

Western Iceland Sea

- Greenland Sea Project -

CTD Data Report

Joint Danish Icelandic Cruise

R/V Bjarni Sæmundsson

September 1988

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Ágrip

Þessi skýrsla inniheldur hafeðlisfræðigögn frá Íslandshafi. Þau eru hiti og selta sem fall af dýpi (töflur og myndir) og afleiddar stærðir, svo sem eðlisþyngd. Sýnum var safnað með síritandi sondu, CTD, í september 1988 í leiðangri á R/S Bjarna Sæmundssyni í vestur hluta Íslandshafs, frá Grænlandssundi norður fyrir Jan Mayen (72°30'N) og vestan Kolbeinseyjarhryggjar. Danir (Grønlands Fiskeri og Miljø Undersøgelser) og Íslendingar (Hafrannsóknastofnun) áttu samvinnu um þessar rannsóknir sem voru hluti af 5 ára alþjóðlegum hafrannsóknnum (1987-1991) sem ganga undir heitinu "Greenland Sea Project". Hliðstæð skýrsla frá 1987 hefur komið út, (Kristmannsson, Malmberg & Briem 1989).

Introduction

In September 1988 a second joint Danish-Icelandic hydro-biological survey was carried out by scientists aboard the Icelandic research vessel BJARNI SÆMUNDSSON in the western Iceland Sea in the area between Jan Mayen, East Greenland and Iceland, (Fig. 1). These investigations were a part of the international GREENLAND SEA PROJECT, GSP, (Anon. 1987) initiated by the Arctic Ocean Science Board (AOSB) in 1987. Reports of objectives of the program, investigations performed, results, including a CTD data report from the first joint Danish-Icelandic cruise in the same area in 1987, have been published, (Buch & Malmberg 1989, Kristmannsson, Malmberg & Briem 1989, Malmberg, Kristmannsson & Buch 1990, Nielsen & Buch 1990).

The present publication is a report of CTD data collected during the 1988 cruise. It consists of data lists of temperature, salinity, density and specific volume anomaly as a function of depth. Also included are figures of vertical structure of temperature and salinity from chosen sections (Figs. 5-7) and water mass distribution (Figs. 3,4). First, a short description of instrumentation and an outline of data-handling methods are given.

Instrumentation and methods

The CTD system used was a Sea Bird Electronics SBE-9 underwater unit with SBE-17 Searam memory unit. The temperature was measured with a SBE-3 thermometer, a glass-coated thermistor bead with an accuracy of $\pm 0.004^{\circ}\text{C}$. The conductivity was measured with a SBE-4 conductivity meter which is a 2-terminal platinum electrode cell and a flow-through type. The accuracy is 0.0003 S/m, (Siemens per meter). The conductivity cell was used with a submersible pump, SBE-5, to match the dynamic response of the cell to that of the temperature sensor. In this way the "salinity spiking" phenomenon was reduced. The pressure was measured by a Digiquartz Pressure Transducer with an accuracy of 0.05% of full scale. The SBE-CTD was operated from a winch with a standard hydrographic wire lowered at approximately 1 m/s and only downcast profiles were used in the analysis. Calibration samples for salinity were collected at the lowest depth at each station and at fewer ones for temperature. Calibration temperatures were recorded by reversing thermometers from Gohla Precision, Kiel. Calibration salinities were determined ashore with a Guildline-8400 salinometer using IAPSO (batch # 110) standard water as a reference.

The editing and filtering of the CTD downcast data was performed according to the following guidelines of UNESCO (1988):

1. Scaling of independent variables, pressure in decibars, temperature in $^{\circ}\text{C}$ and conductivity in S/m. This was done with software provided by Sea Bird Electronics.

2. Erroneous values (out of range) and unrealistic discontinuities were replaced by adjacent or linearly interpolated values.
3. Smoothing of temperature and conductivity by curve fitting through a small section of dataset.
4. Smoothing of pressure by low-pass filtering.
5. Time lag correction for variables.
6. Averaging of variables to each decibar.
7. Calculation of salinity (UNESCO 1981) and potential temperature (Bryden 1973) and other dependent variables.
8. Calibration of salinities with respect to laboratory analysis of deep water samples. Due to unforeseen delays of laboratory analysis of salinity, evaporation from salinity bottles was suspected. Fortunately, salinity samples were also collected from the same area in summer 1988 and 1989 from another ship in the GSP program, (J. Meincke, personal communication). These samples were of further help in the calibration of the salinity. A plot of the SBE-CTD salinities vs. the laboratory analysed salinities is shown in Figure 2. Also shown is the estimated correction line:

$$\text{Salinity(SBE-CTD)} = \text{Salinity(Hydrography)} - 0.03$$

Temperature comparison of SBE-CTD with reversing thermometers showed no significant difference.

Water Masses in the Iceland Sea

The main water masses observed in the study area are as follows (Stefánsson 1962, Swift 1986):

Polar Water of the East Greenland Current. In shallow waters with temperatures below 0°C and salinity less than 34.4.

Deep Water. A cold water mass often referred to as the Norwegian Sea Bottom Water found below 600 m depth with temperatures below 0°C and salinity > 34.9.

Arctic Intermediate Water. A water mass found between Polar Water and Deep Water with temperatures of about 0-1°C and salinity 34.7-34.95.

A more detailed analysis of the water masses shows further differences depending on their regional origin and their time histories. For example, three different deep water masses are evident in the data (Fig. 4). They are Greenland Sea Deep Water (GDW, $S=34.895$), Norwegian Sea Deep Water (NDW, $S=34.91$) and European Basin Deep Water (EDW, $S=34.925$), (Swift & Koltermann 1988, Malmberg, Kristmannsson & Buch 1990). Also, Polar Intermediate Water is indicated in Figure 3, with salinity of 34.5-34.6 and close to freezing temperatures.

Acknowledgement

The joint Danish-Icelandic contribution to the Greenland Sea Project was made possible with contributions from the Icelandic Althing, the Danish National Science Council, the Danish Council for Scientific and Industrial Research and the Commission for Scientific Research in Greenland. We wish to thank the captain and the crew of R/V Bjarni Sæmundsson for their support and also, participating colleagues. Prof. Jens Meincke at the University of Hamburg is especially thanked for providing results of bottle-data salinity from the R/V Polarstern from the GSP area for calibration purposes. The important salinity analysis ashore by Sigbrúður Jónsdóttir is greatly appreciated. Figures were kindly drawn by Ingibjörg Jónsdóttir.

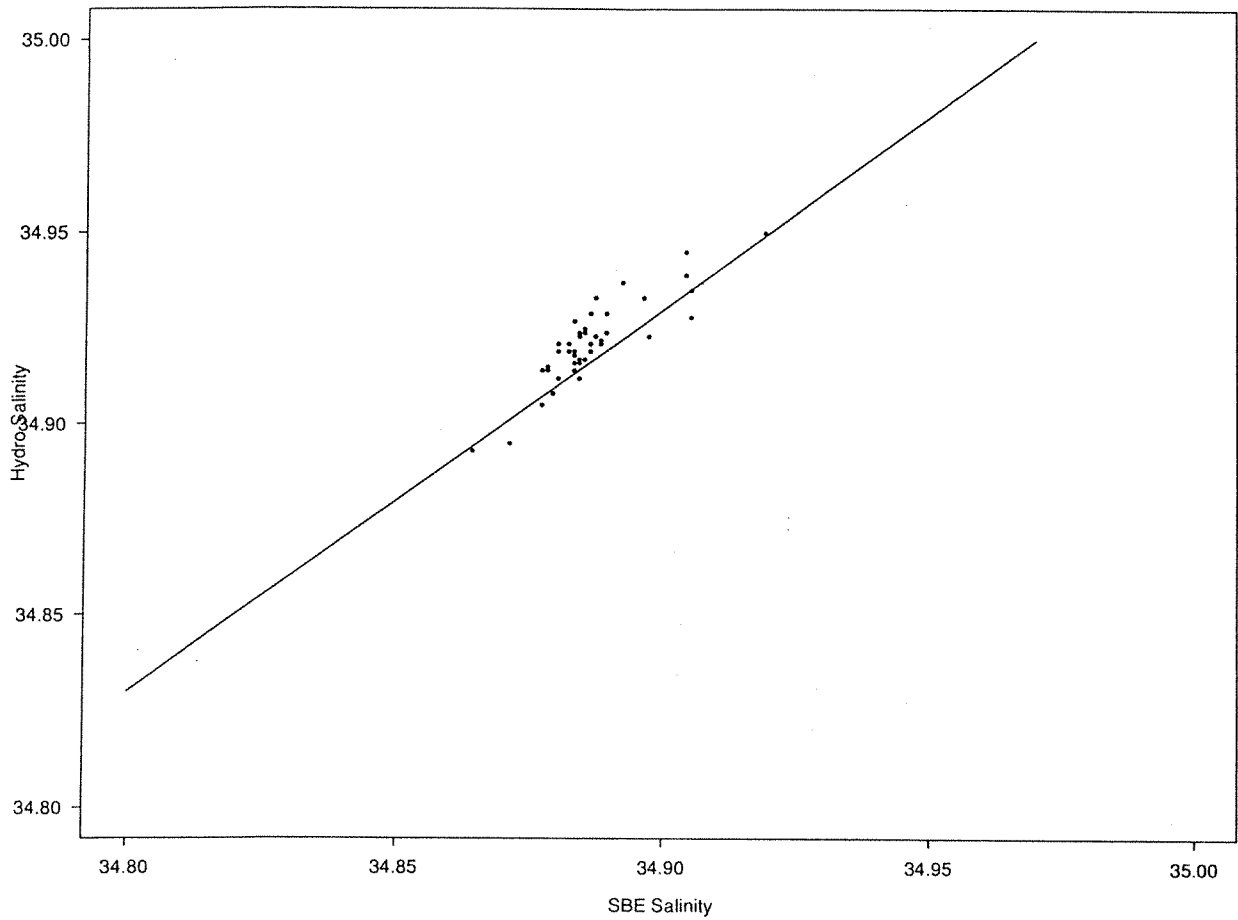


Figure 2. Distribution of hydro salinity vs. CTD salinity and a correction line.

GSP 1988

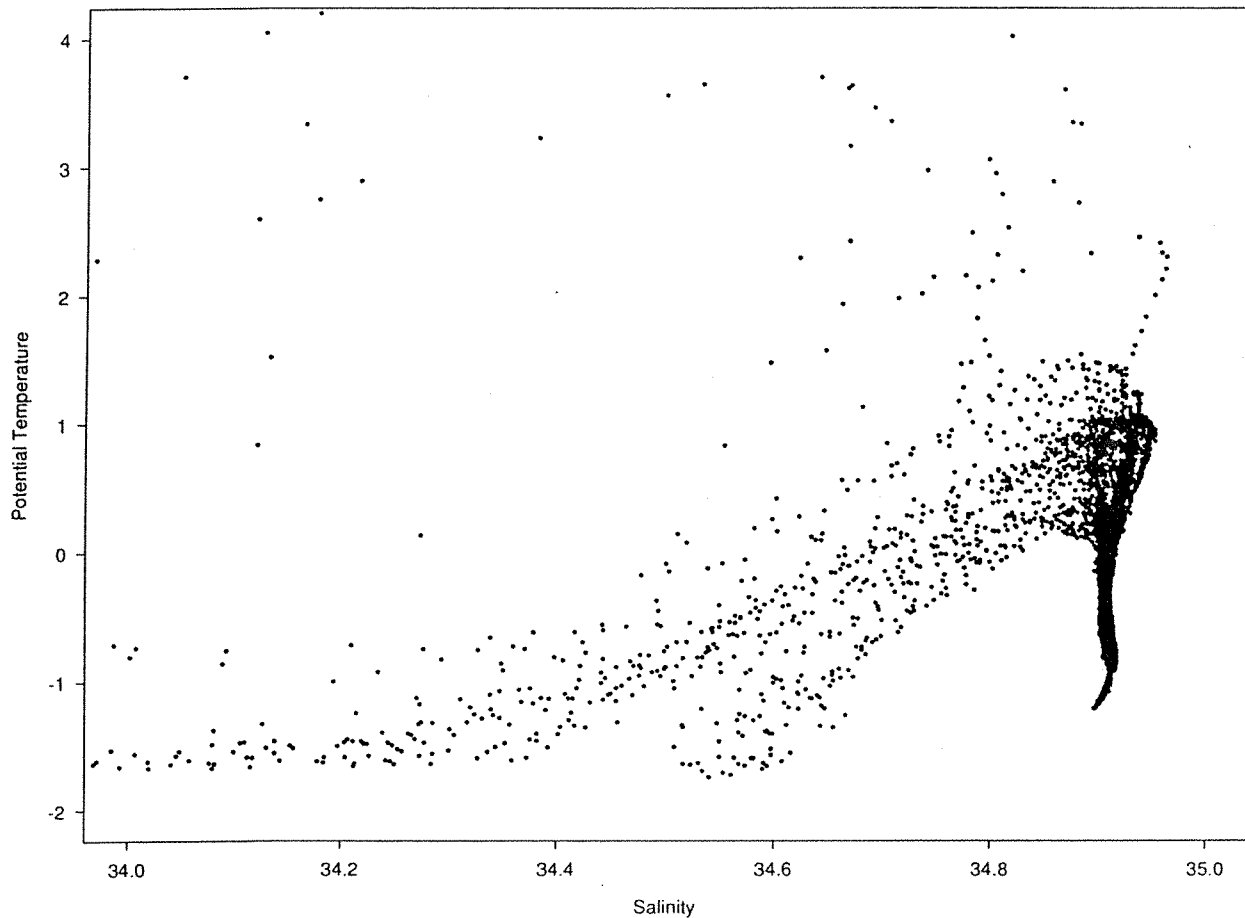


Figure 3. A subset of potential temperature vs. salinity from the SBE-CTD in September 1988.

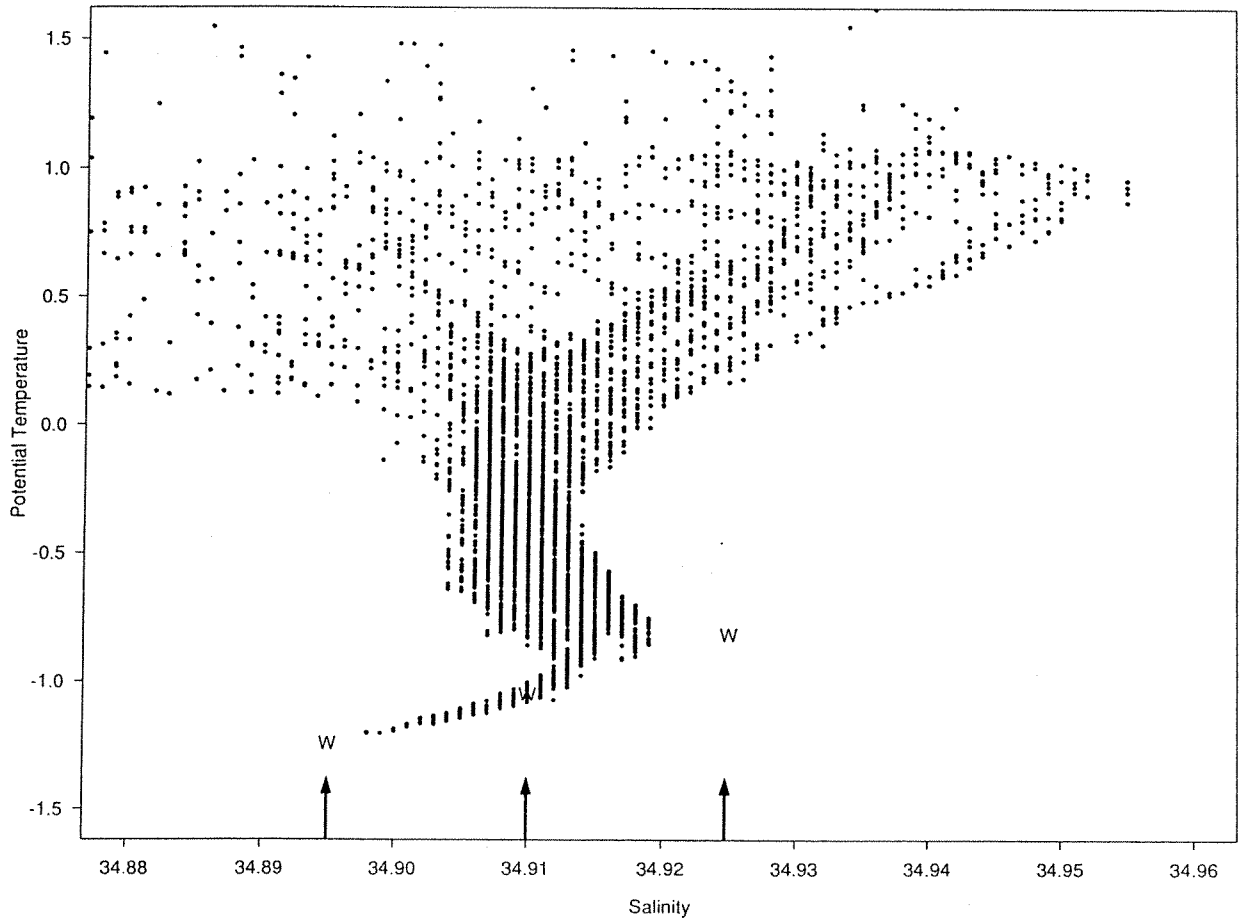


Figure 4. A subset of potential temperature vs. salinity from the SBE-CTD in September 1988. Deep water mass definitions of Swift & Koltermann (1988) are indicated: GDW (Greenland Sea Deep Water), NDW (Norwegian Sea Deep Water) and EDW (European Basin Deep Water).

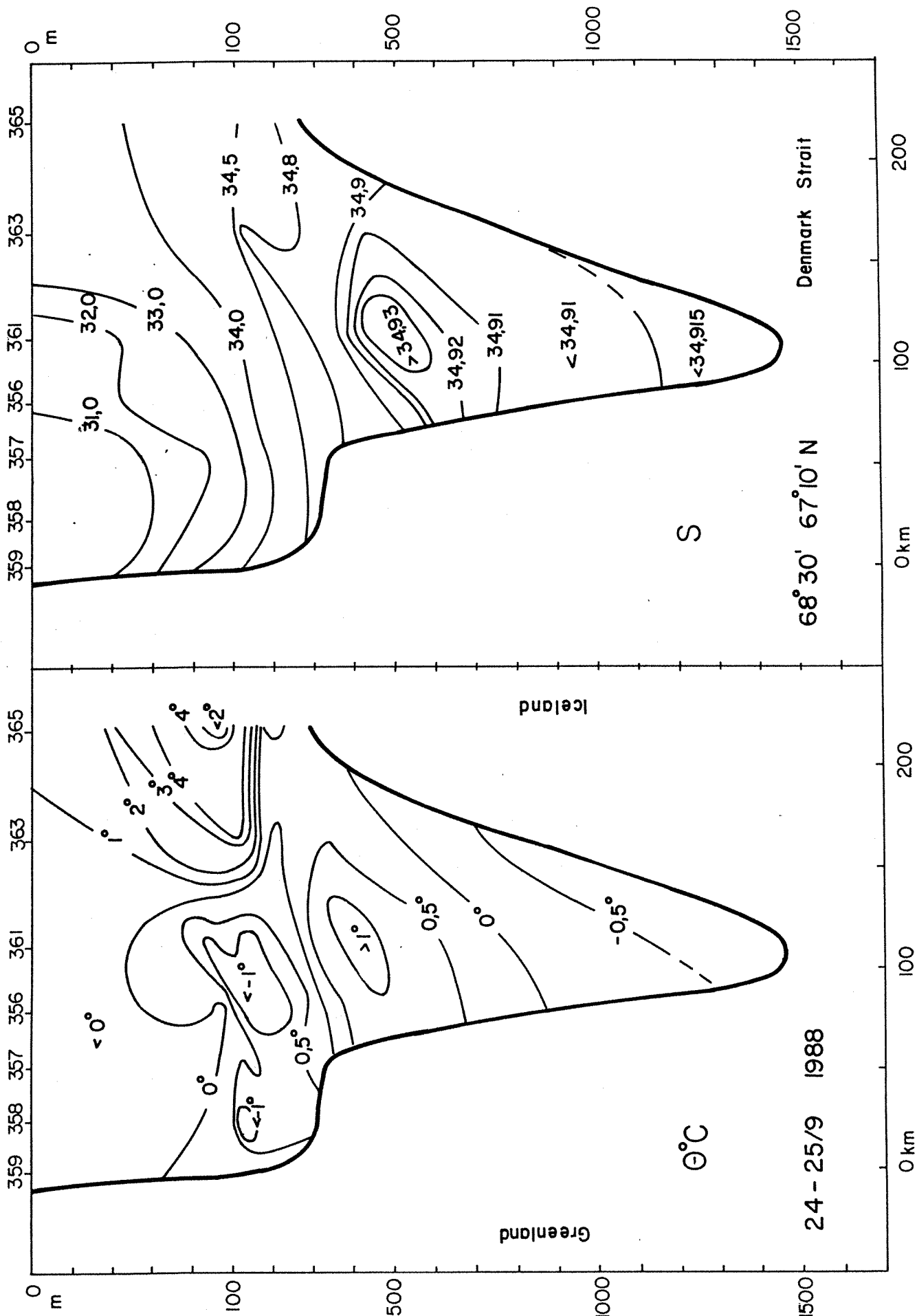


Figure 5. Potential temperature and salinity from Denmark Strait section, from $67^{\circ}08'N-22^{\circ}53'W$ to $68^{\circ}39'N-26^{\circ}20'W$.

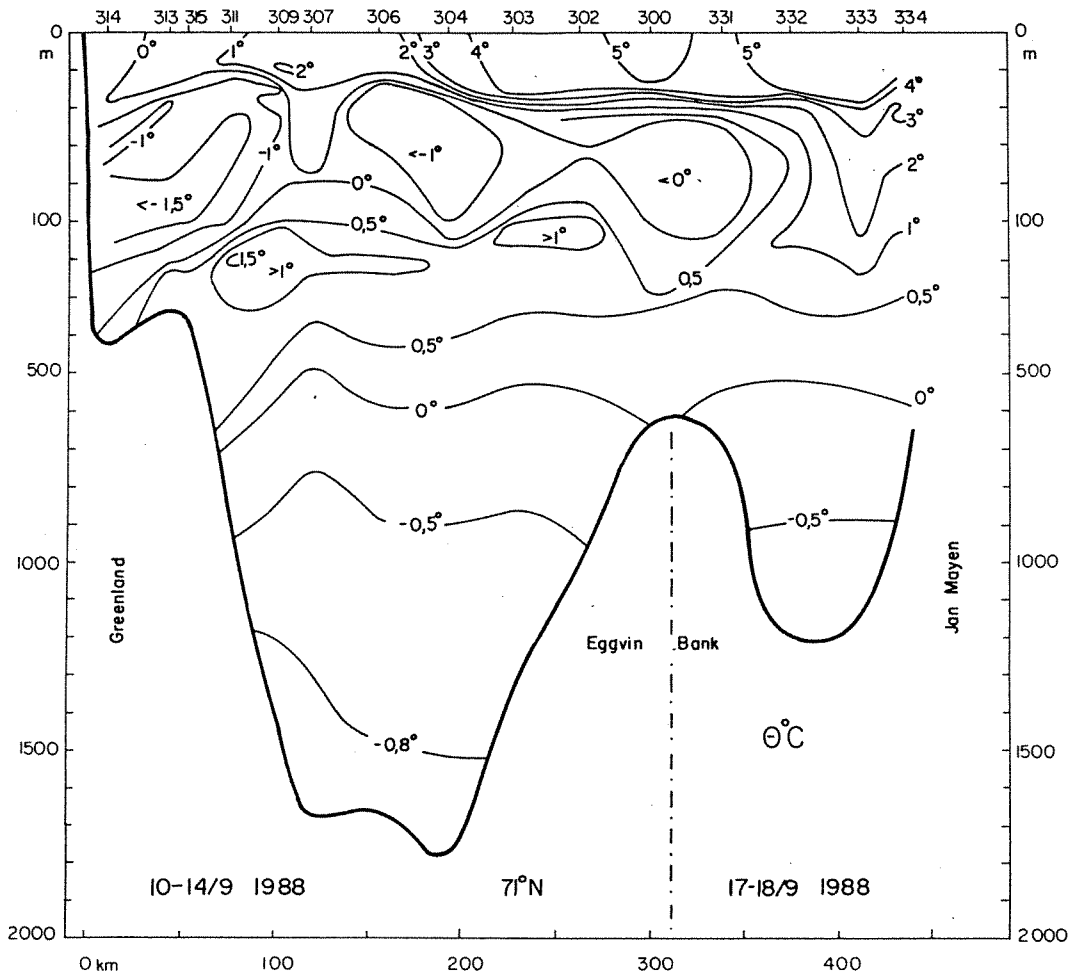


Figure 6(a). Potential temperature from Greenland-Jan Mayen section at 71°00'N.

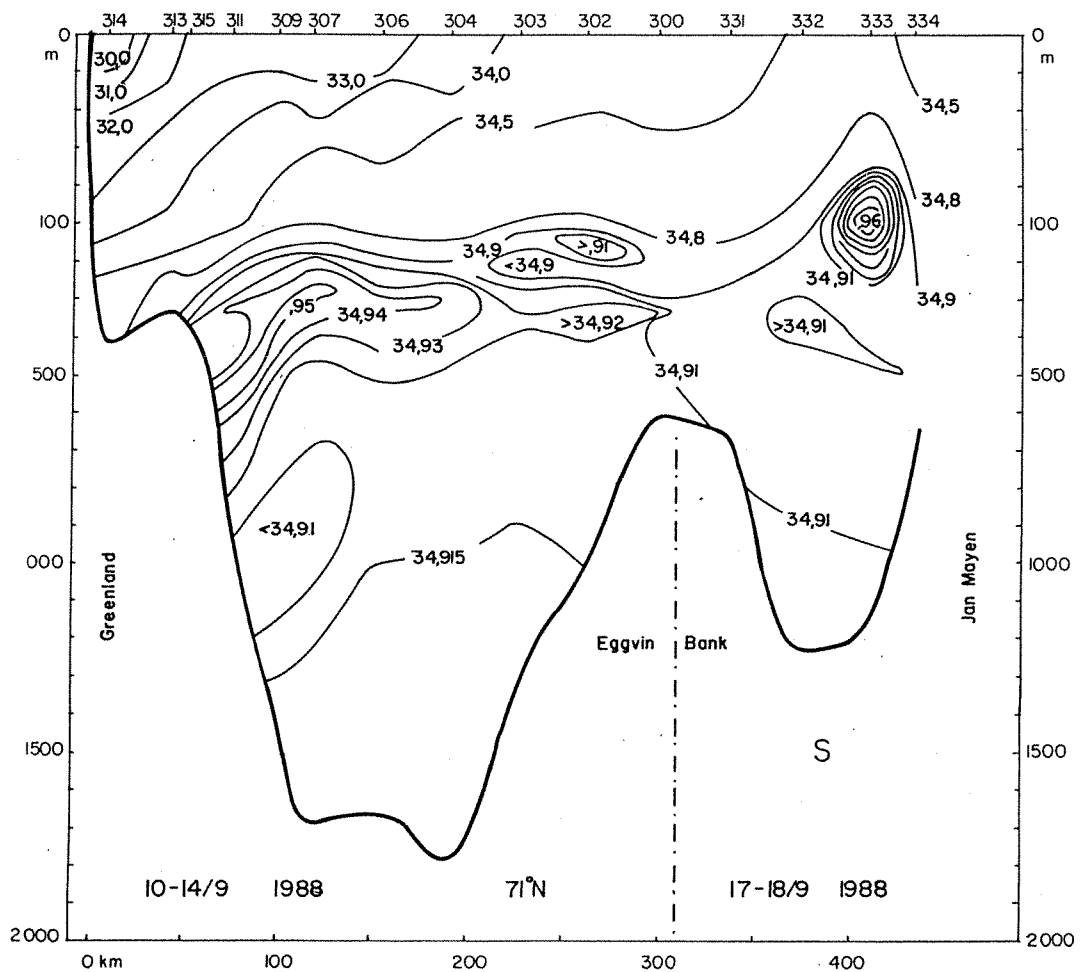


Figure 6(b). Salinity from Greenland-Jan Mayen section at 71°00'N.

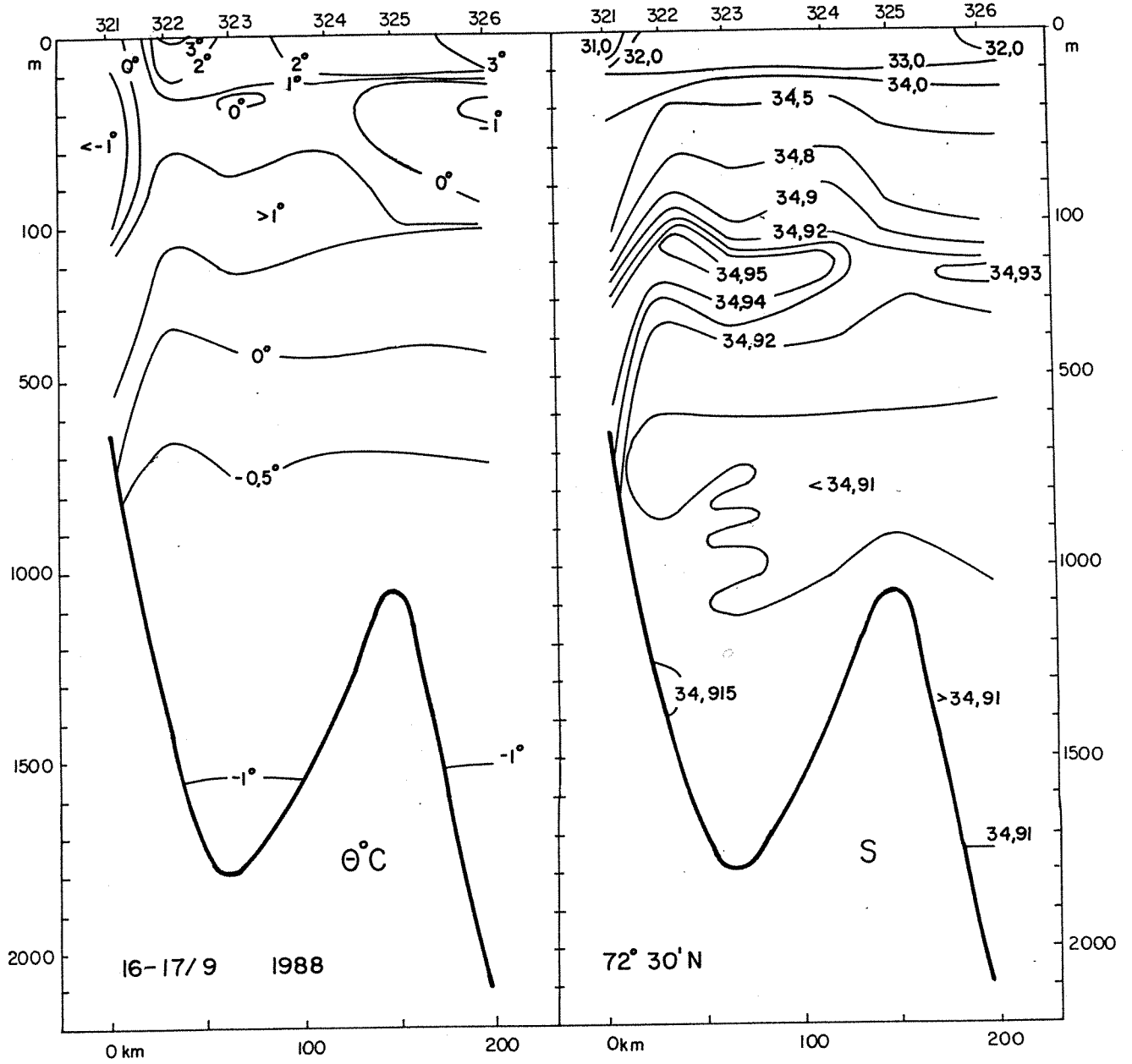


Figure 7. Potential temperature and salinity from Greenland Sea section at $72^{\circ}30'N$.

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Table 1. R/V Bjarni Sæmundsson GSP-1988 CTD stations

Station	Date	Hour	Depth, m	Latitude N	Longitude W
292	9	1015	740	68°33'	16°38'
293	9	1300	1300	68°50'	16°15'
294	9	1815	1118	69°09'	15°50'
295	9	2120	1063	69°28'	15°26'
296	10	0045	1230	69°46'	15°03'
297	10	0540	1310	70°04'	14°36'
298	10	1050	1000	70°23'	14°11'
299	10	1445	1610	70°42'	13°45'
300	10	2000	660	70°59'	13°19'
302	11	1400	990	70°59'	14°20'
303	11	2248	1282	71°00'	15°17'
304	12	0400	1790	71°00'	16°16'
306	12	1400	1660	71°00'	17°18'
307	13	0440	1680	71°00'	18°16'
309	13	1645	1400	71°00'	18°51'
311	14	1205	860	70°59'	19°28'
313	14	1740	328	70°59'	20°25'
314	14	2050	425	71°00'	21°25'
315	15	0205	380	71°00'	20°06'
321	16	0330	650	72°30'	17°11'
322	16	0700	1370	72°30'	16°05'
323	16	1240	1798	72°30'	15°05'
324	16	1700	1420	72°30'	13°34'
325	16	2040	1050	72°30'	12°35'
326	17	0200	2100	72°30'	11°06'
327	17	0730	2140	72°13'	11°30'
328	17	1150	2330	71°55'	12°00'
329	17	1530	2600	71°41'	12°21'
330	17	2000	1330	71°22'	12°47'
331	18	0000	660	71°00'	12°15'
332	18	0345	1235	71°00'	11°14'
333	18	0800	1175	71°00'	10°12'
334	18	1200	650	71°00'	09°30'
339	19	0135	1000	70°00'	16°00'
340	19	0530	1280	70°00'	16°57'
341	19	0900	1620	70°00'	17°56'
342	19	1330	875	70°00'	18°55'
343	19	1800	270	70°00'	19°55'
344	19	2130	395	70°00'	20°50'
345	20	0100	506	70°00'	21°47'
350	21	0830	845	68°30'	18°55'
352	21	1300	1190	68°30'	19°50'
353	21	1700	1100	68°30'	20°43'
354	21	2100	1150	68°30'	21°38'
355	22	0030	1450	68°30'	22°35'
356	24	1230	860	68°08'	25°12'
357	24	1545	316	68°18'	25°27'
358	24	1900	330	68°30'	25°55'
359	24	2100	140	68°39'	26°20'
361	25	0700	1480	67°54'	24°32'
363	25	1440	818	67°32'	23°44'
365	25	2330	241	67°08'	22°53'
366	26	0230	232	66°53'	23°18'

SBE-CTD data tables:

Heading indicates name of station, B for R/V Bjarni Sæmundsson and 88.292-366 for the year and consecutive station numbers, as shown in Figure 1. The variables presented and units used are the following:

depth, in decibars.

temp, *in situ* temperature in °C.

theta, potential temperature in °C.

salnty, salinity in practical salinity units.

sig_th, potential density -1000 kg/m³.

delta, specific volume anomaly x 10⁻⁸ m³/kg.

B88.292					
depth	temp	theta	salnty	sig_th	delta
5	5.177	5.177	33.550	26.505	151.76
10	5.134	5.133	33.537	26.500	152.30
15	5.121	5.120	33.543	26.506	151.76
20	4.889	4.888	33.611	26.587	144.19
25	4.730	4.728	33.683	26.662	137.09
30	4.049	4.047	33.953	26.949	109.93
35	2.995	2.992	34.518	27.501	57.56
40	2.912	2.910	34.664	27.625	45.83
45	2.841	2.838	34.721	27.677	40.97
50	3.054	3.051	34.771	27.698	39.08
55	3.112	3.108	34.796	27.712	37.72
60	3.064	3.061	34.800	27.720	37.01
65	3.019	3.016	34.803	27.726	36.49
70	2.958	2.954	34.806	27.735	35.72
75	2.841	2.836	34.812	27.750	34.30
80	2.800	2.795	34.812	27.754	33.98
85	2.700	2.695	34.818	27.767	32.68
90	2.544	2.539	34.818	27.781	31.40
95	2.427	2.422	34.814	27.788	30.74
100	2.337	2.331	34.808	27.791	30.45
110	2.129	2.123	34.803	27.804	29.25
120	1.667	1.661	34.796	27.834	26.25
130	1.493	1.487	34.783	27.837	26.02
140	1.297	1.290	34.776	27.846	25.15
150	1.191	1.184	34.772	27.849	24.77
160	0.965	0.958	34.765	27.860	23.74
170	0.635	0.628	34.768	27.883	21.44
180	0.485	0.478	34.765	27.890	20.73
190	0.390	0.382	34.762	27.893	20.36
200	0.265	0.257	34.766	27.904	19.30
210	0.085	0.077	34.770	27.917	17.97
220	-0.004	-0.012	34.769	27.921	17.52
230	-0.053	-0.062	34.771	27.925	17.13
240	-0.100	-0.109	34.777	27.932	16.40
250	-0.063	-0.072	34.792	27.942	15.45
260	-0.054	-0.064	34.801	27.949	14.82
270	-0.044	-0.054	34.812	27.957	14.06
280	0.033	0.022	34.832	27.969	12.99
290	0.166	0.154	34.853	27.979	12.17
300	0.227	0.215	34.860	27.982	11.96
310	0.325	0.312	34.878	27.990	11.27
320	0.391	0.378	34.888	27.995	10.93
330	0.421	0.407	34.893	27.997	10.76
340	0.429	0.415	34.895	27.998	10.64
350	0.361	0.346	34.894	28.002	10.28
360	0.325	0.310	34.894	28.003	10.10
370	0.319	0.304	34.894	28.004	10.03
380	0.298	0.282	34.899	28.009	9.55
390	0.262	0.246	34.898	28.010	9.39
400	0.266	0.249	34.898	28.010	9.43
410	0.256	0.239	34.899	28.012	9.25
420	0.254	0.236	34.900	28.013	9.19
430	0.263	0.245	34.902	28.013	9.13
440	0.243	0.224	34.902	28.015	8.97
450	0.240	0.221	34.904	28.017	8.79

B88.292					
depth	temp	theta	salnty	sig_th	delta
460	0.245	0.225	34.906	28.018	8.70
470	0.205	0.186	34.904	28.018	8.61
480	0.150	0.130	34.906	28.023	8.08
490	0.138	0.118	34.906	28.024	7.99
500	0.093	0.072	34.909	28.029	7.50
510	0.066	0.045	34.910	28.031	7.25
520	0.035	0.013	34.910	28.033	7.05
530	0.029	0.008	34.911	28.034	6.94
540	0.029	0.007	34.910	28.033	7.00
550	0.012	-0.011	34.910	28.035	6.84
560	-0.013	-0.037	34.910	28.036	6.70
570	-0.021	-0.045	34.910	28.036	6.66
580	-0.024	-0.047	34.910	28.036	6.63
590	-0.082	-0.107	34.912	28.041	6.11
600	-0.129	-0.154	34.912	28.043	5.80
610	-0.157	-0.181	34.912	28.045	5.63
620	-0.194	-0.219	34.911	28.046	5.43
630	-0.208	-0.233	34.911	28.046	5.37
640	-0.241	-0.267	34.912	28.049	5.05
650	-0.264	-0.290	34.912	28.050	4.90
660	-0.269	-0.296	34.912	28.051	4.81
670	-0.284	-0.311	34.913	28.052	4.70
680	-0.307	-0.334	34.913	28.053	4.49
690	-0.315	-0.342	34.913	28.054	4.42
700	-0.324	-0.352	34.913	28.054	4.35
710	-0.338	-0.366	34.913	28.055	4.25
720	-0.361	-0.389	34.914	28.057	4.02

B88.293					
depth	temp	theta	salnty	sig_th	delta
10	4.713	4.713	33.480	26.502	152.08
15	4.674	4.673	33.400	26.443	157.76
20	4.445	4.444	33.309	26.396	162.27
25	4.145	4.144	33.382	26.485	153.85
30	2.177	2.176	33.778	26.979	106.92
35	0.145	0.144	34.275	27.514	56.09
40	-0.334	-0.336	34.377	27.620	45.98
45	-0.732	-0.733	34.465	27.709	37.48
50	-0.947	-0.948	34.476	27.727	35.73
55	-1.221	-1.223	34.551	27.798	28.95
60	-1.256	-1.257	34.574	27.817	27.11
65	-1.249	-1.251	34.563	27.808	27.93
70	-1.238	-1.240	34.569	27.813	27.48
75	-1.322	-1.324	34.580	27.825	26.28
80	-1.291	-1.293	34.582	27.826	26.21
85	-1.213	-1.215	34.594	27.832	25.59
90	-1.154	-1.156	34.610	27.843	24.56
95	-1.049	-1.052	34.611	27.840	24.88
100	-1.088	-1.091	34.623	27.852	23.75
110	-1.095	-1.098	34.640	27.865	22.42
120	-1.024	-1.027	34.652	27.873	21.72
130	-0.902	-0.906	34.669	27.881	20.92
140	-0.780	-0.784	34.685	27.889	20.21
150	-0.570	-0.575	34.718	27.907	18.59
160	-0.400	-0.405	34.742	27.918	17.60
170	-0.317	-0.323	34.761	27.930	16.52
180	-0.233	-0.240	34.779	27.940	15.56
190	-0.108	-0.116	34.804	27.954	14.32
200	-0.021	-0.029	34.817	27.960	13.78
210	0.059	0.051	34.830	27.966	13.30
220	0.121	0.112	34.845	27.975	12.46
230	0.203	0.194	34.859	27.982	11.89
240	0.258	0.249	34.867	27.986	11.60
250	0.366	0.356	34.879	27.989	11.38
260	0.325	0.315	34.889	27.999	10.41
270	0.329	0.318	34.894	28.003	10.05
280	0.313	0.302	34.896	28.006	9.76
290	0.318	0.306	34.900	28.009	9.51
300	0.271	0.258	34.902	28.013	9.07
310	0.254	0.241	34.903	28.015	8.88
320	0.272	0.259	34.906	28.016	8.77
330	0.218	0.204	34.900	28.014	8.93
340	0.197	0.183	34.906	28.020	8.33
350	0.184	0.169	34.907	28.022	8.16
360	0.130	0.116	34.908	28.026	7.79
370	0.110	0.095	34.908	28.027	7.65
380	0.081	0.066	34.907	28.028	7.53
390	0.057	0.041	34.908	28.030	7.32
400	0.047	0.030	34.908	28.030	7.26
410	0.020	0.004	34.908	28.032	7.13
420	-0.012	-0.029	34.908	28.034	6.89
430	-0.040	-0.057	34.908	28.035	6.73
440	-0.068	-0.086	34.909	28.037	6.48
450	-0.112	-0.130	34.907	28.038	6.37
460	-0.130	-0.148	34.906	28.039	6.27

B88.293					
depth	temp	theta	salnty	sig_th	delta
470	-0.135	-0.154	34.906	28.039	6.26
480	-0.152	-0.171	34.907	28.040	6.08
490	-0.162	-0.181	34.907	28.040	6.04
500	-0.179	-0.199	34.907	28.042	5.90
510	-0.198	-0.218	34.908	28.043	5.74
520	-0.176	-0.197	34.909	28.043	5.73
530	-0.223	-0.244	34.908	28.045	5.52
540	-0.242	-0.263	34.910	28.047	5.30
550	-0.248	-0.270	34.911	28.049	5.12
560	-0.264	-0.286	34.912	28.050	4.99
570	-0.278	-0.300	34.912	28.051	4.88
580	-0.302	-0.325	34.912	28.052	4.67
590	-0.300	-0.323	34.912	28.052	4.74
600	-0.341	-0.364	34.912	28.054	4.41
610	-0.371	-0.395	34.912	28.055	4.23
620	-0.379	-0.403	34.912	28.055	4.21
630	-0.399	-0.424	34.911	28.056	4.09
640	-0.419	-0.444	34.913	28.059	3.81
650	-0.439	-0.464	34.913	28.059	3.71
660	-0.447	-0.473	34.913	28.060	3.65
670	-0.458	-0.484	34.913	28.060	3.56
680	-0.469	-0.495	34.913	28.061	3.49
690	-0.478	-0.504	34.913	28.062	3.38
700	-0.489	-0.516	34.913	28.062	3.29
710	-0.495	-0.523	34.914	28.063	3.21
720	-0.499	-0.527	34.913	28.063	3.19
730	-0.506	-0.535	34.913	28.063	3.14
740	-0.524	-0.552	34.914	28.065	2.92
750	-0.533	-0.562	34.915	28.065	2.84
760	-0.538	-0.568	34.914	28.065	2.81
770	-0.546	-0.575	34.916	28.067	2.63
780	-0.555	-0.585	34.915	28.067	2.62
790	-0.559	-0.590	34.914	28.067	2.62
800	-0.573	-0.604	34.915	28.068	2.44
810	-0.582	-0.613	34.915	28.069	2.35
820	-0.587	-0.619	34.916	28.069	2.28
830	-0.590	-0.623	34.915	28.069	2.29
840	-0.592	-0.625	34.915	28.069	2.26
850	-0.599	-0.632	34.916	28.070	2.15
860	-0.603	-0.637	34.916	28.070	2.11
870	-0.612	-0.646	34.916	28.070	2.04
880	-0.620	-0.654	34.916	28.071	1.96
890	-0.625	-0.660	34.916	28.071	1.87
900	-0.638	-0.674	34.916	28.072	1.77
910	-0.648	-0.684	34.916	28.072	1.68
920	-0.653	-0.689	34.917	28.073	1.59
930	-0.656	-0.693	34.917	28.073	1.57
940	-0.657	-0.694	34.916	28.073	1.55
950	-0.664	-0.701	34.918	28.075	1.34
960	-0.667	-0.704	34.917	28.074	1.43
970	-0.667	-0.706	34.917	28.074	1.39
980	-0.671	-0.710	34.917	28.074	1.33
990	-0.677	-0.716	34.915	28.073	1.44
1000	-0.682	-0.721	34.917	28.075	1.22
1010	-0.687	-0.727	34.917	28.075	1.19

B88.293					
depth	temp	theta	salnty	sig_th	delta
1020	-0.689	-0.730	34.917	28.075	1.16
1030	-0.693	-0.734	34.917	28.075	1.10
1040	-0.697	-0.739	34.917	28.075	1.06
1050	-0.702	-0.743	34.917	28.076	0.96
1060	-0.702	-0.744	34.917	28.076	0.95
1070	-0.701	-0.744	34.918	28.076	0.90
1080	-0.701	-0.744	34.918	28.077	0.84
1090	-0.701	-0.745	34.918	28.076	0.85
1100	-0.702	-0.747	34.918	28.077	0.81
1110	-0.706	-0.750	34.919	28.077	0.71
1120	-0.710	-0.755	34.919	28.077	0.67
1130	-0.710	-0.755	34.918	28.077	0.70
1140	-0.711	-0.757	34.919	28.078	0.63
1150	-0.712	-0.759	34.919	28.078	0.60
1160	-0.710	-0.757	34.919	28.078	0.58
1170	-0.709	-0.757	34.919	28.077	0.59
1180	-0.708	-0.757	34.919	28.077	0.58
1190	-0.708	-0.757	34.919	28.077	0.56
1200	-0.708	-0.757	34.919	28.077	0.54
1210	-0.706	-0.756	34.919	28.077	0.54
1220	-0.705	-0.756	34.919	28.078	0.49
1230	-0.705	-0.756	34.919	28.077	0.51
1240	-0.705	-0.757	34.919	28.077	0.49
1250	-0.707	-0.759	34.919	28.078	0.41
1260	-0.709	-0.761	34.919	28.078	0.40
1270	-0.709	-0.762	34.919	28.078	0.40
1280	-0.710	-0.764	34.919	28.078	0.35
1290	-0.712	-0.766	34.919	28.078	0.34
1300	-0.712	-0.767	34.918	28.077	0.37

B88.294					
depth	temp	theta	salnty	sig_th	delta
5	4.921	4.920	33.715	26.665	136.56
10	5.251	5.250	33.853	26.738	129.79
15	5.197	5.196	33.911	26.789	124.92
20	5.024	5.023	33.952	26.842	119.98
25	5.525	5.523	34.153	26.943	110.54
30	5.601	5.598	34.243	27.004	104.78
35	4.308	4.305	34.310	27.205	85.70
40	2.663	2.661	34.402	27.438	63.55
45	0.016	0.014	34.444	27.657	42.52
50	-0.919	-0.920	34.552	27.787	30.07
55	-1.004	-1.005	34.491	27.741	34.36
60	-1.312	-1.314	34.548	27.799	28.87
65	-1.556	-1.558	34.579	27.832	25.69
70	-1.583	-1.584	34.564	27.821	26.69
75	-1.613	-1.614	34.572	27.828	26.00
80	-1.647	-1.648	34.594	27.847	24.14
85	-1.641	-1.643	34.595	27.847	24.10
90	-1.609	-1.611	34.608	27.857	23.13
95	-1.590	-1.592	34.611	27.859	22.92
100	-1.541	-1.543	34.616	27.862	22.67
110	-1.174	-1.177	34.644	27.871	21.82
120	-0.953	-0.956	34.673	27.887	20.43
130	-0.519	-0.523	34.713	27.900	19.26
140	-0.303	-0.308	34.756	27.925	17.01
150	-0.067	-0.072	34.789	27.940	15.72
160	0.066	0.060	34.811	27.951	14.75
170	0.161	0.154	34.835	27.965	13.48
180	0.252	0.245	34.850	27.972	12.82
190	0.242	0.235	34.859	27.980	12.10
200	0.205	0.198	34.866	27.987	11.41
210	0.178	0.170	34.870	27.992	10.95
220	0.170	0.161	34.871	27.993	10.81
230	0.157	0.148	34.874	27.997	10.48
240	0.158	0.148	34.877	27.999	10.31
250	0.167	0.157	34.880	28.001	10.08
260	0.140	0.130	34.882	28.004	9.78
270	0.129	0.118	34.883	28.005	9.67
280	0.142	0.131	34.887	28.008	9.46
290	0.136	0.124	34.889	28.010	9.28
300	0.133	0.121	34.891	28.012	9.08
310	0.122	0.110	34.894	28.015	8.79
320	0.101	0.088	34.897	28.018	8.46
330	0.071	0.058	34.899	28.021	8.11
340	0.050	0.036	34.900	28.023	7.91
350	0.065	0.051	34.902	28.025	7.82
360	0.033	0.019	34.905	28.028	7.42
370	0.019	0.005	34.904	28.029	7.39
380	0.001	-0.014	34.906	28.031	7.17
390	-0.012	-0.027	34.905	28.031	7.10
400	-0.055	-0.070	34.906	28.034	6.80
410	-0.074	-0.090	34.905	28.035	6.71
420	-0.105	-0.122	34.906	28.037	6.48
430	-0.122	-0.138	34.906	28.037	6.40
440	-0.138	-0.155	34.906	28.038	6.29
450	-0.148	-0.166	34.906	28.039	6.21

B88.294					
depth	temp	theta	salnty	sig_th	delta
460	-0.158	-0.176	34.906	28.040	6.14
470	-0.183	-0.201	34.908	28.042	5.86
480	-0.201	-0.220	34.908	28.044	5.67
490	-0.212	-0.231	34.907	28.043	5.72
500	-0.236	-0.256	34.908	28.045	5.51
510	-0.245	-0.265	34.908	28.046	5.39
520	-0.268	-0.288	34.908	28.047	5.23
530	-0.286	-0.307	34.909	28.049	5.05
540	-0.297	-0.318	34.908	28.049	5.06
550	-0.304	-0.325	34.909	28.049	4.96
560	-0.341	-0.363	34.909	28.052	4.68
570	-0.356	-0.378	34.909	28.053	4.57
580	-0.369	-0.392	34.910	28.054	4.45
590	-0.374	-0.396	34.909	28.053	4.45
600	-0.387	-0.410	34.910	28.055	4.30
610	-0.402	-0.425	34.910	28.055	4.19
620	-0.414	-0.438	34.910	28.056	4.09
630	-0.433	-0.457	34.911	28.058	3.89
640	-0.441	-0.465	34.911	28.058	3.81
650	-0.449	-0.474	34.911	28.058	3.78
660	-0.460	-0.485	34.912	28.059	3.65
670	-0.472	-0.498	34.911	28.060	3.59
680	-0.491	-0.518	34.913	28.062	3.32
690	-0.500	-0.526	34.913	28.062	3.28
700	-0.505	-0.532	34.912	28.062	3.31
710	-0.525	-0.552	34.913	28.064	3.06
720	-0.527	-0.554	34.912	28.063	3.10
730	-0.527	-0.555	34.912	28.063	3.06
740	-0.529	-0.557	34.912	28.063	3.04
750	-0.538	-0.567	34.914	28.065	2.85
760	-0.553	-0.582	34.913	28.065	2.79
770	-0.552	-0.581	34.913	28.065	2.83
780	-0.561	-0.591	34.913	28.066	2.72
790	-0.564	-0.595	34.913	28.066	2.69
800	-0.568	-0.599	34.913	28.066	2.66
810	-0.568	-0.599	34.913	28.066	2.64
820	-0.571	-0.602	34.913	28.066	2.59
830	-0.575	-0.607	34.913	28.067	2.52
840	-0.576	-0.608	34.914	28.067	2.47
850	-0.572	-0.605	34.913	28.066	2.54
860	-0.572	-0.606	34.913	28.066	2.51
870	-0.576	-0.610	34.913	28.067	2.46
880	-0.579	-0.614	34.913	28.067	2.44
890	-0.584	-0.619	34.913	28.066	2.42
900	-0.591	-0.626	34.914	28.068	2.29
910	-0.592	-0.628	34.913	28.067	2.28
920	-0.592	-0.629	34.913	28.067	2.26
930	-0.593	-0.630	34.913	28.068	2.23
940	-0.595	-0.632	34.913	28.067	2.22
950	-0.597	-0.635	34.913	28.068	2.18
960	-0.596	-0.635	34.913	28.068	2.18
970	-0.599	-0.637	34.914	28.068	2.11
980	-0.602	-0.641	34.913	28.068	2.09
990	-0.607	-0.646	34.914	28.069	2.02
1000	-0.608	-0.648	34.914	28.069	2.00

B88.294					
depth	temp	theta	salnty	sig_th	delta
1010	-0.613	-0.654	34.914	28.069	1.91
1020	-0.617	-0.658	34.914	28.069	1.90
1030	-0.615	-0.657	34.913	28.069	1.91

B88.295					
depth	temp	theta	salnty	sig_th	delta
10	5.055	5.054	34.266	27.087	96.64
15	5.284	5.283	34.277	27.069	98.38
20	5.298	5.296	34.262	27.056	99.72
25	4.926	4.924	34.265	27.102	95.45
30	3.898	3.896	34.232	27.186	87.40
35	1.608	1.606	34.450	27.561	51.74
40	1.168	1.166	34.480	27.617	46.46
45	-0.322	-0.324	34.566	27.772	31.59
50	-0.982	-0.983	34.607	27.834	25.58
55	-1.623	-1.625	34.601	27.852	23.82
60	-1.674	-1.675	34.590	27.844	24.48
65	-1.607	-1.609	34.578	27.833	25.56
70	-1.585	-1.587	34.582	27.835	25.33
75	-1.580	-1.582	34.584	27.837	25.13
80	-1.390	-1.392	34.596	27.840	24.81
85	-1.098	-1.100	34.618	27.848	24.19
90	-1.050	-1.053	34.630	27.855	23.45
95	-0.897	-0.900	34.658	27.873	21.84
100	-0.722	-0.725	34.676	27.879	21.24
110	-0.610	-0.613	34.715	27.906	18.72
120	-0.358	-0.362	34.749	27.922	17.32
130	-0.165	-0.170	34.779	27.936	15.99
140	0.288	0.283	34.824	27.948	15.06
150	0.314	0.307	34.832	27.954	14.58
160	0.324	0.317	34.844	27.963	13.69
170	0.343	0.336	34.852	27.968	13.22
180	0.438	0.430	34.865	27.973	12.84
190	0.366	0.358	34.867	27.979	12.22
200	0.381	0.373	34.870	27.980	12.12
210	0.432	0.423	34.880	27.985	11.72
220	0.345	0.336	34.875	27.986	11.57
230	0.244	0.235	34.879	27.995	10.67
240	0.195	0.185	34.874	27.995	10.71
250	0.235	0.225	34.879	27.996	10.60
260	0.196	0.185	34.879	27.999	10.32
270	0.156	0.145	34.878	28.000	10.19
280	0.185	0.174	34.885	28.004	9.83
290	0.201	0.189	34.889	28.006	9.66
300	0.193	0.181	34.891	28.008	9.46
310	0.186	0.173	34.892	28.010	9.33
320	0.170	0.157	34.893	28.011	9.15
330	0.169	0.155	34.895	28.013	8.97
340	0.165	0.151	34.897	28.015	8.79
350	0.164	0.150	34.899	28.017	8.67
360	0.158	0.143	34.900	28.018	8.57
370	0.154	0.139	34.901	28.019	8.47
380	0.146	0.130	34.901	28.020	8.38
390	0.115	0.099	34.904	28.024	7.98
400	0.101	0.085	34.905	28.025	7.86
410	0.090	0.074	34.905	28.026	7.75
420	0.067	0.050	34.906	28.028	7.51
430	0.046	0.029	34.907	28.030	7.30
440	0.022	0.004	34.908	28.032	7.12
450	-0.015	-0.033	34.907	28.033	6.97
460	-0.034	-0.052	34.906	28.033	6.89

B88.295					
depth	temp	theta	salnty	sig_th	delta
470	-0.057	-0.075	34.906	28.035	6.74
480	-0.073	-0.092	34.907	28.036	6.57
490	-0.097	-0.116	34.907	28.038	6.40
500	-0.106	-0.126	34.907	28.038	6.34
510	-0.126	-0.146	34.908	28.040	6.18
520	-0.148	-0.169	34.909	28.041	5.96
530	-0.163	-0.184	34.909	28.043	5.82
540	-0.169	-0.190	34.909	28.043	5.76
550	-0.187	-0.209	34.909	28.044	5.66
560	-0.203	-0.226	34.910	28.045	5.52
570	-0.219	-0.241	34.910	28.047	5.35
580	-0.255	-0.278	34.911	28.049	5.10
590	-0.269	-0.292	34.911	28.049	5.01
600	-0.280	-0.303	34.911	28.050	4.93
610	-0.291	-0.315	34.911	28.051	4.83
620	-0.304	-0.328	34.911	28.051	4.73
630	-0.315	-0.340	34.911	28.052	4.63
640	-0.327	-0.352	34.911	28.052	4.57
650	-0.343	-0.368	34.912	28.054	4.40
660	-0.355	-0.381	34.912	28.055	4.29
670	-0.372	-0.399	34.912	28.056	4.13
680	-0.389	-0.415	34.912	28.056	4.04
690	-0.398	-0.425	34.912	28.057	3.98
700	-0.417	-0.445	34.913	28.059	3.76
710	-0.426	-0.454	34.913	28.059	3.73
720	-0.443	-0.471	34.913	28.060	3.56
730	-0.451	-0.479	34.913	28.060	3.51
740	-0.458	-0.487	34.913	28.061	3.44
750	-0.465	-0.494	34.913	28.061	3.41
760	-0.475	-0.504	34.913	28.062	3.30
770	-0.490	-0.521	34.913	28.063	3.16
780	-0.498	-0.528	34.914	28.063	3.08
790	-0.507	-0.538	34.914	28.064	3.01
800	-0.515	-0.546	34.914	28.064	2.92
810	-0.528	-0.560	34.914	28.065	2.79
820	-0.530	-0.562	34.914	28.065	2.78
830	-0.534	-0.567	34.914	28.065	2.76
840	-0.547	-0.580	34.914	28.066	2.62
850	-0.549	-0.582	34.914	28.066	2.61
860	-0.552	-0.586	34.914	28.066	2.57
870	-0.554	-0.588	34.915	28.067	2.51
880	-0.556	-0.591	34.914	28.067	2.48
890	-0.567	-0.602	34.915	28.068	2.36
900	-0.581	-0.616	34.916	28.069	2.20
910	-0.589	-0.625	34.915	28.069	2.15
920	-0.598	-0.634	34.916	28.070	2.06
930	-0.608	-0.644	34.916	28.070	1.96
940	-0.629	-0.666	34.916	28.071	1.80
950	-0.638	-0.676	34.916	28.072	1.69
960	-0.655	-0.693	34.917	28.073	1.51
970	-0.656	-0.694	34.917	28.073	1.50
980	-0.655	-0.694	34.916	28.072	1.54
990	-0.661	-0.700	34.916	28.073	1.46
1000	-0.667	-0.707	34.916	28.073	1.42
1010	-0.668	-0.708	34.917	28.074	1.34

B88.295					
depth	temp	theta	salnty	sig_th	delta
1020	-0.670	-0.711	34.917	28.074	1.31
1030	-0.672	-0.713	34.917	28.074	1.28
1040	-0.674	-0.716	34.917	28.074	1.24
1050	-0.668	-0.711	34.917	28.074	1.26

B88.296					
depth	temp	theta	salnty	sig_th	delta
5	4.527	4.527	33.956	26.900	114.31
10	4.503	4.502	33.947	26.896	114.74
15	4.500	4.499	34.029	26.961	108.62
20	4.233	4.232	34.064	27.018	103.28
25	3.293	3.291	34.209	27.227	83.46
30	0.952	0.950	34.294	27.481	59.26
35	-0.749	-0.750	34.415	27.669	41.25
40	-1.061	-1.062	34.462	27.719	36.47
45	-1.363	-1.364	34.520	27.777	30.93
50	-1.635	-1.637	34.524	27.789	29.74
55	-1.618	-1.619	34.539	27.801	28.60
60	-1.573	-1.575	34.550	27.809	27.87
65	-1.626	-1.627	34.561	27.819	26.85
70	-1.643	-1.644	34.574	27.830	25.75
75	-1.571	-1.572	34.595	27.845	24.33
80	-1.511	-1.513	34.598	27.845	24.30
85	-1.344	-1.346	34.618	27.856	23.30
90	-1.112	-1.114	34.642	27.867	22.29
95	-0.776	-0.779	34.674	27.880	21.17
100	-0.335	-0.339	34.721	27.899	19.54
110	-0.023	-0.027	34.776	27.927	16.96
120	-0.033	-0.037	34.787	27.936	16.06
130	0.068	0.063	34.815	27.953	14.50
140	0.064	0.058	34.824	27.961	13.79
150	0.246	0.240	34.839	27.963	13.62
160	0.250	0.244	34.854	27.975	12.57
170	0.243	0.237	34.858	27.978	12.23
180	0.266	0.259	34.864	27.982	11.87
190	0.314	0.306	34.873	27.986	11.51
200	0.339	0.331	34.880	27.991	11.14
210	0.326	0.317	34.883	27.994	10.79
220	0.316	0.307	34.890	28.001	10.18
230	0.309	0.300	34.895	28.005	9.78
240	0.385	0.375	34.903	28.007	9.67
250	0.343	0.333	34.905	28.011	9.28
260	0.334	0.323	34.906	28.012	9.15
270	0.308	0.297	34.909	28.016	8.80
280	0.255	0.244	34.905	28.016	8.76
290	0.260	0.248	34.908	28.018	8.56
300	0.275	0.263	34.910	28.019	8.53
310	0.247	0.234	34.910	28.021	8.31
320	0.249	0.236	34.912	28.022	8.20
330	0.223	0.210	34.913	28.024	7.98
340	0.205	0.191	34.913	28.025	7.87
350	0.154	0.139	34.912	28.028	7.61
360	0.140	0.126	34.911	28.028	7.61
370	0.115	0.100	34.912	28.030	7.35
380	0.088	0.073	34.911	28.031	7.29
390	0.036	0.021	34.907	28.030	7.27
400	0.024	0.008	34.909	28.033	7.03
410	0.011	-0.006	34.910	28.034	6.90
420	-0.010	-0.027	34.909	28.034	6.82
430	-0.026	-0.043	34.910	28.036	6.69
440	-0.060	-0.078	34.909	28.037	6.50
450	-0.090	-0.108	34.910	28.039	6.27

B88.296					
depth	temp	theta	salnty	sig_th	delta
460	-0.108	-0.127	34.910	28.040	6.14
470	-0.133	-0.151	34.911	28.042	5.93
480	-0.157	-0.176	34.910	28.043	5.86
490	-0.172	-0.191	34.909	28.043	5.81
500	-0.197	-0.217	34.910	28.045	5.60
510	-0.216	-0.236	34.909	28.045	5.50
520	-0.225	-0.245	34.909	28.046	5.44
530	-0.237	-0.258	34.909	28.046	5.37
540	-0.253	-0.274	34.910	28.048	5.22
550	-0.272	-0.294	34.910	28.049	5.05
560	-0.287	-0.309	34.910	28.050	4.93
570	-0.294	-0.317	34.910	28.050	4.91
580	-0.306	-0.329	34.910	28.051	4.79
590	-0.318	-0.340	34.910	28.051	4.72
600	-0.340	-0.363	34.911	28.053	4.51
610	-0.354	-0.378	34.911	28.054	4.43
620	-0.377	-0.401	34.911	28.055	4.23
630	-0.383	-0.407	34.911	28.055	4.20
640	-0.394	-0.418	34.912	28.056	4.07
650	-0.408	-0.433	34.912	28.058	3.94
660	-0.411	-0.437	34.912	28.057	3.95
670	-0.428	-0.454	34.913	28.059	3.74
680	-0.440	-0.466	34.913	28.060	3.64
690	-0.454	-0.480	34.913	28.060	3.53
700	-0.460	-0.487	34.913	28.061	3.47
710	-0.470	-0.497	34.914	28.062	3.37
720	-0.474	-0.502	34.913	28.062	3.33
730	-0.483	-0.511	34.914	28.063	3.24
740	-0.496	-0.525	34.914	28.063	3.13
750	-0.504	-0.533	34.915	28.064	3.02
760	-0.509	-0.539	34.914	28.064	2.98
770	-0.518	-0.548	34.914	28.064	2.94
780	-0.527	-0.557	34.915	28.065	2.81
790	-0.531	-0.562	34.914	28.065	2.83
800	-0.536	-0.567	34.914	28.065	2.77
810	-0.541	-0.573	34.914	28.065	2.73
820	-0.550	-0.583	34.914	28.066	2.65
830	-0.558	-0.591	34.915	28.067	2.50
840	-0.563	-0.596	34.915	28.067	2.47
850	-0.569	-0.602	34.915	28.068	2.39
860	-0.572	-0.605	34.915	28.067	2.41
870	-0.577	-0.611	34.915	28.068	2.31
880	-0.582	-0.616	34.915	28.069	2.25
890	-0.586	-0.621	34.915	28.069	2.21
900	-0.596	-0.631	34.916	28.070	2.09
910	-0.607	-0.643	34.916	28.070	2.01
920	-0.609	-0.645	34.915	28.070	1.99
930	-0.612	-0.649	34.915	28.070	1.97
940	-0.617	-0.655	34.916	28.070	1.88
950	-0.624	-0.662	34.916	28.071	1.83
960	-0.628	-0.666	34.916	28.071	1.78
970	-0.632	-0.670	34.916	28.071	1.73
980	-0.636	-0.675	34.916	28.071	1.68
990	-0.644	-0.683	34.916	28.072	1.57
1000	-0.648	-0.688	34.916	28.072	1.53

B88.296					
depth	temp	theta	salnty	sig_th	delta
1010	-0.647	-0.688	34.915	28.071	1.60
1020	-0.657	-0.697	34.916	28.073	1.43
1030	-0.660	-0.701	34.916	28.073	1.38
1040	-0.666	-0.708	34.916	28.073	1.31
1050	-0.671	-0.713	34.917	28.074	1.25
1060	-0.674	-0.716	34.916	28.074	1.23
1070	-0.676	-0.719	34.916	28.074	1.18
1080	-0.677	-0.721	34.917	28.074	1.15
1090	-0.679	-0.723	34.916	28.074	1.13
1100	-0.681	-0.726	34.916	28.074	1.11
1110	-0.681	-0.726	34.916	28.074	1.07
1120	-0.682	-0.727	34.916	28.074	1.09
1130	-0.684	-0.730	34.916	28.074	1.03
1140	-0.685	-0.731	34.916	28.074	1.00
1150	-0.686	-0.733	34.916	28.075	0.96
1160	-0.687	-0.734	34.916	28.075	0.95
1170	-0.687	-0.735	34.917	28.075	0.91
1180	-0.689	-0.737	34.917	28.075	0.87
1190	-0.693	-0.742	34.916	28.075	0.86
1200	-0.697	-0.746	34.916	28.075	0.79

B88.297					
depth	temp	theta	salnty	sig_th	delta
5	5.780	5.780	34.382	27.092	96.15
10	5.792	5.791	34.381	27.090	96.41
15	5.800	5.799	34.388	27.095	96.00
20	6.037	6.035	34.500	27.153	90.52
25	5.508	5.506	34.511	27.228	83.51
30	3.593	3.591	34.657	27.555	52.43
35	0.133	0.131	34.781	27.923	17.39
40	-0.793	-0.794	34.619	27.836	25.46
45	-1.284	-1.285	34.626	27.860	23.08
50	-1.395	-1.396	34.599	27.843	24.74
55	-1.375	-1.377	34.603	27.846	24.44
60	-1.190	-1.191	34.614	27.848	24.26
65	-0.587	-0.589	34.635	27.840	25.04
70	0.196	0.193	34.694	27.849	24.39
75	0.390	0.387	34.734	27.870	22.41
80	0.687	0.684	34.787	27.895	20.15
85	0.829	0.825	34.802	27.898	19.94
90	1.051	1.047	34.829	27.905	19.28
95	1.185	1.181	34.847	27.910	18.85
100	1.379	1.374	34.858	27.906	19.38
110	1.255	1.249	34.882	27.934	16.71
120	0.920	0.915	34.874	27.950	15.08
130	0.928	0.922	34.880	27.954	14.72
140	0.861	0.854	34.884	27.962	13.98
150	0.868	0.861	34.888	27.964	13.79
160	0.889	0.882	34.893	27.967	13.54
170	0.830	0.822	34.892	27.970	13.28
180	0.838	0.830	34.898	27.974	12.90
190	0.838	0.829	34.900	27.977	12.73
200	0.840	0.831	34.903	27.979	12.51
210	0.752	0.742	34.899	27.981	12.27
220	0.731	0.721	34.898	27.982	12.23
230	0.724	0.714	34.899	27.983	12.12
240	0.704	0.693	34.899	27.984	12.03
250	0.698	0.687	34.899	27.985	12.00
260	0.624	0.612	34.897	27.988	11.70
270	0.557	0.545	34.900	27.995	10.99
280	0.522	0.510	34.896	27.993	11.09
290	0.457	0.445	34.897	27.998	10.63
300	0.394	0.382	34.895	28.000	10.40
310	0.362	0.349	34.893	28.001	10.32
320	0.328	0.314	34.894	28.003	10.07
330	0.293	0.279	34.890	28.002	10.15
340	0.239	0.225	34.892	28.007	9.64
350	0.194	0.180	34.892	28.009	9.42
360	0.173	0.158	34.891	28.010	9.31
370	0.164	0.149	34.893	28.012	9.12
380	0.168	0.153	34.895	28.013	9.01
390	0.195	0.178	34.899	28.015	8.91
400	0.183	0.167	34.900	28.017	8.70
410	0.175	0.158	34.902	28.018	8.54
420	0.166	0.148	34.903	28.020	8.41
430	0.142	0.124	34.904	28.022	8.20
440	0.129	0.111	34.904	28.023	8.10
450	0.097	0.078	34.905	28.026	7.79

B88.297					
depth	temp	theta	salnty	sig_th	delta
460	0.081	0.062	34.905	28.026	7.74
470	0.069	0.049	34.905	28.027	7.65
480	0.045	0.025	34.907	28.030	7.34
490	0.022	0.002	34.907	28.031	7.19
500	-0.001	-0.021	34.907	28.032	7.05
510	-0.039	-0.060	34.907	28.034	6.80
520	-0.054	-0.075	34.907	28.035	6.69
530	-0.073	-0.094	34.908	28.037	6.50
540	-0.097	-0.118	34.908	28.038	6.33
550	-0.119	-0.141	34.907	28.039	6.26
560	-0.133	-0.155	34.907	28.040	6.14
570	-0.145	-0.168	34.907	28.040	6.09
580	-0.159	-0.182	34.907	28.041	5.95
590	-0.173	-0.197	34.908	28.042	5.80
600	-0.188	-0.212	34.908	28.043	5.68
610	-0.208	-0.232	34.909	28.045	5.52
620	-0.229	-0.254	34.910	28.046	5.32
630	-0.243	-0.268	34.909	28.047	5.24
640	-0.260	-0.286	34.909	28.048	5.11
650	-0.269	-0.295	34.910	28.049	5.03
660	-0.280	-0.306	34.910	28.049	4.93
670	-0.286	-0.313	34.910	28.050	4.86
680	-0.300	-0.327	34.910	28.051	4.76
690	-0.319	-0.346	34.910	28.052	4.61
700	-0.341	-0.369	34.911	28.053	4.41
710	-0.356	-0.384	34.912	28.055	4.26
720	-0.370	-0.399	34.912	28.055	4.15
730	-0.388	-0.417	34.912	28.057	3.98
740	-0.399	-0.428	34.912	28.057	3.91
750	-0.410	-0.440	34.912	28.058	3.82
760	-0.419	-0.449	34.912	28.058	3.72
770	-0.429	-0.460	34.913	28.059	3.64
780	-0.437	-0.468	34.913	28.059	3.57
790	-0.451	-0.483	34.913	28.060	3.43
800	-0.463	-0.495	34.913	28.061	3.34
810	-0.470	-0.502	34.912	28.061	3.32
820	-0.482	-0.515	34.913	28.062	3.17
830	-0.498	-0.531	34.913	28.063	3.04
840	-0.512	-0.545	34.913	28.064	2.92
850	-0.516	-0.550	34.914	28.064	2.85
860	-0.526	-0.560	34.913	28.064	2.80
870	-0.536	-0.570	34.914	28.065	2.69
880	-0.542	-0.577	34.914	28.066	2.60
890	-0.551	-0.587	34.915	28.067	2.50
900	-0.563	-0.598	34.915	28.067	2.40
910	-0.568	-0.605	34.915	28.067	2.34
920	-0.572	-0.609	34.915	28.068	2.30
930	-0.581	-0.618	34.914	28.068	2.27
940	-0.588	-0.626	34.915	28.069	2.14
950	-0.597	-0.635	34.915	28.069	2.03
960	-0.608	-0.646	34.916	28.070	1.91
970	-0.615	-0.654	34.916	28.070	1.85
980	-0.620	-0.660	34.915	28.071	1.81
990	-0.626	-0.666	34.916	28.071	1.70
1000	-0.629	-0.669	34.915	28.071	1.72

B88.297					
depth	temp	theta	salnty	sig_th	delta
1010	-0.639	-0.680	34.916	28.072	1.56
1020	-0.647	-0.688	34.916	28.072	1.49
1030	-0.651	-0.692	34.916	28.073	1.45
1040	-0.655	-0.696	34.917	28.073	1.38
1050	-0.657	-0.699	34.916	28.073	1.37
1060	-0.661	-0.704	34.916	28.073	1.31
1070	-0.662	-0.706	34.916	28.073	1.30
1080	-0.666	-0.710	34.916	28.074	1.24
1090	-0.667	-0.712	34.916	28.074	1.21
1100	-0.668	-0.713	34.916	28.074	1.20
1110	-0.669	-0.714	34.916	28.073	1.19
1120	-0.670	-0.716	34.916	28.073	1.17
1130	-0.670	-0.717	34.917	28.074	1.10
1140	-0.675	-0.722	34.917	28.074	1.05
1150	-0.678	-0.725	34.916	28.074	1.04
1160	-0.679	-0.727	34.917	28.074	0.98
1170	-0.682	-0.731	34.917	28.075	0.94
1180	-0.686	-0.735	34.917	28.075	0.89
1190	-0.689	-0.738	34.917	28.075	0.83
1200	-0.691	-0.740	34.917	28.075	0.81
1210	-0.694	-0.744	34.917	28.076	0.74
1220	-0.697	-0.748	34.917	28.076	0.71
1230	-0.704	-0.755	34.917	28.076	0.67
1240	-0.707	-0.759	34.917	28.076	0.61
1250	-0.711	-0.763	34.917	28.076	0.57
1260	-0.713	-0.765	34.917	28.077	0.50
1270	-0.715	-0.768	34.917	28.076	0.49

B88.298					
depth	temp	theta	salnty	sig_th	delta
5	5.095	5.095	34.227	27.051	99.96
10	5.095	5.094	34.216	27.043	100.82
15	5.273	5.272	34.375	27.148	90.96
20	3.009	3.008	34.416	27.418	65.30
25	2.242	2.240	34.401	27.473	60.12
30	1.223	1.222	34.535	27.657	42.63
35	0.136	0.135	34.507	27.701	38.33
40	-1.051	-1.052	34.532	27.776	31.09
45	-1.217	-1.219	34.539	27.788	29.97
50	-1.382	-1.383	34.568	27.817	27.11
55	-1.416	-1.417	34.566	27.817	27.14
60	-1.408	-1.410	34.572	27.821	26.74
65	-1.273	-1.274	34.589	27.830	25.86
70	-1.039	-1.041	34.609	27.838	25.13
75	-0.413	-0.415	34.657	27.850	24.14
80	-0.382	-0.384	34.694	27.878	21.47
85	-0.282	-0.285	34.735	27.907	18.81
90	0.101	0.098	34.768	27.914	18.25
95	0.020	0.016	34.762	27.913	18.24
100	0.309	0.305	34.781	27.912	18.42
110	0.871	0.866	34.849	27.933	16.63
120	0.886	0.881	34.867	27.947	15.39
130	0.912	0.906	34.879	27.954	14.69
140	0.916	0.909	34.885	27.959	14.25
150	0.914	0.908	34.892	27.965	13.80
160	0.901	0.894	34.895	27.968	13.47
170	0.858	0.851	34.898	27.974	12.96
180	0.829	0.821	34.899	27.976	12.71
190	0.805	0.797	34.901	27.979	12.43
200	0.747	0.738	34.901	27.983	12.11
210	0.691	0.682	34.900	27.986	11.77
220	0.661	0.652	34.898	27.986	11.78
230	0.581	0.571	34.895	27.989	11.51
240	0.560	0.550	34.896	27.991	11.34
250	0.501	0.491	34.894	27.993	11.10
260	0.400	0.390	34.891	27.997	10.67
270	0.365	0.353	34.891	27.999	10.47
280	0.317	0.305	34.889	28.000	10.34
290	0.322	0.310	34.893	28.003	10.06
300	0.279	0.266	34.891	28.004	9.96
310	0.310	0.297	34.897	28.006	9.75
320	0.327	0.313	34.901	28.009	9.50
330	0.313	0.299	34.903	28.011	9.29
340	0.310	0.296	34.905	28.013	9.12
350	0.314	0.299	34.905	28.013	9.13
360	0.309	0.294	34.908	28.016	8.91
370	0.277	0.262	34.906	28.016	8.85
380	0.172	0.156	34.905	28.021	8.28
390	0.150	0.134	34.904	28.021	8.25
400	0.127	0.111	34.906	28.025	7.89
410	0.113	0.096	34.906	28.025	7.84
420	0.100	0.083	34.906	28.026	7.78
430	0.075	0.058	34.906	28.027	7.60
440	0.032	0.014	34.906	28.029	7.34
450	-0.003	-0.022	34.906	28.032	7.06

B88.298					
depth	temp	theta	salnty	sig_th	delta
460	-0.024	-0.042	34.906	28.033	6.93
470	-0.036	-0.055	34.907	28.034	6.81
480	-0.055	-0.074	34.907	28.036	6.66
490	-0.064	-0.084	34.907	28.035	6.65
500	-0.081	-0.101	34.908	28.037	6.48
510	-0.095	-0.116	34.908	28.038	6.33
520	-0.123	-0.144	34.909	28.040	6.11
530	-0.139	-0.160	34.909	28.041	6.02
540	-0.161	-0.183	34.909	28.042	5.86
550	-0.176	-0.198	34.909	28.044	5.71
560	-0.214	-0.236	34.910	28.046	5.41
570	-0.231	-0.254	34.909	28.046	5.35
580	-0.242	-0.265	34.910	28.048	5.22
590	-0.267	-0.290	34.910	28.049	5.03
600	-0.274	-0.297	34.910	28.049	5.01
610	-0.283	-0.307	34.910	28.050	4.93
620	-0.305	-0.329	34.912	28.052	4.66
630	-0.319	-0.344	34.912	28.053	4.55
640	-0.324	-0.349	34.911	28.053	4.55
650	-0.330	-0.356	34.912	28.053	4.49
660	-0.339	-0.365	34.912	28.054	4.39
670	-0.348	-0.374	34.912	28.055	4.29
680	-0.366	-0.393	34.912	28.056	4.16
690	-0.375	-0.402	34.912	28.056	4.11
700	-0.389	-0.417	34.912	28.057	4.00
710	-0.397	-0.424	34.912	28.057	3.95
720	-0.409	-0.437	34.913	28.058	3.82
730	-0.415	-0.443	34.913	28.058	3.76
740	-0.424	-0.453	34.913	28.059	3.65
750	-0.431	-0.460	34.913	28.060	3.58
760	-0.438	-0.468	34.913	28.060	3.55
770	-0.443	-0.473	34.913	28.060	3.50
780	-0.450	-0.481	34.913	28.061	3.42
790	-0.458	-0.489	34.913	28.061	3.37
800	-0.485	-0.517	34.915	28.063	3.07
810	-0.498	-0.530	34.915	28.064	2.95
820	-0.500	-0.533	34.914	28.064	2.96
830	-0.501	-0.534	34.914	28.064	2.97
840	-0.503	-0.536	34.914	28.064	2.93
850	-0.506	-0.540	34.914	28.064	2.89
860	-0.511	-0.545	34.914	28.064	2.83
870	-0.514	-0.549	34.914	28.064	2.84
880	-0.519	-0.554	34.914	28.065	2.74
890	-0.525	-0.561	34.915	28.066	2.66
900	-0.528	-0.564	34.914	28.065	2.66
910	-0.537	-0.573	34.915	28.066	2.56
920	-0.544	-0.581	34.915	28.066	2.49
930	-0.552	-0.589	34.915	28.067	2.38
940	-0.558	-0.596	34.916	28.068	2.30
950	-0.564	-0.602	34.915	28.068	2.27
960	-0.572	-0.611	34.916	28.069	2.14

B88.299					
depth	temp	theta	salnty	sig_th	delta
5	5.220	5.220	34.127	26.958	108.85
10	5.219	5.218	34.130	26.960	108.65
15	5.366	5.365	34.296	27.074	97.92
20	5.779	5.777	34.498	27.184	87.61
25	5.740	5.738	34.543	27.224	83.87
30	5.436	5.434	34.559	27.275	79.14
35	3.213	3.211	34.472	27.444	62.99
40	1.407	1.405	34.579	27.679	40.56
45	-0.410	-0.411	34.585	27.792	29.68
50	-0.631	-0.633	34.559	27.781	30.70
55	-0.686	-0.688	34.598	27.814	27.49
60	-1.136	-1.138	34.591	27.827	26.22
65	-1.276	-1.278	34.589	27.830	25.85
70	-1.374	-1.376	34.593	27.837	25.17
75	-1.072	-1.074	34.624	27.852	23.85
80	-0.768	-0.771	34.628	27.843	24.74
85	-0.686	-0.689	34.650	27.857	23.43
90	-1.195	-1.198	34.647	27.875	21.58
95	-1.060	-1.063	34.656	27.877	21.40
100	-0.962	-0.965	34.662	27.878	21.30
110	-0.811	-0.815	34.678	27.885	20.64
120	-0.227	-0.231	34.733	27.902	19.20
130	0.214	0.209	34.790	27.925	17.21
140	0.284	0.278	34.816	27.942	15.65
150	0.594	0.587	34.851	27.952	14.86
160	0.540	0.533	34.857	27.961	14.02
170	0.595	0.588	34.867	27.965	13.63
180	0.656	0.648	34.879	27.971	13.14
190	0.670	0.662	34.884	27.974	12.85
200	0.683	0.675	34.891	27.979	12.43
210	0.686	0.677	34.894	27.982	12.21
220	0.675	0.665	34.898	27.986	11.84
230	0.627	0.617	34.900	27.990	11.41
240	0.606	0.595	34.901	27.992	11.20
250	0.558	0.547	34.902	27.996	10.85
260	0.535	0.524	34.903	27.998	10.62
270	0.493	0.481	34.904	28.001	10.34
280	0.440	0.428	34.903	28.004	10.03
290	0.397	0.385	34.904	28.008	9.68
300	0.374	0.362	34.904	28.009	9.58
310	0.357	0.344	34.906	28.011	9.35
320	0.336	0.322	34.907	28.013	9.10
330	0.311	0.297	34.908	28.015	8.90
340	0.262	0.248	34.907	28.018	8.64
350	0.251	0.236	34.908	28.019	8.56
360	0.236	0.221	34.908	28.020	8.45
370	0.218	0.202	34.908	28.021	8.36
380	0.200	0.185	34.908	28.022	8.24
390	0.175	0.159	34.909	28.024	8.00
400	0.160	0.144	34.909	28.025	7.93
410	0.146	0.129	34.909	28.026	7.79
420	0.126	0.109	34.909	28.027	7.69
430	0.104	0.086	34.910	28.029	7.50
440	0.090	0.072	34.910	28.029	7.42
450	0.058	0.040	34.910	28.031	7.20

B88.299					
depth	temp	theta	salnty	sig_th	delta
460	0.041	0.022	34.909	28.032	7.14
470	0.020	0.001	34.909	28.033	7.02
480	0.004	-0.015	34.909	28.034	6.92
490	-0.017	-0.036	34.909	28.035	6.76
500	-0.050	-0.070	34.910	28.037	6.51
510	-0.068	-0.088	34.909	28.038	6.41
520	-0.090	-0.111	34.910	28.039	6.27
530	-0.109	-0.130	34.910	28.040	6.12
540	-0.134	-0.156	34.910	28.042	5.92
550	-0.149	-0.171	34.910	28.043	5.83
560	-0.172	-0.195	34.910	28.044	5.69
570	-0.182	-0.205	34.910	28.044	5.63
580	-0.210	-0.233	34.910	28.046	5.39
590	-0.224	-0.247	34.910	28.047	5.31
600	-0.242	-0.265	34.911	28.048	5.14
610	-0.258	-0.282	34.911	28.049	5.06
620	-0.270	-0.294	34.911	28.050	4.95
630	-0.277	-0.302	34.910	28.050	4.93
640	-0.287	-0.313	34.911	28.050	4.84
650	-0.302	-0.327	34.911	28.051	4.72
660	-0.316	-0.342	34.912	28.053	4.55
670	-0.331	-0.358	34.911	28.053	4.52
680	-0.344	-0.371	34.912	28.054	4.35
690	-0.352	-0.379	34.911	28.054	4.32
700	-0.357	-0.385	34.911	28.055	4.27
710	-0.363	-0.391	34.912	28.055	4.22
720	-0.376	-0.404	34.912	28.056	4.07
730	-0.387	-0.416	34.912	28.056	4.00
740	-0.397	-0.426	34.912	28.057	3.92
750	-0.409	-0.439	34.912	28.058	3.81
760	-0.422	-0.452	34.913	28.059	3.68
770	-0.427	-0.458	34.912	28.059	3.66
780	-0.435	-0.466	34.912	28.059	3.60
790	-0.452	-0.483	34.913	28.061	3.42
800	-0.462	-0.494	34.913	28.061	3.33
810	-0.469	-0.501	34.913	28.061	3.28
820	-0.481	-0.513	34.913	28.062	3.19
830	-0.492	-0.525	34.914	28.063	3.04
840	-0.504	-0.537	34.914	28.064	2.95
850	-0.519	-0.553	34.914	28.065	2.79
860	-0.527	-0.562	34.914	28.065	2.74
870	-0.537	-0.571	34.914	28.065	2.67
880	-0.545	-0.580	34.914	28.066	2.62
890	-0.553	-0.588	34.914	28.066	2.50
900	-0.555	-0.591	34.914	28.066	2.49
910	-0.568	-0.604	34.915	28.067	2.35
920	-0.574	-0.611	34.915	28.068	2.27
930	-0.579	-0.616	34.915	28.068	2.24
940	-0.583	-0.620	34.915	28.068	2.19
950	-0.589	-0.627	34.915	28.069	2.13
960	-0.596	-0.634	34.915	28.069	2.04
970	-0.605	-0.643	34.916	28.070	1.92
980	-0.608	-0.647	34.915	28.070	1.91
990	-0.611	-0.651	34.915	28.070	1.86
1000	-0.615	-0.655	34.915	28.070	1.82

B88.299					
depth	temp	theta	salnty	sig_th	delta
1010	-0.622	-0.663	34.916	28.071	1.70
1020	-0.629	-0.670	34.915	28.071	1.68
1030	-0.635	-0.676	34.916	28.071	1.61
1040	-0.639	-0.681	34.916	28.072	1.55
1050	-0.642	-0.685	34.916	28.072	1.51
1060	-0.647	-0.690	34.916	28.072	1.47
1070	-0.650	-0.693	34.916	28.072	1.42
1080	-0.652	-0.696	34.915	28.072	1.41
1090	-0.655	-0.699	34.916	28.073	1.33
1100	-0.657	-0.702	34.916	28.073	1.29
1110	-0.659	-0.704	34.916	28.073	1.25
1120	-0.664	-0.710	34.916	28.073	1.18
1130	-0.666	-0.713	34.916	28.073	1.21
1140	-0.674	-0.720	34.916	28.074	1.10
1150	-0.680	-0.728	34.917	28.074	1.00
1160	-0.683	-0.731	34.917	28.075	0.94
1170	-0.685	-0.733	34.916	28.074	0.95
1180	-0.688	-0.737	34.917	28.075	0.88
1190	-0.690	-0.739	34.916	28.075	0.88
1200	-0.691	-0.740	34.916	28.075	0.84
1210	-0.692	-0.742	34.916	28.075	0.83
1220	-0.696	-0.747	34.917	28.075	0.74
1230	-0.699	-0.750	34.917	28.075	0.71
1240	-0.702	-0.753	34.916	28.076	0.67
1250	-0.703	-0.755	34.917	28.076	0.64
1260	-0.704	-0.757	34.917	28.076	0.61
1270	-0.706	-0.759	34.916	28.076	0.59
1280	-0.708	-0.761	34.916	28.076	0.55
1290	-0.709	-0.763	34.917	28.076	0.51
1300	-0.711	-0.765	34.917	28.076	0.49
1310	-0.713	-0.768	34.916	28.076	0.47
1320	-0.714	-0.770	34.917	28.076	0.41
1330	-0.714	-0.771	34.917	28.076	0.40
1340	-0.717	-0.773	34.917	28.076	0.36
1350	-0.719	-0.776	34.917	28.077	0.33
1360	-0.720	-0.778	34.917	28.077	0.28
1370	-0.720	-0.778	34.916	28.076	0.31
1380	-0.721	-0.780	34.916	28.077	0.25
1390	-0.722	-0.781	34.917	28.077	0.22
1400	-0.722	-0.782	34.916	28.077	0.21
1410	-0.723	-0.784	34.917	28.077	0.17
1420	-0.723	-0.784	34.917	28.077	0.16
1430	-0.722	-0.784	34.916	28.077	0.15
1440	-0.722	-0.784	34.916	28.077	0.13
1450	-0.723	-0.786	34.917	28.077	0.09
1460	-0.723	-0.786	34.917	28.077	0.07
1470	-0.723	-0.787	34.917	28.077	0.04
1480	-0.723	-0.787	34.916	28.077	0.05
1490	-0.723	-0.788	34.916	28.077	0.03
1500	-0.723	-0.788	34.917	28.077	-0.01
1510	-0.723	-0.789	34.917	28.077	-0.03
1520	-0.722	-0.789	34.917	28.077	-0.04
1530	-0.722	-0.789	34.917	28.077	-0.07
1540	-0.722	-0.789	34.916	28.077	-0.06
1550	-0.721	-0.790	34.916	28.077	-0.07
1560	-0.721	-0.790	34.917	28.077	-0.10

B88.300					
depth	temp	theta	salnty	sig_th	delta
5	5.698	5.698	34.454	27.159	89.78
10	5.706	5.705	34.450	27.155	90.18
15	5.706	5.705	34.451	27.156	90.20
20	5.713	5.711	34.452	27.156	90.27
25	5.460	5.458	34.480	27.209	85.29
30	4.348	4.346	34.542	27.385	68.61
35	2.532	2.530	34.443	27.482	59.34
40	0.949	0.947	34.452	27.608	47.20
45	0.337	0.336	34.459	27.651	43.07
50	-0.164	-0.166	34.478	27.693	39.03
55	-0.567	-0.568	34.546	27.768	31.92
60	-0.210	-0.212	34.571	27.771	31.68
65	-0.523	-0.525	34.602	27.811	27.86
70	-0.143	-0.145	34.653	27.834	25.76
75	-0.149	-0.152	34.665	27.844	24.79
80	-0.202	-0.205	34.674	27.853	23.87
85	-0.354	-0.357	34.683	27.869	22.39
90	-0.241	-0.245	34.693	27.871	22.22
95	-0.304	-0.307	34.696	27.876	21.66
100	-0.409	-0.412	34.696	27.881	21.14
110	-0.230	-0.233	34.727	27.898	19.65
120	0.003	-0.001	34.756	27.909	18.63
130	0.069	0.064	34.777	27.923	17.38
140	0.069	0.063	34.790	27.933	16.39
150	0.177	0.171	34.809	27.943	15.53
160	0.225	0.218	34.825	27.953	14.61
170	0.245	0.238	34.834	27.959	14.04
180	0.278	0.271	34.843	27.965	13.54
190	0.285	0.277	34.849	27.969	13.15
200	0.279	0.271	34.851	27.971	12.92
210	0.300	0.291	34.862	27.978	12.27
220	0.310	0.301	34.866	27.981	12.03
230	0.326	0.316	34.870	27.984	11.80
240	0.328	0.318	34.872	27.985	11.67
250	0.331	0.321	34.873	27.986	11.64
260	0.330	0.319	34.874	27.987	11.57
270	0.305	0.294	34.874	27.988	11.39
280	0.307	0.296	34.876	27.989	11.30
290	0.308	0.296	34.877	27.990	11.23
300	0.440	0.427	34.885	27.989	11.45
310	0.571	0.558	34.902	27.995	11.05
320	0.730	0.715	34.918	27.998	10.90
330	0.684	0.669	34.920	28.003	10.45
340	0.528	0.513	34.912	28.006	10.05
350	0.408	0.393	34.904	28.007	9.82
360	0.343	0.328	34.896	28.004	10.05
370	0.382	0.366	34.900	28.005	10.00
380	0.389	0.373	34.899	28.004	10.10
390	0.325	0.308	34.900	28.009	9.61
400	0.315	0.298	34.899	28.008	9.64
410	0.299	0.282	34.900	28.010	9.47
420	0.306	0.288	34.902	28.011	9.38
430	0.332	0.313	34.907	28.013	9.21
440	0.315	0.296	34.908	28.016	8.96
450	0.303	0.284	34.909	28.017	8.87

B88.300					
depth	temp	theta	salnty	sig_th	delta
460	0.300	0.280	34.909	28.017	8.84
470	0.299	0.279	34.909	28.018	8.82
480	0.298	0.278	34.910	28.018	8.79
490	0.295	0.273	34.911	28.019	8.65
500	0.285	0.263	34.913	28.021	8.49
510	0.280	0.258	34.913	28.022	8.42
520	0.281	0.259	34.914	28.023	8.37
530	0.235	0.212	34.915	28.026	8.02
540	0.223	0.200	34.913	28.025	8.04
550	0.225	0.202	34.914	28.025	8.04
560	0.203	0.178	34.913	28.026	7.93
570	0.183	0.159	34.912	28.026	7.90
580	0.178	0.153	34.913	28.028	7.75
590	0.174	0.149	34.913	28.028	7.78
600	0.173	0.147	34.913	28.028	7.76
610	0.169	0.143	34.912	28.027	7.80

B88.302					
depth	temp	theta	salnty	sig_th	delta
5	4.912	4.911	34.273	27.109	94.49
10	4.918	4.917	34.274	27.109	94.53
15	4.923	4.922	34.280	27.114	94.18
20	4.916	4.915	34.302	27.132	92.51
25	4.706	4.704	34.334	27.181	87.88
30	4.189	4.187	34.459	27.336	73.23
35	2.944	2.942	34.405	27.416	65.64
40	1.581	1.579	34.351	27.484	59.06
45	0.543	0.541	34.564	27.724	36.28
50	0.200	0.198	34.583	27.759	32.90
55	0.153	0.151	34.601	27.776	31.23
60	0.134	0.132	34.635	27.804	28.58
65	-0.030	-0.032	34.652	27.827	26.40
70	-0.008	-0.011	34.666	27.837	25.43
75	0.319	0.316	34.719	27.862	23.15
80	0.373	0.370	34.739	27.875	21.95
85	0.343	0.339	34.755	27.890	20.53
90	0.570	0.566	34.781	27.897	19.91
95	0.860	0.856	34.824	27.914	18.46
100	1.213	1.208	34.871	27.928	17.23
110	1.488	1.483	34.900	27.931	17.05
120	1.464	1.458	34.913	27.944	15.87
130	1.461	1.455	34.919	27.949	15.42
140	1.246	1.239	34.911	27.957	14.57
150	1.125	1.117	34.909	27.965	13.88
160	1.049	1.041	34.910	27.971	13.30
170	1.046	1.038	34.912	27.972	13.17
180	1.009	1.001	34.909	27.973	13.15
190	0.924	0.915	34.910	27.978	12.59
200	0.903	0.894	34.911	27.981	12.37
210	0.675	0.666	34.900	27.986	11.74
220	0.713	0.703	34.900	27.985	11.94
230	0.666	0.656	34.900	27.987	11.70
240	0.681	0.670	34.901	27.987	11.73
250	0.693	0.681	34.905	27.990	11.48
260	0.698	0.686	34.907	27.991	11.42
270	0.705	0.693	34.910	27.993	11.25
280	0.685	0.672	34.913	27.997	10.90
290	0.679	0.666	34.914	27.998	10.83
300	0.662	0.649	34.915	28.000	10.61
310	0.671	0.657	34.919	28.002	10.43
320	0.682	0.668	34.924	28.006	10.14
330	0.641	0.626	34.925	28.009	9.81
340	0.618	0.603	34.923	28.010	9.76
350	0.522	0.507	34.921	28.014	9.31
360	0.508	0.493	34.920	28.013	9.33
370	0.524	0.508	34.923	28.015	9.22
380	0.499	0.483	34.923	28.016	9.06
390	0.449	0.432	34.922	28.019	8.76
400	0.430	0.413	34.921	28.019	8.76
410	0.380	0.362	34.920	28.021	8.51
420	0.356	0.338	34.919	28.022	8.47
430	0.288	0.270	34.917	28.025	8.11
440	0.246	0.227	34.915	28.025	8.01
450	0.230	0.211	34.913	28.024	8.09

B88.302					
depth	temp	theta	salnty	sig_th	delta
460	0.194	0.174	34.914	28.027	7.76
470	0.170	0.151	34.913	28.028	7.68
480	0.146	0.126	34.910	28.027	7.77
490	0.114	0.093	34.912	28.030	7.43
500	0.098	0.077	34.911	28.030	7.35
510	0.074	0.053	34.911	28.032	7.21
520	0.068	0.047	34.910	28.031	7.25
530	0.063	0.041	34.910	28.031	7.23
540	0.030	0.007	34.911	28.034	6.89
550	0.015	-0.008	34.911	28.035	6.83
560	0.012	-0.011	34.911	28.035	6.79
570	-0.002	-0.025	34.910	28.035	6.79
580	-0.029	-0.053	34.910	28.036	6.61
590	-0.045	-0.069	34.910	28.037	6.51
600	-0.079	-0.103	34.910	28.039	6.25
610	-0.103	-0.128	34.911	28.041	6.07
620	-0.113	-0.138	34.910	28.041	6.05
630	-0.136	-0.162	34.911	28.043	5.81
640	-0.140	-0.166	34.910	28.043	5.83
650	-0.167	-0.194	34.911	28.045	5.56
660	-0.169	-0.196	34.910	28.044	5.66
670	-0.198	-0.225	34.910	28.046	5.44
680	-0.220	-0.247	34.911	28.047	5.22
690	-0.230	-0.257	34.911	28.048	5.16
700	-0.239	-0.267	34.911	28.049	5.05
710	-0.250	-0.279	34.911	28.049	4.97
720	-0.266	-0.295	34.912	28.050	4.83
730	-0.270	-0.300	34.912	28.051	4.79
740	-0.298	-0.328	34.913	28.053	4.51
750	-0.309	-0.340	34.911	28.052	4.59
760	-0.342	-0.373	34.913	28.056	4.16
770	-0.347	-0.378	34.913	28.055	4.17
780	-0.353	-0.384	34.913	28.056	4.10
790	-0.361	-0.393	34.913	28.056	4.05
800	-0.368	-0.401	34.913	28.056	3.99
810	-0.376	-0.408	34.913	28.057	3.90
820	-0.389	-0.422	34.914	28.058	3.77
830	-0.390	-0.424	34.913	28.058	3.78
840	-0.405	-0.439	34.913	28.059	3.65
850	-0.418	-0.453	34.914	28.060	3.51
860	-0.426	-0.461	34.913	28.059	3.53
870	-0.425	-0.460	34.914	28.060	3.44
880	-0.424	-0.460	34.914	28.060	3.43
890	-0.433	-0.469	34.913	28.060	3.39
900	-0.444	-0.480	34.913	28.060	3.32
910	-0.443	-0.480	34.913	28.061	3.31
920	-0.447	-0.484	34.914	28.061	3.25
930	-0.454	-0.492	34.913	28.061	3.22
940	-0.457	-0.495	34.915	28.062	3.07
950	-0.465	-0.504	34.915	28.063	3.01
960	-0.476	-0.515	34.914	28.063	2.93
970	-0.479	-0.519	34.914	28.063	2.92

B88.303					
depth	temp	theta	salnty	sig_th	delta
10	4.435	4.434	34.085	27.013	103.64
15	4.437	4.436	34.076	27.005	104.46
20	4.434	4.433	34.069	27.000	104.97
25	4.432	4.430	34.068	27.000	105.04
30	4.535	4.533	34.115	27.026	102.65
35	3.145	3.143	34.307	27.319	74.82
40	0.970	0.968	34.331	27.510	56.56
45	0.010	0.009	34.438	27.652	42.93
50	-0.136	-0.138	34.504	27.713	37.18
55	-0.687	-0.689	34.575	27.796	29.20
60	-0.757	-0.759	34.612	27.829	26.05
65	-0.750	-0.752	34.618	27.834	25.63
70	-0.607	-0.609	34.652	27.855	23.66
75	-0.525	-0.528	34.667	27.864	22.83
80	-0.238	-0.241	34.709	27.883	21.02
85	-0.151	-0.154	34.727	27.894	20.03
90	-0.013	-0.017	34.750	27.905	19.03
95	0.299	0.295	34.769	27.904	19.24
100	0.645	0.641	34.809	27.915	18.27
110	1.199	1.193	34.877	27.934	16.71
120	1.292	1.287	34.891	27.938	16.37
130	1.280	1.273	34.903	27.949	15.33
140	1.189	1.182	34.906	27.958	14.52
150	1.142	1.135	34.904	27.959	14.37
160	1.052	1.045	34.903	27.965	13.85
170	0.997	0.989	34.900	27.966	13.79
180	0.719	0.711	34.884	27.971	13.14
190	0.689	0.680	34.884	27.973	13.01
200	0.773	0.764	34.892	27.974	12.92
210	0.798	0.788	34.899	27.978	12.57
220	0.650	0.640	34.896	27.986	11.83
230	0.636	0.626	34.894	27.985	11.90
240	0.623	0.613	34.896	27.987	11.69
250	0.656	0.645	34.902	27.990	11.48
260	0.666	0.655	34.907	27.993	11.22
270	0.650	0.638	34.909	27.996	10.92
280	0.649	0.637	34.912	27.999	10.72
290	0.639	0.626	34.913	28.000	10.61
300	0.618	0.604	34.914	28.002	10.41
310	0.582	0.568	34.915	28.005	10.14
320	0.570	0.556	34.916	28.007	9.97
330	0.552	0.537	34.916	28.008	9.83
340	0.530	0.515	34.916	28.009	9.72
350	0.532	0.516	34.920	28.012	9.42
360	0.488	0.473	34.920	28.015	9.15
370	0.462	0.445	34.919	28.016	9.05
380	0.436	0.420	34.920	28.018	8.88
390	0.418	0.401	34.918	28.018	8.88
400	0.370	0.353	34.919	28.021	8.50
410	0.334	0.317	34.918	28.022	8.36
420	0.317	0.299	34.917	28.022	8.34
430	0.292	0.274	34.916	28.023	8.22
440	0.226	0.208	34.915	28.026	7.89
450	0.226	0.207	34.916	28.027	7.83
460	0.224	0.205	34.916	28.027	7.79

B88.303					
depth	temp	theta	salnty	sig_th	delta
470	0.166	0.147	34.914	28.029	7.59
480	0.168	0.147	34.914	28.029	7.61
490	0.107	0.087	34.912	28.030	7.36
500	0.072	0.051	34.911	28.032	7.18
510	0.068	0.047	34.912	28.033	7.09
520	0.057	0.035	34.911	28.033	7.08
530	0.034	0.012	34.911	28.034	6.92
540	-0.006	-0.028	34.911	28.036	6.69
550	-0.025	-0.047	34.912	28.038	6.51
560	-0.041	-0.064	34.911	28.038	6.43
570	-0.072	-0.095	34.911	28.040	6.22
580	-0.095	-0.119	34.911	28.041	6.08
590	-0.107	-0.131	34.910	28.041	6.06
600	-0.127	-0.151	34.911	28.042	5.89
610	-0.142	-0.166	34.910	28.043	5.84
620	-0.154	-0.180	34.910	28.043	5.75
630	-0.163	-0.188	34.910	28.044	5.68
640	-0.182	-0.208	34.910	28.045	5.54
650	-0.204	-0.230	34.910	28.046	5.40
660	-0.223	-0.249	34.911	28.047	5.25
670	-0.239	-0.266	34.910	28.048	5.15
680	-0.259	-0.286	34.911	28.049	4.98
690	-0.270	-0.298	34.911	28.050	4.89
700	-0.283	-0.311	34.911	28.051	4.78
710	-0.292	-0.320	34.911	28.051	4.70
720	-0.302	-0.331	34.908	28.049	4.86
730	-0.313	-0.342	34.911	28.052	4.53
740	-0.327	-0.356	34.911	28.053	4.44
750	-0.339	-0.369	34.911	28.054	4.34
760	-0.345	-0.375	34.912	28.054	4.27
770	-0.365	-0.396	34.912	28.056	4.09
780	-0.372	-0.404	34.912	28.056	4.02
790	-0.391	-0.422	34.913	28.058	3.84
800	-0.397	-0.429	34.913	28.058	3.81
810	-0.408	-0.440	34.913	28.058	3.70
820	-0.419	-0.452	34.913	28.059	3.59
830	-0.429	-0.462	34.913	28.059	3.53
840	-0.443	-0.477	34.914	28.061	3.37
850	-0.457	-0.491	34.914	28.061	3.26
860	-0.458	-0.492	34.914	28.061	3.25
870	-0.470	-0.505	34.915	28.063	3.08
880	-0.481	-0.517	34.914	28.063	3.02
890	-0.488	-0.524	34.915	28.064	2.92
900	-0.502	-0.538	34.915	28.064	2.82
910	-0.513	-0.549	34.915	28.065	2.70
920	-0.516	-0.553	34.915	28.065	2.69
930	-0.520	-0.557	34.914	28.065	2.67
940	-0.528	-0.566	34.915	28.066	2.55
950	-0.528	-0.566	34.915	28.066	2.55
960	-0.534	-0.573	34.915	28.067	2.45
970	-0.535	-0.574	34.915	28.067	2.42
980	-0.545	-0.585	34.916	28.067	2.32
990	-0.551	-0.592	34.916	28.068	2.27
1000	-0.554	-0.595	34.916	28.068	2.20
1010	-0.559	-0.600	34.916	28.068	2.17

B88.303					
depth	temp	theta	salnty	sig_th	delta
1020	-0.563	-0.605	34.916	28.068	2.13
1030	-0.571	-0.613	34.916	28.069	2.02
1040	-0.579	-0.621	34.916	28.070	1.93
1050	-0.582	-0.625	34.916	28.069	1.94
1060	-0.585	-0.629	34.916	28.070	1.86
1070	-0.587	-0.631	34.916	28.070	1.85
1080	-0.596	-0.640	34.916	28.070	1.75
1090	-0.600	-0.645	34.916	28.071	1.71
1100	-0.605	-0.650	34.916	28.071	1.65
1110	-0.614	-0.659	34.916	28.071	1.56
1120	-0.619	-0.665	34.917	28.072	1.48
1130	-0.623	-0.670	34.917	28.072	1.44
1140	-0.637	-0.684	34.917	28.073	1.27
1150	-0.641	-0.688	34.917	28.073	1.26
1160	-0.645	-0.693	34.917	28.073	1.22
1170	-0.650	-0.699	34.917	28.074	1.12
1180	-0.657	-0.706	34.918	28.074	1.03
1190	-0.667	-0.717	34.918	28.075	0.91
1200	-0.679	-0.729	34.918	28.076	0.82
1210	-0.681	-0.732	34.917	28.075	0.81
1220	-0.683	-0.734	34.918	28.076	0.76
1230	-0.693	-0.744	34.918	28.076	0.65
1240	-0.700	-0.751	34.918	28.077	0.57
1250	-0.706	-0.758	34.918	28.077	0.52
1260	-0.712	-0.765	34.918	28.077	0.46

B88.304					
depth	temp	theta	salnty	sig_th	delta
5	3.566	3.565	33.565	26.688	134.44
10	3.553	3.552	33.572	26.694	133.86
15	3.538	3.537	33.577	26.700	133.36
20	3.540	3.539	33.577	26.700	133.41
25	3.382	3.381	33.606	26.737	129.86
30	2.130	2.128	33.722	26.938	110.76
35	-0.874	-0.874	34.426	27.683	39.94
40	-1.244	-1.245	34.493	27.751	33.43
45	-1.265	-1.266	34.502	27.760	32.60
50	-1.339	-1.340	34.517	27.775	31.17
55	-1.356	-1.358	34.524	27.780	30.61
60	-1.453	-1.454	34.550	27.805	28.25
65	-1.268	-1.270	34.568	27.813	27.50
70	-1.369	-1.371	34.594	27.838	25.11
75	-0.632	-0.634	34.577	27.795	29.26
80	-1.333	-1.336	34.643	27.876	21.46
85	-1.027	-1.030	34.635	27.858	23.18
90	-1.344	-1.346	34.655	27.887	20.41
95	-1.300	-1.303	34.670	27.897	19.43
100	-1.250	-1.252	34.666	27.892	19.89
110	-0.652	-0.656	34.686	27.885	20.75
120	-0.181	-0.185	34.718	27.888	20.53
130	0.000	-0.005	34.760	27.913	18.27
140	-0.276	-0.281	34.787	27.949	14.80
150	0.204	0.198	34.797	27.932	16.60
160	0.224	0.218	34.816	27.945	15.31
170	0.490	0.483	34.839	27.949	15.11
180	0.655	0.647	34.864	27.959	14.30
190	0.845	0.836	34.887	27.965	13.80
200	0.846	0.837	34.894	27.971	13.30
210	0.864	0.855	34.903	27.977	12.75
220	0.947	0.937	34.911	27.978	12.73
230	0.944	0.934	34.917	27.983	12.27
240	0.948	0.937	34.923	27.988	11.87
250	0.952	0.941	34.924	27.989	11.80
260	0.967	0.955	34.928	27.991	11.62
270	0.958	0.945	34.933	27.995	11.23
280	0.956	0.943	34.936	27.998	11.03
290	0.932	0.918	34.937	28.000	10.79
300	0.930	0.916	34.937	28.001	10.77
310	0.736	0.721	34.936	28.013	9.52
320	0.682	0.667	34.922	28.004	10.28
330	0.789	0.774	34.932	28.006	10.23
340	0.749	0.734	34.935	28.011	9.78
350	0.726	0.710	34.933	28.011	9.75
360	0.691	0.675	34.931	28.011	9.71
370	0.662	0.646	34.931	28.013	9.56
380	0.624	0.607	34.932	28.016	9.23
390	0.573	0.555	34.930	28.018	9.05
400	0.545	0.528	34.928	28.018	9.04
410	0.507	0.489	34.927	28.019	8.83
420	0.480	0.462	34.926	28.020	8.72
430	0.441	0.422	34.925	28.022	8.57
440	0.421	0.402	34.923	28.022	8.55
450	0.392	0.372	34.922	28.023	8.44

B88.304					
depth	temp	theta	salnty	sig_th	delta
460	0.367	0.347	34.922	28.024	8.31
470	0.337	0.317	34.921	28.025	8.22
480	0.263	0.242	34.919	28.027	7.87
490	0.226	0.205	34.917	28.028	7.73
500	0.201	0.180	34.916	28.029	7.64
510	0.176	0.154	34.915	28.029	7.56
520	0.157	0.135	34.915	28.030	7.46
530	0.117	0.095	34.915	28.033	7.18
540	0.109	0.086	34.914	28.032	7.19
550	0.104	0.081	34.916	28.034	7.07
560	0.076	0.052	34.917	28.036	6.80
570	0.045	0.021	34.915	28.037	6.69
580	0.030	0.006	34.915	28.037	6.65
590	0.004	-0.021	34.915	28.038	6.48
600	-0.025	-0.050	34.913	28.039	6.39
610	-0.033	-0.058	34.913	28.039	6.38
620	-0.075	-0.100	34.913	28.042	6.04
630	-0.090	-0.116	34.911	28.041	6.08
640	-0.101	-0.128	34.911	28.041	6.02
650	-0.127	-0.154	34.911	28.043	5.86
660	-0.152	-0.179	34.911	28.044	5.69
670	-0.170	-0.197	34.910	28.044	5.61
680	-0.181	-0.209	34.911	28.045	5.50
690	-0.195	-0.223	34.911	28.046	5.42
700	-0.208	-0.236	34.911	28.047	5.28
710	-0.223	-0.251	34.911	28.047	5.20
720	-0.240	-0.269	34.911	28.048	5.07
730	-0.256	-0.286	34.911	28.049	4.95
740	-0.265	-0.295	34.911	28.049	4.90
750	-0.282	-0.312	34.911	28.050	4.77
760	-0.294	-0.325	34.911	28.051	4.67
770	-0.304	-0.335	34.911	28.052	4.60
780	-0.320	-0.352	34.912	28.053	4.38
790	-0.325	-0.357	34.911	28.052	4.46
800	-0.341	-0.374	34.912	28.055	4.21
810	-0.356	-0.389	34.912	28.055	4.12
820	-0.371	-0.404	34.912	28.056	4.04
830	-0.380	-0.414	34.911	28.056	3.99
840	-0.397	-0.431	34.912	28.058	3.78
850	-0.406	-0.441	34.912	28.058	3.74
860	-0.418	-0.453	34.913	28.059	3.56
870	-0.422	-0.457	34.912	28.059	3.57
880	-0.427	-0.462	34.912	28.059	3.52
890	-0.440	-0.476	34.913	28.060	3.39
900	-0.453	-0.489	34.913	28.061	3.26
910	-0.466	-0.503	34.913	28.062	3.16
920	-0.478	-0.515	34.914	28.062	3.03
930	-0.484	-0.522	34.913	28.063	2.98
940	-0.488	-0.527	34.914	28.063	2.91
950	-0.497	-0.536	34.914	28.064	2.84
960	-0.505	-0.544	34.914	28.064	2.76
970	-0.513	-0.552	34.914	28.064	2.70
980	-0.522	-0.562	34.914	28.065	2.59
990	-0.527	-0.567	34.915	28.066	2.49
1000	-0.533	-0.574	34.915	28.066	2.46

B88.304					
depth	temp	theta	salnty	sig_th	delta
1010	-0.543	-0.584	34.915	28.067	2.32
1020	-0.549	-0.591	34.915	28.067	2.30
1030	-0.554	-0.596	34.915	28.068	2.19
1040	-0.559	-0.601	34.914	28.067	2.23
1050	-0.570	-0.613	34.916	28.069	2.04
1060	-0.576	-0.619	34.915	28.068	2.05
1070	-0.585	-0.629	34.915	28.069	1.95
1080	-0.598	-0.642	34.915	28.070	1.80
1090	-0.602	-0.646	34.914	28.069	1.85
1100	-0.612	-0.657	34.915	28.070	1.72
1110	-0.609	-0.654	34.916	28.071	1.64
1120	-0.624	-0.670	34.915	28.071	1.56
1130	-0.622	-0.668	34.915	28.071	1.56
1140	-0.626	-0.673	34.916	28.071	1.48
1150	-0.638	-0.685	34.915	28.072	1.39
1160	-0.643	-0.691	34.915	28.072	1.37
1170	-0.650	-0.698	34.915	28.072	1.27
1180	-0.656	-0.705	34.916	28.073	1.19
1190	-0.660	-0.709	34.915	28.073	1.17
1200	-0.663	-0.713	34.915	28.073	1.11
1210	-0.669	-0.720	34.916	28.073	1.04
1220	-0.669	-0.720	34.916	28.073	1.02
1230	-0.676	-0.728	34.916	28.074	0.95
1240	-0.679	-0.731	34.915	28.074	0.94
1250	-0.682	-0.734	34.915	28.073	0.92
1260	-0.685	-0.737	34.916	28.074	0.80
1270	-0.686	-0.740	34.915	28.074	0.82
1280	-0.686	-0.740	34.915	28.074	0.79
1290	-0.690	-0.745	34.916	28.075	0.71
1300	-0.693	-0.748	34.915	28.074	0.70
1310	-0.695	-0.750	34.916	28.075	0.66
1320	-0.696	-0.751	34.915	28.074	0.66
1330	-0.699	-0.756	34.916	28.075	0.56
1340	-0.701	-0.757	34.916	28.075	0.56
1350	-0.703	-0.760	34.915	28.075	0.53
1360	-0.702	-0.760	34.916	28.075	0.50
1370	-0.702	-0.761	34.915	28.075	0.51
1380	-0.703	-0.762	34.916	28.075	0.46
1390	-0.704	-0.764	34.916	28.075	0.43
1400	-0.708	-0.768	34.916	28.076	0.37
1410	-0.713	-0.774	34.916	28.076	0.28
1420	-0.718	-0.779	34.916	28.076	0.22
1430	-0.723	-0.785	34.917	28.077	0.11
1440	-0.723	-0.785	34.916	28.077	0.13
1450	-0.725	-0.788	34.916	28.076	0.14
1460	-0.729	-0.792	34.916	28.077	0.10
1470	-0.729	-0.793	34.917	28.077	0.01
1480	-0.729	-0.794	34.916	28.077	0.01
1490	-0.731	-0.796	34.917	28.077	-0.05
1500	-0.733	-0.798	34.917	28.078	-0.09
1510	-0.733	-0.799	34.917	28.078	-0.11
1520	-0.736	-0.803	34.917	28.078	-0.18
1530	-0.739	-0.806	34.917	28.078	-0.21
1540	-0.740	-0.808	34.916	28.078	-0.21
1550	-0.741	-0.809	34.916	28.078	-0.23

B88.304					
depth	temp	theta	salnty	sig_th	delta
1560	-0.743	-0.811	34.917	28.079	-0.32
1570	-0.745	-0.814	34.917	28.078	-0.32
1580	-0.748	-0.818	34.917	28.079	-0.41
1590	-0.752	-0.822	34.917	28.079	-0.47

B88.306					
depth	temp	theta	salnty	sig_th	delta
10	1.844	1.844	32.733	26.167	183.83
15	1.847	1.846	32.733	26.167	183.89
20	1.782	1.781	32.866	26.278	173.30
25	0.195	0.194	34.038	27.319	74.52
30	-1.305	-1.306	34.276	27.578	49.88
35	-1.277	-1.277	34.295	27.592	48.50
40	-1.105	-1.106	34.337	27.620	45.84
45	-1.087	-1.089	34.365	27.642	43.75
50	-1.125	-1.126	34.393	27.666	41.43
55	-1.115	-1.117	34.418	27.686	39.55
60	-1.042	-1.043	34.455	27.713	37.01
65	-0.845	-0.847	34.483	27.729	35.56
70	-0.988	-0.990	34.508	27.754	33.10
75	-0.708	-0.710	34.529	27.760	32.62
80	-0.499	-0.501	34.570	27.784	30.39
85	0.068	0.065	34.612	27.789	29.98
90	0.105	0.102	34.644	27.813	27.74
95	0.204	0.200	34.667	27.826	26.53
100	0.057	0.053	34.690	27.853	23.95
110	0.423	0.418	34.730	27.865	22.97
120	0.369	0.364	34.767	27.898	19.84
130	0.603	0.598	34.802	27.912	18.55
140	0.683	0.677	34.822	27.924	17.54
150	0.657	0.651	34.834	27.935	16.52
160	0.918	0.910	34.849	27.930	17.06
170	0.901	0.893	34.870	27.948	15.41
180	0.913	0.905	34.880	27.955	14.76
190	1.050	1.042	34.898	27.960	14.36
200	1.074	1.064	34.906	27.966	13.89
210	1.111	1.101	34.914	27.969	13.61
220	1.098	1.087	34.919	27.975	13.12
230	1.066	1.055	34.923	27.980	12.66
240	1.064	1.052	34.924	27.981	12.55
250	0.993	0.981	34.925	27.986	12.04
260	0.976	0.964	34.926	27.988	11.89
270	0.965	0.952	34.928	27.991	11.68
280	0.974	0.961	34.931	27.993	11.53
290	0.957	0.944	34.934	27.996	11.22
300	0.953	0.939	34.935	27.998	11.08
310	0.949	0.934	34.937	28.000	10.92
320	0.931	0.916	34.938	28.002	10.76
330	0.903	0.888	34.937	28.002	10.69
340	0.853	0.837	34.939	28.007	10.23
350	0.828	0.812	34.938	28.008	10.12
360	0.793	0.777	34.938	28.010	9.90
370	0.746	0.729	34.937	28.013	9.66
380	0.721	0.704	34.935	28.013	9.63
390	0.705	0.687	34.935	28.014	9.54
400	0.642	0.624	34.934	28.017	9.24
410	0.614	0.595	34.931	28.016	9.28
420	0.586	0.567	34.930	28.017	9.15
430	0.539	0.519	34.930	28.020	8.80
440	0.500	0.481	34.927	28.020	8.85
450	0.455	0.435	34.929	28.025	8.34
460	0.382	0.362	34.926	28.026	8.11

B88.306					
depth	temp	theta	salnty	sig_th	delta
470	0.361	0.341	34.925	28.027	8.05
480	0.328	0.307	34.924	28.028	7.91
490	0.318	0.297	34.924	28.029	7.82
500	0.274	0.252	34.921	28.029	7.75
510	0.241	0.219	34.920	28.030	7.65
520	0.221	0.199	34.920	28.030	7.54
530	0.186	0.164	34.919	28.032	7.32
540	0.164	0.141	34.918	28.033	7.26
550	0.133	0.110	34.919	28.035	7.02
560	0.104	0.080	34.918	28.036	6.86
570	0.071	0.047	34.918	28.037	6.70
580	0.043	0.019	34.918	28.039	6.51
590	0.009	-0.016	34.917	28.040	6.30
600	-0.034	-0.058	34.915	28.041	6.21
610	-0.071	-0.096	34.914	28.042	6.03
620	-0.078	-0.103	34.914	28.042	5.97
630	-0.094	-0.120	34.913	28.043	5.91
640	-0.101	-0.128	34.913	28.042	5.92
650	-0.116	-0.143	34.913	28.044	5.76
660	-0.128	-0.156	34.913	28.045	5.67
670	-0.146	-0.174	34.914	28.046	5.52
680	-0.159	-0.186	34.913	28.046	5.45
690	-0.174	-0.202	34.913	28.046	5.39
700	-0.195	-0.223	34.912	28.047	5.29
710	-0.208	-0.237	34.912	28.048	5.18
720	-0.230	-0.260	34.913	28.049	4.99
730	-0.239	-0.269	34.912	28.049	4.97
740	-0.262	-0.292	34.913	28.051	4.77
750	-0.271	-0.302	34.912	28.051	4.72
760	-0.290	-0.321	34.913	28.052	4.57
770	-0.313	-0.344	34.913	28.054	4.38
780	-0.324	-0.355	34.913	28.054	4.32
790	-0.329	-0.361	34.912	28.054	4.32
800	-0.338	-0.371	34.912	28.054	4.23
810	-0.353	-0.386	34.912	28.055	4.14
820	-0.365	-0.399	34.912	28.056	4.04
830	-0.379	-0.412	34.912	28.057	3.92
840	-0.393	-0.427	34.912	28.057	3.83
850	-0.398	-0.433	34.912	28.057	3.81
860	-0.414	-0.449	34.913	28.058	3.63
870	-0.421	-0.457	34.912	28.059	3.58
880	-0.432	-0.467	34.912	28.059	3.50
890	-0.446	-0.482	34.913	28.061	3.32
900	-0.489	-0.525	34.911	28.061	3.16
910	-0.496	-0.533	34.911	28.061	3.13
920	-0.491	-0.529	34.911	28.061	3.10
930	-0.506	-0.544	34.912	28.063	2.93
940	-0.512	-0.550	34.912	28.063	2.88
950	-0.521	-0.560	34.913	28.064	2.76
960	-0.519	-0.558	34.913	28.064	2.74
970	-0.523	-0.563	34.914	28.065	2.64
980	-0.524	-0.564	34.914	28.065	2.62
990	-0.519	-0.560	34.915	28.065	2.56
1000	-0.526	-0.567	34.916	28.067	2.41
1010	-0.536	-0.577	34.916	28.067	2.31

B88.306					
depth	temp	theta	salnty	sig_th	delta
1020	-0.547	-0.589	34.916	28.068	2.22
1030	-0.562	-0.604	34.916	28.069	2.08
1040	-0.575	-0.617	34.916	28.069	2.02
1050	-0.579	-0.622	34.916	28.069	1.97
1060	-0.604	-0.647	34.915	28.069	1.84
1070	-0.602	-0.646	34.915	28.070	1.81
1080	-0.605	-0.649	34.915	28.070	1.74
1090	-0.596	-0.641	34.916	28.070	1.77
1100	-0.604	-0.650	34.916	28.071	1.66
1110	-0.608	-0.654	34.916	28.071	1.60
1120	-0.622	-0.668	34.917	28.072	1.47
1130	-0.633	-0.679	34.916	28.072	1.43
1140	-0.635	-0.682	34.916	28.072	1.36
1150	-0.648	-0.695	34.916	28.073	1.26
1160	-0.639	-0.687	34.916	28.072	1.30
1170	-0.663	-0.711	34.916	28.074	1.10
1180	-0.647	-0.696	34.917	28.074	1.14
1190	-0.667	-0.717	34.917	28.074	0.99
1200	-0.684	-0.734	34.916	28.075	0.88
1210	-0.668	-0.719	34.916	28.074	0.98
1220	-0.667	-0.718	34.918	28.075	0.86
1230	-0.669	-0.720	34.918	28.075	0.81
1240	-0.675	-0.727	34.918	28.075	0.77
1250	-0.678	-0.731	34.918	28.075	0.74
1260	-0.689	-0.742	34.917	28.076	0.68
1270	-0.691	-0.744	34.918	28.076	0.61
1280	-0.698	-0.752	34.917	28.076	0.56
1290	-0.703	-0.757	34.917	28.076	0.51
1300	-0.711	-0.765	34.918	28.077	0.41
1310	-0.715	-0.770	34.918	28.078	0.29
1320	-0.712	-0.768	34.918	28.078	0.31
1330	-0.720	-0.776	34.919	28.078	0.20
1340	-0.724	-0.781	34.919	28.078	0.15
1350	-0.730	-0.787	34.919	28.079	0.07
1360	-0.735	-0.793	34.918	28.079	0.03
1370	-0.743	-0.801	34.918	28.079	-0.04
1380	-0.747	-0.805	34.919	28.079	-0.11
1390	-0.753	-0.812	34.919	28.080	-0.17
1400	-0.757	-0.816	34.918	28.080	-0.19
1410	-0.759	-0.819	34.918	28.079	-0.21
1420	-0.763	-0.824	34.918	28.080	-0.29
1430	-0.769	-0.830	34.919	28.081	-0.38
1440	-0.774	-0.836	34.919	28.081	-0.45
1450	-0.779	-0.841	34.918	28.081	-0.48
1460	-0.784	-0.846	34.919	28.081	-0.56
1470	-0.790	-0.853	34.919	28.081	-0.63
1480	-0.793	-0.857	34.918	28.081	-0.65
1490	-0.797	-0.861	34.918	28.081	-0.69
1500	-0.800	-0.865	34.918	28.081	-0.73
1510	-0.807	-0.872	34.918	28.082	-0.82
1520	-0.809	-0.875	34.918	28.082	-0.81
1530	-0.818	-0.884	34.918	28.082	-0.92
1540	-0.833	-0.900	34.918	28.083	-1.07
1550	-0.839	-0.906	34.917	28.082	-1.09
1560	-0.846	-0.913	34.917	28.082	-1.14

B88.307					
depth	temp	theta	salnty	sig_th	delta
5	1.884	1.884	32.798	26.216	179.18
10	1.885	1.884	32.797	26.215	179.24
15	1.886	1.885	32.797	26.216	179.24
20	1.899	1.898	32.795	26.213	179.50
25	2.028	2.027	32.945	26.323	169.04
30	1.196	1.194	33.392	26.740	129.48
35	0.726	0.724	33.679	27.000	104.79
40	0.495	0.493	33.927	27.213	84.57
45	0.279	0.278	34.121	27.382	68.57
50	0.145	0.143	34.274	27.512	56.21
55	0.125	0.123	34.447	27.653	42.89
60	0.155	0.153	34.512	27.704	38.10
65	0.127	0.124	34.564	27.747	33.97
70	0.574	0.571	34.663	27.802	28.89
75	0.518	0.515	34.693	27.829	26.30
80	0.042	0.039	34.694	27.857	23.59
85	0.195	0.192	34.714	27.865	22.83
90	0.291	0.288	34.728	27.871	22.30
95	0.418	0.414	34.758	27.887	20.82
100	0.548	0.543	34.780	27.898	19.88
110	0.843	0.838	34.827	27.917	18.14
120	0.929	0.924	34.860	27.938	16.21
130	0.926	0.920	34.880	27.955	14.69
140	0.915	0.908	34.887	27.960	14.16
150	0.933	0.926	34.898	27.968	13.44
160	0.967	0.960	34.907	27.973	13.02
170	0.970	0.962	34.915	27.980	12.43
180	1.078	1.070	34.925	27.981	12.43
190	1.087	1.078	34.932	27.986	11.98
200	1.068	1.059	34.933	27.988	11.82
210	1.073	1.063	34.939	27.992	11.44
220	1.072	1.062	34.943	27.996	11.12
230	1.067	1.056	34.946	27.999	10.89
240	1.036	1.025	34.947	28.001	10.64
250	0.988	0.976	34.949	28.006	10.18
260	0.967	0.955	34.949	28.008	10.02
270	0.950	0.937	34.949	28.009	9.93
280	0.843	0.830	34.947	28.014	9.41
290	0.832	0.818	34.949	28.016	9.22
300	0.830	0.816	34.950	28.017	9.14
310	0.779	0.765	34.949	28.020	8.90
320	0.743	0.728	34.948	28.021	8.75
330	0.667	0.652	34.943	28.023	8.56
340	0.636	0.621	34.943	28.024	8.38
350	0.598	0.582	34.941	28.025	8.26
360	0.568	0.552	34.939	28.025	8.27
370	0.538	0.522	34.938	28.026	8.19
380	0.420	0.404	34.933	28.029	7.77
390	0.327	0.311	34.932	28.034	7.24
400	0.264	0.247	34.926	28.033	7.28
410	0.233	0.216	34.925	28.033	7.20
420	0.184	0.167	34.925	28.036	6.88
430	0.169	0.151	34.922	28.035	6.97
440	0.118	0.100	34.920	28.036	6.81
450	0.099	0.081	34.920	28.037	6.69

B88.307					
depth	temp	theta	salnty	sig_th	delta
460	0.086	0.067	34.918	28.036	6.75
470	0.049	0.030	34.919	28.039	6.46
480	0.034	0.014	34.918	28.039	6.44
490	0.011	-0.009	34.918	28.041	6.26
500	-0.000	-0.021	34.917	28.040	6.29
510	-0.041	-0.062	34.917	28.042	6.04
520	-0.064	-0.085	34.916	28.043	5.97
530	-0.097	-0.118	34.916	28.045	5.71
540	-0.117	-0.139	34.916	28.046	5.60
550	-0.140	-0.162	34.916	28.047	5.48
560	-0.155	-0.178	34.915	28.047	5.39
570	-0.177	-0.200	34.914	28.047	5.35
580	-0.183	-0.206	34.914	28.048	5.29
590	-0.206	-0.229	34.914	28.049	5.15
600	-0.220	-0.244	34.912	28.048	5.23
610	-0.235	-0.260	34.914	28.050	4.98
620	-0.262	-0.286	34.913	28.051	4.86
630	-0.288	-0.313	34.912	28.052	4.73
640	-0.314	-0.339	34.911	28.052	4.67
650	-0.335	-0.361	34.911	28.053	4.50
660	-0.349	-0.375	34.911	28.053	4.42
670	-0.377	-0.403	34.911	28.055	4.23
680	-0.391	-0.418	34.909	28.054	4.26
690	-0.411	-0.438	34.909	28.055	4.14
700	-0.417	-0.444	34.909	28.055	4.07
710	-0.419	-0.447	34.907	28.054	4.16
720	-0.438	-0.466	34.907	28.055	4.03
730	-0.449	-0.477	34.908	28.056	3.89
740	-0.454	-0.483	34.907	28.056	3.90
750	-0.465	-0.494	34.907	28.057	3.81
760	-0.467	-0.497	34.908	28.057	3.76
770	-0.473	-0.503	34.908	28.057	3.70
780	-0.482	-0.513	34.908	28.058	3.63
790	-0.487	-0.518	34.907	28.058	3.62
800	-0.495	-0.527	34.906	28.057	3.61
810	-0.502	-0.534	34.906	28.057	3.60
820	-0.512	-0.545	34.906	28.058	3.52
830	-0.517	-0.550	34.906	28.058	3.44
840	-0.528	-0.561	34.906	28.059	3.36
850	-0.533	-0.566	34.906	28.059	3.30
860	-0.535	-0.569	34.905	28.058	3.35
870	-0.542	-0.576	34.906	28.059	3.24
880	-0.559	-0.594	34.905	28.059	3.17
890	-0.575	-0.610	34.905	28.060	3.07
900	-0.580	-0.616	34.904	28.059	3.09
910	-0.593	-0.629	34.904	28.060	2.95
920	-0.595	-0.632	34.905	28.061	2.88
930	-0.602	-0.639	34.904	28.061	2.85
940	-0.605	-0.642	34.905	28.061	2.81
950	-0.609	-0.647	34.905	28.062	2.72
960	-0.617	-0.655	34.906	28.063	2.58
970	-0.623	-0.661	34.906	28.063	2.54
980	-0.630	-0.669	34.906	28.063	2.46
990	-0.639	-0.679	34.907	28.064	2.31
1000	-0.641	-0.681	34.906	28.064	2.30

B88.307					
depth	temp	theta	salnty	sig_th	delta
1010	-0.646	-0.687	34.907	28.065	2.22
1020	-0.652	-0.693	34.907	28.065	2.15
1030	-0.655	-0.696	34.907	28.065	2.15
1040	-0.658	-0.700	34.907	28.065	2.10
1050	-0.662	-0.705	34.907	28.066	2.02
1060	-0.662	-0.705	34.907	28.066	1.99
1070	-0.665	-0.708	34.908	28.066	1.93
1080	-0.670	-0.713	34.908	28.067	1.86
1090	-0.672	-0.716	34.907	28.067	1.85
1100	-0.682	-0.726	34.908	28.068	1.70
1110	-0.688	-0.733	34.908	28.068	1.67
1120	-0.690	-0.735	34.907	28.067	1.67
1130	-0.690	-0.736	34.907	28.067	1.67
1140	-0.697	-0.743	34.908	28.068	1.55
1150	-0.701	-0.748	34.908	28.069	1.47
1160	-0.710	-0.757	34.908	28.069	1.39
1170	-0.721	-0.769	34.908	28.069	1.30
1180	-0.721	-0.769	34.908	28.069	1.28

B88.309					
depth	temp	theta	salnty	sig_th	delta
10	1.605	1.604	32.506	26.002	199.50
15	1.645	1.645	32.525	26.014	198.33
20	2.133	2.132	32.937	26.309	170.40
25	0.782	0.781	33.357	26.737	129.68
30	-1.140	-1.140	33.688	27.095	95.62
35	-0.702	-0.703	34.036	27.360	70.52
40	-0.734	-0.735	34.191	27.488	58.45
45	-1.116	-1.117	34.300	27.590	48.65
50	-0.852	-0.853	34.349	27.620	45.88
55	-0.820	-0.822	34.393	27.655	42.58
60	-0.769	-0.771	34.427	27.680	40.17
65	-0.564	-0.566	34.471	27.706	37.70
70	-0.443	-0.445	34.494	27.720	36.43
75	-0.219	-0.222	34.536	27.743	34.30
80	-0.044	-0.047	34.574	27.765	32.30
85	0.214	0.211	34.620	27.788	30.11
90	0.335	0.332	34.647	27.803	28.80
95	0.383	0.379	34.659	27.810	28.08
100	0.566	0.562	34.693	27.826	26.62
110	0.919	0.914	34.753	27.853	24.26
120	1.197	1.192	34.803	27.874	22.33
130	1.361	1.354	34.842	27.894	20.57
140	1.306	1.299	34.848	27.903	19.73
150	1.160	1.153	34.868	27.929	17.22
160	0.970	0.962	34.866	27.940	16.16
170	1.336	1.328	34.903	27.945	15.93
180	1.318	1.310	34.910	27.952	15.29
190	1.273	1.264	34.917	27.961	14.44
200	1.209	1.199	34.917	27.965	14.05
210	1.178	1.168	34.924	27.973	13.33
220	1.140	1.130	34.926	27.977	12.91
230	1.151	1.140	34.928	27.978	12.86
240	1.116	1.104	34.932	27.984	12.31
250	1.093	1.081	34.934	27.987	12.06
260	1.065	1.053	34.936	27.991	11.73
270	1.075	1.062	34.938	27.992	11.65
280	1.074	1.061	34.942	27.995	11.42
290	1.061	1.047	34.945	27.999	11.07
300	1.043	1.028	34.945	28.000	10.98
310	1.039	1.024	34.947	28.001	10.86
320	1.004	0.989	34.947	28.004	10.63
330	1.003	0.987	34.952	28.008	10.23
340	0.981	0.965	34.952	28.009	10.12
350	0.953	0.936	34.951	28.011	10.01
360	0.919	0.902	34.952	28.013	9.74
370	0.870	0.853	34.950	28.015	9.55
380	0.833	0.816	34.948	28.016	9.49
390	0.811	0.793	34.946	28.016	9.46
400	0.795	0.777	34.945	28.016	9.46
410	0.724	0.705	34.943	28.019	9.08
420	0.682	0.663	34.942	28.021	8.94
430	0.630	0.610	34.941	28.023	8.63
440	0.607	0.587	34.940	28.024	8.58
450	0.529	0.508	34.937	28.026	8.26
460	0.485	0.464	34.933	28.026	8.25

B88.309					
depth	temp	theta	salnty	sig_th	delta
470	0.463	0.442	34.933	28.027	8.15
480	0.375	0.354	34.930	28.030	7.78
490	0.325	0.303	34.927	28.030	7.68
500	0.254	0.233	34.923	28.031	7.53
510	0.226	0.204	34.922	28.032	7.38
520	0.198	0.176	34.920	28.032	7.33
530	0.158	0.135	34.919	28.034	7.16
540	0.127	0.104	34.918	28.035	7.01
550	0.084	0.061	34.917	28.036	6.85
560	0.070	0.047	34.916	28.036	6.83
570	0.057	0.034	34.917	28.037	6.66
580	0.032	0.008	34.916	28.038	6.55
590	0.015	-0.009	34.919	28.041	6.22
600	-0.029	-0.054	34.914	28.040	6.29
610	-0.028	-0.053	34.915	28.040	6.24
620	-0.052	-0.078	34.916	28.043	6.00
630	-0.056	-0.082	34.915	28.042	6.03
640	-0.083	-0.109	34.916	28.044	5.81
650	-0.112	-0.138	34.915	28.045	5.65
660	-0.125	-0.152	34.915	28.046	5.58
670	-0.150	-0.177	34.914	28.046	5.46
680	-0.179	-0.207	34.914	28.048	5.24
690	-0.198	-0.226	34.914	28.049	5.13
700	-0.228	-0.257	34.914	28.051	4.90
710	-0.254	-0.283	34.912	28.050	4.89
720	-0.273	-0.302	34.912	28.051	4.74
730	-0.301	-0.331	34.912	28.052	4.58
740	-0.324	-0.354	34.911	28.053	4.46
750	-0.340	-0.371	34.911	28.053	4.38
760	-0.345	-0.376	34.910	28.053	4.37
770	-0.355	-0.386	34.911	28.054	4.27
780	-0.372	-0.403	34.910	28.055	4.16
790	-0.395	-0.427	34.910	28.055	4.05
800	-0.407	-0.439	34.909	28.055	4.02
810	-0.414	-0.446	34.908	28.055	3.99
820	-0.424	-0.457	34.909	28.056	3.88
830	-0.439	-0.472	34.909	28.056	3.79
840	-0.452	-0.486	34.909	28.057	3.69
850	-0.464	-0.498	34.908	28.057	3.63
860	-0.473	-0.508	34.908	28.058	3.56
870	-0.480	-0.515	34.908	28.058	3.52
880	-0.486	-0.521	34.908	28.058	3.43
890	-0.496	-0.532	34.908	28.059	3.35
900	-0.500	-0.536	34.909	28.059	3.28
910	-0.507	-0.544	34.908	28.059	3.25
920	-0.524	-0.561	34.908	28.060	3.17
930	-0.541	-0.579	34.907	28.060	3.04
940	-0.548	-0.586	34.906	28.060	3.05
950	-0.555	-0.593	34.907	28.061	2.93
960	-0.568	-0.606	34.907	28.062	2.82
970	-0.588	-0.627	34.908	28.063	2.64
980	-0.587	-0.627	34.907	28.063	2.65
990	-0.595	-0.634	34.906	28.062	2.66
1000	-0.598	-0.638	34.907	28.063	2.55
1010	-0.611	-0.651	34.907	28.064	2.44

B88.309					
depth	temp	theta	salnty	sig_th	delta
1020	-0.619	-0.660	34.907	28.064	2.38
1030	-0.626	-0.668	34.907	28.064	2.29
1040	-0.635	-0.677	34.908	28.065	2.20
1050	-0.650	-0.692	34.907	28.066	2.08
1060	-0.656	-0.699	34.907	28.066	2.03
1070	-0.666	-0.709	34.907	28.066	1.96
1080	-0.672	-0.716	34.907	28.067	1.86
1090	-0.686	-0.730	34.908	28.068	1.69
1100	-0.691	-0.736	34.909	28.068	1.61
1110	-0.703	-0.748	34.908	28.069	1.51
1120	-0.719	-0.764	34.908	28.069	1.40
1130	-0.728	-0.773	34.908	28.070	1.31
1140	-0.737	-0.783	34.908	28.070	1.24
1150	-0.743	-0.790	34.909	28.071	1.12
1160	-0.747	-0.794	34.909	28.071	1.09
1170	-0.746	-0.794	34.909	28.071	1.03
1180	-0.743	-0.791	34.911	28.073	0.90
1190	-0.731	-0.779	34.912	28.073	0.88
1200	-0.752	-0.801	34.913	28.075	0.60
1210	-0.763	-0.813	34.912	28.074	0.61
1220	-0.769	-0.819	34.912	28.075	0.53
1230	-0.770	-0.821	34.913	28.076	0.42
1240	-0.781	-0.832	34.913	28.076	0.36
1250	-0.779	-0.831	34.913	28.076	0.29
1260	-0.780	-0.832	34.913	28.076	0.33
1270	-0.787	-0.839	34.914	28.077	0.18
1280	-0.781	-0.833	34.914	28.077	0.17
1290	-0.795	-0.848	34.915	28.078	0.01
1300	-0.789	-0.843	34.914	28.077	0.08
1310	-0.767	-0.822	34.917	28.079	0.02
1320	-0.772	-0.827	34.918	28.080	-0.12
1330	-0.775	-0.831	34.918	28.080	-0.17
1340	-0.782	-0.838	34.918	28.080	-0.26
1350	-0.792	-0.848	34.918	28.081	-0.35
1360	-0.800	-0.857	34.917	28.081	-0.40
1370	-0.802	-0.860	34.918	28.081	-0.45

B88.311					
depth	temp	theta	salnty	sig_th	delta
5	0.626	0.626	31.987	25.644	233.53
10	1.012	1.012	32.164	25.765	222.01
15	1.324	1.323	32.333	25.882	210.93
20	-0.035	-0.036	32.817	26.346	166.80
25	-1.083	-1.084	33.085	26.604	142.22
30	-1.232	-1.233	33.326	26.804	123.18
35	-1.366	-1.367	33.722	27.130	92.29
40	-1.406	-1.407	33.870	27.252	80.71
45	-1.548	-1.549	33.935	27.308	75.30
50	-1.554	-1.555	34.007	27.367	69.73
55	-1.534	-1.535	34.050	27.401	66.44
60	-1.466	-1.467	34.106	27.445	62.33
65	-1.497	-1.499	34.139	27.473	59.62
70	-1.510	-1.511	34.156	27.487	58.27
75	-1.498	-1.500	34.181	27.507	56.33
80	-1.474	-1.476	34.224	27.541	53.10
85	-1.455	-1.457	34.240	27.553	51.95
90	-1.319	-1.322	34.273	27.575	49.83
95	-1.218	-1.220	34.310	27.602	47.32
100	-1.064	-1.067	34.348	27.628	44.90
110	-0.826	-0.829	34.406	27.665	41.40
120	-0.562	-0.566	34.464	27.701	38.12
130	-0.071	-0.075	34.553	27.750	33.68
140	0.295	0.289	34.624	27.787	30.26
150	0.572	0.566	34.678	27.814	27.85
160	0.774	0.767	34.727	27.842	25.36
170	1.028	1.021	34.785	27.871	22.70
180	1.169	1.161	34.820	27.890	21.07
190	1.466	1.456	34.864	27.904	19.88
200	1.557	1.547	34.886	27.915	18.91
210	1.488	1.478	34.903	27.934	17.16
220	1.449	1.438	34.916	27.948	15.89
230	1.426	1.415	34.920	27.952	15.51
240	1.424	1.412	34.922	27.954	15.34
250	1.354	1.341	34.925	27.962	14.63
260	1.321	1.309	34.924	27.963	14.50
270	1.209	1.195	34.920	27.968	14.03
280	1.234	1.220	34.925	27.970	13.81
290	1.224	1.210	34.928	27.974	13.56
300	1.248	1.233	34.935	27.977	13.27
310	1.232	1.217	34.939	27.982	12.87
320	1.214	1.198	34.940	27.984	12.65
330	1.178	1.162	34.939	27.985	12.54
340	1.061	1.045	34.936	27.991	11.92
350	1.008	0.991	34.931	27.991	11.94
360	0.992	0.975	34.930	27.991	11.89
370	0.995	0.977	34.931	27.992	11.89
380	0.985	0.967	34.930	27.992	11.88
390	0.973	0.954	34.930	27.992	11.87
400	0.969	0.949	34.929	27.992	11.89
410	0.981	0.961	34.932	27.994	11.80
420	0.962	0.942	34.931	27.994	11.75
430	0.957	0.936	34.931	27.995	11.73
440	0.946	0.924	34.931	27.995	11.72
450	0.959	0.937	34.933	27.996	11.65

B88.311					
depth	temp	theta	salnty	sig_th	delta
460	0.996	0.974	34.937	27.996	11.70
470	1.000	0.977	34.938	27.997	11.68
480	0.977	0.953	34.937	27.998	11.58
490	1.004	0.981	34.941	27.999	11.52
500	1.017	0.992	34.945	28.002	11.32
510	1.047	1.022	34.950	28.004	11.21
520	0.985	0.959	34.950	28.008	10.77
530	0.985	0.959	34.955	28.012	10.42
540	0.960	0.934	34.955	28.014	10.23
550	0.942	0.915	34.955	28.015	10.12
560	0.903	0.876	34.955	28.018	9.84
570	0.834	0.806	34.950	28.018	9.70
580	0.788	0.760	34.949	28.020	9.49
590	0.735	0.707	34.946	28.021	9.30
600	0.693	0.665	34.944	28.022	9.19
610	0.674	0.645	34.942	28.022	9.17
620	0.621	0.592	34.942	28.025	8.83
630	0.587	0.557	34.939	28.025	8.79
640	0.548	0.519	34.937	28.026	8.65
650	0.496	0.466	34.934	28.026	8.52
660	0.490	0.459	34.932	28.025	8.61
670	0.495	0.464	34.932	28.025	8.64
680	0.482	0.450	34.933	28.027	8.48
690	0.450	0.418	34.932	28.028	8.36
700	0.428	0.396	34.932	28.029	8.22
710	0.386	0.354	34.930	28.030	8.09
720	0.351	0.318	34.927	28.029	8.05
730	0.331	0.298	34.926	28.030	7.94
740	0.300	0.267	34.925	28.031	7.78
750	0.282	0.248	34.925	28.032	7.73
760	0.273	0.239	34.924	28.032	7.69
770	0.262	0.227	34.924	28.032	7.63
780	0.214	0.179	34.926	28.036	7.15
790	0.167	0.131	34.922	28.036	7.08
800	0.162	0.126	34.921	28.036	7.12
810	0.162	0.125	34.921	28.036	7.14
820	0.153	0.117	34.921	28.036	7.10
830	0.149	0.112	34.921	28.036	7.07

B88.313					
depth	temp	theta	salnty	sig_th	delta
5	0.478	0.478	31.597	25.337	262.65
10	0.478	0.477	31.575	25.320	264.33
15	0.498	0.498	31.605	25.343	262.10
20	0.562	0.561	31.650	25.376	258.94
25	0.252	0.251	31.906	25.598	237.81
30	0.025	0.024	32.390	25.999	199.69
35	-1.275	-1.276	32.513	26.146	185.56
40	-0.670	-0.671	32.804	26.362	165.09
45	-1.357	-1.358	32.992	26.537	148.34
50	-1.393	-1.394	33.192	26.701	132.85
55	-1.476	-1.477	33.395	26.868	116.97
60	-1.522	-1.524	33.520	26.970	107.22
65	-1.442	-1.443	33.669	27.089	95.91
70	-1.463	-1.464	33.711	27.124	92.64
75	-1.466	-1.468	33.800	27.196	85.73
80	-1.558	-1.560	33.885	27.268	78.93
85	-1.559	-1.561	33.928	27.303	75.53
90	-1.522	-1.524	33.985	27.348	71.24
95	-1.530	-1.532	34.026	27.382	68.08
100	-1.533	-1.535	34.049	27.400	66.27
110	-1.503	-1.506	34.131	27.466	60.01
120	-1.450	-1.453	34.219	27.536	53.37
130	-1.432	-1.435	34.269	27.576	49.56
140	-1.305	-1.308	34.318	27.612	46.18
150	-1.320	-1.324	34.357	27.644	43.11
160	-1.209	-1.213	34.390	27.667	40.92
170	-0.997	-1.002	34.441	27.701	37.79
180	-0.720	-0.725	34.502	27.738	34.36
190	-0.604	-0.610	34.544	27.768	31.60
200	-0.414	-0.421	34.584	27.791	29.52
210	-0.073	-0.081	34.664	27.839	25.16
220	0.332	0.323	34.769	27.902	19.54
230	0.500	0.491	34.817	27.931	16.91
240	0.610	0.600	34.848	27.949	15.30
250	0.615	0.604	34.872	27.968	13.51
260	0.630	0.619	34.885	27.978	12.60
270	0.640	0.628	34.888	27.980	12.46

B88.314					
depth	temp	theta	salnty	sig_th	delta
5	-0.517	-0.518	29.189	23.434	444.04
10	-0.507	-0.508	29.188	23.433	444.06
15	-0.483	-0.483	29.257	23.488	438.77
20	-0.205	-0.205	30.488	24.473	344.80
25	-0.301	-0.302	30.880	24.793	314.31
30	-0.196	-0.196	31.008	24.892	304.84
35	-0.109	-0.110	31.470	25.262	269.64
40	-0.006	-0.007	31.846	25.561	241.20
45	-1.087	-1.088	32.248	25.926	206.41
50	-1.413	-1.414	32.393	26.053	194.30
55	-1.156	-1.157	32.460	26.100	189.84
60	-1.060	-1.061	32.533	26.156	184.45
65	-0.792	-0.794	32.647	26.240	176.55
70	-1.117	-1.119	32.788	26.364	164.63
75	-1.375	-1.377	32.920	26.479	153.66
80	-1.624	-1.626	33.086	26.620	140.18
85	-1.617	-1.619	33.227	26.735	129.32
90	-1.587	-1.589	33.325	26.814	121.79
95	-1.687	-1.689	33.405	26.881	115.34
100	-1.685	-1.687	33.536	26.988	105.25
110	-1.683	-1.686	33.744	27.157	89.16
120	-1.646	-1.649	33.854	27.245	80.76
130	-1.633	-1.636	33.886	27.271	78.27
140	-1.629	-1.632	33.968	27.338	71.92
150	-1.568	-1.571	34.046	27.399	66.11
160	-1.533	-1.537	34.100	27.442	62.02
170	-1.484	-1.489	34.153	27.484	58.01
180	-1.433	-1.438	34.206	27.525	54.14
190	-1.383	-1.388	34.239	27.550	51.71
200	-1.307	-1.312	34.286	27.586	48.35
210	-1.239	-1.245	34.325	27.616	45.53
220	-1.143	-1.150	34.368	27.646	42.65
230	-0.875	-0.882	34.455	27.707	37.07
240	-0.683	-0.691	34.511	27.745	33.62
250	-0.577	-0.585	34.543	27.765	31.73
260	-0.562	-0.571	34.550	27.771	31.19
270	-0.521	-0.530	34.560	27.777	30.63
280	-0.486	-0.495	34.570	27.783	30.07
290	-0.448	-0.458	34.579	27.789	29.56
300	-0.386	-0.397	34.592	27.797	28.84
310	-0.353	-0.364	34.599	27.801	28.44
320	-0.305	-0.316	34.611	27.808	27.80
330	-0.257	-0.269	34.627	27.819	26.88
340	-0.207	-0.219	34.639	27.826	26.18
350	-0.137	-0.150	34.657	27.837	25.26
360	-0.108	-0.122	34.662	27.840	25.00
370	-0.081	-0.095	34.670	27.845	24.55
380	0.024	0.009	34.692	27.857	23.48
390	0.060	0.044	34.702	27.863	22.99
400	0.072	0.056	34.705	27.865	22.79
410	0.094	0.077	34.710	27.868	22.54

B88.315					
depth	temp	theta	salnty	sig_th	delta
5	0.631	0.631	32.026	25.675	230.54
10	0.635	0.635	32.026	25.675	230.57
15	0.635	0.635	32.027	25.676	230.48
20	0.255	0.254	32.428	26.018	197.88
25	-0.013	-0.013	32.610	26.178	182.72
30	-0.632	-0.633	32.771	26.334	167.80
35	-1.367	-1.368	32.947	26.501	151.89
40	-1.481	-1.482	33.102	26.630	139.60
45	-1.325	-1.326	33.362	26.836	120.02
50	-1.402	-1.403	33.503	26.953	108.93
55	-1.450	-1.452	33.571	27.010	103.48
60	-1.467	-1.469	33.700	27.115	93.54
65	-1.487	-1.489	33.844	27.232	82.38
70	-1.514	-1.516	33.930	27.303	75.63
75	-1.568	-1.570	34.042	27.396	66.83
80	-1.623	-1.625	34.077	27.426	63.97
85	-1.656	-1.658	34.104	27.449	61.75
90	-1.656	-1.658	34.116	27.459	60.77
95	-1.660	-1.662	34.144	27.482	58.57
100	-1.621	-1.623	34.184	27.513	55.61
110	-1.514	-1.517	34.253	27.565	50.62
120	-1.269	-1.272	34.348	27.634	44.13
130	-1.082	-1.086	34.408	27.677	40.16
140	-0.961	-0.965	34.445	27.702	37.76
150	-0.862	-0.866	34.476	27.723	35.79
160	-0.686	-0.691	34.520	27.752	33.14
170	-0.521	-0.527	34.551	27.770	31.53
180	-0.355	-0.361	34.584	27.789	29.81
190	-0.244	-0.251	34.607	27.802	28.58
200	-0.165	-0.172	34.626	27.814	27.54
210	-0.014	-0.022	34.660	27.833	25.80
220	0.196	0.187	34.707	27.860	23.38
230	0.316	0.307	34.739	27.878	21.72
240	0.567	0.556	34.794	27.908	19.07
250	0.573	0.562	34.813	27.923	17.67
260	0.574	0.562	34.818	27.927	17.35
270	0.639	0.627	34.855	27.953	14.96
280	0.668	0.655	34.871	27.964	13.96
290	0.680	0.667	34.880	27.970	13.42
300	0.681	0.668	34.892	27.980	12.50
310	0.642	0.629	34.896	27.986	11.91
320	0.654	0.639	34.901	27.989	11.66

B88.321					
depth	temp	theta	salnty	sig_th	delta
5	-0.719	-0.719	30.572	24.558	336.80
10	-0.661	-0.661	30.634	24.606	332.21
15	-0.645	-0.646	30.707	24.665	326.54
20	-0.794	-0.794	32.520	26.137	186.56
25	-1.352	-1.352	33.387	26.857	118.17
30	-1.427	-1.428	33.670	27.089	96.15
35	-1.433	-1.434	33.715	27.126	92.60
40	-1.459	-1.460	33.835	27.224	83.31
45	-1.465	-1.466	33.970	27.335	72.82
50	-1.482	-1.483	34.080	27.424	64.31
55	-1.536	-1.538	34.139	27.473	59.61
60	-1.608	-1.609	34.178	27.507	56.37
65	-1.641	-1.642	34.197	27.524	54.79
70	-1.647	-1.649	34.212	27.536	53.59
75	-1.613	-1.614	34.230	27.550	52.23
80	-1.602	-1.604	34.242	27.559	51.37
85	-1.557	-1.559	34.264	27.576	49.72
90	-1.460	-1.462	34.278	27.584	48.98
95	-1.201	-1.203	34.314	27.605	47.03
100	-1.091	-1.094	34.339	27.621	45.54
110	-0.685	-0.688	34.424	27.674	40.66
120	-0.362	-0.366	34.492	27.715	36.89
130	-0.109	-0.113	34.540	27.741	34.50
140	0.177	0.171	34.604	27.777	31.17
150	0.499	0.493	34.668	27.810	28.17
160	0.821	0.814	34.729	27.840	25.57
170	1.118	1.110	34.782	27.863	23.54
180	1.501	1.492	34.850	27.890	21.16
190	1.508	1.499	34.874	27.909	19.46
200	1.476	1.466	34.888	27.923	18.17
210	1.439	1.429	34.893	27.929	17.57
220	1.407	1.396	34.902	27.939	16.68
230	1.430	1.419	34.913	27.946	16.04
240	1.431	1.419	34.923	27.955	15.29
250	1.401	1.389	34.924	27.958	15.05
260	1.317	1.304	34.925	27.964	14.40
270	1.280	1.267	34.923	27.966	14.28
280	1.243	1.229	34.925	27.969	13.93
290	1.242	1.228	34.928	27.972	13.68
300	1.266	1.251	34.935	27.976	13.35
310	1.268	1.253	34.938	27.978	13.23
320	1.254	1.238	34.942	27.983	12.82
330	1.181	1.165	34.941	27.987	12.36
340	1.148	1.131	34.940	27.988	12.25
350	1.126	1.109	34.940	27.990	12.15
360	1.102	1.085	34.939	27.991	12.08
370	1.092	1.074	34.940	27.992	11.92
380	1.086	1.067	34.940	27.993	11.89
390	1.090	1.071	34.941	27.993	11.90
400	1.089	1.070	34.941	27.993	11.91
410	1.090	1.070	34.941	27.994	11.92
420	1.089	1.068	34.941	27.994	11.92
430	1.089	1.068	34.942	27.994	11.92
440	1.091	1.069	34.942	27.994	11.95
450	1.091	1.069	34.943	27.995	11.89

B88.321					
depth	temp	theta	salnty	sig_th	delta
460	1.089	1.066	34.942	27.995	11.97
470	1.086	1.063	34.943	27.995	11.95
480	1.069	1.045	34.942	27.996	11.91
490	1.055	1.031	34.942	27.997	11.80
500	1.049	1.025	34.943	27.998	11.70
510	1.038	1.013	34.943	27.999	11.64
520	1.029	1.004	34.945	28.001	11.47
530	1.023	0.997	34.944	28.001	11.48
540	1.019	0.992	34.945	28.002	11.44
550	1.015	0.988	34.944	28.002	11.49
560	0.985	0.957	34.944	28.003	11.31
570	0.980	0.952	34.944	28.004	11.28
580	0.974	0.945	34.944	28.004	11.27
590	0.940	0.911	34.944	28.007	10.99
600	0.944	0.914	34.945	28.007	11.02
610	0.922	0.892	34.948	28.011	10.60
620	0.885	0.854	34.948	28.014	10.34

B88.322					
depth	temp	theta	salnty	sig_th	delta
5	2.014	2.014	32.546	26.005	199.23
10	2.012	2.012	32.543	26.003	199.46
15	2.028	2.027	32.548	26.005	199.22
20	2.064	2.063	32.551	26.005	199.20
25	2.023	2.022	32.612	26.057	194.28
30	1.456	1.455	33.857	27.096	95.74
35	0.956	0.954	34.423	27.584	49.46
40	1.016	1.014	34.582	27.709	37.74
45	0.724	0.722	34.637	27.771	31.78
50	0.857	0.855	34.705	27.818	27.42
55	0.832	0.830	34.748	27.854	23.99
60	0.909	0.907	34.763	27.861	23.35
65	1.107	1.104	34.810	27.886	21.08
70	1.229	1.226	34.853	27.912	18.66
75	1.219	1.216	34.879	27.933	16.63
80	1.210	1.207	34.892	27.944	15.60
85	1.199	1.195	34.904	27.955	14.58
90	1.206	1.201	34.917	27.965	13.65
95	1.183	1.179	34.928	27.976	12.67
100	1.142	1.137	34.932	27.982	12.11
110	1.082	1.077	34.936	27.989	11.42
120	1.063	1.058	34.942	27.995	10.86
130	1.037	1.031	34.948	28.002	10.27
140	1.016	1.010	34.951	28.006	9.91
150	0.992	0.985	34.952	28.008	9.73
160	0.922	0.915	34.951	28.012	9.33
170	0.887	0.879	34.950	28.014	9.19
180	0.819	0.811	34.948	28.016	8.92
190	0.771	0.763	34.947	28.019	8.72
200	0.747	0.738	34.945	28.019	8.72
210	0.722	0.713	34.944	28.019	8.66
220	0.690	0.680	34.944	28.021	8.52
230	0.666	0.656	34.943	28.022	8.42
240	0.605	0.594	34.941	28.024	8.19
250	0.560	0.549	34.940	28.026	8.01
260	0.497	0.486	34.936	28.027	7.86
270	0.436	0.424	34.933	28.028	7.71
280	0.375	0.363	34.931	28.030	7.54
290	0.327	0.314	34.928	28.031	7.44
300	0.289	0.276	34.927	28.032	7.34
310	0.246	0.233	34.925	28.033	7.20
320	0.225	0.212	34.924	28.033	7.14
330	0.181	0.168	34.923	28.035	6.95
340	0.146	0.133	34.921	28.035	6.92
350	0.091	0.077	34.920	28.038	6.61
360	0.054	0.039	34.918	28.038	6.53
370	0.022	0.007	34.916	28.038	6.53
380	-0.019	-0.035	34.915	28.039	6.34
390	-0.050	-0.065	34.915	28.041	6.18
400	-0.041	-0.057	34.914	28.040	6.29
410	-0.050	-0.067	34.916	28.042	6.05
420	-0.088	-0.105	34.917	28.045	5.78
430	-0.114	-0.131	34.915	28.044	5.75
440	-0.129	-0.146	34.914	28.045	5.69
450	-0.158	-0.175	34.914	28.046	5.55

B88.322					
depth	temp	theta	salnty	sig_th	delta
460	-0.199	-0.217	34.913	28.047	5.35
470	-0.220	-0.238	34.913	28.048	5.26
480	-0.234	-0.253	34.912	28.049	5.17
490	-0.259	-0.277	34.911	28.049	5.11
500	-0.292	-0.312	34.911	28.050	4.92
510	-0.305	-0.324	34.911	28.051	4.84
520	-0.323	-0.343	34.910	28.052	4.74
530	-0.348	-0.368	34.910	28.053	4.60
540	-0.354	-0.375	34.909	28.052	4.63
550	-0.359	-0.380	34.910	28.053	4.52
560	-0.372	-0.393	34.910	28.054	4.42
570	-0.384	-0.406	34.910	28.054	4.35
580	-0.390	-0.413	34.910	28.055	4.27
590	-0.408	-0.430	34.910	28.056	4.19
600	-0.415	-0.438	34.909	28.055	4.19
610	-0.431	-0.455	34.909	28.056	4.07
620	-0.438	-0.462	34.909	28.056	4.07
630	-0.455	-0.479	34.908	28.056	3.98
640	-0.465	-0.489	34.907	28.056	3.98
650	-0.469	-0.494	34.907	28.056	3.93
660	-0.476	-0.501	34.908	28.057	3.85
670	-0.483	-0.508	34.907	28.057	3.81
680	-0.494	-0.520	34.908	28.058	3.67
690	-0.503	-0.530	34.908	28.058	3.63
700	-0.513	-0.540	34.907	28.059	3.57
710	-0.520	-0.547	34.907	28.058	3.58
720	-0.532	-0.559	34.907	28.059	3.46
730	-0.550	-0.578	34.906	28.059	3.40
740	-0.548	-0.577	34.906	28.059	3.38
750	-0.543	-0.572	34.907	28.060	3.34
760	-0.557	-0.587	34.907	28.060	3.26
770	-0.570	-0.600	34.906	28.060	3.21
780	-0.572	-0.602	34.906	28.060	3.16
790	-0.554	-0.585	34.907	28.060	3.20
800	-0.582	-0.612	34.908	28.062	2.97
810	-0.561	-0.593	34.909	28.062	2.99
820	-0.576	-0.608	34.908	28.062	2.91
830	-0.579	-0.612	34.908	28.062	2.90
840	-0.579	-0.612	34.908	28.063	2.86
850	-0.582	-0.616	34.908	28.063	2.84
860	-0.583	-0.616	34.909	28.064	2.72
870	-0.595	-0.629	34.909	28.064	2.62
880	-0.595	-0.629	34.910	28.064	2.59
890	-0.608	-0.642	34.912	28.067	2.29
900	-0.590	-0.626	34.911	28.065	2.49
910	-0.611	-0.647	34.910	28.066	2.37
920	-0.613	-0.649	34.912	28.067	2.25
930	-0.630	-0.667	34.911	28.067	2.20
940	-0.654	-0.691	34.910	28.067	2.09
950	-0.659	-0.696	34.911	28.068	1.96
960	-0.668	-0.706	34.910	28.068	1.94
970	-0.672	-0.710	34.909	28.068	1.93
980	-0.681	-0.720	34.910	28.069	1.83
990	-0.699	-0.738	34.910	28.069	1.68
1000	-0.694	-0.733	34.911	28.070	1.63

B88.322					
depth	temp	theta	salnty	sig_th	delta
1010	-0.686	-0.726	34.912	28.071	1.56
1020	-0.704	-0.745	34.911	28.071	1.48
1030	-0.720	-0.761	34.911	28.071	1.37
1040	-0.715	-0.756	34.910	28.071	1.42
1050	-0.718	-0.759	34.911	28.072	1.31
1060	-0.715	-0.757	34.912	28.072	1.23
1070	-0.719	-0.761	34.913	28.073	1.13
1080	-0.725	-0.768	34.913	28.073	1.11
1090	-0.733	-0.777	34.913	28.074	1.01
1100	-0.742	-0.786	34.912	28.073	1.00
1110	-0.746	-0.791	34.912	28.073	0.96
1120	-0.748	-0.793	34.912	28.074	0.87
1130	-0.750	-0.796	34.913	28.075	0.79
1140	-0.753	-0.799	34.913	28.075	0.74
1150	-0.755	-0.802	34.913	28.075	0.68
1160	-0.759	-0.806	34.913	28.075	0.63
1170	-0.762	-0.809	34.914	28.076	0.57
1180	-0.768	-0.816	34.914	28.076	0.50
1190	-0.773	-0.821	34.914	28.076	0.43
1200	-0.777	-0.826	34.914	28.077	0.37
1210	-0.786	-0.835	34.914	28.077	0.28
1220	-0.792	-0.842	34.914	28.077	0.22
1230	-0.801	-0.851	34.914	28.077	0.17
1240	-0.797	-0.847	34.914	28.078	0.13
1250	-0.811	-0.862	34.914	28.078	-0.01
1260	-0.811	-0.863	34.914	28.078	0.00
1270	-0.817	-0.869	34.914	28.078	-0.07
1280	-0.817	-0.869	34.915	28.079	-0.16
1290	-0.831	-0.884	34.914	28.079	-0.23
1300	-0.828	-0.881	34.915	28.080	-0.29

B88.323					
depth	temp	theta	salnty	sig_th	delta
5	1.853	1.853	32.643	26.095	190.70
10	1.891	1.891	32.632	26.083	191.81
15	1.886	1.885	32.645	26.093	190.85
20	1.925	1.924	32.658	26.101	190.12
25	1.625	1.624	33.718	26.972	107.49
30	0.618	0.617	34.241	27.459	61.32
35	-0.100	-0.102	34.458	27.674	40.91
40	0.023	0.022	34.521	27.719	36.67
45	0.103	0.102	34.568	27.752	33.55
50	0.268	0.266	34.599	27.768	32.00
55	0.539	0.537	34.685	27.821	27.04
60	0.703	0.700	34.714	27.835	25.81
65	0.770	0.767	34.758	27.866	22.83
70	0.936	0.933	34.798	27.888	20.87
75	1.063	1.059	34.821	27.898	19.97
80	1.040	1.036	34.830	27.906	19.15
85	1.090	1.086	34.846	27.916	18.30
90	1.171	1.167	34.857	27.920	17.96
95	1.276	1.271	34.881	27.931	16.88
100	1.366	1.361	34.891	27.933	16.77
110	1.271	1.266	34.903	27.949	15.23
120	1.243	1.237	34.911	27.958	14.47
130	1.190	1.183	34.917	27.967	13.66
140	1.138	1.132	34.926	27.977	12.67
150	1.053	1.046	34.919	27.977	12.67
160	1.013	1.006	34.926	27.986	11.85
170	1.008	1.000	34.929	27.988	11.66
180	1.019	1.011	34.934	27.992	11.36
190	1.034	1.025	34.939	27.995	11.12
200	1.017	1.008	34.941	27.998	10.86
210	0.973	0.963	34.944	28.003	10.39
220	1.022	1.011	34.948	28.003	10.45
230	0.998	0.987	34.949	28.006	10.19
240	0.965	0.954	34.951	28.009	9.87
250	0.924	0.913	34.949	28.010	9.77
260	0.897	0.885	34.947	28.011	9.70
270	0.848	0.836	34.945	28.013	9.53
280	0.790	0.777	34.943	28.014	9.33
290	0.816	0.803	34.947	28.016	9.27
300	0.723	0.709	34.946	28.021	8.68
310	0.654	0.641	34.941	28.022	8.61
320	0.629	0.615	34.939	28.022	8.59
330	0.589	0.574	34.935	28.021	8.65
340	0.563	0.548	34.936	28.023	8.43
350	0.499	0.483	34.935	28.026	8.09
360	0.427	0.411	34.932	28.028	7.86
370	0.345	0.329	34.930	28.031	7.52
380	0.275	0.259	34.927	28.033	7.26
390	0.200	0.184	34.923	28.034	7.07
400	0.161	0.145	34.921	28.034	7.01
410	0.136	0.119	34.920	28.035	6.90
420	0.080	0.063	34.914	28.034	6.99
430	0.012	-0.005	34.918	28.041	6.27
440	-0.012	-0.030	34.916	28.040	6.31
450	-0.025	-0.043	34.916	28.041	6.23

B88.323					
depth	temp	theta	salnty	sig_th	delta
460	-0.057	-0.076	34.916	28.043	5.99
470	-0.070	-0.089	34.915	28.042	5.99
480	-0.097	-0.116	34.916	28.045	5.76
490	-0.113	-0.133	34.915	28.045	5.73
500	-0.141	-0.161	34.914	28.045	5.62
510	-0.157	-0.177	34.913	28.046	5.56
520	-0.164	-0.184	34.913	28.046	5.53
530	-0.178	-0.199	34.913	28.047	5.40
540	-0.198	-0.220	34.913	28.048	5.28
550	-0.221	-0.243	34.912	28.048	5.22
560	-0.224	-0.246	34.912	28.048	5.20
570	-0.246	-0.269	34.912	28.049	5.07
580	-0.273	-0.296	34.912	28.051	4.86
590	-0.298	-0.321	34.911	28.051	4.78
600	-0.309	-0.332	34.910	28.050	4.82
610	-0.337	-0.361	34.910	28.053	4.57
620	-0.362	-0.386	34.909	28.053	4.49
630	-0.371	-0.396	34.909	28.053	4.47
640	-0.386	-0.411	34.908	28.053	4.40
650	-0.406	-0.431	34.908	28.054	4.30
660	-0.415	-0.441	34.908	28.054	4.22
670	-0.427	-0.453	34.907	28.054	4.17
680	-0.432	-0.458	34.907	28.055	4.13
690	-0.443	-0.470	34.907	28.055	4.05
700	-0.440	-0.467	34.906	28.054	4.15
710	-0.460	-0.487	34.906	28.055	3.99
720	-0.470	-0.498	34.908	28.057	3.80
730	-0.465	-0.493	34.908	28.057	3.77
740	-0.464	-0.493	34.909	28.057	3.74
750	-0.465	-0.495	34.910	28.059	3.60
760	-0.470	-0.500	34.911	28.060	3.49
770	-0.471	-0.502	34.911	28.060	3.45
780	-0.472	-0.503	34.911	28.060	3.46
790	-0.495	-0.526	34.910	28.060	3.35
800	-0.505	-0.537	34.909	28.060	3.35
810	-0.522	-0.553	34.909	28.060	3.27
820	-0.526	-0.559	34.908	28.060	3.24
830	-0.532	-0.564	34.908	28.061	3.18
840	-0.548	-0.581	34.908	28.061	3.09
850	-0.529	-0.563	34.909	28.061	3.11
860	-0.520	-0.554	34.911	28.062	3.03
870	-0.515	-0.550	34.911	28.062	3.01
880	-0.528	-0.563	34.912	28.063	2.89
890	-0.567	-0.602	34.912	28.065	2.61
900	-0.571	-0.606	34.910	28.064	2.67
910	-0.581	-0.617	34.909	28.064	2.65
920	-0.590	-0.626	34.909	28.064	2.60
930	-0.594	-0.630	34.909	28.064	2.56
940	-0.621	-0.658	34.909	28.066	2.33
950	-0.630	-0.668	34.909	28.066	2.27
960	-0.627	-0.665	34.909	28.066	2.26
970	-0.625	-0.663	34.911	28.067	2.16
980	-0.605	-0.644	34.914	28.068	2.06
990	-0.620	-0.660	34.913	28.069	1.98
1000	-0.631	-0.671	34.913	28.069	1.90

B88.323					
depth	temp	theta	salnty	sig_th	delta
1010	-0.686	-0.727	34.911	28.070	1.64
1020	-0.681	-0.721	34.910	28.069	1.71
1030	-0.682	-0.723	34.912	28.070	1.56
1040	-0.706	-0.747	34.910	28.070	1.51
1050	-0.726	-0.768	34.911	28.071	1.30
1060	-0.736	-0.778	34.908	28.070	1.38
1070	-0.744	-0.786	34.908	28.070	1.34
1080	-0.759	-0.802	34.907	28.070	1.28
1090	-0.772	-0.815	34.907	28.070	1.19
1100	-0.774	-0.818	34.907	28.070	1.15
1110	-0.766	-0.810	34.907	28.070	1.18
1120	-0.762	-0.807	34.908	28.071	1.10
1130	-0.739	-0.785	34.910	28.072	1.08
1140	-0.742	-0.788	34.911	28.073	0.99
1150	-0.747	-0.794	34.911	28.073	0.90
1160	-0.748	-0.795	34.911	28.073	0.89
1170	-0.752	-0.800	34.911	28.073	0.83
1180	-0.753	-0.801	34.912	28.074	0.76
1190	-0.761	-0.809	34.911	28.073	0.75
1200	-0.776	-0.825	34.911	28.074	0.62
1210	-0.775	-0.824	34.911	28.074	0.57
1220	-0.774	-0.824	34.912	28.075	0.47
1230	-0.779	-0.829	34.912	28.075	0.42
1240	-0.783	-0.834	34.913	28.076	0.35
1250	-0.806	-0.857	34.910	28.075	0.35
1260	-0.817	-0.869	34.911	28.076	0.15
1270	-0.817	-0.869	34.911	28.076	0.13
1280	-0.821	-0.874	34.912	28.077	0.01
1290	-0.827	-0.880	34.912	28.077	-0.06
1300	-0.833	-0.887	34.912	28.078	-0.13
1310	-0.831	-0.885	34.912	28.078	-0.12
1320	-0.838	-0.893	34.913	28.079	-0.26
1330	-0.838	-0.893	34.913	28.079	-0.29
1340	-0.844	-0.900	34.914	28.079	-0.40
1350	-0.849	-0.905	34.913	28.079	-0.43
1360	-0.849	-0.906	34.913	28.079	-0.44
1370	-0.854	-0.911	34.914	28.080	-0.54
1380	-0.858	-0.915	34.914	28.080	-0.59
1390	-0.862	-0.919	34.913	28.080	-0.62
1400	-0.859	-0.917	34.914	28.080	-0.64
1410	-0.864	-0.923	34.914	28.081	-0.73
1420	-0.868	-0.927	34.914	28.081	-0.77
1430	-0.878	-0.938	34.914	28.081	-0.87
1440	-0.887	-0.947	34.913	28.081	-0.92
1450	-0.895	-0.956	34.913	28.081	-0.97
1460	-0.896	-0.957	34.912	28.081	-0.98
1470	-0.898	-0.959	34.913	28.081	-1.04
1480	-0.901	-0.964	34.913	28.081	-1.12
1490	-0.904	-0.967	34.913	28.081	-1.14
1500	-0.906	-0.969	34.913	28.082	-1.20
1510	-0.912	-0.976	34.914	28.082	-1.32
1520	-0.918	-0.982	34.913	28.082	-1.32
1530	-0.922	-0.987	34.913	28.083	-1.42
1540	-0.926	-0.992	34.913	28.083	-1.47
1550	-0.938	-1.003	34.913	28.083	-1.61

B88.323					
depth	temp	theta	salnty	sig_th	delta
1560	-0.941	-1.007	34.913	28.083	-1.60
1570	-0.950	-1.016	34.913	28.083	-1.70
1580	-0.956	-1.023	34.913	28.084	-1.78
1590	-0.961	-1.028	34.912	28.084	-1.82

B88.324					
depth	temp	theta	salnty	sig_th	delta
5	2.464	2.463	32.594	26.009	198.83
10	2.464	2.463	32.596	26.011	198.67
15	2.505	2.504	32.609	26.018	198.04
20	2.244	2.242	32.756	26.156	184.92
25	1.101	1.100	33.679	26.977	106.99
30	0.388	0.387	34.356	27.565	51.25
35	0.254	0.253	34.533	27.716	36.98
40	0.293	0.291	34.567	27.741	34.59
45	0.326	0.324	34.570	27.741	34.57
50	0.428	0.427	34.603	27.762	32.63
55	0.911	0.908	34.711	27.819	27.30
60	1.224	1.221	34.800	27.869	22.62
65	1.375	1.371	34.844	27.894	20.33
70	1.351	1.347	34.862	27.911	18.77
75	1.526	1.522	34.890	27.920	17.95
80	1.484	1.480	34.901	27.932	16.81
85	1.366	1.362	34.906	27.945	15.59
90	1.194	1.190	34.900	27.952	14.89
95	1.227	1.223	34.908	27.957	14.49
100	1.103	1.098	34.903	27.961	14.04
110	1.040	1.035	34.909	27.970	13.21
120	1.038	1.032	34.912	27.973	13.00
130	1.109	1.103	34.924	27.977	12.59
140	1.008	1.002	34.924	27.984	11.95
150	0.984	0.977	34.924	27.986	11.77
160	0.990	0.983	34.928	27.989	11.56
170	1.000	0.993	34.936	27.995	11.02
180	0.993	0.985	34.940	27.998	10.74
190	0.933	0.925	34.942	28.004	10.19
200	0.897	0.888	34.942	28.007	9.93
210	0.829	0.820	34.940	28.009	9.70
220	0.816	0.806	34.942	28.011	9.50
230	0.815	0.805	34.942	28.012	9.46
240	0.804	0.793	34.945	28.015	9.22
250	0.739	0.727	34.943	28.018	8.93
260	0.684	0.672	34.942	28.020	8.64
270	0.553	0.542	34.933	28.021	8.51
280	0.498	0.486	34.931	28.023	8.33
290	0.464	0.451	34.928	28.022	8.34
300	0.418	0.406	34.926	28.023	8.21
310	0.369	0.356	34.926	28.026	7.91
320	0.361	0.348	34.923	28.024	8.10
330	0.343	0.329	34.922	28.025	8.02
340	0.321	0.306	34.923	28.027	7.87
350	0.305	0.291	34.922	28.027	7.81
360	0.294	0.279	34.922	28.028	7.74
370	0.276	0.260	34.921	28.028	7.69
380	0.257	0.241	34.921	28.029	7.63
390	0.236	0.220	34.921	28.030	7.47
400	0.199	0.182	34.921	28.032	7.26
410	0.171	0.154	34.921	28.034	7.06
420	0.123	0.106	34.920	28.036	6.83
430	0.097	0.079	34.919	28.036	6.77
440	0.040	0.022	34.918	28.039	6.47
450	0.010	-0.008	34.917	28.040	6.34

B88.324					
depth	temp	theta	salnty	sig_th	delta
460	-0.010	-0.029	34.916	28.040	6.31
470	-0.059	-0.078	34.917	28.043	5.92
480	-0.082	-0.101	34.916	28.044	5.81
490	-0.106	-0.126	34.914	28.044	5.80
500	-0.141	-0.161	34.913	28.045	5.68
510	-0.183	-0.203	34.913	28.047	5.41
520	-0.203	-0.223	34.913	28.048	5.31
530	-0.237	-0.258	34.914	28.050	5.03
540	-0.247	-0.268	34.912	28.049	5.05
550	-0.255	-0.276	34.912	28.050	5.01
560	-0.276	-0.298	34.912	28.051	4.86
570	-0.312	-0.334	34.911	28.052	4.74
580	-0.339	-0.361	34.911	28.053	4.56
590	-0.360	-0.383	34.911	28.054	4.44
600	-0.365	-0.388	34.910	28.053	4.47
610	-0.396	-0.420	34.909	28.054	4.34
620	-0.421	-0.445	34.909	28.055	4.15
630	-0.427	-0.451	34.908	28.055	4.19
640	-0.429	-0.454	34.907	28.055	4.19
650	-0.443	-0.468	34.907	28.055	4.13
660	-0.458	-0.483	34.907	28.056	4.01
670	-0.460	-0.486	34.906	28.055	4.04
680	-0.467	-0.494	34.906	28.055	3.99
690	-0.488	-0.515	34.907	28.057	3.81
700	-0.496	-0.523	34.905	28.056	3.83
710	-0.515	-0.543	34.905	28.057	3.69
720	-0.529	-0.557	34.905	28.058	3.61
730	-0.521	-0.549	34.905	28.057	3.68
740	-0.556	-0.584	34.906	28.059	3.38
750	-0.564	-0.592	34.905	28.059	3.35
760	-0.566	-0.595	34.905	28.060	3.29
770	-0.570	-0.600	34.905	28.059	3.28
780	-0.577	-0.607	34.906	28.061	3.14
790	-0.581	-0.612	34.906	28.061	3.08
800	-0.583	-0.614	34.906	28.061	3.09
810	-0.589	-0.621	34.906	28.061	3.00
820	-0.595	-0.626	34.906	28.062	2.96
830	-0.600	-0.633	34.906	28.062	2.89
840	-0.602	-0.634	34.906	28.062	2.89
850	-0.609	-0.642	34.905	28.062	2.87
860	-0.634	-0.667	34.907	28.064	2.53
870	-0.638	-0.672	34.907	28.065	2.49
880	-0.640	-0.674	34.907	28.065	2.47
890	-0.641	-0.676	34.907	28.064	2.46
900	-0.660	-0.695	34.908	28.066	2.22
910	-0.662	-0.697	34.908	28.066	2.24
920	-0.666	-0.702	34.908	28.066	2.18
930	-0.667	-0.703	34.908	28.067	2.12
940	-0.674	-0.711	34.909	28.067	2.02
950	-0.687	-0.724	34.909	28.068	1.91
960	-0.708	-0.745	34.909	28.069	1.73
970	-0.740	-0.778	34.908	28.070	1.56
980	-0.749	-0.787	34.908	28.070	1.46
990	-0.747	-0.786	34.908	28.070	1.48
1000	-0.750	-0.789	34.908	28.071	1.41

B88.324					
depth	temp	theta	salnty	sig_th	delta
1010	-0.750	-0.790	34.908	28.070	1.44
1020	-0.754	-0.794	34.908	28.071	1.34
1030	-0.754	-0.795	34.909	28.071	1.25
1040	-0.761	-0.802	34.910	28.072	1.15
1050	-0.759	-0.800	34.910	28.072	1.16
1060	-0.765	-0.807	34.910	28.073	1.04
1070	-0.775	-0.818	34.910	28.073	0.95
1080	-0.779	-0.821	34.910	28.073	0.91
1090	-0.783	-0.827	34.910	28.074	0.84
1100	-0.783	-0.827	34.910	28.074	0.82
1110	-0.783	-0.827	34.911	28.074	0.79
1120	-0.787	-0.832	34.911	28.075	0.68
1130	-0.800	-0.845	34.912	28.076	0.50
1140	-0.804	-0.850	34.912	28.076	0.44
1150	-0.808	-0.854	34.912	28.076	0.41
1160	-0.814	-0.860	34.912	28.077	0.32
1170	-0.823	-0.870	34.913	28.078	0.17
1180	-0.838	-0.886	34.913	28.078	0.04
1190	-0.842	-0.889	34.913	28.078	0.04
1200	-0.848	-0.896	34.913	28.079	-0.05
1210	-0.845	-0.893	34.913	28.078	-0.04
1220	-0.853	-0.902	34.913	28.079	-0.12
1230	-0.853	-0.903	34.913	28.079	-0.16
1240	-0.852	-0.902	34.913	28.079	-0.17
1250	-0.859	-0.910	34.913	28.079	-0.23
1260	-0.862	-0.913	34.913	28.079	-0.30
1270	-0.863	-0.914	34.913	28.079	-0.31
1280	-0.856	-0.908	34.912	28.079	-0.24
1290	-0.856	-0.909	34.913	28.079	-0.33
1300	-0.856	-0.909	34.912	28.079	-0.29
1310	-0.856	-0.910	34.913	28.079	-0.36

B88.325					
depth	temp	theta	salnty	sig_th	delta
5	2.507	2.507	32.514	25.942	205.25
10	2.506	2.505	32.496	25.927	206.64
15	2.477	2.476	32.516	25.946	204.89
20	2.374	2.373	32.579	26.004	199.32
25	0.334	0.333	33.799	27.119	93.46
30	-0.430	-0.431	34.200	27.481	59.10
35	-0.830	-0.831	34.315	27.591	48.65
40	-0.776	-0.777	34.401	27.659	42.21
45	-0.735	-0.736	34.433	27.683	39.90
50	-0.549	-0.551	34.493	27.723	36.13
55	-0.347	-0.349	34.545	27.756	33.03
60	-0.191	-0.193	34.583	27.780	30.85
65	-0.080	-0.082	34.602	27.789	30.00
70	0.157	0.154	34.645	27.811	27.94
75	0.044	0.041	34.659	27.829	26.23
80	0.686	0.682	34.709	27.832	26.10
85	0.844	0.840	34.765	27.867	22.84
90	0.881	0.877	34.802	27.895	20.25
95	0.978	0.974	34.830	27.910	18.80
100	0.973	0.968	34.837	27.917	18.21
110	1.032	1.027	34.856	27.928	17.22
120	1.043	1.037	34.876	27.943	15.75
130	0.982	0.976	34.888	27.957	14.51
140	0.964	0.957	34.895	27.964	13.84
150	0.902	0.896	34.905	27.976	12.69
160	0.863	0.856	34.907	27.980	12.31
170	0.862	0.854	34.912	27.984	11.95
180	0.870	0.862	34.919	27.990	11.47
190	0.850	0.842	34.925	27.996	10.89
200	0.730	0.721	34.924	28.003	10.24
210	0.513	0.504	34.923	28.015	8.92
220	0.530	0.520	34.918	28.010	9.43
230	0.589	0.579	34.926	28.013	9.22
240	0.550	0.540	34.928	28.017	8.85
250	0.501	0.491	34.928	28.020	8.49
260	0.455	0.444	34.926	28.021	8.39
270	0.409	0.398	34.923	28.022	8.34
280	0.371	0.360	34.924	28.024	8.07
290	0.307	0.295	34.920	28.026	7.91
300	0.272	0.260	34.920	28.027	7.73
310	0.256	0.243	34.919	28.027	7.71
320	0.241	0.228	34.919	28.028	7.63
330	0.195	0.182	34.919	28.031	7.34
340	0.172	0.158	34.917	28.031	7.34
350	0.142	0.128	34.918	28.033	7.08
360	0.122	0.107	34.917	28.034	7.01
370	0.115	0.100	34.917	28.034	7.02
380	0.099	0.084	34.917	28.034	6.94
390	0.082	0.066	34.916	28.035	6.85
400	0.073	0.057	34.916	28.036	6.80
410	0.065	0.048	34.916	28.036	6.77
420	0.008	-0.009	34.916	28.039	6.40
430	-0.020	-0.037	34.916	28.040	6.27
440	-0.022	-0.040	34.916	28.041	6.23
450	-0.070	-0.088	34.915	28.042	6.02

B88.325					
depth	temp	theta	salnty	sig_th	delta
460	-0.100	-0.118	34.911	28.041	6.11
470	-0.138	-0.156	34.914	28.045	5.65
480	-0.148	-0.167	34.914	28.046	5.59
490	-0.159	-0.179	34.913	28.045	5.58
500	-0.171	-0.190	34.914	28.047	5.43
510	-0.193	-0.213	34.913	28.047	5.39
520	-0.197	-0.217	34.912	28.046	5.43
530	-0.203	-0.224	34.912	28.047	5.38
540	-0.254	-0.275	34.913	28.051	4.93
550	-0.258	-0.280	34.911	28.049	5.08
560	-0.280	-0.302	34.911	28.050	4.94
570	-0.290	-0.312	34.910	28.050	4.95
580	-0.316	-0.339	34.911	28.052	4.70
590	-0.329	-0.352	34.910	28.052	4.65
600	-0.339	-0.363	34.909	28.051	4.69
610	-0.347	-0.371	34.909	28.052	4.63
620	-0.355	-0.379	34.909	28.052	4.57
630	-0.365	-0.390	34.907	28.051	4.61
640	-0.391	-0.416	34.909	28.054	4.31
650	-0.404	-0.429	34.907	28.053	4.37
660	-0.461	-0.486	34.909	28.057	3.88
670	-0.466	-0.491	34.907	28.056	3.93
680	-0.469	-0.496	34.907	28.056	3.91
690	-0.475	-0.501	34.907	28.057	3.86
700	-0.478	-0.505	34.907	28.056	3.85
710	-0.479	-0.507	34.907	28.057	3.82
720	-0.485	-0.513	34.907	28.057	3.76
730	-0.486	-0.515	34.907	28.057	3.76
740	-0.497	-0.525	34.907	28.058	3.65
750	-0.496	-0.525	34.906	28.057	3.68
760	-0.492	-0.522	34.906	28.057	3.69
770	-0.496	-0.526	34.907	28.057	3.65
780	-0.497	-0.527	34.906	28.057	3.65
790	-0.497	-0.528	34.906	28.057	3.64
800	-0.505	-0.537	34.907	28.058	3.54
810	-0.515	-0.547	34.906	28.058	3.47
820	-0.529	-0.562	34.908	28.060	3.28
830	-0.536	-0.569	34.908	28.060	3.22
840	-0.547	-0.580	34.908	28.061	3.10
850	-0.564	-0.598	34.908	28.062	2.96
860	-0.576	-0.609	34.908	28.062	2.89
870	-0.577	-0.611	34.908	28.062	2.85
880	-0.588	-0.622	34.908	28.063	2.76
890	-0.612	-0.647	34.909	28.065	2.51
900	-0.624	-0.660	34.909	28.066	2.37
910	-0.636	-0.672	34.909	28.066	2.30
920	-0.654	-0.690	34.910	28.067	2.11

B88.326					
depth	temp	theta	salnty	sig_th	delta
5	3.111	3.111	31.982	25.467	250.35
10	3.122	3.121	31.991	25.473	249.79
15	3.256	3.256	32.064	25.520	245.34
20	2.043	2.042	33.006	26.371	164.51
25	0.381	0.380	33.408	26.801	123.60
30	-0.705	-0.706	33.960	27.299	76.31
35	-1.047	-1.048	34.240	27.539	53.58
40	-1.064	-1.065	34.269	27.563	51.27
45	-1.032	-1.033	34.350	27.628	45.12
50	-0.819	-0.820	34.443	27.695	38.77
55	-0.680	-0.681	34.489	27.726	35.87
60	-0.804	-0.805	34.535	27.769	31.78
65	-0.747	-0.749	34.574	27.798	29.00
70	-0.483	-0.485	34.619	27.823	26.73
75	-0.222	-0.225	34.650	27.835	25.60
80	-0.057	-0.060	34.677	27.848	24.37
85	-0.101	-0.104	34.706	27.874	21.93
90	0.297	0.294	34.724	27.867	22.68
95	0.635	0.631	34.804	27.912	18.55
100	0.995	0.991	34.801	27.886	21.11
110	1.197	1.192	34.848	27.910	18.89
120	0.889	0.884	34.864	27.944	15.63
130	0.851	0.845	34.869	27.950	15.08
140	0.764	0.757	34.878	27.963	13.86
150	0.776	0.769	34.881	27.965	13.67
160	0.852	0.845	34.895	27.971	13.15
170	0.900	0.892	34.907	27.978	12.59
180	0.909	0.901	34.912	27.982	12.26
190	0.881	0.873	34.915	27.986	11.87
200	0.888	0.879	34.922	27.991	11.45
210	0.915	0.905	34.928	27.994	11.19
220	0.906	0.896	34.930	27.996	10.99
230	0.900	0.890	34.933	27.999	10.70
240	0.852	0.841	34.934	28.003	10.39
250	0.785	0.773	34.932	28.006	10.10
260	0.743	0.732	34.931	28.008	9.88
270	0.607	0.596	34.927	28.013	9.30
280	0.593	0.580	34.927	28.014	9.26
290	0.504	0.491	34.922	28.016	9.01
300	0.500	0.487	34.925	28.018	8.81
310	0.450	0.437	34.924	28.020	8.53
320	0.406	0.393	34.923	28.022	8.40
330	0.366	0.352	34.922	28.023	8.20
340	0.343	0.328	34.921	28.024	8.10
350	0.274	0.259	34.917	28.025	7.98
360	0.237	0.222	34.918	28.027	7.73
370	0.224	0.209	34.918	28.028	7.65
380	0.199	0.183	34.917	28.029	7.51
390	0.153	0.137	34.917	28.032	7.25
400	0.120	0.104	34.917	28.033	7.06
410	0.104	0.088	34.916	28.034	7.02
420	0.075	0.058	34.915	28.035	6.91
430	0.026	0.009	34.914	28.036	6.69
440	-0.001	-0.019	34.913	28.037	6.56
450	-0.030	-0.049	34.913	28.039	6.38

B88.326					
depth	temp	theta	salnty	sig_th	delta
460	-0.053	-0.072	34.913	28.040	6.25
470	-0.065	-0.084	34.913	28.041	6.16
480	-0.091	-0.110	34.913	28.042	6.02
490	-0.112	-0.131	34.913	28.043	5.91
500	-0.123	-0.143	34.912	28.043	5.89
510	-0.150	-0.170	34.912	28.044	5.71
520	-0.178	-0.198	34.911	28.044	5.64
530	-0.196	-0.216	34.910	28.045	5.55
540	-0.212	-0.233	34.910	28.045	5.48
550	-0.217	-0.239	34.909	28.045	5.49
560	-0.233	-0.255	34.910	28.047	5.29
570	-0.254	-0.277	34.911	28.048	5.12
580	-0.266	-0.289	34.909	28.048	5.12
590	-0.284	-0.307	34.909	28.049	5.01
600	-0.314	-0.338	34.909	28.051	4.80
610	-0.319	-0.343	34.908	28.050	4.84
620	-0.325	-0.349	34.908	28.050	4.80
630	-0.344	-0.369	34.908	28.051	4.68
640	-0.353	-0.378	34.908	28.052	4.60
650	-0.367	-0.393	34.908	28.052	4.52
660	-0.380	-0.405	34.908	28.053	4.43
670	-0.391	-0.417	34.908	28.053	4.37
680	-0.399	-0.425	34.908	28.053	4.32
690	-0.407	-0.434	34.908	28.054	4.22
700	-0.414	-0.442	34.908	28.054	4.18
710	-0.440	-0.468	34.908	28.055	4.01
720	-0.458	-0.486	34.908	28.057	3.84
730	-0.474	-0.503	34.908	28.057	3.74
740	-0.489	-0.518	34.907	28.057	3.71
750	-0.500	-0.529	34.907	28.058	3.62
760	-0.515	-0.545	34.907	28.058	3.51
770	-0.541	-0.571	34.906	28.059	3.38
780	-0.544	-0.575	34.906	28.059	3.36
790	-0.557	-0.588	34.906	28.060	3.25
800	-0.564	-0.595	34.905	28.060	3.24
810	-0.564	-0.595	34.906	28.060	3.19
820	-0.566	-0.598	34.907	28.061	3.08
830	-0.583	-0.615	34.906	28.061	3.05
840	-0.574	-0.606	34.907	28.061	3.00
850	-0.611	-0.644	34.908	28.064	2.68
860	-0.634	-0.668	34.907	28.064	2.57
870	-0.645	-0.679	34.906	28.064	2.52
880	-0.651	-0.686	34.906	28.064	2.46
890	-0.654	-0.689	34.906	28.064	2.44
900	-0.645	-0.680	34.907	28.065	2.38
910	-0.649	-0.685	34.909	28.067	2.21
920	-0.666	-0.702	34.909	28.067	2.11
930	-0.674	-0.710	34.909	28.068	2.01
940	-0.681	-0.718	34.909	28.068	1.98
950	-0.688	-0.725	34.909	28.068	1.90
960	-0.695	-0.732	34.909	28.069	1.81
970	-0.701	-0.739	34.909	28.069	1.74
980	-0.708	-0.746	34.910	28.070	1.65
990	-0.716	-0.755	34.909	28.070	1.59
1000	-0.725	-0.765	34.910	28.070	1.48

B88.326					
depth	temp	theta	salnty	sig_th	delta
1010	-0.735	-0.775	34.909	28.071	1.42
1020	-0.739	-0.779	34.909	28.071	1.39
1030	-0.740	-0.781	34.910	28.071	1.33
1040	-0.741	-0.782	34.910	28.071	1.28
1050	-0.739	-0.780	34.910	28.072	1.23
1060	-0.760	-0.802	34.911	28.073	1.05
1070	-0.752	-0.794	34.911	28.073	1.08
1080	-0.750	-0.793	34.912	28.073	0.98
1090	-0.755	-0.798	34.912	28.074	0.92
1100	-0.763	-0.807	34.912	28.075	0.81
1110	-0.771	-0.815	34.913	28.075	0.70
1120	-0.776	-0.821	34.913	28.076	0.64
1130	-0.797	-0.842	34.912	28.075	0.55
1140	-0.802	-0.847	34.911	28.075	0.54
1150	-0.806	-0.852	34.911	28.076	0.47
1160	-0.811	-0.857	34.911	28.076	0.44
1170	-0.812	-0.859	34.911	28.076	0.40
1180	-0.813	-0.861	34.912	28.076	0.33
1190	-0.820	-0.868	34.912	28.076	0.27
1200	-0.816	-0.864	34.912	28.076	0.28
1210	-0.819	-0.868	34.912	28.077	0.17
1220	-0.821	-0.871	34.913	28.077	0.11
1230	-0.825	-0.875	34.913	28.078	0.06
1240	-0.826	-0.876	34.912	28.077	0.07
1250	-0.832	-0.882	34.912	28.078	-0.01
1260	-0.843	-0.894	34.913	28.079	-0.15
1270	-0.842	-0.894	34.912	28.078	-0.14
1280	-0.845	-0.897	34.913	28.079	-0.20
1290	-0.846	-0.898	34.912	28.078	-0.20
1300	-0.852	-0.905	34.913	28.079	-0.29
1310	-0.851	-0.905	34.913	28.079	-0.30
1320	-0.858	-0.912	34.913	28.080	-0.43
1330	-0.861	-0.916	34.913	28.079	-0.44
1340	-0.865	-0.920	34.913	28.079	-0.48
1350	-0.872	-0.927	34.913	28.080	-0.58
1360	-0.876	-0.932	34.913	28.080	-0.64
1370	-0.880	-0.937	34.913	28.080	-0.69
1380	-0.882	-0.939	34.912	28.080	-0.69
1390	-0.887	-0.945	34.913	28.080	-0.77
1400	-0.894	-0.952	34.913	28.081	-0.87
1410	-0.897	-0.956	34.913	28.081	-0.91
1420	-0.898	-0.957	34.913	28.081	-0.92
1430	-0.900	-0.960	34.913	28.081	-0.97
1440	-0.906	-0.966	34.912	28.081	-1.02
1450	-0.910	-0.971	34.912	28.081	-1.08
1460	-0.914	-0.975	34.913	28.082	-1.15
1470	-0.915	-0.977	34.912	28.082	-1.16
1480	-0.922	-0.984	34.913	28.082	-1.25
1490	-0.928	-0.991	34.912	28.082	-1.32
1500	-0.931	-0.994	34.912	28.082	-1.33
1510	-0.934	-0.997	34.912	28.082	-1.37
1520	-0.935	-0.999	34.912	28.082	-1.41
1530	-0.936	-1.001	34.912	28.082	-1.43
1540	-0.940	-1.005	34.911	28.082	-1.45
1550	-0.943	-1.009	34.912	28.082	-1.54

B88.326					
depth	temp	theta	salnty	sig_th	delta
1560	-0.947	-1.013	34.912	28.082	-1.57
1570	-0.950	-1.017	34.912	28.083	-1.63
1580	-0.952	-1.019	34.912	28.083	-1.67
1590	-0.955	-1.022	34.912	28.083	-1.72
1600	-0.957	-1.025	34.911	28.083	-1.73
1610	-0.958	-1.027	34.911	28.083	-1.79
1620	-0.959	-1.029	34.911	28.083	-1.80
1630	-0.962	-1.032	34.911	28.083	-1.82
1640	-0.967	-1.038	34.911	28.083	-1.92
1650	-0.970	-1.041	34.911	28.083	-1.95
1660	-0.973	-1.045	34.911	28.083	-2.01
1670	-0.973	-1.045	34.911	28.083	-2.03
1680	-0.980	-1.053	34.911	28.083	-2.08
1690	-0.985	-1.058	34.911	28.083	-2.15
1700	-0.989	-1.063	34.911	28.084	-2.23
1710	-0.993	-1.067	34.910	28.084	-2.25
1720	-0.996	-1.071	34.912	28.085	-2.44
1730	-1.000	-1.075	34.909	28.083	-2.25
1740	-1.002	-1.077	34.910	28.083	-2.34
1750	-1.005	-1.081	34.910	28.084	-2.40
1760	-1.006	-1.083	34.909	28.083	-2.42
1770	-1.008	-1.085	34.909	28.083	-2.42
1780	-1.012	-1.090	34.909	28.084	-2.52
1790	-1.014	-1.092	34.909	28.083	-2.50
1800	-1.017	-1.096	34.909	28.083	-2.57
1810	-1.021	-1.101	34.908	28.083	-2.60
1820	-1.023	-1.104	34.908	28.083	-2.62
1830	-1.026	-1.106	34.907	28.082	-2.61
1840	-1.033	-1.114	34.907	28.083	-2.71
1850	-1.041	-1.123	34.907	28.083	-2.75
1860	-1.042	-1.124	34.906	28.082	-2.74
1870	-1.044	-1.127	34.906	28.082	-2.79
1880	-1.047	-1.130	34.906	28.082	-2.82
1890	-1.047	-1.131	34.906	28.082	-2.84
1900	-1.050	-1.134	34.905	28.082	-2.86
1910	-1.051	-1.136	34.905	28.082	-2.88
1920	-1.051	-1.137	34.905	28.082	-2.88
1930	-1.053	-1.139	34.905	28.082	-2.94
1940	-1.056	-1.143	34.905	28.082	-2.98
1950	-1.055	-1.143	34.904	28.082	-2.99
1960	-1.056	-1.144	34.904	28.082	-3.01
1970	-1.058	-1.147	34.904	28.082	-3.06
1980	-1.060	-1.149	34.904	28.081	-3.05
1990	-1.062	-1.152	34.904	28.082	-3.12
2000	-1.065	-1.155	34.904	28.081	-3.14
2010	-1.067	-1.158	34.903	28.081	-3.17
2020	-1.068	-1.160	34.903	28.081	-3.20
2030	-1.070	-1.162	34.903	28.081	-3.21
2040	-1.074	-1.167	34.903	28.081	-3.28

B88.327					
depth	temp	theta	salnty	sig_th	delta
5	2.990	2.989	32.192	25.645	233.42
10	3.009	3.008	32.202	25.651	232.87
15	3.057	3.056	32.257	25.691	229.09
20	2.644	2.643	32.551	25.960	203.55
25	0.478	0.477	33.728	27.054	99.69
30	-0.212	-0.213	34.198	27.469	60.25
35	-0.782	-0.783	34.337	27.608	47.11
40	-0.872	-0.873	34.401	27.663	41.86
45	-0.889	-0.890	34.439	27.694	38.85
50	-0.833	-0.834	34.468	27.715	36.85
55	-0.734	-0.736	34.501	27.738	34.69
60	-0.576	-0.577	34.544	27.766	32.09
65	-0.682	-0.684	34.569	27.791	29.69
70	-0.776	-0.778	34.589	27.811	27.72
75	-0.737	-0.739	34.610	27.827	26.24
80	-0.622	-0.625	34.644	27.849	24.17
85	-0.337	-0.340	34.712	27.891	20.24
90	0.104	0.101	34.729	27.882	21.19
95	0.288	0.285	34.776	27.910	18.66
100	0.255	0.251	34.769	27.906	18.99
110	0.077	0.073	34.782	27.926	17.03
120	0.114	0.109	34.789	27.930	16.69
130	0.519	0.513	34.817	27.929	16.93
140	0.666	0.660	34.847	27.945	15.54
150	0.817	0.811	34.863	27.948	15.34
160	0.793	0.786	34.878	27.961	14.06
170	0.872	0.865	34.890	27.966	13.65
180	0.858	0.850	34.895	27.971	13.23
190	0.864	0.855	34.904	27.978	12.63
200	0.871	0.862	34.909	27.982	12.29
210	0.874	0.865	34.913	27.985	12.03
220	0.870	0.860	34.915	27.986	11.90
230	0.875	0.865	34.918	27.989	11.71
240	0.872	0.861	34.922	27.992	11.42
250	0.867	0.856	34.924	27.994	11.22
260	0.825	0.813	34.924	27.997	10.95
270	0.815	0.802	34.927	28.000	10.73
280	0.779	0.766	34.929	28.004	10.34
290	0.764	0.751	34.929	28.005	10.22
300	0.729	0.715	34.929	28.007	9.99
310	0.715	0.701	34.930	28.009	9.88
320	0.700	0.686	34.930	28.009	9.81
330	0.586	0.572	34.925	28.013	9.38
340	0.624	0.609	34.927	28.012	9.51
350	0.577	0.562	34.928	28.016	9.13
360	0.519	0.503	34.925	28.017	9.01
370	0.559	0.542	34.929	28.018	8.97
380	0.525	0.508	34.928	28.019	8.81
390	0.449	0.432	34.924	28.020	8.64
400	0.416	0.399	34.923	28.022	8.50
410	0.355	0.337	34.922	28.024	8.18
420	0.312	0.294	34.919	28.025	8.14
430	0.284	0.266	34.918	28.026	8.01
440	0.267	0.248	34.918	28.026	7.96
450	0.229	0.210	34.917	28.027	7.79

B88.327					
depth	temp	theta	salnty	sig_th	delta
460	0.159	0.139	34.916	28.031	7.40
470	0.124	0.105	34.915	28.032	7.27
480	0.105	0.085	34.914	28.033	7.16
490	0.084	0.064	34.914	28.033	7.05
500	0.050	0.029	34.913	28.035	6.89
510	0.028	0.007	34.913	28.036	6.76
520	0.007	-0.014	34.912	28.036	6.67
530	-0.015	-0.037	34.912	28.038	6.53
540	-0.037	-0.059	34.913	28.039	6.36
550	-0.069	-0.092	34.913	28.041	6.13
560	-0.090	-0.113	34.911	28.041	6.10
570	-0.102	-0.125	34.911	28.041	6.02
580	-0.120	-0.144	34.912	28.043	5.88
590	-0.136	-0.160	34.911	28.043	5.80
600	-0.154	-0.178	34.911	28.044	5.73
610	-0.181	-0.206	34.911	28.045	5.53
620	-0.210	-0.235	34.911	28.046	5.36
630	-0.242	-0.267	34.910	28.048	5.18
640	-0.260	-0.285	34.909	28.048	5.11
650	-0.275	-0.301	34.909	28.049	5.00
660	-0.286	-0.312	34.909	28.049	4.97
670	-0.305	-0.332	34.908	28.049	4.88
680	-0.327	-0.354	34.907	28.050	4.80
690	-0.350	-0.377	34.907	28.050	4.70
700	-0.358	-0.385	34.906	28.050	4.68
710	-0.383	-0.411	34.905	28.051	4.58
720	-0.401	-0.429	34.906	28.052	4.40
730	-0.415	-0.444	34.905	28.052	4.38
740	-0.429	-0.459	34.905	28.053	4.25
750	-0.437	-0.466	34.905	28.053	4.20
760	-0.455	-0.485	34.904	28.054	4.10
770	-0.468	-0.498	34.904	28.054	4.00
780	-0.481	-0.512	34.904	28.054	3.93
790	-0.478	-0.510	34.904	28.055	3.92
800	-0.499	-0.530	34.904	28.056	3.75
810	-0.505	-0.537	34.904	28.056	3.74
820	-0.513	-0.546	34.905	28.057	3.61
830	-0.526	-0.559	34.904	28.057	3.53
840	-0.518	-0.551	34.904	28.057	3.56
850	-0.529	-0.562	34.905	28.058	3.40
860	-0.534	-0.568	34.906	28.059	3.28
870	-0.536	-0.570	34.907	28.060	3.17
880	-0.565	-0.600	34.907	28.061	2.97
890	-0.558	-0.593	34.908	28.062	2.92
900	-0.579	-0.615	34.908	28.063	2.76
910	-0.570	-0.606	34.910	28.064	2.69
920	-0.567	-0.604	34.911	28.064	2.63
930	-0.583	-0.620	34.911	28.065	2.47
940	-0.589	-0.626	34.911	28.066	2.42
950	-0.595	-0.633	34.911	28.066	2.38
960	-0.602	-0.640	34.911	28.066	2.28
970	-0.610	-0.648	34.912	28.067	2.18
980	-0.617	-0.656	34.912	28.067	2.13
990	-0.622	-0.661	34.912	28.068	2.05
1000	-0.628	-0.669	34.912	28.068	1.99

B88.327					
depth	temp	theta	salnty	sig_th	delta
1010	-0.635	-0.675	34.912	28.068	1.91
1020	-0.644	-0.685	34.913	28.069	1.79
1030	-0.651	-0.692	34.913	28.070	1.70
1040	-0.656	-0.698	34.913	28.070	1.66
1050	-0.659	-0.702	34.912	28.070	1.65
1060	-0.665	-0.708	34.913	28.071	1.51
1070	-0.671	-0.715	34.913	28.071	1.44
1080	-0.680	-0.724	34.914	28.072	1.33
1090	-0.689	-0.733	34.914	28.072	1.26
1100	-0.696	-0.741	34.913	28.072	1.24
1110	-0.703	-0.748	34.914	28.073	1.13
1120	-0.707	-0.752	34.913	28.073	1.09
1130	-0.717	-0.762	34.914	28.074	0.97
1140	-0.720	-0.767	34.914	28.074	0.93
1150	-0.726	-0.772	34.914	28.074	0.87
1160	-0.732	-0.779	34.913	28.074	0.85
1170	-0.741	-0.788	34.914	28.075	0.67
1180	-0.750	-0.798	34.914	28.076	0.60
1190	-0.754	-0.803	34.914	28.076	0.55
1200	-0.762	-0.811	34.914	28.076	0.49
1210	-0.767	-0.816	34.914	28.076	0.42
1220	-0.772	-0.822	34.914	28.076	0.37
1230	-0.781	-0.832	34.914	28.077	0.27
1240	-0.786	-0.837	34.914	28.077	0.22
1250	-0.790	-0.842	34.915	28.078	0.12
1260	-0.793	-0.845	34.915	28.078	0.08
1270	-0.800	-0.852	34.915	28.078	0.02
1280	-0.809	-0.862	34.914	28.078	-0.05
1290	-0.813	-0.866	34.915	28.079	-0.12
1300	-0.821	-0.875	34.915	28.079	-0.21
1310	-0.825	-0.879	34.914	28.079	-0.24
1320	-0.829	-0.884	34.915	28.080	-0.33
1330	-0.831	-0.886	34.914	28.079	-0.33
1340	-0.835	-0.890	34.915	28.080	-0.40
1350	-0.838	-0.894	34.914	28.080	-0.44
1360	-0.841	-0.898	34.914	28.080	-0.46
1370	-0.845	-0.902	34.914	28.080	-0.49
1380	-0.849	-0.906	34.914	28.080	-0.56
1390	-0.852	-0.910	34.914	28.080	-0.61
1400	-0.855	-0.914	34.914	28.080	-0.65
1410	-0.858	-0.917	34.914	28.080	-0.69
1420	-0.861	-0.920	34.914	28.081	-0.75
1430	-0.863	-0.923	34.914	28.080	-0.75
1440	-0.866	-0.927	34.914	28.081	-0.81
1450	-0.869	-0.930	34.914	28.081	-0.84
1460	-0.871	-0.933	34.913	28.081	-0.87
1470	-0.875	-0.937	34.913	28.081	-0.90
1480	-0.879	-0.942	34.913	28.081	-0.98
1490	-0.883	-0.946	34.913	28.081	-1.02
1500	-0.887	-0.951	34.913	28.081	-1.09
1510	-0.891	-0.955	34.913	28.081	-1.08
1520	-0.893	-0.957	34.913	28.081	-1.14
1530	-0.899	-0.965	34.913	28.081	-1.22
1540	-0.901	-0.966	34.913	28.081	-1.23
1550	-0.903	-0.969	34.912	28.081	-1.25

B88.327					
depth	temp	theta	salnty	sig_th	delta
1560	-0.908	-0.974	34.913	28.082	-1.37
1570	-0.914	-0.982	34.912	28.082	-1.41
1580	-0.915	-0.983	34.913	28.082	-1.45
1590	-0.917	-0.986	34.912	28.082	-1.48
1600	-0.921	-0.990	34.912	28.082	-1.54
1610	-0.926	-0.995	34.912	28.082	-1.57
1620	-0.928	-0.997	34.912	28.082	-1.61
1630	-0.931	-1.002	34.912	28.082	-1.67
1640	-0.933	-1.004	34.912	28.082	-1.68
1650	-0.936	-1.008	34.912	28.082	-1.73
1660	-0.939	-1.010	34.912	28.082	-1.78
1670	-0.942	-1.015	34.912	28.083	-1.83
1680	-0.948	-1.021	34.912	28.083	-1.89
1690	-0.951	-1.024	34.911	28.082	-1.89
1700	-0.954	-1.028	34.911	28.083	-1.98
1710	-0.958	-1.033	34.911	28.082	-1.98
1720	-0.963	-1.038	34.911	28.083	-2.05
1730	-0.966	-1.041	34.911	28.083	-2.09
1740	-0.968	-1.044	34.911	28.083	-2.14
1750	-0.976	-1.053	34.910	28.083	-2.17
1760	-0.981	-1.058	34.909	28.082	-2.21
1770	-0.981	-1.059	34.910	28.083	-2.26
1780	-0.981	-1.060	34.909	28.082	-2.26
1790	-0.985	-1.064	34.910	28.083	-2.33
1800	-0.987	-1.066	34.910	28.083	-2.38
1810	-0.992	-1.072	34.909	28.083	-2.43
1820	-0.998	-1.078	34.909	28.083	-2.47
1830	-1.002	-1.083	34.909	28.083	-2.50
1840	-1.005	-1.086	34.908	28.083	-2.55
1850	-1.010	-1.092	34.908	28.083	-2.58
1860	-1.011	-1.093	34.908	28.082	-2.58
1870	-1.014	-1.098	34.907	28.082	-2.64
1880	-1.018	-1.102	34.907	28.082	-2.68
1890	-1.022	-1.107	34.907	28.082	-2.74
1900	-1.024	-1.110	34.907	28.082	-2.74
1910	-1.028	-1.113	34.906	28.082	-2.75
1920	-1.031	-1.117	34.906	28.082	-2.81
1930	-1.034	-1.120	34.905	28.081	-2.76
1940	-1.037	-1.124	34.906	28.082	-2.88
1950	-1.040	-1.127	34.905	28.082	-2.90
1960	-1.043	-1.131	34.905	28.082	-2.94
1970	-1.046	-1.135	34.904	28.081	-2.93
1980	-1.048	-1.137	34.905	28.081	-3.01
1990	-1.049	-1.139	34.904	28.081	-3.03
2000	-1.051	-1.142	34.904	28.081	-3.06
2010	-1.055	-1.146	34.904	28.081	-3.11
2020	-1.058	-1.150	34.903	28.081	-3.12
2030	-1.063	-1.156	34.903	28.081	-3.18
2040	-1.065	-1.158	34.902	28.081	-3.17
2050	-1.070	-1.164	34.902	28.081	-3.24
2060	-1.073	-1.167	34.901	28.080	-3.22
2070	-1.076	-1.171	34.901	28.080	-3.28
2080	-1.080	-1.175	34.901	28.080	-3.33
2090	-1.088	-1.184	34.900	28.080	-3.38
2100	-1.093	-1.190	34.900	28.080	-3.41

B88.327					
depth	temp	theta	salnty	sig_th	delta
2110	-1.096	-1.193	34.900	28.080	-3.44
2120	-1.101	-1.199	34.898	28.079	-3.43
2130	-1.104	-1.202	34.899	28.079	-3.51
2140	-1.104	-1.203	34.898	28.079	-3.51

B88.328					
depth	temp	theta	salnty	sig_th	delta
5	3.299	3.299	32.630	25.967	202.82
10	3.302	3.301	32.619	25.958	203.68
15	3.347	3.346	32.737	26.048	195.16
20	0.502	0.502	33.801	27.111	94.21
25	-0.966	-0.967	34.094	27.418	65.11
30	-1.527	-1.528	34.188	27.514	55.95
35	-1.343	-1.343	34.231	27.542	53.26
40	-1.211	-1.212	34.300	27.594	48.31
45	-1.231	-1.232	34.363	27.646	43.39
50	-1.231	-1.232	34.414	27.687	39.45
55	-0.835	-0.837	34.470	27.718	36.62
60	-0.882	-0.883	34.501	27.744	34.07
65	-0.763	-0.765	34.550	27.779	30.76
70	-0.639	-0.641	34.567	27.787	30.02
75	-0.438	-0.440	34.595	27.801	28.74
80	-0.261	-0.264	34.620	27.813	27.71
85	-0.360	-0.363	34.641	27.835	25.58
90	-0.091	-0.094	34.669	27.844	24.81
95	-0.195	-0.198	34.694	27.869	22.35
100	-0.062	-0.065	34.689	27.858	23.42
110	-0.094	-0.098	34.733	27.896	19.84
120	0.003	-0.001	34.755	27.909	18.70
130	0.296	0.290	34.820	27.945	15.35
140	0.586	0.580	34.819	27.927	17.19
150	0.416	0.410	34.830	27.946	15.36
160	0.485	0.478	34.835	27.946	15.40
170	0.661	0.654	34.857	27.953	14.85
180	0.603	0.596	34.864	27.962	13.95
190	0.547	0.539	34.867	27.968	13.38
200	0.620	0.611	34.873	27.969	13.35
210	0.756	0.747	34.886	27.971	13.29
220	0.750	0.740	34.894	27.977	12.68
230	0.788	0.778	34.902	27.981	12.32
240	0.775	0.765	34.905	27.985	12.03
250	0.773	0.762	34.907	27.987	11.87
260	0.828	0.817	34.914	27.988	11.76
270	0.741	0.729	34.912	27.993	11.30
280	0.736	0.724	34.914	27.995	11.16
290	0.724	0.711	34.916	27.997	10.96
300	0.703	0.690	34.916	27.999	10.80
310	0.684	0.670	34.918	28.001	10.59
320	0.665	0.651	34.918	28.003	10.42
330	0.663	0.648	34.921	28.005	10.25
340	0.653	0.638	34.922	28.006	10.12
350	0.631	0.616	34.921	28.007	10.04
360	0.622	0.606	34.925	28.011	9.66
370	0.570	0.553	34.926	28.015	9.30
380	0.544	0.527	34.923	28.014	9.38
390	0.524	0.506	34.922	28.014	9.29
400	0.461	0.444	34.921	28.018	8.93
410	0.402	0.384	34.918	28.018	8.80
420	0.368	0.350	34.917	28.020	8.66
430	0.326	0.307	34.915	28.020	8.56
440	0.297	0.278	34.914	28.021	8.43
450	0.261	0.241	34.913	28.022	8.30

B88.328					
depth	temp	theta	salnty	sig_th	delta
460	0.254	0.234	34.914	28.024	8.16
470	0.218	0.198	34.913	28.025	8.03
480	0.196	0.175	34.912	28.026	7.91
490	0.179	0.159	34.912	28.026	7.84
500	0.157	0.136	34.913	28.029	7.57
510	0.138	0.117	34.912	28.029	7.53
520	0.105	0.084	34.913	28.032	7.27
530	0.092	0.069	34.911	28.031	7.29
540	0.077	0.054	34.912	28.032	7.16
550	0.060	0.037	34.913	28.034	6.98
560	0.030	0.007	34.911	28.034	6.89
570	0.011	-0.013	34.912	28.036	6.75
580	-0.018	-0.042	34.910	28.036	6.71
590	-0.043	-0.067	34.910	28.037	6.51
600	-0.040	-0.065	34.912	28.039	6.38
610	-0.066	-0.091	34.912	28.040	6.20
620	-0.077	-0.102	34.911	28.040	6.19
630	-0.111	-0.137	34.911	28.042	5.95
640	-0.112	-0.139	34.911	28.042	5.99
650	-0.125	-0.152	34.911	28.042	5.88
660	-0.148	-0.175	34.911	28.044	5.71
670	-0.170	-0.197	34.910	28.044	5.62
680	-0.195	-0.222	34.910	28.045	5.48
690	-0.208	-0.237	34.909	28.045	5.43
700	-0.226	-0.255	34.909	28.046	5.35
710	-0.243	-0.272	34.909	28.047	5.21
720	-0.264	-0.293	34.909	28.048	5.05
730	-0.300	-0.329	34.906	28.047	5.03
740	-0.296	-0.326	34.906	28.047	5.06
750	-0.301	-0.331	34.907	28.048	4.94
760	-0.315	-0.346	34.906	28.049	4.87
770	-0.349	-0.381	34.906	28.049	4.70
780	-0.368	-0.400	34.906	28.051	4.55
790	-0.385	-0.417	34.905	28.051	4.46
800	-0.404	-0.436	34.904	28.051	4.41
810	-0.398	-0.431	34.904	28.051	4.40
820	-0.416	-0.449	34.905	28.052	4.23
830	-0.430	-0.464	34.905	28.053	4.10
840	-0.425	-0.459	34.906	28.054	4.07
850	-0.422	-0.456	34.907	28.055	3.98
860	-0.429	-0.464	34.907	28.055	3.92
870	-0.441	-0.476	34.907	28.056	3.82
880	-0.453	-0.488	34.908	28.057	3.69
890	-0.456	-0.492	34.908	28.057	3.64
900	-0.469	-0.505	34.908	28.058	3.53
910	-0.471	-0.508	34.909	28.058	3.45
920	-0.486	-0.524	34.908	28.059	3.37
930	-0.499	-0.537	34.908	28.059	3.28
940	-0.516	-0.555	34.908	28.059	3.18
950	-0.521	-0.560	34.907	28.060	3.15
960	-0.531	-0.570	34.908	28.061	3.01
970	-0.520	-0.560	34.909	28.061	3.03
980	-0.524	-0.564	34.910	28.062	2.90
990	-0.532	-0.572	34.910	28.062	2.79
1000	-0.534	-0.574	34.911	28.063	2.75

B88.328					
depth	temp	theta	salnty	sig_th	delta
1010	-0.543	-0.584	34.911	28.064	2.62
1020	-0.550	-0.592	34.911	28.064	2.54
1030	-0.558	-0.600	34.912	28.065	2.43
1040	-0.566	-0.609	34.912	28.066	2.33
1050	-0.577	-0.620	34.912	28.066	2.23
1060	-0.588	-0.631	34.912	28.067	2.14
1070	-0.608	-0.652	34.911	28.067	2.06
1080	-0.611	-0.655	34.911	28.067	2.01
1090	-0.614	-0.658	34.911	28.067	1.97
1100	-0.624	-0.669	34.912	28.068	1.87
1110	-0.630	-0.676	34.912	28.069	1.76
1120	-0.637	-0.683	34.912	28.069	1.68
1130	-0.643	-0.690	34.912	28.069	1.61
1140	-0.647	-0.694	34.912	28.069	1.58
1150	-0.652	-0.700	34.912	28.070	1.50
1160	-0.659	-0.707	34.913	28.071	1.40
1170	-0.660	-0.709	34.913	28.071	1.36
1180	-0.667	-0.716	34.913	28.071	1.28
1190	-0.672	-0.722	34.914	28.072	1.19
1200	-0.679	-0.729	34.914	28.072	1.12
1210	-0.683	-0.733	34.914	28.072	1.07
1220	-0.690	-0.741	34.914	28.073	0.99
1230	-0.695	-0.747	34.914	28.073	0.92
1240	-0.709	-0.760	34.914	28.074	0.78
1250	-0.716	-0.768	34.914	28.074	0.73
1260	-0.718	-0.770	34.914	28.074	0.70
1270	-0.721	-0.774	34.915	28.075	0.61
1280	-0.724	-0.777	34.915	28.075	0.57
1290	-0.732	-0.786	34.914	28.075	0.50
1300	-0.737	-0.791	34.914	28.076	0.44
1310	-0.740	-0.795	34.915	28.076	0.37
1320	-0.743	-0.798	34.914	28.076	0.36
1330	-0.748	-0.803	34.915	28.076	0.28
1340	-0.751	-0.807	34.915	28.076	0.24
1350	-0.760	-0.816	34.914	28.077	0.16
1360	-0.762	-0.819	34.915	28.077	0.09
1370	-0.768	-0.826	34.915	28.077	0.05
1380	-0.773	-0.831	34.915	28.077	-0.02
1390	-0.774	-0.833	34.914	28.077	-0.02
1400	-0.778	-0.837	34.915	28.078	-0.09
1410	-0.784	-0.844	34.915	28.078	-0.19
1420	-0.788	-0.849	34.915	28.078	-0.22
1430	-0.791	-0.852	34.915	28.078	-0.27
1440	-0.797	-0.858	34.915	28.079	-0.35
1450	-0.800	-0.862	34.915	28.079	-0.38
1460	-0.802	-0.864	34.914	28.078	-0.38
1470	-0.806	-0.869	34.914	28.079	-0.45
1480	-0.813	-0.877	34.915	28.079	-0.56
1490	-0.818	-0.882	34.914	28.079	-0.54
1500	-0.822	-0.886	34.914	28.079	-0.61
1510	-0.824	-0.889	34.914	28.079	-0.65
1520	-0.830	-0.895	34.914	28.080	-0.74
1530	-0.837	-0.903	34.914	28.080	-0.78
1540	-0.841	-0.907	34.914	28.080	-0.82
1550	-0.847	-0.913	34.914	28.080	-0.94

B88.328					
depth	temp	theta	salnty	sig_th	delta
1560	-0.849	-0.916	34.914	28.080	-0.94
1570	-0.853	-0.921	34.914	28.081	-1.02
1580	-0.858	-0.926	34.914	28.081	-1.06
1590	-0.861	-0.930	34.914	28.081	-1.11
1600	-0.868	-0.937	34.913	28.080	-1.13
1610	-0.870	-0.940	34.913	28.080	-1.17
1620	-0.874	-0.944	34.913	28.081	-1.24
1630	-0.876	-0.947	34.913	28.081	-1.24
1640	-0.879	-0.950	34.913	28.081	-1.32
1650	-0.882	-0.954	34.912	28.081	-1.32
1660	-0.887	-0.960	34.913	28.081	-1.42
1670	-0.890	-0.963	34.913	28.081	-1.45
1680	-0.891	-0.965	34.913	28.081	-1.48
1690	-0.895	-0.969	34.913	28.081	-1.53
1700	-0.895	-0.970	34.912	28.081	-1.53
1710	-0.898	-0.973	34.912	28.081	-1.59
1720	-0.901	-0.977	34.912	28.081	-1.63
1730	-0.903	-0.979	34.912	28.081	-1.67
1740	-0.906	-0.984	34.912	28.081	-1.69
1750	-0.909	-0.987	34.911	28.081	-1.69
1760	-0.912	-0.990	34.911	28.081	-1.75
1770	-0.916	-0.994	34.911	28.081	-1.75
1780	-0.919	-0.999	34.911	28.082	-1.86
1790	-0.921	-1.001	34.911	28.082	-1.90
1800	-0.923	-1.003	34.910	28.081	-1.88
1810	-0.925	-1.006	34.911	28.082	-1.98
1820	-0.928	-1.010	34.911	28.082	-2.02
1830	-0.930	-1.013	34.911	28.082	-2.06
1840	-0.932	-1.014	34.911	28.082	-2.06
1850	-0.933	-1.016	34.911	28.082	-2.12
1860	-0.936	-1.020	34.911	28.082	-2.20
1870	-0.936	-1.020	34.911	28.082	-2.17
1880	-0.936	-1.022	34.910	28.081	-2.16
1890	-0.941	-1.027	34.911	28.082	-2.27
1900	-0.944	-1.030	34.910	28.082	-2.31
1910	-0.946	-1.033	34.910	28.082	-2.35
1920	-0.949	-1.037	34.910	28.082	-2.38
1930	-0.954	-1.042	34.910	28.082	-2.41
1940	-0.956	-1.044	34.910	28.082	-2.48
1950	-0.958	-1.048	34.910	28.082	-2.50
1960	-0.961	-1.051	34.910	28.082	-2.55
1970	-0.962	-1.052	34.909	28.082	-2.57
1980	-0.961	-1.051	34.910	28.082	-2.60
1990	-0.968	-1.060	34.909	28.082	-2.64
2000	-0.970	-1.062	34.909	28.082	-2.69
2010	-0.969	-1.061	34.909	28.082	-2.70
2020	-0.969	-1.062	34.909	28.082	-2.74
2030	-0.971	-1.064	34.909	28.082	-2.77
2040	-0.972	-1.067	34.909	28.083	-2.82
2050	-0.978	-1.073	34.909	28.082	-2.86
2060	-0.978	-1.073	34.908	28.082	-2.86
2070	-0.979	-1.075	34.909	28.082	-2.92
2080	-0.983	-1.080	34.908	28.082	-2.94
2090	-0.988	-1.085	34.908	28.082	-2.98
2100	-0.989	-1.087	34.908	28.082	-3.02

B88.328					
depth	temp	theta	salnty	sig_th	delta
2110	-0.991	-1.090	34.908	28.082	-3.06
2120	-0.994	-1.093	34.907	28.082	-3.06
2130	-0.995	-1.095	34.907	28.082	-3.11
2140	-1.000	-1.100	34.907	28.082	-3.17
2150	-1.000	-1.101	34.907	28.082	-3.16
2160	-1.002	-1.104	34.906	28.082	-3.17
2170	-1.007	-1.109	34.907	28.082	-3.28
2180	-1.009	-1.112	34.906	28.082	-3.32
2190	-1.014	-1.118	34.906	28.082	-3.34
2200	-1.018	-1.122	34.905	28.082	-3.38
2210	-1.022	-1.127	34.905	28.081	-3.41
2220	-1.026	-1.132	34.905	28.081	-3.46
2230	-1.029	-1.135	34.904	28.081	-3.47
2240	-1.030	-1.137	34.904	28.081	-3.52
2250	-1.037	-1.144	34.904	28.081	-3.56
2260	-1.040	-1.148	34.903	28.081	-3.59
2270	-1.043	-1.151	34.903	28.081	-3.62
2280	-1.052	-1.161	34.902	28.080	-3.63
2290	-1.056	-1.165	34.902	28.080	-3.72
2300	-1.056	-1.166	34.901	28.080	-3.71
2310	-1.057	-1.168	34.901	28.080	-3.75
2320	-1.060	-1.171	34.901	28.080	-3.78
2330	-1.066	-1.178	34.901	28.080	-3.84

B88.329					
depth	temp	theta	salnty	sig_th	delta
5	3.437	3.437	32.746	26.047	195.22
10	3.432	3.431	32.746	26.047	195.23
15	3.441	3.440	32.750	26.050	195.04
20	3.054	3.053	33.366	26.576	145.08
25	0.243	0.242	33.793	27.119	93.46
30	-0.434	-0.435	33.863	27.209	84.85
35	-0.828	-0.829	34.032	27.362	70.31
40	-1.006	-1.007	34.129	27.448	62.15
45	-1.131	-1.133	34.223	27.528	54.52
50	-1.117	-1.118	34.271	27.567	50.83
55	-1.195	-1.197	34.362	27.643	43.60
60	-1.121	-1.122	34.411	27.681	40.03
65	-1.085	-1.086	34.431	27.695	38.66
70	-1.021	-1.023	34.460	27.716	36.66
75	-0.959	-0.961	34.481	27.731	35.23
80	-0.875	-0.877	34.533	27.770	31.60
85	-0.747	-0.750	34.564	27.790	29.75
90	-0.636	-0.639	34.588	27.805	28.34
95	-0.495	-0.498	34.616	27.821	26.84
100	-0.234	-0.237	34.669	27.851	24.08
110	0.063	0.059	34.713	27.872	22.21
120	0.373	0.368	34.770	27.900	19.65
130	0.817	0.812	34.817	27.911	18.78
140	0.820	0.814	34.834	27.924	17.52
150	0.864	0.857	34.857	27.940	16.09
160	0.880	0.873	34.865	27.945	15.63
170	0.896	0.888	34.879	27.956	14.63
180	0.887	0.878	34.885	27.961	14.18
190	0.898	0.890	34.891	27.965	13.82
200	0.922	0.913	34.903	27.973	13.09
210	0.917	0.908	34.907	27.977	12.76
220	0.918	0.908	34.912	27.981	12.42
230	0.858	0.848	34.911	27.984	12.11
240	0.844	0.833	34.914	27.987	11.82
250	0.844	0.833	34.917	27.990	11.58
260	0.853	0.841	34.921	27.993	11.36
270	0.846	0.834	34.924	27.996	11.11
280	0.829	0.816	34.925	27.997	11.00
290	0.810	0.797	34.927	28.001	10.67
300	0.798	0.784	34.928	28.002	10.54
310	0.785	0.771	34.929	28.004	10.42
320	0.718	0.704	34.926	28.005	10.24
330	0.656	0.641	34.924	28.007	9.98
340	0.616	0.601	34.922	28.008	9.87
350	0.550	0.535	34.920	28.011	9.55
360	0.518	0.503	34.919	28.013	9.42
370	0.477	0.461	34.918	28.014	9.23
380	0.454	0.438	34.917	28.015	9.19
390	0.425	0.409	34.917	28.016	9.05
400	0.396	0.379	34.916	28.017	8.90
410	0.381	0.363	34.917	28.019	8.73
420	0.337	0.319	34.914	28.019	8.69
430	0.292	0.274	34.914	28.022	8.39
440	0.276	0.257	34.914	28.023	8.27
450	0.238	0.219	34.912	28.023	8.19

B88.329					
depth	temp	theta	salnty	sig_th	delta
460	0.218	0.199	34.911	28.023	8.16
470	0.210	0.190	34.911	28.024	8.11
480	0.187	0.167	34.911	28.026	7.91
490	0.180	0.159	34.910	28.025	8.01
500	0.149	0.128	34.910	28.027	7.75
510	0.137	0.116	34.911	28.028	7.63
520	0.108	0.086	34.911	28.030	7.44
530	0.108	0.086	34.911	28.030	7.45
540	0.084	0.062	34.913	28.032	7.16
550	0.068	0.045	34.912	28.033	7.10
560	0.047	0.023	34.912	28.034	6.96
570	0.020	-0.004	34.912	28.035	6.78
580	-0.007	-0.031	34.911	28.036	6.69
590	-0.036	-0.061	34.911	28.037	6.50
600	-0.052	-0.077	34.911	28.038	6.41
610	-0.068	-0.093	34.910	28.039	6.33
620	-0.087	-0.112	34.910	28.040	6.19
630	-0.102	-0.128	34.910	28.040	6.11
640	-0.122	-0.148	34.910	28.041	6.00
650	-0.128	-0.155	34.910	28.042	5.92
660	-0.164	-0.191	34.908	28.042	5.81
670	-0.175	-0.203	34.908	28.043	5.74
680	-0.193	-0.221	34.909	28.044	5.55
690	-0.221	-0.249	34.907	28.044	5.50
700	-0.231	-0.259	34.907	28.045	5.41
710	-0.257	-0.285	34.907	28.046	5.24
720	-0.265	-0.294	34.907	28.046	5.23
730	-0.274	-0.303	34.907	28.047	5.17
740	-0.282	-0.312	34.906	28.047	5.12
750	-0.298	-0.329	34.906	28.047	5.03
760	-0.301	-0.332	34.907	28.048	4.94
770	-0.321	-0.352	34.907	28.049	4.77
780	-0.332	-0.364	34.907	28.050	4.70
790	-0.345	-0.377	34.906	28.050	4.64
800	-0.359	-0.391	34.906	28.051	4.53
810	-0.369	-0.402	34.906	28.051	4.45
820	-0.379	-0.412	34.907	28.053	4.30
830	-0.396	-0.430	34.907	28.053	4.21
840	-0.417	-0.451	34.906	28.054	4.09
850	-0.417	-0.452	34.907	28.054	4.05
860	-0.436	-0.471	34.907	28.055	3.92
870	-0.454	-0.489	34.906	28.055	3.81
880	-0.469	-0.504	34.907	28.057	3.65
890	-0.469	-0.505	34.907	28.057	3.60
900	-0.485	-0.521	34.907	28.058	3.48
910	-0.502	-0.538	34.906	28.058	3.42
920	-0.511	-0.548	34.906	28.058	3.33
930	-0.515	-0.553	34.907	28.059	3.25
940	-0.530	-0.568	34.907	28.060	3.12
950	-0.535	-0.573	34.907	28.060	3.10
960	-0.541	-0.580	34.908	28.061	2.98
970	-0.548	-0.588	34.908	28.061	2.89
980	-0.553	-0.593	34.908	28.062	2.83
990	-0.558	-0.598	34.908	28.062	2.76
1000	-0.571	-0.611	34.908	28.063	2.66

B88.329					
depth	temp	theta	salnty	sig_th	delta
1010	-0.575	-0.616	34.909	28.063	2.59
1020	-0.583	-0.624	34.909	28.064	2.51
1030	-0.610	-0.651	34.908	28.064	2.34
1040	-0.617	-0.659	34.908	28.064	2.31
1050	-0.622	-0.664	34.908	28.064	2.26
1060	-0.624	-0.667	34.908	28.065	2.23
1070	-0.623	-0.667	34.908	28.065	2.16
1080	-0.624	-0.668	34.909	28.066	2.10
1090	-0.623	-0.668	34.910	28.066	2.02
1100	-0.628	-0.673	34.910	28.067	1.95
1110	-0.636	-0.681	34.910	28.067	1.86
1120	-0.642	-0.688	34.911	28.068	1.76
1130	-0.646	-0.692	34.911	28.069	1.68
1140	-0.649	-0.695	34.911	28.069	1.65
1150	-0.650	-0.698	34.911	28.069	1.60
1160	-0.657	-0.705	34.912	28.070	1.49
1170	-0.661	-0.710	34.912	28.070	1.44
1180	-0.667	-0.716	34.912	28.071	1.35
1190	-0.673	-0.722	34.912	28.070	1.33
1200	-0.677	-0.727	34.913	28.071	1.22
1210	-0.687	-0.737	34.913	28.072	1.11
1220	-0.693	-0.744	34.913	28.072	1.05
1230	-0.704	-0.755	34.913	28.073	0.90
1240	-0.711	-0.762	34.913	28.073	0.85
1250	-0.713	-0.765	34.913	28.073	0.83
1260	-0.719	-0.771	34.914	28.074	0.72
1270	-0.727	-0.780	34.914	28.075	0.62
1280	-0.732	-0.785	34.914	28.075	0.57
1290	-0.739	-0.792	34.914	28.075	0.49
1300	-0.743	-0.797	34.914	28.075	0.42
1310	-0.746	-0.801	34.914	28.075	0.41
1320	-0.753	-0.809	34.914	28.076	0.34
1330	-0.760	-0.815	34.913	28.075	0.30
1340	-0.763	-0.820	34.913	28.076	0.25
1350	-0.770	-0.826	34.914	28.077	0.10
1360	-0.776	-0.833	34.914	28.077	0.04
1370	-0.783	-0.840	34.914	28.077	-0.04
1380	-0.783	-0.842	34.914	28.077	-0.04
1390	-0.788	-0.847	34.914	28.078	-0.12
1400	-0.790	-0.849	34.914	28.078	-0.14
1410	-0.791	-0.851	34.914	28.078	-0.18
1420	-0.795	-0.855	34.914	28.078	-0.21
1430	-0.799	-0.859	34.914	28.078	-0.24
1440	-0.804	-0.865	34.914	28.078	-0.33
1450	-0.809	-0.870	34.914	28.079	-0.41
1460	-0.812	-0.875	34.914	28.079	-0.45
1470	-0.817	-0.879	34.914	28.079	-0.50
1480	-0.820	-0.883	34.914	28.079	-0.52
1490	-0.824	-0.888	34.914	28.079	-0.59
1500	-0.827	-0.891	34.914	28.079	-0.63
1510	-0.832	-0.897	34.914	28.079	-0.68
1520	-0.837	-0.902	34.914	28.080	-0.75
1530	-0.841	-0.907	34.914	28.080	-0.81
1540	-0.844	-0.910	34.915	28.081	-0.92
1550	-0.848	-0.915	34.914	28.080	-0.90

B88.329					
depth	temp	theta	salnty	sig_th	delta
1560	-0.855	-0.922	34.914	28.080	-0.98
1570	-0.857	-0.925	34.913	28.080	-1.01
1580	-0.866	-0.934	34.913	28.080	-1.08
1590	-0.872	-0.940	34.913	28.081	-1.14
1600	-0.876	-0.945	34.913	28.081	-1.19
1610	-0.882	-0.952	34.912	28.081	-1.23
1620	-0.885	-0.955	34.912	28.081	-1.27
1630	-0.887	-0.958	34.912	28.080	-1.29
1640	-0.892	-0.964	34.912	28.081	-1.35
1650	-0.897	-0.969	34.912	28.081	-1.39
1660	-0.899	-0.971	34.912	28.081	-1.43
1670	-0.900	-0.973	34.911	28.080	-1.41
1680	-0.903	-0.977	34.911	28.081	-1.49
1690	-0.907	-0.981	34.911	28.081	-1.54
1700	-0.911	-0.986	34.911	28.081	-1.57
1710	-0.913	-0.989	34.911	28.081	-1.64
1720	-0.916	-0.992	34.911	28.081	-1.67
1730	-0.920	-0.996	34.911	28.081	-1.72
1740	-0.923	-0.999	34.911	28.081	-1.77
1750	-0.924	-1.002	34.910	28.081	-1.77
1760	-0.926	-1.004	34.910	28.081	-1.81
1770	-0.930	-1.009	34.910	28.081	-1.81
1780	-0.933	-1.013	34.911	28.082	-1.94
1790	-0.935	-1.015	34.910	28.082	-1.96
1800	-0.936	-1.017	34.910	28.081	-1.97
1810	-0.938	-1.019	34.910	28.081	-1.99
1820	-0.941	-1.022	34.910	28.081	-2.05
1830	-0.943	-1.025	34.910	28.082	-2.11
1840	-0.945	-1.028	34.910	28.081	-2.12
1850	-0.944	-1.027	34.909	28.081	-2.09
1860	-0.946	-1.029	34.910	28.082	-2.17
1870	-0.948	-1.032	34.910	28.082	-2.23
1880	-0.951	-1.036	34.910	28.082	-2.27
1890	-0.957	-1.042	34.909	28.081	-2.30
1900	-0.957	-1.043	34.909	28.081	-2.32
1910	-0.959	-1.046	34.908	28.081	-2.31
1920	-0.963	-1.050	34.909	28.081	-2.39
1930	-0.966	-1.054	34.909	28.082	-2.46
1940	-0.967	-1.055	34.909	28.082	-2.48
1950	-0.968	-1.057	34.908	28.081	-2.48
1960	-0.970	-1.059	34.908	28.081	-2.51
1970	-0.972	-1.062	34.908	28.082	-2.57
1980	-0.975	-1.065	34.908	28.082	-2.61
1990	-0.980	-1.071	34.908	28.082	-2.66
2000	-0.979	-1.071	34.908	28.082	-2.67
2010	-0.983	-1.075	34.907	28.081	-2.71
2020	-0.984	-1.077	34.908	28.082	-2.79
2030	-0.986	-1.080	34.908	28.082	-2.81
2040	-0.992	-1.086	34.906	28.081	-2.79
2050	-0.993	-1.088	34.906	28.081	-2.82
2060	-0.995	-1.091	34.906	28.081	-2.88
2070	-0.997	-1.093	34.906	28.081	-2.90
2080	-0.999	-1.096	34.906	28.081	-2.96
2090	-0.999	-1.097	34.906	28.081	-2.99
2100	-1.000	-1.098	34.906	28.082	-3.02

B88.329					
depth	temp	theta	salnty	sig_th	delta
2110	-0.999	-1.098	34.906	28.081	-3.03
2120	-1.005	-1.105	34.906	28.081	-3.09
2130	-1.004	-1.104	34.905	28.081	-3.06
2140	-1.007	-1.108	34.906	28.081	-3.13
2150	-1.010	-1.112	34.905	28.081	-3.17
2160	-1.009	-1.111	34.905	28.081	-3.18
2170	-1.011	-1.113	34.905	28.081	-3.22
2180	-1.013	-1.116	34.905	28.081	-3.24
2190	-1.015	-1.118	34.905	28.081	-3.28
2200	-1.016	-1.120	34.905	28.081	-3.31
2210	-1.017	-1.122	34.904	28.081	-3.30
2220	-1.017	-1.123	34.904	28.081	-3.33
2230	-1.021	-1.127	34.904	28.081	-3.39
2240	-1.022	-1.129	34.904	28.081	-3.39
2250	-1.024	-1.131	34.904	28.081	-3.45
2260	-1.025	-1.133	34.904	28.081	-3.47
2270	-1.025	-1.133	34.903	28.080	-3.47
2280	-1.026	-1.136	34.904	28.081	-3.52
2290	-1.027	-1.137	34.903	28.080	-3.54
2300	-1.026	-1.137	34.903	28.080	-3.55
2310	-1.027	-1.139	34.903	28.081	-3.60
2320	-1.029	-1.141	34.903	28.080	-3.61
2330	-1.028	-1.140	34.903	28.081	-3.64
2340	-1.026	-1.140	34.903	28.080	-3.65
2350	-1.027	-1.141	34.903	28.080	-3.68
2360	-1.027	-1.142	34.903	28.080	-3.68
2370	-1.027	-1.143	34.902	28.080	-3.69
2380	-1.027	-1.143	34.903	28.080	-3.73
2390	-1.026	-1.143	34.902	28.080	-3.71
2400	-1.026	-1.143	34.903	28.080	-3.76
2410	-1.025	-1.143	34.903	28.080	-3.77
2420	-1.025	-1.144	34.903	28.080	-3.81
2430	-1.024	-1.144	34.903	28.080	-3.82
2440	-1.023	-1.143	34.903	28.080	-3.83
2450	-1.022	-1.143	34.902	28.080	-3.82
2460	-1.022	-1.144	34.902	28.080	-3.85
2470	-1.021	-1.144	34.903	28.080	-3.89
2480	-1.021	-1.144	34.902	28.080	-3.90
2490	-1.020	-1.144	34.902	28.080	-3.91
2500	-1.019	-1.144	34.902	28.080	-3.94
2510	-1.019	-1.144	34.902	28.080	-3.95
2520	-1.018	-1.145	34.902	28.080	-3.94
2530	-1.018	-1.145	34.902	28.080	-4.00
2540	-1.018	-1.146	34.902	28.080	-4.01
2550	-1.018	-1.146	34.902	28.080	-4.03
2560	-1.016	-1.145	34.902	28.080	-4.01
2570	-1.016	-1.145	34.902	28.080	-4.07

B88.330					
depth	temp	theta	salnty	sig_th	delta
5	3.641	3.640	33.472	26.606	142.18
10	3.660	3.659	33.472	26.604	142.38
15	3.672	3.671	33.515	26.637	139.28
20	3.536	3.535	33.576	26.699	133.43
25	1.786	1.785	33.896	27.104	95.05
30	0.458	0.457	34.082	27.341	72.49
35	-0.156	-0.157	34.229	27.491	58.16
40	-0.972	-0.973	34.401	27.667	41.43
45	-1.231	-1.232	34.444	27.711	37.19
50	-1.308	-1.309	34.456	27.724	36.01
55	-1.322	-1.323	34.503	27.762	32.32
60	-1.326	-1.328	34.516	27.773	31.24
65	-1.307	-1.309	34.537	27.789	29.72
70	-1.288	-1.289	34.567	27.813	27.47
75	-1.275	-1.277	34.583	27.825	26.28
80	-1.257	-1.259	34.588	27.829	25.89
85	-1.218	-1.221	34.597	27.835	25.32
90	-1.074	-1.076	34.622	27.850	23.95
95	-0.998	-1.000	34.641	27.863	22.76
100	-0.966	-0.969	34.646	27.865	22.53
110	-0.891	-0.894	34.660	27.874	21.70
120	-0.663	-0.667	34.695	27.892	19.98
130	-0.439	-0.443	34.724	27.906	18.77
140	-0.158	-0.163	34.759	27.920	17.51
150	0.012	0.006	34.781	27.929	16.72
160	0.183	0.177	34.804	27.939	15.92
170	0.322	0.315	34.822	27.945	15.38
180	0.500	0.493	34.848	27.955	14.51
190	0.570	0.561	34.860	27.961	14.07
200	0.629	0.620	34.867	27.963	13.86
210	0.718	0.709	34.884	27.971	13.20
220	0.722	0.712	34.888	27.974	12.92
230	0.746	0.736	34.893	27.977	12.75
240	0.720	0.709	34.893	27.979	12.58
250	0.675	0.664	34.892	27.981	12.34
260	0.711	0.699	34.897	27.982	12.29
270	0.745	0.733	34.902	27.984	12.09
280	0.799	0.786	34.910	27.987	11.93
290	0.838	0.825	34.916	27.989	11.76
300	0.856	0.842	34.920	27.991	11.59
310	0.875	0.861	34.923	27.993	11.46
320	0.861	0.846	34.927	27.997	11.13
330	0.848	0.833	34.927	27.998	11.04
340	0.835	0.819	34.928	28.000	10.89
350	0.825	0.808	34.929	28.001	10.81
360	0.795	0.778	34.929	28.003	10.59
370	0.750	0.733	34.929	28.006	10.27
380	0.714	0.697	34.928	28.007	10.17
390	0.679	0.661	34.927	28.009	9.98
400	0.662	0.644	34.925	28.009	10.01
410	0.587	0.569	34.923	28.012	9.64
420	0.580	0.561	34.921	28.010	9.79
430	0.495	0.476	34.917	28.013	9.49
440	0.522	0.502	34.920	28.013	9.52
450	0.516	0.496	34.920	28.014	9.45

B88.330					
depth	temp	theta	salnty	sig_th	delta
460	0.459	0.439	34.918	28.015	9.27
470	0.387	0.366	34.910	28.013	9.38
480	0.344	0.323	34.912	28.017	8.90
490	0.320	0.299	34.911	28.017	8.88
500	0.311	0.290	34.911	28.019	8.77
510	0.284	0.262	34.911	28.020	8.61
520	0.248	0.226	34.910	28.021	8.43
530	0.229	0.207	34.909	28.022	8.39
540	0.213	0.190	34.909	28.022	8.33
550	0.189	0.165	34.908	28.023	8.23
560	0.155	0.131	34.908	28.025	7.96
570	0.125	0.101	34.908	28.026	7.80
580	0.089	0.064	34.907	28.028	7.61
590	0.069	0.044	34.908	28.030	7.42
600	0.047	0.022	34.907	28.030	7.35
610	0.014	-0.012	34.906	28.031	7.17
620	0.002	-0.024	34.906	28.032	7.10
630	-0.008	-0.035	34.906	28.032	7.04
640	-0.044	-0.070	34.906	28.034	6.81
650	-0.069	-0.096	34.906	28.035	6.65
660	-0.092	-0.119	34.906	28.037	6.45
670	-0.104	-0.132	34.905	28.037	6.44
680	-0.119	-0.147	34.906	28.038	6.28
690	-0.141	-0.169	34.906	28.039	6.12
700	-0.156	-0.185	34.906	28.040	6.03
710	-0.155	-0.185	34.906	28.040	6.01
720	-0.172	-0.202	34.906	28.041	5.89
730	-0.185	-0.215	34.907	28.042	5.73
740	-0.187	-0.217	34.907	28.043	5.68
750	-0.197	-0.228	34.908	28.044	5.54
760	-0.207	-0.238	34.908	28.044	5.48
770	-0.232	-0.264	34.907	28.045	5.35
780	-0.244	-0.276	34.907	28.045	5.31
790	-0.258	-0.290	34.908	28.047	5.11
800	-0.273	-0.306	34.908	28.048	5.03
810	-0.286	-0.319	34.907	28.048	4.95
820	-0.306	-0.340	34.907	28.049	4.79
830	-0.323	-0.357	34.907	28.050	4.70
840	-0.342	-0.377	34.907	28.050	4.56
850	-0.356	-0.391	34.908	28.052	4.39
860	-0.373	-0.408	34.907	28.052	4.31
870	-0.394	-0.429	34.908	28.054	4.10
880	-0.402	-0.438	34.908	28.054	4.03
890	-0.407	-0.444	34.908	28.055	3.96
900	-0.422	-0.458	34.908	28.055	3.85
910	-0.433	-0.470	34.909	28.056	3.73
920	-0.450	-0.488	34.910	28.058	3.52
930	-0.460	-0.497	34.910	28.059	3.41
940	-0.468	-0.506	34.910	28.059	3.36
950	-0.478	-0.517	34.910	28.060	3.23
960	-0.488	-0.527	34.910	28.060	3.14
970	-0.492	-0.532	34.910	28.060	3.12
980	-0.500	-0.540	34.910	28.061	3.03
990	-0.505	-0.546	34.911	28.061	2.96
1000	-0.515	-0.556	34.911	28.062	2.88

B88.330					
depth	temp	theta	salnty	sig_th	delta
1010	-0.526	-0.567	34.911	28.063	2.78
1020	-0.531	-0.573	34.910	28.062	2.78
1030	-0.540	-0.582	34.911	28.063	2.64
1040	-0.554	-0.597	34.911	28.064	2.51
1050	-0.564	-0.607	34.911	28.065	2.43
1060	-0.576	-0.620	34.911	28.065	2.34
1070	-0.581	-0.625	34.911	28.065	2.30
1080	-0.585	-0.630	34.911	28.065	2.26
1090	-0.592	-0.637	34.911	28.066	2.13
1100	-0.602	-0.647	34.912	28.067	2.02
1110	-0.611	-0.657	34.912	28.067	1.94
1120	-0.611	-0.657	34.912	28.067	1.93
1130	-0.616	-0.662	34.912	28.068	1.86
1140	-0.624	-0.671	34.912	28.068	1.76
1150	-0.626	-0.674	34.913	28.069	1.68
1160	-0.630	-0.678	34.913	28.069	1.63
1170	-0.634	-0.682	34.913	28.069	1.59
1180	-0.651	-0.700	34.914	28.071	1.34
1190	-0.664	-0.713	34.914	28.071	1.26
1200	-0.673	-0.723	34.913	28.072	1.20
1210	-0.685	-0.735	34.914	28.072	1.08
1220	-0.699	-0.749	34.914	28.073	0.91
1230	-0.706	-0.757	34.913	28.073	0.90
1240	-0.709	-0.760	34.913	28.073	0.86
1250	-0.710	-0.762	34.913	28.073	0.86
1260	-0.712	-0.765	34.914	28.074	0.76
1270	-0.715	-0.768	34.914	28.075	0.67
1280	-0.718	-0.771	34.914	28.075	0.63
1290	-0.724	-0.778	34.914	28.075	0.57
1300	-0.736	-0.791	34.915	28.076	0.43
1310	-0.737	-0.792	34.915	28.076	0.41

B88.331					
depth	temp	theta	salnty	sig_th	delta
5	4.168	4.168	34.188	27.123	93.20
10	4.458	4.457	34.239	27.133	92.31
15	4.584	4.583	34.275	27.148	90.93
20	4.282	4.281	34.293	27.194	86.57
25	4.383	4.382	34.280	27.174	88.58
30	4.642	4.640	34.336	27.189	87.16
35	4.223	4.220	34.335	27.234	82.91
40	1.501	1.499	34.404	27.532	54.51
45	0.217	0.216	34.502	27.693	39.14
50	-0.075	-0.077	34.501	27.708	37.69
55	-0.546	-0.548	34.544	27.765	32.20
60	-0.700	-0.702	34.545	27.772	31.48
65	-0.701	-0.703	34.562	27.786	30.11
70	-0.899	-0.901	34.579	27.808	28.03
75	-0.948	-0.950	34.590	27.819	26.92
80	-0.989	-0.991	34.623	27.847	24.25
85	-0.968	-0.971	34.647	27.867	22.42
90	-0.915	-0.918	34.654	27.870	22.10
95	-0.827	-0.830	34.667	27.877	21.46
100	-0.745	-0.748	34.681	27.885	20.73
110	-0.641	-0.644	34.699	27.895	19.80
120	-0.408	-0.412	34.729	27.909	18.56
130	-0.156	-0.161	34.759	27.920	17.56
140	-0.042	-0.047	34.783	27.934	16.28
150	0.177	0.172	34.806	27.941	15.74
160	0.269	0.263	34.824	27.950	14.90
170	0.397	0.390	34.842	27.957	14.33
180	0.494	0.486	34.857	27.963	13.76
190	0.539	0.531	34.870	27.971	13.07
200	0.552	0.543	34.876	27.975	12.71
210	0.567	0.558	34.885	27.981	12.16
220	0.553	0.544	34.889	27.986	11.76
230	0.548	0.538	34.893	27.989	11.48
240	0.548	0.538	34.897	27.992	11.18
250	0.539	0.529	34.898	27.994	11.04
260	0.516	0.504	34.901	27.998	10.67
270	0.519	0.508	34.903	27.999	10.55
280	0.512	0.500	34.907	28.002	10.25
290	0.496	0.484	34.905	28.002	10.26
300	0.433	0.420	34.906	28.006	9.82
310	0.395	0.382	34.904	28.008	9.70
320	0.367	0.354	34.904	28.009	9.59
330	0.358	0.344	34.904	28.010	9.49
340	0.355	0.341	34.904	28.009	9.52
350	0.366	0.351	34.906	28.011	9.41
360	0.349	0.334	34.908	28.013	9.20
370	0.329	0.313	34.908	28.014	9.07
380	0.299	0.283	34.909	28.017	8.80
390	0.275	0.258	34.908	28.018	8.70
400	0.253	0.236	34.909	28.019	8.53
410	0.234	0.217	34.909	28.021	8.39
420	0.215	0.197	34.908	28.022	8.30
430	0.187	0.169	34.908	28.023	8.15
440	0.159	0.141	34.908	28.024	8.01
450	0.148	0.130	34.907	28.024	8.01

B88.331					
depth	temp	theta	salnty	sig_th	delta
460	0.131	0.112	34.907	28.025	7.90
470	0.112	0.093	34.907	28.026	7.79
480	0.103	0.083	34.907	28.027	7.70
490	0.089	0.069	34.907	28.027	7.63
500	0.070	0.049	34.907	28.029	7.46
510	0.046	0.025	34.907	28.030	7.32
520	0.023	0.002	34.907	28.031	7.17
530	0.013	-0.009	34.907	28.031	7.15
540	-0.005	-0.027	34.907	28.033	7.00
550	-0.020	-0.042	34.907	28.033	6.91
560	-0.030	-0.053	34.907	28.034	6.85
570	-0.053	-0.076	34.907	28.035	6.67
580	-0.064	-0.088	34.907	28.036	6.60
590	-0.073	-0.097	34.906	28.036	6.58
600	-0.080	-0.105	34.907	28.037	6.51
610	-0.089	-0.114	34.906	28.037	6.47
620	-0.095	-0.121	34.907	28.037	6.40
630	-0.104	-0.130	34.907	28.038	6.33
640	-0.117	-0.144	34.907	28.038	6.27
650	-0.137	-0.163	34.907	28.040	6.10

B88.332					
depth	temp	theta	salnty	sig_th	delta
5	5.674	5.673	34.640	27.309	75.53
10	5.681	5.680	34.638	27.307	75.81
15	5.727	5.726	34.649	27.310	75.63
20	5.736	5.734	34.649	27.309	75.81
25	5.788	5.786	34.663	27.313	75.44
30	5.818	5.816	34.668	27.314	75.44
35	2.714	2.712	34.685	27.659	42.56
40	1.869	1.867	34.684	27.729	35.93
45	1.351	1.349	34.688	27.771	31.88
50	1.142	1.140	34.682	27.780	31.00
55	0.658	0.655	34.704	27.830	26.26
60	0.600	0.598	34.709	27.837	25.59
65	0.606	0.603	34.717	27.843	25.01
70	0.617	0.614	34.721	27.846	24.73
75	0.568	0.564	34.749	27.871	22.35
80	0.511	0.507	34.767	27.889	20.64
85	0.561	0.558	34.787	27.902	19.45
90	0.658	0.654	34.809	27.914	18.34
95	0.818	0.814	34.832	27.923	17.56
100	0.885	0.880	34.844	27.928	17.13
110	1.011	1.006	34.866	27.937	16.28
120	1.045	1.039	34.877	27.944	15.71
130	1.032	1.026	34.885	27.951	15.04
140	1.038	1.032	34.889	27.954	14.82
150	1.035	1.028	34.895	27.959	14.34
160	1.027	1.020	34.897	27.962	14.15
170	0.978	0.970	34.900	27.967	13.67
180	0.887	0.879	34.899	27.972	13.13
190	0.890	0.881	34.901	27.974	13.02
200	0.870	0.861	34.902	27.976	12.80
210	0.835	0.825	34.904	27.980	12.48
220	0.778	0.768	34.902	27.982	12.21
230	0.786	0.775	34.904	27.983	12.14
240	0.752	0.741	34.905	27.986	11.88
250	0.708	0.697	34.906	27.990	11.53
260	0.684	0.672	34.906	27.991	11.41
270	0.651	0.639	34.908	27.995	11.07
280	0.634	0.621	34.908	27.996	10.96
290	0.618	0.605	34.909	27.998	10.74
300	0.608	0.595	34.909	27.999	10.70
310	0.566	0.552	34.910	28.002	10.36
320	0.554	0.540	34.911	28.004	10.21
330	0.532	0.518	34.911	28.004	10.14
340	0.475	0.460	34.910	28.008	9.81
350	0.442	0.426	34.909	28.009	9.68
360	0.403	0.387	34.910	28.012	9.33
370	0.382	0.367	34.911	28.013	9.20
380	0.354	0.338	34.911	28.016	8.97
390	0.328	0.311	34.912	28.018	8.74
400	0.297	0.280	34.911	28.019	8.65
410	0.282	0.265	34.911	28.019	8.56
420	0.266	0.248	34.910	28.020	8.54
430	0.243	0.225	34.910	28.021	8.37
440	0.197	0.178	34.909	28.023	8.15
450	0.173	0.154	34.907	28.023	8.14

B88.332					
depth	temp	theta	salnty	sig_th	delta
460	0.136	0.117	34.909	28.026	7.78
470	0.120	0.100	34.907	28.026	7.81
480	0.085	0.065	34.908	28.029	7.50
490	0.065	0.045	34.908	28.029	7.41
500	0.055	0.034	34.907	28.029	7.38
510	0.034	0.013	34.908	28.031	7.20
520	0.032	0.011	34.907	28.031	7.22
530	-0.002	-0.023	34.908	28.034	6.91
540	-0.032	-0.054	34.908	28.035	6.74
550	-0.046	-0.069	34.906	28.034	6.83
560	-0.067	-0.090	34.907	28.036	6.59
570	-0.074	-0.097	34.907	28.036	6.58
580	-0.082	-0.105	34.907	28.037	6.49
590	-0.098	-0.122	34.907	28.037	6.41
600	-0.111	-0.135	34.907	28.038	6.32
610	-0.132	-0.156	34.907	28.040	6.12
620	-0.141	-0.166	34.907	28.040	6.11
630	-0.158	-0.184	34.907	28.041	5.98
640	-0.175	-0.201	34.908	28.042	5.80
650	-0.194	-0.220	34.908	28.043	5.66
660	-0.216	-0.242	34.907	28.044	5.54
670	-0.236	-0.264	34.908	28.045	5.38
680	-0.252	-0.279	34.907	28.046	5.28
690	-0.259	-0.287	34.907	28.046	5.26
700	-0.267	-0.295	34.907	28.046	5.22
710	-0.271	-0.300	34.907	28.047	5.17
720	-0.288	-0.317	34.907	28.048	5.04
730	-0.309	-0.339	34.907	28.049	4.86
740	-0.326	-0.356	34.907	28.049	4.77
750	-0.343	-0.374	34.908	28.051	4.60
760	-0.359	-0.389	34.907	28.051	4.54
770	-0.365	-0.396	34.908	28.052	4.43
780	-0.366	-0.397	34.907	28.052	4.46
790	-0.368	-0.400	34.907	28.051	4.45
800	-0.380	-0.412	34.907	28.053	4.32
810	-0.386	-0.419	34.907	28.053	4.26
820	-0.400	-0.433	34.907	28.053	4.17
830	-0.419	-0.453	34.909	28.055	3.93
840	-0.423	-0.457	34.908	28.055	3.94
850	-0.447	-0.481	34.909	28.057	3.69
860	-0.461	-0.495	34.909	28.058	3.58
870	-0.472	-0.507	34.909	28.058	3.48
880	-0.472	-0.507	34.909	28.058	3.46
890	-0.480	-0.516	34.909	28.059	3.37
900	-0.492	-0.528	34.910	28.060	3.24
910	-0.497	-0.534	34.910	28.060	3.20
920	-0.509	-0.546	34.911	28.062	3.03
930	-0.517	-0.555	34.911	28.062	2.97
940	-0.530	-0.568	34.911	28.063	2.81
950	-0.537	-0.575	34.911	28.063	2.78
960	-0.542	-0.581	34.911	28.063	2.74
970	-0.553	-0.593	34.912	28.065	2.55
980	-0.562	-0.601	34.912	28.065	2.47
990	-0.573	-0.613	34.913	28.066	2.33
1000	-0.575	-0.616	34.912	28.066	2.31

B88.332					
depth	temp	theta	salnty	sig_th	delta
1010	-0.589	-0.629	34.913	28.067	2.16
1020	-0.604	-0.645	34.913	28.068	2.02
1030	-0.610	-0.651	34.913	28.068	1.97
1040	-0.619	-0.661	34.914	28.069	1.83
1050	-0.624	-0.667	34.914	28.070	1.78
1060	-0.630	-0.673	34.914	28.070	1.74
1070	-0.633	-0.677	34.914	28.070	1.69
1080	-0.634	-0.678	34.913	28.070	1.69
1090	-0.636	-0.680	34.914	28.070	1.62
1100	-0.638	-0.683	34.914	28.070	1.59
1110	-0.638	-0.684	34.913	28.070	1.61
1120	-0.638	-0.684	34.913	28.070	1.63
1130	-0.640	-0.687	34.914	28.070	1.53
1140	-0.645	-0.692	34.914	28.071	1.48
1150	-0.647	-0.694	34.913	28.070	1.47
1160	-0.648	-0.696	34.914	28.071	1.42
1170	-0.653	-0.701	34.914	28.071	1.38
1180	-0.654	-0.703	34.914	28.071	1.32
1190	-0.656	-0.706	34.914	28.071	1.31
1200	-0.657	-0.707	34.914	28.072	1.25
1210	-0.658	-0.709	34.914	28.072	1.24

B88.333					
depth	temp	theta	salnty	sig_th	delta
5	5.957	5.957	34.673	27.300	76.45
10	5.968	5.967	34.666	27.293	77.17
15	5.974	5.973	34.663	27.290	77.48
20	5.973	5.971	34.663	27.290	77.57
25	5.978	5.976	34.662	27.289	77.80
30	5.971	5.968	34.659	27.288	77.94
35	5.994	5.991	34.664	27.288	77.98
40	4.187	4.184	34.899	27.687	40.13
45	3.816	3.813	34.881	27.711	37.84
50	3.342	3.338	34.886	27.762	32.98
55	3.135	3.132	34.877	27.774	31.86
60	2.731	2.727	34.884	27.817	27.81
65	2.502	2.498	34.890	27.842	25.45
70	2.342	2.339	34.895	27.860	23.74
75	2.298	2.294	34.914	27.879	22.01
80	2.470	2.465	34.940	27.885	21.47
85	2.449	2.444	34.950	27.895	20.56
90	2.424	2.419	34.959	27.904	19.74
95	2.387	2.382	34.959	27.907	19.47
100	2.348	2.342	34.961	27.912	19.01
110	2.319	2.313	34.966	27.919	18.41
120	2.225	2.219	34.965	27.926	17.83
130	2.140	2.133	34.961	27.930	17.48
140	2.019	2.011	34.955	27.935	16.99
150	1.848	1.840	34.946	27.941	16.40
160	1.738	1.730	34.942	27.946	15.90
170	1.625	1.617	34.936	27.951	15.50
180	1.560	1.551	34.934	27.954	15.23
190	1.446	1.436	34.928	27.957	14.85
200	1.399	1.389	34.928	27.960	14.58
210	1.316	1.306	34.928	27.967	13.99
220	1.304	1.294	34.926	27.966	14.06
230	1.260	1.249	34.926	27.969	13.79
240	1.222	1.211	34.927	27.973	13.46
250	1.028	1.016	34.918	27.979	12.80
260	0.955	0.943	34.912	27.979	12.77
270	0.806	0.794	34.905	27.983	12.31
280	0.738	0.725	34.900	27.983	12.22
290	0.732	0.719	34.901	27.984	12.15
300	0.703	0.690	34.901	27.986	11.94
310	0.677	0.664	34.903	27.990	11.63
320	0.647	0.632	34.904	27.992	11.39
330	0.618	0.604	34.905	27.995	11.10
340	0.574	0.559	34.907	27.999	10.72
350	0.555	0.540	34.908	28.001	10.50
360	0.483	0.467	34.905	28.003	10.28
370	0.487	0.471	34.907	28.004	10.15
380	0.472	0.455	34.907	28.006	10.04
390	0.443	0.426	34.908	28.008	9.82
400	0.407	0.390	34.907	28.009	9.66
410	0.350	0.333	34.907	28.012	9.31
420	0.318	0.300	34.906	28.014	9.15
430	0.303	0.285	34.907	28.016	8.98
440	0.255	0.237	34.907	28.018	8.66
450	0.229	0.210	34.909	28.021	8.39

B88.333					
depth	temp	theta	salnty	sig_th	delta
460	0.204	0.185	34.910	28.023	8.16
470	0.164	0.144	34.910	28.026	7.89
480	0.135	0.115	34.909	28.026	7.79
490	0.129	0.109	34.908	28.026	7.81
500	0.117	0.096	34.908	28.027	7.74
510	0.092	0.071	34.907	28.028	7.60
520	0.073	0.051	34.908	28.029	7.44
530	0.047	0.025	34.907	28.030	7.31
540	0.029	0.007	34.908	28.031	7.18
550	-0.007	-0.030	34.907	28.033	7.00
560	-0.039	-0.062	34.907	28.034	6.80
570	-0.048	-0.071	34.907	28.035	6.71
580	-0.050	-0.074	34.907	28.035	6.67
590	-0.073	-0.097	34.908	28.037	6.49
600	-0.095	-0.119	34.907	28.038	6.39
610	-0.114	-0.138	34.907	28.039	6.26
620	-0.135	-0.160	34.907	28.040	6.11
630	-0.151	-0.176	34.907	28.041	6.01
640	-0.168	-0.194	34.907	28.041	5.90
650	-0.182	-0.209	34.907	28.042	5.81
660	-0.201	-0.228	34.907	28.043	5.67
670	-0.212	-0.239	34.907	28.044	5.57
680	-0.227	-0.255	34.907	28.044	5.49
690	-0.238	-0.266	34.907	28.045	5.40
700	-0.258	-0.286	34.907	28.046	5.24
710	-0.269	-0.298	34.907	28.047	5.17
720	-0.285	-0.314	34.907	28.047	5.09
730	-0.293	-0.323	34.907	28.048	5.01
740	-0.302	-0.332	34.907	28.049	4.90
750	-0.323	-0.353	34.908	28.050	4.74
760	-0.340	-0.371	34.908	28.051	4.60
770	-0.352	-0.383	34.908	28.051	4.53
780	-0.362	-0.394	34.908	28.052	4.43
790	-0.367	-0.399	34.907	28.052	4.41
800	-0.373	-0.406	34.908	28.053	4.32
810	-0.381	-0.414	34.908	28.053	4.27
820	-0.390	-0.423	34.908	28.054	4.17
830	-0.399	-0.432	34.908	28.054	4.08
840	-0.407	-0.441	34.908	28.055	4.01
850	-0.413	-0.448	34.908	28.055	3.96
860	-0.425	-0.460	34.908	28.055	3.89
870	-0.439	-0.474	34.909	28.057	3.72
880	-0.448	-0.484	34.909	28.057	3.67
890	-0.455	-0.491	34.909	28.057	3.60
900	-0.465	-0.501	34.908	28.057	3.58
910	-0.473	-0.510	34.909	28.059	3.42
920	-0.476	-0.514	34.908	28.058	3.44
930	-0.483	-0.521	34.909	28.059	3.33
940	-0.486	-0.525	34.908	28.059	3.33
950	-0.495	-0.534	34.909	28.060	3.19
960	-0.510	-0.550	34.910	28.061	3.05
970	-0.523	-0.563	34.909	28.061	2.96
980	-0.530	-0.569	34.909	28.061	2.94
990	-0.542	-0.582	34.910	28.063	2.75
1000	-0.548	-0.589	34.910	28.063	2.71

B88.333					
depth	temp	theta	salnty	sig_th	delta
1010	-0.564	-0.605	34.910	28.064	2.54
1020	-0.571	-0.613	34.911	28.064	2.46
1030	-0.578	-0.619	34.910	28.064	2.44
1040	-0.588	-0.631	34.910	28.065	2.31
1050	-0.594	-0.637	34.910	28.065	2.25
1060	-0.604	-0.647	34.911	28.066	2.15
1070	-0.616	-0.659	34.911	28.067	2.03
1080	-0.628	-0.672	34.911	28.067	1.94
1090	-0.632	-0.677	34.912	28.068	1.83
1100	-0.648	-0.693	34.911	28.069	1.70
1110	-0.656	-0.702	34.912	28.070	1.57
1120	-0.665	-0.710	34.912	28.070	1.48
1130	-0.676	-0.722	34.912	28.071	1.38
1140	-0.689	-0.736	34.913	28.072	1.21
1150	-0.712	-0.758	34.913	28.073	1.00

B88.334					
depth	temp	theta	salnty	sig_th	delta
5	5.448	5.448	34.452	27.189	86.97
10	5.448	5.447	34.438	27.177	88.12
15	5.444	5.443	34.433	27.174	88.52
20	5.441	5.440	34.428	27.170	88.92
25	5.160	5.158	34.483	27.247	81.65
30	4.181	4.179	34.473	27.349	72.04
35	3.215	3.213	34.516	27.479	59.63
40	2.992	2.989	34.548	27.525	55.30
45	3.162	3.160	34.723	27.650	43.60
50	2.982	2.979	34.742	27.681	40.61
55	2.813	2.809	34.751	27.704	38.48
60	2.504	2.501	34.784	27.757	33.43
65	2.272	2.268	34.789	27.781	31.17
70	2.077	2.073	34.790	27.798	29.60
75	1.678	1.674	34.795	27.833	26.23
80	1.539	1.535	34.800	27.847	24.82
85	1.404	1.399	34.792	27.851	24.51
90	1.310	1.305	34.810	27.872	22.52
95	1.287	1.283	34.813	27.876	22.15
100	1.275	1.270	34.824	27.885	21.24
110	1.199	1.193	34.836	27.901	19.82
120	1.085	1.079	34.845	27.916	18.41
130	0.914	0.909	34.853	27.933	16.71
140	0.822	0.815	34.855	27.941	15.94
150	0.790	0.784	34.867	27.953	14.86
160	0.729	0.722	34.872	27.961	14.11
170	0.687	0.680	34.874	27.965	13.66
180	0.675	0.668	34.878	27.969	13.36
190	0.670	0.662	34.882	27.972	13.03
200	0.677	0.668	34.884	27.974	12.88
210	0.681	0.672	34.890	27.978	12.50
220	0.656	0.647	34.892	27.981	12.24
230	0.649	0.639	34.893	27.983	12.11
240	0.636	0.625	34.897	27.987	11.75
250	0.617	0.606	34.897	27.988	11.63
260	0.602	0.591	34.898	27.990	11.43
270	0.590	0.578	34.901	27.993	11.16
280	0.545	0.533	34.901	27.996	10.85
290	0.532	0.520	34.902	27.998	10.73
300	0.511	0.499	34.903	28.000	10.53
310	0.494	0.480	34.904	28.001	10.39
320	0.489	0.475	34.903	28.001	10.40
330	0.451	0.437	34.906	28.005	9.99
340	0.418	0.404	34.906	28.008	9.73
350	0.403	0.388	34.906	28.008	9.69
360	0.373	0.357	34.907	28.011	9.42
370	0.342	0.327	34.908	28.014	9.15
380	0.307	0.291	34.908	28.016	8.93
390	0.306	0.289	34.907	28.015	8.98
400	0.280	0.263	34.907	28.017	8.83
410	0.260	0.243	34.907	28.018	8.70
420	0.251	0.233	34.907	28.019	8.61
430	0.250	0.232	34.907	28.018	8.66
440	0.234	0.216	34.908	28.020	8.51
450	0.226	0.207	34.907	28.020	8.50

B88.334					
depth	temp	theta	salnty	sig_th	delta
460	0.208	0.189	34.908	28.021	8.32
470	0.197	0.177	34.908	28.023	8.21
480	0.173	0.153	34.908	28.024	8.07
490	0.150	0.130	34.908	28.025	7.93
500	0.126	0.105	34.909	28.027	7.72
510	0.104	0.083	34.909	28.028	7.55
520	0.088	0.066	34.908	28.029	7.50
530	0.069	0.047	34.908	28.030	7.37
540	0.068	0.046	34.907	28.029	7.46
550	0.060	0.037	34.908	28.030	7.35
560	0.055	0.032	34.908	28.030	7.32
570	0.033	0.009	34.909	28.032	7.11
580	0.030	0.006	34.908	28.032	7.13
590	0.020	-0.004	34.908	28.033	7.05
600	0.018	-0.007	34.907	28.032	7.11
610	0.007	-0.019	34.909	28.034	6.93
620	0.000	-0.026	34.909	28.034	6.90
630	-0.013	-0.040	34.909	28.035	6.79
640	-0.029	-0.056	34.908	28.035	6.71

B88.339					
depth	temp	theta	salnty	sig_th	delta
5	3.153	3.153	33.583	26.740	129.46
10	3.169	3.168	33.585	26.741	129.44
15	3.258	3.257	33.621	26.761	127.51
20	3.392	3.390	33.759	26.859	118.31
25	1.856	1.855	33.959	27.149	90.77
30	-1.025	-1.026	34.364	27.639	44.09
35	-1.306	-1.306	34.403	27.681	40.12
40	-1.472	-1.473	34.462	27.734	35.07
45	-1.558	-1.559	34.499	27.766	31.95
50	-1.629	-1.631	34.517	27.783	30.32
55	-1.715	-1.716	34.538	27.803	28.40
60	-1.735	-1.736	34.541	27.806	28.08
65	-1.723	-1.724	34.550	27.813	27.36
70	-1.719	-1.720	34.561	27.822	26.51
75	-1.678	-1.680	34.570	27.828	25.92
80	-1.586	-1.588	34.580	27.834	25.40
85	-1.444	-1.446	34.597	27.843	24.57
90	-1.326	-1.328	34.612	27.851	23.76
95	-1.175	-1.178	34.628	27.858	23.11
100	-0.983	-0.986	34.655	27.873	21.76
110	-0.687	-0.691	34.691	27.890	20.18
120	-0.441	-0.445	34.730	27.910	18.36
130	-0.263	-0.267	34.760	27.926	16.95
140	-0.046	-0.051	34.792	27.941	15.59
150	0.008	0.003	34.807	27.951	14.72
160	0.054	0.048	34.816	27.956	14.28
170	0.111	0.104	34.830	27.964	13.55
180	0.214	0.206	34.850	27.974	12.63
190	0.249	0.241	34.859	27.979	12.16
200	0.270	0.262	34.864	27.982	11.90
210	0.233	0.224	34.871	27.989	11.20
220	0.220	0.212	34.875	27.994	10.76
230	0.201	0.192	34.877	27.996	10.55
240	0.221	0.211	34.886	28.002	9.98
250	0.237	0.227	34.888	28.003	9.90
260	0.252	0.241	34.892	28.005	9.74
270	0.243	0.232	34.895	28.008	9.45
280	0.233	0.221	34.896	28.010	9.28
290	0.229	0.218	34.898	28.012	9.15
300	0.235	0.223	34.900	28.014	8.99
310	0.205	0.193	34.903	28.017	8.62
320	0.188	0.175	34.904	28.019	8.44
330	0.192	0.179	34.907	28.021	8.24
340	0.165	0.151	34.906	28.022	8.16
350	0.131	0.117	34.907	28.025	7.88
360	0.117	0.102	34.907	28.025	7.79
370	0.106	0.091	34.907	28.026	7.72
380	0.090	0.074	34.907	28.027	7.62
390	0.071	0.056	34.907	28.028	7.48
400	0.058	0.041	34.907	28.029	7.39
410	0.036	0.019	34.908	28.031	7.20
420	0.025	0.009	34.907	28.031	7.18
430	0.005	-0.012	34.908	28.033	7.00
440	-0.011	-0.029	34.908	28.033	6.93
450	-0.037	-0.055	34.907	28.034	6.79

B88.339					
depth	temp	theta	salnty	sig_th	delta
460	-0.063	-0.082	34.908	28.036	6.59
470	-0.078	-0.097	34.907	28.037	6.52
480	-0.106	-0.125	34.908	28.038	6.33
490	-0.117	-0.137	34.907	28.038	6.29
500	-0.135	-0.155	34.908	28.040	6.14
510	-0.151	-0.171	34.907	28.040	6.09
520	-0.162	-0.183	34.908	28.041	5.96
530	-0.181	-0.202	34.907	28.042	5.84
540	-0.198	-0.220	34.908	28.043	5.70
550	-0.216	-0.237	34.908	28.044	5.61
560	-0.234	-0.256	34.907	28.045	5.49
570	-0.264	-0.286	34.909	28.048	5.18
580	-0.275	-0.298	34.908	28.047	5.19
590	-0.290	-0.313	34.909	28.049	5.01
600	-0.300	-0.324	34.909	28.049	4.96
610	-0.313	-0.337	34.908	28.050	4.88
620	-0.328	-0.352	34.909	28.051	4.71
630	-0.338	-0.362	34.909	28.051	4.69
640	-0.341	-0.366	34.908	28.051	4.67
650	-0.361	-0.387	34.909	28.053	4.45
660	-0.369	-0.395	34.909	28.053	4.39
670	-0.376	-0.402	34.910	28.054	4.27
680	-0.383	-0.410	34.910	28.055	4.22
690	-0.398	-0.425	34.910	28.056	4.10
700	-0.400	-0.428	34.909	28.055	4.16
710	-0.413	-0.441	34.911	28.057	3.95
720	-0.426	-0.454	34.911	28.058	3.82
730	-0.439	-0.467	34.911	28.058	3.74
740	-0.454	-0.483	34.911	28.059	3.64
750	-0.462	-0.491	34.911	28.060	3.53
760	-0.466	-0.496	34.911	28.059	3.53
770	-0.475	-0.505	34.910	28.059	3.49
780	-0.483	-0.514	34.910	28.060	3.44
790	-0.490	-0.522	34.912	28.061	3.28
800	-0.500	-0.531	34.912	28.062	3.20
810	-0.508	-0.540	34.911	28.062	3.14
820	-0.522	-0.554	34.912	28.063	3.01
830	-0.528	-0.561	34.912	28.063	2.93
840	-0.547	-0.580	34.913	28.065	2.76
850	-0.559	-0.593	34.913	28.065	2.65
860	-0.565	-0.598	34.912	28.065	2.63
870	-0.568	-0.602	34.912	28.065	2.63
880	-0.572	-0.607	34.912	28.066	2.55
890	-0.579	-0.614	34.913	28.066	2.45
900	-0.586	-0.622	34.912	28.066	2.41
910	-0.590	-0.626	34.912	28.067	2.37
920	-0.591	-0.628	34.912	28.067	2.35
930	-0.592	-0.629	34.912	28.066	2.36

B88.340					
depth	temp	theta	salnty	sig_th	delta
5	1.916	1.916	33.029	26.399	161.83
10	1.991	1.991	33.059	26.417	160.08
15	2.686	2.685	33.279	26.539	148.61
20	2.700	2.699	33.380	26.618	141.13
25	2.653	2.651	33.624	26.817	122.25
30	2.164	2.162	33.891	27.071	98.18
35	0.607	0.605	34.219	27.442	62.90
40	-0.500	-0.501	34.329	27.589	48.90
45	-1.109	-1.111	34.427	27.693	38.96
50	-1.497	-1.499	34.509	27.773	31.30
55	-1.567	-1.568	34.507	27.774	31.22
60	-1.623	-1.625	34.531	27.795	29.19
65	-1.686	-1.688	34.542	27.806	28.08
70	-1.686	-1.687	34.535	27.800	28.62
75	-1.692	-1.694	34.548	27.811	27.57
80	-1.701	-1.703	34.554	27.815	27.09
85	-1.637	-1.639	34.559	27.818	26.83
90	-1.628	-1.630	34.568	27.825	26.19
95	-1.604	-1.606	34.586	27.839	24.83
100	-1.623	-1.626	34.591	27.843	24.39
110	-1.560	-1.562	34.598	27.847	23.97
120	-1.116	-1.120	34.634	27.861	22.78
130	-0.718	-0.722	34.681	27.883	20.82
140	-0.459	-0.464	34.727	27.909	18.45
150	-0.208	-0.213	34.757	27.921	17.40
160	0.027	0.021	34.798	27.942	15.55
170	0.211	0.204	34.826	27.955	14.44
180	0.260	0.253	34.839	27.963	13.71
190	0.364	0.356	34.856	27.970	13.05
200	0.342	0.334	34.879	27.990	11.22
210	0.497	0.488	34.881	27.982	12.04
220	0.503	0.493	34.889	27.989	11.43
230	0.427	0.418	34.895	27.998	10.52
240	0.438	0.428	34.901	28.002	10.18
250	0.454	0.443	34.903	28.003	10.08
260	0.407	0.397	34.901	28.004	9.96
270	0.431	0.420	34.906	28.007	9.73
280	0.328	0.317	34.904	28.011	9.31
290	0.281	0.269	34.902	28.012	9.15
300	0.289	0.276	34.902	28.012	9.16
310	0.289	0.276	34.904	28.013	9.07
320	0.272	0.259	34.904	28.015	8.93
330	0.264	0.250	34.905	28.016	8.81
340	0.246	0.232	34.904	28.016	8.83
350	0.208	0.193	34.904	28.018	8.55
360	0.230	0.215	34.907	28.020	8.44
370	0.221	0.205	34.908	28.021	8.35
380	0.162	0.146	34.909	28.025	7.94
390	0.142	0.126	34.908	28.025	7.86
400	0.122	0.106	34.908	28.026	7.74
410	0.105	0.088	34.907	28.026	7.72
420	0.082	0.065	34.905	28.027	7.67
430	0.048	0.030	34.908	28.030	7.26
440	0.042	0.025	34.907	28.030	7.28
450	0.046	0.028	34.909	28.031	7.19

B88.340					
depth	temp	theta	salnty	sig_th	delta
460	0.051	0.032	34.909	28.031	7.18
470	0.039	0.020	34.911	28.033	7.00
480	0.033	0.013	34.911	28.033	6.98
490	0.028	0.008	34.910	28.033	6.98
500	0.018	-0.002	34.911	28.034	6.87
510	-0.022	-0.042	34.911	28.036	6.62
520	-0.028	-0.049	34.911	28.037	6.57
530	-0.060	-0.081	34.910	28.038	6.45
540	-0.092	-0.114	34.909	28.039	6.28
550	-0.105	-0.127	34.907	28.038	6.32
560	-0.121	-0.144	34.908	28.040	6.14
570	-0.135	-0.158	34.908	28.040	6.08
580	-0.153	-0.176	34.908	28.041	5.98
590	-0.182	-0.206	34.908	28.043	5.76
600	-0.199	-0.223	34.907	28.043	5.71
610	-0.214	-0.238	34.907	28.044	5.60
620	-0.234	-0.259	34.908	28.045	5.43
630	-0.252	-0.277	34.908	28.046	5.29
640	-0.264	-0.290	34.909	28.048	5.15
650	-0.278	-0.303	34.909	28.048	5.04
660	-0.282	-0.308	34.908	28.048	5.03
670	-0.292	-0.319	34.909	28.049	4.94
680	-0.307	-0.335	34.909	28.050	4.83
690	-0.315	-0.343	34.909	28.050	4.76
700	-0.329	-0.357	34.909	28.051	4.62
710	-0.351	-0.380	34.909	28.052	4.48
720	-0.356	-0.385	34.908	28.052	4.49
730	-0.370	-0.400	34.909	28.053	4.35
740	-0.378	-0.407	34.909	28.054	4.27
750	-0.387	-0.417	34.910	28.055	4.10
760	-0.394	-0.424	34.909	28.055	4.13
770	-0.405	-0.435	34.910	28.056	4.01
780	-0.421	-0.452	34.911	28.057	3.82
790	-0.431	-0.463	34.911	28.058	3.72
800	-0.435	-0.467	34.910	28.057	3.74
810	-0.455	-0.487	34.912	28.060	3.48
820	-0.465	-0.497	34.912	28.060	3.41
830	-0.468	-0.501	34.911	28.060	3.41
840	-0.474	-0.508	34.911	28.060	3.33
850	-0.484	-0.518	34.911	28.060	3.29
860	-0.493	-0.528	34.911	28.061	3.18
870	-0.505	-0.540	34.911	28.062	3.07
880	-0.508	-0.543	34.911	28.061	3.10
890	-0.520	-0.556	34.912	28.063	2.93
900	-0.529	-0.565	34.912	28.063	2.83
910	-0.532	-0.568	34.911	28.063	2.89
920	-0.542	-0.579	34.912	28.064	2.72
930	-0.550	-0.587	34.912	28.065	2.60
940	-0.565	-0.603	34.913	28.066	2.44
950	-0.568	-0.606	34.912	28.065	2.49
960	-0.573	-0.612	34.912	28.066	2.41
970	-0.579	-0.618	34.913	28.066	2.33
980	-0.584	-0.623	34.913	28.067	2.28
990	-0.585	-0.625	34.912	28.066	2.28
1000	-0.587	-0.628	34.912	28.067	2.24

B88.340					
depth	temp	theta	salnty	sig_th	delta
1010	-0.592	-0.633	34.912	28.067	2.20
1020	-0.599	-0.640	34.913	28.068	2.08
1030	-0.601	-0.643	34.912	28.067	2.10
1040	-0.604	-0.647	34.912	28.067	2.07
1050	-0.612	-0.654	34.913	28.069	1.90
1060	-0.615	-0.658	34.913	28.069	1.88
1070	-0.616	-0.659	34.913	28.069	1.85
1080	-0.616	-0.660	34.913	28.068	1.89
1090	-0.620	-0.664	34.913	28.069	1.80
1100	-0.621	-0.666	34.913	28.069	1.78
1110	-0.627	-0.673	34.913	28.069	1.70
1120	-0.629	-0.675	34.913	28.069	1.71
1130	-0.632	-0.678	34.913	28.069	1.68
1140	-0.633	-0.680	34.913	28.070	1.60
1150	-0.637	-0.685	34.913	28.070	1.54
1160	-0.640	-0.688	34.914	28.071	1.48
1170	-0.642	-0.691	34.914	28.070	1.45
1180	-0.648	-0.697	34.914	28.071	1.40
1190	-0.651	-0.700	34.913	28.070	1.41
1200	-0.651	-0.701	34.913	28.071	1.35
1210	-0.653	-0.703	34.914	28.071	1.28
1220	-0.658	-0.709	34.914	28.072	1.20
1230	-0.657	-0.709	34.914	28.071	1.22
1240	-0.661	-0.713	34.914	28.072	1.16
1250	-0.662	-0.715	34.914	28.072	1.15
1260	-0.663	-0.716	34.914	28.072	1.14
1270	-0.664	-0.717	34.914	28.072	1.09

B88.341					
depth	temp	theta	salnty	sig_th	delta
5	1.749	1.749	32.876	26.288	172.34
10	1.750	1.749	32.877	26.289	172.28
15	1.751	1.750	32.876	26.288	172.33
20	1.757	1.756	32.879	26.290	172.18
25	1.970	1.969	33.083	26.438	158.13
30	0.194	0.193	33.639	26.998	104.96
35	-0.988	-0.989	33.890	27.253	80.65
40	-1.288	-1.289	34.026	27.374	69.15
45	-1.357	-1.358	34.130	27.461	60.90
50	-1.489	-1.491	34.197	27.519	55.30
55	-1.452	-1.453	34.210	27.529	54.41
60	-1.303	-1.305	34.275	27.576	49.87
65	-1.251	-1.253	34.296	27.592	48.41
70	-1.190	-1.192	34.321	27.610	46.65
75	-1.071	-1.073	34.352	27.631	44.69
80	-1.044	-1.046	34.376	27.650	42.93
85	-1.115	-1.118	34.395	27.667	41.24
90	-1.118	-1.121	34.415	27.684	39.61
95	-0.980	-0.982	34.443	27.701	38.03
100	-0.884	-0.887	34.478	27.726	35.69
110	-0.399	-0.402	34.550	27.763	32.33
120	-0.608	-0.612	34.603	27.816	27.24
130	-0.190	-0.195	34.637	27.823	26.69
140	-0.553	-0.558	34.674	27.870	22.09
150	-0.513	-0.518	34.700	27.890	20.22
160	-0.359	-0.364	34.731	27.908	18.62
170	-0.253	-0.259	34.747	27.916	17.88
180	-0.048	-0.055	34.773	27.926	17.04
190	0.100	0.092	34.793	27.934	16.32
200	0.304	0.296	34.818	27.943	15.62
210	0.540	0.531	34.845	27.951	15.01
220	0.736	0.726	34.869	27.958	14.49
230	0.782	0.771	34.880	27.964	13.97
240	0.901	0.890	34.896	27.969	13.61
250	0.908	0.897	34.903	27.974	13.13
260	0.934	0.922	34.909	27.978	12.86
270	0.927	0.915	34.911	27.980	12.65
280	0.943	0.930	34.915	27.982	12.55
290	0.971	0.957	34.922	27.986	12.21
300	0.976	0.962	34.926	27.989	11.92
310	0.973	0.959	34.927	27.990	11.85
320	0.961	0.946	34.930	27.993	11.59
330	0.956	0.941	34.932	27.995	11.47
340	0.949	0.933	34.932	27.996	11.38
350	0.923	0.907	34.934	27.999	11.07
360	0.917	0.900	34.935	28.000	11.03
370	0.892	0.875	34.936	28.003	10.75
380	0.884	0.866	34.936	28.003	10.74
390	0.871	0.852	34.937	28.004	10.61
400	0.846	0.827	34.936	28.006	10.50
410	0.829	0.809	34.935	28.006	10.44
420	0.786	0.766	34.934	28.008	10.27
430	0.717	0.697	34.933	28.011	9.87
440	0.690	0.670	34.931	28.012	9.83
450	0.656	0.636	34.929	28.012	9.75

B88.341					
depth	temp	theta	salnty	sig_th	delta
460	0.624	0.603	34.928	28.014	9.61
470	0.594	0.573	34.927	28.014	9.54
480	0.568	0.547	34.926	28.015	9.43
490	0.528	0.506	34.924	28.016	9.28
500	0.481	0.459	34.923	28.018	9.09
510	0.448	0.425	34.921	28.018	9.01
520	0.406	0.383	34.920	28.020	8.79
530	0.364	0.340	34.918	28.021	8.68
540	0.324	0.301	34.916	28.022	8.50
550	0.310	0.286	34.915	28.021	8.54
560	0.280	0.256	34.915	28.023	8.32
570	0.264	0.239	34.915	28.024	8.21
580	0.245	0.220	34.916	28.026	8.04
590	0.217	0.192	34.915	28.027	7.87
600	0.191	0.165	34.914	28.028	7.76
610	0.172	0.146	34.914	28.029	7.63
620	0.155	0.128	34.914	28.030	7.52
630	0.128	0.101	34.914	28.031	7.37
640	0.109	0.081	34.914	28.032	7.25
650	0.086	0.058	34.914	28.033	7.11
660	0.061	0.033	34.913	28.034	7.00
670	0.045	0.017	34.913	28.035	6.90
680	0.026	-0.003	34.913	28.036	6.77
690	0.004	-0.025	34.913	28.037	6.59
700	-0.004	-0.034	34.913	28.038	6.54
710	-0.031	-0.061	34.912	28.039	6.40
720	-0.077	-0.107	34.912	28.041	6.13
730	-0.125	-0.155	34.909	28.041	6.00
740	-0.142	-0.173	34.909	28.042	5.89
750	-0.150	-0.181	34.909	28.042	5.82
760	-0.160	-0.192	34.909	28.043	5.74
770	-0.179	-0.211	34.908	28.043	5.65
780	-0.199	-0.231	34.908	28.044	5.54
790	-0.218	-0.251	34.909	28.046	5.34
800	-0.230	-0.264	34.908	28.046	5.29
810	-0.247	-0.280	34.908	28.047	5.14
820	-0.265	-0.299	34.908	28.047	5.05
830	-0.277	-0.312	34.907	28.048	4.99
840	-0.289	-0.324	34.908	28.049	4.86
850	-0.305	-0.340	34.908	28.050	4.70
860	-0.315	-0.351	34.908	28.050	4.62
870	-0.323	-0.359	34.908	28.050	4.59
880	-0.340	-0.376	34.908	28.052	4.43
890	-0.353	-0.390	34.908	28.052	4.32
900	-0.365	-0.402	34.909	28.053	4.20
910	-0.377	-0.414	34.909	28.054	4.13
920	-0.385	-0.423	34.909	28.054	4.06
930	-0.394	-0.432	34.909	28.055	3.95
940	-0.399	-0.438	34.909	28.055	3.91
950	-0.408	-0.447	34.909	28.056	3.80
960	-0.412	-0.452	34.909	28.056	3.78
970	-0.420	-0.460	34.910	28.057	3.67
980	-0.427	-0.468	34.909	28.056	3.68
990	-0.438	-0.479	34.910	28.058	3.51
1000	-0.452	-0.494	34.910	28.059	3.35

B88.341					
depth	temp	theta	salnty	sig_th	delta
1010	-0.457	-0.499	34.911	28.059	3.28
1020	-0.466	-0.509	34.911	28.060	3.20
1030	-0.472	-0.515	34.911	28.060	3.13
1040	-0.479	-0.522	34.911	28.061	3.06
1050	-0.488	-0.532	34.911	28.061	2.94
1060	-0.499	-0.543	34.911	28.062	2.87
1070	-0.511	-0.555	34.911	28.063	2.75
1080	-0.519	-0.564	34.911	28.063	2.68
1090	-0.526	-0.572	34.911	28.063	2.61
1100	-0.539	-0.585	34.912	28.064	2.46
1110	-0.545	-0.591	34.912	28.065	2.38
1120	-0.551	-0.598	34.912	28.065	2.32
1130	-0.560	-0.607	34.912	28.066	2.22
1140	-0.569	-0.617	34.912	28.066	2.20
1150	-0.575	-0.623	34.912	28.066	2.09
1160	-0.581	-0.630	34.913	28.067	2.01
1170	-0.590	-0.639	34.913	28.068	1.88
1180	-0.596	-0.645	34.913	28.068	1.84
1190	-0.602	-0.652	34.913	28.068	1.75
1200	-0.608	-0.658	34.914	28.069	1.67
1210	-0.612	-0.663	34.913	28.069	1.64
1220	-0.618	-0.669	34.913	28.069	1.58
1230	-0.624	-0.676	34.913	28.070	1.51
1240	-0.628	-0.681	34.914	28.070	1.44
1250	-0.633	-0.686	34.914	28.071	1.35
1260	-0.638	-0.692	34.914	28.071	1.30
1270	-0.649	-0.703	34.914	28.071	1.19
1280	-0.656	-0.710	34.914	28.072	1.10
1290	-0.658	-0.713	34.914	28.072	1.11
1300	-0.661	-0.716	34.914	28.072	1.03
1310	-0.665	-0.720	34.914	28.072	1.02
1320	-0.671	-0.727	34.914	28.073	0.92
1330	-0.677	-0.733	34.914	28.073	0.86
1340	-0.681	-0.738	34.914	28.073	0.82
1350	-0.690	-0.748	34.915	28.074	0.69
1360	-0.694	-0.752	34.915	28.074	0.65
1370	-0.701	-0.760	34.915	28.074	0.56
1380	-0.707	-0.766	34.915	28.075	0.50
1390	-0.713	-0.773	34.915	28.075	0.44
1400	-0.720	-0.780	34.915	28.075	0.37
1410	-0.725	-0.785	34.914	28.075	0.32
1420	-0.729	-0.790	34.915	28.076	0.24
1430	-0.731	-0.793	34.914	28.075	0.29
1440	-0.739	-0.800	34.915	28.076	0.14
1450	-0.743	-0.805	34.915	28.076	0.09
1460	-0.747	-0.810	34.915	28.076	0.03
1470	-0.751	-0.814	34.915	28.077	-0.02
1480	-0.756	-0.820	34.915	28.077	-0.09
1490	-0.760	-0.825	34.914	28.077	-0.12
1500	-0.764	-0.829	34.914	28.077	-0.18
1510	-0.767	-0.833	34.914	28.077	-0.22
1520	-0.771	-0.838	34.914	28.077	-0.26
1530	-0.775	-0.842	34.914	28.077	-0.29
1540	-0.782	-0.849	34.914	28.078	-0.38
1550	-0.789	-0.856	34.914	28.078	-0.46

B88.341					
depth	temp	theta	salnty	sig_th	delta
1560	-0.794	-0.862	34.914	28.078	-0.53
1570	-0.801	-0.869	34.914	28.078	-0.59
1580	-0.803	-0.872	34.913	28.078	-0.58
1590	-0.814	-0.883	34.914	28.079	-0.73
1600	-0.827	-0.896	34.913	28.079	-0.81

B88.342					
depth	temp	theta	salnty	sig_th	delta
5	1.332	1.332	32.872	26.314	169.89
10	1.334	1.333	32.856	26.301	171.13
15	1.334	1.333	32.854	26.299	171.33
20	1.336	1.336	32.852	26.297	171.51
25	1.328	1.327	32.855	26.300	171.17
30	0.022	0.021	33.335	26.761	127.34
35	-0.725	-0.726	33.682	27.075	97.54
40	-1.345	-1.346	33.936	27.303	75.86
45	-1.445	-1.446	34.087	27.429	63.89
50	-1.453	-1.454	34.139	27.471	59.88
55	-1.462	-1.464	34.177	27.502	56.88
60	-1.472	-1.473	34.221	27.539	53.43
65	-1.466	-1.468	34.240	27.554	51.97
70	-1.392	-1.393	34.263	27.570	50.47
75	-1.412	-1.414	34.319	27.616	46.01
80	-0.904	-0.906	34.351	27.624	45.39
85	-0.855	-0.858	34.400	27.662	41.80
90	-0.550	-0.553	34.442	27.683	39.87
95	-0.034	-0.038	34.493	27.699	38.48
100	0.090	0.086	34.520	27.714	37.10
110	-0.334	-0.337	34.578	27.783	30.45
120	0.109	0.105	34.639	27.809	28.13
130	0.286	0.281	34.696	27.845	24.76
140	0.841	0.834	34.763	27.866	23.05
150	1.385	1.377	34.837	27.888	21.21
160	1.439	1.431	34.865	27.907	19.47
170	1.453	1.444	34.878	27.916	18.64
180	1.439	1.430	34.888	27.925	17.85
190	1.356	1.347	34.892	27.935	16.94
200	1.347	1.337	34.899	27.941	16.38
210	1.219	1.209	34.897	27.949	15.64
220	1.133	1.123	34.895	27.953	15.18
230	1.072	1.061	34.897	27.959	14.67
240	1.029	1.018	34.899	27.963	14.25
250	1.015	1.003	34.906	27.970	13.64
260	1.009	0.997	34.913	27.976	13.06
270	0.996	0.983	34.917	27.980	12.72
280	0.982	0.968	34.920	27.984	12.38
290	0.969	0.955	34.923	27.986	12.14
300	0.978	0.964	34.926	27.989	11.94
310	0.964	0.949	34.929	27.992	11.68
320	0.928	0.913	34.929	27.994	11.47
330	0.922	0.906	34.929	27.995	11.42
340	0.913	0.898	34.931	27.997	11.27
350	0.921	0.904	34.933	27.998	11.19
360	0.886	0.869	34.933	28.001	10.91
370	0.877	0.860	34.933	28.001	10.88
380	0.897	0.879	34.936	28.002	10.81
390	0.850	0.832	34.936	28.006	10.47
400	0.837	0.818	34.936	28.007	10.40
410	0.793	0.774	34.934	28.008	10.26
420	0.756	0.737	34.934	28.010	10.05
430	0.749	0.729	34.934	28.010	10.02
440	0.745	0.725	34.935	28.011	9.96
450	0.736	0.715	34.935	28.012	9.90

B88.342					
depth	temp	theta	salnty	sig_th	delta
460	0.707	0.686	34.935	28.014	9.69
470	0.701	0.679	34.935	28.014	9.70
480	0.671	0.649	34.934	28.015	9.56
490	0.663	0.641	34.933	28.015	9.56
500	0.627	0.604	34.933	28.017	9.34
510	0.608	0.585	34.932	28.017	9.31
520	0.585	0.561	34.931	28.018	9.24
530	0.559	0.535	34.931	28.020	9.06
540	0.529	0.505	34.929	28.020	8.99
550	0.505	0.480	34.928	28.021	8.89
560	0.494	0.468	34.927	28.021	8.88
570	0.467	0.441	34.927	28.022	8.74
580	0.452	0.426	34.926	28.023	8.68
590	0.436	0.409	34.926	28.023	8.62
600	0.426	0.399	34.925	28.023	8.63
610	0.412	0.384	34.925	28.024	8.56
620	0.400	0.372	34.924	28.024	8.56
630	0.388	0.359	34.924	28.025	8.44
640	0.373	0.344	34.923	28.025	8.40
650	0.326	0.297	34.922	28.026	8.20
660	0.284	0.254	34.921	28.028	7.96
670	0.271	0.242	34.920	28.029	7.92
680	0.245	0.215	34.920	28.030	7.78
690	0.222	0.191	34.918	28.030	7.71
700	0.205	0.174	34.917	28.030	7.68
710	0.175	0.144	34.916	28.031	7.55
720	0.168	0.136	34.916	28.031	7.54
730	0.163	0.131	34.916	28.031	7.47
740	0.147	0.115	34.916	28.032	7.39
750	0.134	0.101	34.916	28.033	7.30
760	0.112	0.079	34.915	28.034	7.19
770	0.086	0.052	34.914	28.034	7.06
780	0.068	0.034	34.914	28.035	6.98
790	0.048	0.013	34.913	28.035	6.92
800	0.032	-0.003	34.914	28.037	6.72
810	-0.010	-0.045	34.914	28.039	6.39
820	-0.015	-0.050	34.913	28.039	6.44
830	-0.027	-0.063	34.913	28.039	6.35
840	-0.042	-0.078	34.912	28.039	6.31

B88.343					
depth	temp	theta	salnty	sig_th	delta
5	0.039	0.039	31.208	25.045	290.50
10	0.040	0.040	31.205	25.041	290.78
15	0.038	0.038	31.205	25.042	290.70
20	0.139	0.138	31.527	25.297	266.42
25	0.306	0.305	32.054	25.714	226.73
30	0.230	0.229	32.407	26.002	199.39
35	-0.572	-0.573	32.600	26.193	181.18
40	-1.587	-1.588	32.605	26.229	177.59
45	-1.652	-1.653	32.712	26.317	169.17
50	-1.653	-1.654	32.802	26.390	162.20
55	-1.636	-1.637	32.866	26.442	157.29
60	-1.629	-1.631	32.996	26.547	147.27
65	-1.492	-1.493	33.135	26.657	136.83
70	-1.593	-1.595	33.366	26.847	118.81
75	-1.657	-1.658	33.481	26.942	109.76
80	-1.659	-1.661	33.535	26.987	105.49
85	-1.633	-1.634	33.626	27.059	98.60
90	-1.642	-1.644	33.722	27.138	91.13
95	-1.652	-1.654	33.786	27.190	86.13
100	-1.679	-1.681	33.846	27.240	81.39
110	-1.662	-1.664	33.919	27.298	75.82
120	-1.663	-1.666	34.020	27.381	67.97
130	-1.665	-1.668	34.080	27.429	63.30
140	-1.602	-1.606	34.144	27.479	58.54
150	-1.577	-1.580	34.185	27.512	55.43
160	-1.460	-1.464	34.244	27.557	51.17
170	-1.401	-1.405	34.306	27.605	46.61
180	-1.465	-1.469	34.353	27.645	42.72
190	-1.447	-1.451	34.382	27.668	40.52
200	-1.393	-1.398	34.402	27.683	39.10
210	-1.088	-1.094	34.448	27.710	36.77
220	-0.874	-0.880	34.500	27.744	33.65
230	-0.720	-0.728	34.540	27.769	31.33
240	-0.442	-0.450	34.588	27.796	28.94
250	0.200	0.190	34.712	27.864	23.05

B88.344					
depth	temp	theta	salnty	sig_th	delta
10	0.320	0.320	31.883	25.576	239.98
15	0.354	0.354	31.952	25.629	234.85
20	0.359	0.358	31.960	25.636	234.19
25	0.382	0.381	32.085	25.735	224.76
30	0.456	0.454	32.239	25.856	213.32
35	0.092	0.091	32.499	26.083	191.69
40	-0.756	-0.757	32.790	26.354	165.89
45	-1.251	-1.252	32.916	26.472	154.54
50	-1.461	-1.462	32.995	26.542	147.84
55	-1.635	-1.636	33.109	26.639	138.59
60	-1.656	-1.658	33.253	26.757	127.40
65	-1.647	-1.648	33.390	26.868	116.81
70	-1.646	-1.647	33.487	26.947	109.35
75	-1.656	-1.657	33.609	27.047	99.84
80	-1.660	-1.662	33.688	27.111	93.77
85	-1.668	-1.670	33.740	27.154	89.67
90	-1.676	-1.678	33.840	27.235	81.96
95	-1.678	-1.680	33.890	27.275	78.10
100	-1.653	-1.655	33.993	27.359	70.17
110	-1.577	-1.579	34.113	27.454	61.11
120	-1.462	-1.465	34.203	27.523	54.55
130	-1.483	-1.486	34.248	27.561	50.97
140	-1.522	-1.526	34.301	27.605	46.70
150	-1.497	-1.500	34.344	27.639	43.45
160	-1.437	-1.441	34.376	27.663	41.19
170	-1.284	-1.289	34.412	27.687	38.95
180	-1.129	-1.134	34.443	27.707	37.10
190	-0.915	-0.920	34.488	27.735	34.50
200	-0.745	-0.751	34.541	27.771	31.20
210	-0.609	-0.615	34.573	27.791	29.35
220	-0.400	-0.408	34.609	27.811	27.60
230	-0.307	-0.315	34.636	27.829	26.00
240	-0.179	-0.188	34.676	27.855	23.62
250	0.131	0.121	34.718	27.872	22.17
260	0.352	0.342	34.760	27.894	20.35
270	0.515	0.503	34.794	27.911	18.81
280	0.604	0.592	34.817	27.924	17.67
290	0.651	0.638	34.835	27.936	16.63
300	0.673	0.660	34.844	27.942	16.05
310	0.681	0.667	34.852	27.948	15.58
320	0.684	0.669	34.870	27.963	14.19
330	0.675	0.661	34.891	27.980	12.58
340	0.673	0.657	34.892	27.981	12.48
350	0.673	0.657	34.893	27.982	12.47
360	0.673	0.657	34.893	27.982	12.47

B88.345					
depth	temp	theta	salnty	sig_th	delta
10	-0.929	-0.929	29.180	23.437	443.69
15	-0.567	-0.567	29.441	23.639	424.31
20	-0.405	-0.406	30.191	24.240	366.99
25	-0.299	-0.300	30.624	24.586	334.02
30	-0.333	-0.333	31.289	25.125	282.72
35	-0.632	-0.633	31.758	25.515	245.59
40	-0.851	-0.851	32.052	25.759	222.27
45	-1.161	-1.162	32.278	25.952	203.91
50	-1.431	-1.432	32.478	26.122	187.69
55	-1.575	-1.576	32.602	26.226	177.78
60	-1.644	-1.645	32.742	26.342	166.75
65	-1.672	-1.673	32.920	26.487	152.95
70	-1.687	-1.689	33.019	26.568	145.23
75	-1.684	-1.686	33.169	26.690	133.64
80	-1.533	-1.535	33.377	26.855	118.00
85	-1.340	-1.342	33.503	26.951	108.90
90	-1.522	-1.524	33.658	27.082	96.41
95	-1.593	-1.596	33.731	27.144	90.51
100	-1.595	-1.597	33.792	27.193	85.85
110	-1.650	-1.652	33.907	27.288	76.77
120	-1.604	-1.607	33.971	27.339	71.94
130	-1.631	-1.634	34.041	27.396	66.43
140	-1.629	-1.632	34.082	27.430	63.20
150	-1.545	-1.548	34.139	27.474	59.05
160	-1.450	-1.454	34.211	27.530	53.74
170	-1.402	-1.406	34.266	27.573	49.65
180	-1.272	-1.276	34.332	27.622	45.07
190	-1.157	-1.162	34.379	27.656	41.86
200	-1.036	-1.041	34.419	27.684	39.20
210	-0.865	-0.871	34.471	27.720	35.93
220	-0.753	-0.760	34.499	27.737	34.32
230	-0.603	-0.610	34.534	27.759	32.32
240	-0.476	-0.484	34.565	27.779	30.57
250	-0.280	-0.289	34.603	27.801	28.63
260	-0.068	-0.078	34.632	27.813	27.63
270	0.056	0.046	34.665	27.834	25.75
280	0.102	0.091	34.689	27.851	24.20
290	0.170	0.158	34.718	27.870	22.46
300	0.339	0.326	34.747	27.884	21.30
310	0.413	0.400	34.761	27.891	20.70
320	0.455	0.441	34.772	27.898	20.09
330	0.582	0.568	34.803	27.914	18.65
340	0.635	0.620	34.814	27.921	18.13
350	0.674	0.659	34.825	27.927	17.59
360	0.702	0.686	34.833	27.932	17.18
370	0.737	0.720	34.851	27.944	16.08
380	0.776	0.758	34.862	27.950	15.58
390	0.778	0.760	34.874	27.960	14.68
400	0.771	0.753	34.877	27.963	14.40
410	0.770	0.752	34.880	27.966	14.18
420	0.731	0.711	34.884	27.971	13.63

B88.350					
depth	temp	theta	salnty	sig_th	delta
5	2.989	2.988	33.544	26.724	131.02
10	2.997	2.997	33.519	26.703	132.97
15	3.007	3.006	33.510	26.695	133.79
20	2.686	2.685	33.521	26.732	130.32
25	2.537	2.535	33.522	26.745	129.04
30	1.876	1.874	33.671	26.917	112.78
35	-0.333	-0.334	34.229	27.500	57.34
40	-1.130	-1.131	34.445	27.708	37.53
45	-1.156	-1.157	34.459	27.721	36.31
50	-1.046	-1.047	34.509	27.757	32.88
55	-0.988	-0.990	34.514	27.759	32.64
60	-0.948	-0.950	34.525	27.767	31.93
65	-0.889	-0.891	34.548	27.783	30.39
70	-0.625	-0.627	34.597	27.811	27.80
75	-0.538	-0.540	34.612	27.820	26.99
80	-0.517	-0.520	34.618	27.823	26.64
85	-0.479	-0.481	34.626	27.828	26.17
90	-0.456	-0.459	34.629	27.830	26.02
95	-0.363	-0.366	34.658	27.848	24.28
100	-0.286	-0.290	34.680	27.863	22.92
110	-0.193	-0.197	34.706	27.879	21.41
120	-0.139	-0.143	34.720	27.888	20.58
130	-0.058	-0.063	34.728	27.890	20.41
140	0.139	0.133	34.760	27.906	19.02
150	0.342	0.336	34.793	27.921	17.67
160	0.529	0.523	34.820	27.931	16.82
170	0.687	0.680	34.849	27.945	15.61
180	0.780	0.772	34.864	27.951	15.04
190	0.817	0.809	34.873	27.956	14.62
200	0.869	0.860	34.882	27.960	14.29
210	0.938	0.929	34.896	27.967	13.73
220	1.003	0.993	34.910	27.973	13.19
230	1.027	1.016	34.917	27.978	12.80
240	1.019	1.007	34.921	27.981	12.52
250	1.016	1.004	34.921	27.982	12.46
260	1.012	1.000	34.924	27.985	12.24
270	0.996	0.983	34.927	27.988	11.94
280	1.002	0.989	34.928	27.988	11.95
290	0.958	0.945	34.929	27.992	11.56
300	0.947	0.933	34.931	27.994	11.38
310	0.916	0.902	34.931	27.997	11.16
320	0.890	0.875	34.930	27.998	11.10
330	0.867	0.851	34.930	27.999	10.97
340	0.803	0.788	34.930	28.003	10.54
350	0.767	0.751	34.929	28.005	10.34
360	0.738	0.721	34.928	28.006	10.30
370	0.639	0.623	34.925	28.010	9.79
380	0.561	0.544	34.923	28.013	9.43
390	0.542	0.525	34.922	28.013	9.41
400	0.497	0.479	34.919	28.014	9.33
410	0.447	0.429	34.918	28.016	9.07
420	0.413	0.395	34.916	28.016	9.03
430	0.387	0.369	34.915	28.017	8.92
440	0.327	0.308	34.914	28.020	8.62
450	0.307	0.288	34.913	28.020	8.56

B88.350					
depth	temp	theta	salnty	sig_th	delta
460	0.254	0.234	34.913	28.023	8.24
470	0.191	0.171	34.913	28.026	7.85
480	0.180	0.160	34.910	28.025	7.98
490	0.160	0.139	34.910	28.026	7.85
500	0.119	0.098	34.909	28.028	7.62
510	0.114	0.093	34.909	28.028	7.64
520	0.074	0.053	34.909	28.030	7.37
530	0.041	0.019	34.909	28.032	7.17
540	0.017	-0.006	34.908	28.033	7.03
550	0.008	-0.015	34.907	28.032	7.05
560	-0.028	-0.051	34.908	28.035	6.77
570	-0.046	-0.069	34.908	28.036	6.66
580	-0.060	-0.083	34.907	28.036	6.62
590	-0.075	-0.099	34.907	28.037	6.50
600	-0.084	-0.108	34.907	28.037	6.44
610	-0.089	-0.114	34.907	28.037	6.44
620	-0.118	-0.143	34.908	28.040	6.14
630	-0.147	-0.173	34.908	28.041	5.98
640	-0.156	-0.182	34.908	28.041	5.93
650	-0.185	-0.211	34.908	28.043	5.74
660	-0.211	-0.238	34.907	28.044	5.57
670	-0.212	-0.239	34.907	28.044	5.56
680	-0.212	-0.239	34.907	28.044	5.60
690	-0.218	-0.246	34.907	28.044	5.53
700	-0.226	-0.254	34.907	28.045	5.45
710	-0.232	-0.261	34.907	28.045	5.42
720	-0.245	-0.274	34.907	28.046	5.31
730	-0.249	-0.279	34.907	28.046	5.26
740	-0.249	-0.279	34.907	28.046	5.29
750	-0.242	-0.272	34.907	28.045	5.34

B88.352					
depth	temp	theta	salnty	sig_th	delta
5	2.448	2.448	33.735	26.923	112.12
10	2.440	2.439	33.719	26.911	113.31
15	2.458	2.457	33.729	26.917	112.69
20	2.494	2.493	33.757	26.937	110.88
25	2.506	2.505	33.771	26.947	109.97
30	2.505	2.503	33.772	26.948	109.90
35	2.482	2.480	33.772	26.949	109.74
40	0.417	0.415	34.179	27.421	64.88
45	-0.885	-0.887	34.457	27.709	37.51
50	-1.026	-1.028	34.481	27.734	35.09
55	-1.027	-1.029	34.481	27.734	35.03
60	-0.908	-0.910	34.493	27.739	34.59
65	-0.825	-0.827	34.510	27.749	33.61
70	-0.810	-0.812	34.517	27.754	33.14
75	-0.770	-0.772	34.527	27.761	32.50
80	-0.733	-0.735	34.548	27.776	31.01
85	-0.965	-0.967	34.583	27.814	27.39
90	-1.089	-1.092	34.589	27.824	26.43
95	-1.040	-1.042	34.597	27.829	25.95
100	-0.969	-0.972	34.603	27.831	25.75
110	-1.200	-1.203	34.623	27.856	23.28
120	-1.118	-1.122	34.635	27.862	22.70
130	-0.935	-0.939	34.654	27.871	21.88
140	-0.673	-0.677	34.685	27.885	20.65
150	-0.227	-0.232	34.720	27.892	20.13
160	0.287	0.280	34.765	27.901	19.55
170	0.487	0.480	34.803	27.920	17.80
180	0.563	0.555	34.819	27.929	17.07
190	0.699	0.691	34.844	27.941	16.05
200	0.789	0.781	34.863	27.950	15.25
210	0.803	0.794	34.874	27.957	14.55
220	0.823	0.813	34.884	27.965	13.90
230	0.924	0.913	34.898	27.969	13.58
240	1.016	1.005	34.912	27.974	13.18
250	1.052	1.040	34.921	27.979	12.78
260	1.049	1.037	34.926	27.983	12.40
270	1.051	1.038	34.927	27.984	12.33
280	1.038	1.024	34.930	27.988	12.02
290	1.041	1.028	34.934	27.991	11.76
300	1.046	1.032	34.936	27.992	11.73
310	1.039	1.024	34.938	27.994	11.55
320	0.980	0.965	34.937	27.998	11.17
330	0.999	0.984	34.939	27.997	11.25
340	0.954	0.938	34.940	28.001	10.84
350	0.878	0.862	34.938	28.005	10.47
360	0.847	0.830	34.935	28.005	10.48
370	0.810	0.793	34.934	28.006	10.32
380	0.760	0.743	34.932	28.008	10.17
390	0.759	0.741	34.930	28.006	10.32
400	0.708	0.690	34.931	28.010	9.91
410	0.671	0.652	34.929	28.011	9.83
420	0.638	0.619	34.928	28.012	9.70
430	0.573	0.554	34.926	28.015	9.40
440	0.518	0.498	34.924	28.016	9.16
450	0.495	0.475	34.922	28.016	9.19

B88.352					
depth	temp	theta	salnty	sig_th	delta
460	0.478	0.458	34.921	28.016	9.15
470	0.448	0.427	34.920	28.017	9.03
480	0.416	0.395	34.919	28.019	8.88
490	0.385	0.364	34.918	28.020	8.74
500	0.355	0.333	34.917	28.020	8.65
510	0.299	0.277	34.916	28.023	8.35
520	0.293	0.270	34.914	28.022	8.46
530	0.240	0.217	34.913	28.024	8.19
540	0.216	0.193	34.913	28.025	8.04
550	0.197	0.173	34.911	28.025	8.02
560	0.175	0.151	34.911	28.026	7.92
570	0.151	0.127	34.910	28.027	7.80
580	0.132	0.107	34.910	28.028	7.69
590	0.083	0.058	34.910	28.030	7.38
600	0.047	0.022	34.908	28.031	7.27
610	0.016	-0.009	34.908	28.033	7.06
620	0.007	-0.019	34.907	28.032	7.05
630	-0.017	-0.043	34.907	28.033	6.91
640	-0.030	-0.057	34.907	28.034	6.84
650	-0.037	-0.064	34.906	28.034	6.87
660	-0.059	-0.087	34.906	28.035	6.66
670	-0.086	-0.114	34.905	28.036	6.56
680	-0.105	-0.134	34.906	28.038	6.34
690	-0.116	-0.145	34.907	28.039	6.23
700	-0.132	-0.161	34.906	28.039	6.14
710	-0.141	-0.170	34.906	28.039	6.11
720	-0.158	-0.188	34.907	28.041	5.94
730	-0.183	-0.213	34.908	28.043	5.70
740	-0.195	-0.226	34.907	28.043	5.65
750	-0.207	-0.238	34.907	28.044	5.57
760	-0.215	-0.246	34.907	28.044	5.51
770	-0.227	-0.259	34.907	28.045	5.41
780	-0.244	-0.276	34.908	28.046	5.24
790	-0.259	-0.291	34.908	28.047	5.11
800	-0.274	-0.306	34.908	28.047	5.03
810	-0.285	-0.319	34.908	28.048	4.91
820	-0.297	-0.330	34.908	28.049	4.83
830	-0.304	-0.338	34.908	28.049	4.76
840	-0.314	-0.349	34.908	28.050	4.66
850	-0.326	-0.361	34.908	28.051	4.56
860	-0.345	-0.380	34.909	28.052	4.39
870	-0.352	-0.387	34.909	28.053	4.32
880	-0.366	-0.403	34.909	28.053	4.20
890	-0.374	-0.411	34.909	28.054	4.16
900	-0.388	-0.425	34.910	28.055	3.97
910	-0.398	-0.436	34.910	28.055	3.90
920	-0.411	-0.449	34.910	28.056	3.78
930	-0.425	-0.463	34.910	28.057	3.63
940	-0.437	-0.475	34.910	28.058	3.54
950	-0.444	-0.483	34.910	28.058	3.46
960	-0.453	-0.493	34.910	28.059	3.40
970	-0.463	-0.503	34.911	28.060	3.25
980	-0.492	-0.532	34.912	28.062	2.95
990	-0.500	-0.541	34.911	28.062	2.94
1000	-0.516	-0.557	34.912	28.063	2.80

B88.352					
depth	temp	theta	salnty	sig_th	delta
1010	-0.530	-0.571	34.912	28.064	2.66
1020	-0.535	-0.576	34.911	28.063	2.68
1030	-0.540	-0.583	34.911	28.064	2.60
1040	-0.553	-0.596	34.911	28.064	2.49
1050	-0.562	-0.606	34.912	28.065	2.38
1060	-0.571	-0.614	34.912	28.065	2.31
1070	-0.576	-0.620	34.911	28.065	2.28
1080	-0.588	-0.632	34.912	28.066	2.13
1090	-0.602	-0.647	34.912	28.067	2.04
1100	-0.608	-0.654	34.912	28.068	1.93
1110	-0.627	-0.673	34.913	28.069	1.72
1120	-0.642	-0.688	34.913	28.070	1.61
1130	-0.657	-0.703	34.913	28.071	1.46
1140	-0.671	-0.718	34.914	28.072	1.30
1150	-0.687	-0.734	34.913	28.072	1.19

B88.353					
depth	temp	theta	salnty	sig_th	delta
5	1.564	1.564	33.659	26.929	111.50
10	1.561	1.560	33.654	26.926	111.83
15	1.554	1.553	33.656	26.928	111.67
20	1.479	1.478	33.693	26.963	108.37
25	1.498	1.497	33.729	26.990	105.79
30	1.600	1.599	33.756	27.004	104.44
35	1.819	1.817	33.801	27.025	102.50
40	1.838	1.836	33.809	27.030	102.11
45	1.825	1.823	33.812	27.033	101.78
50	1.825	1.822	33.814	27.035	101.66
55	0.399	0.397	34.042	27.312	75.23
60	-1.359	-1.360	34.302	27.600	47.61
65	-1.306	-1.307	34.327	27.619	45.80
70	-1.250	-1.252	34.342	27.630	44.81
75	-1.203	-1.205	34.356	27.639	43.94
80	-1.116	-1.119	34.386	27.660	41.88
85	-1.098	-1.100	34.417	27.685	39.58
90	-1.082	-1.085	34.450	27.711	37.07
95	-0.877	-0.879	34.504	27.747	33.72
100	-1.200	-1.203	34.534	27.784	30.14
110	-1.054	-1.057	34.569	27.806	28.02
120	-0.952	-0.956	34.600	27.827	26.03
130	-0.719	-0.723	34.629	27.842	24.73
140	-0.643	-0.648	34.652	27.856	23.34
150	-0.494	-0.499	34.673	27.867	22.37
160	-0.406	-0.411	34.696	27.881	21.06
170	-0.294	-0.300	34.712	27.889	20.36
180	0.056	0.050	34.749	27.901	19.40
190	0.316	0.308	34.785	27.916	18.18
200	0.568	0.559	34.816	27.926	17.35
210	0.721	0.711	34.841	27.937	16.45
220	0.816	0.806	34.858	27.944	15.81
230	0.900	0.889	34.871	27.949	15.46
240	0.938	0.926	34.881	27.955	14.94
250	1.016	1.004	34.891	27.958	14.76
260	1.053	1.040	34.903	27.964	14.18
270	1.048	1.035	34.906	27.968	13.90
280	1.032	1.019	34.909	27.971	13.62
290	1.048	1.035	34.913	27.974	13.40
300	1.064	1.049	34.918	27.976	13.20
310	1.057	1.042	34.922	27.980	12.87
320	1.071	1.056	34.925	27.982	12.75
330	0.994	0.978	34.924	27.986	12.28
340	1.033	1.017	34.927	27.985	12.42
350	1.026	1.009	34.931	27.990	12.04
360	1.002	0.985	34.931	27.991	11.90
370	0.978	0.960	34.933	27.994	11.61
380	0.918	0.900	34.931	27.996	11.39
390	0.899	0.880	34.931	27.998	11.26
400	0.881	0.862	34.931	27.999	11.14
410	0.842	0.823	34.930	28.001	10.95
420	0.796	0.776	34.929	28.003	10.71
430	0.742	0.722	34.929	28.006	10.37
440	0.738	0.718	34.928	28.006	10.43
450	0.724	0.703	34.929	28.008	10.28

B88.353					
depth	temp	theta	salnty	sig_th	delta
460	0.632	0.611	34.925	28.010	9.94
470	0.594	0.573	34.922	28.010	9.91
480	0.569	0.547	34.922	28.012	9.74
490	0.550	0.528	34.919	28.011	9.79
500	0.547	0.524	34.921	28.013	9.66
510	0.541	0.518	34.922	28.014	9.55
520	0.510	0.486	34.921	28.015	9.42
530	0.469	0.446	34.919	28.016	9.29
540	0.443	0.419	34.918	28.017	9.18
550	0.399	0.375	34.917	28.018	9.00
560	0.375	0.350	34.916	28.019	8.89
570	0.345	0.320	34.915	28.019	8.81
580	0.334	0.308	34.915	28.021	8.69
590	0.319	0.293	34.914	28.021	8.66
600	0.308	0.282	34.913	28.021	8.65
610	0.274	0.247	34.913	28.022	8.46
620	0.222	0.195	34.912	28.024	8.19
630	0.200	0.173	34.911	28.025	8.08
640	0.158	0.130	34.909	28.025	7.98
650	0.129	0.101	34.910	28.028	7.71
660	0.096	0.067	34.908	28.029	7.56
670	0.077	0.049	34.908	28.030	7.45
680	0.052	0.023	34.908	28.031	7.32
690	0.025	-0.004	34.907	28.031	7.18
700	0.018	-0.012	34.907	28.032	7.15
710	0.013	-0.017	34.907	28.032	7.11
720	-0.013	-0.043	34.906	28.033	6.97
730	-0.030	-0.061	34.906	28.034	6.84
740	-0.048	-0.080	34.906	28.035	6.73
750	-0.068	-0.100	34.906	28.036	6.56
760	-0.089	-0.122	34.906	28.037	6.44
770	-0.107	-0.140	34.906	28.038	6.31
780	-0.123	-0.156	34.906	28.039	6.20
790	-0.136	-0.169	34.906	28.039	6.12
800	-0.148	-0.181	34.906	28.040	6.03
810	-0.163	-0.197	34.906	28.041	5.91
820	-0.192	-0.226	34.906	28.042	5.68
830	-0.206	-0.241	34.906	28.043	5.58
840	-0.221	-0.256	34.906	28.044	5.47
850	-0.244	-0.280	34.907	28.046	5.23
860	-0.255	-0.290	34.906	28.046	5.19
870	-0.268	-0.304	34.907	28.047	5.08
880	-0.276	-0.313	34.906	28.047	5.03
890	-0.290	-0.327	34.907	28.048	4.85
900	-0.309	-0.346	34.907	28.049	4.75
910	-0.321	-0.359	34.907	28.050	4.61
920	-0.333	-0.372	34.907	28.050	4.54
930	-0.350	-0.389	34.908	28.052	4.36
940	-0.364	-0.403	34.907	28.052	4.32
950	-0.384	-0.424	34.908	28.054	4.07
960	-0.396	-0.436	34.908	28.054	3.98
970	-0.417	-0.457	34.909	28.056	3.73
980	-0.442	-0.483	34.909	28.057	3.55
990	-0.458	-0.499	34.909	28.058	3.44
1000	-0.472	-0.513	34.909	28.059	3.29

B88.353					
depth	temp	theta	salnty	sig_th	delta
1010	-0.484	-0.526	34.909	28.059	3.23
1020	-0.494	-0.537	34.909	28.060	3.13
1030	-0.504	-0.547	34.910	28.061	2.99
1040	-0.513	-0.556	34.910	28.061	2.90

B88.354					
depth	temp	theta	salnty	sig_th	delta
5	1.073	1.072	33.471	26.812	122.63
10	1.071	1.071	33.471	26.811	122.67
15	1.071	1.070	33.469	26.810	122.84
20	1.067	1.066	33.469	26.810	122.81
25	1.057	1.056	33.472	26.813	122.52
30	1.064	1.063	33.469	26.810	122.80
35	1.027	1.025	33.481	26.823	121.61
40	-1.114	-1.115	34.129	27.452	61.79
45	-1.581	-1.582	34.241	27.558	51.66
50	-1.635	-1.636	34.250	27.567	50.81
55	-1.635	-1.637	34.266	27.580	49.52
60	-1.631	-1.633	34.285	27.595	48.08
65	-1.613	-1.614	34.307	27.612	46.41
70	-1.584	-1.586	34.328	27.629	44.80
75	-1.588	-1.589	34.347	27.644	43.34
80	-1.602	-1.604	34.359	27.654	42.37
85	-1.569	-1.571	34.369	27.662	41.64
90	-1.500	-1.502	34.392	27.678	40.04
95	-1.418	-1.421	34.410	27.690	38.93
100	-1.343	-1.346	34.427	27.702	37.83
110	-1.095	-1.098	34.470	27.727	35.47
120	-0.871	-0.875	34.511	27.752	33.16
130	-0.851	-0.855	34.551	27.784	30.16
140	-0.921	-0.926	34.575	27.806	27.95
150	-1.000	-1.004	34.600	27.830	25.69
160	-0.942	-0.947	34.626	27.848	23.96
170	-0.616	-0.622	34.661	27.863	22.69
180	-0.431	-0.437	34.697	27.883	20.82
190	-0.216	-0.223	34.725	27.896	19.76
200	-0.077	-0.085	34.752	27.910	18.46
210	0.132	0.124	34.776	27.919	17.77
220	0.403	0.394	34.804	27.926	17.29
230	0.579	0.569	34.827	27.934	16.67
240	0.788	0.778	34.853	27.942	16.06
250	0.892	0.880	34.873	27.951	15.27
260	1.010	0.998	34.893	27.960	14.58
270	1.037	1.024	34.902	27.965	14.14
280	1.047	1.034	34.908	27.969	13.80
290	1.059	1.045	34.913	27.973	13.48
300	1.065	1.050	34.919	27.977	13.15
310	1.069	1.054	34.922	27.980	12.93
320	1.039	1.024	34.923	27.982	12.70
330	1.036	1.020	34.925	27.984	12.51
340	1.047	1.031	34.930	27.987	12.26
350	1.050	1.033	34.934	27.991	11.99
360	1.038	1.021	34.935	27.992	11.90
370	1.005	0.987	34.937	27.996	11.52
380	0.979	0.961	34.937	27.998	11.34
390	0.917	0.898	34.937	28.002	10.88
400	0.914	0.895	34.937	28.002	10.91
410	0.862	0.843	34.936	28.005	10.60
420	0.807	0.788	34.935	28.007	10.32
430	0.774	0.754	34.933	28.008	10.25
440	0.735	0.715	34.931	28.009	10.16
450	0.716	0.695	34.927	28.007	10.31

B88.354					
depth	temp	theta	salnty	sig_th	delta
460	0.682	0.661	34.927	28.009	10.11
470	0.651	0.629	34.927	28.011	9.94
480	0.619	0.597	34.925	28.012	9.82
490	0.577	0.554	34.925	28.013	9.60
500	0.544	0.521	34.922	28.013	9.58
510	0.499	0.476	34.923	28.017	9.22
520	0.457	0.434	34.920	28.017	9.14
530	0.430	0.406	34.919	28.018	9.06
540	0.409	0.385	34.917	28.018	9.01
550	0.395	0.371	34.916	28.018	9.02
560	0.378	0.353	34.917	28.019	8.88
570	0.352	0.327	34.916	28.020	8.72
580	0.332	0.306	34.916	28.021	8.65
590	0.320	0.294	34.915	28.021	8.63
600	0.296	0.269	34.913	28.021	8.58
610	0.281	0.254	34.914	28.022	8.46
620	0.246	0.219	34.914	28.024	8.22
630	0.227	0.200	34.912	28.025	8.18
640	0.200	0.172	34.912	28.026	8.05
650	0.173	0.144	34.911	28.026	7.93
660	0.153	0.125	34.909	28.026	7.90
670	0.127	0.098	34.909	28.028	7.71
680	0.086	0.057	34.909	28.029	7.49
690	0.047	0.018	34.909	28.032	7.18
700	0.021	-0.009	34.907	28.032	7.12
710	-0.004	-0.035	34.907	28.033	6.95
720	-0.028	-0.058	34.907	28.034	6.81
730	-0.054	-0.085	34.906	28.035	6.68
740	-0.075	-0.106	34.905	28.035	6.61
750	-0.085	-0.117	34.906	28.037	6.49
760	-0.099	-0.131	34.906	28.037	6.41
770	-0.110	-0.142	34.905	28.037	6.41
780	-0.135	-0.168	34.906	28.039	6.12
790	-0.166	-0.199	34.907	28.042	5.83
800	-0.187	-0.221	34.907	28.043	5.66
810	-0.203	-0.237	34.906	28.043	5.60
820	-0.230	-0.264	34.907	28.045	5.34
830	-0.247	-0.281	34.907	28.046	5.23
840	-0.263	-0.298	34.907	28.046	5.12
850	-0.275	-0.310	34.907	28.047	5.00
860	-0.291	-0.327	34.908	28.049	4.85
870	-0.310	-0.347	34.908	28.050	4.70
880	-0.335	-0.371	34.908	28.051	4.50
890	-0.355	-0.392	34.909	28.053	4.30
900	-0.368	-0.405	34.908	28.053	4.23
910	-0.384	-0.421	34.908	28.054	4.10
920	-0.396	-0.433	34.908	28.054	4.00
930	-0.408	-0.447	34.909	28.056	3.82
940	-0.413	-0.452	34.909	28.056	3.81
950	-0.438	-0.477	34.910	28.058	3.54
960	-0.450	-0.489	34.910	28.058	3.44
970	-0.464	-0.504	34.910	28.059	3.30
980	-0.485	-0.525	34.911	28.060	3.12
990	-0.495	-0.536	34.910	28.060	3.12
1000	-0.507	-0.548	34.911	28.062	2.90

B88.354					
depth	temp	theta	salnty	sig_th	delta
1010	-0.526	-0.567	34.911	28.063	2.73
1020	-0.554	-0.596	34.912	28.065	2.47
1030	-0.569	-0.611	34.911	28.065	2.39
1040	-0.578	-0.620	34.911	28.065	2.35
1050	-0.583	-0.626	34.912	28.066	2.22
1060	-0.585	-0.628	34.911	28.066	2.23
1070	-0.601	-0.645	34.912	28.067	2.04
1080	-0.608	-0.652	34.912	28.067	2.01
1090	-0.634	-0.679	34.913	28.069	1.73
1100	-0.642	-0.687	34.912	28.069	1.68
1110	-0.677	-0.722	34.914	28.072	1.29
1120	-0.701	-0.746	34.914	28.073	1.13
1130	-0.705	-0.751	34.913	28.073	1.09

B88.355					
depth	temp	theta	salnty	sig_th	delta
10	0.489	0.489	32.444	26.019	197.84
15	0.488	0.488	32.422	26.002	199.50
20	0.488	0.487	32.424	26.003	199.36
25	0.426	0.425	32.627	26.170	183.50
30	0.428	0.427	32.672	26.206	180.09
35	0.649	0.648	32.765	26.269	174.11
40	0.627	0.626	32.937	26.409	160.81
45	0.474	0.472	33.232	26.655	137.47
50	-0.179	-0.181	33.570	26.961	108.36
55	-0.919	-0.921	33.825	27.198	85.78
60	-1.459	-1.460	34.110	27.448	62.01
65	-1.625	-1.627	34.201	27.527	54.48
70	-1.627	-1.629	34.213	27.536	53.58
75	-1.621	-1.622	34.230	27.550	52.24
80	-1.607	-1.609	34.246	27.563	50.98
85	-1.596	-1.598	34.256	27.571	50.22
90	-1.565	-1.567	34.274	27.584	48.93
95	-1.466	-1.468	34.312	27.612	46.27
100	-1.202	-1.205	34.340	27.626	45.02
110	-1.390	-1.393	34.382	27.666	41.15
120	-1.340	-1.343	34.404	27.683	39.54
130	-1.151	-1.155	34.431	27.698	38.09
140	-0.967	-0.971	34.467	27.720	36.08
150	-0.890	-0.894	34.499	27.743	33.91
160	-0.765	-0.770	34.538	27.769	31.45
170	-0.619	-0.625	34.563	27.784	30.13
180	-0.539	-0.545	34.608	27.816	27.11
190	-0.458	-0.464	34.636	27.835	25.34
200	-0.377	-0.384	34.663	27.854	23.64
210	-0.196	-0.204	34.686	27.864	22.79
220	-0.099	-0.107	34.715	27.882	21.14
230	0.075	0.066	34.747	27.899	19.64
240	0.192	0.182	34.770	27.911	18.61
250	0.511	0.500	34.812	27.926	17.40
260	0.629	0.618	34.831	27.934	16.72
270	0.618	0.606	34.838	27.941	16.12
280	0.736	0.723	34.855	27.947	15.60
290	0.860	0.846	34.873	27.954	15.12
300	0.875	0.861	34.884	27.961	14.46
310	0.921	0.907	34.892	27.965	14.20
320	0.967	0.952	34.901	27.970	13.80
330	0.957	0.942	34.906	27.974	13.40
340	0.936	0.920	34.912	27.980	12.86
350	0.965	0.949	34.914	27.980	12.91
360	0.898	0.882	34.913	27.983	12.55
370	0.844	0.827	34.910	27.985	12.35
380	0.818	0.800	34.893	27.973	13.48
390	0.869	0.851	34.912	27.985	12.43
400	0.829	0.810	34.916	27.990	11.90
410	0.776	0.757	34.914	27.992	11.70
420	0.833	0.813	34.918	27.992	11.84
430	0.923	0.903	34.927	27.993	11.84
440	0.910	0.889	34.931	27.998	11.42
450	0.883	0.862	34.931	27.999	11.28
460	0.857	0.835	34.932	28.001	11.05

B88.355					
depth	temp	theta	salnty	sig_th	delta
470	0.825	0.803	34.932	28.004	10.79
480	0.794	0.772	34.931	28.005	10.70
490	0.739	0.716	34.929	28.007	10.41
500	0.710	0.687	34.928	28.008	10.35
510	0.676	0.652	34.926	28.009	10.21
520	0.648	0.624	34.924	28.009	10.19
530	0.601	0.576	34.923	28.011	9.97
540	0.549	0.524	34.920	28.012	9.80
550	0.499	0.474	34.919	28.014	9.53
560	0.465	0.439	34.917	28.014	9.50
570	0.432	0.406	34.915	28.015	9.37
580	0.401	0.375	34.915	28.017	9.18
590	0.381	0.354	34.913	28.016	9.17
600	0.339	0.312	34.912	28.018	8.97
610	0.312	0.285	34.911	28.019	8.83
620	0.282	0.255	34.911	28.020	8.67
630	0.267	0.239	34.910	28.021	8.61
640	0.235	0.207	34.910	28.022	8.40
650	0.202	0.173	34.908	28.023	8.33
660	0.169	0.140	34.908	28.024	8.12
670	0.135	0.105	34.908	28.026	7.89
680	0.112	0.083	34.907	28.027	7.79
690	0.096	0.066	34.906	28.027	7.75
700	0.068	0.038	34.905	28.028	7.63
710	0.044	0.014	34.905	28.029	7.50
720	0.032	0.001	34.904	28.029	7.45
730	0.014	-0.017	34.904	28.030	7.34
740	-0.012	-0.044	34.904	28.031	7.13
750	-0.027	-0.059	34.903	28.032	7.08
760	-0.046	-0.079	34.904	28.033	6.93
770	-0.064	-0.096	34.903	28.033	6.83
780	-0.083	-0.116	34.903	28.035	6.68
790	-0.101	-0.134	34.904	28.036	6.51
800	-0.111	-0.145	34.904	28.036	6.46
810	-0.126	-0.160	34.903	28.037	6.36
820	-0.135	-0.170	34.904	28.037	6.29
830	-0.152	-0.188	34.904	28.039	6.12
840	-0.175	-0.211	34.903	28.039	6.00
850	-0.193	-0.229	34.904	28.041	5.79
860	-0.208	-0.245	34.904	28.042	5.70
870	-0.220	-0.257	34.904	28.042	5.59
880	-0.239	-0.276	34.905	28.044	5.39
890	-0.249	-0.286	34.905	28.044	5.33
900	-0.258	-0.296	34.905	28.045	5.23
910	-0.268	-0.306	34.905	28.046	5.13
920	-0.278	-0.317	34.906	28.047	5.02
930	-0.293	-0.332	34.905	28.047	4.96
940	-0.302	-0.341	34.905	28.047	4.87
950	-0.312	-0.352	34.906	28.049	4.73
960	-0.330	-0.371	34.906	28.049	4.62
970	-0.347	-0.388	34.906	28.051	4.43
980	-0.355	-0.396	34.906	28.051	4.39
990	-0.364	-0.406	34.905	28.051	4.37
1000	-0.388	-0.430	34.907	28.053	4.09
1010	-0.397	-0.440	34.908	28.054	3.92

B88.355					
depth	temp	theta	salnty	sig_th	delta
1020	-0.402	-0.445	34.907	28.054	3.93
1030	-0.412	-0.456	34.907	28.054	3.86
1040	-0.422	-0.466	34.907	28.055	3.75
1050	-0.435	-0.479	34.908	28.056	3.61
1060	-0.453	-0.498	34.908	28.057	3.45
1070	-0.463	-0.508	34.908	28.058	3.36
1080	-0.474	-0.519	34.908	28.058	3.26
1090	-0.485	-0.531	34.909	28.059	3.11
1100	-0.495	-0.541	34.909	28.060	3.03
1110	-0.500	-0.547	34.908	28.060	3.01
1120	-0.510	-0.558	34.909	28.060	2.88
1130	-0.524	-0.572	34.909	28.061	2.73
1140	-0.535	-0.583	34.909	28.062	2.64
1150	-0.545	-0.594	34.909	28.063	2.54
1160	-0.550	-0.599	34.909	28.063	2.47
1170	-0.560	-0.609	34.909	28.063	2.40
1180	-0.571	-0.620	34.909	28.064	2.30
1190	-0.579	-0.629	34.910	28.065	2.18
1200	-0.582	-0.632	34.910	28.065	2.14
1210	-0.591	-0.642	34.910	28.066	2.02
1220	-0.596	-0.647	34.909	28.065	2.06
1230	-0.605	-0.657	34.910	28.066	1.87
1240	-0.608	-0.660	34.910	28.066	1.86
1250	-0.618	-0.671	34.910	28.067	1.77
1260	-0.634	-0.688	34.910	28.067	1.63
1270	-0.645	-0.699	34.911	28.069	1.47
1280	-0.658	-0.712	34.911	28.069	1.33
1290	-0.674	-0.728	34.911	28.070	1.16
1300	-0.681	-0.736	34.911	28.071	1.10
1310	-0.690	-0.745	34.910	28.070	1.08
1320	-0.699	-0.755	34.911	28.071	0.92
1330	-0.708	-0.764	34.912	28.072	0.81
1340	-0.714	-0.771	34.912	28.072	0.74
1350	-0.716	-0.774	34.911	28.072	0.74
1360	-0.718	-0.776	34.910	28.072	0.77
1370	-0.723	-0.781	34.911	28.072	0.66
1380	-0.722	-0.781	34.911	28.072	0.65
1390	-0.724	-0.783	34.911	28.073	0.60

B88.356					
depth	temp	theta	salnty	sig_th	delta
5	0.189	0.189	31.458	25.239	272.00
10	0.183	0.183	31.412	25.202	275.45
15	0.176	0.176	31.400	25.193	276.33
20	0.182	0.182	31.450	25.233	272.52
25	0.148	0.147	31.516	25.288	267.29
30	0.089	0.088	31.617	25.372	259.24
35	0.024	0.023	31.856	25.568	240.61
40	0.043	0.042	31.951	25.644	233.38
45	0.039	0.037	32.032	25.709	227.14
50	0.042	0.040	32.072	25.741	224.08
55	-0.023	-0.024	32.288	25.918	207.21
60	-0.162	-0.163	32.407	26.021	197.45
65	-0.150	-0.152	32.444	26.050	194.66
70	-0.191	-0.193	32.509	26.104	189.49
75	-0.285	-0.287	32.575	26.162	183.99
80	-0.356	-0.358	32.624	26.204	179.95
85	-0.373	-0.376	32.701	26.267	173.98
90	-0.294	-0.297	32.733	26.290	171.80
95	0.446	0.442	33.030	26.494	152.67
100	-0.219	-0.222	33.184	26.651	137.60
110	-0.999	-1.002	33.430	26.881	115.48
120	-1.335	-1.338	33.684	27.098	94.78
130	-1.447	-1.450	33.878	27.259	79.48
140	-1.610	-1.613	34.019	27.378	68.12
150	-1.599	-1.603	34.058	27.410	65.06
160	-1.579	-1.582	34.118	27.458	60.48
170	-1.575	-1.579	34.204	27.528	53.81
180	-1.567	-1.571	34.226	27.545	52.15
190	-1.531	-1.536	34.257	27.570	49.77
200	-1.548	-1.553	34.286	27.594	47.46
210	-1.532	-1.537	34.337	27.635	43.54
220	-1.577	-1.582	34.373	27.665	40.61
230	-1.324	-1.330	34.417	27.693	38.12
240	-1.137	-1.143	34.455	27.717	35.94
250	-0.945	-0.952	34.496	27.743	33.57
260	-0.800	-0.808	34.530	27.765	31.61
270	-0.790	-0.799	34.564	27.792	29.03
280	-0.680	-0.689	34.593	27.811	27.29
290	-0.533	-0.543	34.624	27.829	25.68
300	-0.355	-0.366	34.657	27.848	24.08
310	-0.214	-0.225	34.683	27.862	22.88
320	-0.125	-0.137	34.703	27.874	21.81
330	-0.027	-0.040	34.727	27.888	20.56
340	0.149	0.135	34.758	27.904	19.24
350	0.251	0.237	34.779	27.915	18.33
360	0.416	0.401	34.809	27.930	17.10
370	0.422	0.407	34.816	27.935	16.63
380	0.565	0.548	34.831	27.939	16.43
390	0.760	0.742	34.855	27.946	15.99
400	0.725	0.707	34.866	27.957	14.91
410	0.757	0.738	34.873	27.960	14.67
420	0.708	0.689	34.875	27.965	14.16
430	0.770	0.750	34.881	27.966	14.16
440	0.844	0.823	34.891	27.970	13.95
450	0.866	0.844	34.898	27.974	13.62

B88.356					
depth	temp	theta	salnty	sig_th	delta
460	0.864	0.842	34.899	27.975	13.53
470	0.887	0.865	34.906	27.979	13.20
480	0.876	0.853	34.909	27.982	12.95
490	0.856	0.833	34.908	27.983	12.87
500	0.831	0.807	34.908	27.985	12.68
510	0.785	0.761	34.906	27.986	12.52
520	0.799	0.774	34.908	27.987	12.49
530	0.787	0.762	34.909	27.988	12.38
540	0.788	0.763	34.913	27.991	12.11
550	0.802	0.776	34.915	27.992	12.09
560	0.857	0.830	34.923	27.995	11.92
570	0.859	0.831	34.926	27.998	11.67
580	0.814	0.786	34.923	27.997	11.63
590	0.750	0.722	34.923	28.002	11.13
600	0.723	0.694	34.923	28.004	10.95
610	0.694	0.665	34.922	28.005	10.83
620	0.668	0.639	34.921	28.005	10.75
630	0.651	0.621	34.920	28.006	10.71
640	0.643	0.613	34.921	28.007	10.61
650	0.625	0.594	34.921	28.008	10.45
660	0.564	0.533	34.917	28.009	10.30
670	0.524	0.493	34.918	28.012	9.91
680	0.462	0.431	34.917	28.015	9.56
690	0.423	0.391	34.916	28.016	9.38
700	0.389	0.357	34.913	28.016	9.33
710	0.369	0.337	34.913	28.017	9.22
720	0.352	0.319	34.912	28.018	9.15
730	0.298	0.265	34.912	28.021	8.77
740	0.256	0.223	34.910	28.021	8.64
750	0.236	0.203	34.911	28.023	8.39
760	0.187	0.153	34.909	28.024	8.20
770	0.162	0.127	34.909	28.026	8.03
780	0.158	0.123	34.907	28.025	8.13
790	0.153	0.118	34.908	28.025	8.06
800	0.143	0.107	34.908	28.026	8.00

B88.357					
depth	temp	theta	salnty	sig_th	delta
5	0.058	0.058	30.056	24.114	379.12
10	0.053	0.053	30.055	24.114	379.08
15	0.050	0.049	30.060	24.118	378.68
20	0.099	0.098	30.110	24.156	375.00
25	0.348	0.347	30.331	24.324	358.97
30	0.318	0.317	30.394	24.376	354.03
35	0.360	0.359	30.436	24.408	350.94
40	0.440	0.439	30.479	24.440	347.93
45	0.749	0.747	30.662	24.571	335.39
50	0.871	0.869	30.819	24.692	323.93
55	0.814	0.811	30.980	24.824	311.35
60	0.381	0.379	31.583	25.331	263.00
65	0.354	0.351	31.672	25.404	256.08
70	0.312	0.310	31.733	25.455	251.19
75	0.217	0.214	31.817	25.527	244.30
80	0.074	0.071	31.905	25.605	236.86
85	0.027	0.024	31.967	25.657	231.86
90	0.020	0.017	32.030	25.708	227.02
95	-0.039	-0.042	32.221	25.865	212.11
100	-0.149	-0.152	32.381	25.999	199.34
110	-0.585	-0.588	32.739	26.306	170.08
120	-0.912	-0.915	32.971	26.506	150.94
130	-0.704	-0.707	33.254	26.727	130.07
140	-0.341	-0.345	33.370	26.806	122.71
150	-0.112	-0.117	33.436	26.849	118.68
160	-0.099	-0.104	33.602	26.982	106.09
170	-0.529	-0.535	33.794	27.158	89.29
180	-0.706	-0.711	33.987	27.321	73.73
190	-0.750	-0.755	34.093	27.408	65.43
200	-0.710	-0.716	34.209	27.501	56.70
210	-0.816	-0.822	34.294	27.574	49.72
220	-0.740	-0.747	34.328	27.599	47.40
230	-0.711	-0.719	34.360	27.623	45.06
240	-0.735	-0.743	34.371	27.633	44.11
250	-0.798	-0.805	34.398	27.658	41.70
260	-0.863	-0.871	34.422	27.680	39.53
270	-0.779	-0.788	34.477	27.721	35.70
280	-0.499	-0.508	34.586	27.797	28.78
290	-0.009	-0.020	34.682	27.851	24.12

B88.358					
depth	temp	theta	salnty	sig_th	delta
5	0.546	0.546	30.451	24.412	350.74
10	0.570	0.570	30.449	24.409	351.01
15	0.602	0.602	30.552	24.491	343.21
20	0.616	0.615	30.563	24.498	342.46
25	0.615	0.614	30.558	24.494	342.81
30	0.609	0.608	30.561	24.497	342.53
35	0.641	0.640	30.570	24.503	341.93
40	0.680	0.678	30.579	24.508	341.44
45	0.699	0.697	30.589	24.516	340.69
50	0.673	0.671	30.610	24.533	338.97
55	0.695	0.693	30.669	24.580	334.53
60	0.803	0.801	31.148	24.959	298.43
65	0.874	0.872	31.335	25.107	284.44
70	0.593	0.590	31.540	25.286	267.35
75	0.274	0.271	31.843	25.546	242.56
80	0.114	0.111	32.033	25.707	227.24
85	-0.003	-0.006	32.169	25.822	216.28
90	-0.149	-0.152	32.298	25.932	205.73
95	-0.307	-0.310	32.464	26.073	192.30
100	-0.506	-0.509	32.589	26.182	181.93
110	-1.264	-1.266	32.786	26.367	164.05
120	-1.237	-1.240	32.919	26.474	153.88
130	-1.277	-1.280	33.020	26.558	145.86
140	-1.389	-1.393	33.182	26.692	133.04
150	-1.267	-1.270	33.380	26.849	118.21
160	-0.939	-0.944	33.600	27.017	102.46
170	-0.717	-0.722	33.808	27.177	87.39
180	-0.703	-0.708	33.874	27.230	82.36
190	-0.729	-0.735	34.008	27.339	72.02
200	-0.850	-0.856	34.089	27.409	65.26
210	-0.986	-0.992	34.193	27.499	56.66
220	-0.914	-0.921	34.234	27.530	53.79
230	-0.733	-0.740	34.277	27.557	51.29
240	-0.647	-0.655	34.339	27.604	46.91
250	-0.606	-0.614	34.379	27.634	44.10
260	-0.599	-0.608	34.417	27.665	41.15
270	-0.585	-0.594	34.443	27.685	39.23
280	-0.554	-0.563	34.496	27.726	35.36
290	-0.528	-0.538	34.523	27.747	33.38

B88.359					
depth	temp	theta	salnty	sig_th	delta
5	0.070	0.070	30.215	24.242	366.93
10	0.102	0.102	30.183	24.215	369.46
15	0.242	0.241	30.271	24.280	363.24
20	0.346	0.345	30.334	24.326	358.82
25	0.413	0.412	30.424	24.396	352.15
30	0.416	0.415	30.491	24.450	347.01
35	0.592	0.591	30.547	24.487	343.44
40	0.654	0.653	30.607	24.532	339.14
45	0.353	0.351	31.283	25.091	285.94
50	0.285	0.283	31.441	25.221	273.47
55	0.314	0.312	31.598	25.346	261.58
60	0.140	0.138	31.873	25.576	239.74
65	-0.151	-0.153	32.264	25.904	208.49
70	-0.641	-0.643	32.801	26.359	165.27
75	-0.741	-0.743	32.951	26.484	153.37
80	-0.803	-0.805	33.018	26.540	147.98
85	-0.818	-0.820	33.048	26.565	145.61
90	-0.760	-0.762	33.110	26.613	141.04
95	-0.761	-0.763	33.150	26.646	137.94
100	-0.811	-0.814	33.302	26.770	126.09
110	-0.862	-0.865	33.484	26.920	111.87
120	-0.871	-0.875	33.580	26.998	104.44
130	-0.802	-0.806	34.002	27.337	72.36

B88.361					
depth	temp	theta	salnty	sig_th	delta
5	0.202	0.201	31.490	25.265	269.55
10	0.195	0.194	31.476	25.254	270.59
15	0.184	0.184	31.460	25.241	271.75
20	0.179	0.178	31.445	25.229	272.89
25	0.193	0.192	31.505	25.277	268.30
30	0.208	0.207	31.540	25.304	265.69
35	0.215	0.214	31.602	25.354	260.91
40	0.189	0.188	31.638	25.385	258.00
45	0.007	0.006	32.204	25.849	213.81
50	-0.201	-0.202	32.351	25.977	201.65
55	-0.224	-0.225	32.474	26.077	192.10
60	-0.080	-0.081	32.639	26.204	180.09
65	-0.321	-0.323	32.814	26.356	165.62
70	-0.369	-0.371	32.893	26.422	159.30
75	-0.495	-0.497	32.944	26.469	154.84
80	-0.742	-0.745	33.068	26.579	144.34
85	-1.024	-1.026	33.167	26.669	135.74
90	-1.109	-1.111	33.246	26.736	129.32
95	-0.975	-0.978	33.362	26.825	120.92
100	-0.802	-0.805	33.515	26.943	109.77
110	-1.329	-1.332	33.813	27.202	85.00
120	-1.367	-1.370	34.081	27.421	64.26
130	-1.317	-1.320	34.127	27.457	60.81
140	-1.234	-1.237	34.214	27.525	54.41
150	-1.165	-1.169	34.274	27.571	50.05
160	-1.124	-1.128	34.312	27.601	47.22
170	-1.049	-1.054	34.366	27.641	43.36
180	-0.974	-0.980	34.421	27.684	39.38
190	-0.918	-0.924	34.441	27.698	38.07
200	-0.782	-0.789	34.485	27.728	35.29
210	-0.680	-0.686	34.520	27.752	33.06
220	-0.533	-0.541	34.565	27.782	30.28
230	-0.394	-0.402	34.614	27.815	27.22
240	-0.287	-0.295	34.663	27.849	24.07
250	-0.495	-0.503	34.678	27.871	21.81
260	-0.042	-0.052	34.717	27.881	21.25
270	0.127	0.116	34.750	27.898	19.74
280	0.293	0.281	34.781	27.914	18.41
290	0.478	0.466	34.809	27.926	17.44
300	0.515	0.502	34.821	27.933	16.76
310	0.684	0.671	34.841	27.939	16.38
320	0.800	0.785	34.859	27.947	15.81
330	0.868	0.853	34.871	27.951	15.45
340	0.946	0.930	34.884	27.957	15.04
350	0.994	0.977	34.895	27.962	14.57
360	1.006	0.989	34.899	27.965	14.33
370	1.028	1.010	34.904	27.968	14.16
380	1.038	1.019	34.910	27.972	13.82
390	1.026	1.007	34.912	27.974	13.64
400	0.997	0.978	34.913	27.977	13.31
410	1.024	1.004	34.920	27.981	13.01
420	1.041	1.021	34.924	27.983	12.85
430	1.041	1.020	34.928	27.986	12.64
440	1.038	1.017	34.930	27.988	12.45
450	1.039	1.017	34.933	27.991	12.27

B88.361					
depth	temp	theta	salnty	sig_th	delta
460	1.038	1.015	34.935	27.992	12.15
470	1.045	1.022	34.937	27.993	12.08
480	1.015	0.991	34.939	27.997	11.74
490	1.005	0.981	34.938	27.997	11.74
500	0.976	0.951	34.937	27.998	11.63
510	0.941	0.916	34.937	28.001	11.34
520	0.919	0.894	34.937	28.002	11.25
530	0.890	0.864	34.936	28.003	11.07
540	0.856	0.830	34.935	28.004	10.96
550	0.824	0.798	34.934	28.006	10.82
560	0.781	0.754	34.932	28.007	10.65
570	0.742	0.715	34.929	28.007	10.58
580	0.683	0.656	34.928	28.010	10.26
590	0.645	0.618	34.927	28.012	10.07
600	0.614	0.586	34.924	28.011	10.10
610	0.574	0.545	34.922	28.012	9.96
620	0.527	0.499	34.921	28.014	9.66
630	0.495	0.466	34.919	28.015	9.59
640	0.466	0.437	34.918	28.016	9.45
650	0.417	0.388	34.917	28.017	9.22
660	0.388	0.358	34.915	28.018	9.14
670	0.362	0.332	34.914	28.019	9.01
680	0.328	0.298	34.914	28.020	8.85
690	0.314	0.283	34.914	28.021	8.75
700	0.293	0.262	34.912	28.021	8.73
710	0.272	0.240	34.912	28.022	8.54
720	0.231	0.199	34.911	28.024	8.34
730	0.201	0.168	34.910	28.024	8.23
740	0.163	0.130	34.910	28.027	7.93
750	0.131	0.097	34.909	28.028	7.75
760	0.098	0.064	34.909	28.029	7.56
770	0.064	0.031	34.908	28.030	7.40
780	0.044	0.010	34.907	28.031	7.33
790	0.019	-0.016	34.907	28.032	7.14
800	0.003	-0.031	34.907	28.033	7.05
810	-0.012	-0.047	34.906	28.033	6.99
820	-0.032	-0.067	34.906	28.034	6.81
830	-0.053	-0.089	34.907	28.036	6.63
840	-0.070	-0.107	34.905	28.036	6.59
850	-0.084	-0.120	34.906	28.037	6.44
860	-0.108	-0.145	34.908	28.040	6.13
870	-0.118	-0.155	34.905	28.038	6.26
880	-0.140	-0.178	34.906	28.039	6.06
890	-0.154	-0.193	34.906	28.040	5.95
900	-0.170	-0.208	34.906	28.041	5.84
910	-0.184	-0.223	34.906	28.042	5.73
920	-0.208	-0.248	34.906	28.043	5.53
930	-0.221	-0.260	34.906	28.044	5.38
940	-0.232	-0.272	34.906	28.045	5.31
950	-0.249	-0.290	34.907	28.046	5.11
960	-0.258	-0.299	34.907	28.047	5.02
970	-0.269	-0.311	34.907	28.047	4.96
980	-0.272	-0.314	34.907	28.047	4.94
990	-0.290	-0.332	34.908	28.049	4.72
1000	-0.299	-0.341	34.908	28.049	4.66

B88.361					
depth	temp	theta	salnty	sig_th	delta
1010	-0.308	-0.351	34.907	28.050	4.61
1020	-0.312	-0.356	34.908	28.050	4.53
1030	-0.321	-0.365	34.908	28.051	4.44
1040	-0.329	-0.374	34.907	28.050	4.45
1050	-0.343	-0.388	34.908	28.052	4.28
1060	-0.352	-0.397	34.908	28.052	4.20
1070	-0.367	-0.413	34.909	28.054	4.00
1080	-0.378	-0.424	34.908	28.054	3.95
1090	-0.385	-0.432	34.909	28.054	3.87
1100	-0.390	-0.438	34.908	28.054	3.87
1110	-0.402	-0.449	34.909	28.056	3.68
1120	-0.411	-0.459	34.909	28.056	3.57
1130	-0.417	-0.466	34.909	28.056	3.54
1140	-0.425	-0.474	34.910	28.057	3.41
1150	-0.428	-0.478	34.909	28.057	3.40
1160	-0.439	-0.488	34.910	28.059	3.25
1170	-0.449	-0.500	34.911	28.059	3.12
1180	-0.461	-0.512	34.911	28.060	3.00
1190	-0.471	-0.522	34.911	28.061	2.88
1200	-0.488	-0.539	34.912	28.062	2.72
1210	-0.495	-0.547	34.911	28.062	2.70
1220	-0.499	-0.552	34.911	28.062	2.63
1230	-0.507	-0.560	34.911	28.063	2.55
1240	-0.520	-0.573	34.911	28.063	2.47
1250	-0.531	-0.585	34.911	28.063	2.38
1260	-0.541	-0.595	34.910	28.064	2.32
1270	-0.555	-0.609	34.911	28.065	2.14
1280	-0.563	-0.618	34.911	28.065	2.06
1290	-0.569	-0.624	34.911	28.066	1.99
1300	-0.574	-0.630	34.912	28.066	1.89
1310	-0.580	-0.637	34.912	28.067	1.78
1320	-0.584	-0.641	34.913	28.067	1.73
1330	-0.585	-0.643	34.912	28.067	1.71
1340	-0.592	-0.650	34.913	28.068	1.61
1350	-0.606	-0.664	34.912	28.068	1.52
1360	-0.615	-0.673	34.912	28.069	1.45
1370	-0.626	-0.685	34.912	28.069	1.33
1380	-0.633	-0.693	34.914	28.071	1.16
1390	-0.637	-0.698	34.914	28.071	1.12
1400	-0.639	-0.700	34.913	28.071	1.10
1410	-0.646	-0.707	34.913	28.071	1.03
1420	-0.681	-0.742	34.915	28.074	0.60
1430	-0.698	-0.760	34.913	28.073	0.62
1440	-0.701	-0.763	34.913	28.073	0.54

B88.363					
depth	temp	theta	salnty	sig_th	delta
5	0.851	0.851	33.790	27.082	97.05
10	0.864	0.864	33.797	27.087	96.53
15	0.907	0.906	33.804	27.089	96.31
20	0.915	0.914	33.807	27.092	96.11
25	0.908	0.907	33.804	27.090	96.30
30	0.931	0.930	33.806	27.090	96.30
35	0.944	0.943	33.813	27.095	95.85
40	0.984	0.982	33.820	27.098	95.52
45	1.151	1.149	33.832	27.096	95.71
50	1.175	1.173	33.853	27.112	94.25
55	1.322	1.319	33.880	27.124	93.15
60	2.079	2.076	33.957	27.130	92.69
65	2.184	2.180	34.023	27.175	88.50
70	2.609	2.605	34.120	27.217	84.59
75	2.720	2.715	34.163	27.242	82.30
80	2.760	2.756	34.176	27.249	81.68
85	2.842	2.837	34.196	27.258	80.85
90	2.902	2.896	34.215	27.268	80.01
95	3.048	3.042	34.285	27.310	76.07
100	3.566	3.559	34.500	27.433	64.62
110	4.033	4.025	34.821	27.641	45.18
120	3.614	3.606	34.871	27.724	37.35
130	3.358	3.350	34.878	27.755	34.44
140	2.900	2.892	34.860	27.783	31.66
150	2.207	2.198	34.831	27.820	27.95
160	1.482	1.474	34.774	27.831	26.68
170	0.878	0.871	34.754	27.856	24.04
180	0.254	0.247	34.737	27.881	21.44
190	0.153	0.146	34.724	27.876	21.84
200	0.024	0.016	34.731	27.889	20.58
210	-0.096	-0.103	34.736	27.899	19.53
220	0.063	0.054	34.752	27.903	19.21
230	0.138	0.129	34.765	27.910	18.66
240	0.192	0.182	34.774	27.914	18.30
250	0.175	0.165	34.789	27.927	17.08
260	0.035	0.025	34.798	27.942	15.57
270	0.192	0.181	34.818	27.950	14.94
280	0.274	0.262	34.832	27.956	14.40
290	0.407	0.395	34.847	27.961	14.10
300	0.439	0.426	34.857	27.967	13.55
310	0.481	0.467	34.862	27.969	13.44
320	0.250	0.237	34.871	27.989	11.34
330	0.582	0.567	34.886	27.981	12.37
340	0.409	0.395	34.886	27.992	11.20
350	0.434	0.419	34.890	27.994	11.07
360	0.433	0.418	34.891	27.995	11.01
370	0.378	0.362	34.891	27.998	10.62
380	0.358	0.341	34.907	28.012	9.30
390	0.358	0.341	34.902	28.008	9.70
400	0.264	0.247	34.898	28.011	9.36
410	0.367	0.349	34.906	28.011	9.44
420	0.363	0.345	34.911	28.015	9.07
430	0.328	0.309	34.912	28.018	8.77
440	0.287	0.269	34.911	28.019	8.60
450	0.230	0.211	34.910	28.022	8.31

B88.363					
depth	temp	theta	salnty	sig_th	delta
460	0.139	0.119	34.905	28.023	8.09
470	0.121	0.102	34.904	28.023	8.03
480	0.112	0.092	34.902	28.022	8.14
490	0.058	0.038	34.903	28.026	7.71
500	0.050	0.030	34.901	28.024	7.84
510	-0.023	-0.044	34.902	28.030	7.25
520	-0.050	-0.071	34.900	28.030	7.22
530	-0.118	-0.139	34.899	28.032	6.89
540	-0.104	-0.126	34.902	28.033	6.77
550	-0.123	-0.145	34.902	28.035	6.59
560	-0.130	-0.153	34.903	28.036	6.47
570	-0.159	-0.182	34.904	28.038	6.24
580	-0.170	-0.193	34.903	28.038	6.24
590	-0.192	-0.215	34.904	28.040	6.03
600	-0.216	-0.240	34.904	28.041	5.84
610	-0.229	-0.254	34.905	28.043	5.69
620	-0.259	-0.284	34.905	28.045	5.43
630	-0.288	-0.313	34.905	28.046	5.30
640	-0.313	-0.338	34.905	28.047	5.13
650	-0.323	-0.349	34.904	28.047	5.08
660	-0.344	-0.370	34.905	28.049	4.86
670	-0.364	-0.390	34.905	28.049	4.77
680	-0.391	-0.418	34.905	28.051	4.52
690	-0.429	-0.456	34.906	28.054	4.22
700	-0.450	-0.477	34.908	28.056	3.91
710	-0.476	-0.503	34.907	28.057	3.83
720	-0.500	-0.528	34.908	28.059	3.57
730	-0.526	-0.554	34.909	28.061	3.32
740	-0.538	-0.566	34.908	28.061	3.28
750	-0.541	-0.570	34.908	28.060	3.29
760	-0.542	-0.572	34.909	28.061	3.19
770	-0.543	-0.573	34.908	28.061	3.20

B88.365					
depth	temp	theta	salnty	sig_th	delta
5	1.733	1.733	33.507	26.795	124.23
10	1.732	1.732	33.448	26.748	128.72
15	1.738	1.737	33.427	26.731	130.33
20	1.736	1.735	33.422	26.727	130.69
25	1.755	1.754	33.423	26.727	130.78
30	1.754	1.752	33.423	26.727	130.79
35	1.916	1.915	33.464	26.748	128.79
40	2.819	2.816	33.723	26.882	116.24
45	3.671	3.668	34.009	27.031	102.21
50	3.712	3.708	34.050	27.060	99.50
55	3.768	3.764	34.070	27.070	98.61
60	4.055	4.051	34.125	27.085	97.32
65	4.156	4.151	34.164	27.105	95.42
70	4.207	4.202	34.175	27.109	95.14
75	4.225	4.219	34.190	27.119	94.22
80	3.343	3.338	34.163	27.186	87.76
85	1.666	1.662	34.130	27.300	76.61
90	1.530	1.526	34.132	27.311	75.53
95	0.799	0.795	34.162	27.385	68.43
100	3.237	3.230	34.381	27.370	70.54
110	5.186	5.177	34.734	27.444	64.11
120	4.432	4.423	34.720	27.519	56.98
130	3.645	3.636	34.671	27.562	52.74
140	3.174	3.165	34.670	27.606	48.46
150	2.312	2.304	34.624	27.646	44.47
160	0.846	0.839	34.555	27.698	38.94
170	1.494	1.485	34.597	27.688	40.26
180	1.589	1.580	34.648	27.721	37.14
190	2.032	2.021	34.737	27.759	33.83
200	1.841	1.830	34.789	27.816	28.46
210	1.430	1.419	34.811	27.864	23.71
220	0.952	0.941	34.814	27.900	20.12

B88.366					
depth	temp	theta	salnty	sig_th	delta
5	0.824	0.823	33.136	26.557	146.77
10	0.809	0.808	33.123	26.548	147.64
15	0.831	0.830	33.130	26.552	147.26
20	0.852	0.852	33.142	26.561	146.46
25	0.881	0.880	33.153	26.567	145.82
30	1.064	1.063	33.248	26.633	139.65
35	1.666	1.664	33.513	26.805	123.35
40	2.381	2.379	33.691	26.894	115.06
45	2.275	2.272	33.738	26.940	110.71
50	2.640	2.637	33.855	27.003	104.80
55	2.733	2.730	33.926	27.051	100.25
60	2.729	2.725	33.935	27.059	99.53
65	2.840	2.836	33.970	27.077	97.88
70	2.294	2.290	33.968	27.122	93.54
75	2.302	2.298	33.978	27.129	92.89
80	0.846	0.842	34.121	27.349	71.84
85	0.043	0.040	34.200	27.458	61.30
90	3.656	3.650	34.534	27.451	62.82
95	4.324	4.317	34.680	27.498	58.64
100	3.709	3.703	34.643	27.533	55.25
110	3.623	3.616	34.668	27.561	52.63
120	3.470	3.462	34.693	27.596	49.36
130	3.366	3.358	34.708	27.618	47.29
140	2.444	2.436	34.670	27.671	42.03
150	1.950	1.942	34.663	27.706	38.60
160	1.995	1.987	34.715	27.744	35.07
170	2.163	2.154	34.748	27.757	34.00
180	2.176	2.166	34.778	27.780	31.87

