34.549	27.246	1.696
900	4.996	34.551	27.320	1.784
1000	4.549	34.561	27.378	1.867
1001	4.526	34.561	27.381	1.868

CAST TG3-94-DI -003 DATE 05 NOV 94 TIME 1942 GMT

LAT 03 59.9N LONG 170 00.0W



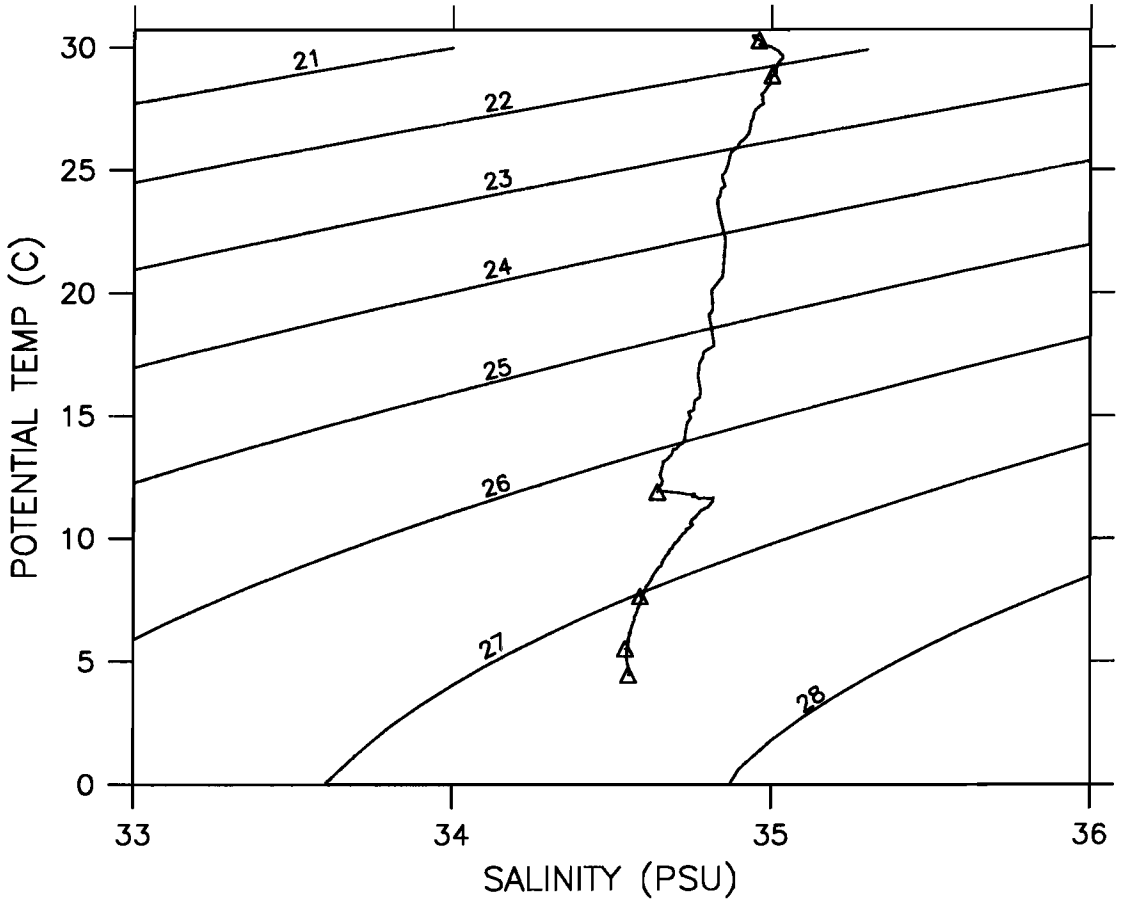


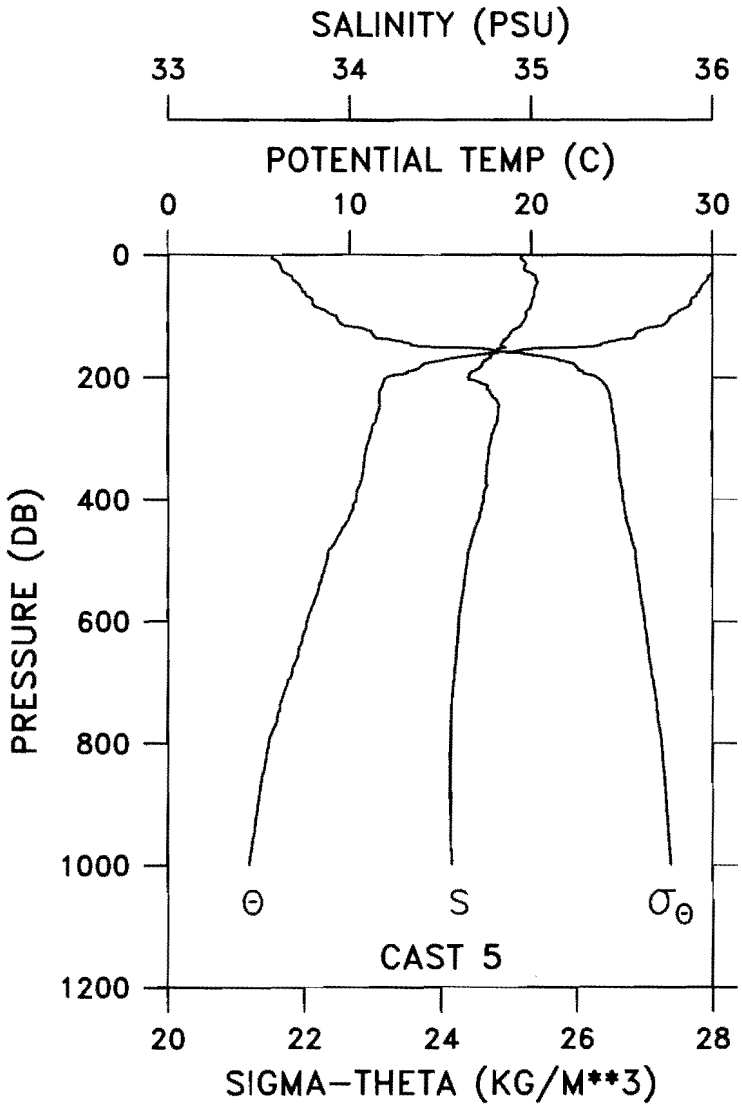
CAST TG3-94-DI -003 DATE 05 NOV 94 TIME 1942 GMT
LAT 03 59.9N LONG 170 00.0W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 295 T SPD 07 KT VISIBILITY 7
CLOUD 8 AMOUNT 6 DRY 29.3 WET 26.5 DEPTH 5642 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.858	34.714	21.563	0.000
10	29.848	34.709	21.562	0.062
20	29.846	34.709	21.563	0.125
30	29.841	34.709	21.565	0.187
40	29.844	34.951	21.745	0.249
50	29.165	35.036	22.038	0.309
60	29.114	35.111	22.112	0.366
70	28.874	35.118	22.197	0.423
80	28.641	35.114	22.271	0.479
90	28.417	35.165	22.384	0.535
100	27.859	35.029	22.464	0.589
110	27.466	34.978	22.554	0.643
120	26.069	34.899	22.938	0.695
130	24.360	34.812	23.394	0.743
140	21.662	34.806	24.166	0.784
150	19.481	34.795	24.742	0.818
160	17.806	34.778	25.151	0.850
170	15.610	34.693	25.601	0.876
180	14.778	34.651	25.752	0.900
190	13.582	34.625	25.985	0.922
200	12.235	34.600	26.234	0.941
250	10.259	34.587	26.585	1.022
300	9.703	34.630	26.713	1.093
350	9.238	34.635	26.795	1.161
400	8.797	34.632	26.862	1.226
450	8.455	34.626	26.912	1.288
500	7.891	34.607	26.981	1.347
550	7.559	34.597	27.023	1.404
600	6.927	34.579	27.098	1.458
650	6.463	34.567	27.151	1.510
700	5.952	34.556	27.208	1.559
750	5.630	34.550	27.244	1.605
800	5.391	34.551	27.273	1.651
900	4.934	34.554	27.329	1.738
1000	4.607	34.559	27.371	1.820
1003	4.597	34.559	27.371	1.822

CAST TG3-94-DI -005 DATE 06 NOV 94 TIME 0343 GMT

LAT 02 29.8N LONG 170 00.1W



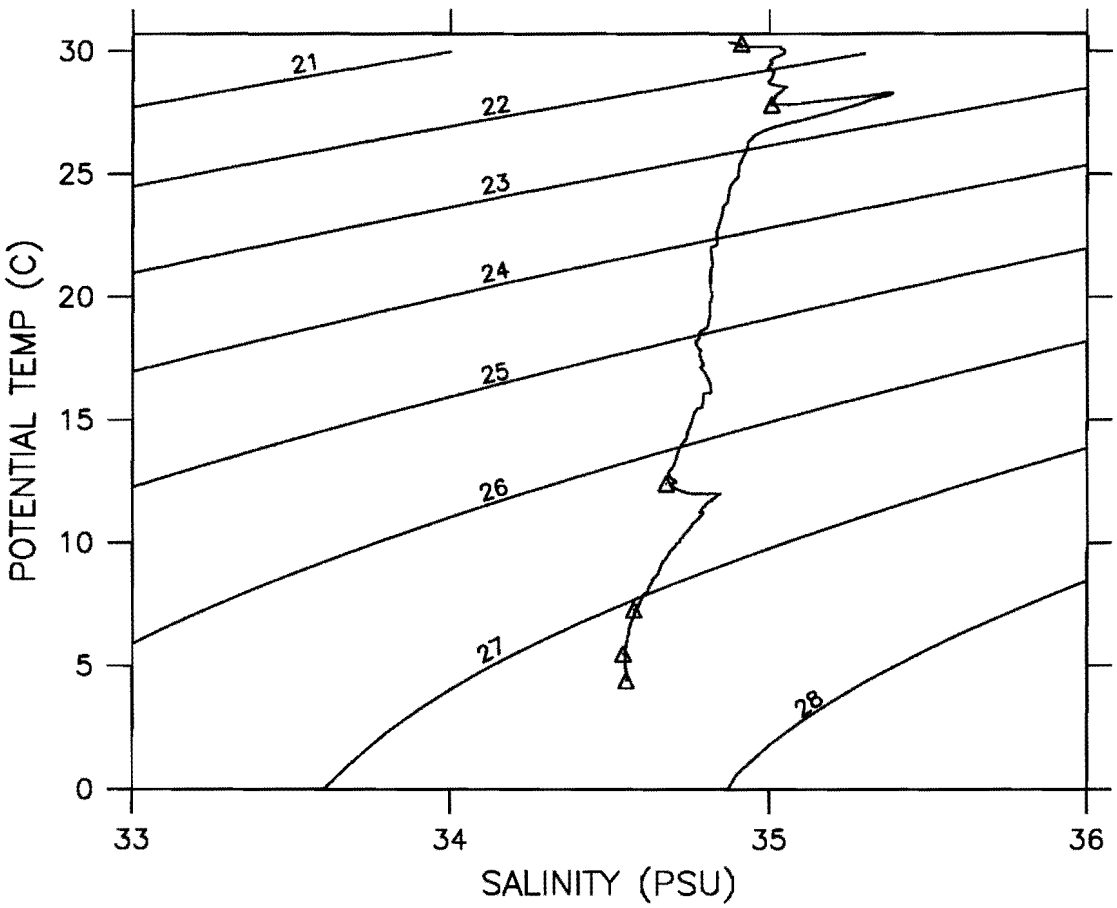


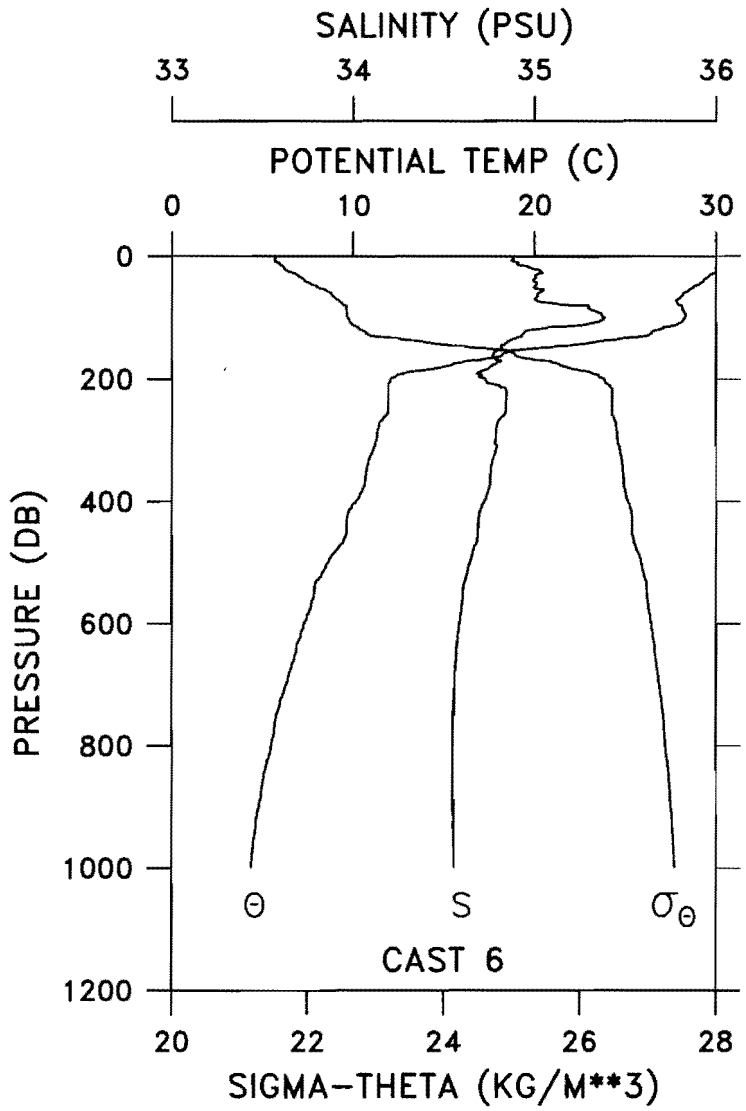
CAST TG3-94-DI -005 DATE 06 NOV 94 TIME 0343 GMT
LAT 02 29.8N LONG 170 00.1W WEATHER 1 SEA STATE 2
BAROMETER 07 WIND DIR 350 T SPD 05 KT VISIBILITY 7
CLOUD 8 AMOUNT 4 DRY 31.0 WET 26.0 DEPTH 5325 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.462	34.950	21.532	0.000
10	30.283	34.961	21.602	0.062
20	30.123	34.963	21.659	0.124
30	29.968	35.000	21.740	0.185
40	29.748	35.024	21.833	0.246
50	29.436	35.026	21.940	0.305
60	29.299	35.017	21.979	0.364
70	28.947	35.009	22.091	0.422
80	28.822	35.001	22.127	0.479
90	28.251	34.981	22.300	0.536
100	27.669	34.972	22.483	0.591
110	27.482	34.952	22.529	0.645
120	26.345	34.921	22.868	0.697
130	25.801	34.882	23.008	0.747
140	24.666	34.846	23.327	0.795
150	23.136	34.838	23.773	0.839
160	17.856	34.821	25.172	0.872
170	15.387	34.758	25.701	0.898
180	13.992	34.728	25.979	0.920
190	13.249	34.677	26.093	0.940
200	12.066	34.648	26.304	0.959
250	11.633	34.819	26.519	1.040
300	11.100	34.779	26.586	1.117
350	10.764	34.753	26.626	1.192
400	10.381	34.736	26.680	1.265
450	9.574	34.685	26.778	1.335
500	8.785	34.646	26.875	1.400
550	8.275	34.624	26.937	1.462
600	7.666	34.599	27.009	1.521
650	7.195	34.587	27.066	1.578
700	6.580	34.570	27.137	1.631
750	6.055	34.558	27.197	1.681
800	5.547	34.551	27.255	1.728
900	4.951	34.552	27.326	1.816
1000	4.463	34.559	27.386	1.898
1003	4.449	34.559	27.388	1.901

CAST TG3-94-DI -006 DATE 06 NOV 94 TIME 0702 GMT

LAT 02 00.0N LONG 170 01.0W



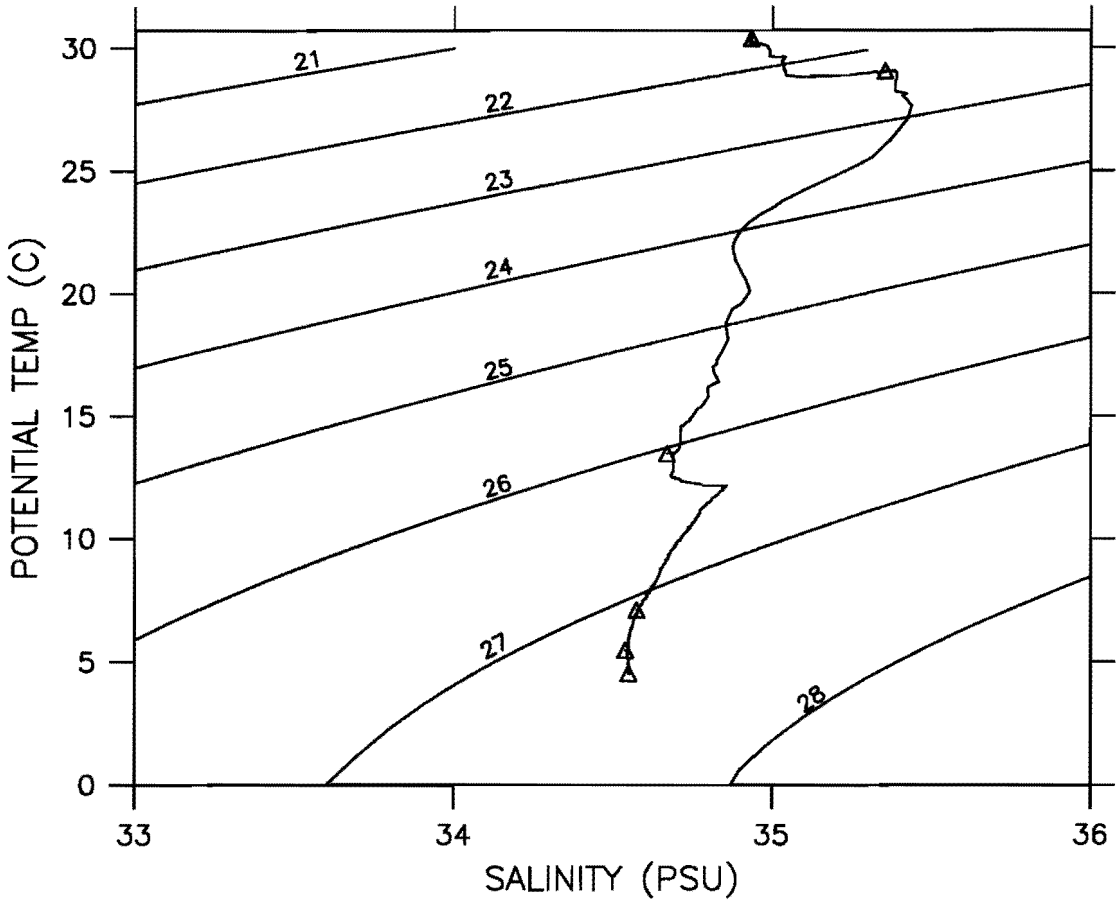


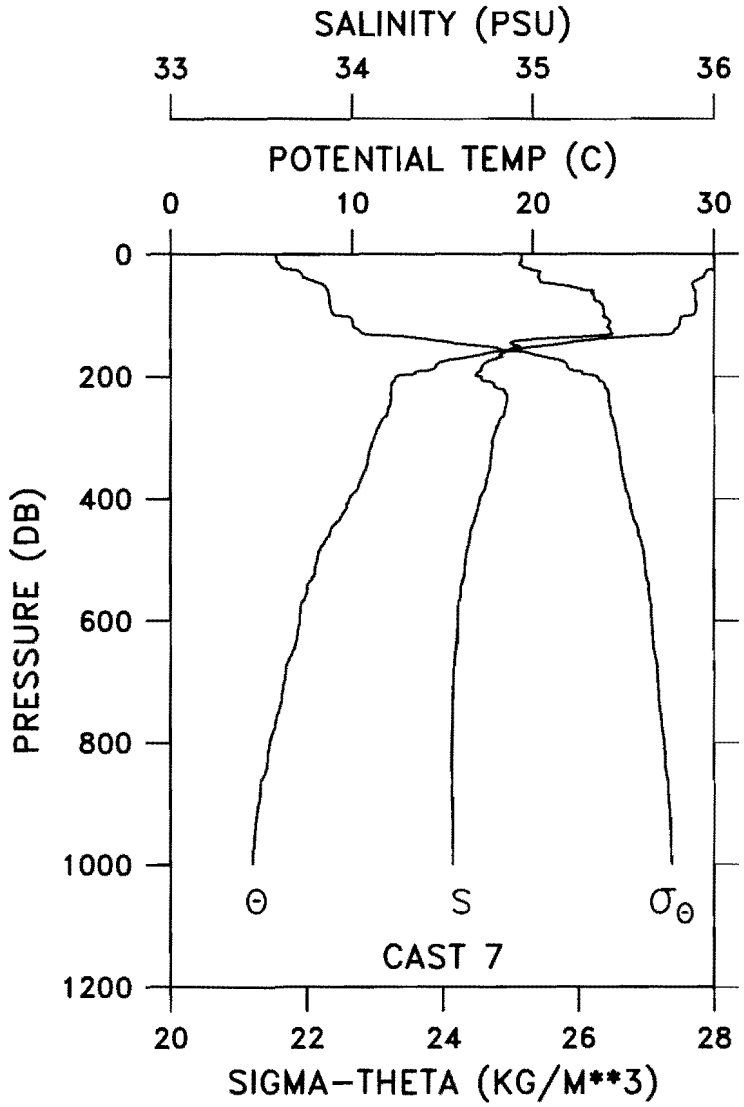
CAST TG3-94-DI -006 DATE 06 NOV 94 TIME 0702 GMT
LAT 02 00.0N LONG 170 01.0W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 055 T SPD 09 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 29.0 WET 25.0 DEPTH 5373 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.346	34.884	21.523	0.000
10	30.270	34.911	21.569	0.063
20	30.180	34.986	21.657	0.125
30	29.684	35.011	21.845	0.185
40	29.316	34.995	21.956	0.244
50	28.772	34.997	22.140	0.302
60	28.201	35.020	22.346	0.358
70	27.866	35.003	22.443	0.413
80	28.130	35.285	22.569	0.467
90	28.233	35.340	22.576	0.520
100	28.276	35.387	22.598	0.573
110	27.908	35.298	22.651	0.626
120	26.724	34.978	22.791	0.677
130	26.009	34.929	22.979	0.728
140	23.245	34.849	23.750	0.773
150	20.044	34.820	24.614	0.811
160	18.228	34.772	25.042	0.842
170	16.502	34.814	25.489	0.870
180	14.968	34.757	25.792	0.894
190	12.891	34.686	26.172	0.915
200	12.088	34.728	26.361	0.933
250	11.976	34.841	26.471	1.014
300	11.296	34.784	26.554	1.093
350	10.770	34.759	26.630	1.168
400	10.179	34.722	26.705	1.242
450	9.659	34.688	26.767	1.310
500	8.631	34.646	26.899	1.376
550	7.874	34.606	26.983	1.436
600	7.298	34.586	27.051	1.493
650	6.828	34.570	27.104	1.547
700	6.315	34.562	27.166	1.598
750	5.777	34.552	27.227	1.647
800	5.506	34.549	27.258	1.693
900	4.841	34.551	27.338	1.780
1000	4.406	34.558	27.392	1.860
1002	4.405	34.557	27.391	1.862

CAST TG3-94-DI -007 DATE 06 NOV 94 TIME 1007 GMT

LAT 01 30.1N LONG 170 00.0W



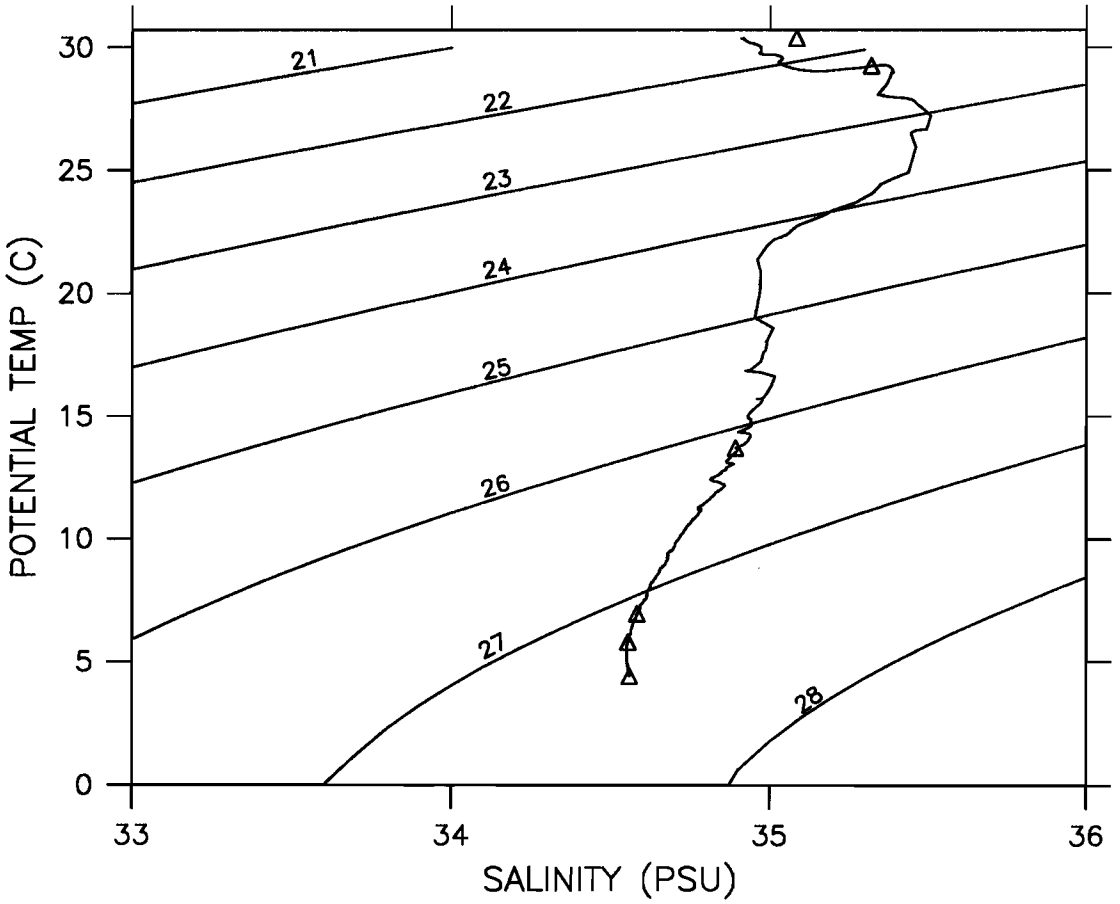


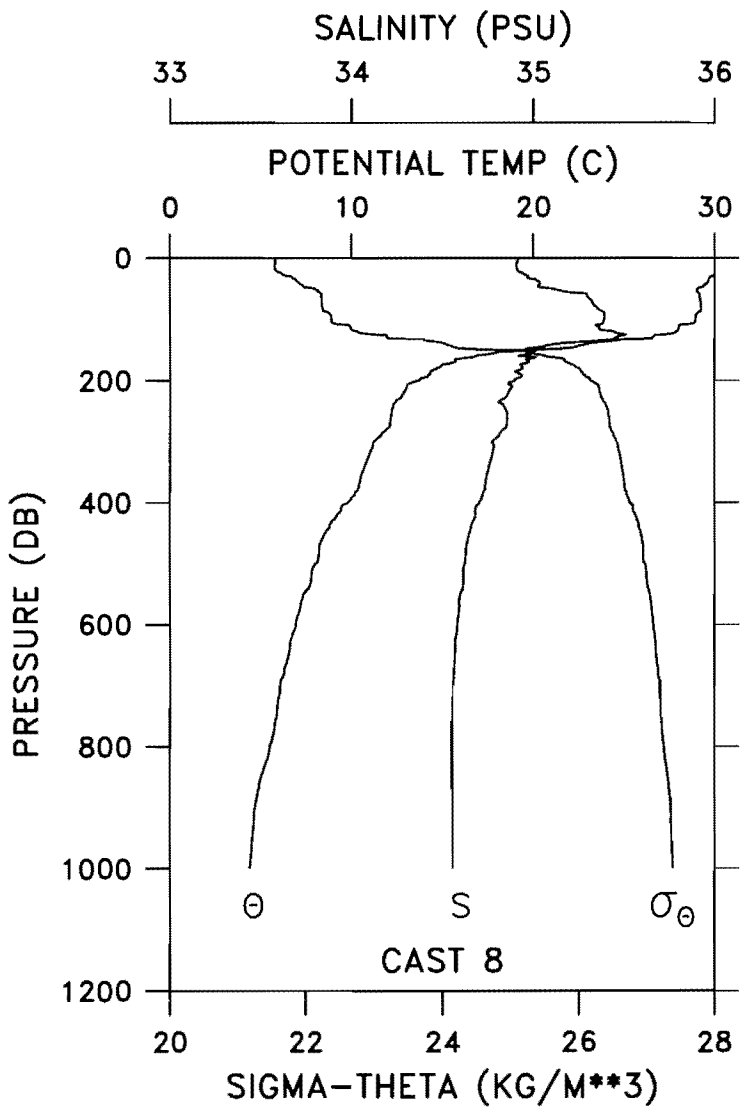
CAST TG3-94-DI -007 DATE 06 NOV 94 TIME 1007 GMT
LAT 01 30.1N LONG 170 00.0W WEATHER 1 SEA STATE 3
BAROMETER 10 WIND DIR 130 T SPD 05 KT VISIBILITY 8
CLOUD 8 AMOUNT 2 DRY 28.9 WET 25.7 DEPTH 5497 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.395	34.938	21.547	0.000
10	30.362	34.935	21.556	0.062
20	30.205	34.942	21.615	0.125
30	29.582	35.039	21.900	0.185
40	29.281	35.035	21.998	0.244
50	28.809	35.135	22.231	0.301
60	29.004	35.335	22.316	0.357
70	28.973	35.339	22.330	0.412
80	29.022	35.368	22.336	0.468
90	29.011	35.389	22.355	0.523
100	28.791	35.392	22.431	0.578
110	28.122	35.424	22.675	0.630
120	28.014	35.411	22.702	0.682
130	27.635	35.438	22.845	0.734
140	23.234	34.968	23.843	0.779
150	20.519	34.918	24.563	0.817
160	17.691	34.845	25.230	0.848
170	16.066	34.797	25.578	0.874
180	14.689	34.725	25.829	0.897
190	14.213	34.714	25.921	0.919
200	12.414	34.713	26.287	0.939
250	12.020	34.847	26.467	1.022
300	11.219	34.779	26.564	1.101
350	10.766	34.760	26.631	1.176
400	9.847	34.703	26.747	1.248
450	8.808	34.654	26.878	1.315
500	8.057	34.625	26.971	1.375
550	7.514	34.598	27.029	1.432
600	7.094	34.582	27.076	1.487
650	6.703	34.569	27.120	1.540
700	6.262	34.558	27.170	1.591
750	5.941	34.552	27.206	1.639
800	5.454	34.549	27.264	1.686
900	4.856	34.552	27.337	1.773
1000	4.520	34.555	27.377	1.854
1003	4.507	34.555	27.378	1.857

CAST TG3-94-DI -008 DATE 06 NOV 94 TIME 1309 GMT

LAT 01 00.2N LONG 169 59.9W



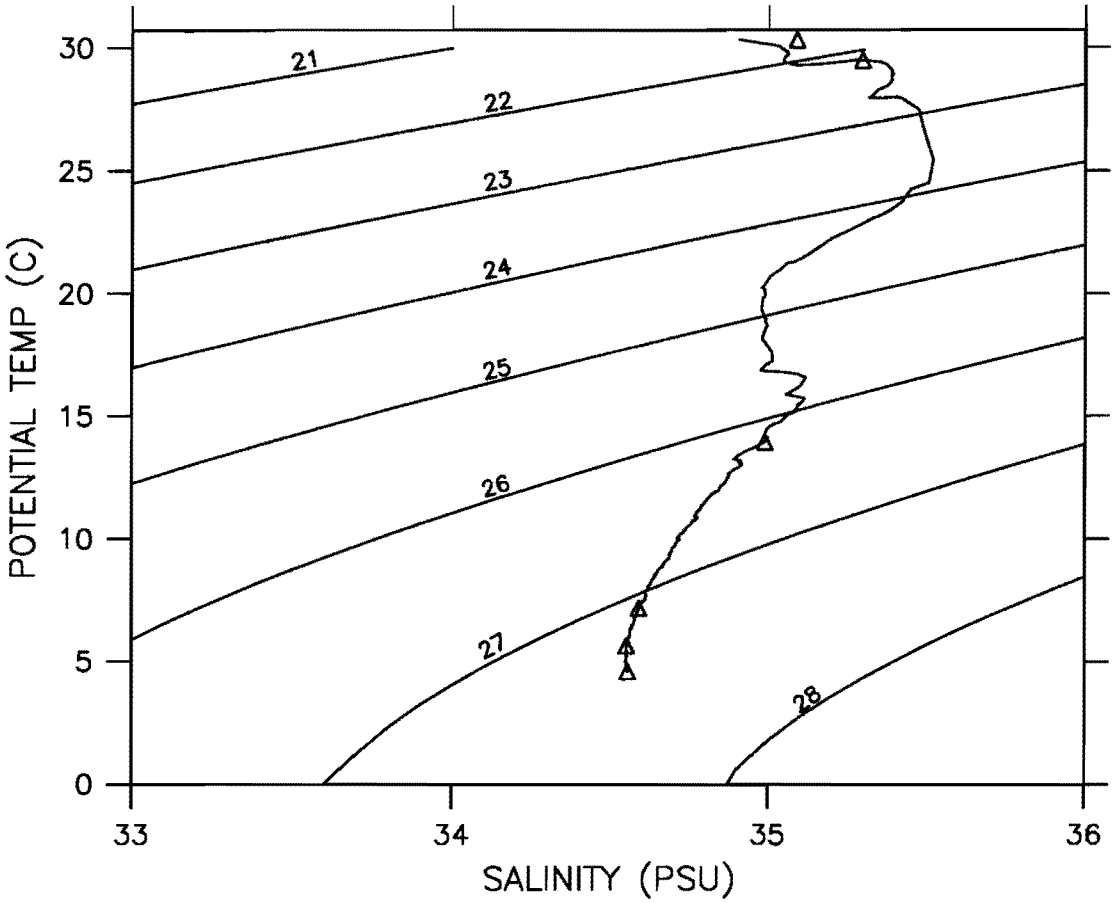


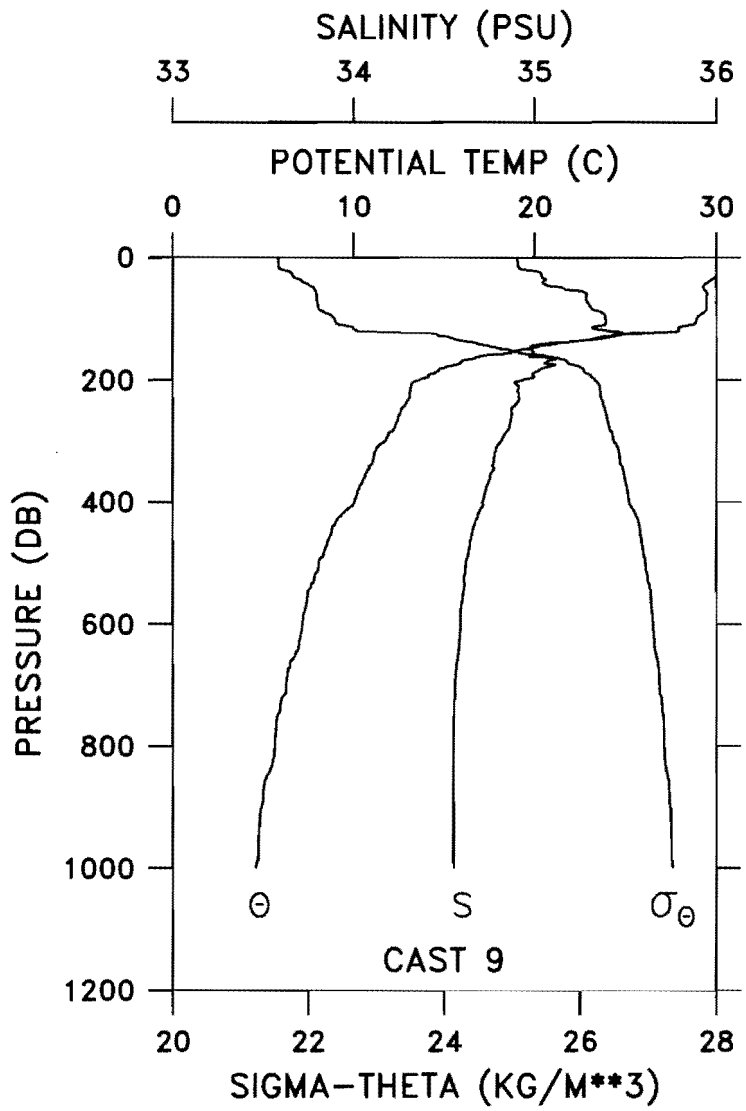
CAST TG3-94-DI -008 DATE 06 NOV 94 TIME 1309 GMT
LAT 01 00.2N LONG 169 59.9W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 120 T SPD 06 KT VISIBILITY 9
CLOUD 8 AMOUNT 3 DRY 28.3 WET 24.3 DEPTH 5417 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.352	34.916	21.545	0.000
10	30.356	34.908	21.538	0.063
20	30.333	34.914	21.550	0.125
30	29.799	34.971	21.776	0.187
40	29.605	35.035	21.890	0.247
50	29.068	35.102	22.120	0.305
60	29.176	35.294	22.229	0.362
70	29.225	35.319	22.230	0.418
80	29.261	35.347	22.239	0.474
90	29.052	35.389	22.341	0.530
100	28.950	35.389	22.375	0.586
110	28.055	35.342	22.636	0.640
120	27.897	35.443	22.764	0.692
130	26.576	35.453	23.196	0.741
140	22.959	35.129	24.045	0.783
150	20.086	34.967	24.715	0.821
160	16.845	34.922	25.492	0.849
170	15.624	34.975	25.815	0.872
180	14.689	34.938	25.993	0.893
190	14.283	34.935	26.078	0.913
200	13.723	34.899	26.167	0.933
250	12.229	34.854	26.433	1.020
300	11.272	34.774	26.550	1.101
350	10.633	34.748	26.646	1.176
400	9.826	34.702	26.749	1.248
450	8.566	34.649	26.912	1.312
500	8.029	34.623	26.974	1.372
550	7.370	34.597	27.049	1.429
600	6.936	34.582	27.099	1.483
650	6.535	34.569	27.143	1.534
700	6.076	34.558	27.194	1.584
750	5.886	34.555	27.216	1.632
800	5.508	34.550	27.259	1.678
900	4.708	34.554	27.355	1.764
1000	4.420	34.559	27.391	1.844
1004	4.414	34.558	27.391	1.847

CAST TG3-94-DI -009 DATE 06 NOV 94 TIME 1613 GMT

LAT 00 29.8N LONG 169 59.8W



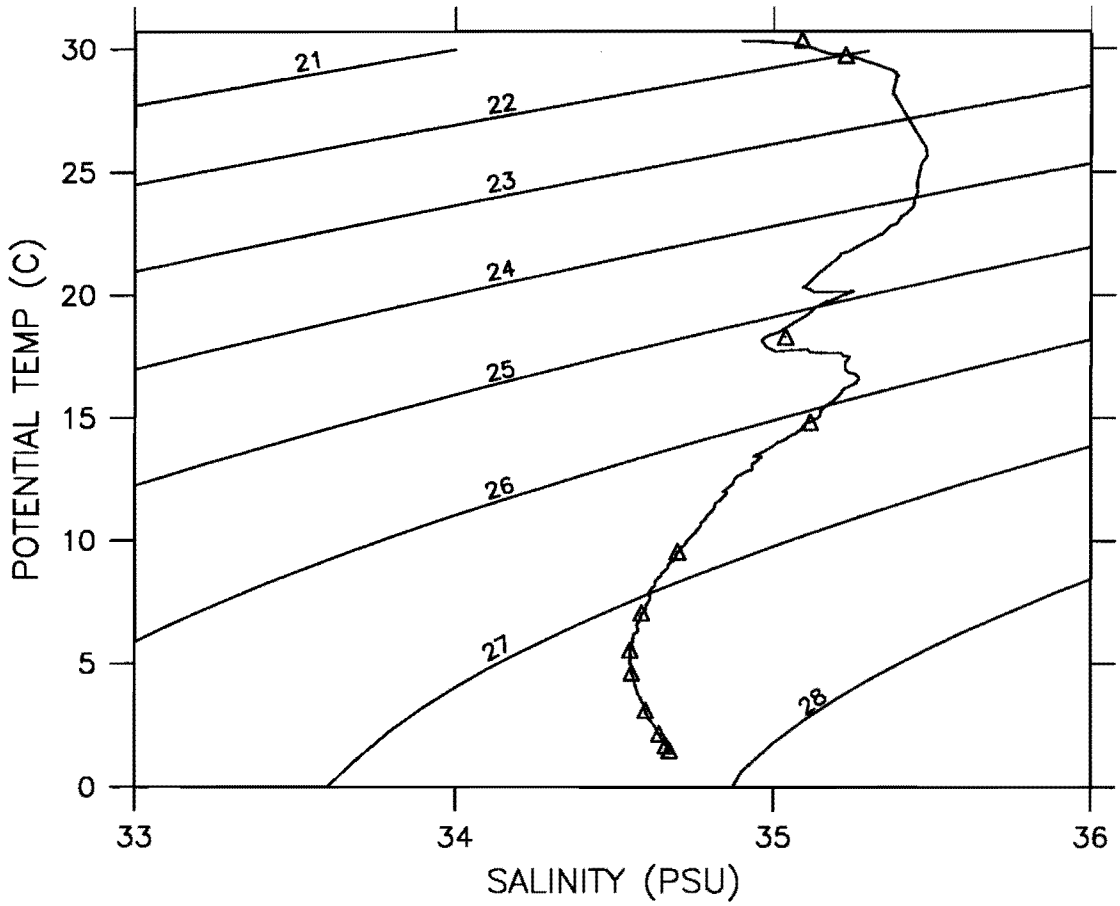


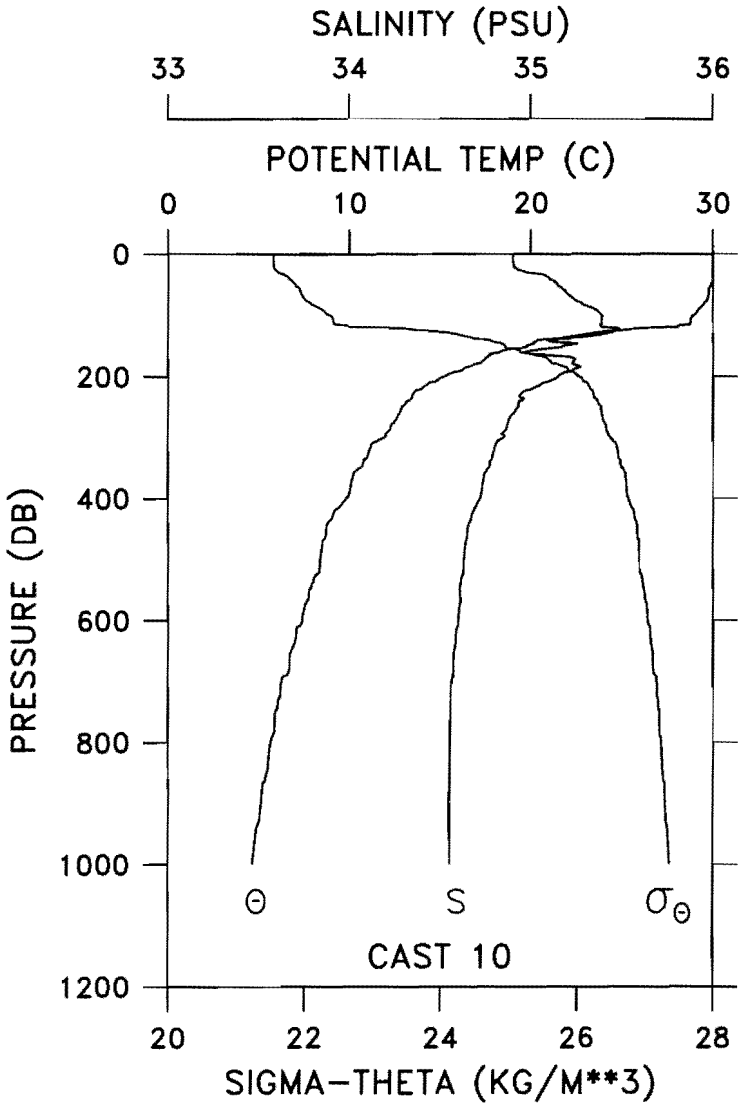
CAST TG3-94-DI -009 DATE 06 NOV 94 TIME 1613 GMT
LAT 00 29.8N LONG 169 59.8W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 090 T SPD 10 KT VISIBILITY 7
CLOUD 8 AMOUNT 4 DRY 28.8 WET 25.3 DEPTH 5409 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.305	34.906	21.554	0.000
10	30.307	34.908	21.554	0.062
20	30.237	34.936	21.600	0.125
30	29.985	35.038	21.762	0.186
40	29.551	35.048	21.917	0.246
50	29.308	35.154	22.079	0.304
60	29.481	35.288	22.120	0.361
70	29.458	35.284	22.126	0.418
80	29.453	35.306	22.144	0.476
90	29.297	35.370	22.244	0.533
100	28.929	35.387	22.381	0.588
110	28.670	35.388	22.468	0.643
120	27.958	35.405	22.715	0.695
130	23.631	35.410	24.062	0.739
140	21.273	35.082	24.483	0.776
150	19.357	34.977	24.913	0.810
160	17.254	35.012	25.464	0.839
170	15.978	35.071	25.808	0.862
180	15.038	35.058	26.009	0.884
190	14.337	34.990	26.109	0.904
200	13.645	34.940	26.216	0.923
250	12.628	34.872	26.369	1.011
300	11.761	34.816	26.492	1.094
350	10.775	34.768	26.635	1.171
400	10.048	34.713	26.720	1.243
450	8.783	34.655	26.883	1.309
500	8.079	34.620	26.964	1.369
550	7.466	34.604	27.041	1.427
600	7.158	34.590	27.074	1.482
650	6.763	34.577	27.118	1.535
700	6.255	34.561	27.173	1.585
750	5.787	34.556	27.229	1.633
800	5.643	34.551	27.243	1.680
900	4.916	34.549	27.328	1.768
1000	4.594	34.555	27.369	1.851
1003	4.592	34.554	27.368	1.854

CAST TG3–94–DI –010 DATE 06 NOV 94 TIME 2021 GMT

LAT 00 05.1S LONG 170 02.2W



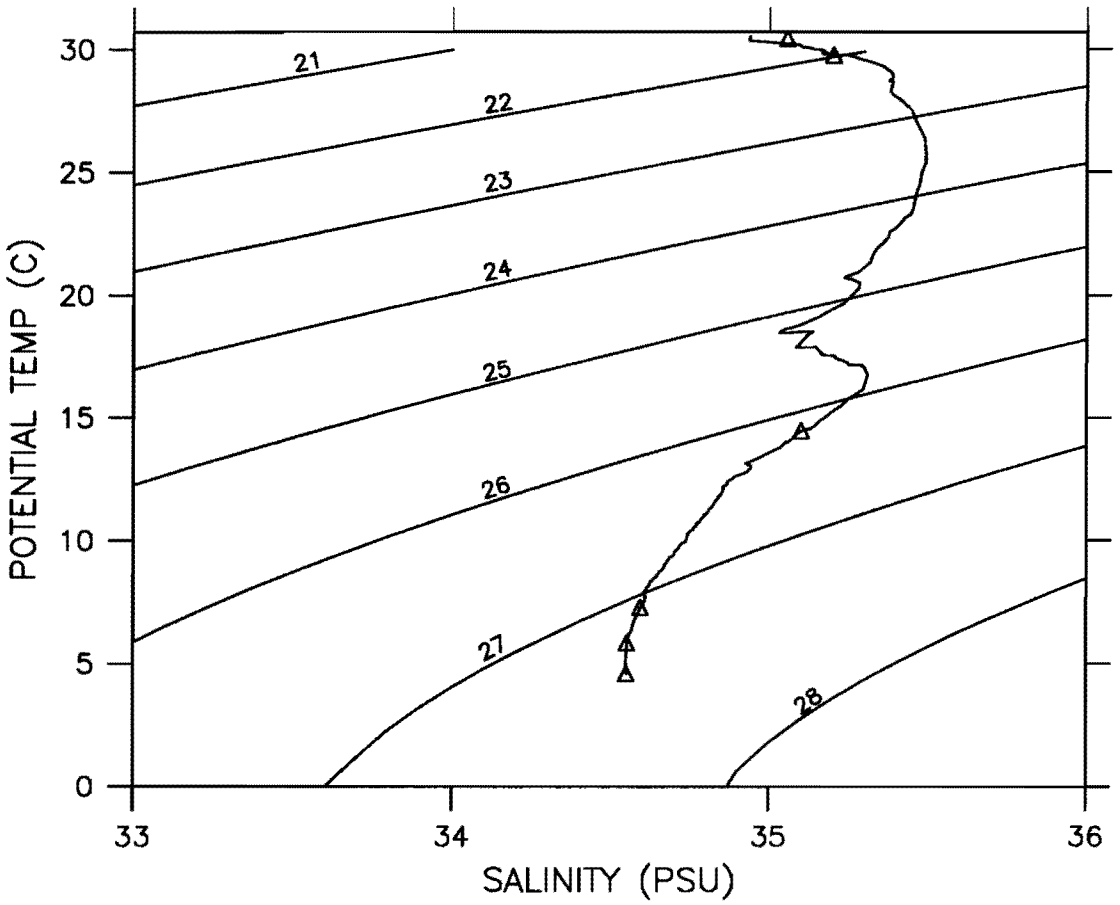


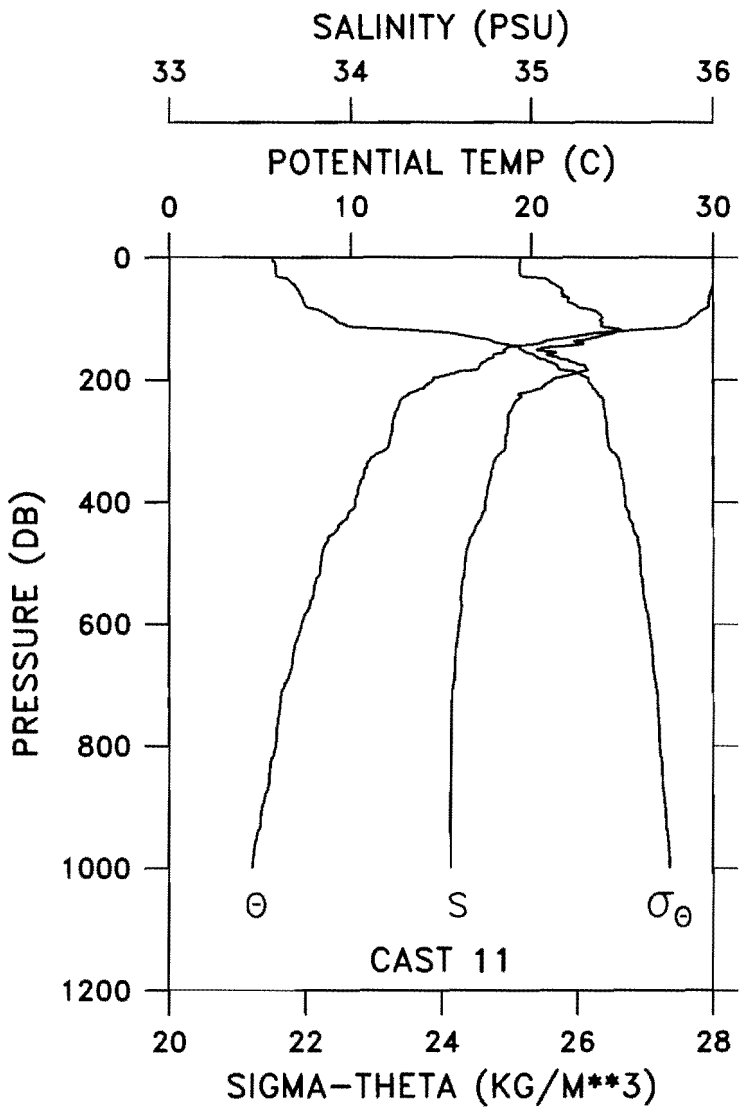
CAST TG3-94-DI -010 DATE 06 NOV 94 TIME 2021 GMT
LAT 00 05.1S LONG 170 02.2W WEATHER 8 SEA STATE 3
BAROMETER 11 WIND DIR 120 T SPD 12 KT VISIBILITY 7
CLOUD 9 AMOUNT 7 DRY 30.3 WET 25.5 DEPTH 5503 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.321	34.903	21.546	0.000
10	30.318	34.902	21.546	0.062
20	30.318	34.907	21.550	0.125
30	30.282	34.972	21.611	0.187
40	30.074	35.103	21.780	0.248
50	29.906	35.144	21.869	0.308
60	29.775	35.185	21.944	0.367
70	29.738	35.224	21.986	0.426
80	29.533	35.278	22.096	0.485
90	29.226	35.351	22.254	0.541
100	28.964	35.389	22.370	0.597
110	28.782	35.386	22.429	0.652
120	26.705	35.447	23.151	0.705
130	23.219	35.405	24.179	0.747
140	20.384	35.102	24.739	0.782
150	19.759	35.175	24.960	0.814
160	18.270	34.971	25.184	0.843
170	17.510	35.232	25.571	0.869
180	16.860	35.236	25.730	0.893
190	16.206	35.225	25.874	0.916
200	15.213	35.149	26.041	0.937
250	12.875	34.928	26.363	1.029
300	11.876	34.847	26.495	1.113
350	10.549	34.766	26.674	1.189
400	9.823	34.718	26.762	1.259
450	8.725	34.651	26.889	1.323
500	8.396	34.631	26.924	1.385
550	7.800	34.609	26.996	1.444
600	7.389	34.600	27.049	1.501
650	6.764	34.577	27.118	1.554
700	6.239	34.563	27.176	1.606
750	5.884	34.557	27.217	1.654
800	5.640	34.553	27.244	1.702
900	5.124	34.548	27.303	1.791
1000	4.646	34.554	27.362	1.876
1500	3.030	34.600	27.563	2.230
2000	2.157	34.639	27.670	2.512
2500	1.674	34.663	27.727	2.757
3000	1.487	34.671	27.747	2.990
3003	1.483	34.671	27.748	2.991

CAST TG3-94-DI -011 DATE 06 NOV 94 TIME 2335 GMT

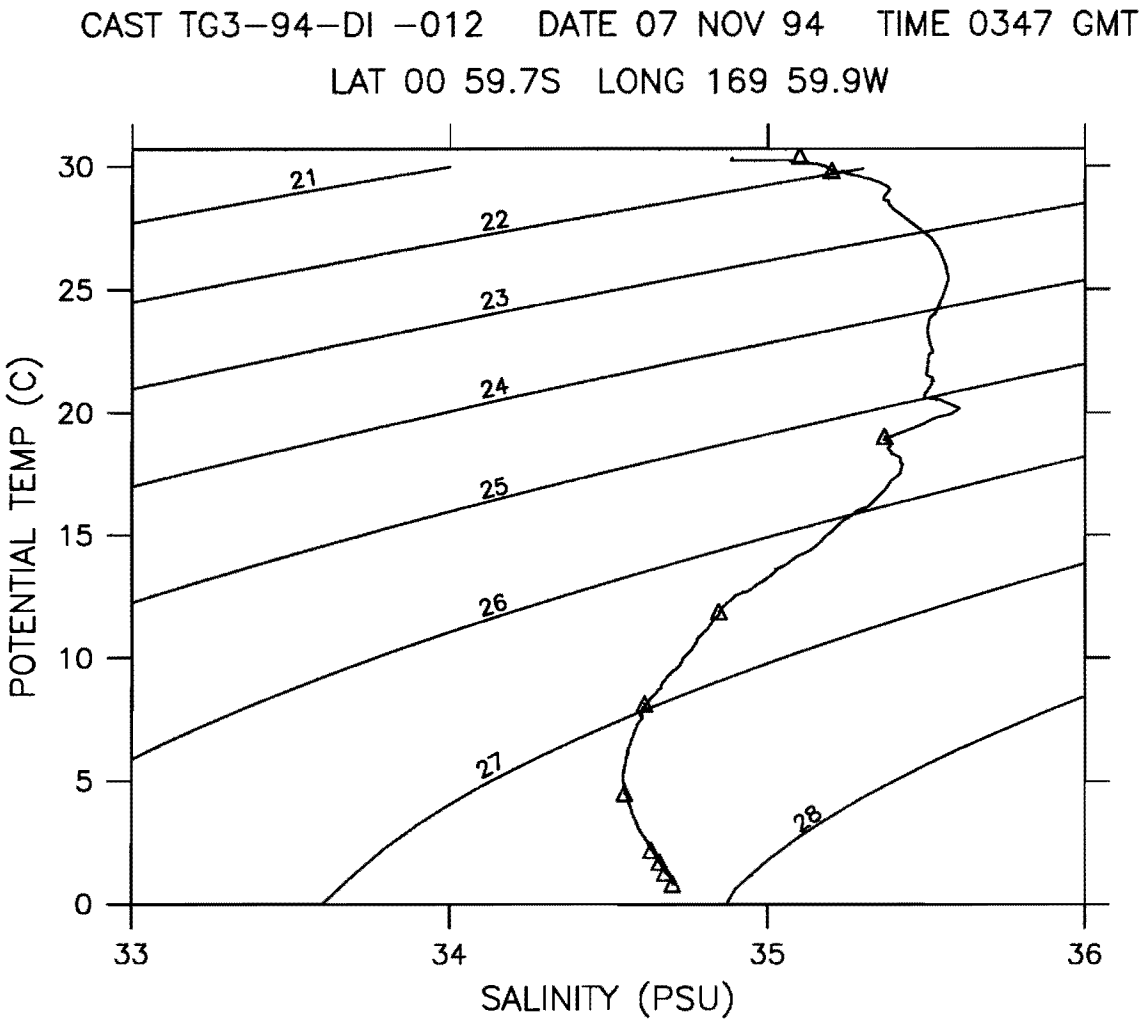
LAT 00 29.9S LONG 169 59.7W

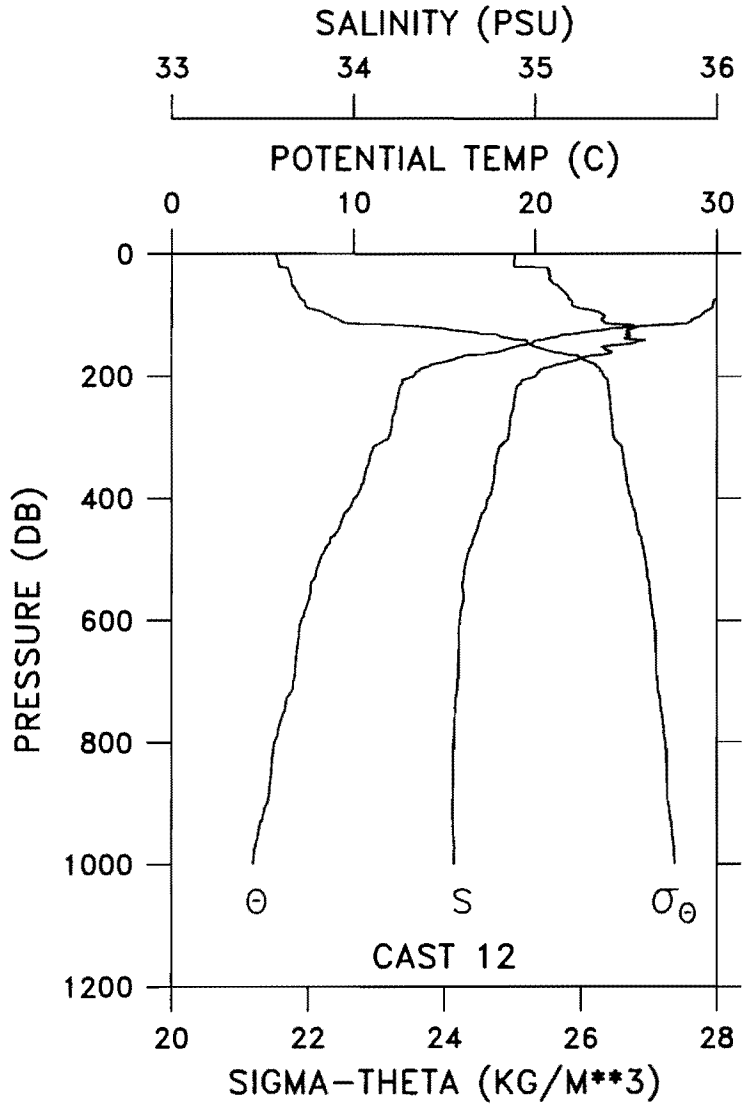




CAST TG3-94-DI -011 DATE 06 NOV 94 TIME 2335 GMT
LAT 00 29.9S LONG 169 59.7W WEATHER 1 SEA STATE 3
BAROMETER 10 WIND DIR 120 T SPD 07 KT VISIBILITY 9
CLOUD 8 AMOUNT 6 DRY 30.3 WET 26.2 DEPTH 5705 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.499	34.939	21.512	0.000
10	30.381	34.935	21.549	0.063
20	30.355	34.935	21.558	0.125
30	30.340	34.939	21.567	0.188
40	30.086	35.101	21.775	0.249
50	29.954	35.162	21.866	0.309
60	29.838	35.178	21.917	0.368
70	29.767	35.201	21.959	0.427
80	29.736	35.249	22.006	0.486
90	29.211	35.365	22.270	0.543
100	28.775	35.383	22.429	0.598
110	28.301	35.381	22.584	0.652
120	24.976	35.479	23.713	0.701
130	22.069	35.355	24.469	0.739
140	20.475	35.286	24.855	0.772
150	18.551	35.041	25.168	0.802
160	17.870	35.095	25.378	0.829
170	17.397	35.212	25.583	0.855
180	17.063	35.301	25.731	0.878
190	15.520	35.229	26.034	0.900
200	14.508	35.112	26.166	0.920
250	12.515	34.885	26.401	1.008
300	12.137	34.857	26.453	1.091
350	10.746	34.777	26.648	1.169
400	10.242	34.743	26.710	1.241
450	9.130	34.678	26.846	1.309
500	8.341	34.629	26.931	1.370
550	7.930	34.608	26.977	1.430
600	7.279	34.597	27.062	1.486
650	6.803	34.577	27.113	1.540
700	6.314	34.563	27.167	1.591
750	6.015	34.554	27.199	1.640
800	5.839	34.552	27.220	1.688
900	5.104	34.548	27.305	1.779
1000	4.580	34.553	27.368	1.863
1001	4.579	34.552	27.368	1.864


CAST TG3-94-DI -012 DATE 07 NOV 94 TIME 0347 GMT
LAT 00 59.7S LONG 169 59.9W
POTENTIAL TEMP (C)
SALINITY (PSU)
21
22
23
24
25
26
27
28
30
25
20
15
10
5
0
33
34
35
36

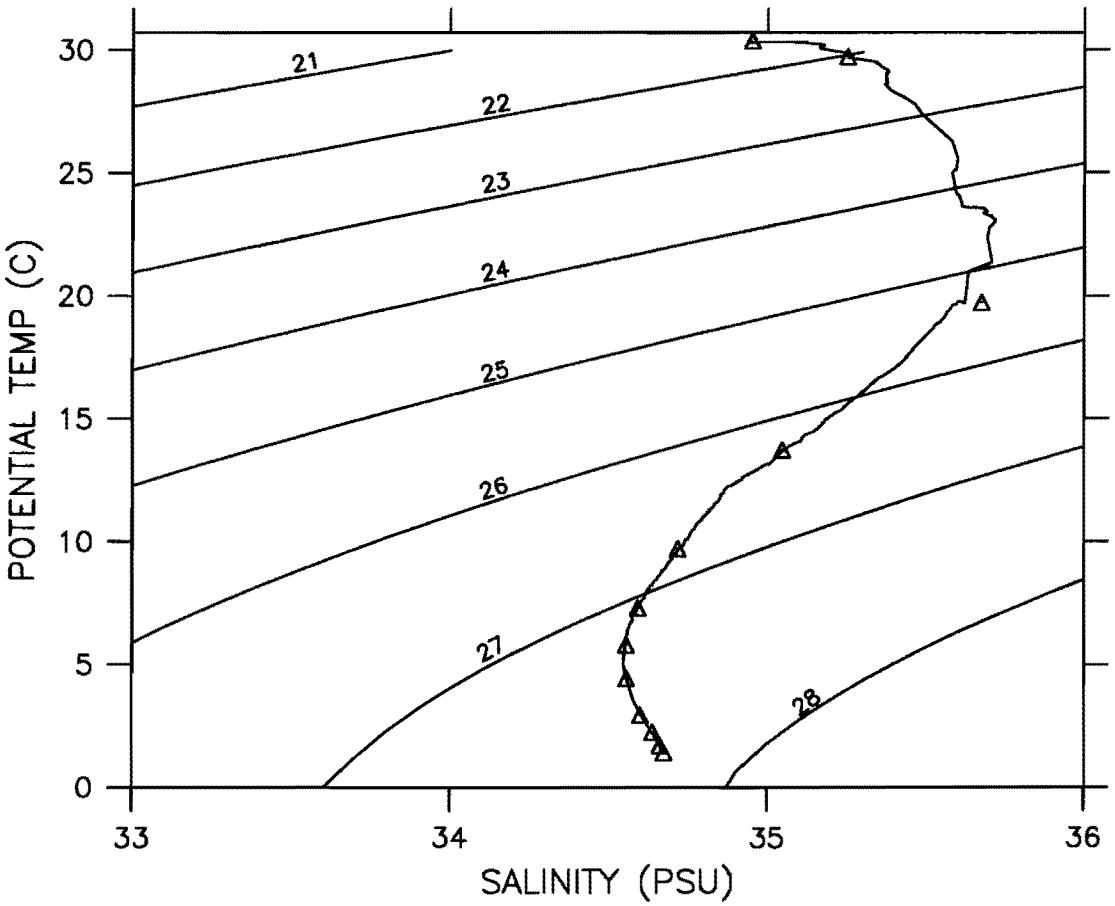


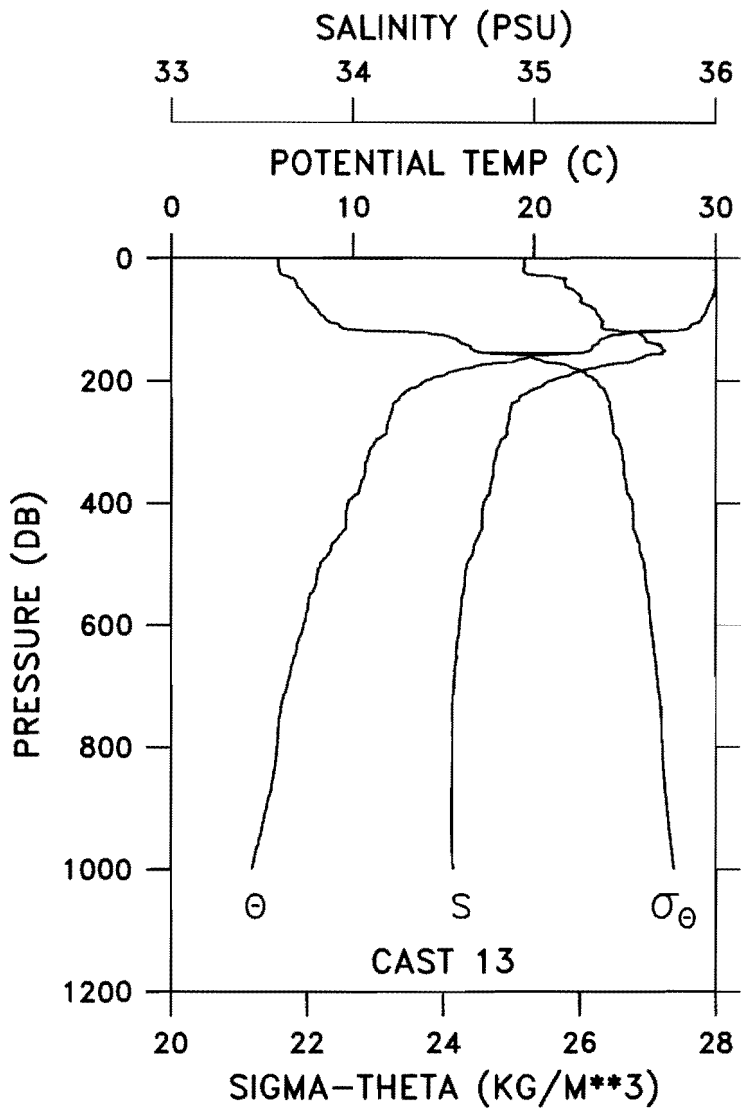
CAST TG3-94-DI -012 DATE 07 NOV 94 TIME 0347 GMT
LAT 00 59.7S LONG 169 59.9W WEATHER 1 SEA STATE 3
BAROMETER 08 WIND DIR 125 T SPD 06 KT VISIBILITY 7
CLOUD 8 AMOUNT 6 DRY 29.8 WET 24.8 DEPTH 5346 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.331	34.889	21.532	0.000
10	30.266	34.884	21.551	0.063
20	30.227	34.884	21.564	0.125
30	30.205	35.079	21.718	0.186
40	30.119	35.076	21.745	0.247
50	30.163	35.107	21.753	0.308
60	30.086	35.152	21.813	0.368
70	29.991	35.179	21.866	0.428
80	29.791	35.204	21.953	0.488
90	29.642	35.261	22.046	0.546
100	29.139	35.377	22.303	0.603
110	28.607	35.372	22.477	0.658
120	25.057	35.560	23.749	0.708
130	22.342	35.506	24.507	0.746
140	20.497	35.541	25.044	0.777
150	19.177	35.418	25.296	0.805
160	18.017	35.415	25.587	0.831
170	15.694	35.254	26.013	0.853
180	14.408	35.136	26.206	0.873
190	13.593	35.025	26.292	0.891
200	13.283	35.000	26.337	0.909
250	12.329	34.882	26.435	0.992
300	11.921	34.850	26.489	1.074
350	10.729	34.777	26.651	1.149
400	10.061	34.741	26.740	1.221
450	9.207	34.684	26.837	1.288
500	8.190	34.623	26.950	1.350
550	7.657	34.603	27.013	1.408
600	7.110	34.585	27.077	1.463
650	6.870	34.580	27.106	1.517
700	6.673	34.574	27.128	1.569
750	6.172	34.563	27.186	1.620
800	5.642	34.553	27.244	1.667
900	5.244	34.546	27.287	1.758
1000	4.464	34.555	27.383	1.841
1500	2.963	34.601	27.570	2.193
2000	2.152	34.641	27.672	2.475
2500	1.705	34.662	27.724	2.724
3000	1.446	34.673	27.752	2.958
3500	1.280	34.682	27.771	3.183
4000	1.088	34.695	27.795	3.401
4500	0.877	34.705	27.816	3.610
5000	0.825	34.707	27.821	3.815
5052	0.823	34.707	27.821	3.837

CAST TG3-94-DI -013 DATE 07 NOV 94 TIME 0843 GMT

LAT 01 30.2S LONG 169 59.6W



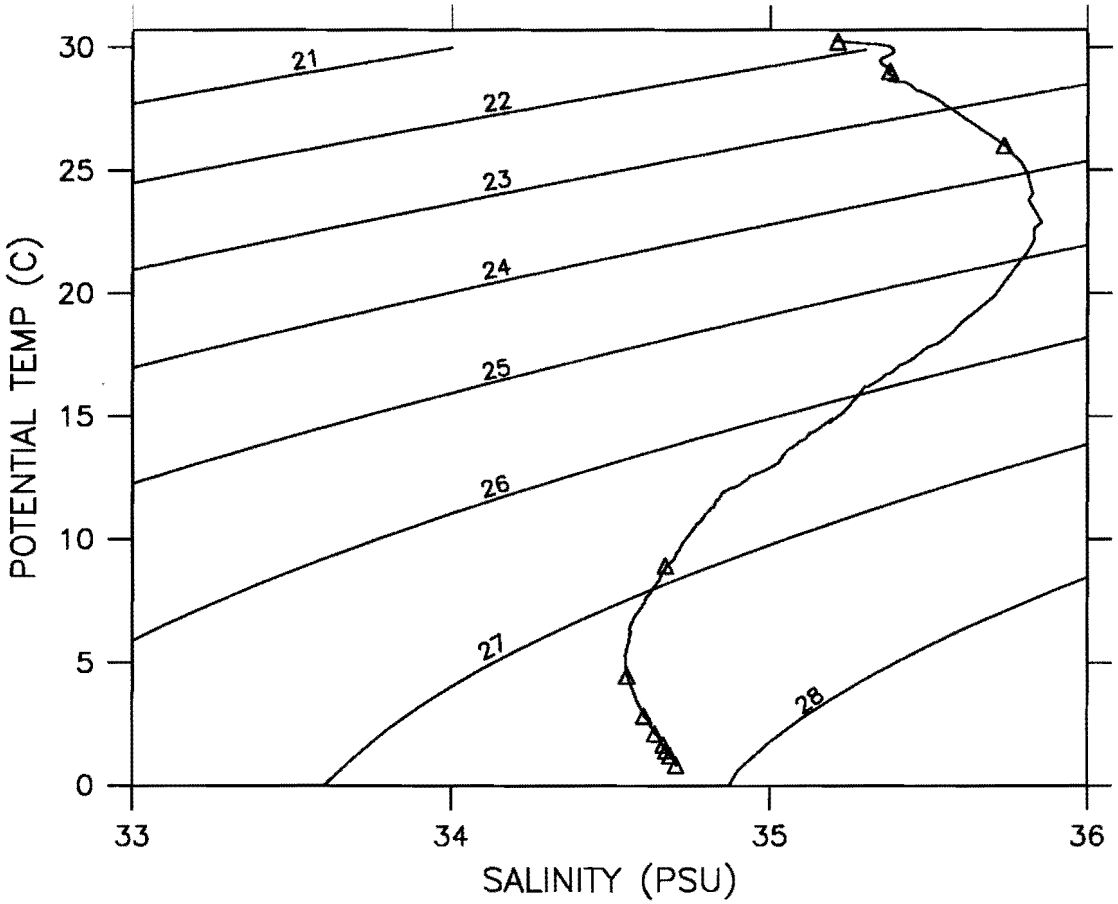


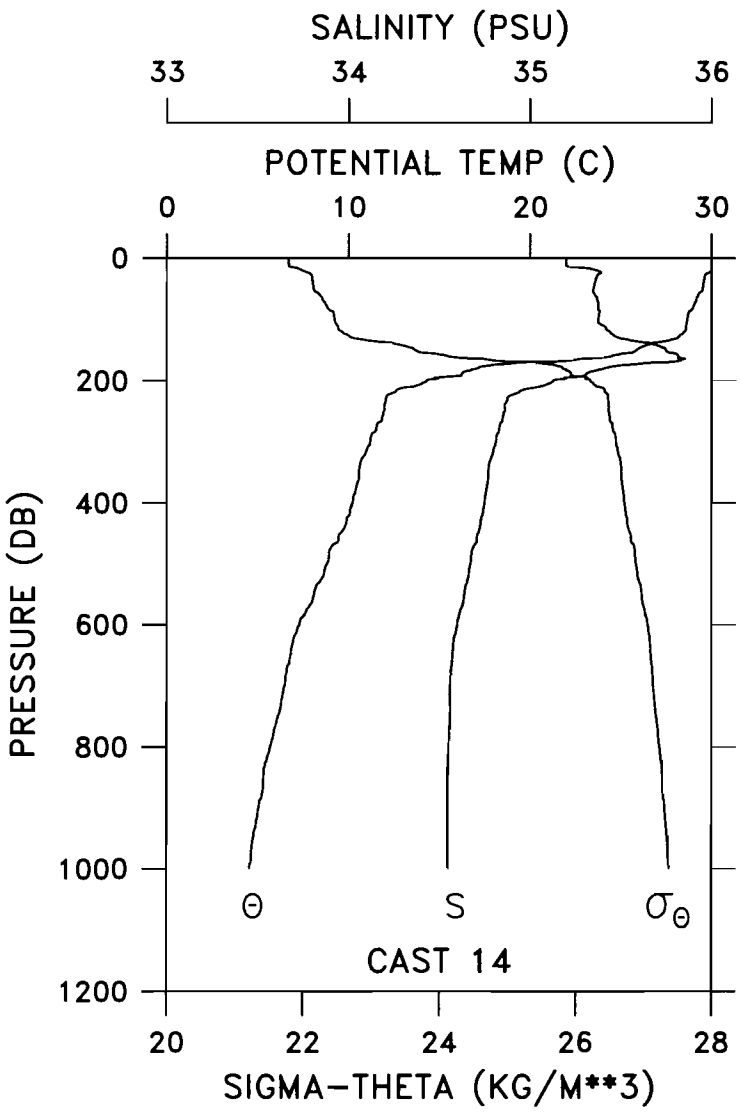
CAST TG3-94-DI -013 DATE 07 NOV 94 TIME 0843 GMT
LAT 01 30.2S LONG 169 59.6W WEATHER 1 SEA STATE 3
BAROMETER 11 WIND DIR 105 T SPD 03 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 29.5 WET 24.0 DEPTH 5233 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.361	34.947	21.565	0.000
10	30.356	34.945	21.566	0.062
20	30.294	34.942	21.584	0.125
30	30.288	35.104	21.708	0.187
40	30.060	35.169	21.835	0.247
50	29.958	35.204	21.896	0.307
60	29.842	35.249	21.969	0.366
70	29.719	35.255	22.015	0.424
80	29.550	35.320	22.122	0.482
90	29.426	35.347	22.184	0.539
100	29.216	35.370	22.272	0.595
110	28.599	35.372	22.479	0.650
120	26.267	35.583	23.392	0.703
130	23.933	35.609	24.124	0.743
140	23.536	35.683	24.297	0.781
150	23.121	35.714	24.442	0.817
160	19.788	35.607	25.282	0.849
170	18.662	35.524	25.509	0.875
180	16.204	35.312	25.942	0.898
190	15.122	35.200	26.100	0.918
200	14.011	35.087	26.253	0.937
250	12.149	34.868	26.459	1.021
300	11.243	34.816	26.588	1.101
350	10.684	34.775	26.658	1.175
400	9.753	34.723	26.778	1.246
450	9.382	34.700	26.821	1.313
500	8.223	34.632	26.951	1.375
550	7.663	34.607	27.016	1.434
600	7.291	34.589	27.054	1.490
650	6.824	34.573	27.107	1.544
700	6.389	34.560	27.155	1.595
750	5.971	34.551	27.202	1.644
800	5.828	34.554	27.222	1.692
900	5.233	34.545	27.287	1.785
1000	4.435	34.557	27.388	1.869
1500	2.921	34.603	27.575	2.228
2000	2.227	34.637	27.663	2.514
2500	1.702	34.662	27.724	2.763
3000	1.425	34.674	27.754	2.994
3005	1.424	34.674	27.754	2.997

CAST TG3-94-DI -014 DATE 08 NOV 94 TIME 0648 GMT

LAT 02 10.1S LONG 170 04.0W



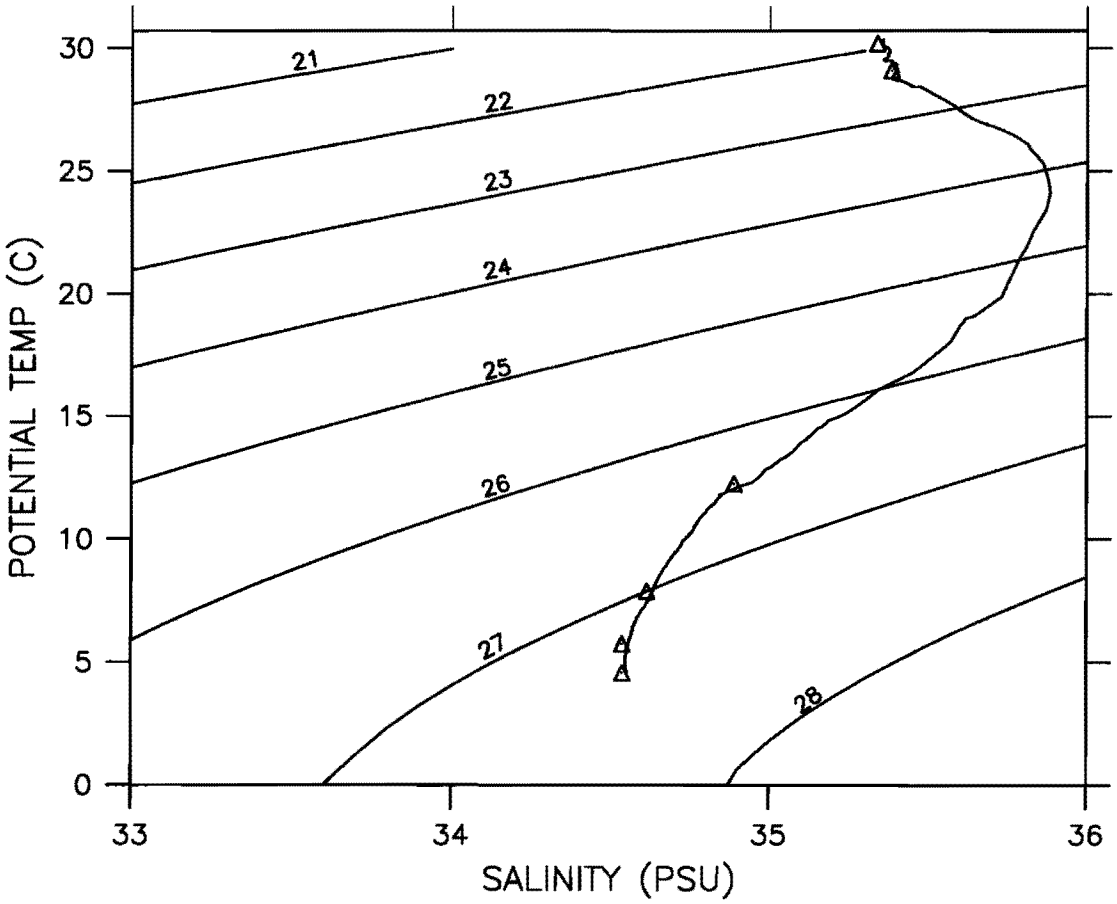


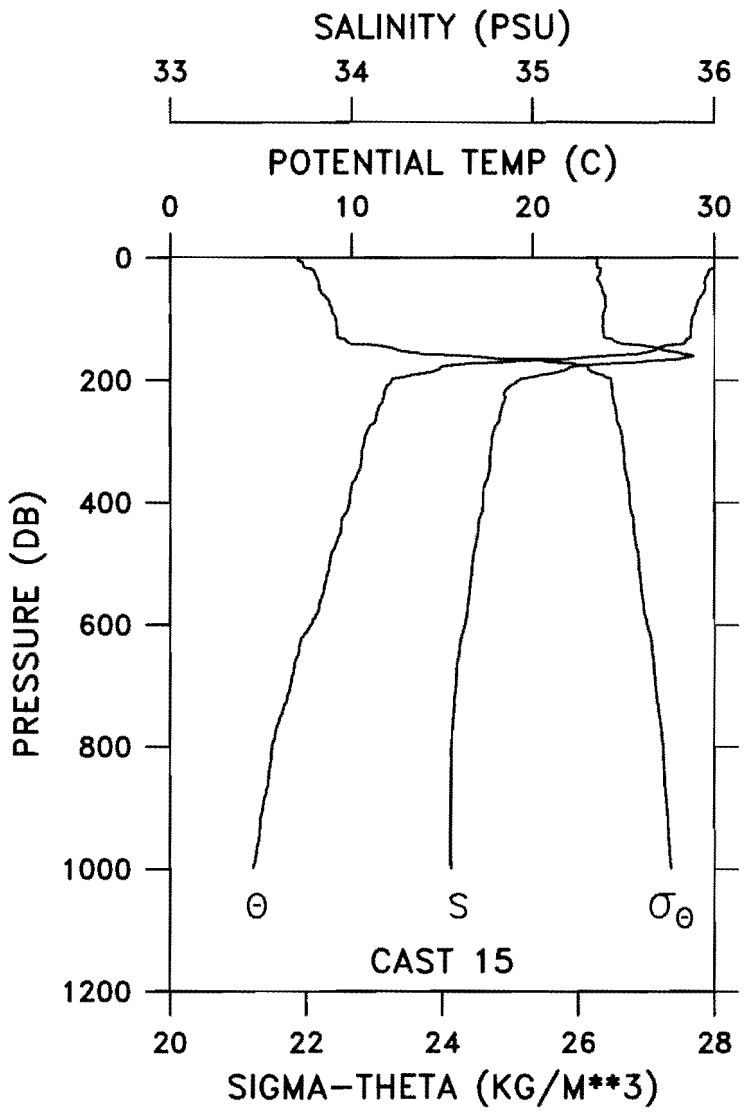
CAST TG3-94-DI -014 DATE 08 NOV 94 TIME 0648 GMT
LAT 02 10.1S LONG 170 04.0W WEATHER 1 SEA STATE 3
BAROMETER 08 WIND DIR 070 T SPD 05 KT VISIBILITY 7
CLOUD X AMOUNT 3 DRY 29.0 WET 25.8 DEPTH 5045 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.247	35.199	21.793	0.000
10	30.250	35.199	21.792	0.060
20	30.038	35.371	21.994	0.120
30	29.630	35.368	22.131	0.177
40	29.562	35.356	22.145	0.234
50	29.516	35.350	22.155	0.291
60	29.266	35.357	22.245	0.347
70	29.135	35.373	22.301	0.403
80	28.988	35.377	22.354	0.459
90	28.713	35.381	22.448	0.513
100	28.658	35.376	22.463	0.567
110	28.596	35.403	22.503	0.622
120	28.493	35.439	22.565	0.675
130	28.126	35.488	22.722	0.728
140	26.622	35.668	23.343	0.777
150	25.870	35.748	23.641	0.821
160	24.475	35.817	24.120	0.862
170	19.894	35.708	25.331	0.896
180	17.087	35.409	25.808	0.920
190	16.200	35.305	25.937	0.941
200	14.316	35.124	26.216	0.961
250	11.946	34.859	26.490	1.044
300	11.189	34.810	26.594	1.121
350	10.592	34.768	26.669	1.195
400	10.215	34.747	26.718	1.266
450	9.556	34.713	26.803	1.335
500	8.823	34.670	26.889	1.400
550	8.114	34.637	26.972	1.461
600	7.319	34.599	27.058	1.518
650	6.827	34.573	27.106	1.571
700	6.502	34.560	27.140	1.623
750	6.121	34.561	27.190	1.673
800	5.704	34.553	27.237	1.721
900	5.062	34.545	27.307	1.811
1000	4.534	34.551	27.372	1.894
1500	2.861	34.605	27.583	2.240
2000	2.130	34.640	27.673	2.520
2500	1.698	34.662	27.724	2.767
3000	1.429	34.674	27.753	2.999
3500	1.219	34.686	27.778	3.222
4000	1.085	34.695	27.794	3.437
4500	0.910	34.703	27.813	3.648
4853	0.835	34.706	27.820	3.793

CAST TG3-94-DI -015 DATE 09 NOV 94 TIME 0052 GMT

LAT 02 30.1S LONG 170 00.0W



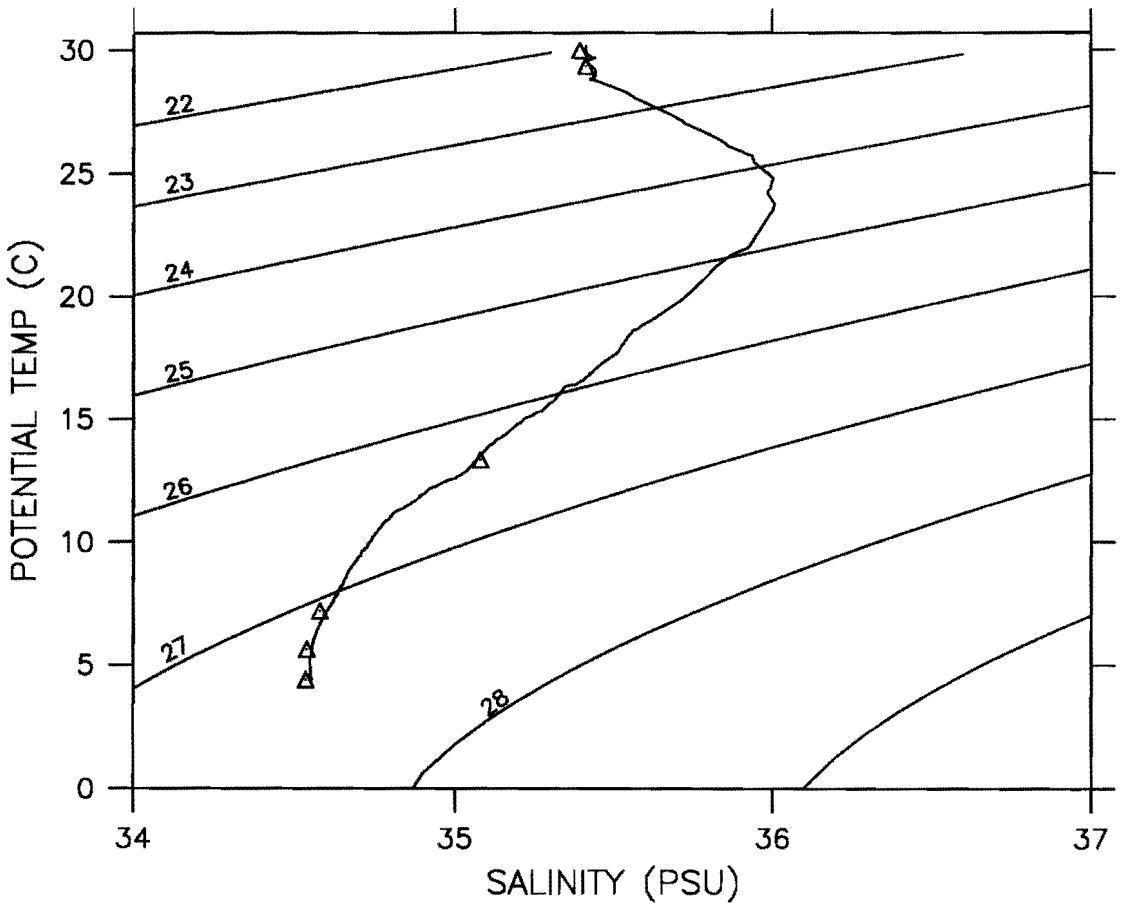


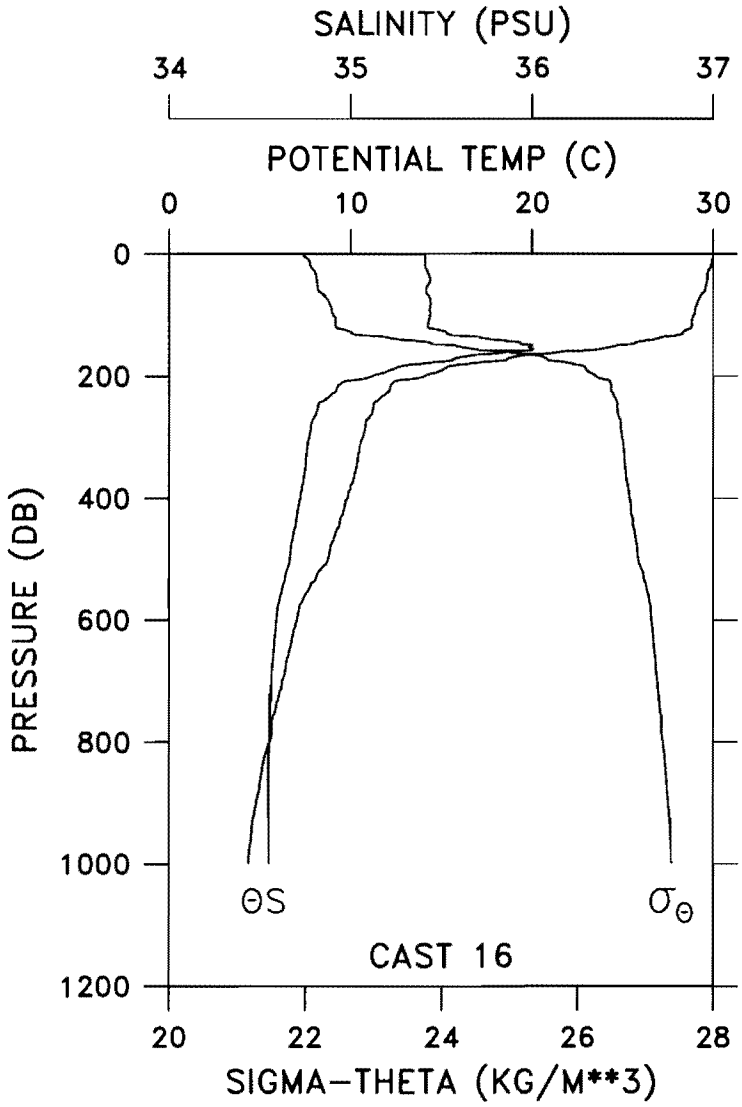
CAST TG3-94-DI -015 DATE 09 NOV 94 TIME 0052 GMT
LAT 02 30.1S LONG 170 00.0W WEATHER 1 SEA STATE 2
BAROMETER 08 WIND DIR 000 T SPD 00 KT VISIBILITY 8
CLOUD 9 AMOUNT 6 DRY 32.0 WET 26.4 DEPTH 5546 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.360	35.357	21.873	0.000
10	30.116	35.354	21.955	0.059
20	29.729	35.373	22.101	0.117
30	29.567	35.365	22.150	0.174
40	29.477	35.370	22.183	0.231
50	29.485	35.384	22.192	0.288
60	29.354	35.397	22.246	0.344
70	29.107	35.402	22.332	0.400
80	29.000	35.404	22.370	0.455
90	28.905	35.390	22.391	0.510
100	28.767	35.391	22.438	0.564
110	28.734	35.388	22.446	0.619
120	28.706	35.391	22.458	0.673
130	28.682	35.398	22.471	0.727
140	28.330	35.487	22.654	0.780
150	26.778	35.711	23.327	0.829
160	24.132	35.885	24.274	0.872
170	18.688	35.603	25.563	0.902
180	14.880	35.197	26.151	0.923
190	13.583	35.077	26.334	0.941
200	12.211	34.923	26.489	0.958
250	11.443	34.826	26.559	1.036
300	10.727	34.775	26.650	1.111
350	10.365	34.760	26.702	1.182
400	9.891	34.726	26.757	1.252
450	9.389	34.698	26.819	1.318
500	8.795	34.667	26.890	1.382
550	8.426	34.651	26.935	1.444
600	7.786	34.628	27.014	1.504
650	7.051	34.593	27.092	1.558
700	6.623	34.577	27.137	1.611
750	6.094	34.563	27.195	1.661
800	5.614	34.551	27.246	1.708
900	5.097	34.545	27.304	1.799
1000	4.569	34.550	27.367	1.883
1004	4.576	34.548	27.365	1.886

CAST TG3-94-DI -016 DATE 09 NOV 94 TIME 0349 GMT

LAT 03 00.0S LONG 170 00.0W



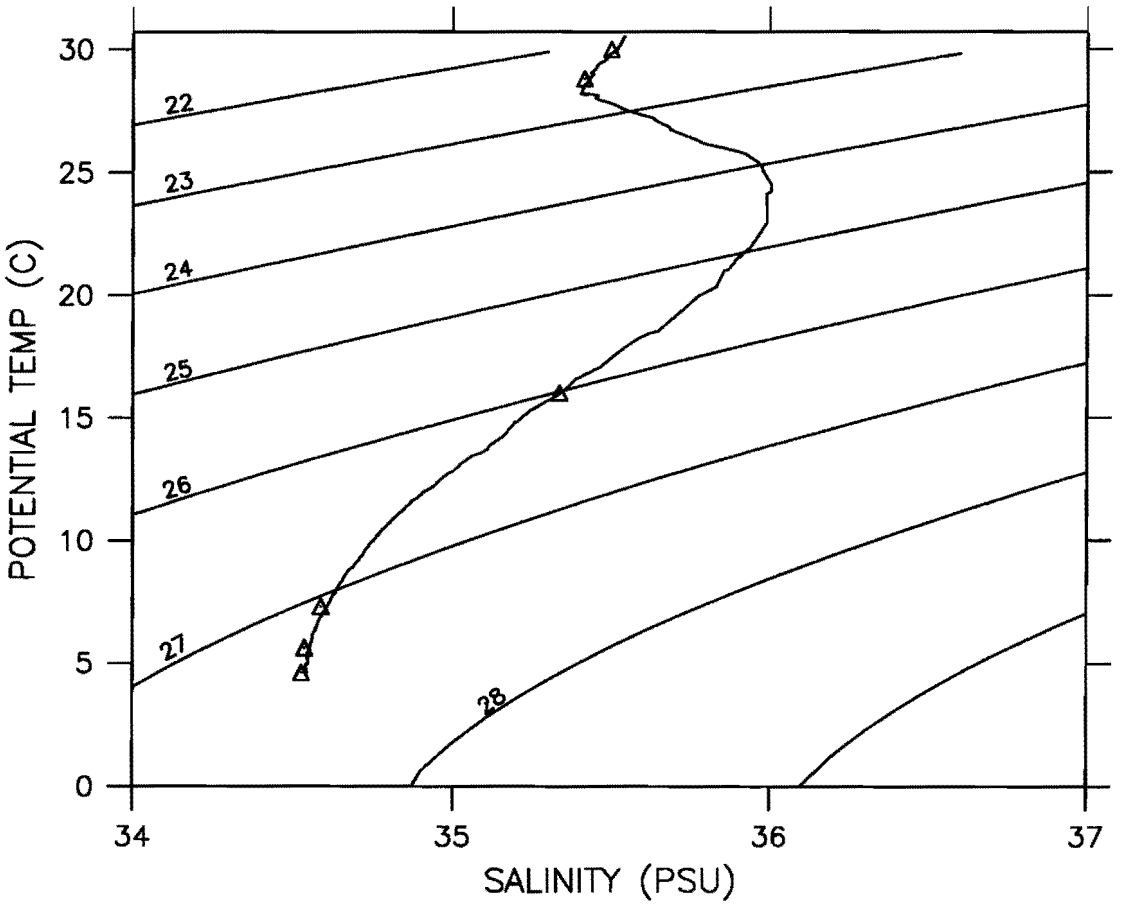


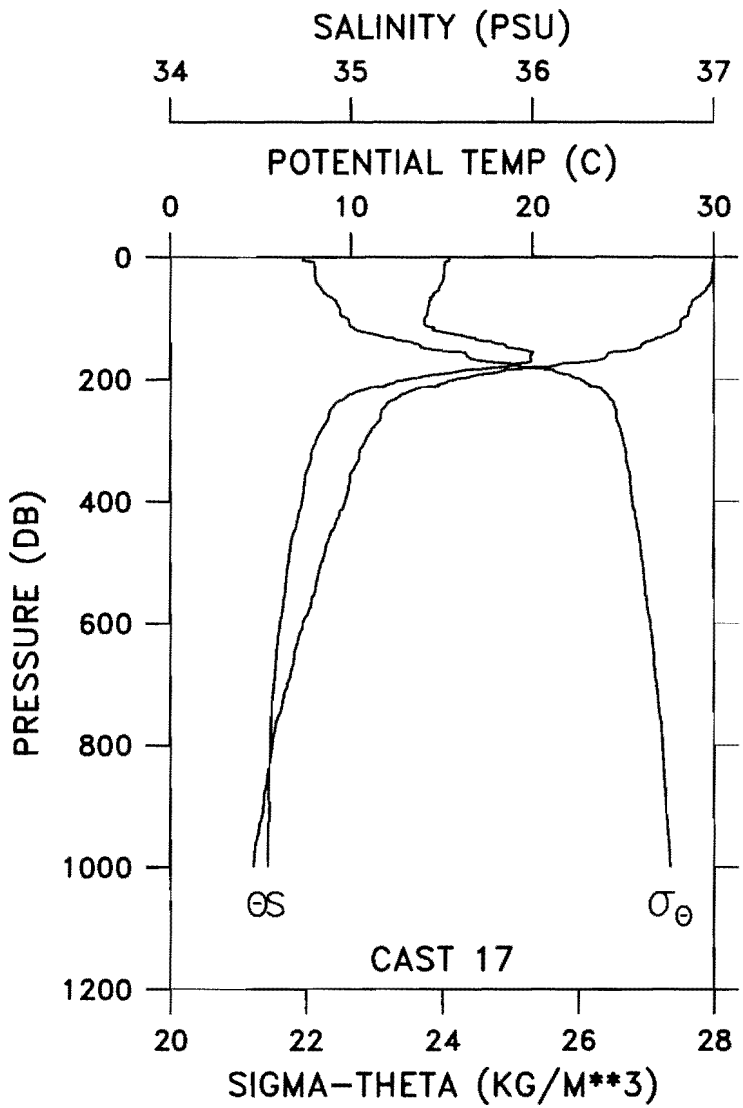
CAST TG3-94-DI -016 DATE 09 NOV 94 TIME 0349 GMT
LAT 03 00.0S LONG 170 00.0W WEATHER 8 SEA STATE 0
BAROMETER 08 WIND DIR 000 T SPD 00 KT VISIBILITY 6
CLOUD 8 AMOUNT 7 DRY 29.8 WET 26.0 DEPTH 5088 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.143	35.412	21.989	0.000
10	29.947	35.412	22.055	0.058
20	29.887	35.412	22.076	0.116
30	29.719	35.427	22.144	0.173
40	29.677	35.439	22.168	0.230
50	29.629	35.429	22.177	0.286
60	29.552	35.416	22.193	0.343
70	29.273	35.435	22.301	0.399
80	29.132	35.442	22.354	0.454
90	29.019	35.437	22.388	0.509
100	28.957	35.439	22.411	0.564
110	28.829	35.429	22.446	0.619
120	28.804	35.425	22.451	0.673
130	28.333	35.529	22.685	0.726
140	26.745	35.771	23.382	0.775
150	24.668	35.998	24.199	0.817
160	21.661	35.866	24.972	0.852
170	18.811	35.588	25.520	0.879
180	16.413	35.379	25.945	0.903
190	15.037	35.218	26.133	0.922
200	14.071	35.123	26.268	0.941
250	11.284	34.821	26.585	1.020
300	10.692	34.773	26.655	1.094
350	10.337	34.751	26.700	1.165
400	9.855	34.725	26.762	1.235
450	9.270	34.692	26.834	1.301
500	8.757	34.666	26.895	1.365
550	7.698	34.623	27.022	1.424
600	7.066	34.593	27.089	1.478
650	6.629	34.577	27.136	1.531
700	6.235	34.565	27.179	1.581
750	5.839	34.555	27.222	1.629
800	5.511	34.553	27.260	1.675
900	4.814	34.548	27.338	1.762
1000	4.393	34.552	27.388	1.843
1000	4.393	34.552	27.388	1.843

CAST TG3-94-DI -017 DATE 09 NOV 94 TIME 0833 GMT

LAT 04 00.2S LONG 170 00.0W



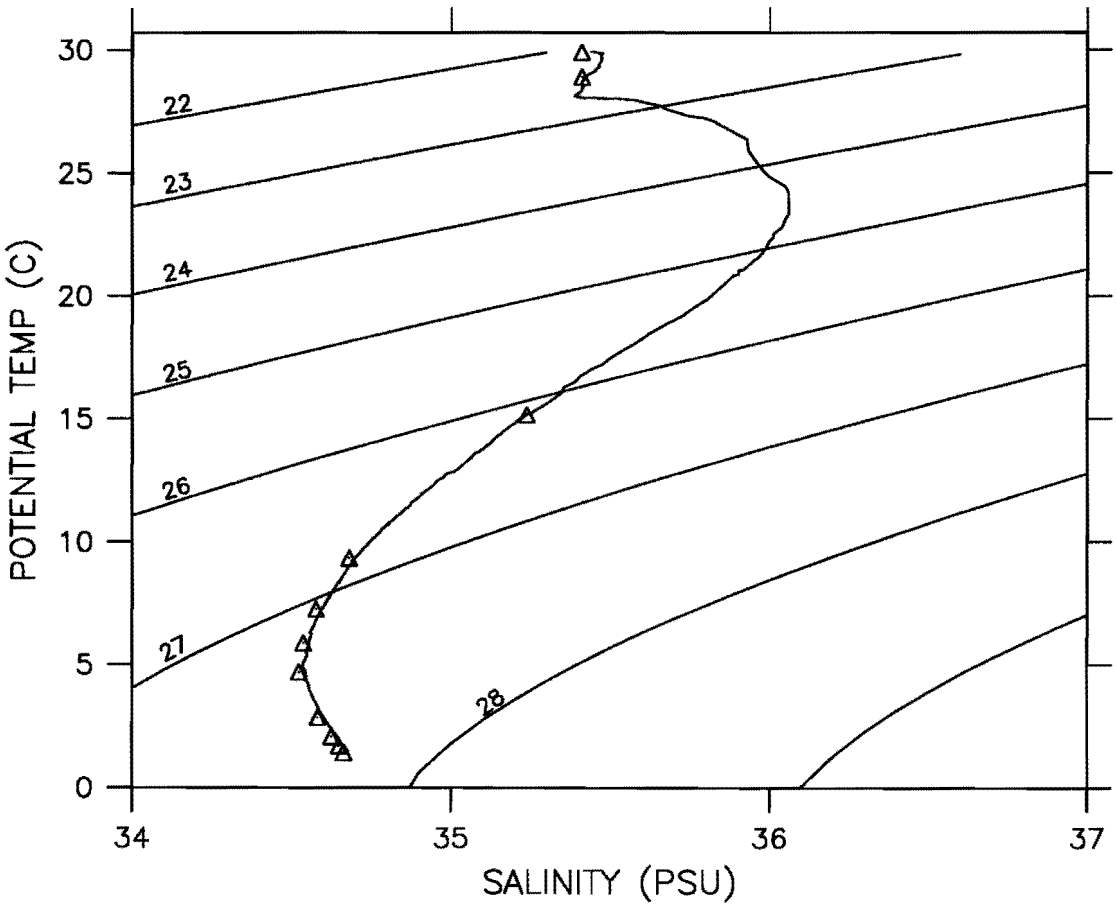


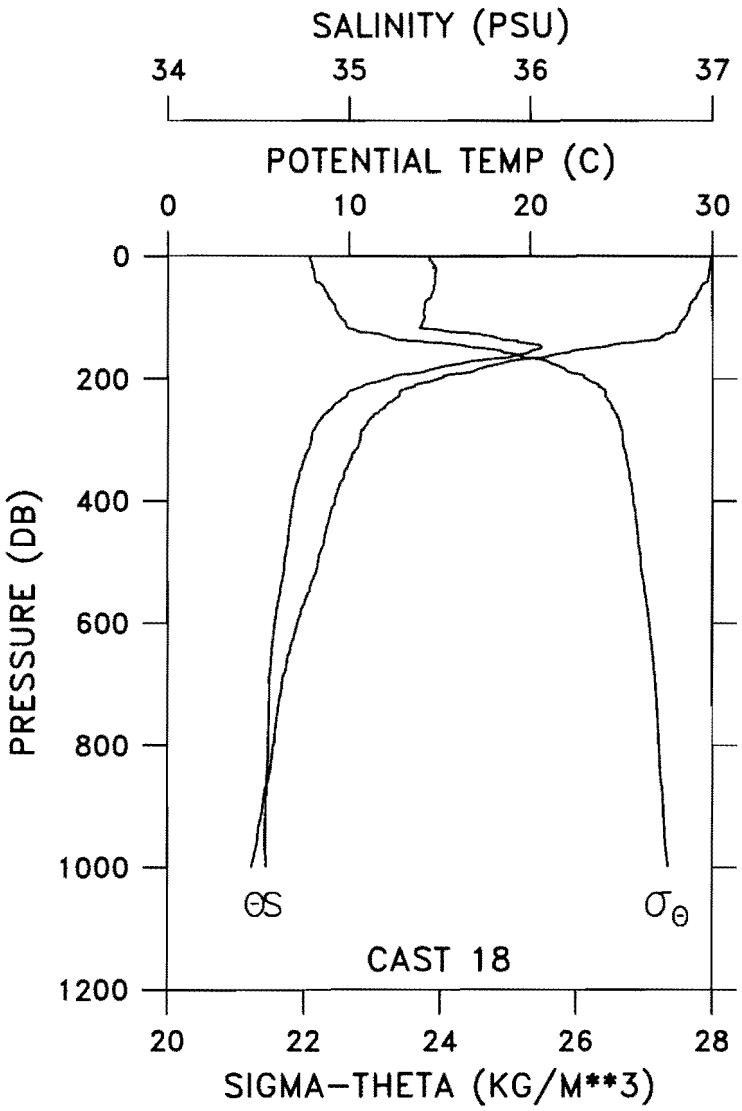
CAST TG3-94-DI -017 DATE 09 NOV 94 TIME 0833 GMT
LAT 04 00.2S LONG 170 00.0W WEATHER 1 SEA STATE 1
BAROMETER 11 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 28.5 WET 25.0 DEPTH 5705 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.517	35.541	21.956	0.000
10	29.975	35.517	22.125	0.058
20	29.936	35.513	22.135	0.115
30	29.914	35.511	22.141	0.172
40	29.864	35.504	22.153	0.229
50	29.625	35.485	22.220	0.285
60	29.316	35.452	22.299	0.341
70	28.886	35.436	22.432	0.396
80	28.718	35.428	22.482	0.450
90	28.614	35.421	22.511	0.504
100	28.288	35.406	22.608	0.558
110	28.167	35.405	22.647	0.610
120	27.928	35.461	22.767	0.662
130	27.183	35.632	23.138	0.712
140	26.181	35.786	23.572	0.757
150	25.708	35.925	23.825	0.800
160	24.108	35.991	24.361	0.838
170	23.279	35.992	24.607	0.874
180	20.332	35.831	25.309	0.904
190	17.708	35.527	25.748	0.929
200	15.708	35.303	26.048	0.950
250	11.707	34.885	26.556	1.035
300	10.798	34.806	26.661	1.110
350	10.072	34.753	26.747	1.181
400	9.682	34.728	26.794	1.248
450	8.911	34.683	26.884	1.313
500	8.344	34.653	26.949	1.374
550	7.979	34.634	26.990	1.433
600	7.319	34.605	27.063	1.489
650	6.867	34.586	27.111	1.543
700	6.458	34.572	27.155	1.594
750	6.031	34.561	27.202	1.644
800	5.639	34.553	27.245	1.691
900	5.151	34.548	27.300	1.781
1000	4.611	34.545	27.358	1.866
1002	4.611	34.545	27.359	1.867

CAST TG3-94-DI -018 DATE 09 NOV 94 TIME 1342 GMT

LAT 04 57.1S LONG 169 59.9W



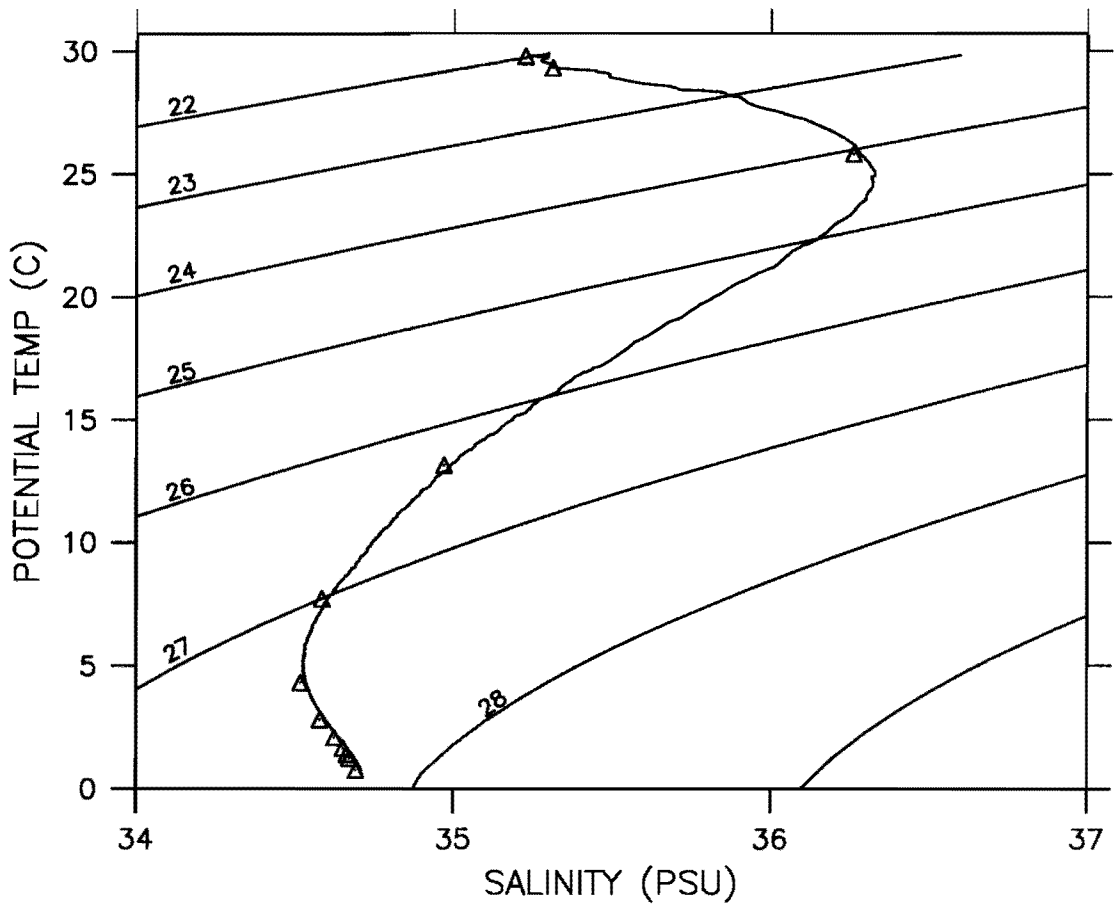


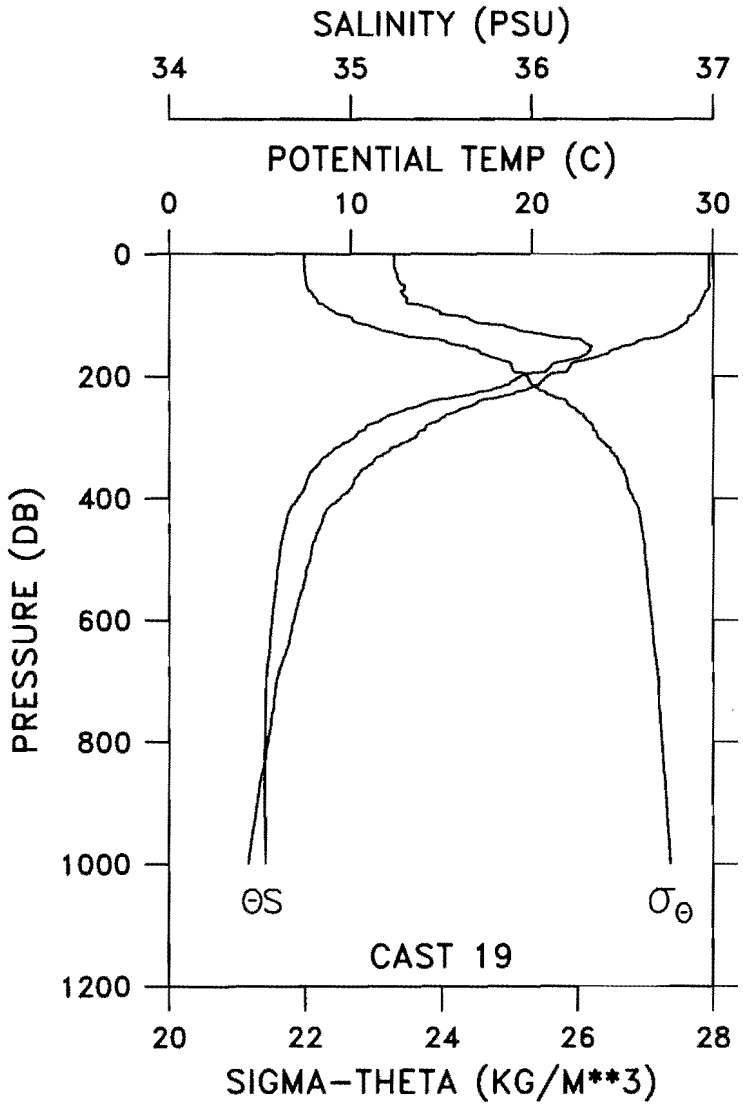
CAST TG3-94-DI -018 DATE 09 NOV 94 TIME 1342 GMT
LAT 04 57.1S LONG 169 59.9W WEATHER 1 SEA STATE 2
BAROMETER 09 WIND DIR 145 T SPD 08 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 28.0 WET 25.2 DEPTH 5351 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.921	35.442	22.087	0.000
10	29.899	35.455	22.104	0.057
20	29.853	35.479	22.138	0.114
30	29.800	35.474	22.153	0.171
40	29.755	35.473	22.167	0.228
50	29.372	35.466	22.291	0.284
60	29.189	35.456	22.346	0.339
70	29.014	35.435	22.388	0.394
80	28.754	35.417	22.462	0.449
90	28.694	35.412	22.478	0.503
100	28.486	35.417	22.551	0.557
110	28.238	35.401	22.620	0.610
120	28.030	35.493	22.758	0.662
130	27.274	35.771	23.212	0.711
140	25.885	35.933	23.775	0.757
150	23.397	36.060	24.624	0.794
160	21.427	35.947	25.099	0.825
170	19.165	35.723	25.533	0.853
180	17.584	35.515	25.770	0.877
190	16.499	35.391	25.934	0.899
200	14.963	35.213	26.145	0.919
250	11.787	34.897	26.550	1.002
300	10.616	34.791	26.682	1.075
350	9.766	34.728	26.780	1.144
400	9.224	34.690	26.840	1.210
450	8.715	34.665	26.902	1.273
500	8.278	34.642	26.951	1.333
550	7.759	34.618	27.010	1.392
600	7.130	34.589	27.077	1.447
650	6.686	34.573	27.125	1.500
700	6.268	34.559	27.170	1.550
750	6.024	34.557	27.200	1.599
800	5.820	34.555	27.224	1.647
900	5.236	34.543	27.285	1.739
1000	4.625	34.543	27.355	1.826
1500	2.857	34.600	27.579	2.175
2000	2.074	34.643	27.680	2.450
2500	1.705	34.662	27.724	2.697
3000	1.428	34.678	27.757	2.930
3003	1.427	34.678	27.757	2.931

CAST TG3-94-DI -019 DATE 10 NOV 94 TIME 1317 GMT

LAT 07 56.8S LONG 170 01.8W



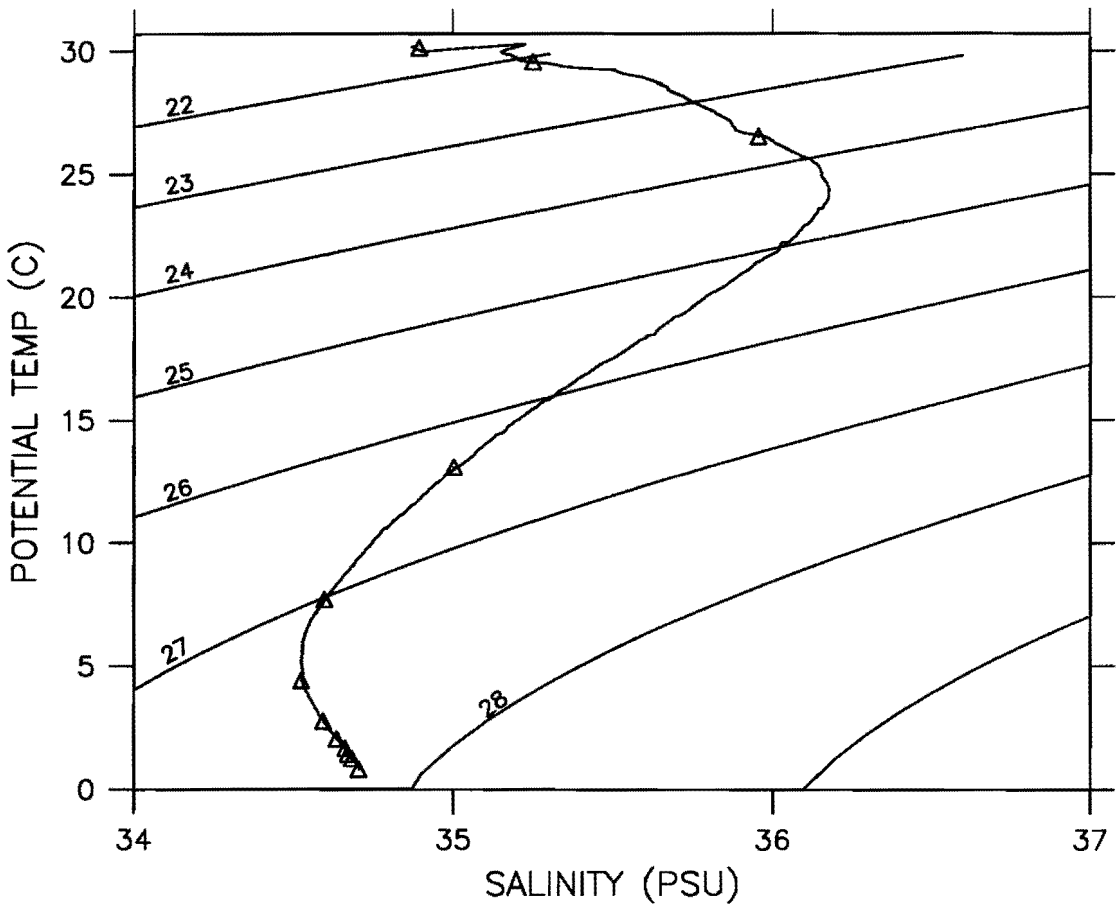


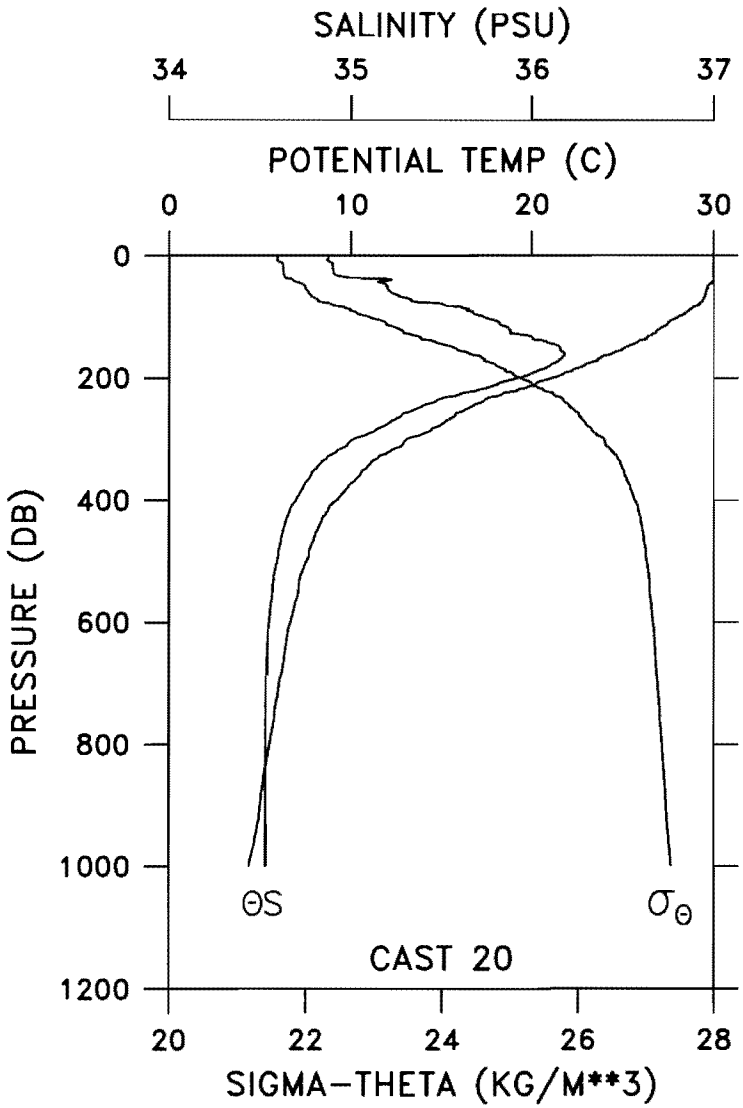
CAST TG3-94-DI -019 DATE 10 NOV 94 TIME 1317 GMT
LAT 07 56.8S LONG 170 01.8W WEATHER 5 SEA STATE 2
BAROMETER 07 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD X AMOUNT 7 DRY 25.2 WET 23.7 DEPTH 5334 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.782	35.239	21.982	0.000
10	29.787	35.238	21.979	0.058
20	29.784	35.239	21.981	0.117
30	29.785	35.250	21.989	0.175
40	29.770	35.259	22.001	0.233
50	29.788	35.283	22.013	0.292
60	29.647	35.279	22.058	0.350
70	29.472	35.302	22.135	0.407
80	29.326	35.305	22.186	0.464
90	29.156	35.450	22.352	0.520
100	28.778	35.550	22.554	0.574
110	28.579	35.675	22.714	0.627
120	28.142	35.882	23.014	0.677
130	27.503	36.032	23.335	0.725
140	26.078	36.268	23.968	0.768
150	25.101	36.329	24.317	0.807
160	24.276	36.309	24.552	0.842
170	23.312	36.251	24.794	0.876
180	22.124	36.112	25.030	0.907
190	21.959	36.083	25.054	0.936
200	20.803	35.936	25.262	0.965
250	16.499	35.357	25.908	1.091
300	13.550	35.021	26.298	1.188
350	10.876	34.805	26.647	1.268
400	9.446	34.708	26.817	1.337
450	8.271	34.634	26.946	1.398
500	7.761	34.604	26.999	1.456
550	7.336	34.587	27.047	1.512
600	6.869	34.566	27.095	1.566
650	6.441	34.552	27.142	1.618
700	5.901	34.534	27.197	1.667
750	5.702	34.531	27.220	1.715
800	5.441	34.530	27.251	1.761
900	4.855	34.527	27.317	1.850
1000	4.372	34.533	27.376	1.932
1500	2.821	34.594	27.578	2.282
2000	2.102	34.637	27.673	2.558
2500	1.667	34.665	27.729	2.804
3000	1.423	34.678	27.758	3.034
3500	1.247	34.687	27.777	3.255
4000	1.102	34.694	27.793	3.473
4500	0.839	34.706	27.820	3.682
5000	0.750	34.709	27.828	3.881
5101	0.750	34.709	27.828	3.922

CAST TG3-94-DI -020 DATE 13 NOV 94 TIME 0736 GMT

LAT 08 00.0S LONG 179 59.0W



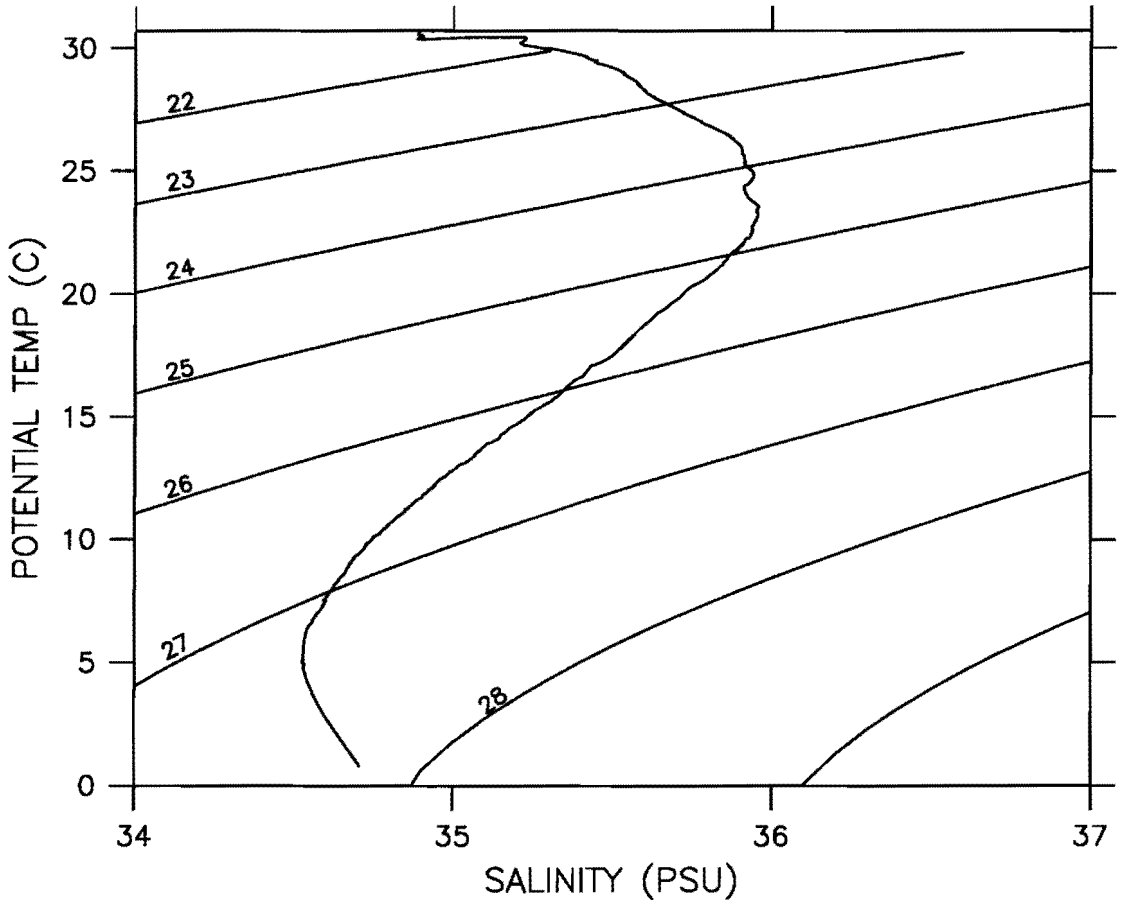


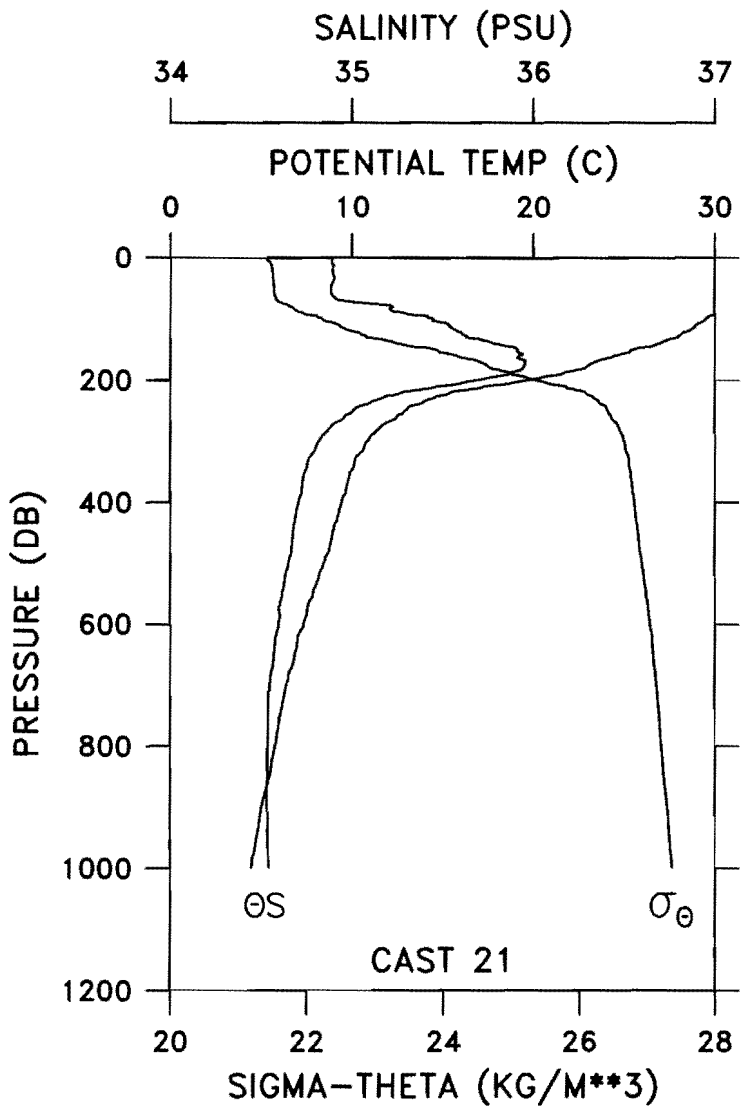
CAST TG3-94-DI -020 DATE 13 NOV 94 TIME 0736 GMT
LAT 08 00.0S LONG 179 59.0W WEATHER 1 SEA STATE 4
BAROMETER 07 WIND DIR 060 T SPD 08 KT VISIBILITY 7
CLOUD 8 AMOUNT 4 DRY 30.0 WET 26.0 DEPTH 5530 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.163	34.877	21.581	0.000
10	30.108	34.881	21.603	0.062
20	29.972	34.900	21.663	0.124
30	29.965	34.907	21.670	0.185
40	30.260	35.225	21.808	0.246
50	29.661	35.203	21.996	0.305
60	29.576	35.223	22.040	0.364
70	29.463	35.315	22.147	0.421
80	29.188	35.510	22.386	0.478
90	28.688	35.638	22.650	0.531
100	28.043	35.734	22.935	0.582
110	27.481	35.822	23.184	0.630
120	26.992	35.874	23.381	0.677
130	26.566	35.966	23.586	0.721
140	25.856	36.071	23.889	0.764
150	25.133	36.152	24.174	0.803
160	24.425	36.177	24.407	0.840
170	23.590	36.151	24.636	0.875
180	22.867	36.098	24.807	0.908
190	21.928	36.021	25.016	0.939
200	21.064	35.918	25.177	0.968
250	16.442	35.364	25.926	1.092
300	13.089	35.011	26.384	1.190
350	10.709	34.801	26.674	1.268
400	9.237	34.696	26.842	1.337
450	8.147	34.624	26.957	1.397
500	7.562	34.592	27.018	1.455
550	7.079	34.565	27.066	1.509
600	6.639	34.547	27.111	1.562
650	6.335	34.538	27.145	1.613
700	6.018	34.530	27.179	1.663
750	5.775	34.530	27.210	1.711
800	5.501	34.530	27.243	1.758
900	4.996	34.528	27.301	1.848
1000	4.380	34.528	27.371	1.932
1500	2.802	34.594	27.579	2.281
2000	2.068	34.637	27.675	2.558
2500	1.673	34.661	27.726	2.805
3000	1.445	34.673	27.752	3.037
3500	1.258	34.684	27.774	3.262
4000	1.058	34.697	27.798	3.480
4500	0.883	34.707	27.817	3.686
5000	0.841	34.707	27.821	3.892
5303	0.823	34.707	27.821	4.021

CAST TG3-94-DI -021 DATE 15 NOV 94 TIME 0702 GMT

LAT 04 56.3S LONG 179 57.4W



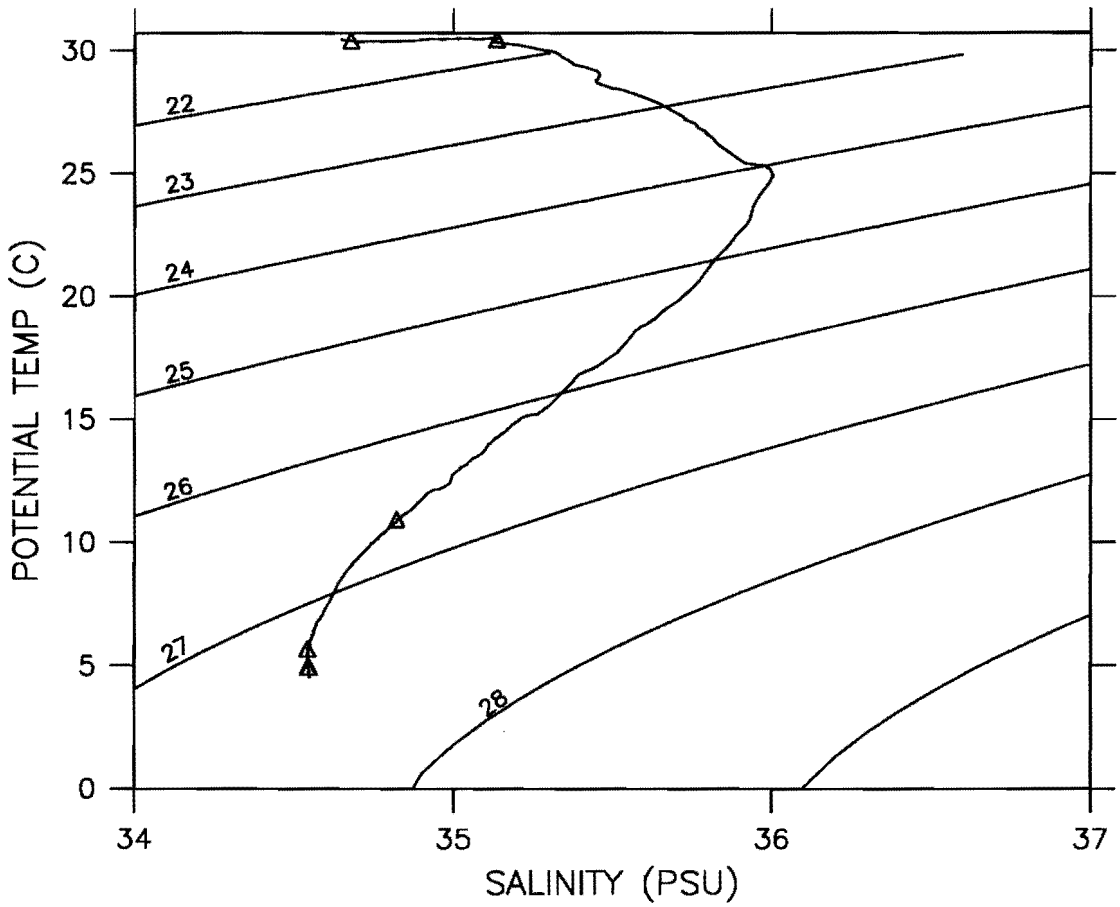


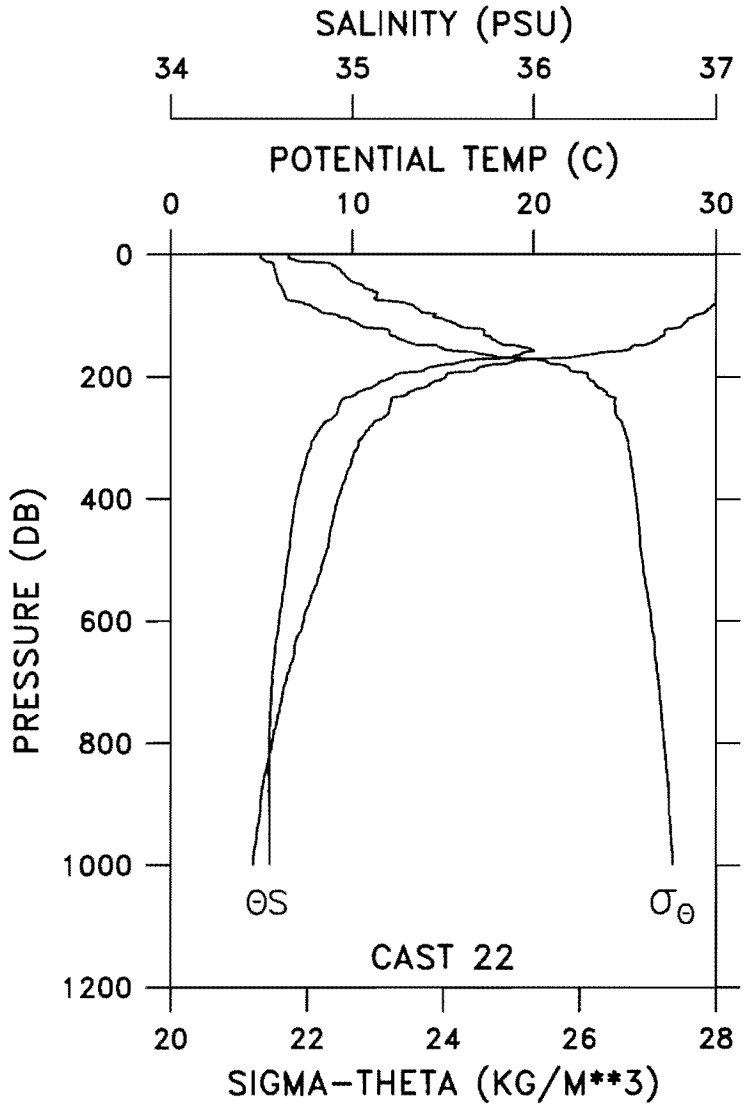
CAST TG3-94-DI -021 DATE 15 NOV 94 TIME 0702 GMT
LAT 04 56.3S LONG 179 57.4W WEATHER 2 SEA STATE 3
BAROMETER 08 WIND DIR 085 T SPD 05 KT VISIBILITY 7
CLOUD 4 AMOUNT 6 DRY 30.0 WET 26.0 DEPTH 5630 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.660	34.891	21.420	0.000
10	30.517	34.892	21.470	0.064
20	30.464	34.895	21.491	0.127
30	30.454	34.899	21.498	0.190
40	30.411	34.893	21.508	0.253
50	30.368	34.885	21.517	0.316
60	30.358	34.889	21.523	0.379
70	30.369	34.952	21.566	0.442
80	30.386	35.225	21.765	0.503
90	29.976	35.286	21.951	0.563
100	29.494	35.448	22.237	0.621
110	28.935	35.538	22.492	0.676
120	28.531	35.576	22.655	0.730
130	27.967	35.630	22.881	0.781
140	26.944	35.780	23.326	0.828
150	25.488	35.912	23.883	0.872
160	24.448	35.922	24.207	0.911
170	23.373	35.950	24.547	0.947
180	22.811	35.942	24.704	0.981
190	21.489	35.859	25.015	1.013
200	19.601	35.683	25.389	1.041
250	12.897	35.006	26.419	1.141
300	10.796	34.816	26.670	1.218
350	9.910	34.741	26.765	1.288
400	9.437	34.706	26.817	1.354
450	8.948	34.675	26.872	1.419
500	8.454	34.649	26.930	1.481
550	7.871	34.615	26.991	1.540
600	7.350	34.594	27.050	1.596
650	6.864	34.568	27.097	1.650
700	6.364	34.544	27.146	1.702
750	6.019	34.538	27.185	1.752
800	5.744	34.534	27.217	1.801
900	4.993	34.530	27.304	1.892
1000	4.437	34.541	27.374	1.976
1500	2.871	34.598	27.576	2.324
2000	2.124	34.637	27.671	2.605
2500	1.782	34.656	27.713	2.857
3000	1.472	34.673	27.750	3.094
3500	1.250	34.684	27.775	3.319
4000	1.118	34.692	27.790	3.538
4500	0.925	34.703	27.812	3.752
5000	0.809	34.707	27.822	3.960
5452	0.799	34.707	27.823	4.151

CAST TG3-94-DI -022 DATE 15 NOV 94 TIME 1245 GMT

LAT 04 00.0S LONG 179 54.0W



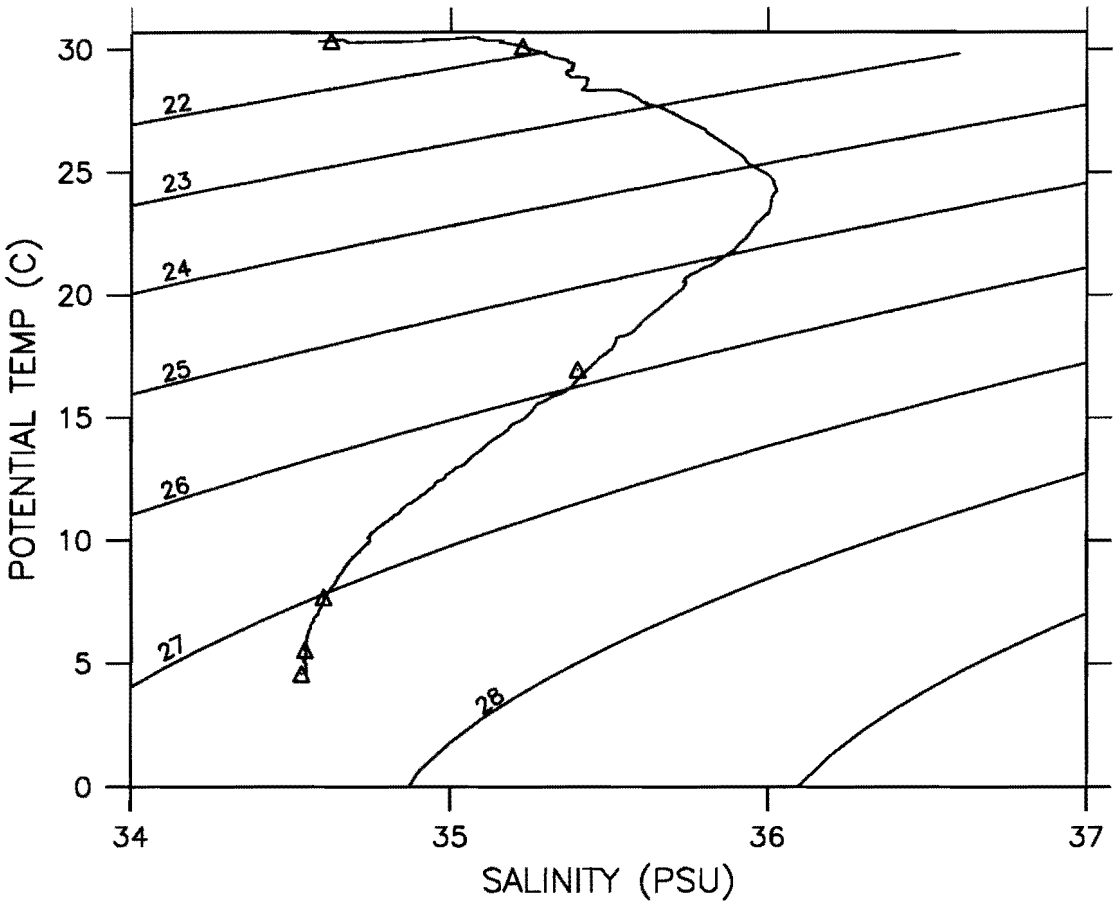


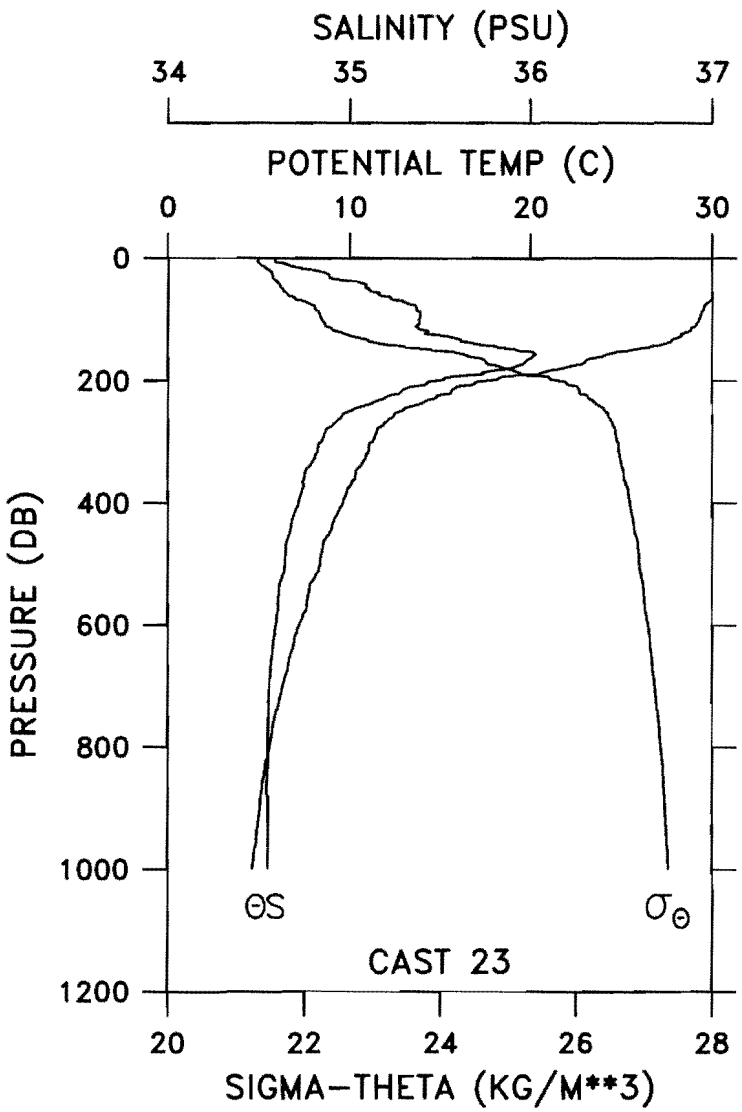
CAST TG3-94-DI -022 DATE 15 NOV 94 TIME 1245 GMT
LAT 04 00.0S LONG 179 54.0W WEATHER 2 SEA STATE 1
BAROMETER 07 WIND DIR 035 T SPD 05 KT VISIBILITY 7
CLOUD 6 AMOUNT 7 DRY 29.3 WET 25.8 DEPTH 6018 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.436	34.650	21.317	0.000
10	30.361	34.686	21.370	0.065
20	30.437	34.909	21.511	0.128
30	30.461	34.943	21.528	0.191
40	30.453	34.979	21.558	0.253
50	30.486	35.056	21.604	0.316
60	30.490	35.115	21.647	0.378
70	30.438	35.131	21.676	0.439
80	29.989	35.295	21.954	0.500
90	29.539	35.365	22.159	0.558
100	28.798	35.451	22.472	0.614
110	28.325	35.546	22.701	0.667
120	27.901	35.635	22.907	0.718
130	27.172	35.725	23.211	0.766
140	26.698	35.789	23.411	0.812
150	25.408	35.917	23.911	0.856
160	23.691	35.943	24.449	0.895
170	20.550	35.768	25.202	0.928
180	17.700	35.513	25.740	0.953
190	16.805	35.392	25.862	0.975
200	15.127	35.222	26.116	0.995
250	12.055	34.926	26.522	1.081
300	10.547	34.792	26.695	1.156
350	9.802	34.731	26.776	1.224
400	9.222	34.689	26.839	1.290
450	8.823	34.663	26.883	1.353
500	8.441	34.642	26.926	1.415
550	7.887	34.622	26.994	1.475
600	7.326	34.596	27.055	1.531
650	6.813	34.574	27.109	1.584
700	6.314	34.559	27.164	1.636
750	5.960	34.547	27.200	1.685
800	5.554	34.543	27.247	1.732
900	4.925	34.543	27.322	1.820
1000	4.532	34.547	27.369	1.903
1004	4.511	34.545	27.370	1.907

CAST TG3-94-DI -023 DATE 15 NOV 94 TIME 1725 GMT

LAT 03 00.0S LONG 179 54.0W



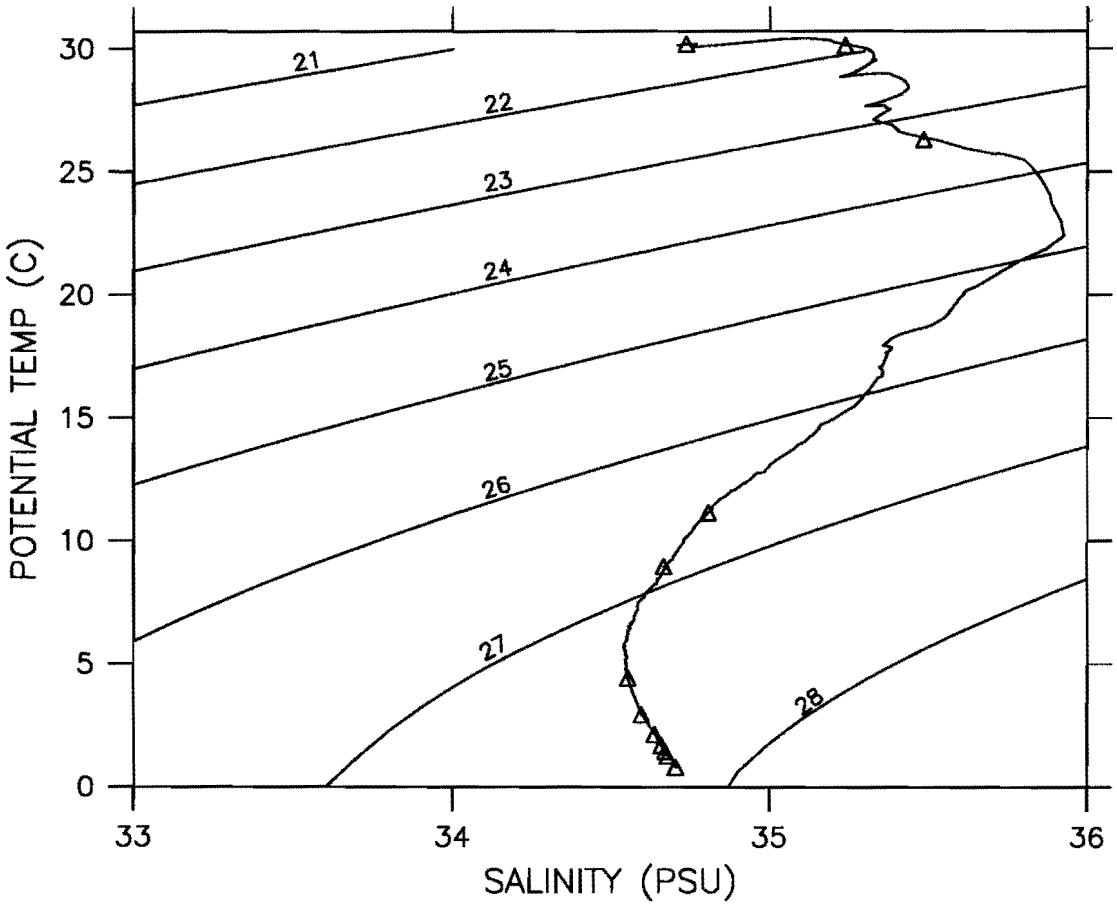


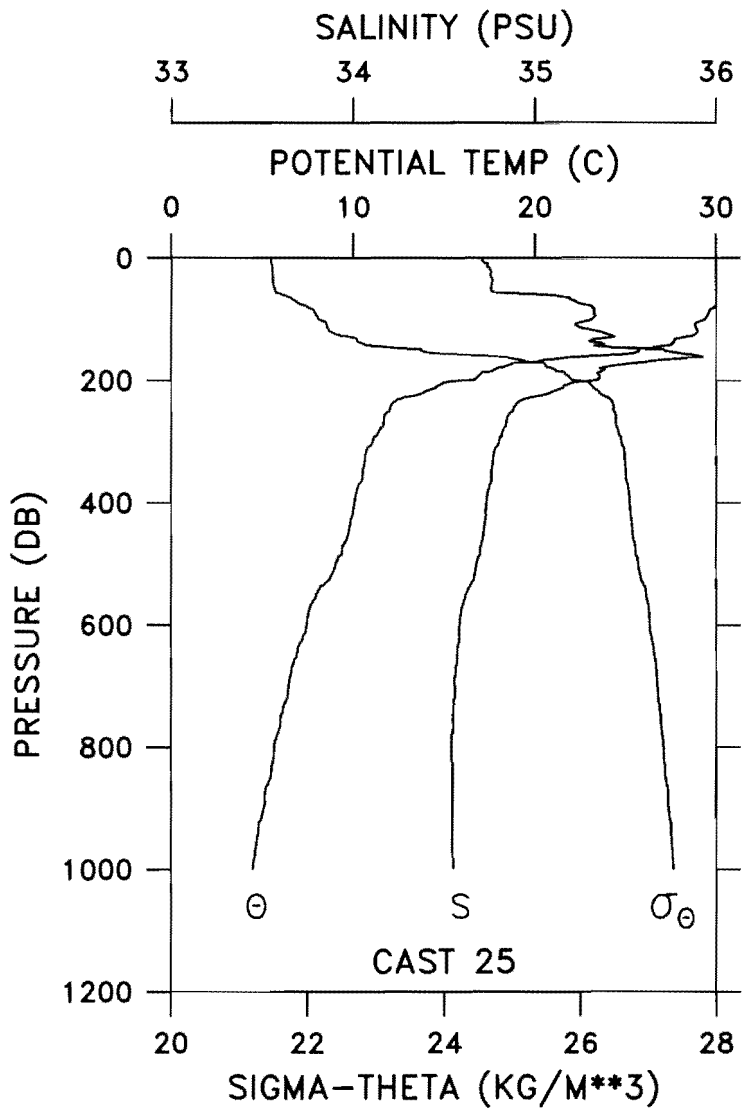
CAST TG3-94-DI -023 DATE 15 NOV 94 TIME 1725 GMT
LAT 03 00.0S LONG 179 54.0W WEATHER 8 SEA STATE 4
BAROMETER 10 WIND DIR 305 T SPD 15 KT VISIBILITY 6
CLOUD 7 AMOUNT 8 DRY 26.0 WET 23.0 DEPTH 5416 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.322	34.587	21.309	0.000
10	30.375	34.653	21.340	0.065
20	30.309	34.809	21.479	0.129
30	30.351	34.887	21.524	0.191
40	30.485	35.062	21.608	0.254
50	30.373	35.105	21.679	0.316
60	30.284	35.159	21.750	0.377
70	29.837	35.293	22.004	0.437
80	29.557	35.366	22.154	0.494
90	29.394	35.388	22.225	0.551
100	29.275	35.381	22.260	0.607
110	29.105	35.367	22.307	0.663
120	28.665	35.427	22.499	0.718
130	28.073	35.578	22.807	0.771
140	27.337	35.707	23.144	0.820
150	25.554	35.926	23.873	0.865
160	24.013	36.012	24.405	0.902
170	22.957	35.967	24.681	0.936
180	21.678	35.875	24.975	0.968
190	19.875	35.693	25.325	0.997
200	17.451	35.470	25.767	1.022
250	12.744	34.995	26.441	1.118
300	11.242	34.844	26.611	1.195
350	10.321	34.752	26.704	1.268
400	9.625	34.717	26.795	1.336
450	8.887	34.666	26.875	1.401
500	8.368	34.641	26.936	1.462
550	7.731	34.607	27.005	1.521
600	7.213	34.590	27.066	1.577
650	6.720	34.570	27.118	1.630
700	6.285	34.555	27.164	1.681
750	5.850	34.546	27.213	1.730
800	5.549	34.546	27.250	1.776
900	5.025	34.544	27.311	1.865
1000	4.593	34.547	27.362	1.949
1003	4.577	34.547	27.364	1.951

CAST TG3–94–DI –025 DATE 16 NOV 94 TIME 0135 GMT

LAT 01 56.2S LONG 179 53.7W



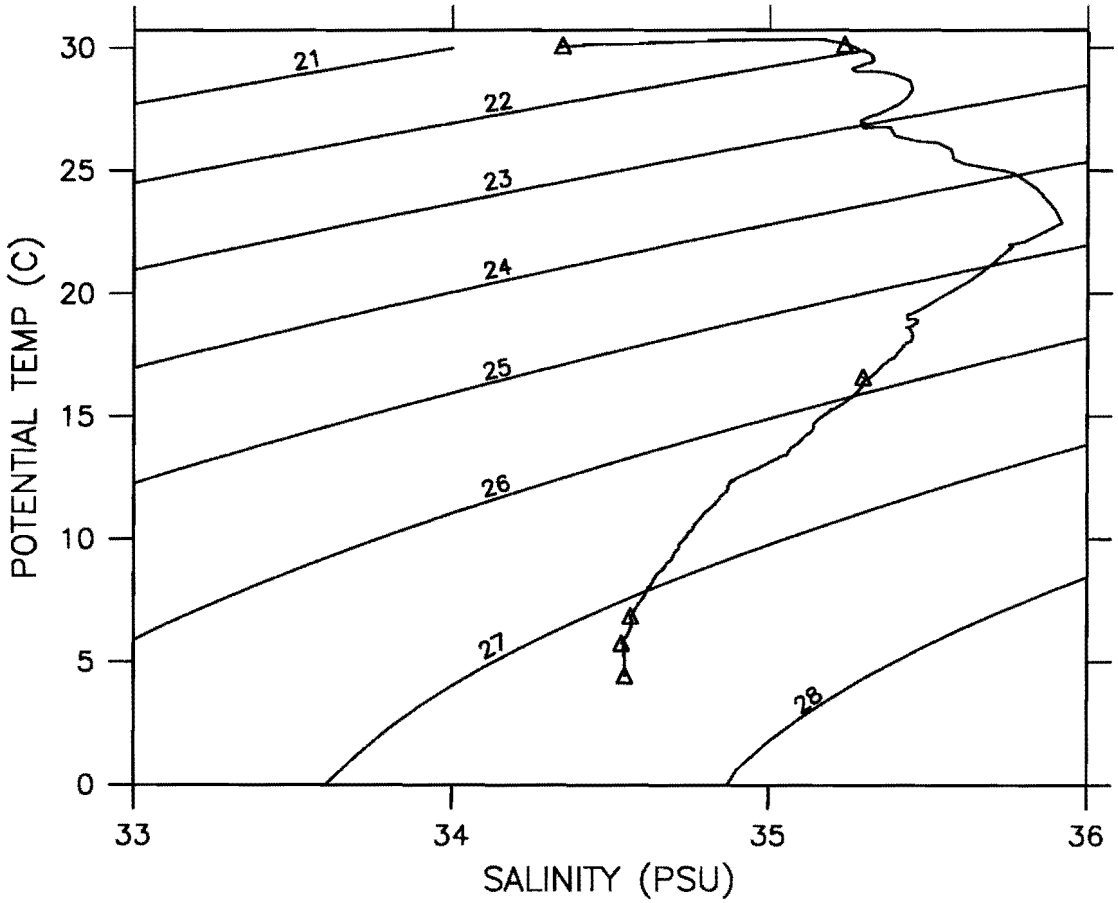


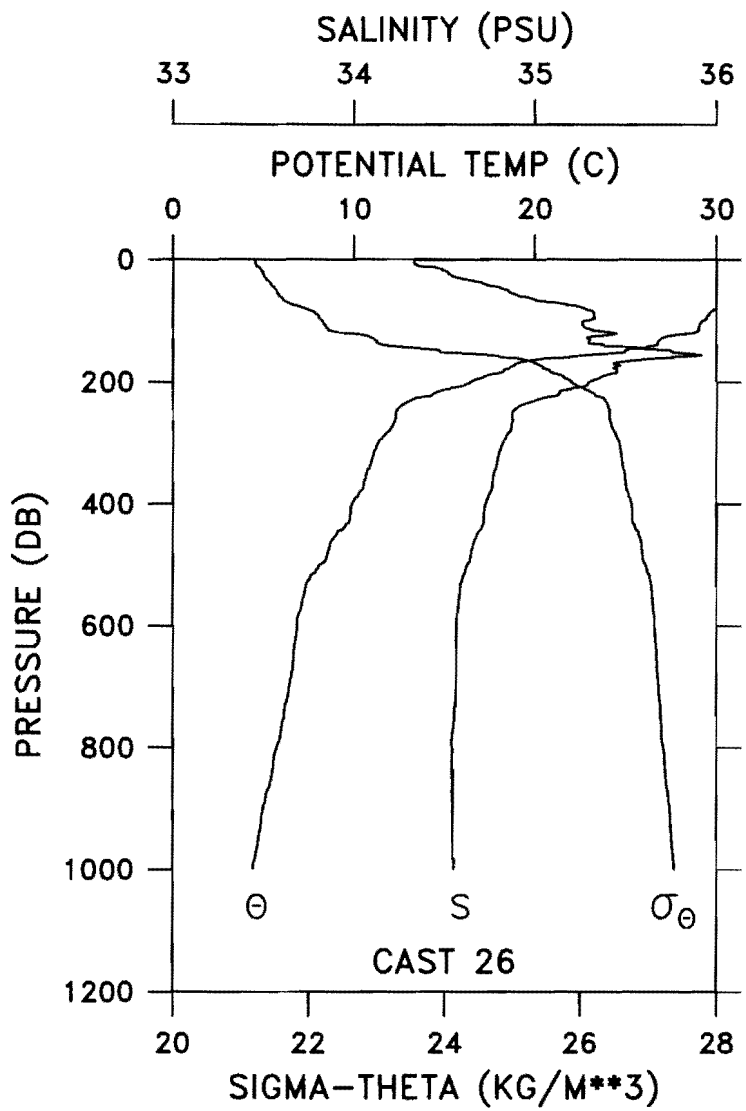
CAST TG3-94-DI -025 DATE 16 NOV 94 TIME 0135 GMT
LAT 01 56.2S LONG 179 53.7W WEATHER 2 SEA STATE 3
BAROMETER 08 WIND DIR 300 T SPD 04 KT VISIBILITY 6
CLOUD 7 AMOUNT 8 DRY 28.0 WET 25.0 DEPTH 5390 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.141	34.710	21.463	0.000
10	30.172	34.739	21.474	0.063
20	30.174	34.756	21.486	0.126
30	30.170	34.757	21.488	0.190
40	30.171	34.764	21.493	0.253
50	30.097	34.757	21.514	0.316
60	30.380	35.040	21.629	0.379
70	30.202	35.222	21.826	0.439
80	29.885	35.319	22.007	0.499
90	29.591	35.322	22.109	0.557
100	29.382	35.313	22.173	0.614
110	28.849	35.225	22.286	0.670
120	29.003	35.361	22.337	0.726
130	28.030	35.391	22.681	0.780
140	27.555	35.379	22.827	0.832
150	25.728	35.716	23.660	0.879
160	22.986	35.917	24.635	0.919
170	19.893	35.601	25.250	0.949
180	17.895	35.376	25.587	0.975
190	16.993	35.350	25.786	0.998
200	16.095	35.311	25.966	1.021
250	12.004	34.876	26.493	1.108
300	11.098	34.802	26.604	1.185
350	10.526	34.760	26.674	1.258
400	10.082	34.732	26.729	1.329
450	9.767	34.717	26.771	1.398
500	9.050	34.677	26.858	1.464
550	7.994	34.619	26.976	1.526
600	7.476	34.584	27.024	1.584
650	6.911	34.571	27.093	1.638
700	6.470	34.558	27.143	1.690
750	6.031	34.549	27.193	1.741
800	5.674	34.539	27.229	1.789
900	5.082	34.545	27.306	1.879
1000	4.498	34.550	27.375	1.962
1500	2.963	34.598	27.568	2.314
2000	2.161	34.637	27.668	2.599
2500	1.694	34.660	27.723	2.848
3000	1.437	34.673	27.752	3.080
3500	1.258	34.682	27.772	3.303
4000	1.084	34.694	27.794	3.522
4500	0.896	34.703	27.814	3.732
5000	0.817	34.707	27.821	3.939
5102	0.811	34.707	27.822	3.981

CAST TG3-94-DI -026 DATE 16 NOV 94 TIME 0517 GMT

LAT 01 30.1S LONG 179 53.8W



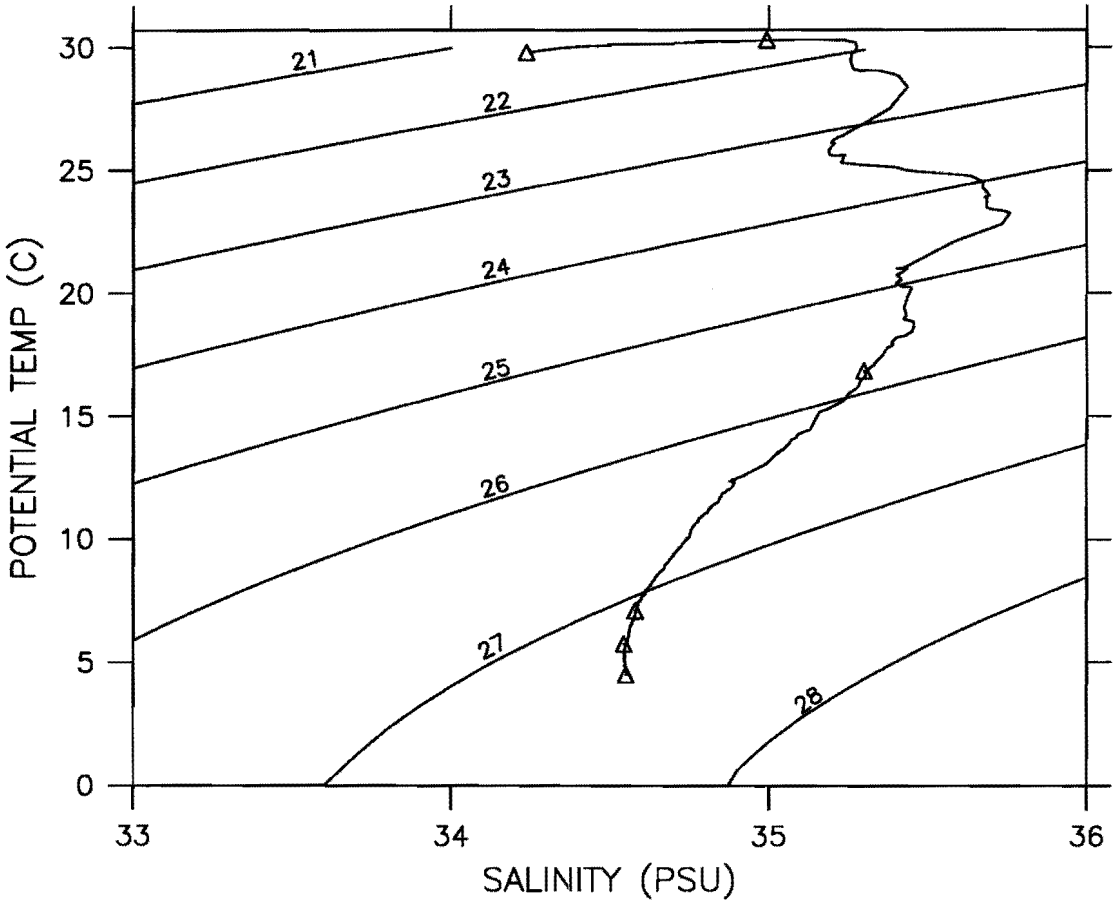


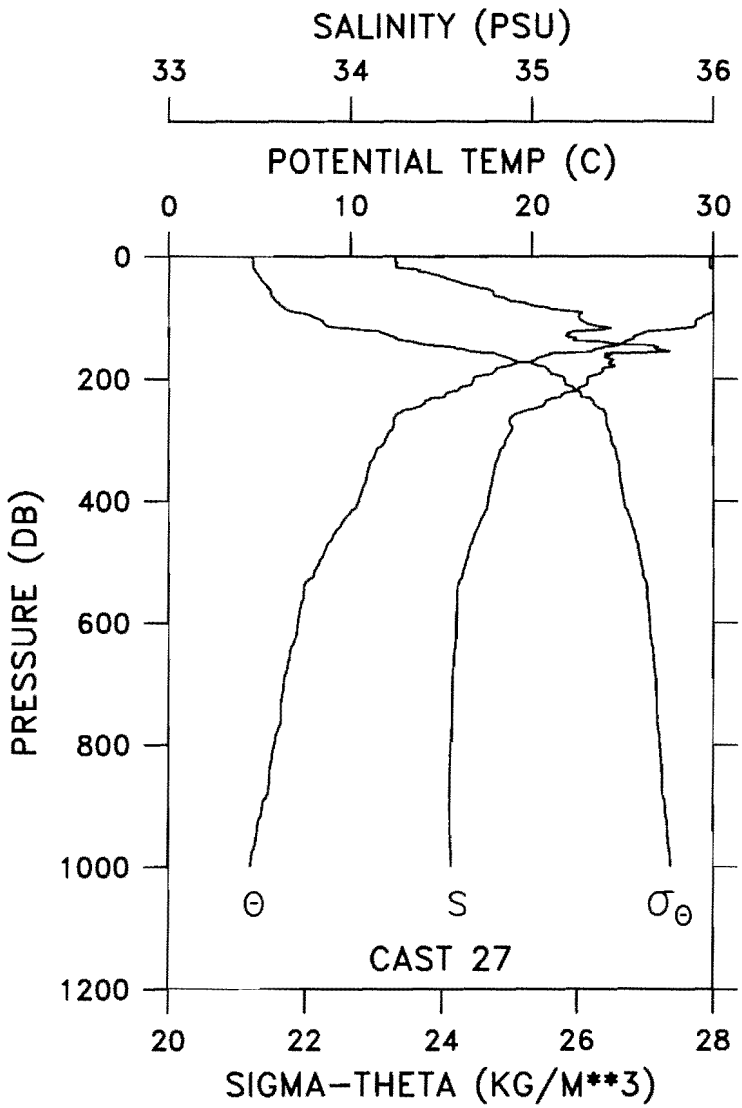
CAST TG3-94-DI -026 DATE 16 NOV 94 TIME 0517 GMT
LAT 01 30.1S LONG 179 53.8W WEATHER 6 SEA STATE 2
BAROMETER 09 WIND DIR 000 T SPD 00 KT VISIBILITY 6
CLOUD 4 AMOUNT 8 DRY 27.6 WET 25.1 DEPTH 5199 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	30.029	34.336	21.221	0.000
10	30.039	34.350	21.228	0.066
20	30.124	34.516	21.323	0.131
30	30.150	34.575	21.359	0.195
40	30.229	34.723	21.443	0.259
50	30.271	34.849	21.522	0.323
60	30.288	34.911	21.563	0.385
70	30.335	35.108	21.694	0.447
80	29.938	35.278	21.958	0.508
90	29.564	35.327	22.122	0.566
100	29.229	35.277	22.197	0.623
110	29.037	35.272	22.258	0.679
120	28.646	35.441	22.516	0.735
130	26.932	35.300	22.968	0.785
140	26.650	35.383	23.120	0.834
150	24.939	35.753	23.931	0.878
160	21.900	35.766	24.830	0.913
170	19.025	35.434	25.348	0.942
180	18.314	35.452	25.542	0.968
190	17.285	35.375	25.735	0.992
200	16.459	35.302	25.875	1.014
250	12.336	34.876	26.429	1.107
300	11.354	34.824	26.574	1.187
350	10.710	34.773	26.651	1.262
400	9.912	34.727	26.754	1.334
450	9.035	34.680	26.862	1.401
500	8.090	34.627	26.968	1.462
550	7.247	34.583	27.056	1.519
600	6.871	34.565	27.094	1.572
650	6.664	34.568	27.125	1.624
700	6.417	34.565	27.155	1.676
750	6.135	34.556	27.184	1.725
800	5.737	34.543	27.225	1.774
900	4.988	34.546	27.317	1.864
1000	4.453	34.550	27.380	1.947
1000	4.453	34.550	27.380	1.947

CAST TG3-94-DI -027 DATE 16 NOV 94 TIME 0815 GMT

LAT 00 59.8S LONG 179 53.4W



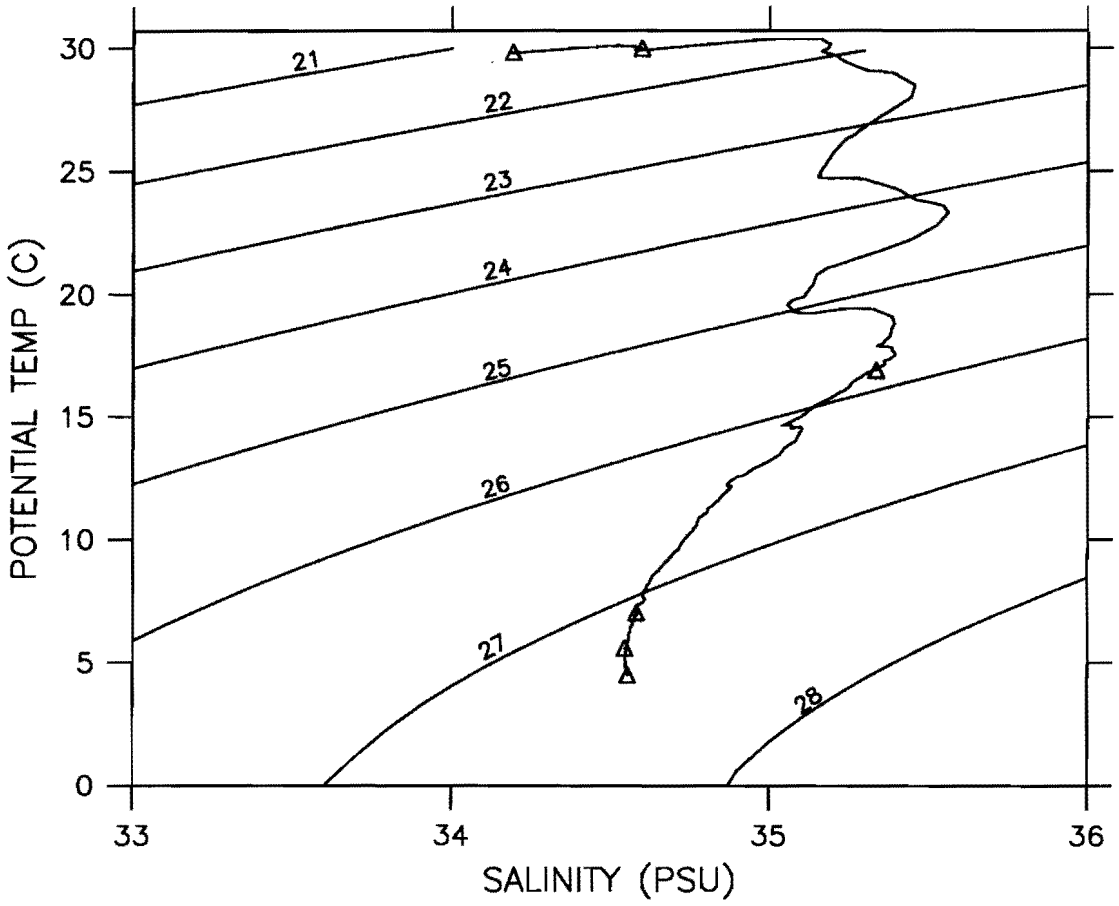


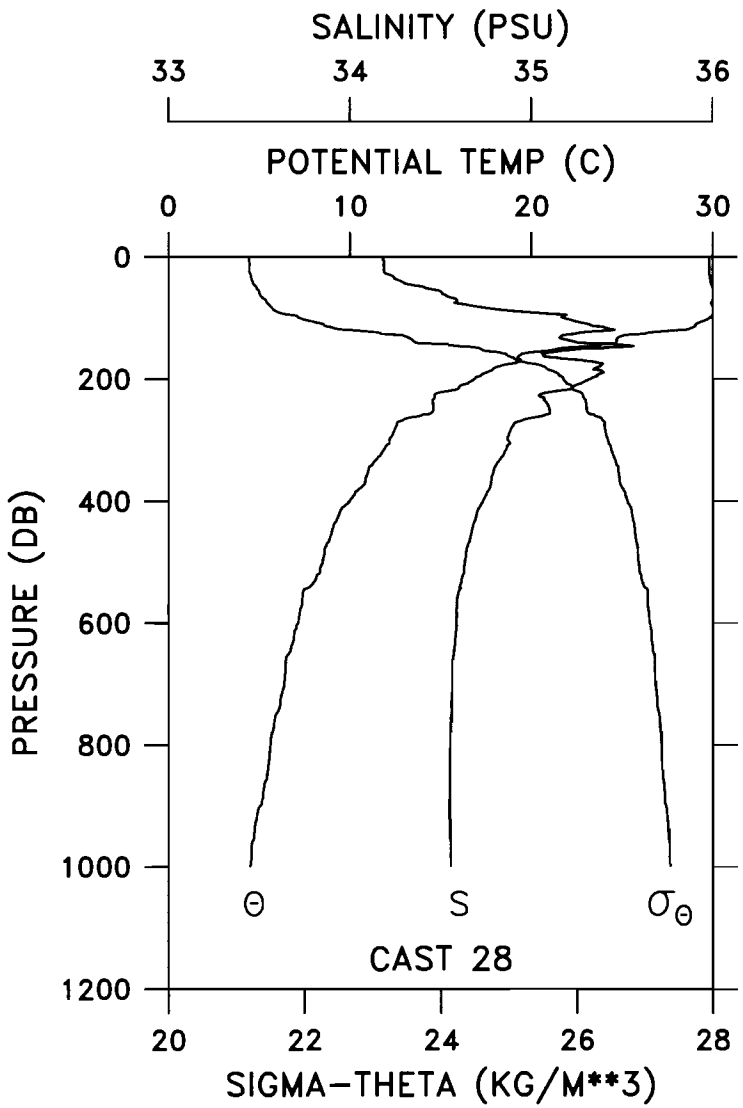
CAST TG3-94-DI -027 DATE 16 NOV 94 TIME 0815 GMT
LAT 00 59.8S LONG 179 53.4W WEATHER 2 SEA STATE 3
BAROMETER 10 WIND DIR 260 T SPD 04 KT VISIBILITY 6
CLOUD 2 AMOUNT 8 DRY 27.5 WET 25.0 DEPTH 5326 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.816	34.247	21.227	0.000
10	29.827	34.257	21.231	0.066
20	29.965	34.342	21.247	0.131
30	30.068	34.470	21.308	0.196
40	30.116	34.575	21.370	0.261
50	30.162	34.694	21.444	0.325
60	30.220	34.787	21.494	0.388
70	30.228	34.862	21.547	0.451
80	30.286	35.006	21.635	0.514
90	30.272	35.238	21.814	0.575
100	29.350	35.258	22.143	0.634
110	29.040	35.302	22.280	0.690
120	27.510	35.379	22.841	0.744
130	25.648	35.190	23.288	0.792
140	25.109	35.402	23.614	0.837
150	23.859	35.686	24.205	0.878
160	21.019	35.437	24.823	0.913
170	20.129	35.446	25.070	0.943
180	18.434	35.449	25.509	0.970
190	17.830	35.380	25.606	0.995
200	16.757	35.305	25.807	1.019
250	13.038	34.988	26.377	1.119
300	11.875	34.854	26.500	1.202
350	10.956	34.791	26.621	1.279
400	10.470	34.758	26.682	1.352
450	9.206	34.690	26.842	1.421
500	8.291	34.634	26.943	1.483
550	7.427	34.586	27.033	1.540
600	7.112	34.581	27.073	1.595
650	6.673	34.571	27.125	1.648
700	6.319	34.560	27.164	1.699
750	6.163	34.557	27.182	1.749
800	5.794	34.550	27.224	1.797
900	5.153	34.543	27.296	1.889
1000	4.492	34.552	27.377	1.973
1001	4.487	34.552	27.378	1.974

CAST TG3-94-DI -028 DATE 16 nov 94 TIME 1116 GMT

LAT 00 29.8S LONG 179 53.7W



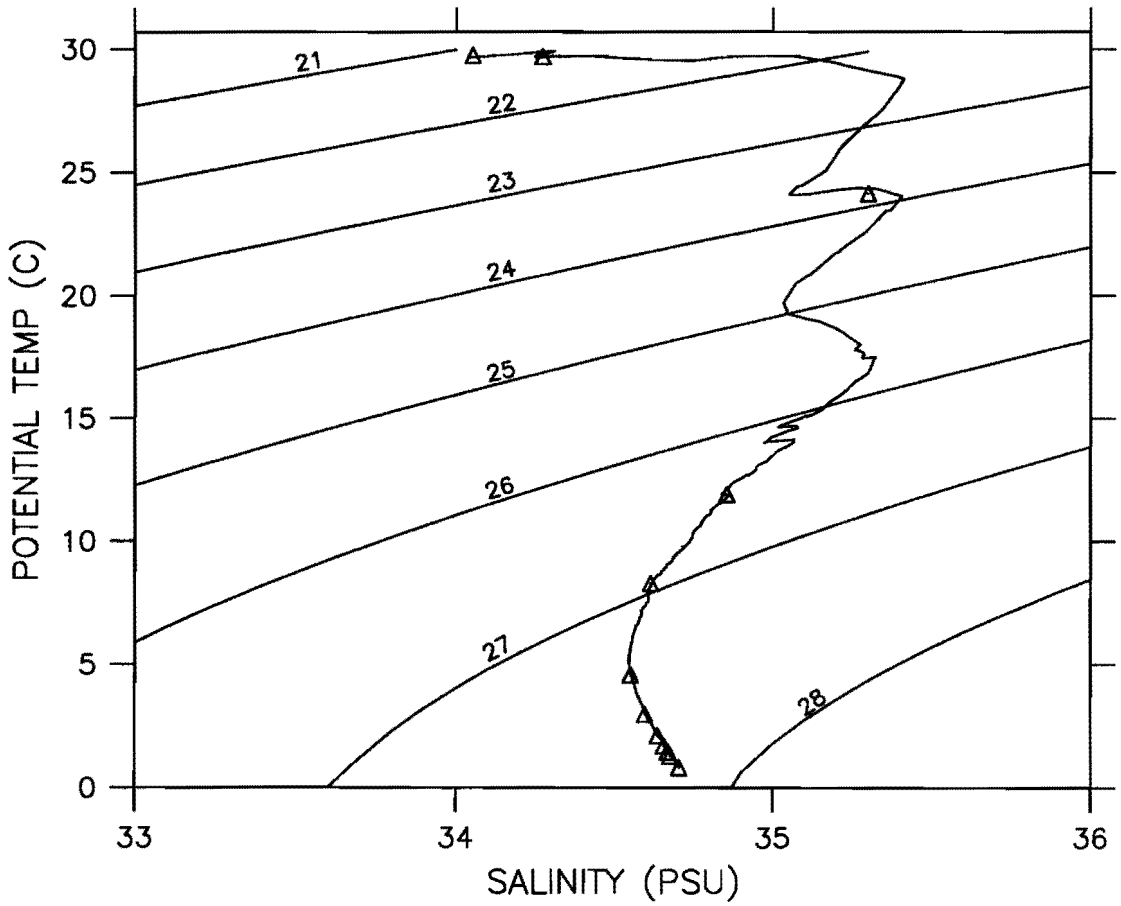


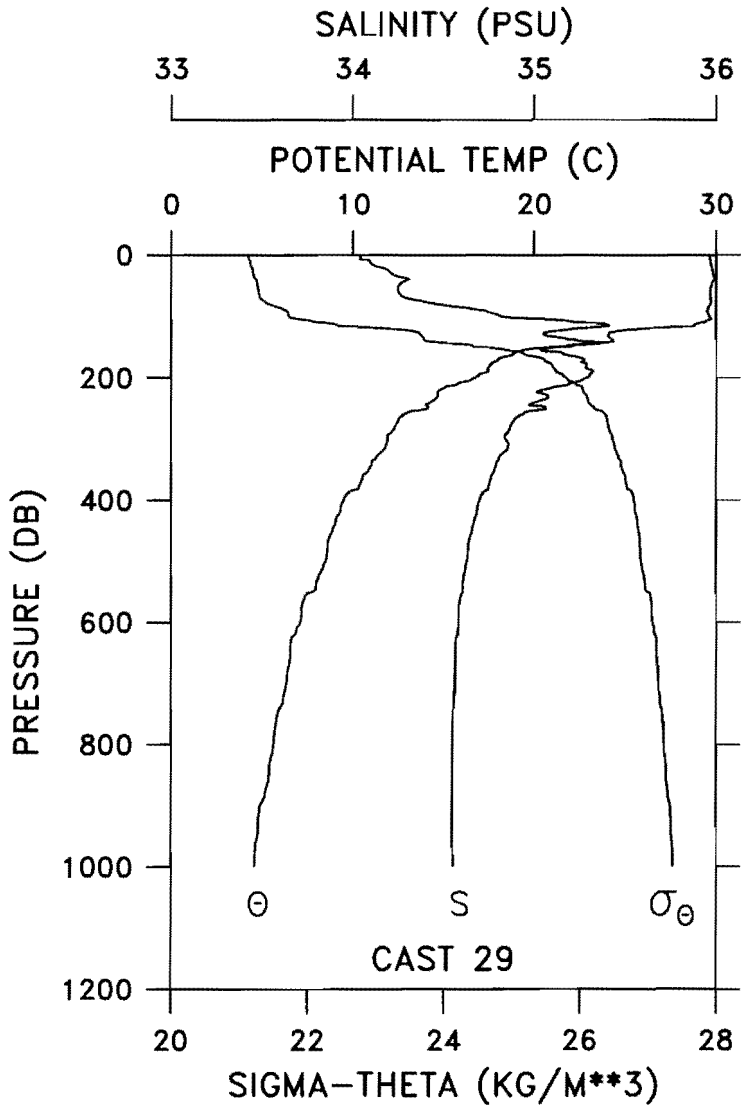
CAST TG3-94-DI -028 DATE 16 nov 94 TIME 1116 GMT
LAT 00 29.8S LONG 179 53.7W WEATHER 2 SEA STATE 3
BAROMETER 10 WIND DIR 300 T SPD 06 KT VISIBILITY 9
CLOUD 6 AMOUNT 8 DRY 28.0 WET 25.0 DEPTH 4564 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.806	34.183	21.182	0.000
10	29.801	34.187	21.187	0.066
20	29.806	34.187	21.185	0.132
30	29.828	34.225	21.206	0.198
40	29.881	34.283	21.231	0.264
50	29.999	34.410	21.287	0.329
60	30.077	34.507	21.333	0.394
70	30.001	34.589	21.420	0.459
80	29.989	34.674	21.488	0.522
90	30.301	34.961	21.596	0.585
100	29.793	35.176	21.932	0.646
110	29.068	35.311	22.277	0.704
120	27.990	35.447	22.737	0.758
130	24.915	35.158	23.489	0.806
140	24.701	35.251	23.623	0.850
150	21.499	35.288	24.578	0.888
160	19.417	35.066	24.965	0.920
170	19.405	35.286	25.136	0.950
180	18.065	35.361	25.533	0.977
190	17.432	35.389	25.710	1.001
200	16.837	35.319	25.799	1.024
250	14.583	35.097	26.138	1.126
300	12.178	34.870	26.455	1.213
350	10.995	34.791	26.614	1.292
400	9.974	34.731	26.747	1.364
450	8.999	34.669	26.859	1.430
500	8.495	34.631	26.909	1.493
550	7.393	34.595	27.045	1.552
600	7.135	34.582	27.071	1.607
650	6.613	34.569	27.132	1.659
700	6.353	34.563	27.162	1.710
750	5.902	34.558	27.216	1.759
800	5.594	34.549	27.247	1.805
900	5.010	34.548	27.316	1.895
1000	4.500	34.556	27.380	1.978
1002	4.493	34.555	27.380	1.979

CAST TG3-94-DI -029 DATE 16 NOV 94 TIME 1517 GMT

LAT 00 01.2S LONG 179 52.5W



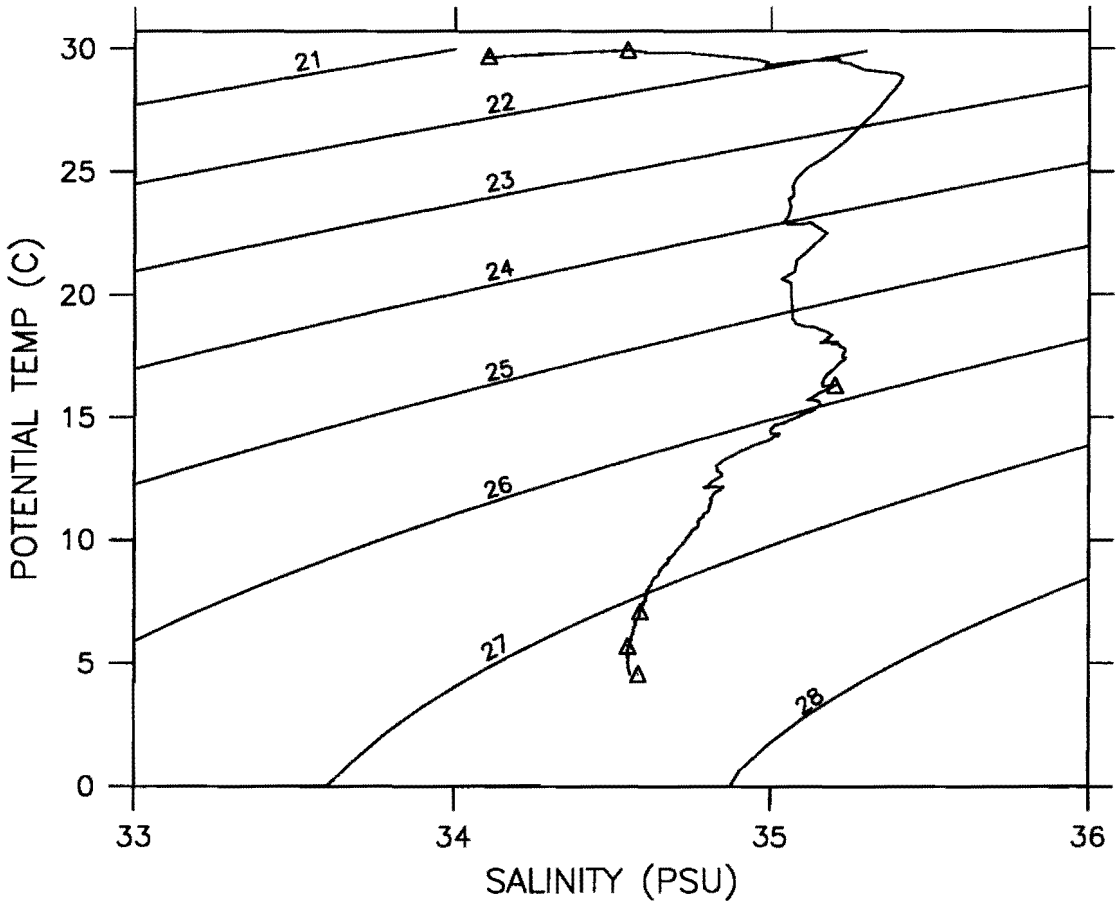


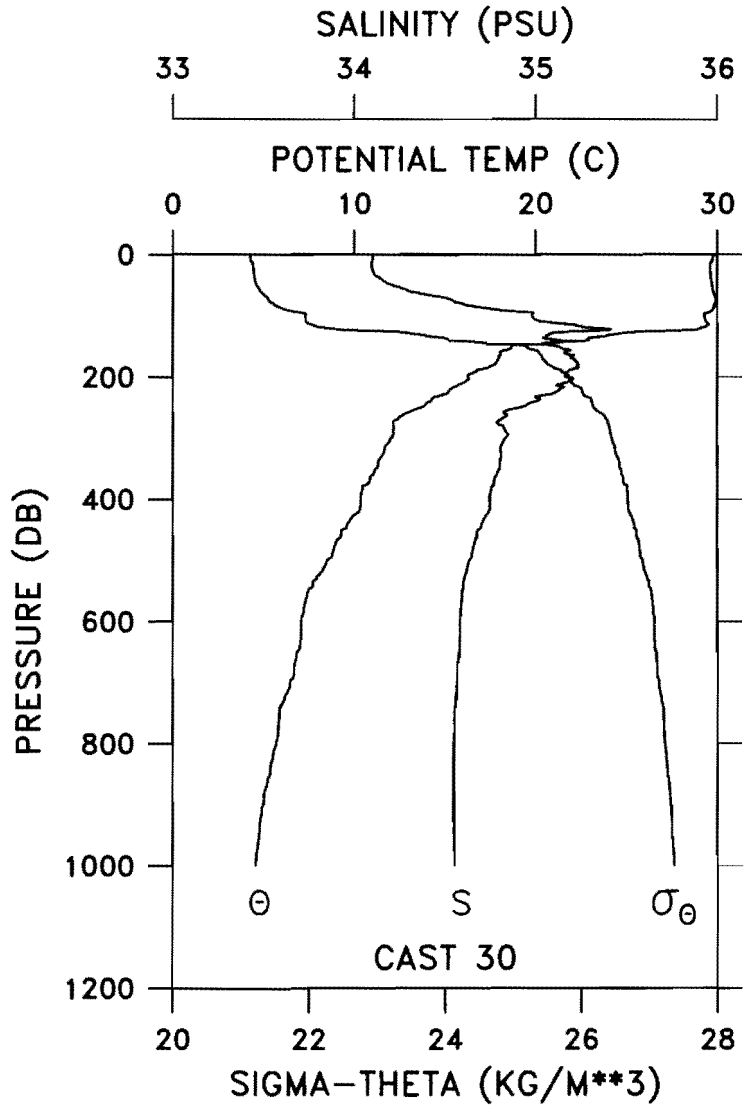
CAST TG3-94-DI -029 DATE 16 NOV 94 TIME 1517 GMT
LAT 00 01.2S LONG 179 52.5W WEATHER 1 SEA STATE 2
BAROMETER 09 WIND DIR 260 T SPD 04 KT VISIBILITY 7
CLOUD 3 AMOUNT 7 DRY 28.3 WET 25.3 DEPTH 5298 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.650	34.042	21.129	0.000
10	29.695	34.093	21.152	0.066
20	29.766	34.159	21.178	0.133
30	29.829	34.214	21.198	0.199
40	29.879	34.302	21.246	0.264
50	29.721	34.250	21.261	0.330
60	29.673	34.251	21.278	0.395
70	29.698	34.291	21.300	0.461
80	29.695	34.455	21.424	0.525
90	29.528	34.725	21.683	0.588
100	29.631	34.823	21.722	0.649
110	29.110	35.307	22.260	0.709
120	25.982	35.212	23.201	0.761
130	24.069	35.058	23.667	0.805
140	24.362	35.268	23.738	0.848
150	20.897	35.122	24.616	0.885
160	18.898	35.156	25.167	0.916
170	17.989	35.276	25.487	0.943
180	17.557	35.289	25.603	0.968
190	17.446	35.320	25.654	0.992
200	16.718	35.287	25.802	1.015
250	14.143	35.066	26.208	1.116
300	11.906	34.842	26.485	1.201
350	10.875	34.782	26.629	1.278
400	9.517	34.700	26.799	1.349
450	8.899	34.659	26.867	1.413
500	8.516	34.630	26.905	1.476
550	7.762	34.607	27.001	1.536
600	7.105	34.586	27.078	1.590
650	6.557	34.567	27.138	1.642
700	6.337	34.562	27.163	1.692
750	5.838	34.554	27.221	1.741
800	5.611	34.551	27.246	1.788
900	4.873	34.549	27.332	1.877
1000	4.568	34.554	27.370	1.959
1500	2.985	34.600	27.567	2.309
2000	2.107	34.641	27.675	2.591
2500	1.695	34.660	27.723	2.835
3000	1.450	34.672	27.751	3.069
3500	1.292	34.680	27.768	3.296
4000	1.094	34.693	27.792	3.515
4500	0.888	34.703	27.814	3.725
5000	0.826	34.706	27.820	3.932
5103	0.820	34.706	27.821	3.976

CAST TG3-94-DI -030 DATE 17 NOV 94 TIME 0709 GMT

LAT 00 30.3N LONG 179 53.7W



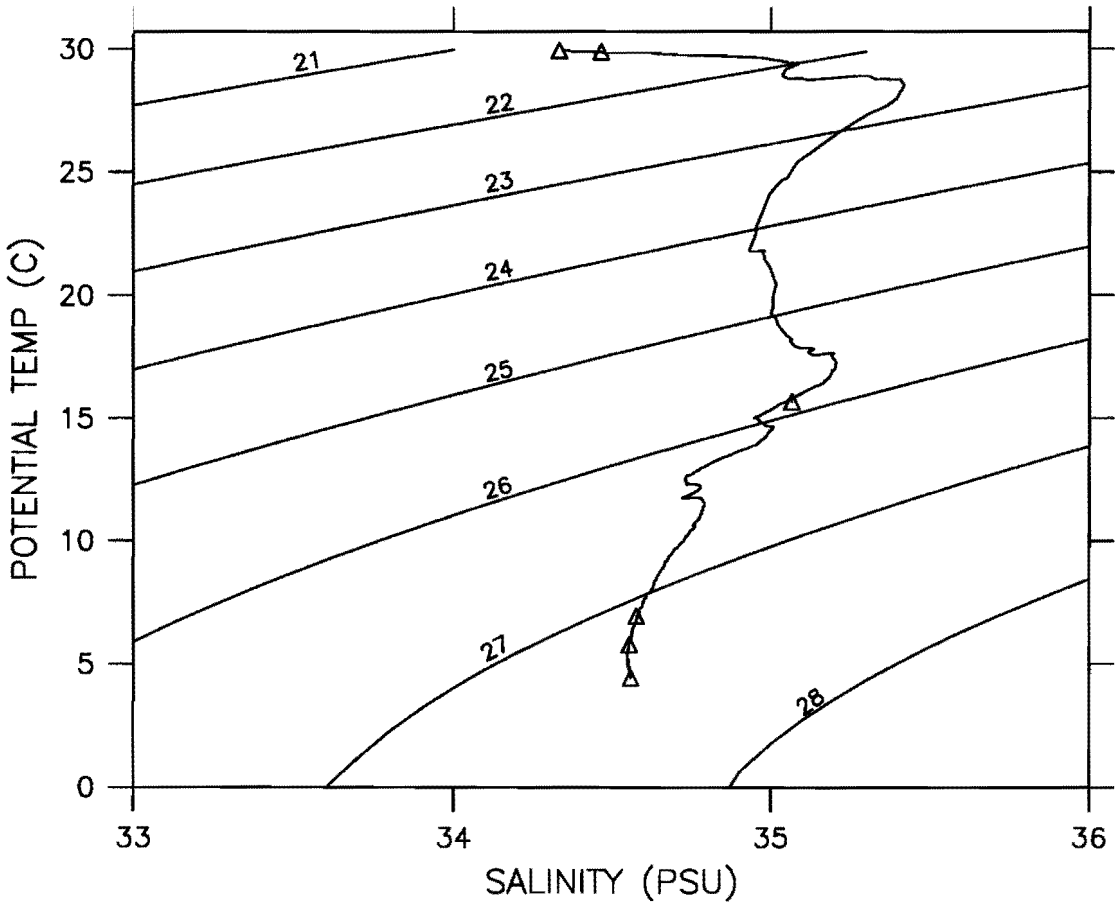


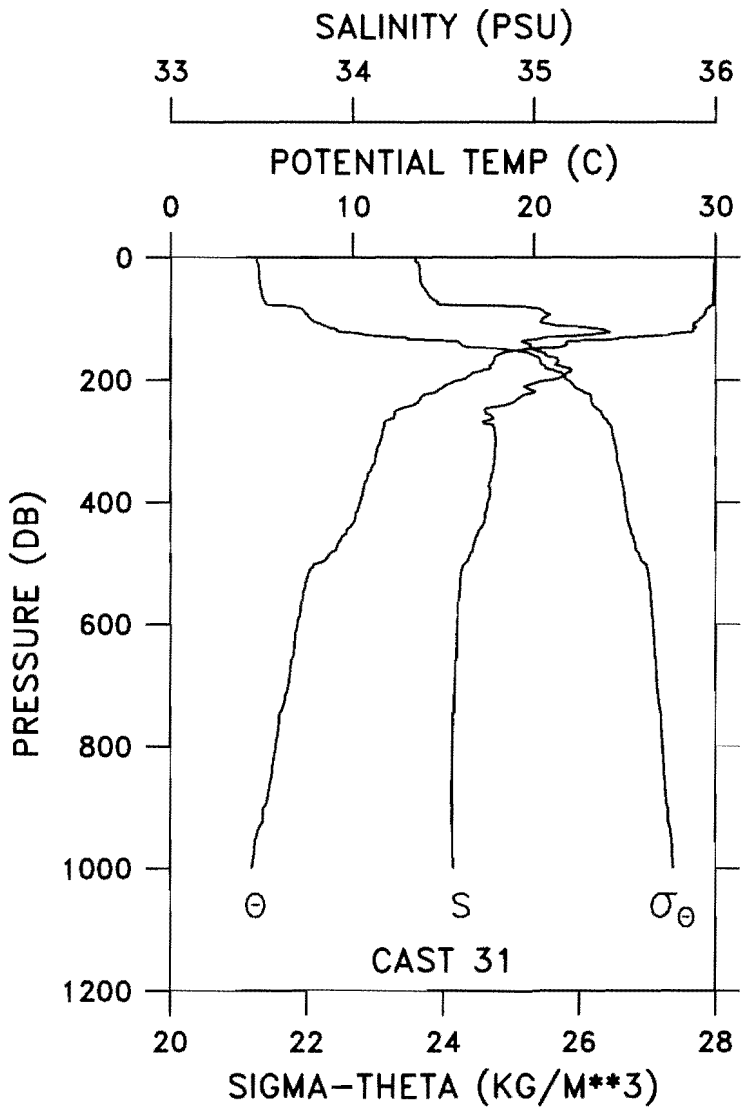
CAST TG3-94-DI -030 DATE 17 NOV 94 TIME 0709 GMT
LAT 00 30.3N LONG 179 53.7W WEATHER 2 SEA STATE 2
BAROMETER 10 WIND DIR 220 T SPD 07 KT VISIBILITY 7
CLOUD 7 AMOUNT 8 DRY 28.0 WET 25.0 DEPTH 5681 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.768	34.103	21.135	0.000
10	29.703	34.099	21.154	0.066
20	29.624	34.098	21.180	0.133
30	29.628	34.110	21.188	0.199
40	29.674	34.150	21.202	0.265
50	29.725	34.211	21.230	0.330
60	29.776	34.298	21.279	0.396
70	29.900	34.493	21.382	0.461
80	29.857	34.598	21.476	0.525
90	29.745	34.786	21.655	0.588
100	29.293	34.979	21.953	0.648
110	29.441	35.065	21.967	0.707
120	29.079	35.331	22.289	0.765
130	24.383	35.067	23.580	0.814
140	22.922	35.124	24.052	0.855
150	18.681	35.124	25.198	0.888
160	18.034	35.156	25.384	0.915
170	17.981	35.207	25.437	0.941
180	17.691	35.235	25.529	0.967
190	16.763	35.180	25.710	0.991
200	16.283	35.175	25.818	1.014
250	13.648	34.906	26.189	1.116
300	12.002	34.831	26.458	1.202
350	11.161	34.801	26.592	1.281
400	10.376	34.749	26.691	1.355
450	9.317	34.684	26.819	1.425
500	8.509	34.634	26.909	1.489
550	7.475	34.596	27.034	1.548
600	7.089	34.584	27.079	1.602
650	6.829	34.578	27.110	1.656
700	6.461	34.567	27.150	1.708
750	5.872	34.554	27.216	1.757
800	5.695	34.551	27.236	1.804
900	4.974	34.547	27.319	1.893
1000	4.573	34.553	27.370	1.976
1001	4.570	34.553	27.369	1.977

CAST TG3-94-DI -031 DATE 17 NOV 94 TIME 1013 GMT

LAT 01 00.1N LONG 179 54.0W



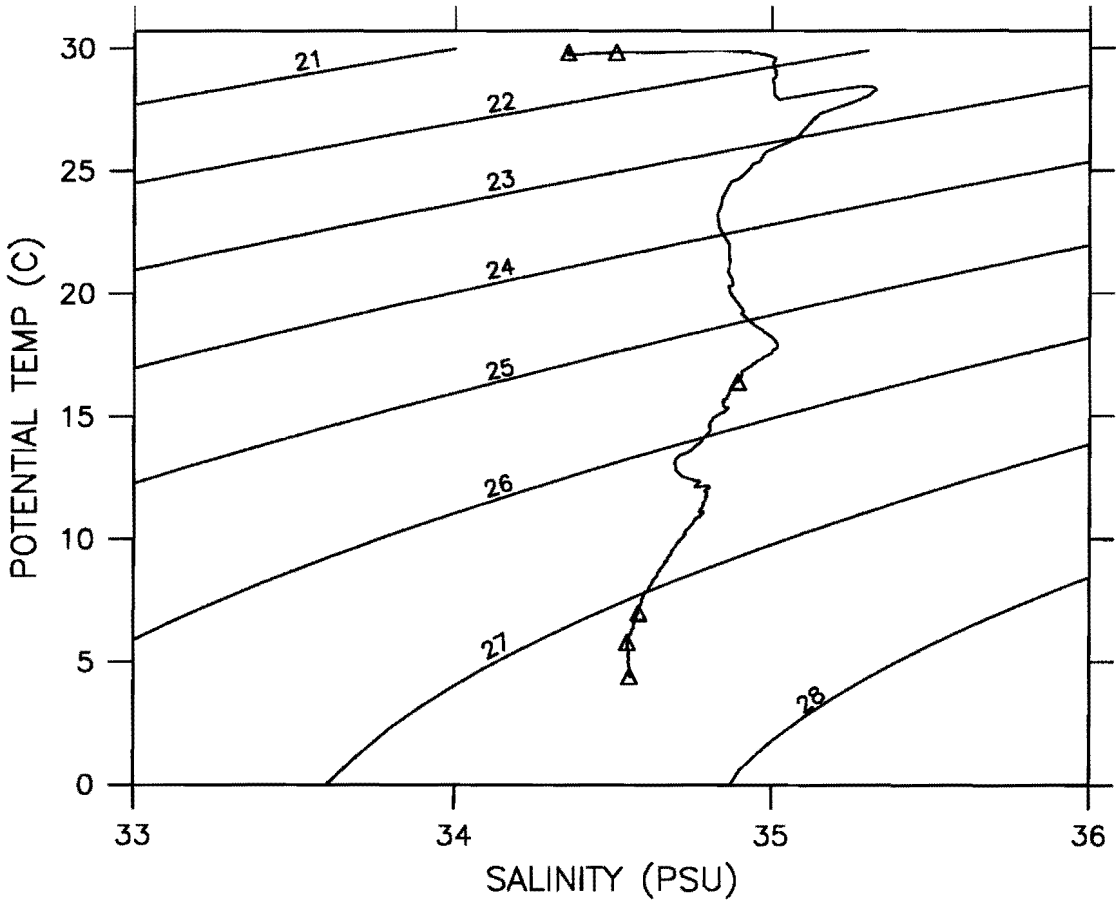


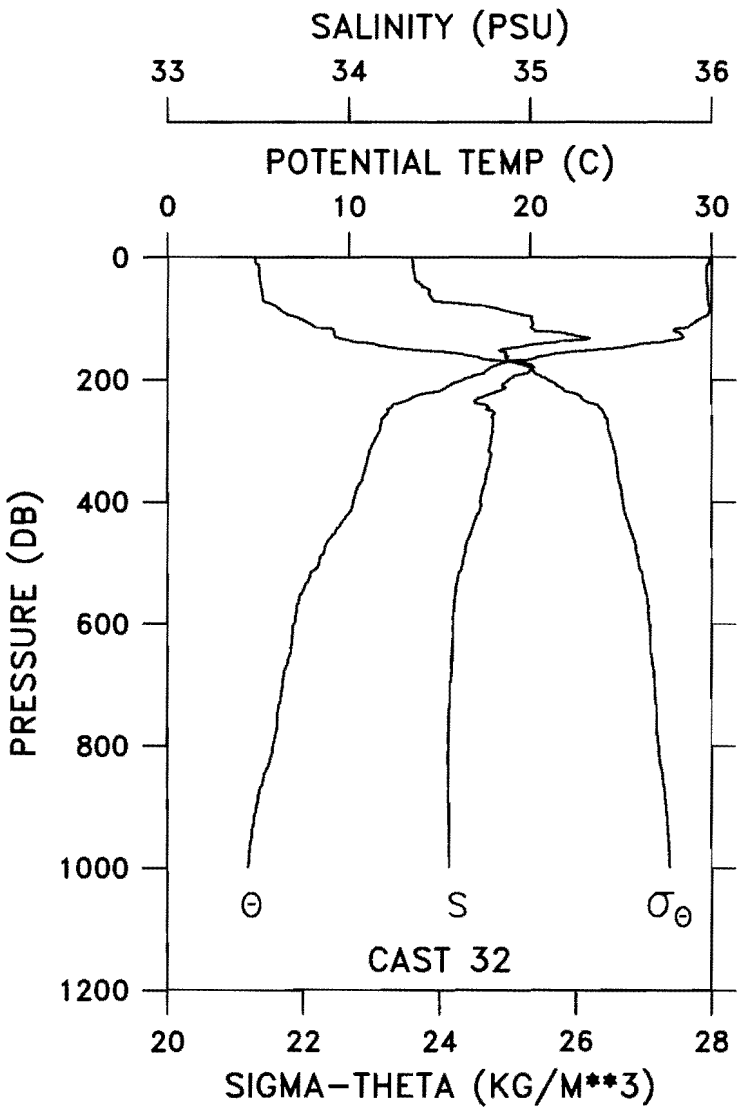
CAST TG3-94-DI -031 DATE 17 NOV 94 TIME 1013 GMT
LAT 01 00.1N LONG 179 54.0W WEATHER 2 SEA STATE 2
BAROMETER 12 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD 7 AMOUNT 8 DRY 28.2 WET 25.0 DEPTH 5739 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.954	34.346	21.254	0.000
10	29.933	34.360	21.272	0.065
20	29.912	34.368	21.285	0.130
30	29.907	34.371	21.289	0.195
40	29.895	34.373	21.295	0.260
50	29.893	34.392	21.309	0.326
60	29.890	34.414	21.327	0.390
70	29.873	34.455	21.363	0.455
80	29.671	34.913	21.775	0.519
90	29.411	35.057	21.971	0.578
100	29.146	35.046	22.052	0.637
110	28.765	35.105	22.223	0.694
120	28.773	35.400	22.443	0.750
130	25.391	35.081	23.285	0.801
140	21.788	34.955	24.244	0.842
150	19.473	35.006	24.905	0.877
160	17.963	35.069	25.335	0.906
170	17.784	35.133	25.428	0.932
180	17.633	35.186	25.506	0.958
190	16.551	35.175	25.756	0.982
200	15.976	35.092	25.825	1.005
250	12.400	34.733	26.305	1.104
300	11.512	34.792	26.520	1.186
350	10.966	34.775	26.607	1.264
400	10.435	34.746	26.679	1.337
450	9.680	34.696	26.769	1.408
500	8.077	34.626	26.969	1.472
550	7.290	34.591	27.056	1.528
600	6.994	34.580	27.089	1.582
650	6.764	34.573	27.115	1.635
700	6.477	34.565	27.147	1.686
750	5.970	34.553	27.204	1.736
800	5.778	34.549	27.225	1.783
900	5.092	34.551	27.309	1.875
1000	4.460	34.557	27.385	1.958
1005	4.430	34.555	27.386	1.962

CAST TG3-94-DI -032 DATE 17 NOV 94 TIME 1308 GMT

LAT 01 30.2N LONG 179 53.8W



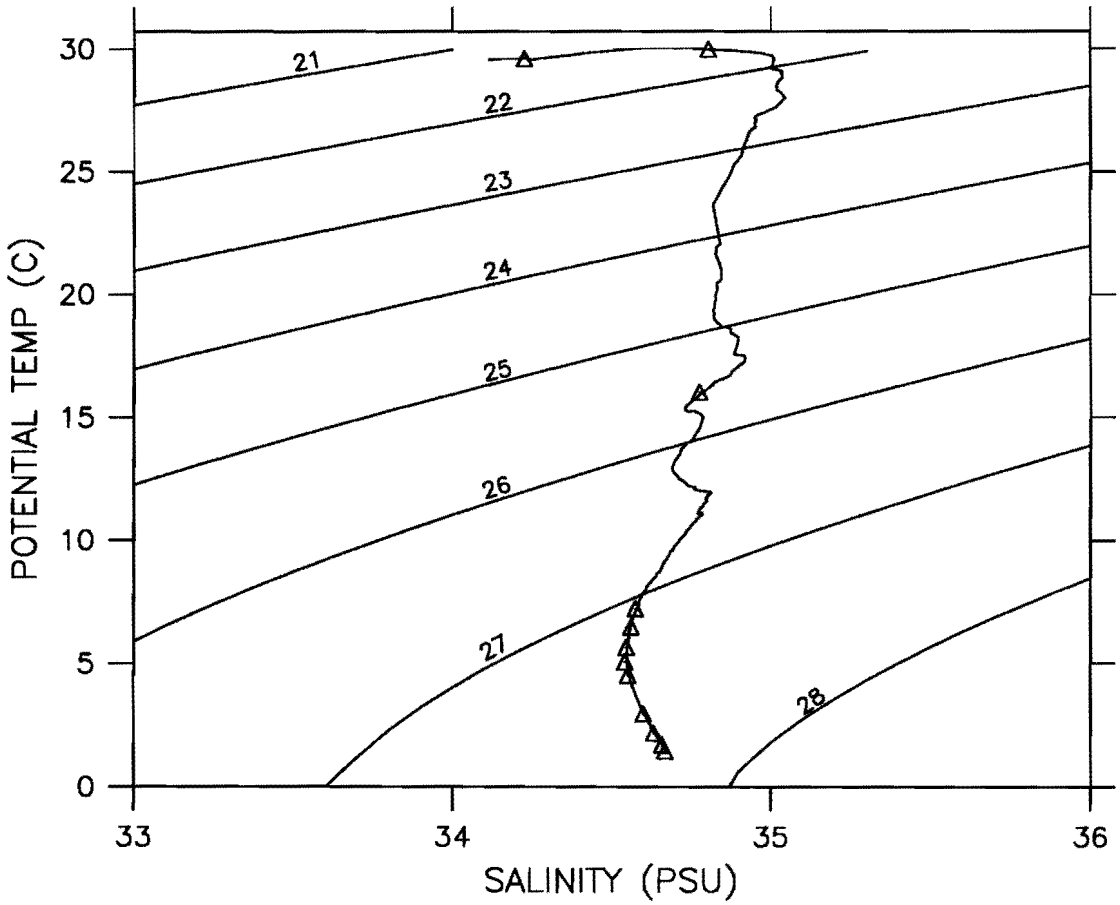


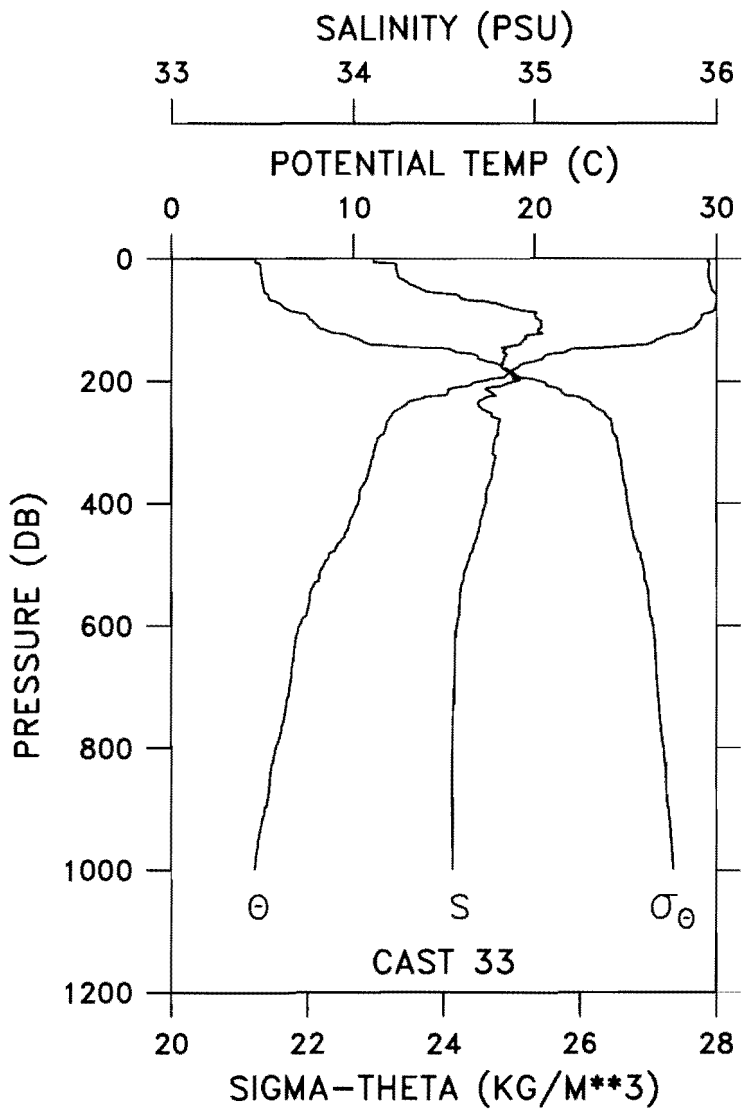
CAST TG3-94-DI -032 DATE 17 NOV 94 TIME 1308 GMT
LAT 01 30.2N LONG 179 53.8W WEATHER 2 SEA STATE 1
BAROMETER 10 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 28.0 WET 25.0 DEPTH 5565 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.878	34.349	21.282	0.000
10	29.845	34.353	21.297	0.065
20	29.714	34.355	21.342	0.130
30	29.716	34.361	21.346	0.194
40	29.740	34.384	21.355	0.259
50	29.782	34.428	21.374	0.323
60	29.770	34.443	21.389	0.387
70	29.793	34.466	21.398	0.452
80	29.874	34.767	21.597	0.515
90	29.844	34.894	21.702	0.577
100	29.408	35.004	21.932	0.637
110	28.888	35.013	22.114	0.695
120	27.925	35.029	22.443	0.752
130	28.454	35.291	22.467	0.806
140	26.332	35.077	22.990	0.858
150	23.921	34.844	23.549	0.906
160	20.894	34.861	24.418	0.945
170	18.944	34.923	24.978	0.978
180	17.800	35.016	25.334	1.006
190	17.325	34.965	25.411	1.033
200	16.307	34.882	25.587	1.058
250	12.151	34.788	26.396	1.161
300	11.408	34.783	26.532	1.242
350	10.853	34.761	26.617	1.318
400	10.231	34.725	26.698	1.392
450	9.252	34.673	26.822	1.460
500	8.365	34.629	26.927	1.523
550	7.428	34.590	27.036	1.581
600	6.970	34.575	27.089	1.635
650	6.734	34.569	27.116	1.688
700	6.325	34.561	27.164	1.738
750	6.055	34.551	27.191	1.788
800	5.797	34.551	27.224	1.836
900	4.890	34.549	27.331	1.926
1000	4.413	34.556	27.389	2.007
1003	4.393	34.555	27.391	2.009

CAST TG3-94-DI -033 DATE 17 NOV 94 TIME 1630 GMT

LAT 01 56.9N LONG 179 50.3W



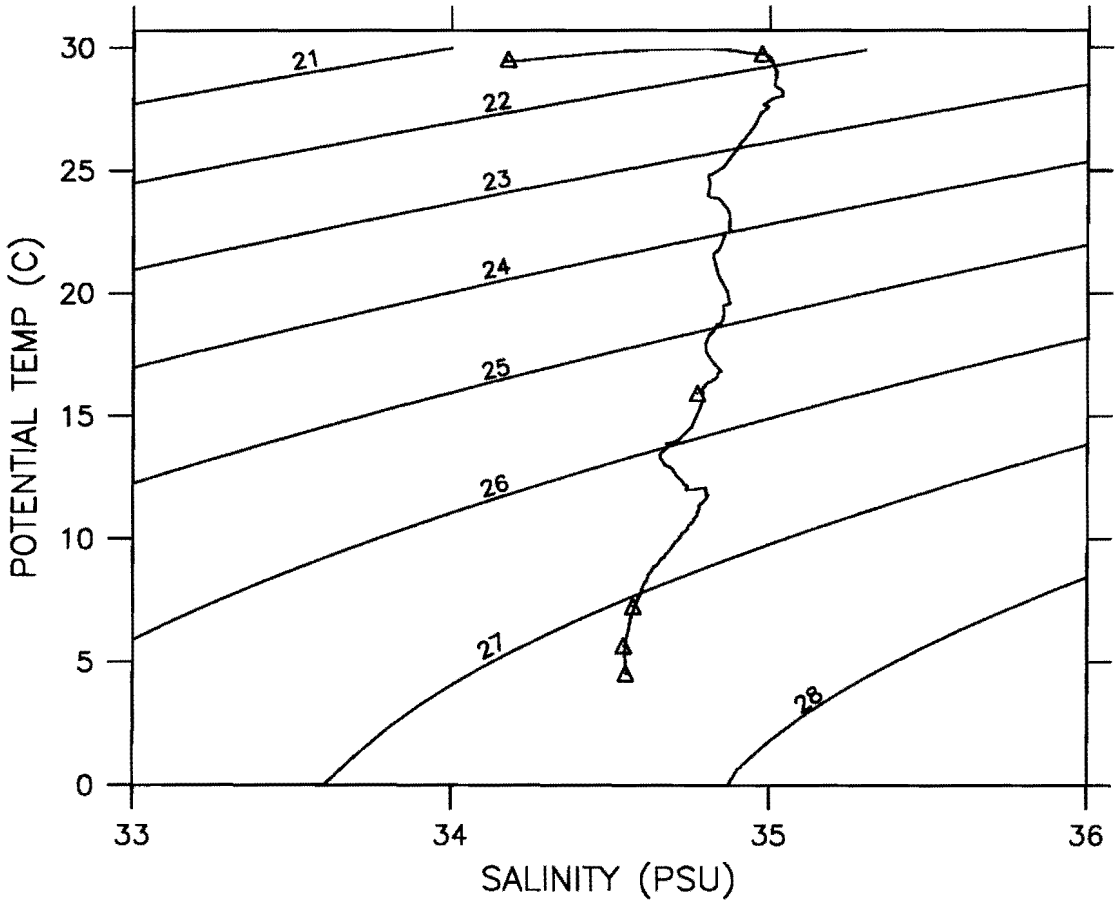


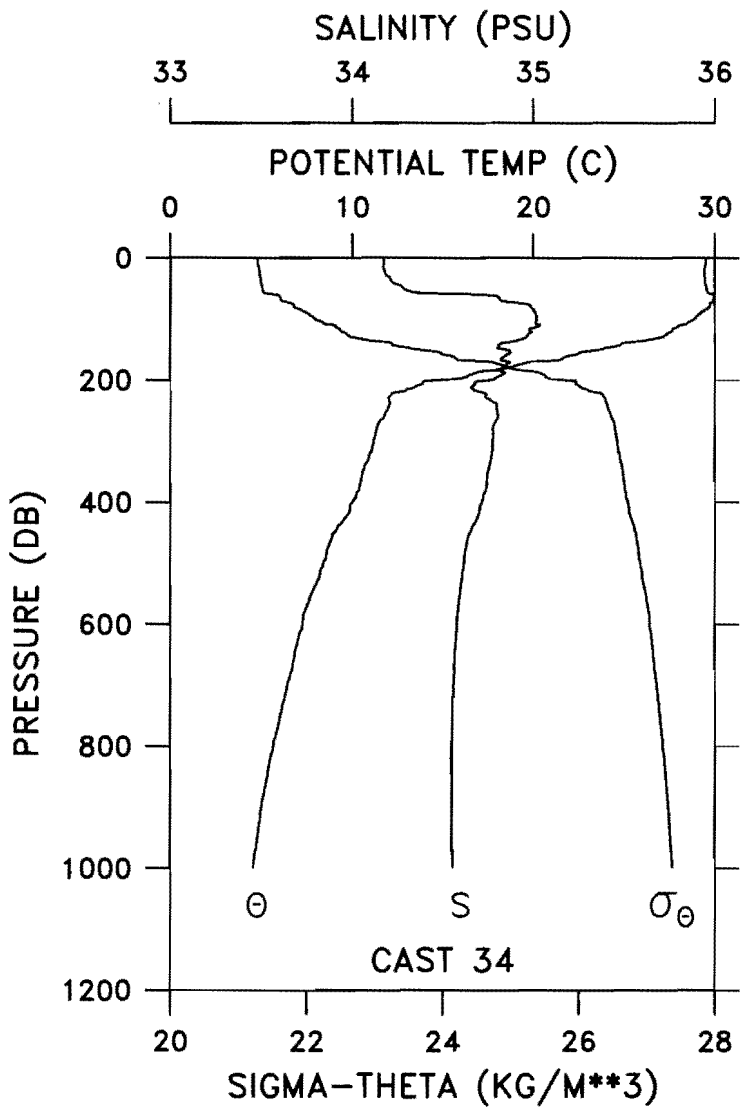
CAST TG3-94-DI -033 DATE 17 NOV 94 TIME 1630 GMT
LAT 01 56.9N LONG 179 50.3W WEATHER 1 SEA STATE 0
BAROMETER 08 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD 3 AMOUNT 5 DRY 27.8 WET 25.0 DEPTH 5592 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.542	34.114	21.220	0.000
10	29.596	34.235	21.292	0.065
20	29.565	34.237	21.304	0.130
30	29.560	34.248	21.314	0.195
40	29.645	34.305	21.328	0.260
50	29.738	34.375	21.349	0.325
60	30.008	34.584	21.414	0.389
70	30.022	34.741	21.527	0.453
80	29.933	34.862	21.648	0.515
90	29.313	35.004	21.964	0.576
100	29.106	35.027	22.051	0.635
110	28.838	35.034	22.146	0.692
120	28.244	35.027	22.338	0.749
130	26.918	34.950	22.708	0.802
140	26.190	34.920	22.916	0.853
150	21.790	34.831	24.149	0.896
160	20.514	34.837	24.502	0.932
170	19.587	34.823	24.736	0.967
180	18.884	34.830	24.922	0.998
190	18.442	34.875	25.068	1.028
200	17.020	34.893	25.428	1.057
250	12.229	34.739	26.343	1.164
300	11.300	34.779	26.549	1.245
350	10.844	34.766	26.622	1.321
400	10.277	34.732	26.695	1.394
450	9.549	34.687	26.784	1.463
500	8.404	34.631	26.923	1.528
550	7.628	34.591	27.007	1.587
600	7.053	34.575	27.077	1.643
650	6.737	34.564	27.112	1.696
700	6.500	34.560	27.140	1.747
750	6.202	34.554	27.174	1.798
800	5.739	34.551	27.231	1.846
900	5.119	34.550	27.304	1.937
1000	4.570	34.554	27.370	2.021
1500	2.975	34.601	27.569	2.375
2000	2.139	34.637	27.670	2.659
2500	1.681	34.661	27.725	2.905
3000	1.444	34.671	27.750	3.138
3004	1.444	34.671	27.750	3.139

CAST TG3-94-DI -034 DATE 17 NOV 94 TIME 2056 GMT

LAT 02 30.3N LONG 179 53.7W



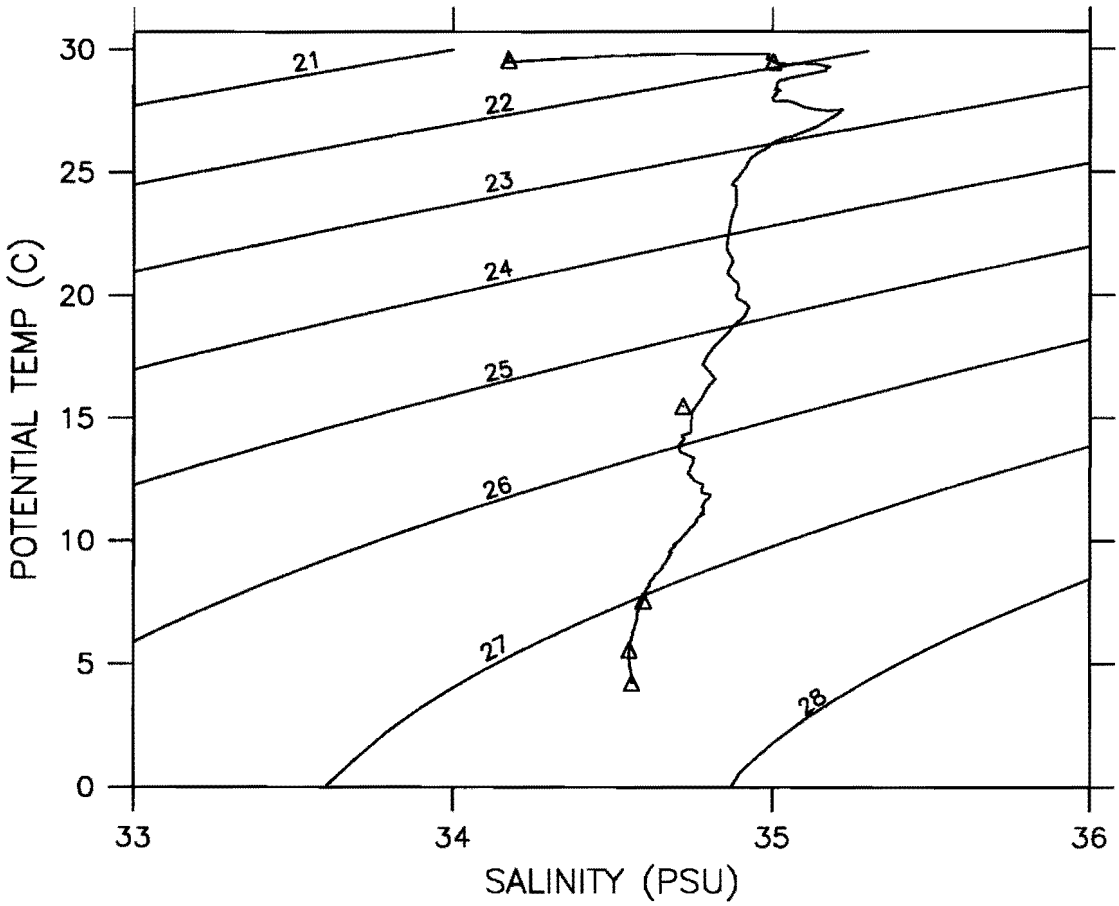


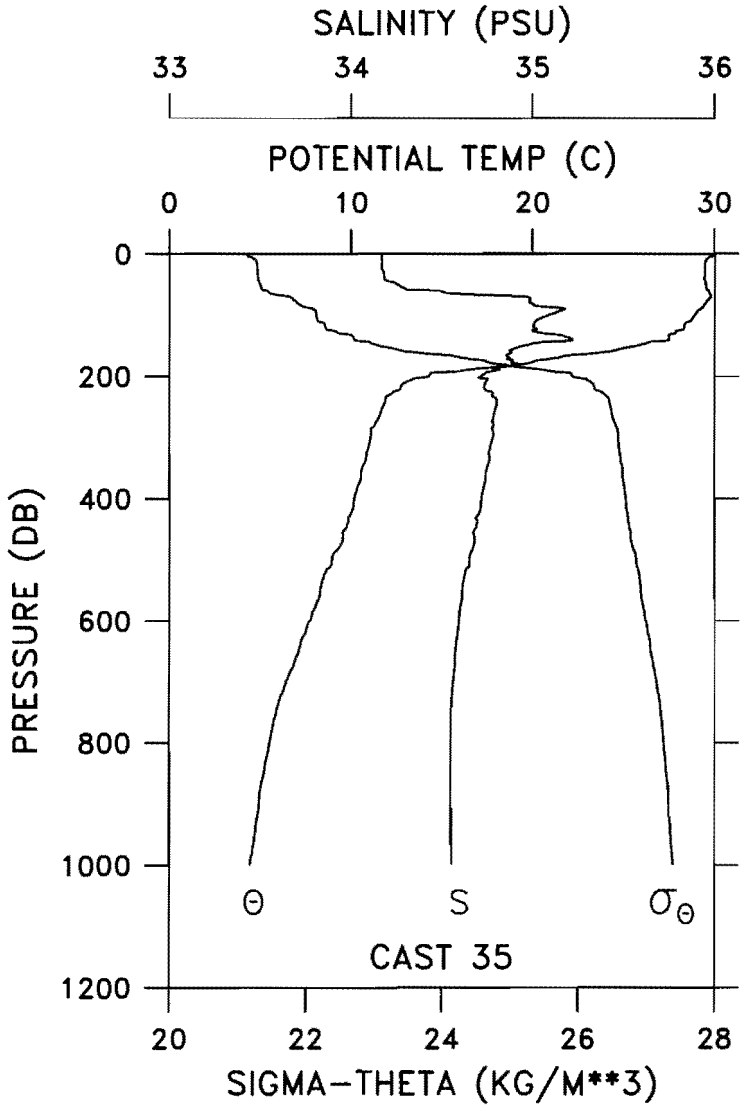
CAST TG3-94-DI -034 DATE 17 NOV 94 TIME 2056 GMT
LAT 02 30.3N LONG 179 53.7W WEATHER 1 SEA STATE 2
BAROMETER 11 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD 8 AMOUNT 6 DRY 29.5 WET 25.5 DEPTH 5242 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.513	34.173	21.274	0.000
10	29.500	34.172	21.278	0.065
20	29.440	34.176	21.300	0.130
30	29.446	34.194	21.312	0.195
40	29.461	34.219	21.325	0.260
50	29.545	34.282	21.345	0.324
60	29.910	34.690	21.527	0.389
70	29.922	34.827	21.626	0.451
80	29.708	34.984	21.816	0.512
90	29.218	35.011	22.002	0.571
100	28.874	35.016	22.121	0.629
110	28.009	35.038	22.422	0.685
120	27.653	34.983	22.497	0.740
130	27.047	34.960	22.675	0.793
140	24.876	34.821	23.245	0.842
150	23.608	34.854	23.648	0.888
160	21.935	34.846	24.120	0.928
170	19.803	34.868	24.714	0.965
180	18.536	34.826	25.007	0.996
190	16.603	34.835	25.482	1.024
200	14.556	34.755	25.880	1.049
250	11.884	34.803	26.458	1.139
300	11.173	34.777	26.571	1.218
350	10.573	34.750	26.658	1.292
400	10.016	34.717	26.729	1.364
450	8.989	34.651	26.847	1.432
500	8.418	34.619	26.912	1.495
550	7.778	34.598	26.991	1.555
600	7.279	34.579	27.048	1.611
650	6.845	34.568	27.100	1.665
700	6.413	34.561	27.152	1.717
750	6.021	34.556	27.199	1.767
800	5.657	34.549	27.240	1.814
900	4.995	34.550	27.319	1.903
1000	4.531	34.556	27.376	1.986
1002	4.512	34.555	27.377	1.988

CAST TG3-94-DI -035 DATE 17 NOV 94 TIME 2355 GMT

LAT 03 00.2N LONG 179 53.9W



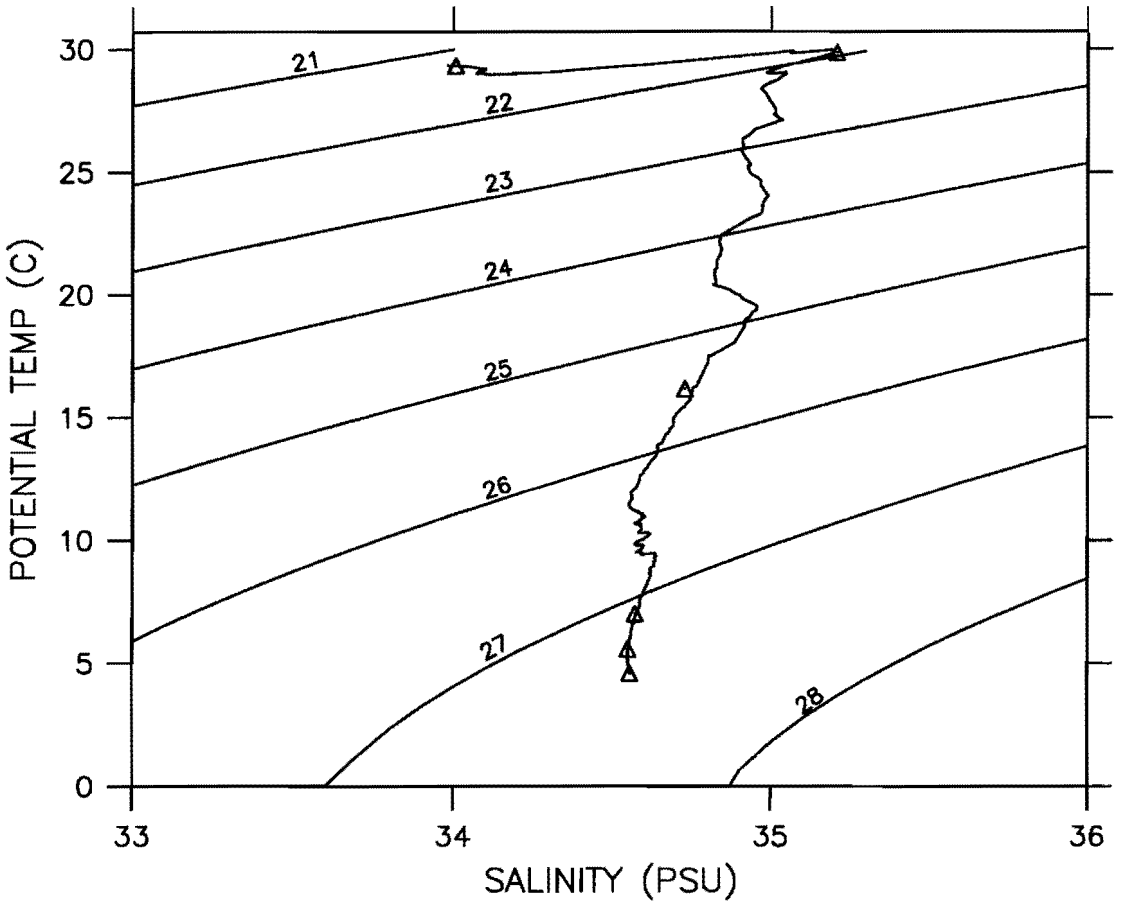


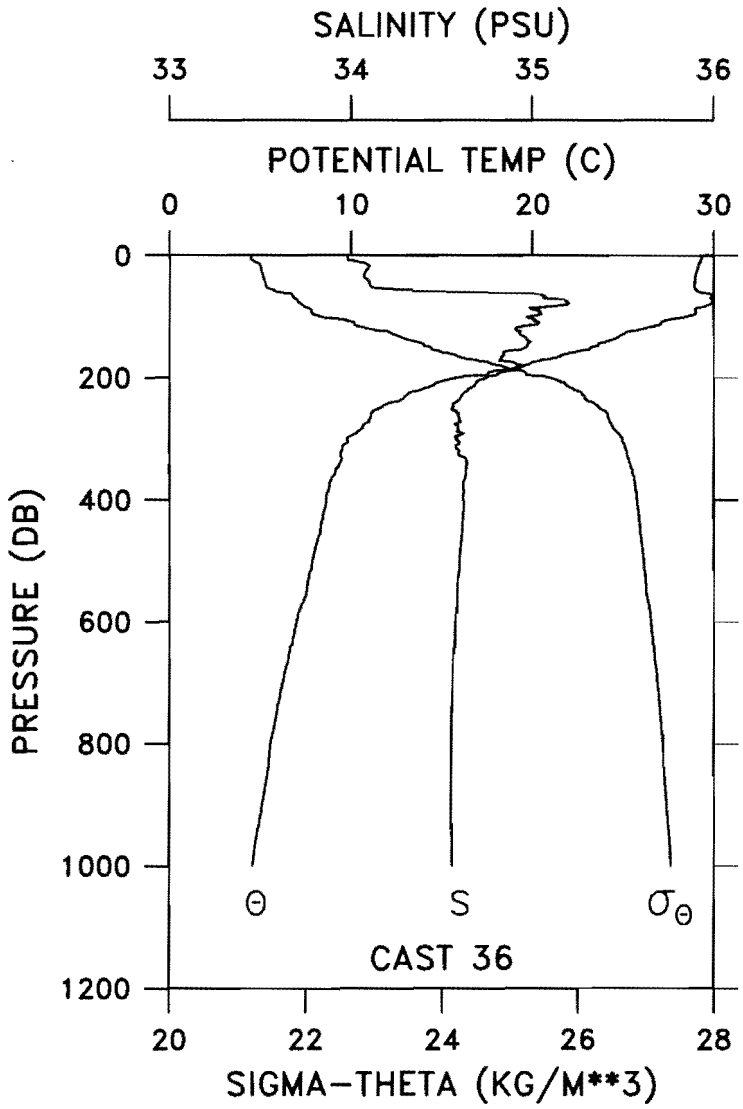
CAST TG3-94-DI -035 DATE 17 NOV 94 TIME 2355 GMT
LAT 03 00.2N LONG 179 53.9W WEATHER 1 SEA STATE 2
BAROMETER 09 WIND DIR 000 T SPD 00 KT VISIBILITY 8
CLOUD 8 AMOUNT 6 DRY 31.0 WET 27.3 DEPTH 5607 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.896	34.171	21.143	0.000
10	29.559	34.169	21.255	0.066
20	29.478	34.170	21.283	0.131
30	29.480	34.180	21.290	0.196
40	29.459	34.184	21.300	0.261
50	29.531	34.254	21.328	0.326
60	29.676	34.448	21.425	0.391
70	29.805	34.965	21.769	0.454
80	29.554	34.986	21.869	0.514
90	29.256	35.181	22.116	0.573
100	28.920	35.088	22.159	0.630
110	28.707	35.019	22.178	0.687
120	28.340	35.007	22.290	0.743
130	27.833	35.065	22.500	0.798
140	27.531	35.220	22.715	0.850
150	25.785	34.954	23.067	0.900
160	24.210	34.886	23.494	0.947
170	21.345	34.875	24.306	0.987
180	19.516	34.926	24.833	1.021
190	16.292	34.799	25.527	1.049
200	14.285	34.715	25.908	1.072
250	11.746	34.800	26.483	1.160
300	11.073	34.782	26.593	1.237
350	10.615	34.750	26.651	1.312
400	10.191	34.721	26.702	1.384
450	9.675	34.685	26.761	1.455
500	8.955	34.654	26.855	1.521
550	8.309	34.615	26.925	1.584
600	7.755	34.596	26.993	1.644
650	7.127	34.576	27.068	1.700
700	6.399	34.563	27.156	1.752
750	5.866	34.553	27.216	1.801
800	5.480	34.549	27.261	1.848
900	4.903	34.550	27.330	1.935
1000	4.406	34.559	27.393	2.016
1048	4.228	34.561	27.413	2.053

CAST TG3-94-DI -036 DATE 18 NOV 94 TIME 0429 GMT

LAT 03 59.8N LONG 179 53.8W



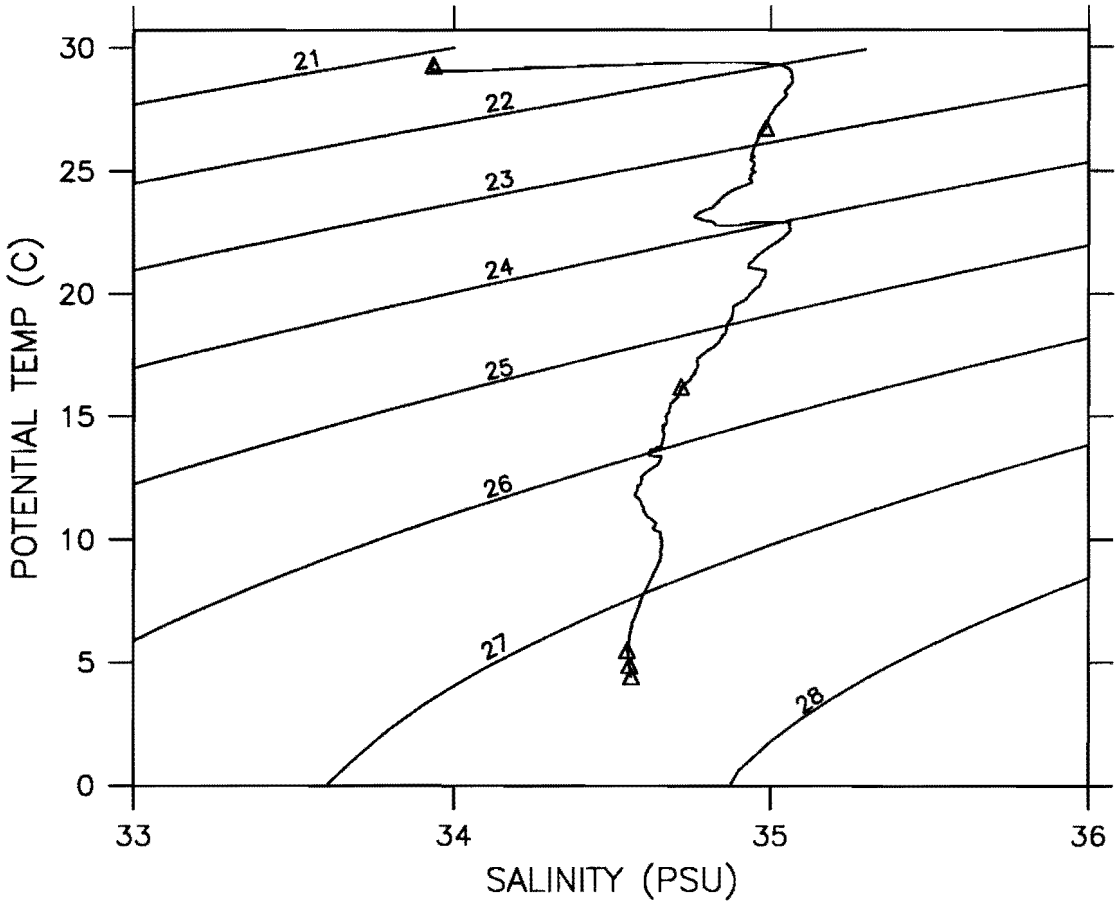


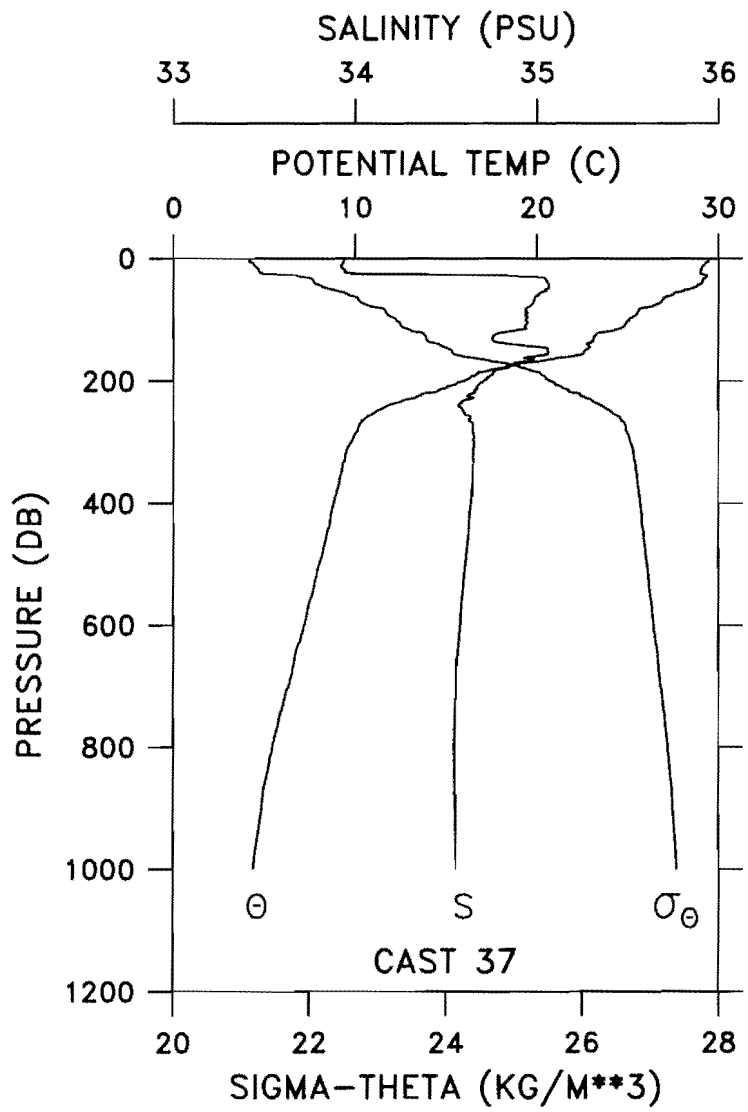
CAST TG3-94-DI -036 DATE 18 NOV 94 TIME 0429 GMT
LAT 03 59.8N LONG 179 53.8W WEATHER 1 SEA STATE 1
BAROMETER 08 WIND DIR 275 T SPD 05 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 31.3 WET 26.1 DEPTH 5703 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.339	33.983	21.190	0.000
10	29.298	34.035	21.243	0.066
20	29.152	34.098	21.338	0.131
30	29.040	34.075	21.359	0.195
40	28.995	34.091	21.386	0.259
50	28.949	34.107	21.413	0.323
60	29.293	34.537	21.620	0.387
70	29.819	35.063	21.837	0.447
80	29.788	35.194	21.946	0.507
90	29.018	35.035	22.087	0.565
100	28.468	34.975	22.224	0.623
110	27.102	35.034	22.713	0.676
120	26.085	34.912	22.942	0.727
130	24.908	34.937	23.323	0.775
140	24.153	34.983	23.585	0.820
150	23.264	34.964	23.832	0.862
160	21.967	34.840	24.107	0.903
170	20.816	34.821	24.409	0.940
180	19.535	34.957	24.852	0.973
190	17.724	34.843	25.220	1.003
200	15.759	34.747	25.609	1.030
250	11.546	34.553	26.328	1.133
300	9.777	34.576	26.659	1.212
350	9.152	34.633	26.806	1.281
400	8.629	34.617	26.877	1.344
450	8.320	34.610	26.919	1.405
500	7.860	34.597	26.978	1.465
550	7.561	34.586	27.013	1.522
600	6.987	34.574	27.085	1.577
650	6.594	34.565	27.131	1.629
700	6.201	34.559	27.178	1.679
750	5.888	34.553	27.214	1.728
800	5.535	34.550	27.255	1.774
900	5.071	34.549	27.310	1.864
1000	4.558	34.556	27.373	1.947
1000	4.558	34.556	27.373	1.947

CAST TG3-94-DI -037 DATE 18 NOV 94 TIME 0943 GMT

LAT 05 03.2N LONG 179 52.7W



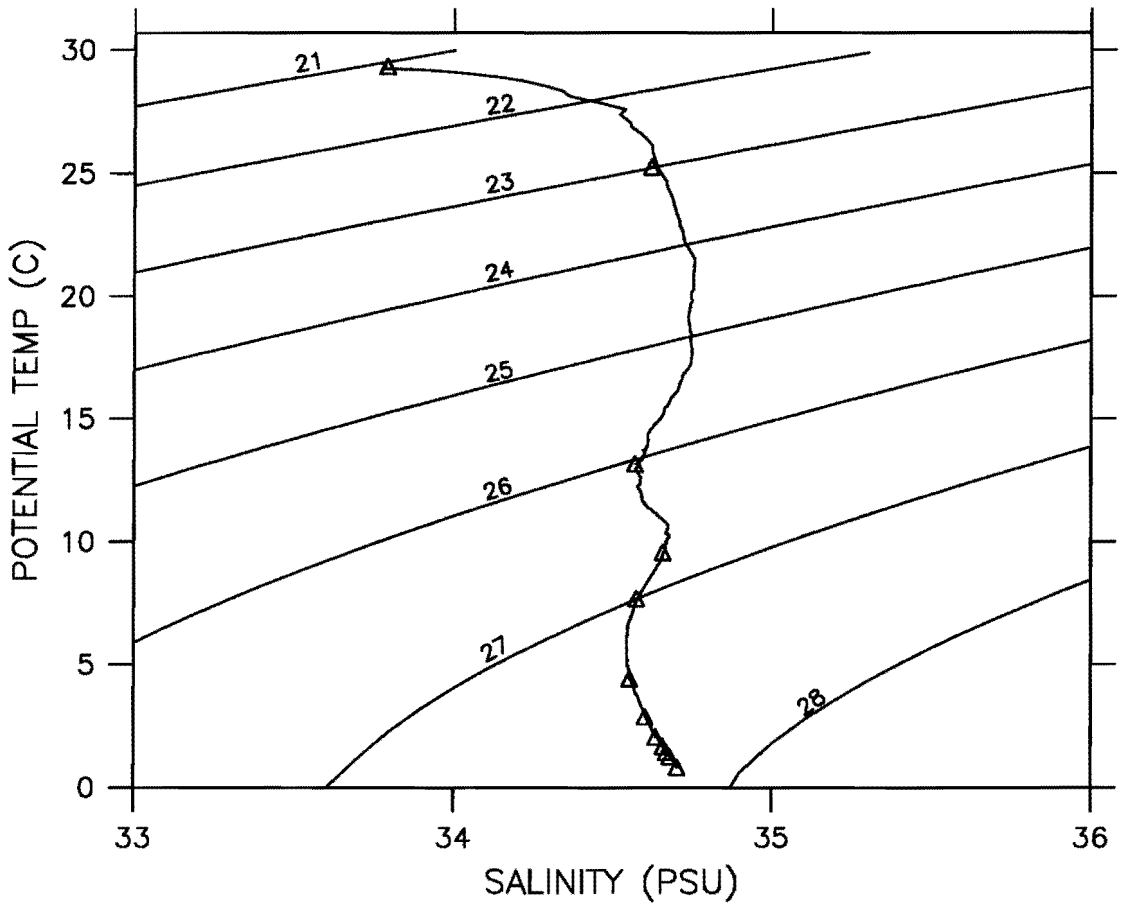


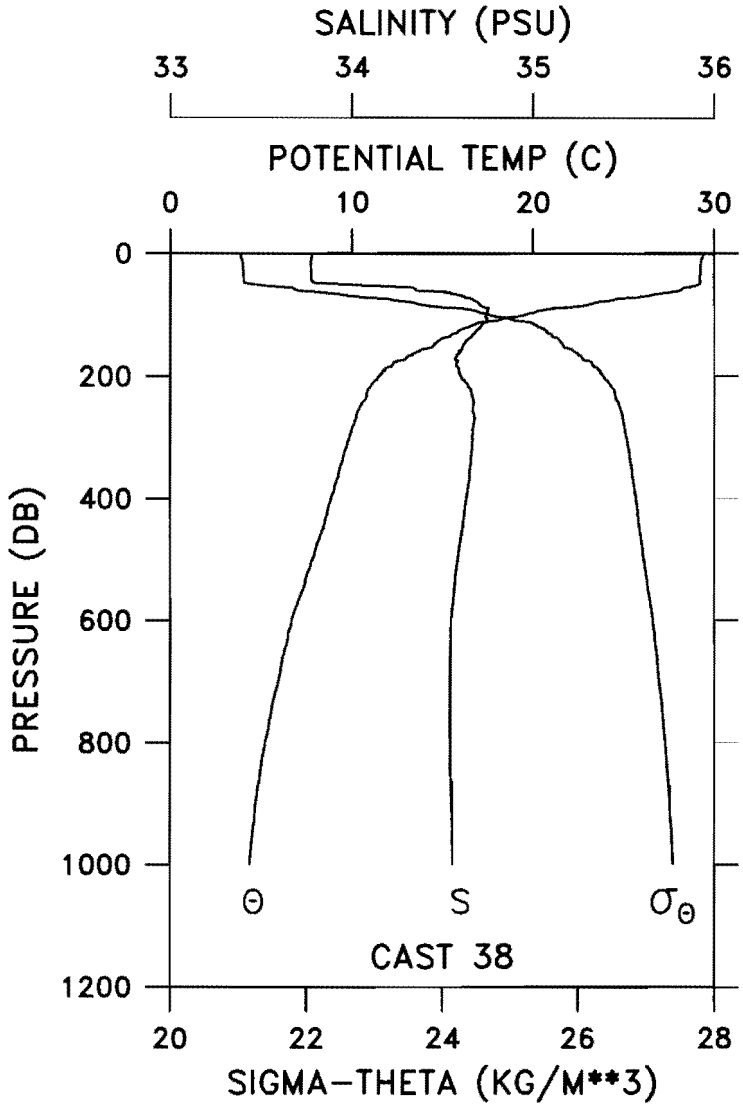
CAST TG3-94-DI -037 DATE 18 NOV 94 TIME 0943 GMT
LAT 05 03.2N LONG 179 52.7W WEATHER 1 SEA STATE 2
BAROMETER 10 WIND DIR 000 T SPD 00 KT VISIBILITY 8
CLOUD 0 AMOUNT 4 DRY 28.8 WET 24.8 DEPTH 5674 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.454	33.942	21.120	0.000
10	29.256	33.931	21.179	0.066
20	29.051	33.946	21.258	0.132
30	29.371	34.923	21.884	0.195
40	29.078	35.059	22.084	0.253
50	28.405	35.056	22.305	0.310
60	27.430	35.008	22.588	0.363
70	26.879	34.983	22.745	0.415
80	25.968	34.947	23.005	0.466
90	25.540	34.945	23.137	0.514
100	25.093	34.941	23.270	0.561
110	24.844	34.936	23.342	0.607
120	23.706	34.832	23.603	0.651
130	23.134	34.758	23.713	0.694
140	22.754	34.866	23.904	0.736
150	22.651	35.060	24.081	0.776
160	21.857	34.991	24.252	0.814
170	19.476	34.882	24.810	0.848
180	17.797	34.817	25.182	0.878
190	16.675	34.754	25.403	0.905
200	15.995	34.711	25.528	0.931
250	11.173	34.596	26.430	1.034
300	9.808	34.655	26.715	1.108
350	9.265	34.652	26.803	1.175
400	8.854	34.639	26.859	1.239
450	8.480	34.625	26.907	1.302
500	8.058	34.609	26.958	1.362
550	7.668	34.593	27.004	1.420
600	7.232	34.581	27.056	1.476
650	6.719	34.565	27.115	1.530
700	6.370	34.558	27.156	1.581
750	5.860	34.551	27.215	1.630
800	5.480	34.548	27.260	1.676
900	4.880	34.552	27.334	1.763
1000	4.425	34.558	27.389	1.844
1001	4.424	34.557	27.389	1.845

CAST TG3-94-DI -038 DATE 19 NOV 94 TIME 0512 GMT

LAT 08 00.5N LONG 179 50.2W





CAST TG3-94-DI -038 DATE 19 NOV 94 TIME 0512 GMT
LAT 08 00.5N LONG 179 50.2W WEATHER 1 SEA STATE 0
BAROMETER 07 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 36.3 WET 28.1 DEPTH 5865 M

PRES (DB)	POT TEMP (C)	SAL (PSU)	SIG-TH	DELTA-D (DYN-M)
0	29.370	33.782	21.029	0.000
10	29.293	33.777	21.050	0.067
20	29.250	33.776	21.065	0.135
30	29.235	33.776	21.069	0.202
40	29.228	33.778	21.073	0.269
50	29.175	33.921	21.198	0.336
60	28.156	34.355	21.861	0.398
70	26.112	34.622	22.715	0.454
80	23.460	34.697	23.572	0.501
90	21.030	34.754	24.300	0.542
100	19.560	34.743	24.682	0.577
110	17.864	34.748	25.113	0.607
120	16.496	34.712	25.413	0.634
130	15.764	34.680	25.556	0.659
140	14.907	34.641	25.716	0.683
150	14.536	34.615	25.777	0.706
160	13.713	34.602	25.940	0.728
170	13.017	34.574	26.060	0.748
180	12.281	34.576	26.206	0.767
190	11.795	34.589	26.309	0.785
200	11.514	34.600	26.371	0.802
250	10.459	34.670	26.615	0.881
300	9.874	34.665	26.712	0.952
350	9.344	34.652	26.790	1.020
400	8.859	34.633	26.853	1.084
450	8.426	34.611	26.904	1.147
500	7.849	34.586	26.971	1.207
550	7.330	34.566	27.031	1.263
600	6.686	34.549	27.106	1.317
650	6.292	34.546	27.157	1.368
700	5.956	34.542	27.197	1.417
750	5.562	34.543	27.246	1.464
800	5.229	34.546	27.288	1.509
900	4.708	34.551	27.352	1.594
1000	4.368	34.558	27.396	1.673
1500	2.839	34.606	27.585	2.014
2000	2.053	34.639	27.679	2.289
2500	1.675	34.661	27.725	2.533
3000	1.446	34.673	27.752	2.766
3500	1.253	34.682	27.772	2.990
4000	1.086	34.691	27.791	3.209
4500	0.940	34.699	27.808	3.422
5000	0.878	34.703	27.815	3.635
5707	0.840	34.705	27.819	3.947

CAST TG3-94-DI -001 LAT 08 00.0N LONG 169 56.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	29.182	34.254	0.00	29.180	21.446
74.	22.579	35.091	0.00	22.564	24.129
150.	11.360	34.557	0.00	11.342	26.369
300.	9.544	34.661	0.00	9.510	26.770
400.	8.686	34.622	0.00	8.643	26.879
500.	7.711	34.575	0.00	7.661	26.990
798.	5.413	34.544	0.00	5.345	27.273
1000.	4.503	34.559	0.00	4.424	27.391
1498.	2.968	34.604	0.00	2.861	27.582
2500.	1.865	34.661	0.00	1.687	27.724

CAST TG3-94-DI -002 LAT 05 02.8N LONG 169 57.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	29.401	33.580	0.00	29.399	20.867
73.	28.125	34.704	0.00	28.107	22.139
200.	12.619	34.603	0.00	12.592	26.167
600.	7.133	34.570	0.00	7.075	27.070
800.	5.612	34.542	0.00	5.543	27.248
999.	4.643	34.556	0.00	4.562	27.372

CAST TG3-94-DI -003 LAT 03 59.9N LONG 170 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	29.860	34.716	0.00	29.858	21.564
75.	28.857	35.119	0.00	28.839	22.210
201.	12.130	34.580	0.00	12.104	26.243
595.	7.149	34.576	0.00	7.091	27.073
800.	5.469	34.545	0.00	5.401	27.267
1002.	4.680	34.555	0.00	4.599	27.368

CAST TG3-94-DI -005 LAT 02 29.8N LONG 170 00.1W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	30.268	34.961	0.00	30.265	21.608
76.	28.855	35.001	0.00	28.836	22.122
200.	11.921	34.645	0.00	11.895	26.334
600.	7.690	34.592	0.00	7.630	27.008
799.	5.589	34.545	0.00	5.520	27.253
1000.	4.539	34.555	0.00	4.459	27.383

CAST TG3-94-DI -006 LAT 02 00.0N LONG 170 01.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	30.300	34.912	0.00	30.297	21.561
75.	27.826	35.007	0.00	27.809	22.464
201.	12.437	34.677	0.00	12.411	26.260
600.	7.336	34.577	0.00	7.277	27.047
800.	5.568	34.543	0.00	5.499	27.254
997.	4.488	34.553	0.00	4.409	27.387

CAST TG3-94-DI -007 LAT 01 30.1N LONG 170 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	30.371	34.935	0.00	30.369	21.554
74.	29.050	35.356	0.00	29.032	22.323
199.	13.496	34.671	0.00	13.468	26.043
598.	7.157	34.576	0.00	7.099	27.072
798.	5.535	34.542	0.00	5.466	27.257
1001.	4.593	34.552	0.00	4.513	27.375

CAST TG3-94-DI -008 LAT 01 00.2N LONG 169 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	30.362	35.084	0.00	30.359	21.668
74.	29.257	35.321	0.00	29.239	22.228
200.	13.740	34.891	0.00	13.711	26.164
599.	7.017	34.582	0.00	6.959	27.096
769.	5.865	34.554	0.00	5.797	27.226
1003.	4.494	34.558	0.00	4.414	27.391

CAST TG3-94-DI -009 LAT 00 29.8N LONG 169 59.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
8.	30.292	35.089	0.00	30.290	21.696
75.	29.481	35.296	0.00	29.463	22.133
199.	13.973	34.988	0.00	13.944	26.190
600.	7.231	34.589	0.00	7.173	27.071
799.	5.714	34.551	0.00	5.644	27.243
1002.	4.672	34.554	0.00	4.591	27.368

CAST TG3-94-DI -010 LAT 00 05.1S LONG 170 02.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	30.353	35.089	0.00	30.350	21.676
74.	29.745	35.228	0.00	29.727	21.992
149.	18.333	35.038	0.00	18.308	25.226
200.	14.858	35.116	0.00	14.827	26.100
399.	9.618	34.698	0.00	9.573	26.788
597.	7.136	34.585	0.00	7.078	27.081
801.	5.629	34.549	0.00	5.560	27.251
999.	4.711	34.553	0.00	4.630	27.363
1498.	3.212	34.598	0.00	3.102	27.555
1999.	2.301	34.641	0.00	2.160	27.671
2500.	1.853	34.662	0.00	1.675	27.726
3003.	1.705	34.673	0.00	1.483	27.749

CAST TG3-94-DI -011 LAT 00 29.9S LONG 169 59.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	30.431	35.055	0.00	30.428	21.623
75.	29.769	35.201	0.00	29.750	21.964
199.	14.503	35.100	0.00	14.474	26.164
601.	7.333	34.594	0.00	7.274	27.061
798.	5.912	34.551	0.00	5.841	27.218
991.	4.673	34.550	0.00	4.593	27.365

CAST TG3-94-DI -012 LAT 00 59.7S LONG 169 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	30.406	35.099	0.00	30.403	21.665
75.	29.824	35.200	0.00	29.805	21.945
149.	19.053	35.366	0.00	19.026	25.296
298.	11.925	34.846	0.00	11.886	26.492
499.	8.184	34.614	0.00	8.132	26.951
1000.	4.584	34.551	0.00	4.504	27.375
2001.	2.324	34.635	0.00	2.182	27.664
2500.	1.879	34.661	0.00	1.701	27.723
3500.	1.541	34.679	0.00	1.274	27.769
5052.	1.256	34.702	0.00	0.823	27.817

CAST TG3-94-DI -013 LAT 01 30.2S LONG 169 59.6W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	30.360	34.950	0.00	30.358	21.568
75.	29.731	35.252	0.00	29.713	22.016
150.	19.745	35.677	0.00	19.718	25.354
200.	13.741	35.047	0.00	13.712	26.284
399.	9.754	34.715	0.00	9.708	26.780
602.	7.361	34.590	0.00	7.302	27.054
800.	5.877	34.554	0.00	5.806	27.225
1000.	4.516	34.555	0.00	4.437	27.386
1500.	3.052	34.599	0.00	2.944	27.570
2000.	2.396	34.637	0.00	2.254	27.661
2499.	1.881	34.661	0.00	1.703	27.723
3004.	1.644	34.674	0.00	1.424	27.754

CAST TG3-94-DI -014 LAT 02 10.1S LONG 170 04.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	30.216	35.212	0.00	30.213	21.815
76.	29.023	35.378	0.00	29.004	22.349
150.	26.019	35.738	0.00	25.986	23.597
501.	8.977	34.670	0.00	8.922	26.873
1000.	4.542	34.550	0.00	4.462	27.379
1501.	2.945	34.603	0.00	2.838	27.583
1999.	2.252	34.638	0.00	2.112	27.672
2500.	1.838	34.664	0.00	1.661	27.729
3002.	1.631	34.673	0.00	1.411	27.754
3498.	1.478	34.685	0.00	1.213	27.778
4853.	1.243	34.704	0.00	0.835	27.818

CAST TG3-94-DI -015 LAT 02 30.1S LONG 170 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	30.187	35.339	0.00	30.185	21.920
73.	29.101	35.384	0.00	29.083	22.327
201.	12.277	34.889	0.00	12.250	26.456
599.	7.944	34.613	0.00	7.882	26.988
799.	5.813	34.535	0.00	5.742	27.218
1002.	4.648	34.535	0.00	4.568	27.356

CAST TG3-94-DI -016 LAT 03 00.0S LONG 170 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.975	35.392	0.00	29.973	22.032
74.	29.351	35.411	0.00	29.333	22.264
205.	13.370	35.078	0.00	13.342	26.385
599.	7.268	34.578	0.00	7.209	27.058
800.	5.710	34.538	0.00	5.640	27.233
999.	4.474	34.534	0.00	4.395	27.374

CAST TG3-94-DI -017 LAT 04 00.2S LONG 170 00.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.973	35.499	0.00	29.971	22.113
75.	28.805	35.414	0.00	28.787	22.448
202.	16.045	35.336	0.00	16.013	26.004
600.	7.367	34.587	0.00	7.308	27.051
800.	5.694	34.536	0.00	5.625	27.233
1000.	4.692	34.527	0.00	4.611	27.344

CAST TG3-94-DI -018 LAT 04 57.1S LONG 169 59.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
8.	29.906	35.412	0.00	29.904	22.070
72.	28.922	35.412	0.00	28.905	22.408
200.	15.198	35.239	0.00	15.167	26.120
396.	9.385	34.680	0.00	9.341	26.813
601.	7.307	34.577	0.00	7.248	27.051
799.	5.933	34.536	0.00	5.862	27.204
1000.	4.782	34.523	0.00	4.700	27.331
1499.	2.959	34.582	0.00	2.851	27.565
1998.	2.211	34.625	0.00	2.072	27.665
2499.	1.873	34.648	0.00	1.695	27.713
3002.	1.647	34.663	0.00	1.427	27.745

CAST TG3-94-DI -019 LAT 07 56.8S LONG 170 01.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.780	35.226	0.00	29.777	21.974
75.	29.322	35.312	0.00	29.304	22.199
149.	25.832	36.262	0.00	25.799	24.051
300.	13.191	34.970	0.00	13.149	26.340
501.	7.769	34.585	0.00	7.718	26.990
1000.	4.389	34.517	0.00	4.310	27.369
1501.	2.922	34.578	0.00	2.815	27.565
2001.	2.220	34.623	0.00	2.080	27.663
2499.	1.836	34.651	0.00	1.659	27.718
2999.	1.627	34.663	0.00	1.407	27.746
3500.	1.509	34.671	0.00	1.243	27.764
5099.	1.186	34.691	0.00	0.750	27.814

CAST TG3-94-DI -020 LAT 08 00.0S LONG 179 59.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	30.119	34.893	0.00	30.117	21.609
74.	29.583	35.249	0.00	29.565	22.063
150.	26.569	35.956	0.00	26.535	23.588
299.	13.134	35.002	0.00	13.092	26.376
500.	7.774	34.598	0.00	7.723	26.999
1002.	4.509	34.525	0.00	4.429	27.363
1499.	2.896	34.594	0.00	2.790	27.580
2002.	2.201	34.636	0.00	2.062	27.675
2499.	1.847	34.662	0.00	1.670	27.727
2998.	1.672	34.671	0.00	1.451	27.749
3502.	1.525	34.683	0.00	1.258	27.773
5303.	1.287	34.704	0.00	0.823	27.819

CAST TG3-94-DI -022 LAT 04 00.0S LONG 179 54.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	30.390	34.676	0.00	30.388	21.353
75.	30.464	35.135	0.00	30.445	21.677
301.	10.958	34.819	0.00	10.921	26.650
776.	5.730	34.540	0.00	5.663	27.231
891.	5.003	34.541	0.00	4.929	27.320
894.	4.998	34.545	0.00	4.924	27.324

CAST TG3-94-DI -023 LAT 03 00.0S LONG 179 54.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	30.345	34.623	0.00	30.342	21.329
75.	30.130	35.226	0.00	30.111	21.860
200.	16.998	35.399	0.00	16.965	25.830
549.	7.739	34.601	0.00	7.684	27.007
799.	5.617	34.543	0.00	5.548	27.248
1000.	4.666	34.532	0.00	4.586	27.351

CAST TG3-94-DI -025 LAT 01 56.2S LONG 179 53.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
8.	30.182	34.735	0.00	30.180	21.468
75.	30.138	35.237	0.00	30.119	21.866
150.	26.335	35.485	0.00	26.301	23.307
301.	11.165	34.805	0.00	11.128	26.601
500.	8.994	34.665	0.00	8.939	26.866
1001.	4.489	34.552	0.00	4.409	27.387
1502.	3.043	34.596	0.00	2.934	27.568
2002.	2.280	34.636	0.00	2.140	27.669
2501.	1.864	34.658	0.00	1.686	27.722
3001.	1.668	34.670	0.00	1.448	27.749
3502.	1.531	34.678	0.00	1.264	27.769
5101.	1.250	34.703	0.00	0.812	27.819

CAST TG3-94-DI -026 LAT 01 30.1S LONG 179 53.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	30.083	34.346	0.00	30.080	21.211
75.	30.137	35.234	0.00	30.119	21.864
200.	16.622	35.296	0.00	16.590	25.839
600.	6.920	34.563	0.00	6.863	27.094
800.	5.829	34.535	0.00	5.758	27.216
998.	4.534	34.546	0.00	4.454	27.377

CAST TG3-94-DI -027 LAT 00 59.8S LONG 179 53.4W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	29.799	34.237	0.00	29.796	21.226
75.	30.309	34.993	0.00	30.290	21.624
200.	16.882	35.298	0.00	16.849	25.780
606.	7.139	34.578	0.00	7.080	27.075
801.	5.818	34.543	0.00	5.747	27.223
998.	4.576	34.548	0.00	4.496	27.374

CAST TG3-94-DI -028 LAT 00 29.8S LONG 179 53.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	29.810	34.190	0.00	29.808	21.187
74.	29.996	34.597	0.00	29.977	21.435
198.	16.914	35.338	0.00	16.882	25.802
600.	7.100	34.582	0.00	7.042	27.084
799.	5.663	34.545	0.00	5.594	27.244
1002.	4.573	34.554	0.00	4.493	27.379

CAST TG3-94-DI -029 LAT 00 01.2S LONG 179 52.5W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	29.744	34.054	0.00	29.742	21.107
75.	29.705	34.272	0.00	29.687	21.289
149.	24.157	35.302	0.00	24.125	23.834
301.	11.935	34.854	0.00	11.896	26.496
500.	8.337	34.614	0.00	8.284	26.928
1000.	4.651	34.551	0.00	4.570	27.368
1498.	3.098	34.597	0.00	2.989	27.564
1999.	2.254	34.637	0.00	2.113	27.672
2500.	1.875	34.657	0.00	1.698	27.720
2999.	1.672	34.669	0.00	1.451	27.748
3497.	1.564	34.677	0.00	1.297	27.766
5102.	1.258	34.705	0.00	0.820	27.820

CAST TG3-94-DI -030 LAT 00 30.3N LONG 179 53.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.694	34.106	0.00	29.691	21.163
75.	29.958	34.544	0.00	29.939	21.407
202.	16.351	35.202	0.00	16.318	25.831
590.	7.153	34.586	0.00	7.096	27.079
798.	5.773	34.546	0.00	5.703	27.231
1000.	4.657	34.579	0.00	4.577	27.390

CAST TG3-94-DI -031 LAT 01 00.1N LONG 179 54.0W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.938	34.330	0.00	29.936	21.248
70.	29.895	34.462	0.00	29.877	21.367
201.	15.705	35.065	0.00	15.673	25.873
601.	7.003	34.575	0.00	6.945	27.092
800.	5.839	34.552	0.00	5.769	27.228
1004.	4.517	34.556	0.00	4.437	27.387

CAST TG3-94-DI -032 LAT 01 30.2N LONG 179 53.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
11.	29.810	34.355	0.00	29.808	21.311
74.	29.839	34.507	0.00	29.820	21.420
200.	16.430	34.893	0.00	16.398	25.575
601.	7.040	34.581	0.00	6.982	27.091
800.	5.856	34.546	0.00	5.785	27.221
1001.	4.485	34.552	0.00	4.405	27.387

CAST TG3-94-DI -033 LAT 01 56.9N LONG 179 50.3W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.578	34.225	0.00	29.576	21.291
74.	29.991	34.804	0.00	29.972	21.591
199.	16.063	34.777	0.00	16.031	25.570
600.	7.272	34.574	0.00	7.214	27.054
699.	6.539	34.561	0.00	6.474	27.145
799.	5.718	34.546	0.00	5.648	27.238
899.	5.128	34.542	0.00	5.053	27.306
1000.	4.602	34.551	0.00	4.522	27.373
1499.	3.066	34.600	0.00	2.958	27.569
2001.	2.295	34.632	0.00	2.153	27.665
2499.	1.863	34.659	0.00	1.686	27.722
3003.	1.666	34.669	0.00	1.445	27.748

CAST TG3-94-DI -034 LAT 02 30.3N LONG 179 53.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.518	34.178	0.00	29.515	21.277
74.	29.750	34.973	0.00	29.731	21.800
199.	15.948	34.773	0.00	15.917	25.593
600.	7.327	34.574	0.00	7.268	27.046
800.	5.726	34.544	0.00	5.656	27.236
1000.	4.606	34.551	0.00	4.526	27.373

CAST TG3-94-DI -035 LAT 03 00.2N LONG 179 53.9W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.535	34.173	0.00	29.533	21.267
74.	29.481	35.001	0.00	29.463	21.912
199.	15.517	34.719	0.00	15.486	25.649
600.	7.631	34.594	0.00	7.570	27.019
787.	5.632	34.549	0.00	5.564	27.251
1046.	4.314	34.558	0.00	4.232	27.410

CAST TG3-94-DI -036 LAT 03 59.8N LONG 179 53.8W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
9.	29.307	34.007	0.00	29.305	21.219
76.	29.862	35.210	0.00	29.843	21.940
202.	16.181	34.728	0.00	16.149	25.505
602.	7.067	34.571	0.00	7.009	27.080
799.	5.639	34.548	0.00	5.569	27.249
991.	4.668	34.554	0.00	4.588	27.368

CAST TG3-94-DI -037 LAT 05 03.2N LONG 179 52.7W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.269	33.936	0.00	29.267	21.179
75.	26.751	34.985	0.00	26.734	22.793
200.	16.219	34.715	0.00	16.187	25.487
799.	5.551	34.546	0.00	5.482	27.258
900.	4.954	34.553	0.00	4.880	27.335
1000.	4.504	34.558	0.00	4.424	27.390

CAST TG3-94-DI -038 LAT 08 00.5N LONG 179 50.2W

PRES (DB)	TEMP (C)	SAL (PSU)	OXY (ML/L)	POT TEMP (C)	SIG-TH
10.	29.336	33.789	0.00	29.333	21.046
76.	25.270	34.618	0.00	25.253	22.978
150.	13.188	34.569	0.00	13.167	26.026
300.	9.607	34.657	0.00	9.573	26.756
500.	7.739	34.573	0.00	7.689	26.985
1000.	4.505	34.552	0.00	4.426	27.385
1500.	2.994	34.601	0.00	2.887	27.577
2002.	2.206	34.635	0.00	2.066	27.674
2500.	1.854	34.658	0.00	1.677	27.723
2996.	1.673	34.669	0.00	1.453	27.748
3498.	1.525	34.679	0.00	1.259	27.770
5705.	1.358	34.703	0.00	0.840	27.817

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