HAFRANNSÓKNASTOFNUN FJÖLRIT NR. 18

Western Iceland Sea

- Greenland Sea Project -

CTD Data Report

Joint Danish Icelandic Cruise

r/v Bjarni Sæmundsson

September 1987

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Ágrip.

Þessi skýrsla inniheldur gögn um mælingar á hita og seltu sjávar og afleiddar stærðir þeirra, eins og eðlisþyngd og hljóðhraða. Gögnum var safnað með síritandi mæli (CTD) í september 1987 í leiðangri á rannsóknaskipinu Bjarna Sæmundssyni í vesturhluta Íslandshafs í alþjóðlegum hafrannsóknum, sem ganga undir heitinu "Greenland Sea Project". Danir (Grønlands Fiskeri og Miljø Undersøgelser) og Íslendingar (Hafrannsóknastofnun) eiga samvinnu um þessar sjórannsóknir í hafinu milli Íslands, Austur-Grænlands og Jan Mayen.

Introduction

In September 1987 a joint Danish-Icelandic hydro-biological survey was carried out by the Icelandic research vessel "Bjarni Sæmundsson" in the western Iceland Sea or in the area between Jan Mayen, East Greenland and Iceland (Fig. 1). These investigations were a contribution to the international "Greenland Sea Project" (GSP, Anon. 1987) initiated by the Arctic Ocean Sciences Board (AOSB). Two brief reports including objectives, program, investigations performed, methods, plans for future observations and some preliminary results have been published (Buch and Malmberg 1988, Malmberg and Buch 1988).

The present publication is a report of CTD data collected during the 1987 cruise. It consists of data lists of t , θ , S, σ_t , σ_θ , δ , $\Sigma\,\delta\Delta p$. Also, included is a short description of the instrumentation and an outline of the data-handling method, figures of vertical temperature and salinity distributions (Figs. 4-11), and observed water mass characteristics (Fig. 3).

Instrumentation and methods

The CTD unit used during the cruise was a high quality standard Neil Brown Mark III, kindly provided by the Norwegian National Science Board (Norsk Naturvidenskabelige Forskningsråd). Its accuracity is given as ± 0.005 °C in temperature, ± 0.001 mmho/cm in conductivity and ± 0.2 dbar in depth. The CTD was operated with a rosette equipped with Niskin water bottles and reversing thermometers from Gohla, Kiel. The CTD measurements were made during down-

casts with lowering speeds of about 1 m/s but the water samples were collected during up-casts. Salinities were determined within few days by a Guildline-8400 salinometer using IAPSO standard water as reference.

The editing and filtering of the CDT data was performed according to the following guidelines of UNESCO, (1988).

1. Scaling of variables: pressure in decibars, temperature in °C and conductivity in mmho/cm.
2. Elimination of erroneous values (out of range) and unrealistic discontinuities. Replaced by adjacent or linearly interpolated values.
3. Smoothing (curve fitting through small sections of dataset) of temperature and conductivity.
4. Smoothing (low-pass filtering) of pressure.
5. Time lag correction for variables.
6. Averaging of variables to each decibar.
7. Calculation of salinity (UNESCO, 1981), potential temperature (Bryden, 1973), sound velocity (Chen and Millero, 1977).
8. Calibration of variables with respect to laboratory analysis of deep water. The procedure for salinity was performed for salinities $\geq$ 34.8. A plot of the CTD salinities vs. the laboratory analysed ones is shown in Fig.2 together with the mean difference line of S_{hydro} = -0.013 + S_{CTD}. Temperature comparison of

the reversing thermometers and the CDT measurements showed no significant differences.

Water masses in the Iceland Sea

The main water masses observed in the study area are the following, (Stefánsson 1962, Swift 1980, 1986):

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

b) 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.

c) Arctic Intermediate Water, a water mass found between the 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 will show further differences in the Deep and Intermediate Waters depending on the regional origin and their time histories. Figure 3 shows a plot of potential temperature vs. salinity for every 30 m below 50 meter depth from the research area.

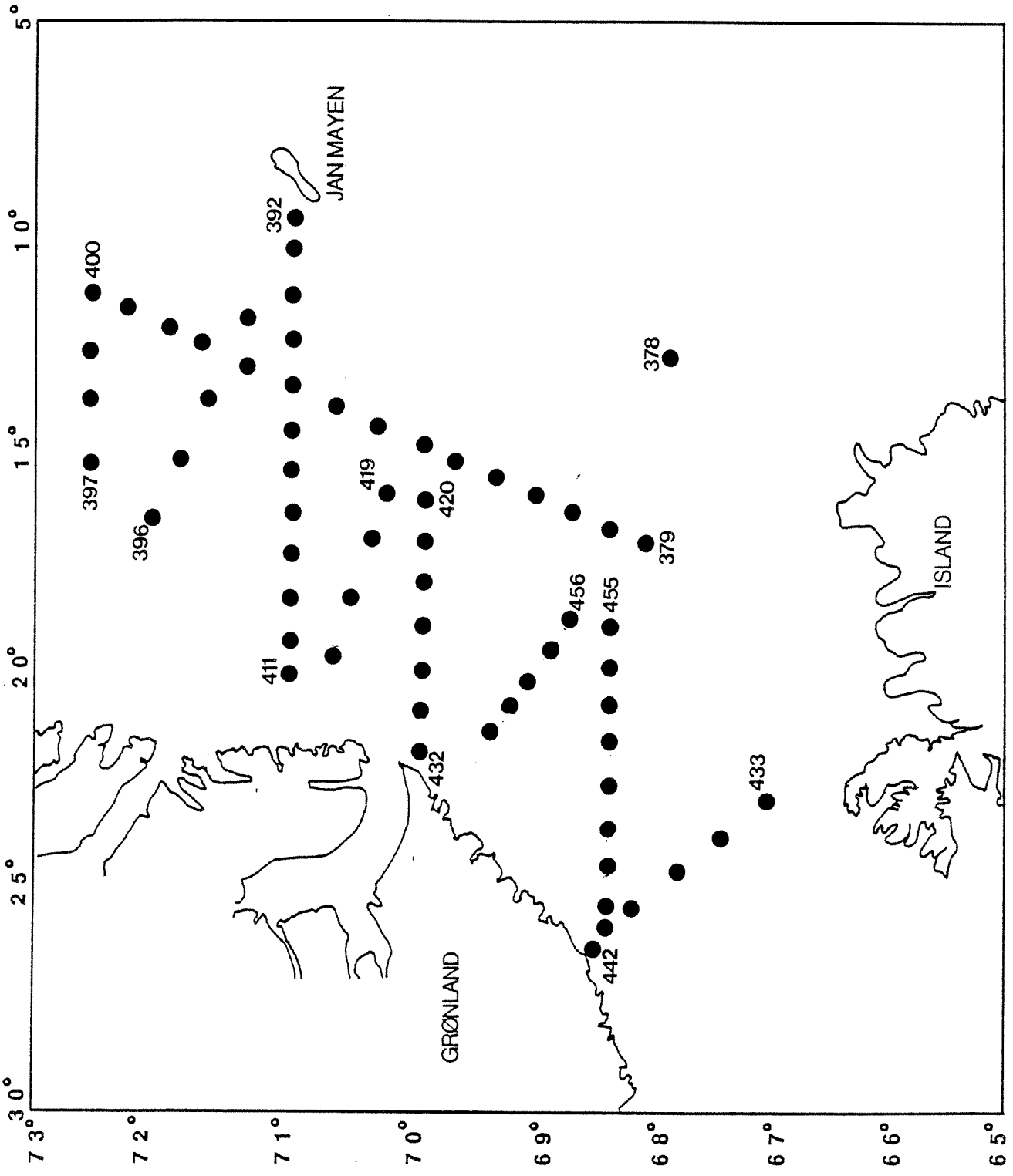

Figure 1. Location of GSP stations by R/S Bjarni Sæmundsson from September 1987.

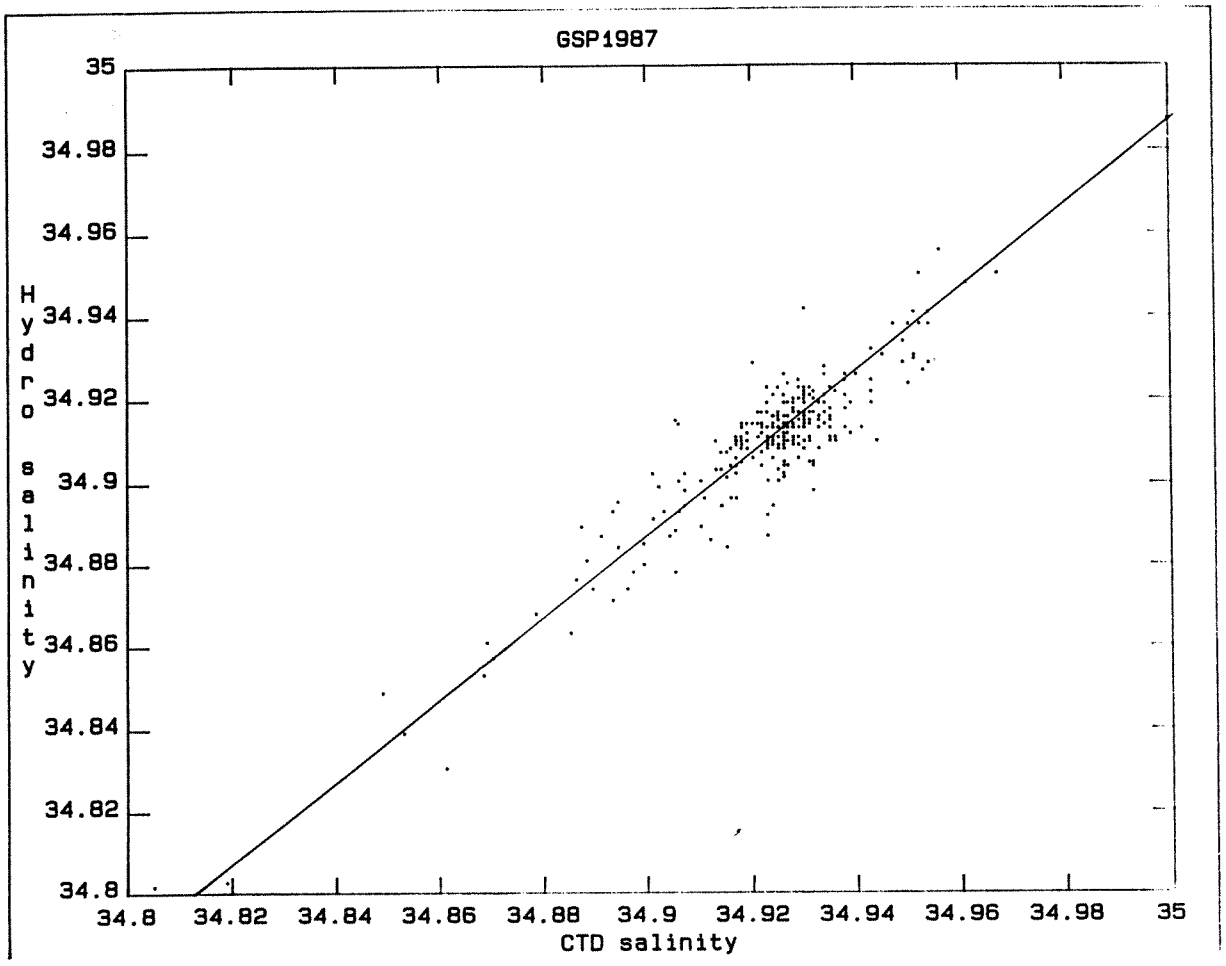

Figure 2. Distribution of hydro salinity vs. CTD salinity and a correction line.

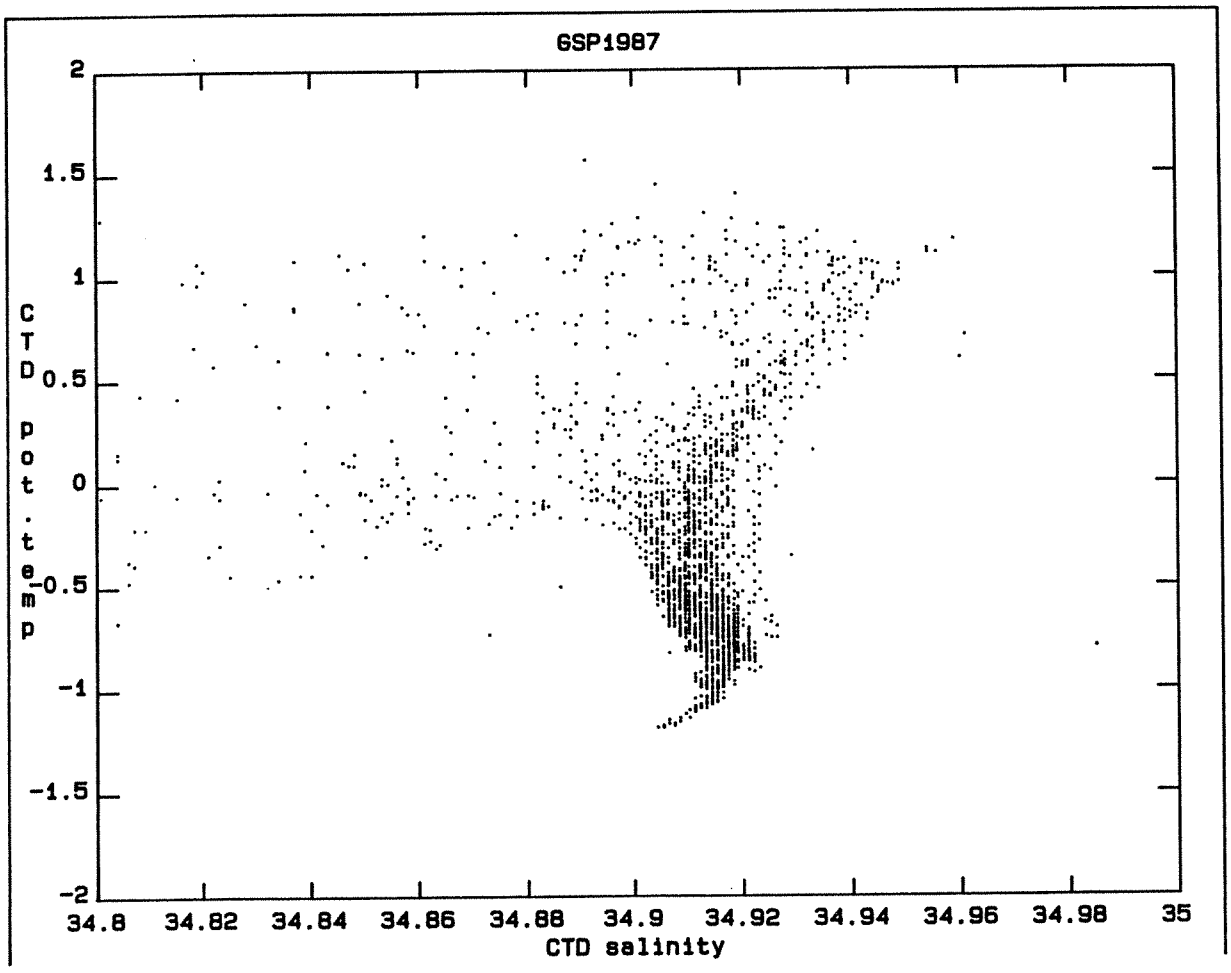

Figure 3. Potential temperature vs. salinity from CTD measurements every 30 m starting at 60 m.

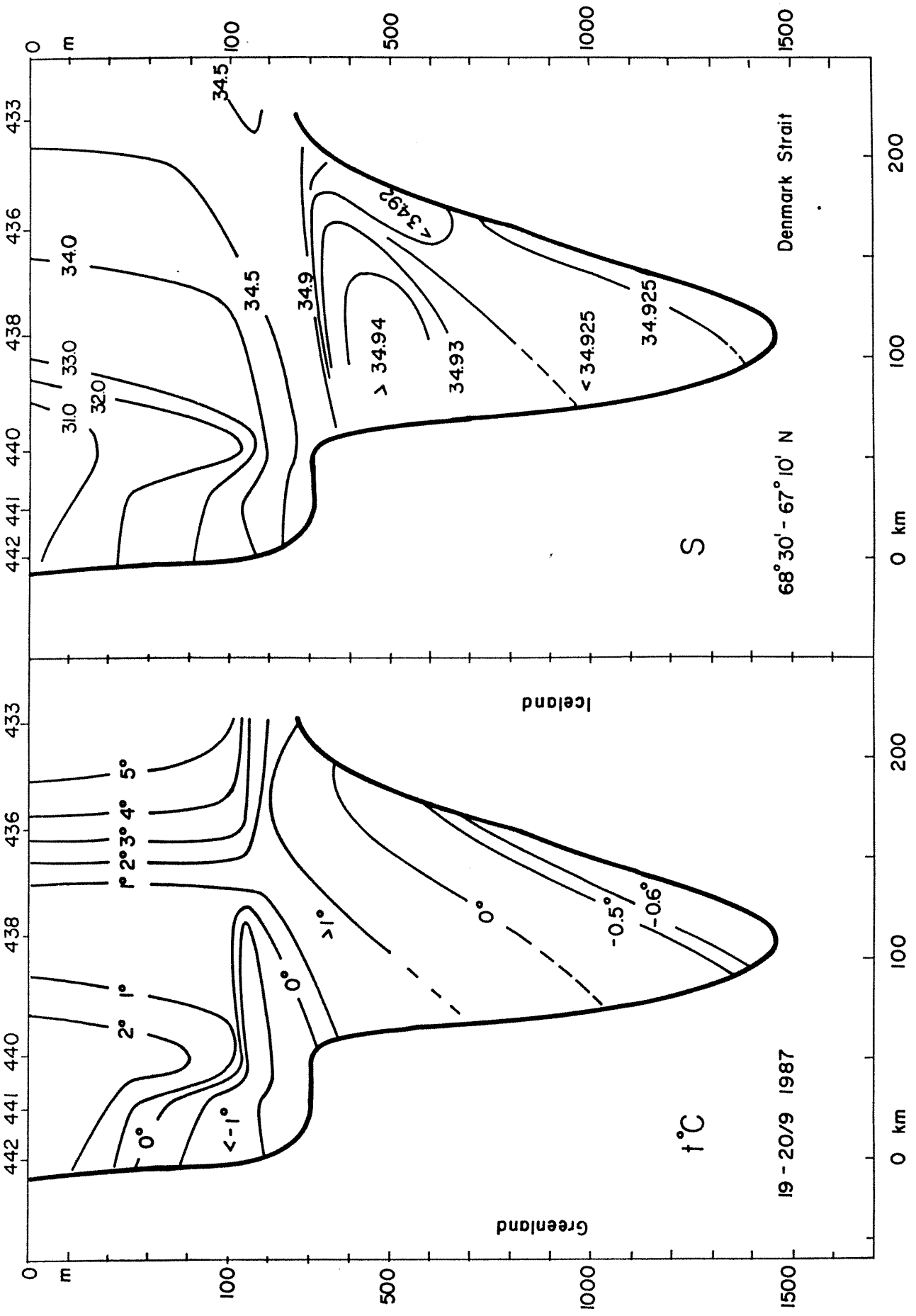

Figure 4. In situ temperature (a) and salinity (b), section Denmark Strait: 67°10´ - 68°30´ N.

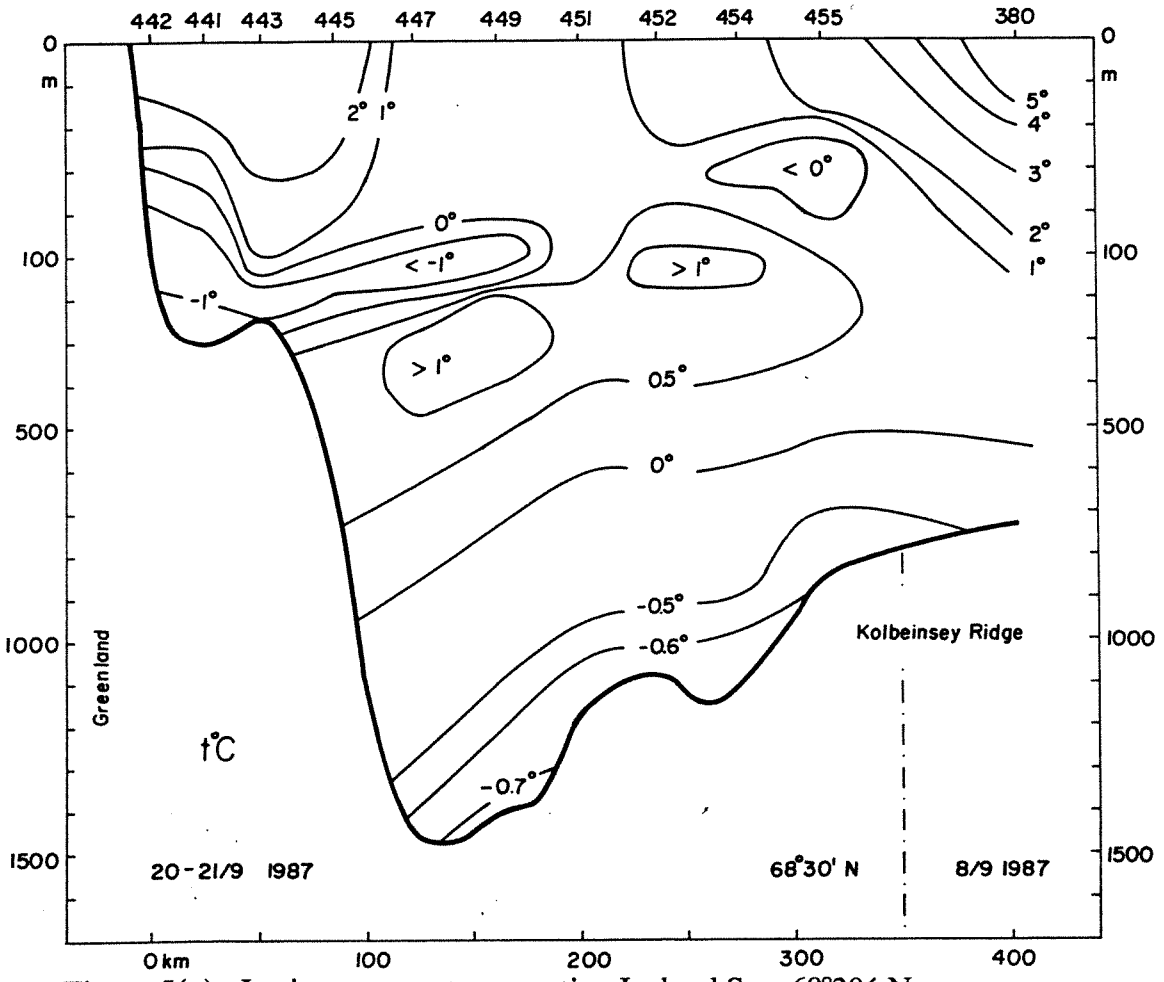

Figure 5(a). In situ temperature, section Iceland Sea: 68°30´ N.

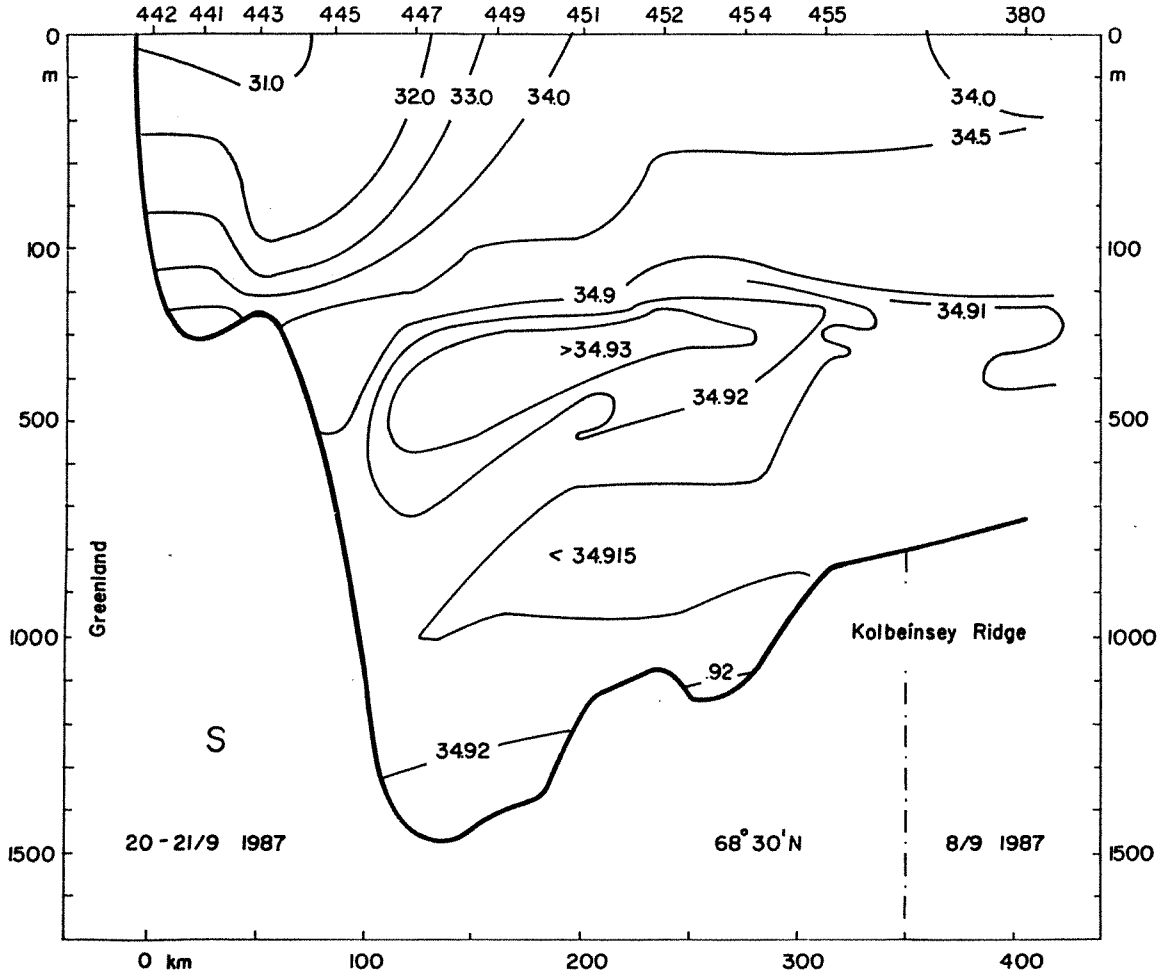

Figure 5(b). Salinity, section Iceland Sea: 68°30´ N.

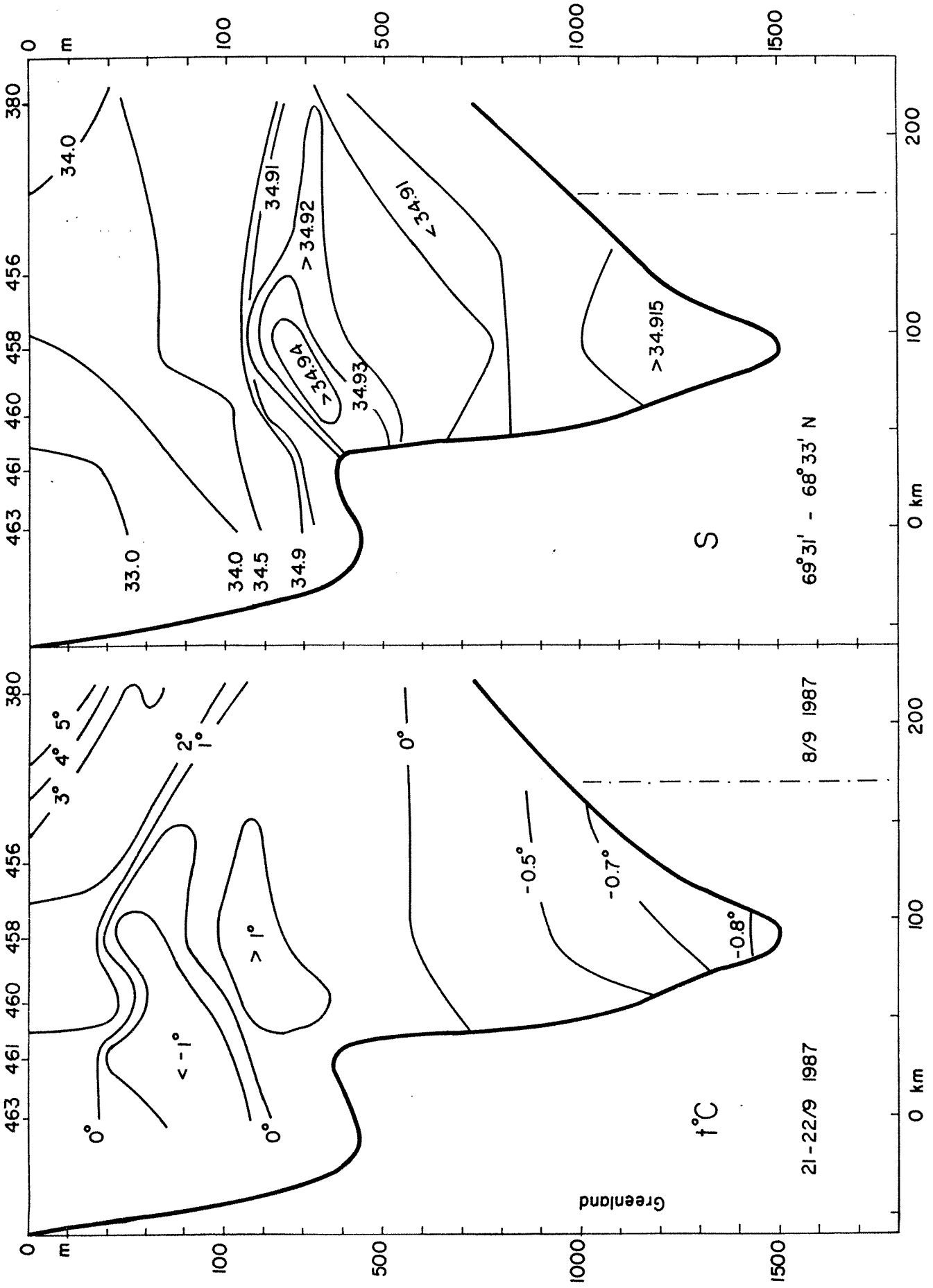

Figure 6. In situ temperature (a) and salinity (b), section Iceland Sea: 68°33´ - 69°31´ N.

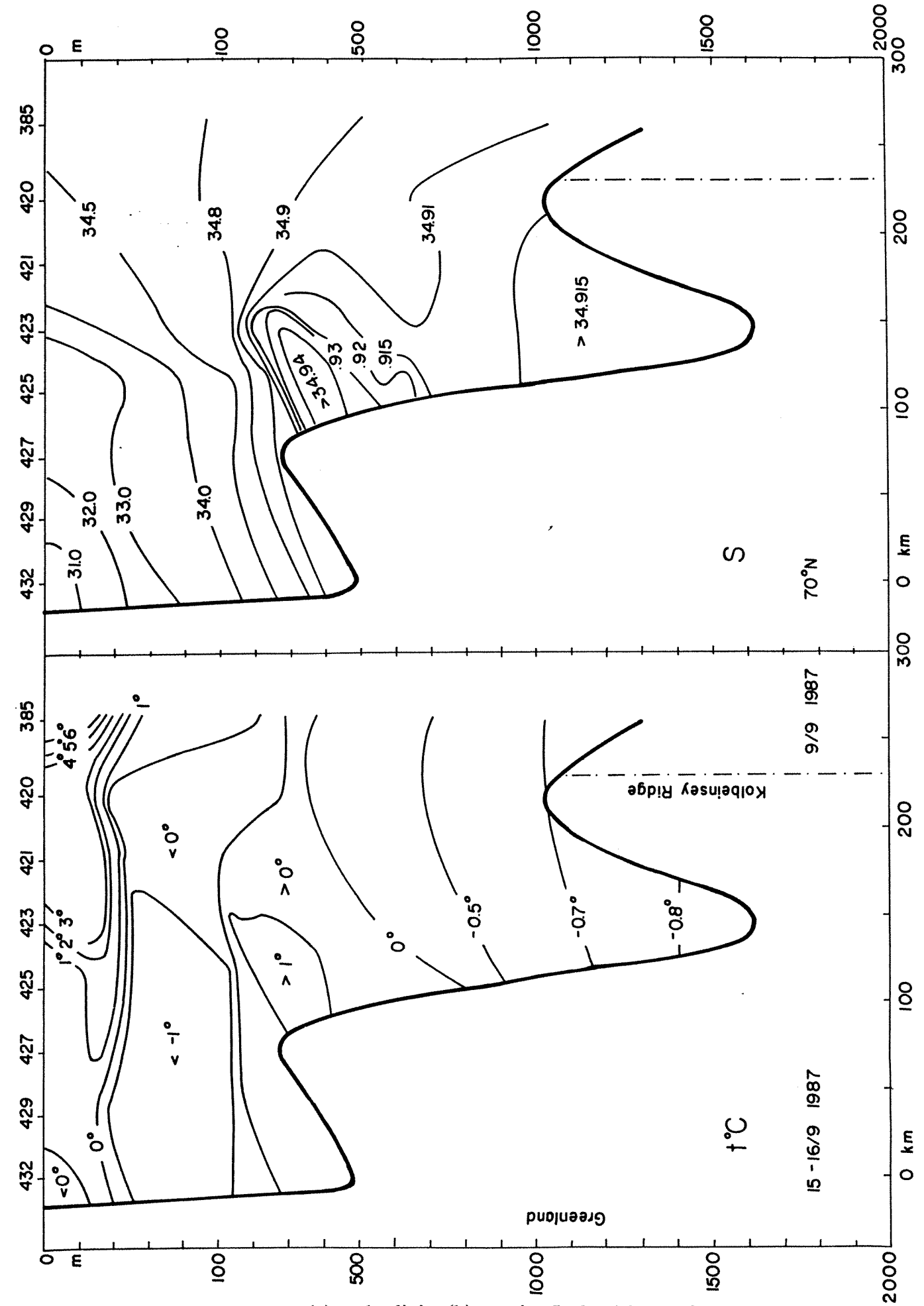

Figure 7. In situ temperature (a) and salinity (b), section Iceland Sea: 70°00´ N.

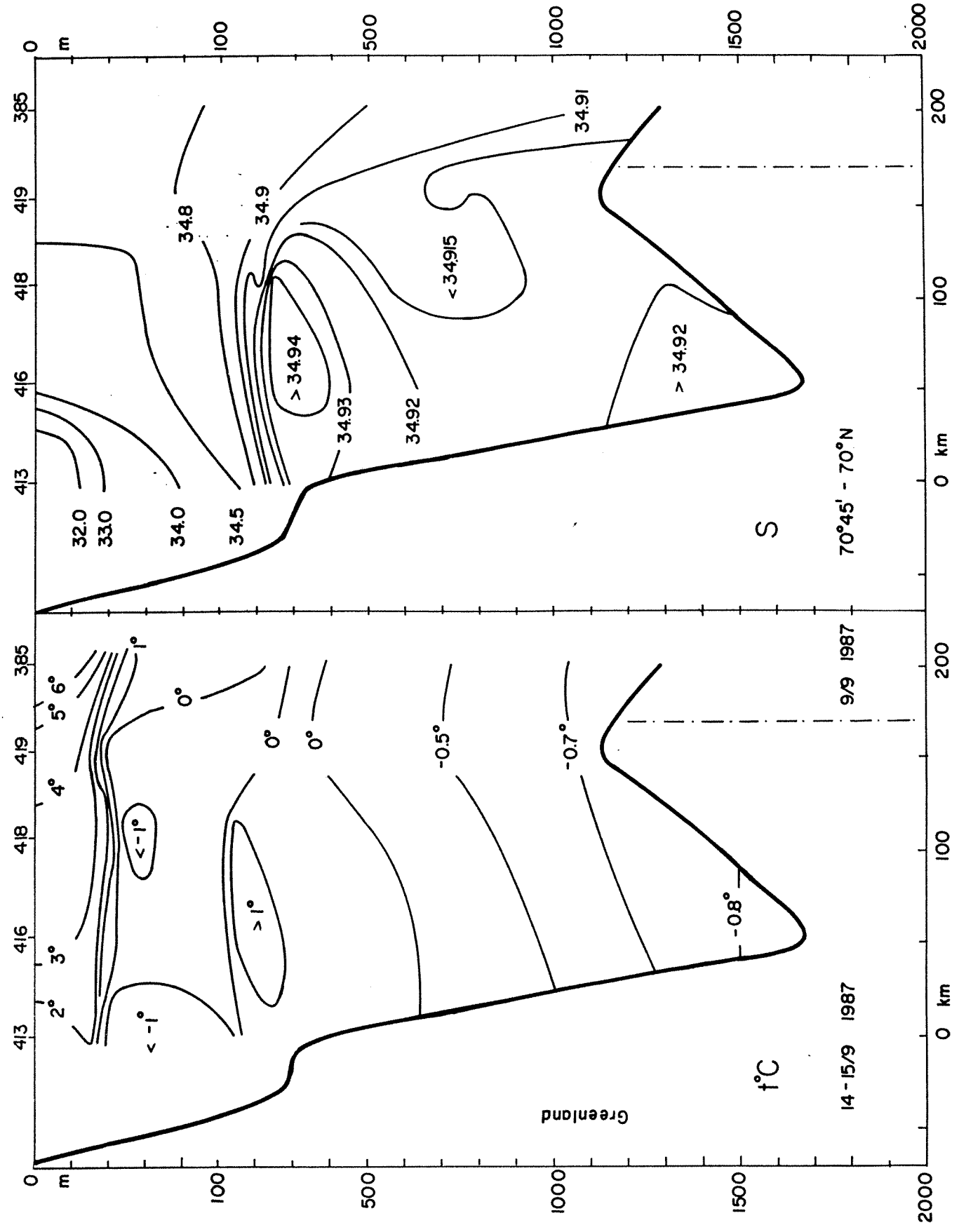

Figure 8. In situ temperature (a) and salinity (b), section Iceland Sea: 70°00´ - 70°45´ N.

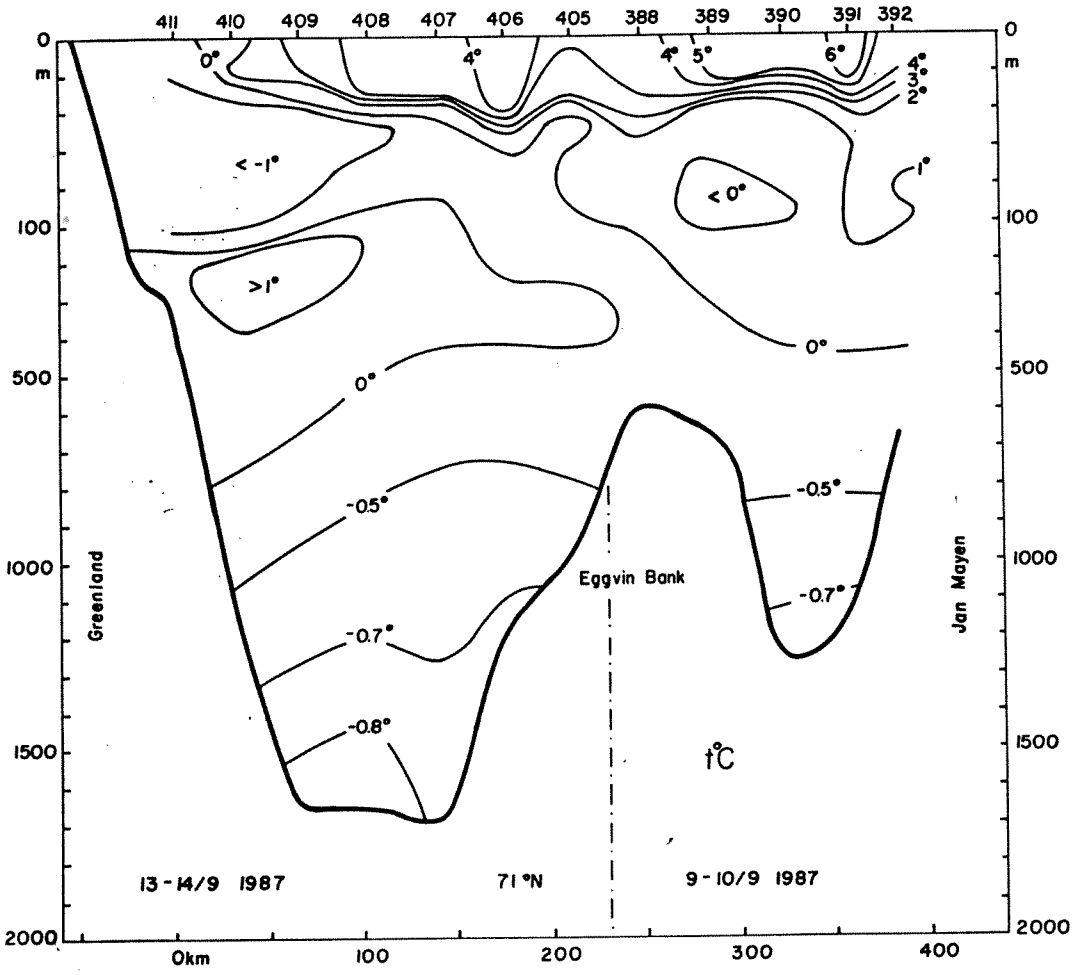

Figure 9(a). In situ temperature, section Greenland - Jan Mayen: 71°00´ N.

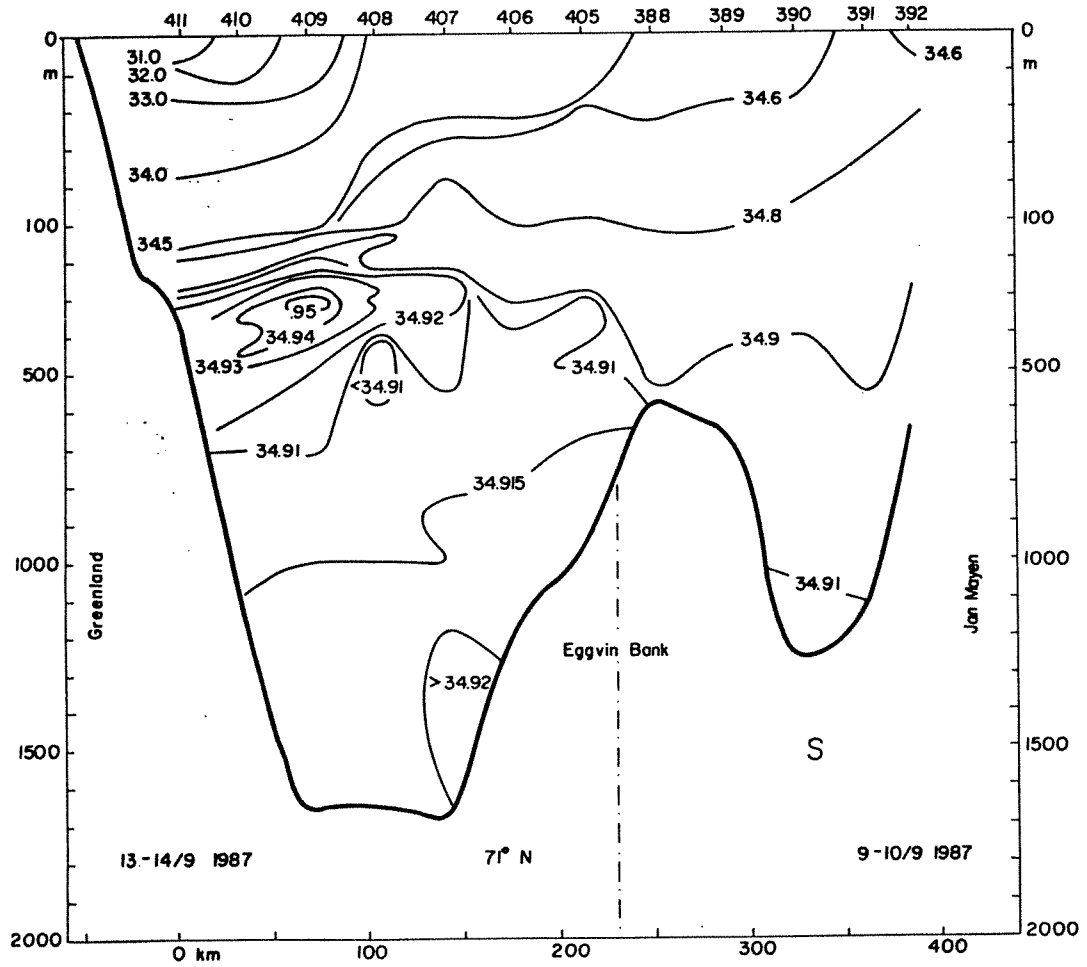

Figure 9(b). Salinity, section Greenland - Jan Mayen: 71°00´ N.

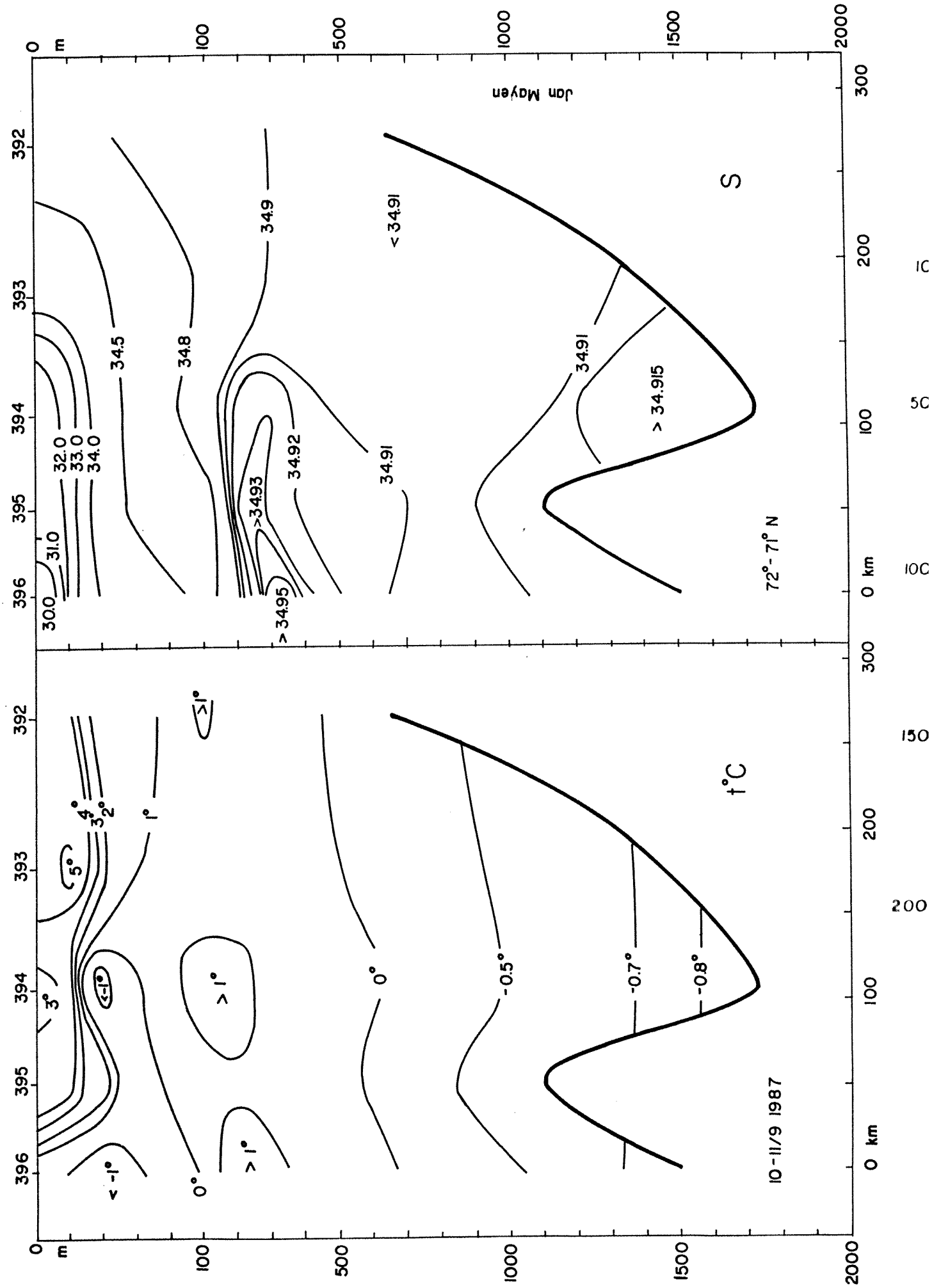

Figure 10. In situ temperature (a) and salinity (b), section Greenland Sea: 71°00´ - 72°00´ N.

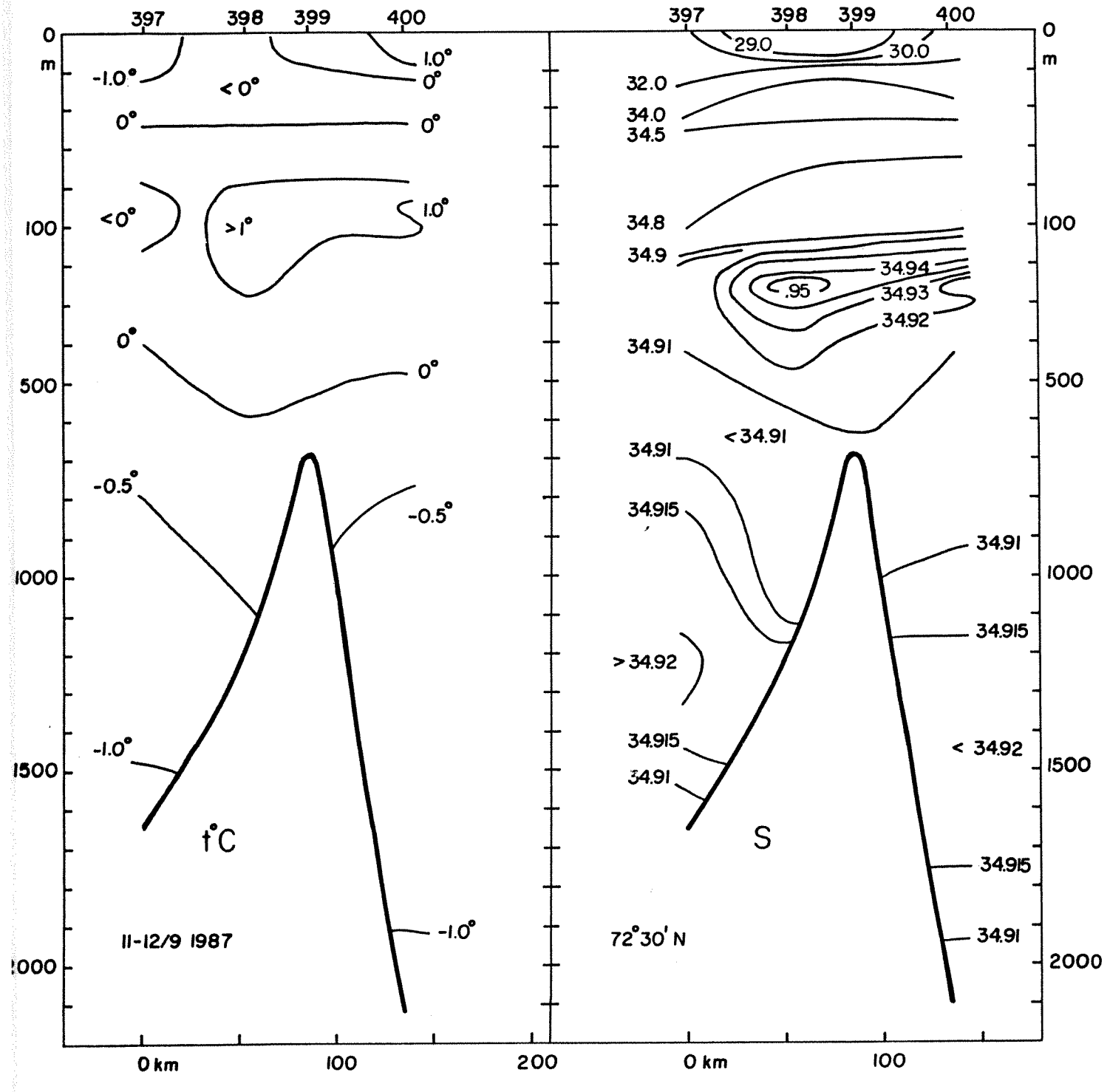

Figure 11. In situ temperature (a) and salinity (b), section Greenland Sea: 72°30´ N.

Acknowledgement

The authors acknowledge the support of the different organizations in Denmark and Iceland as well as the Nordic Council who made the joint Danish Icelandic GSP possible. Especially, we thank the Norwegian Natural Science Board for the support by providing the Neil Brown CTD to the project. We thank Björn Erlingsson, University of Oslo, for his advice and companionship during the work with the instrument at sea. Our thanks are forwarded to Björn R. Björnsson and Héðinn Valdimarsson of the Computing Department of the Marine Research Institute in Reykjavík for their assistance in the preparing work with the CTD software. At last and not least we thank the captain and the crew of r/v Bjarni Sæmundsson together with other participants of the cruise for their part in fulfilling the operation plan of this research and its successful outcome.

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GREENLAND SEA PROJECT R/V BJARNI SÆMUNDSSON SEPTEMBER 1987

Stat	Date	Hour	Depth m	Position	
378	7	13.00	1890	68°00'	12°40'
379	8	01.00	1290	68°13'	17°00'
380	8	05.30	730	68°33'	16°38'
381	8	09.30	1310	68°50'	16°15'
382	8	14.00	1110	69°09'	15°50'
383	8	19.00	1200	69°28'	15°26'
384	8	23.00	1220	69°46'	15°03'
385	9	03.30	1290	70°04'	14°36'
386	9	09.00	1050	70°23'	14°11'
387	9	14.30	1570	70°42'	13°45'
388	9	19.30	580	70°59'	13°19'
389	10	00.00	580	71°00'	12°15'
390	10	04.00	1250	71°00'	11°14'
391	10	08.00	1140	71°00'	10°12'
392	10	11.00	650	71°00'	09°30'
393	10	17.00	1440	71°20'	11°45'
394	10	22.30	1730	71°37'	13°33'
395	11	03.30	1100	71°49'	15°00'
396	11	08.00	1500	72°03'	16°18'
397	11	15.00	1650	72°29'	15°05'
398	11	20.30	1200	72°30'	13°34'
399	12	00.00	680	72°30'	12°35'
400	12	05.00	2100	72°30'	11°06'
401	12	09.00	2100	72°13'	11°30'
402	12	14.00	2280	71°55'	12°00'
403	12	18.30	2570	71°41'	12°21'
404	12	23.00	1310	71°22'	12°47'
405	13	04.30	987	71°00'	14°18'
406	13	08.00	1200	71°00'	15°17'
407	13	11.30	1680	71°00'	16°16'
408	13	17.00	1650	71°00'	17°16'
409	13	21.00	1650	71°00'	18°16'
410	14	01.30	1075	71°00'	19°15'
411	14	06.30	360	71°00'	20°06'
413	14	11.30	380	70°42'	19°40'
416	14	17.00	1670	70°35'	18°14'
418	14	22.30	1400	70°25'	16°51'
419	15	02.30	1120	70°18'	15°43'
420	15	06.00	1010	70°00'	16°00'
421	15	09.00	1250	70°00'	16°57'
423	15	13.00	1610	70°00'	17°56'
425	15	18.30	810	70°00'	18°55'

Stat	Date	Hour	Depth m	Position	
427	15	21.30	270	70°00'	19°54'
429	16	00.30	390	70°00'	20°50'
432	16	21.00	480	70°00'	21°47'
433	19	05.30	260	67°10'	22°52'
436	19	18.00	810	67°32'	23°43'
438	19	22.30	1460	67°54'	24°32'
440	20	04.30	310	68°18'	25°27'
441	20	07.00	305	68°30'	25°55'
442	20	10.30	135	68°30'	26°20'
443	20	14.00	250	68°30'	25°20'
445	20	17.00	720	68°30'	24°26'
447	20	21.00	1450	68°30'	23°31'
449	21	00.30	1410	68°30'	22°35'
451	21	04.30	1160	68°30'	21°38'
452	21	08.00	1075	68°30'	20°43'
454	21	12.30	1170	68°30'	19°50'
455	21	16.30	850	68°30'	18°55'
456	21	20.30	1175	68°50'	18°40'
458	22	00.30	1500	69°02'	19°25'
460	22	04.00	1120	69°10'	20°12'
461	22	07.30	370	69°20'	20°45'
463	22	12.30	430	69°31'	21°16'
465	23	16.00	520	65°14'	27°30'

CTD DATA (tables): Heading indicates name of station. (B for R/V Bjarni Sæmundsson, and 87/378-465 for consecutive station numbers, shown in Fig 1.).

depth

is in decibars,

temp , in situ temperature in °C,

theta , potential temperature in °C,

salinity , in practical salinity units,

sigmat , density with respect to in situ temperature and 0 decibar -1000 kg/m^3,

sig_th , potential density -1000 kg/m^3,

delta , specific volume anomaly x $10^{-8} m^3/kg$,

geopot , integrated geopotential anomaly m^2/s^2,

soundv , velocity of sound in m/s.

B87.378

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	7.65	7.65	34.482	26.918	26.918	112.62	0.056	1480.6
10	7.64	7.64	34.496	26.931	26.932	111.45	0.112	1480.6
20	7.59	7.59	34.503	26.943	26.943	110.50	0.223	1480.6
30	7.53	7.52	34.516	26.964	26.964	108.73	0.333	1480.6
40	1.90	1.89	34.525	27.599	27.600	48.15	0.411	1457.7
50	0.13	0.13	34.681	27.842	27.842	25.03	0.448	1450.1
60	-0.15	-0.15	34.728	27.895	27.895	19.96	0.470	1449.7
70	-0.32	-0.32	34.740	27.913	27.913	18.21	0.490	1449.9
80	-0.53	-0.53	34.748	27.929	27.929	16.65	0.507	1450.1
90	-0.65	-0.65	34.763	27.947	27.947	14.89	0.523	1450.3
100	-0.66	-0.66	34.769	27.952	27.952	14.40	0.537	1450.5
110	-0.69	-0.70	34.789	27.969	27.969	12.72	0.551	1450.6
120	-0.66	-0.66	34.804	27.980	27.980	11.70	0.563	1450.8
130	-0.59	-0.59	34.818	27.988	27.989	10.92	0.574	1451.0
140	-0.51	-0.51	34.831	27.995	27.996	10.27	0.585	1451.2
150	-0.43	-0.44	34.840	27.999	27.999	9.96	0.595	1451.4
160	-0.37	-0.38	34.849	28.004	28.004	9.52	0.605	1451.5
170	-0.33	-0.34	34.856	28.007	28.007	9.19	0.614	1451.7
180	-0.28	-0.29	34.864	28.011	28.011	8.85	0.623	1451.9
190	-0.23	-0.24	34.871	28.014	28.014	8.57	0.632	1452.1
200	-0.23	-0.23	34.874	28.016	28.016	8.38	0.640	1452.2
210	-0.20	-0.21	34.877	28.018	28.018	8.22	0.649	1452.4
220	-0.18	-0.19	34.880	28.019	28.020	8.10	0.657	1452.6
230	-0.17	-0.18	34.883	28.021	28.021	7.94	0.665	1452.7
240	-0.15	-0.16	34.886	28.022	28.023	7.80	0.673	1452.9
250	-0.15	-0.16	34.889	28.025	28.025	7.59	0.681	1453.1
260	-0.15	-0.16	34.890	28.025	28.026	7.50	0.688	1453.2
270	-0.16	-0.17	34.891	28.027	28.028	7.34	0.695	1453.4
280	-0.18	-0.19	34.893	28.029	28.030	7.13	0.703	1453.6
290	-0.18	-0.19	34.894	28.030	28.030	7.06	0.710	1453.7
300	-0.19	-0.20	34.894	28.031	28.031	6.96	0.717	1453.9
310	-0.20	-0.21	34.895	28.032	28.032	6.84	0.724	1454.0
320	-0.20	-0.21	34.897	28.034	28.034	6.66	0.730	1454.2
330	-0.20	-0.22	34.897	28.034	28.035	6.60	0.737	1454.4
340	-0.21	-0.23	34.896	28.034	28.034	6.63	0.744	1454.5
350	-0.21	-0.23	34.898	28.035	28.036	6.46	0.750	1454.7
360	-0.24	-0.25	34.899	28.037	28.038	6.27	0.757	1454.9
370	-0.25	-0.26	34.900	28.039	28.040	6.07	0.763	1455.0
380	-0.26	-0.28	34.900	28.039	28.040	6.03	0.769	1455.2
390	-0.28	-0.29	34.900	28.039	28.040	5.98	0.775	1455.4
400	-0.29	-0.30	34.900	28.040	28.041	5.90	0.781	1455.5
410	-0.30	-0.31	34.902	28.042	28.043	5.68	0.787	1455.7
420	-0.31	-0.33	34.902	28.043	28.044	5.56	0.792	1455.9
430	-0.32	-0.34	34.903	28.045	28.045	5.40	0.798	1456.0
440	-0.34	-0.35	34.904	28.046	28.047	5.27	0.803	1456.2
450	-0.35	-0.37	34.902	28.045	28.046	5.31	0.808	1456.3
460	-0.37	-0.38	34.902	28.046	28.047	5.18	0.814	1456.5
470	-0.38	-0.39	34.903	28.047	28.048	5.05	0.819	1456.7
480	-0.39	-0.41	34.903	28.048	28.049	4.92	0.824	1456.8
490	-0.41	-0.42	34.904	28.049	28.050	4.81	0.829	1457.0

500	-0.42	-0.43	34.904	28.050	28.051	4.68	0.833	1457.2
510	-0.43	-0.45	34.905	28.051	28.052	4.57	0.838	1457.3
520	-0.44	-0.45	34.906	28.052	28.053	4.42	0.842	1457.5
530	-0.44	-0.46	34.907	28.053	28.054	4.33	0.847	1457.7
540	-0.45	-0.47	34.906	28.053	28.054	4.26	0.851	1457.8
550	-0.47	-0.49	34.907	28.055	28.056	4.11	0.855	1458.0
560	-0.48	-0.50	34.907	28.055	28.056	4.02	0.859	1458.2
570	-0.49	-0.52	34.906	28.055	28.056	3.99	0.863	1458.3
580	-0.50	-0.53	34.908	28.057	28.058	3.78	0.867	1458.5
590	-0.51	-0.53	34.908	28.058	28.059	3.73	0.871	1458.7
600	-0.52	-0.54	34.908	28.058	28.059	3.65	0.875	1458.8
610	-0.53	-0.55	34.908	28.059	28.060	3.57	0.878	1459.0
620	-0.54	-0.57	34.908	28.059	28.060	3.51	0.882	1459.1
630	-0.55	-0.57	34.909	28.060	28.062	3.33	0.885	1459.3
640	-0.56	-0.58	34.908	28.060	28.061	3.32	0.889	1459.5
650	-0.57	-0.59	34.908	28.061	28.062	3.26	0.892	1459.6
660	-0.57	-0.60	34.908	28.061	28.062	3.18	0.895	1459.8
670	-0.58	-0.60	34.909	28.062	28.063	3.10	0.898	1460.0
680	-0.59	-0.61	34.909	28.062	28.063	3.03	0.901	1460.1
690	-0.60	-0.63	34.909	28.063	28.064	2.91	0.904	1460.3
700	-0.61	-0.63	34.910	28.064	28.065	2.75	0.907	1460.5
710	-0.62	-0.64	34.910	28.064	28.066	2.69	0.910	1460.6
720	-0.62	-0.65	34.909	28.064	28.065	2.69	0.912	1460.8
730	-0.63	-0.66	34.910	28.065	28.066	2.59	0.915	1461.0
740	-0.64	-0.67	34.911	28.066	28.068	2.42	0.918	1461.1
750	-0.65	-0.68	34.910	28.066	28.067	2.42	0.920	1461.3
760	-0.65	-0.68	34.911	28.066	28.068	2.34	0.922	1461.5
770	-0.65	-0.68	34.910	28.066	28.067	2.38	0.925	1461.6
780	-0.66	-0.69	34.910	28.066	28.067	2.33	0.927	1461.8
790	-0.67	-0.70	34.910	28.066	28.068	2.26	0.929	1461.9
800	-0.68	-0.71	34.911	28.068	28.069	2.08	0.932	1462.1
810	-0.68	-0.71	34.910	28.067	28.069	2.11	0.934	1462.3
820	-0.68	-0.72	34.911	28.068	28.069	2.04	0.936	1462.4
830	-0.69	-0.72	34.912	28.069	28.070	1.90	0.938	1462.6
840	-0.70	-0.73	34.910	28.068	28.069	1.94	0.940	1462.8
850	-0.70	-0.74	34.911	28.069	28.070	1.85	0.942	1462.9
860	-0.71	-0.74	34.911	28.069	28.071	1.76	0.943	1463.1
870	-0.71	-0.75	34.912	28.070	28.071	1.69	0.945	1463.3
880	-0.72	-0.75	34.911	28.069	28.071	1.71	0.947	1463.4
890	-0.72	-0.76	34.912	28.071	28.072	1.51	0.948	1463.6
900	-0.73	-0.76	34.912	28.071	28.072	1.51	0.950	1463.8
910	-0.73	-0.76	34.911	28.070	28.072	1.50	0.951	1463.9
920	-0.73	-0.77	34.912	28.071	28.073	1.41	0.953	1464.1
930	-0.74	-0.77	34.912	28.071	28.073	1.34	0.954	1464.3
940	-0.74	-0.78	34.912	28.071	28.073	1.36	0.956	1464.4
950	-0.74	-0.78	34.911	28.071	28.073	1.34	0.957	1464.6
960	-0.75	-0.79	34.912	28.071	28.073	1.25	0.958	1464.8
970	-0.75	-0.79	34.911	28.071	28.073	1.22	0.959	1464.9
980	-0.76	-0.80	34.912	28.072	28.073	1.16	0.961	1465.1
990	-0.76	-0.80	34.912	28.072	28.074	1.06	0.962	1465.3
1000	-0.76	-0.80	34.912	28.072	28.074	1.07	0.963	1465.4
1010	-0.77	-0.81	34.912	28.073	28.075	0.95	0.964	1465.6
1020	-0.77	-0.81	34.913	28.073	28.075	0.87	0.965	1465.8
1030	-0.78	-0.82	34.912	28.073	28.075	0.87	0.966	1465.9

1040	-0.78	-0.82	34.912	28.073	28.075	0.82	0.966	1466.1
1050	-0.79	-0.83	34.913	28.074	28.076	0.74	0.967	1466.3
1060	-0.79	-0.83	34.913	28.074	28.076	0.67	0.968	1466.4
1070	-0.79	-0.83	34.912	28.073	28.075	0.72	0.969	1466.6
1080	-0.79	-0.84	34.912	28.074	28.076	0.66	0.969	1466.8
1090	-0.80	-0.84	34.912	28.074	28.076	0.59	0.970	1466.9
1100	-0.80	-0.84	34.913	28.075	28.076	0.53	0.970	1467.1
1110	-0.80	-0.85	34.913	28.075	28.077	0.48	0.971	1467.2
1120	-0.80	-0.85	34.912	28.074	28.076	0.50	0.971	1467.4
1130	-0.81	-0.85	34.912	28.075	28.076	0.44	0.972	1467.6
1140	-0.81	-0.86	34.913	28.075	28.077	0.36	0.972	1467.7
1150	-0.81	-0.86	34.912	28.074	28.076	0.38	0.973	1467.9
1160	-0.82	-0.86	34.913	28.076	28.078	0.22	0.973	1468.1
1170	-0.82	-0.87	34.913	28.075	28.077	0.23	0.973	1468.2
1180	-0.82	-0.87	34.913	28.076	28.078	0.16	0.973	1468.4
1190	-0.83	-0.87	34.912	28.075	28.077	0.22	0.974	1468.6
1200	-0.83	-0.88	34.913	28.076	28.078	0.10	0.974	1468.7
1210	-0.83	-0.88	34.913	28.076	28.078	0.04	0.974	1468.9
1220	-0.84	-0.89	34.913	28.076	28.078	-0.01	0.974	1469.1
1230	-0.84	-0.89	34.913	28.076	28.079	-0.08	0.974	1469.2
1240	-0.84	-0.89	34.912	28.076	28.078	-0.05	0.974	1469.4
1250	-0.85	-0.90	34.912	28.076	28.078	-0.11	0.974	1469.6
1260	-0.85	-0.90	34.913	28.076	28.079	-0.17	0.974	1469.7
1270	-0.85	-0.91	34.912	28.076	28.078	-0.17	0.973	1469.9
1280	-0.86	-0.91	34.912	28.076	28.078	-0.23	0.973	1470.1
1290	-0.86	-0.91	34.912	28.077	28.079	-0.31	0.973	1470.2
1300	-0.86	-0.91	34.913	28.078	28.080	-0.42	0.973	1470.4
1310	-0.86	-0.92	34.913	28.077	28.079	-0.41	0.972	1470.6
1320	-0.86	-0.92	34.911	28.076	28.078	-0.34	0.972	1470.7
1330	-0.87	-0.92	34.911	28.076	28.079	-0.39	0.971	1470.9
1340	-0.87	-0.93	34.912	28.077	28.079	-0.49	0.971	1471.1
1350	-0.88	-0.93	34.913	28.078	28.080	-0.58	0.970	1471.2
1360	-0.88	-0.93	34.913	28.078	28.080	-0.65	0.970	1471.4
1370	-0.88	-0.93	34.912	28.077	28.079	-0.59	0.969	1471.6
1380	-0.88	-0.94	34.913	28.078	28.080	-0.67	0.969	1471.7
1390	-0.88	-0.94	34.912	28.077	28.080	-0.69	0.968	1471.9
1400	-0.88	-0.94	34.911	28.077	28.079	-0.68	0.967	1472.1
1410	-0.88	-0.94	34.911	28.077	28.079	-0.68	0.967	1472.2
1420	-0.89	-0.94	34.912	28.078	28.080	-0.81	0.966	1472.4
1430	-0.89	-0.95	34.912	28.078	28.080	-0.85	0.965	1472.6
1440	-0.89	-0.95	34.912	28.078	28.080	-0.88	0.964	1472.7
1450	-0.89	-0.95	34.912	28.077	28.080	-0.88	0.963	1472.9
1460	-0.89	-0.96	34.913	28.078	28.081	-0.99	0.962	1473.1
1470	-0.90	-0.96	34.911	28.077	28.080	-0.93	0.961	1473.2
1480	-0.90	-0.96	34.912	28.078	28.080	-0.99	0.960	1473.4
1490	-0.90	-0.96	34.912	28.078	28.081	-1.06	0.959	1473.6
1500	-0.90	-0.96	34.913	28.079	28.081	-1.14	0.958	1473.7
1510	-0.90	-0.97	34.912	28.079	28.081	-1.16	0.957	1473.9
1520	-0.90	-0.97	34.912	28.078	28.081	-1.15	0.956	1474.1
1530	-0.90	-0.97	34.913	28.079	28.082	-1.26	0.955	1474.2
1540	-0.91	-0.97	34.912	28.078	28.081	-1.22	0.953	1474.4
1550	-0.91	-0.97	34.912	28.078	28.081	-1.26	0.952	1474.6
1560	-0.91	-0.97	34.912	28.078	28.081	-1.30	0.951	1474.8
1570	-0.91	-0.97	34.911	28.077	28.080	-1.21	0.950	1474.9

1580	-0.91	-0.98	34.913	28.079	28.082	-1.40	0.948	1475.1
1590	-0.91	-0.98	34.913	28.079	28.082	-1.41	0.947	1475.3
1600	-0.91	-0.98	34.912	28.078	28.081	-1.38	0.946	1475.4
1610	-0.91	-0.98	34.913	28.079	28.082	-1.49	0.944	1475.6
1620	-0.91	-0.98	34.912	28.078	28.081	-1.41	0.943	1475.8
1630	-0.91	-0.98	34.911	28.078	28.081	-1.41	0.941	1475.9
1640	-0.91	-0.98	34.912	28.079	28.082	-1.52	0.940	1476.1
1650	-0.91	-0.98	34.913	28.079	28.082	-1.62	0.938	1476.3
1660	-0.91	-0.98	34.915	28.081	28.084	-1.78	0.937	1476.4
1670	-0.91	-0.98	34.912	28.079	28.082	-1.59	0.935	1476.6
1680	-0.91	-0.98	34.913	28.079	28.082	-1.63	0.933	1476.8
1690	-0.91	-0.98	34.914	28.080	28.083	-1.76	0.932	1476.9
1700	-0.91	-0.98	34.911	28.078	28.081	-1.58	0.930	1477.1
1710	-0.91	-0.98	34.912	28.079	28.082	-1.68	0.928	1477.3
1720	-0.91	-0.99	34.913	28.079	28.082	-1.75	0.927	1477.4
1730	-0.91	-0.99	34.912	28.078	28.081	-1.70	0.925	1477.6
1740	-0.91	-0.99	34.912	28.078	28.082	-1.74	0.923	1477.8
1750	-0.91	-0.99	34.912	28.079	28.082	-1.79	0.921	1477.9
1760	-0.91	-0.99	34.912	28.079	28.082	-1.84	0.920	1478.1
1770	-0.91	-0.99	34.912	28.079	28.082	-1.84	0.918	1478.3
1780	-0.91	-0.99	34.912	28.079	28.082	-1.88	0.916	1478.4

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	5.58	5.58	33.813	26.666	26.667	136.47	0.068	1471.6
10	5.58	5.58	33.811	26.665	26.665	136.66	0.137	1471.7
20	5.59	5.59	33.817	26.669	26.669	136.45	0.273	1471.9
30	1.23	1.23	34.077	27.289	27.289	77.48	0.380	1454.0
40	0.60	0.60	34.429	27.611	27.611	46.90	0.442	1451.8
50	2.19	2.19	34.672	27.694	27.694	39.32	0.485	1459.3
55	2.00	2.00	34.665	27.703	27.703	38.44	0.505	1458.6
65	2.63	2.63	34.762	27.728	27.729	36.20	0.542	1461.1
75	0.18	0.17	34.556	27.738	27.739	34.81	0.578	1450.6
80	0.25	0.24	34.581	27.755	27.755	33.27	0.595	1451.0
90	0.82	0.82	34.672	27.793	27.794	29.77	0.626	1453.9
100	1.34	1.33	34.752	27.823	27.823	27.12	0.655	1456.5
110	1.59	1.59	34.794	27.838	27.838	25.81	0.681	1457.8
120	1.37	1.36	34.756	27.824	27.825	27.08	0.707	1456.9
130	1.02	1.01	34.753	27.846	27.846	24.97	0.734	1455.5
140	0.81	0.81	34.772	27.874	27.875	22.21	0.757	1454.8
150	0.46	0.45	34.745	27.875	27.875	22.03	0.779	1453.3
160	0.45	0.44	34.755	27.883	27.884	21.24	0.801	1453.5
170	0.16	0.15	34.763	27.906	27.906	18.97	0.821	1452.3
180	0.12	0.11	34.770	27.914	27.915	18.18	0.840	1452.3
190	0.13	0.12	34.782	27.924	27.924	17.27	0.857	1452.5
200	0.14	0.13	34.795	27.933	27.934	16.39	0.874	1452.8
210	0.13	0.13	34.804	27.941	27.941	15.70	0.890	1452.9
220	0.13	0.12	34.812	27.948	27.948	15.04	0.906	1453.1
230	0.24	0.23	34.835	27.960	27.960	13.94	0.920	1453.7
240	0.22	0.21	34.839	27.964	27.964	13.55	0.934	1453.8
250	0.30	0.29	34.863	27.979	27.980	12.17	0.947	1454.4
260	0.30	0.29	34.864	27.979	27.980	12.16	0.959	1454.6
270	0.27	0.25	34.866	27.983	27.984	11.80	0.971	1454.6
280	0.26	0.24	34.871	27.988	27.989	11.35	0.982	1454.7
290	0.28	0.26	34.881	27.995	27.995	10.73	0.993	1455.0
300	0.28	0.27	34.885	27.997	27.998	10.50	1.004	1455.2
310	0.28	0.27	34.888	28.000	28.001	10.22	1.014	1455.3
320	0.29	0.27	34.892	28.003	28.004	9.97	1.024	1455.5
330	0.30	0.28	34.896	28.006	28.007	9.70	1.034	1455.7
340	0.30	0.29	34.900	28.009	28.010	9.44	1.044	1455.9
350	0.30	0.29	34.903	28.011	28.012	9.24	1.053	1456.1
360	0.29	0.27	34.907	28.015	28.016	8.88	1.062	1456.2
370	0.28	0.27	34.908	28.016	28.017	8.73	1.071	1456.3
380	0.26	0.25	34.908	28.017	28.018	8.65	1.080	1456.4
390	0.23	0.21	34.909	28.020	28.021	8.31	1.088	1456.4
400	0.21	0.20	34.909	28.021	28.022	8.26	1.097	1456.5
410	0.16	0.14	34.909	28.024	28.025	7.91	1.105	1456.4
420	0.12	0.11	34.908	28.025	28.026	7.73	1.112	1456.4
430	0.10	0.09	34.909	28.027	28.028	7.55	1.120	1456.5
440	0.08	0.06	34.909	28.029	28.030	7.36	1.128	1456.6
450	0.06	0.04	34.910	28.030	28.031	7.19	1.135	1456.6
460	0.03	0.02	34.909	28.031	28.032	7.09	1.142	1456.7
470	0.01	-0.01	34.910	28.033	28.034	6.86	1.149	1456.7
480	-0.01	-0.03	34.910	28.034	28.035	6.78	1.156	1456.8

490	-0.04	-0.06	34.908	28.034	28.035	6.68	1.162	1457.0
500	-0.05	-0.07	34.910	28.036	28.037	6.53	1.169	1457.2
510	-0.07	-0.09	34.910	28.037	28.038	6.36	1.175	1457.3
520	-0.08	-0.10	34.909	28.037	28.038	6.35	1.182	1457.5
530	-0.09	-0.11	34.909	28.038	28.039	6.26	1.188	1457.7
540	-0.12	-0.14	34.910	28.040	28.041	6.03	1.194	1457.8
550	-0.13	-0.16	34.911	28.041	28.043	5.87	1.200	1458.0
560	-0.15	-0.17	34.910	28.041	28.042	5.88	1.206	1458.2
570	-0.16	-0.19	34.910	28.043	28.044	5.71	1.212	1458.3
580	-0.17	-0.20	34.910	28.043	28.044	5.67	1.218	1458.5
590	-0.19	-0.21	34.909	28.043	28.044	5.65	1.223	1458.7
600	-0.21	-0.24	34.910	28.045	28.046	5.41	1.229	1458.8
610	-0.24	-0.26	34.909	28.046	28.047	5.28	1.234	1459.0
620	-0.25	-0.28	34.909	28.046	28.048	5.17	1.239	1459.1
630	-0.26	-0.29	34.910	28.047	28.049	5.06	1.244	1459.3
640	-0.28	-0.30	34.911	28.049	28.050	4.88	1.249	1459.5
650	-0.28	-0.31	34.910	28.048	28.049	4.93	1.254	1459.6
660	-0.30	-0.33	34.909	28.049	28.050	4.83	1.259	1459.8
670	-0.32	-0.34	34.910	28.050	28.052	4.64	1.264	1460.0
680	-0.33	-0.36	34.911	28.051	28.052	4.54	1.269	1460.1
690	-0.34	-0.36	34.910	28.051	28.052	4.54	1.273	1460.3
700	-0.36	-0.38	34.911	28.053	28.054	4.31	1.278	1460.5
710	-0.37	-0.40	34.910	28.053	28.054	4.27	1.282	1460.6
720	-0.37	-0.40	34.910	28.053	28.054	4.25	1.286	1460.8
730	-0.39	-0.42	34.911	28.054	28.056	4.06	1.290	1461.0
740	-0.42	-0.44	34.909	28.054	28.056	4.02	1.294	1461.1
750	-0.43	-0.46	34.910	28.055	28.057	3.84	1.298	1461.3
760	-0.44	-0.47	34.911	28.057	28.058	3.70	1.302	1461.5
770	-0.45	-0.48	34.910	28.057	28.058	3.65	1.306	1461.6
780	-0.46	-0.49	34.911	28.058	28.059	3.55	1.309	1461.8
790	-0.47	-0.50	34.910	28.058	28.059	3.48	1.313	1461.9
800	-0.49	-0.52	34.911	28.059	28.060	3.33	1.316	1462.1
810	-0.50	-0.53	34.912	28.061	28.062	3.14	1.319	1462.3
820	-0.51	-0.54	34.911	28.060	28.062	3.12	1.323	1462.4
830	-0.51	-0.55	34.912	28.061	28.062	3.05	1.326	1462.6
840	-0.53	-0.56	34.911	28.061	28.063	2.96	1.329	1462.8
850	-0.54	-0.57	34.910	28.061	28.062	2.97	1.332	1462.9
860	-0.54	-0.58	34.912	28.062	28.064	2.82	1.334	1463.1
870	-0.55	-0.58	34.912	28.063	28.064	2.74	1.337	1463.3
880	-0.56	-0.59	34.910	28.062	28.063	2.79	1.340	1463.4
890	-0.57	-0.61	34.911	28.063	28.065	2.63	1.343	1463.6
900	-0.57	-0.61	34.912	28.064	28.066	2.50	1.345	1463.8
910	-0.59	-0.62	34.912	28.065	28.066	2.40	1.348	1463.9
920	-0.59	-0.63	34.914	28.067	28.068	2.19	1.350	1464.1
930	-0.60	-0.63	34.913	28.065	28.067	2.27	1.352	1464.3
940	-0.60	-0.64	34.913	28.066	28.067	2.23	1.355	1464.4
950	-0.61	-0.65	34.913	28.066	28.068	2.10	1.357	1464.6
960	-0.62	-0.65	34.913	28.066	28.068	2.07	1.359	1464.8
970	-0.62	-0.66	34.912	28.066	28.068	2.08	1.361	1464.9
980	-0.62	-0.66	34.912	28.066	28.068	2.07	1.363	1465.1
990	-0.63	-0.67	34.912	28.067	28.068	1.96	1.365	1465.3
1000	-0.63	-0.67	34.913	28.067	28.069	1.91	1.367	1465.4
1010	-0.64	-0.68	34.914	28.068	28.070	1.74	1.369	1465.6
1020	-0.64	-0.68	34.913	28.067	28.069	1.81	1.370	1465.8

1030	-0.64	-0.68	34.914	28.068	28.070	1.71	1.372	1465.9
1040	-0.64	-0.68	34.913	28.067	28.069	1.77	1.374	1466.1
1050	-0.64	-0.69	34.912	28.067	28.069	1.78	1.376	1466.3
1060	-0.65	-0.69	34.913	28.068	28.070	1.66	1.377	1466.4
1070	-0.65	-0.69	34.914	28.069	28.071	1.56	1.379	1466.6
1080	-0.65	-0.69	34.912	28.068	28.070	1.65	1.381	1466.8
1090	-0.65	-0.70	34.912	28.068	28.070	1.62	1.382	1466.9
1100	-0.65	-0.70	34.911	28.067	28.069	1.65	1.384	1467.1
1110	-0.66	-0.70	34.912	28.068	28.070	1.59	1.386	1467.2
1120	-0.66	-0.71	34.913	28.069	28.071	1.45	1.387	1467.4
1130	-0.66	-0.71	34.912	28.068	28.070	1.52	1.389	1467.6
1140	-0.66	-0.71	34.912	28.068	28.070	1.50	1.390	1467.7
1150	-0.67	-0.71	34.913	28.069	28.071	1.34	1.392	1467.9
1160	-0.67	-0.72	34.912	28.068	28.070	1.44	1.393	1468.1
1170	-0.67	-0.72	34.911	28.068	28.070	1.42	1.394	1468.2
1180	-0.67	-0.72	34.913	28.069	28.071	1.31	1.396	1468.4
1190	-0.67	-0.72	34.913	28.069	28.071	1.29	1.397	1468.6

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	5.53	5.53	33.722	26.600	26.600	142.76	0.071	1471.3
10	5.53	5.53	33.722	26.600	26.600	142.86	0.143	1471.4
20	5.53	5.52	33.725	26.603	26.603	142.66	0.286	1471.6
30	5.15	5.15	33.822	26.724	26.724	131.28	0.423	1470.3
40	3.95	3.95	34.212	27.164	27.164	89.57	0.533	1466.1
51	2.87	2.87	34.660	27.626	27.626	45.84	0.607	1462.2
60	3.01	3.01	34.787	27.714	27.715	37.55	0.645	1463.2
70	2.74	2.74	34.799	27.748	27.749	34.37	0.681	1462.2
80	2.50	2.49	34.793	27.765	27.765	32.83	0.715	1461.3
90	2.18	2.17	34.797	27.794	27.795	30.00	0.746	1460.1
100	1.92	1.92	34.797	27.815	27.815	28.03	0.775	1459.1
110	1.66	1.66	34.779	27.821	27.821	27.45	0.803	1458.1
120	1.30	1.29	34.801	27.865	27.866	23.17	0.828	1456.7
130	1.18	1.17	34.814	27.884	27.884	21.45	0.850	1456.3
140	1.00	0.99	34.821	27.902	27.902	19.70	0.871	1455.7
150	0.89	0.88	34.828	27.914	27.915	18.48	0.890	1455.4
160	0.86	0.86	34.829	27.917	27.917	18.26	0.908	1455.4
170	0.84	0.83	34.846	27.932	27.933	16.82	0.926	1455.5
180	0.84	0.83	34.860	27.943	27.944	15.79	0.942	1455.7
190	0.82	0.81	34.868	27.952	27.952	15.02	0.958	1455.8
200	0.80	0.79	34.876	27.959	27.959	14.37	0.972	1455.9
210	0.79	0.78	34.887	27.969	27.969	13.44	0.986	1456.0
220	0.81	0.80	34.896	27.974	27.975	12.92	0.999	1456.2
230	0.84	0.83	34.911	27.985	27.986	11.98	1.012	1456.6
240	0.85	0.83	34.915	27.987	27.988	11.77	1.024	1456.8
250	0.76	0.75	34.911	27.990	27.990	11.51	1.035	1456.6
260	0.74	0.73	34.915	27.994	27.995	11.07	1.047	1456.6
270	0.59	0.58	34.906	27.996	27.997	10.81	1.058	1456.1
280	0.59	0.58	34.910	28.000	28.000	10.51	1.068	1456.3
290	0.56	0.55	34.912	28.003	28.003	10.21	1.079	1456.3
300	0.57	0.56	34.919	28.008	28.009	9.69	1.089	1456.5
310	0.56	0.55	34.920	28.010	28.010	9.58	1.098	1456.6
320	0.46	0.45	34.913	28.009	28.010	9.51	1.108	1456.4
330	0.41	0.39	34.912	28.012	28.013	9.25	1.117	1456.3
340	0.25	0.23	34.904	28.015	28.016	8.81	1.126	1455.7
350	0.25	0.24	34.904	28.015	28.016	8.83	1.135	1455.9
360	0.27	0.26	34.909	28.017	28.018	8.62	1.144	1456.1
370	0.26	0.25	34.910	28.019	28.020	8.43	1.152	1456.3
380	0.19	0.17	34.910	28.023	28.024	7.99	1.160	1456.1
390	0.15	0.13	34.912	28.027	28.028	7.60	1.168	1456.1
400	0.15	0.13	34.906	28.022	28.023	8.05	1.176	1456.2
410	0.13	0.11	34.904	28.022	28.023	8.05	1.184	1456.3
420	0.15	0.14	34.915	28.029	28.030	7.45	1.192	1456.6
430	0.18	0.16	34.909	28.023	28.024	8.06	1.200	1456.9
440	0.17	0.15	34.915	28.029	28.030	7.48	1.207	1457.0
450	0.16	0.14	34.913	28.027	28.028	7.61	1.215	1457.1
460	0.14	0.13	34.915	28.030	28.031	7.33	1.222	1457.2
480	0.11	0.09	34.914	28.031	28.032	7.21	1.237	1457.4
490	0.10	0.08	34.915	28.032	28.033	7.09	1.244	1457.5
590	-0.12	-0.14	34.915	28.044	28.045	5.66	1.308	1458.7

600	-0.17	-0.19	34.914	28.046	28.047	5.38	1.313	1458.8
610	-0.20	-0.22	34.914	28.047	28.049	5.19	1.319	1459.0
620	-0.25	-0.27	34.913	28.049	28.050	4.92	1.324	1459.2
630	-0.28	-0.31	34.915	28.052	28.053	4.58	1.328	1459.3
640	-0.29	-0.32	34.916	28.053	28.055	4.44	1.333	1459.5
650	-0.31	-0.34	34.913	28.053	28.054	4.44	1.337	1459.6
660	-0.35	-0.38	34.914	28.055	28.057	4.12	1.342	1459.8
670	-0.36	-0.39	34.914	28.056	28.057	4.06	1.346	1460.0
680	-0.37	-0.40	34.914	28.056	28.057	4.00	1.350	1460.1
690	-0.40	-0.42	34.915	28.058	28.059	3.76	1.354	1460.3
700	-0.43	-0.46	34.914	28.059	28.060	3.61	1.357	1460.5
710	-0.45	-0.47	34.917	28.062	28.063	3.28	1.361	1460.6
730	-0.46	-0.49	34.914	28.061	28.062	3.33	1.367	1461.0
740	-0.47	-0.50	34.918	28.064	28.065	2.99	1.371	1461.1

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	5.24	5.24	33.659	26.585	26.585	144.21	0.072	1470.1
10	5.24	5.24	33.663	26.588	26.588	143.96	0.144	1470.2
20	5.30	5.30	33.732	26.635	26.636	139.59	0.286	1470.7
31	0.95	0.95	34.261	27.454	27.454	61.79	0.397	1453.0
40	0.03	0.03	34.412	27.630	27.630	45.02	0.445	1449.1
50	-0.35	-0.35	34.586	27.790	27.790	29.89	0.482	1449.4
60	-0.43	-0.43	34.628	27.827	27.827	26.31	0.510	1449.6
70	-0.42	-0.43	34.726	27.906	27.906	18.81	0.533	1449.9
80	-0.41	-0.42	34.749	27.925	27.925	17.07	0.551	1450.1
90	-0.31	-0.31	34.785	27.948	27.948	14.85	0.567	1450.3
100	-0.20	-0.20	34.806	27.960	27.961	13.73	0.581	1450.5
110	-0.10	-0.10	34.835	27.978	27.978	12.09	0.594	1450.7
120	0.01	0.00	34.853	27.987	27.987	11.25	0.606	1450.9
130	0.10	0.09	34.855	27.984	27.985	11.55	0.617	1451.5
140	0.10	0.09	34.864	27.991	27.992	10.89	0.628	1451.7
150	0.12	0.12	34.872	27.997	27.997	10.40	0.639	1452.0
160	0.13	0.12	34.877	28.000	28.001	10.05	0.649	1452.2
170	0.13	0.13	34.881	28.003	28.003	9.83	0.659	1452.4
180	0.15	0.14	34.886	28.006	28.006	9.54	0.669	1452.6
190	0.12	0.12	34.881	28.003	28.004	9.80	0.678	1452.6
200	0.12	0.11	34.889	28.010	28.010	9.15	0.688	1452.8
210	0.14	0.13	34.902	28.020	28.020	8.23	0.697	1453.0
219	0.12	0.11	34.893	28.014	28.014	8.80	0.704	1453.1
230	0.11	0.11	34.895	28.016	28.016	8.62	0.714	1453.3
240	0.05	0.04	34.897	28.020	28.021	8.15	0.722	1453.1
250	0.09	0.08	34.899	28.020	28.021	8.18	0.730	1453.5
260	0.06	0.05	34.898	28.021	28.021	8.12	0.739	1453.5
270	-0.06	-0.07	34.890	28.021	28.021	8.02	0.747	1453.4
280	-0.10	-0.11	34.887	28.020	28.021	8.00	0.755	1453.5
290	-0.10	-0.11	34.894	28.026	28.026	7.49	0.762	1453.7
300	-0.04	-0.05	34.901	28.028	28.029	7.31	0.770	1453.9
310	0.02	0.01	34.909	28.031	28.032	7.08	0.777	1454.2
320	0.01	0.00	34.909	28.032	28.033	6.98	0.784	1454.3
330	0.00	-0.02	34.909	28.033	28.034	6.87	0.791	1454.4
340	-0.03	-0.04	34.909	28.034	28.035	6.79	0.798	1454.6
350	-0.04	-0.06	34.909	28.035	28.036	6.66	0.804	1454.7
360	-0.07	-0.08	34.909	28.037	28.038	6.46	0.811	1454.9
370	-0.08	-0.09	34.910	28.038	28.038	6.38	0.817	1455.0
380	-0.09	-0.10	34.910	28.038	28.039	6.29	0.824	1455.2
390	-0.10	-0.11	34.911	28.039	28.040	6.17	0.830	1455.4
400	-0.13	-0.14	34.909	28.039	28.040	6.15	0.836	1455.5
410	-0.14	-0.16	34.911	28.042	28.042	5.91	0.842	1455.7
420	-0.15	-0.17	34.910	28.042	28.042	5.90	0.848	1455.9
430	-0.16	-0.18	34.911	28.043	28.044	5.77	0.854	1456.0
440	-0.19	-0.20	34.910	28.044	28.045	5.63	0.860	1456.2
450	-0.20	-0.22	34.910	28.044	28.045	5.62	0.865	1456.4
460	-0.21	-0.23	34.911	28.045	28.046	5.44	0.871	1456.5
470	-0.22	-0.24	34.911	28.045	28.046	5.42	0.876	1456.7
480	-0.25	-0.27	34.910	28.046	28.047	5.28	0.882	1456.8
490	-0.28	-0.30	34.909	28.048	28.049	5.09	0.887	1457.0

500	-0.30	-0.32	34.909	28.049	28.050	4.97	0.892	1457.2
510	-0.33	-0.35	34.908	28.049	28.050	4.92	0.897	1457.3
520	-0.35	-0.37	34.909	28.051	28.052	4.71	0.902	1457.5
530	-0.35	-0.37	34.909	28.051	28.052	4.71	0.906	1457.7
540	-0.36	-0.38	34.909	28.051	28.052	4.61	0.911	1457.8
550	-0.36	-0.38	34.911	28.053	28.055	4.39	0.915	1458.0
560	-0.38	-0.40	34.911	28.054	28.055	4.36	0.920	1458.2
570	-0.38	-0.40	34.911	28.054	28.055	4.30	0.924	1458.3
580	-0.39	-0.41	34.911	28.055	28.056	4.20	0.928	1458.5
590	-0.40	-0.43	34.911	28.055	28.056	4.11	0.933	1458.7
600	-0.42	-0.44	34.911	28.056	28.057	4.02	0.937	1458.8
610	-0.43	-0.46	34.911	28.056	28.058	3.92	0.941	1459.0
620	-0.44	-0.47	34.911	28.057	28.058	3.82	0.944	1459.2
630	-0.47	-0.49	34.911	28.058	28.059	3.72	0.948	1459.3
640	-0.48	-0.50	34.911	28.058	28.060	3.63	0.952	1459.5
650	-0.48	-0.51	34.912	28.060	28.061	3.46	0.955	1459.6
660	-0.50	-0.52	34.912	28.060	28.061	3.40	0.959	1459.8
670	-0.51	-0.53	34.911	28.060	28.061	3.39	0.962	1460.0
680	-0.52	-0.54	34.912	28.061	28.062	3.26	0.966	1460.1
690	-0.52	-0.55	34.911	28.061	28.062	3.24	0.969	1460.3
700	-0.53	-0.55	34.912	28.062	28.063	3.15	0.972	1460.5
710	-0.54	-0.56	34.911	28.062	28.063	3.11	0.975	1460.6
720	-0.55	-0.58	34.913	28.064	28.065	2.87	0.978	1460.8
730	-0.56	-0.59	34.912	28.063	28.065	2.86	0.981	1461.0
740	-0.57	-0.60	34.912	28.064	28.065	2.82	0.984	1461.1
750	-0.58	-0.61	34.913	28.065	28.066	2.66	0.987	1461.3
760	-0.59	-0.62	34.914	28.066	28.067	2.53	0.989	1461.5
770	-0.59	-0.62	34.912	28.065	28.066	2.60	0.992	1461.6
779	-0.59	-0.62	34.913	28.066	28.067	2.49	0.994	1461.8
790	-0.60	-0.63	34.913	28.066	28.068	2.41	0.996	1462.0
800	-0.61	-0.65	34.913	28.066	28.068	2.36	0.999	1462.1
810	-0.62	-0.65	34.913	28.066	28.068	2.33	1.001	1462.3
820	-0.62	-0.65	34.912	28.066	28.068	2.32	1.003	1462.4
830	-0.63	-0.66	34.912	28.066	28.068	2.29	1.006	1462.6
840	-0.64	-0.67	34.913	28.068	28.069	2.12	1.008	1462.8
850	-0.64	-0.68	34.913	28.068	28.069	2.08	1.010	1462.9
860	-0.66	-0.69	34.912	28.068	28.069	2.00	1.012	1463.1
870	-0.67	-0.70	34.913	28.069	28.071	1.86	1.014	1463.3
880	-0.68	-0.71	34.912	28.069	28.070	1.86	1.016	1463.4
890	-0.68	-0.71	34.912	28.069	28.071	1.80	1.018	1463.6
900	-0.68	-0.72	34.913	28.070	28.071	1.71	1.019	1463.8
910	-0.68	-0.72	34.912	28.069	28.071	1.75	1.021	1463.9
920	-0.69	-0.72	34.912	28.069	28.070	1.75	1.023	1464.1
930	-0.69	-0.73	34.913	28.070	28.071	1.63	1.025	1464.3
940	-0.69	-0.73	34.916	28.072	28.074	1.37	1.026	1464.4
950	-0.70	-0.74	34.913	28.070	28.072	1.54	1.027	1464.6
960	-0.70	-0.74	34.913	28.070	28.072	1.50	1.029	1464.8
970	-0.71	-0.75	34.913	28.071	28.073	1.40	1.030	1464.9
980	-0.71	-0.75	34.914	28.072	28.073	1.28	1.032	1465.1
990	-0.71	-0.75	34.913	28.071	28.073	1.30	1.033	1465.3
1000	-0.72	-0.76	34.913	28.071	28.073	1.26	1.034	1465.4
1010	-0.72	-0.76	34.914	28.072	28.074	1.17	1.036	1465.6
1020	-0.72	-0.76	34.915	28.073	28.075	1.08	1.037	1465.8
1030	-0.72	-0.76	34.913	28.071	28.073	1.19	1.038	1465.9

1040	-0.72	-0.76	34.914	28.072	28.074	1.10	1.039	1466.1
1050	-0.72	-0.76	34.914	28.072	28.074	1.09	1.040	1466.3
1060	-0.73	-0.77	34.913	28.072	28.074	1.07	1.041	1466.4
1070	-0.74	-0.78	34.914	28.073	28.074	0.96	1.042	1466.6
1080	-0.74	-0.78	34.913	28.072	28.074	0.94	1.043	1466.8
1090	-0.74	-0.78	34.913	28.072	28.074	0.92	1.044	1466.9
1100	-0.74	-0.79	34.915	28.074	28.076	0.76	1.045	1467.1
1110	-0.74	-0.79	34.913	28.072	28.074	0.87	1.046	1467.3
1120	-0.75	-0.79	34.913	28.073	28.075	0.81	1.047	1467.4
1130	-0.75	-0.80	34.914	28.073	28.075	0.72	1.047	1467.6
1140	-0.75	-0.80	34.916	28.075	28.077	0.54	1.048	1467.8
1150	-0.75	-0.80	34.913	28.073	28.075	0.74	1.049	1467.9
1160	-0.76	-0.81	34.913	28.073	28.075	0.63	1.049	1468.1
1170	-0.76	-0.81	34.914	28.074	28.076	0.55	1.050	1468.2
1180	-0.76	-0.81	34.914	28.074	28.076	0.52	1.050	1468.4
1190	-0.76	-0.81	34.913	28.073	28.075	0.55	1.051	1468.6
1199	-0.77	-0.82	34.914	28.074	28.077	0.41	1.052	1468.7
1210	-0.77	-0.82	34.913	28.074	28.076	0.46	1.052	1468.9
1220	-0.77	-0.82	34.914	28.074	28.076	0.39	1.053	1469.1
1230	-0.77	-0.82	34.913	28.074	28.076	0.39	1.053	1469.2
1240	-0.78	-0.83	34.914	28.075	28.077	0.30	1.054	1469.4
1250	-0.77	-0.83	34.913	28.074	28.076	0.36	1.054	1469.6
1260	-0.78	-0.83	34.913	28.074	28.076	0.32	1.054	1469.7
1270	-0.78	-0.83	34.913	28.074	28.076	0.26	1.055	1469.9
1280	-0.78	-0.84	34.912	28.074	28.076	0.28	1.055	1470.1
1290	-0.78	-0.84	34.914	28.074	28.077	0.18	1.055	1470.2
1300	-0.78	-0.84	34.913	28.074	28.076	0.19	1.055	1470.4

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	6.05	6.05	34.325	27.013	27.013	103.58	0.052	1474.2
10	6.05	6.05	34.325	27.013	27.013	103.65	0.104	1474.2
20	6.04	6.04	34.323	27.013	27.013	103.82	0.207	1474.4
30	5.87	5.87	34.306	27.021	27.021	103.22	0.311	1473.9
40	1.17	1.17	34.572	27.690	27.690	39.55	0.382	1454.5
50	0.46	0.46	34.710	27.847	27.847	24.60	0.414	1451.7
60	0.19	0.19	34.730	27.878	27.878	21.64	0.437	1450.6
70	-0.12	-0.12	34.782	27.936	27.937	16.03	0.456	1450.0
80	-0.20	-0.20	34.805	27.960	27.960	13.82	0.471	1450.2
90	-0.21	-0.21	34.809	27.963	27.963	13.49	0.485	1450.3
100	-0.17	-0.17	34.823	27.972	27.972	12.62	0.498	1450.5
110	-0.11	-0.11	34.839	27.982	27.982	11.74	0.510	1450.7
120	-0.08	-0.09	34.843	27.984	27.984	11.51	0.522	1450.9
130	-0.13	-0.14	34.843	27.987	27.987	11.25	0.533	1451.0
140	-0.18	-0.19	34.842	27.989	27.989	11.04	0.544	1451.2
150	-0.21	-0.22	34.840	27.989	27.989	11.03	0.555	1451.4
160	-0.24	-0.24	34.839	27.989	27.989	11.00	0.566	1451.5
170	-0.27	-0.28	34.840	27.991	27.991	10.75	0.577	1451.7
180	-0.29	-0.29	34.842	27.993	27.994	10.50	0.588	1451.9
190	-0.23	-0.24	34.851	27.998	27.998	10.11	0.598	1452.0
200	-0.25	-0.26	34.848	27.997	27.997	10.17	0.608	1452.2
210	-0.43	-0.44	34.838	27.997	27.998	10.03	0.618	1452.3
220	-0.38	-0.39	34.852	28.006	28.006	9.21	0.628	1452.5
230	-0.34	-0.35	34.868	28.017	28.017	8.19	0.637	1452.7
240	-0.30	-0.31	34.863	28.011	28.012	8.74	0.645	1452.9
250	-0.16	-0.17	34.872	28.011	28.012	8.83	0.654	1453.0
260	-0.33	-0.33	34.864	28.013	28.014	8.53	0.663	1453.2
270	-0.14	-0.15	34.878	28.015	28.016	8.47	0.671	1453.4
280	-0.11	-0.12	34.884	28.019	28.019	8.14	0.679	1453.5
290	-0.05	-0.06	34.888	28.019	28.019	8.20	0.688	1453.7
300	-0.02	-0.03	34.892	28.020	28.021	8.10	0.696	1453.9
310	-0.03	-0.04	34.889	28.018	28.019	8.25	0.704	1454.0
320	-0.04	-0.05	34.891	28.021	28.021	8.02	0.712	1454.2
330	-0.07	-0.08	34.893	28.023	28.024	7.74	0.720	1454.4
340	0.03	0.01	34.904	28.027	28.028	7.44	0.727	1454.7
350	0.00	-0.02	34.900	28.025	28.026	7.61	0.735	1454.7
360	-0.05	-0.06	34.902	28.029	28.030	7.18	0.742	1454.9
370	-0.06	-0.07	34.900	28.029	28.030	7.23	0.750	1455.0
380	-0.06	-0.07	34.903	28.031	28.032	7.03	0.757	1455.2
390	-0.08	-0.10	34.901	28.030	28.031	7.04	0.764	1455.4
400	-0.09	-0.10	34.902	28.032	28.033	6.85	0.771	1455.5
410	-0.10	-0.11	34.901	28.032	28.033	6.88	0.778	1455.7
420	-0.13	-0.15	34.903	28.035	28.036	6.53	0.784	1455.9
430	-0.16	-0.18	34.902	28.036	28.037	6.39	0.791	1456.0
440	-0.17	-0.19	34.903	28.037	28.038	6.30	0.797	1456.2
450	-0.19	-0.21	34.901	28.037	28.038	6.27	0.803	1456.3
460	-0.21	-0.23	34.902	28.039	28.039	6.09	0.810	1456.5
470	-0.22	-0.24	34.904	28.040	28.041	5.89	0.816	1456.7
480	-0.23	-0.25	34.904	28.041	28.042	5.85	0.821	1456.8
490	-0.25	-0.27	34.905	28.042	28.043	5.67	0.827	1457.0

500	-0.28	-0.30	34.905	28.044	28.045	5.46	0.833	1457.2
510	-0.33	-0.35	34.905	28.047	28.048	5.14	0.838	1457.3
520	-0.33	-0.35	34.906	28.048	28.048	5.03	0.843	1457.5
530	-0.34	-0.36	34.907	28.048	28.049	4.93	0.848	1457.7
540	-0.34	-0.36	34.905	28.047	28.048	5.01	0.853	1457.8
550	-0.35	-0.37	34.904	28.047	28.048	4.98	0.858	1458.0
560	-0.37	-0.40	34.907	28.050	28.051	4.67	0.863	1458.2
570	-0.38	-0.41	34.905	28.050	28.051	4.71	0.868	1458.3
580	-0.40	-0.42	34.906	28.051	28.052	4.56	0.872	1458.5
590	-0.41	-0.43	34.908	28.053	28.054	4.28	0.877	1458.7
600	-0.43	-0.45	34.909	28.054	28.055	4.14	0.881	1458.8
610	-0.45	-0.47	34.909	28.055	28.057	4.00	0.885	1459.0
620	-0.45	-0.47	34.908	28.055	28.056	4.06	0.889	1459.1
630	-0.45	-0.48	34.908	28.055	28.057	3.96	0.893	1459.3
640	-0.46	-0.48	34.909	28.056	28.057	3.91	0.897	1459.5
650	-0.46	-0.49	34.908	28.055	28.056	3.96	0.901	1459.6
660	-0.48	-0.51	34.908	28.056	28.058	3.79	0.905	1459.8
670	-0.49	-0.52	34.909	28.058	28.059	3.65	0.908	1460.0
680	-0.51	-0.54	34.908	28.058	28.059	3.52	0.912	1460.1
690	-0.53	-0.55	34.910	28.060	28.061	3.32	0.915	1460.3
700	-0.54	-0.56	34.909	28.060	28.061	3.32	0.919	1460.5
710	-0.54	-0.57	34.910	28.061	28.062	3.19	0.922	1460.6
720	-0.55	-0.57	34.910	28.061	28.062	3.16	0.925	1460.8
730	-0.55	-0.58	34.911	28.062	28.063	3.05	0.928	1461.0
740	-0.56	-0.59	34.909	28.061	28.062	3.08	0.931	1461.1
750	-0.56	-0.59	34.909	28.061	28.062	3.08	0.934	1461.3
760	-0.57	-0.60	34.909	28.061	28.062	3.02	0.937	1461.5
770	-0.58	-0.61	34.910	28.062	28.064	2.88	0.940	1461.6
780	-0.58	-0.61	34.911	28.064	28.065	2.73	0.943	1461.8
790	-0.59	-0.62	34.910	28.063	28.064	2.77	0.946	1461.9
800	-0.59	-0.62	34.909	28.062	28.064	2.78	0.949	1462.1
810	-0.60	-0.63	34.910	28.063	28.065	2.68	0.951	1462.3
820	-0.60	-0.63	34.910	28.063	28.065	2.63	0.954	1462.4
830	-0.61	-0.64	34.911	28.065	28.066	2.47	0.957	1462.6
840	-0.61	-0.65	34.912	28.065	28.067	2.39	0.959	1462.8
850	-0.62	-0.65	34.911	28.065	28.066	2.44	0.962	1462.9
860	-0.62	-0.65	34.911	28.065	28.067	2.36	0.964	1463.1
870	-0.62	-0.65	34.910	28.065	28.066	2.39	0.966	1463.3
880	-0.62	-0.66	34.911	28.065	28.067	2.30	0.969	1463.4
890	-0.62	-0.66	34.910	28.064	28.066	2.38	0.971	1463.6
900	-0.63	-0.67	34.912	28.067	28.068	2.12	0.973	1463.8
910	-0.63	-0.67	34.911	28.066	28.068	2.16	0.975	1463.9
920	-0.63	-0.67	34.911	28.066	28.068	2.13	0.978	1464.1
930	-0.64	-0.67	34.913	28.068	28.070	1.93	0.980	1464.3
940	-0.64	-0.68	34.912	28.067	28.068	2.02	0.982	1464.4
950	-0.64	-0.68	34.911	28.066	28.068	2.06	0.984	1464.6
960	-0.64	-0.68	34.911	28.066	28.068	2.04	0.986	1464.8
970	-0.65	-0.69	34.912	28.067	28.069	1.89	0.988	1464.9
980	-0.66	-0.69	34.910	28.066	28.068	1.97	0.990	1465.1
990	-0.66	-0.70	34.911	28.067	28.069	1.84	0.991	1465.3
1000	-0.66	-0.70	34.911	28.067	28.069	1.83	0.993	1465.4
1010	-0.67	-0.71	34.910	28.067	28.069	1.79	0.995	1465.6
1020	-0.67	-0.71	34.911	28.067	28.069	1.75	0.997	1465.8
1030	-0.67	-0.72	34.911	28.068	28.069	1.68	0.999	1465.9
1040	-0.68	-0.72	34.911	28.067	28.069	1.66	1.000	1466.1

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	6.06	6.06	34.298	26.991	26.991	105.72	0.053	1474.2
10	6.07	6.07	34.301	26.992	26.992	105.67	0.106	1474.3
20	6.06	6.06	34.315	27.003	27.004	104.73	0.211	1474.5
30	5.37	5.37	34.284	27.064	27.064	99.06	0.313	1471.8
40	2.62	2.61	34.423	27.459	27.459	61.51	0.393	1460.7
50	0.52	0.52	34.612	27.764	27.764	32.47	0.440	1451.8
60	-0.08	-0.08	34.697	27.866	27.866	22.74	0.468	1449.7
70	-0.21	-0.21	34.716	27.888	27.888	20.58	0.489	1449.9
80	-0.31	-0.31	34.739	27.912	27.912	18.33	0.509	1450.1
90	-0.44	-0.45	34.763	27.937	27.937	15.85	0.526	1450.3
100	-0.48	-0.48	34.782	27.954	27.954	14.23	0.541	1450.5
110	-0.47	-0.47	34.801	27.969	27.969	12.84	0.554	1450.7
120	-0.47	-0.47	34.806	27.973	27.973	12.43	0.567	1450.8
130	-0.41	-0.41	34.825	27.986	27.986	11.23	0.579	1451.0
140	-0.22	-0.23	34.841	27.990	27.990	10.90	0.590	1451.2
150	-0.12	-0.13	34.858	27.998	27.998	10.17	0.601	1451.4
160	-0.21	-0.22	34.846	27.993	27.993	10.59	0.611	1451.5
170	-0.21	-0.22	34.853	27.998	27.999	10.09	0.621	1451.7
180	-0.20	-0.20	34.852	27.997	27.998	10.17	0.631	1451.9
190	-0.22	-0.22	34.861	28.005	28.005	9.42	0.641	1452.0
200	-0.17	-0.18	34.866	28.007	28.007	9.29	0.651	1452.2
210	-0.22	-0.22	34.862	28.006	28.007	9.28	0.660	1452.4
220	-0.23	-0.24	34.864	28.009	28.009	9.03	0.669	1452.5
230	-0.22	-0.23	34.867	28.010	28.011	8.89	0.678	1452.7
240	-0.20	-0.21	34.869	28.011	28.011	8.85	0.687	1452.9
250	-0.18	-0.19	34.872	28.013	28.013	8.69	0.696	1453.0
260	-0.16	-0.17	34.875	28.014	28.015	8.56	0.704	1453.2
270	-0.11	-0.12	34.883	28.018	28.018	8.23	0.713	1453.4
280	-0.08	-0.09	34.889	28.021	28.021	7.99	0.721	1453.5
290	-0.08	-0.09	34.889	28.021	28.021	8.00	0.729	1453.7
300	-0.07	-0.08	34.892	28.023	28.023	7.79	0.737	1453.9
310	-0.07	-0.08	34.893	28.024	28.024	7.72	0.744	1454.0
320	-0.07	-0.08	34.894	28.024	28.025	7.66	0.752	1454.2
330	-0.07	-0.08	34.895	28.025	28.026	7.59	0.760	1454.4
340	-0.08	-0.09	34.895	28.026	28.027	7.49	0.767	1454.5
350	-0.11	-0.12	34.894	28.027	28.027	7.38	0.775	1454.7
360	-0.10	-0.12	34.897	28.029	28.029	7.18	0.782	1454.9
370	-0.13	-0.14	34.896	28.029	28.030	7.09	0.789	1455.0
380	-0.14	-0.16	34.895	28.029	28.030	7.11	0.796	1455.2
390	-0.17	-0.19	34.896	28.031	28.032	6.86	0.803	1455.4
400	-0.19	-0.20	34.897	28.033	28.034	6.69	0.810	1455.5
410	-0.19	-0.21	34.900	28.036	28.037	6.40	0.816	1455.7
420	-0.20	-0.22	34.898	28.035	28.036	6.48	0.823	1455.9
430	-0.22	-0.24	34.899	28.036	28.037	6.33	0.829	1456.0
440	-0.23	-0.25	34.898	28.036	28.037	6.29	0.836	1456.2
450	-0.25	-0.26	34.900	28.038	28.039	6.06	0.842	1456.3
460	-0.26	-0.28	34.898	28.037	28.038	6.14	0.848	1456.5
470	-0.29	-0.31	34.899	28.040	28.041	5.83	0.854	1456.7
480	-0.29	-0.31	34.901	28.042	28.043	5.66	0.860	1456.8
490	-0.32	-0.33	34.900	28.042	28.043	5.60	0.865	1457.0

500	-0.33	-0.35	34.901	28.043	28.044	5.48	0.871	1457.2
510	-0.34	-0.36	34.901	28.044	28.045	5.38	0.876	1457.3
520	-0.35	-0.37	34.902	28.045	28.046	5.26	0.882	1457.5
530	-0.36	-0.38	34.900	28.044	28.045	5.27	0.887	1457.7
540	-0.37	-0.39	34.903	28.046	28.047	5.05	0.892	1457.8
550	-0.39	-0.41	34.902	28.047	28.048	4.95	0.897	1458.0
560	-0.40	-0.42	34.902	28.048	28.049	4.85	0.902	1458.2
570	-0.40	-0.43	34.903	28.048	28.049	4.78	0.907	1458.3
580	-0.41	-0.43	34.903	28.049	28.050	4.71	0.911	1458.5
590	-0.42	-0.44	34.903	28.049	28.050	4.69	0.916	1458.6
600	-0.44	-0.46	34.903	28.050	28.051	4.52	0.921	1458.8
610	-0.45	-0.47	34.904	28.052	28.053	4.34	0.925	1459.0
620	-0.46	-0.48	34.904	28.052	28.053	4.30	0.929	1459.1
630	-0.47	-0.49	34.904	28.053	28.054	4.18	0.934	1459.3
640	-0.48	-0.50	34.904	28.053	28.054	4.16	0.938	1459.5
650	-0.49	-0.52	34.904	28.054	28.055	4.00	0.942	1459.6
660	-0.51	-0.53	34.905	28.055	28.056	3.87	0.946	1459.8
670	-0.51	-0.54	34.906	28.056	28.058	3.70	0.950	1460.0
680	-0.52	-0.55	34.905	28.056	28.057	3.73	0.953	1460.1
690	-0.53	-0.55	34.906	28.057	28.058	3.64	0.957	1460.3
700	-0.54	-0.56	34.906	28.057	28.058	3.55	0.961	1460.5
710	-0.55	-0.58	34.905	28.057	28.058	3.53	0.964	1460.6
720	-0.56	-0.59	34.906	28.058	28.059	3.39	0.968	1460.8
730	-0.56	-0.59	34.906	28.058	28.060	3.33	0.971	1461.0
740	-0.57	-0.60	34.907	28.059	28.061	3.20	0.974	1461.1
750	-0.58	-0.61	34.908	28.061	28.062	3.02	0.977	1461.3
760	-0.58	-0.61	34.907	28.060	28.062	3.04	0.980	1461.5
770	-0.59	-0.62	34.906	28.060	28.061	3.06	0.983	1461.6
780	-0.60	-0.63	34.907	28.061	28.062	2.95	0.986	1461.8
790	-0.61	-0.64	34.908	28.062	28.064	2.78	0.989	1461.9
800	-0.62	-0.65	34.906	28.061	28.063	2.83	0.992	1462.1
810	-0.62	-0.65	34.907	28.062	28.063	2.73	0.995	1462.3
820	-0.63	-0.66	34.909	28.063	28.065	2.56	0.998	1462.4
830	-0.63	-0.66	34.908	28.063	28.065	2.57	1.000	1462.6
840	-0.63	-0.67	34.908	28.063	28.065	2.55	1.003	1462.8
850	-0.64	-0.67	34.907	28.063	28.064	2.53	1.005	1462.9
860	-0.65	-0.68	34.908	28.064	28.065	2.43	1.008	1463.1
870	-0.65	-0.69	34.907	28.064	28.065	2.38	1.010	1463.3
880	-0.66	-0.70	34.908	28.065	28.066	2.27	1.012	1463.4
890	-0.67	-0.71	34.909	28.066	28.068	2.07	1.015	1463.6
900	-0.67	-0.71	34.909	28.066	28.068	2.06	1.017	1463.8
910	-0.67	-0.71	34.909	28.066	28.068	2.05	1.019	1463.9
920	-0.68	-0.72	34.908	28.066	28.067	2.05	1.021	1464.1
930	-0.69	-0.73	34.909	28.067	28.068	1.90	1.023	1464.3
940	-0.70	-0.73	34.909	28.067	28.069	1.85	1.025	1464.4
950	-0.70	-0.74	34.909	28.067	28.069	1.80	1.026	1464.6
960	-0.71	-0.75	34.909	28.068	28.069	1.69	1.028	1464.8
970	-0.71	-0.75	34.909	28.068	28.070	1.66	1.030	1464.9
980	-0.72	-0.76	34.908	28.067	28.069	1.66	1.032	1465.1
990	-0.72	-0.76	34.910	28.069	28.071	1.46	1.033	1465.3
1000	-0.73	-0.77	34.909	28.068	28.070	1.54	1.035	1465.4
1010	-0.73	-0.77	34.910	28.069	28.071	1.44	1.036	1465.6
1020	-0.73	-0.77	34.910	28.069	28.071	1.39	1.038	1465.8
1030	-0.73	-0.77	34.909	28.069	28.071	1.40	1.039	1465.9

1040	-0.74	-0.78	34.910	28.070	28.071	1.30	1.040	1466.1
1050	-0.74	-0.78	34.910	28.070	28.071	1.26	1.042	1466.3
1060	-0.74	-0.78	34.910	28.070	28.072	1.22	1.043	1466.4
1070	-0.74	-0.79	34.909	28.069	28.071	1.24	1.044	1466.6
1080	-0.75	-0.79	34.910	28.070	28.072	1.16	1.045	1466.7
1090	-0.75	-0.79	34.910	28.070	28.072	1.07	1.046	1466.9
1100	-0.76	-0.80	34.908	28.069	28.071	1.16	1.047	1467.1
1110	-0.76	-0.80	34.910	28.070	28.072	1.02	1.049	1467.2
1120	-0.76	-0.80	34.910	28.070	28.072	0.98	1.050	1467.4
1130	-0.76	-0.80	34.910	28.070	28.072	0.96	1.051	1467.6
1140	-0.76	-0.81	34.909	28.070	28.072	1.00	1.051	1467.7
1150	-0.76	-0.81	34.910	28.071	28.073	0.89	1.052	1467.9
1160	-0.76	-0.81	34.909	28.070	28.072	0.95	1.053	1468.1
1170	-0.77	-0.81	34.909	28.070	28.072	0.88	1.054	1468.2
1180	-0.77	-0.82	34.910	28.071	28.073	0.78	1.055	1468.4
1190	-0.77	-0.82	34.909	28.070	28.072	0.83	1.056	1468.6

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
6	5.84	5.84	34.555	27.221	27.222	83.86	0.050	1473.6
10	5.84	5.84	34.555	27.222	27.222	83.86	0.084	1473.7
20	5.84	5.83	34.556	27.223	27.223	83.92	0.168	1473.9
30	5.80	5.79	34.556	27.227	27.228	83.63	0.252	1473.9
40	1.80	1.79	34.516	27.600	27.600	48.12	0.317	1457.2
50	0.75	0.74	34.643	27.775	27.775	31.41	0.357	1452.9
60	0.16	0.16	34.698	27.853	27.854	23.93	0.385	1450.4
70	-0.16	-0.17	34.711	27.882	27.882	21.20	0.407	1449.9
80	-0.31	-0.31	34.745	27.916	27.916	17.92	0.427	1450.1
90	-0.46	-0.46	34.765	27.939	27.939	15.66	0.444	1450.3
100	-0.51	-0.51	34.784	27.958	27.958	13.90	0.459	1450.5
110	-0.49	-0.49	34.804	27.973	27.973	12.46	0.472	1450.7
120	-0.43	-0.44	34.825	27.987	27.987	11.14	0.484	1450.9
130	-0.39	-0.40	34.836	27.994	27.994	10.45	0.494	1451.0
140	-0.36	-0.36	34.844	27.998	27.998	10.06	0.505	1451.2
150	-0.34	-0.35	34.850	28.003	28.003	9.65	0.514	1451.4
160	-0.33	-0.33	34.851	28.003	28.003	9.63	0.524	1451.5
170	-0.32	-0.32	34.854	28.005	28.005	9.44	0.534	1451.7
180	-0.27	-0.27	34.862	28.008	28.009	9.11	0.543	1451.9
190	-0.21	-0.22	34.866	28.009	28.009	9.05	0.552	1452.0
200	-0.16	-0.17	34.872	28.011	28.012	8.85	0.561	1452.2
210	-0.13	-0.14	34.875	28.013	28.013	8.76	0.570	1452.4
220	-0.16	-0.17	34.874	28.013	28.013	8.72	0.578	1452.5
230	-0.20	-0.20	34.878	28.018	28.019	8.16	0.587	1452.7
240	-0.13	-0.14	34.881	28.018	28.018	8.26	0.595	1452.9
250	-0.11	-0.12	34.882	28.017	28.017	8.34	0.603	1453.0
260	-0.10	-0.11	34.887	28.020	28.021	8.02	0.612	1453.2
270	-0.06	-0.07	34.893	28.023	28.024	7.77	0.619	1453.4
280	-0.06	-0.07	34.892	28.022	28.023	7.89	0.627	1453.6
290	-0.05	-0.06	34.894	28.023	28.024	7.80	0.635	1453.7
300	-0.03	-0.04	34.897	28.025	28.026	7.62	0.643	1453.9
310	-0.03	-0.04	34.897	28.025	28.025	7.64	0.650	1454.0
320	-0.05	-0.06	34.898	28.026	28.027	7.49	0.658	1454.2
330	-0.05	-0.06	34.898	28.027	28.027	7.44	0.666	1454.4
339	-0.06	-0.08	34.899	28.028	28.029	7.26	0.672	1454.5
350	-0.07	-0.08	34.901	28.030	28.031	7.09	0.679	1454.7
360	-0.08	-0.09	34.900	28.030	28.031	7.08	0.686	1454.9
370	-0.10	-0.11	34.901	28.031	28.032	6.93	0.693	1455.0
380	-0.11	-0.12	34.901	28.032	28.033	6.85	0.700	1455.2
390	-0.12	-0.14	34.902	28.034	28.035	6.67	0.707	1455.4
400	-0.13	-0.15	34.902	28.034	28.035	6.61	0.713	1455.5
410	-0.14	-0.16	34.901	28.034	28.034	6.66	0.720	1455.7
420	-0.18	-0.19	34.901	28.035	28.036	6.44	0.727	1455.9
430	-0.20	-0.22	34.902	28.037	28.038	6.23	0.733	1456.0
440	-0.22	-0.23	34.901	28.038	28.038	6.19	0.739	1456.2
450	-0.24	-0.25	34.902	28.040	28.041	5.94	0.745	1456.3
460	-0.24	-0.26	34.903	28.040	28.041	5.88	0.751	1456.5
470	-0.26	-0.28	34.903	28.042	28.043	5.69	0.757	1456.7
480	-0.27	-0.29	34.904	28.043	28.044	5.58	0.763	1456.8
490	-0.29	-0.31	34.904	28.044	28.045	5.49	0.768	1457.0

500	-0.30	-0.32	34.905	28.045	28.046	5.33	0.774	1457.2
510	-0.31	-0.33	34.904	28.045	28.046	5.31	0.779	1457.3
520	-0.32	-0.34	34.905	28.046	28.047	5.17	0.784	1457.5
530	-0.33	-0.35	34.905	28.046	28.047	5.12	0.789	1457.7
540	-0.36	-0.38	34.905	28.048	28.049	4.92	0.794	1457.8
550	-0.37	-0.39	34.905	28.049	28.050	4.80	0.799	1458.0
560	-0.38	-0.40	34.906	28.050	28.051	4.67	0.804	1458.2
570	-0.40	-0.42	34.907	28.051	28.052	4.54	0.808	1458.3
580	-0.41	-0.43	34.907	28.052	28.053	4.45	0.813	1458.5
590	-0.42	-0.44	34.907	28.053	28.054	4.33	0.817	1458.7
600	-0.43	-0.46	34.906	28.053	28.054	4.30	0.822	1458.8
610	-0.44	-0.47	34.906	28.053	28.054	4.23	0.826	1459.0
620	-0.45	-0.48	34.908	28.055	28.056	4.02	0.830	1459.1
630	-0.46	-0.49	34.908	28.055	28.056	3.97	0.834	1459.3
640	-0.48	-0.51	34.909	28.057	28.059	3.71	0.838	1459.5
650	-0.48	-0.51	34.908	28.056	28.057	3.80	0.842	1459.6
660	-0.49	-0.52	34.907	28.056	28.057	3.79	0.845	1459.8
670	-0.50	-0.53	34.908	28.057	28.059	3.64	0.849	1460.0
680	-0.51	-0.54	34.909	28.059	28.060	3.47	0.853	1460.1
690	-0.53	-0.55	34.908	28.059	28.060	3.45	0.856	1460.3
700	-0.53	-0.56	34.908	28.059	28.060	3.39	0.860	1460.5
710	-0.54	-0.57	34.910	28.060	28.062	3.21	0.863	1460.6
720	-0.55	-0.58	34.909	28.060	28.062	3.17	0.866	1460.8
730	-0.56	-0.59	34.909	28.061	28.062	3.13	0.869	1461.0
740	-0.57	-0.59	34.909	28.061	28.062	3.05	0.872	1461.1
750	-0.57	-0.60	34.909	28.061	28.063	3.02	0.875	1461.3
760	-0.58	-0.61	34.909	28.062	28.063	2.95	0.878	1461.5
770	-0.58	-0.61	34.910	28.062	28.064	2.85	0.881	1461.6
780	-0.58	-0.61	34.910	28.062	28.064	2.83	0.884	1461.8
790	-0.60	-0.63	34.910	28.063	28.065	2.70	0.887	1461.9
800	-0.61	-0.64	34.911	28.064	28.066	2.55	0.889	1462.1
810	-0.62	-0.65	34.910	28.064	28.066	2.51	0.892	1462.3
820	-0.63	-0.66	34.911	28.065	28.067	2.38	0.894	1462.4
830	-0.64	-0.67	34.911	28.066	28.067	2.29	0.897	1462.6
840	-0.64	-0.67	34.910	28.066	28.067	2.31	0.899	1462.8
850	-0.64	-0.67	34.910	28.066	28.067	2.28	0.901	1462.9
860	-0.65	-0.68	34.911	28.067	28.068	2.14	0.904	1463.1
870	-0.66	-0.69	34.910	28.066	28.068	2.13	0.906	1463.3
880	-0.66	-0.70	34.910	28.066	28.068	2.11	0.908	1463.4
890	-0.67	-0.71	34.913	28.069	28.070	1.82	0.910	1463.6
900	-0.68	-0.71	34.912	28.069	28.070	1.80	0.912	1463.8
910	-0.68	-0.72	34.912	28.069	28.071	1.74	0.913	1463.9
920	-0.69	-0.72	34.911	28.068	28.070	1.80	0.915	1464.1
930	-0.69	-0.73	34.912	28.069	28.071	1.69	0.917	1464.3
939	-0.70	-0.74	34.911	28.069	28.070	1.69	0.919	1464.4
950	-0.71	-0.74	34.912	28.070	28.072	1.53	0.920	1464.6
960	-0.71	-0.75	34.912	28.070	28.072	1.46	0.921	1464.8
970	-0.71	-0.75	34.912	28.070	28.072	1.45	0.923	1464.9
980	-0.72	-0.76	34.912	28.070	28.072	1.40	0.924	1465.1
990	-0.72	-0.76	34.912	28.071	28.072	1.33	0.925	1465.3
1000	-0.73	-0.77	34.912	28.071	28.073	1.25	0.927	1465.4
1010	-0.73	-0.77	34.912	28.071	28.073	1.23	0.928	1465.6
1020	-0.73	-0.77	34.912	28.071	28.073	1.19	0.929	1465.8
1030	-0.73	-0.78	34.912	28.071	28.073	1.21	0.930	1465.9

1040	-0.74	-0.78	34.911	28.070	28.072	1.25	0.931	1466.1
1050	-0.74	-0.78	34.911	28.071	28.072	1.19	0.933	1466.3
1060	-0.74	-0.78	34.913	28.072	28.074	1.00	0.934	1466.4
1070	-0.74	-0.78	34.912	28.071	28.073	1.07	0.935	1466.6
1080	-0.74	-0.78	34.913	28.072	28.074	0.97	0.936	1466.8
1090	-0.74	-0.78	34.913	28.072	28.074	0.95	0.937	1466.9
1100	-0.74	-0.79	34.913	28.072	28.074	0.93	0.938	1467.1
1110	-0.74	-0.79	34.913	28.072	28.074	0.89	0.939	1467.2
1120	-0.74	-0.79	34.912	28.071	28.073	0.96	0.940	1467.4
1130	-0.74	-0.79	34.912	28.072	28.074	0.90	0.940	1467.6
1140	-0.74	-0.79	34.911	28.071	28.073	0.95	0.941	1467.7
1150	-0.75	-0.79	34.912	28.071	28.073	0.89	0.942	1467.9
1160	-0.75	-0.79	34.913	28.072	28.074	0.80	0.943	1468.1
1170	-0.75	-0.79	34.912	28.071	28.073	0.83	0.944	1468.2
1180	-0.75	-0.80	34.912	28.072	28.074	0.77	0.945	1468.4
1190	-0.75	-0.80	34.912	28.071	28.073	0.78	0.946	1468.6

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	6.34	6.34	34.683	27.258	27.259	80.35	0.040	1475.8
10	6.34	6.34	34.683	27.258	27.259	80.43	0.080	1475.8
20	6.34	6.34	34.683	27.258	27.259	80.58	0.161	1476.0
30	6.34	6.34	34.683	27.258	27.258	80.78	0.242	1476.2
40	3.89	3.89	34.538	27.430	27.431	64.35	0.314	1466.2
50	1.30	1.29	34.669	27.759	27.759	33.01	0.363	1455.4
60	0.45	0.45	34.720	27.855	27.855	23.84	0.391	1451.8
70	0.40	0.40	34.749	27.882	27.882	21.31	0.414	1451.8
80	0.29	0.29	34.778	27.911	27.911	18.56	0.434	1451.5
90	0.37	0.36	34.800	27.925	27.925	17.26	0.452	1452.0
100	0.30	0.30	34.861	27.978	27.978	12.25	0.466	1452.0
110	0.39	0.38	34.838	27.954	27.954	14.50	0.480	1452.5
120	0.47	0.46	34.850	27.959	27.959	14.11	0.494	1453.0
130	0.36	0.36	34.861	27.974	27.974	12.67	0.507	1452.7
140	0.44	0.44	34.864	27.972	27.972	12.89	0.520	1453.3
150	0.16	0.15	34.848	27.975	27.976	12.43	0.533	1452.1
160	0.02	0.02	34.838	27.975	27.975	12.44	0.545	1451.6
170	0.10	0.10	34.859	27.987	27.988	11.29	0.557	1452.2
180	0.14	0.13	34.856	27.982	27.982	11.79	0.569	1452.5
190	0.10	0.09	34.860	27.987	27.988	11.25	0.580	1452.5
200	0.10	0.09	34.874	27.999	28.000	10.15	0.591	1452.7
210	0.21	0.20	34.875	27.994	27.995	10.68	0.601	1453.3
220	0.18	0.17	34.864	27.987	27.987	11.36	0.612	1453.3
230	0.16	0.16	34.873	27.995	27.996	10.58	0.623	1453.5
240	0.16	0.15	34.866	27.989	27.990	11.15	0.634	1453.6
250	-0.11	-0.11	34.849	27.990	27.991	10.87	0.645	1453.0
260	-0.11	-0.12	34.854	27.994	27.995	10.49	0.656	1453.2
270	-0.08	-0.09	34.858	27.996	27.997	10.30	0.666	1453.3
280	-0.03	-0.04	34.874	28.006	28.006	9.43	0.676	1453.5
290	0.03	0.01	34.874	28.003	28.004	9.72	0.686	1453.8
300	0.10	0.09	34.881	28.005	28.006	9.63	0.695	1454.3
310	0.10	0.09	34.885	28.008	28.009	9.32	0.705	1454.5
320	0.09	0.08	34.886	28.009	28.010	9.23	0.714	1454.6
330	0.12	0.10	34.896	28.016	28.017	8.62	0.723	1454.9
340	0.07	0.06	34.890	28.013	28.014	8.83	0.732	1454.9
350	0.07	0.06	34.895	28.017	28.018	8.44	0.740	1455.0
360	0.04	0.02	34.892	28.018	28.018	8.38	0.749	1455.0
370	0.00	-0.02	34.892	28.019	28.020	8.17	0.757	1455.0
380	-0.03	-0.04	34.891	28.020	28.021	8.08	0.765	1455.2
390	-0.03	-0.05	34.894	28.022	28.023	7.85	0.773	1455.4
400	-0.03	-0.05	34.893	28.022	28.023	7.89	0.781	1455.5
410	-0.05	-0.07	34.895	28.024	28.025	7.64	0.789	1455.7
420	-0.07	-0.09	34.896	28.026	28.027	7.41	0.796	1455.8
430	-0.08	-0.10	34.897	28.028	28.029	7.28	0.804	1456.0
440	-0.09	-0.11	34.898	28.029	28.030	7.13	0.811	1456.2
450	-0.09	-0.11	34.897	28.029	28.029	7.18	0.818	1456.3
460	-0.10	-0.12	34.900	28.031	28.032	6.93	0.825	1456.5
470	-0.11	-0.13	34.900	28.032	28.032	6.86	0.832	1456.7
480	-0.14	-0.16	34.900	28.033	28.034	6.67	0.839	1456.8
490	-0.15	-0.17	34.902	28.035	28.036	6.51	0.845	1457.0

500	-0.17	-0.19	34.902	28.036	28.037	6.36	0.852	1457.2
510	-0.20	-0.22	34.902	28.037	28.038	6.20	0.858	1457.3
520	-0.21	-0.23	34.904	28.039	28.040	5.98	0.864	1457.5
530	-0.23	-0.25	34.903	28.040	28.041	5.92	0.870	1457.7
540	-0.25	-0.27	34.903	28.041	28.042	5.74	0.876	1457.8
550	-0.28	-0.30	34.903	28.043	28.044	5.53	0.882	1458.0
560	-0.29	-0.31	34.902	28.043	28.044	5.51	0.887	1458.2
570	-0.31	-0.33	34.902	28.043	28.044	5.47	0.893	1458.3
580	-0.32	-0.34	34.902	28.044	28.045	5.35	0.898	1458.5
590	-0.33	-0.35	34.903	28.045	28.047	5.15	0.903	1458.6
600	-0.34	-0.37	34.905	28.047	28.048	4.99	0.908	1458.8
610	-0.36	-0.39	34.904	28.048	28.049	4.88	0.913	1459.0
620	-0.37	-0.40	34.905	28.048	28.050	4.77	0.918	1459.1
630	-0.39	-0.41	34.904	28.049	28.050	4.71	0.923	1459.3
640	-0.40	-0.43	34.904	28.049	28.050	4.63	0.928	1459.5
650	-0.41	-0.44	34.904	28.050	28.051	4.55	0.932	1459.6
660	-0.43	-0.45	34.904	28.050	28.052	4.44	0.937	1459.8
670	-0.44	-0.47	34.904	28.052	28.053	4.28	0.941	1460.0
680	-0.46	-0.49	34.904	28.052	28.054	4.18	0.945	1460.1
690	-0.47	-0.50	34.906	28.054	28.056	3.96	0.949	1460.3
700	-0.48	-0.50	34.908	28.056	28.057	3.78	0.953	1460.5
710	-0.48	-0.51	34.906	28.054	28.056	3.89	0.957	1460.6
720	-0.49	-0.52	34.906	28.055	28.056	3.82	0.961	1460.8
730	-0.51	-0.53	34.905	28.055	28.056	3.76	0.965	1461.0
740	-0.52	-0.54	34.907	28.057	28.058	3.55	0.968	1461.1
750	-0.53	-0.56	34.905	28.056	28.057	3.61	0.972	1461.3
760	-0.54	-0.57	34.908	28.059	28.060	3.31	0.975	1461.5
770	-0.55	-0.58	34.907	28.059	28.060	3.28	0.979	1461.6
780	-0.56	-0.59	34.907	28.059	28.060	3.22	0.982	1461.8
790	-0.57	-0.60	34.908	28.060	28.062	3.03	0.985	1461.9
800	-0.58	-0.61	34.906	28.059	28.060	3.13	0.988	1462.1
810	-0.58	-0.61	34.908	28.061	28.063	2.89	0.991	1462.3
820	-0.59	-0.62	34.907	28.060	28.062	2.98	0.994	1462.4
830	-0.59	-0.62	34.907	28.061	28.062	2.86	0.997	1462.6
840	-0.60	-0.63	34.907	28.061	28.063	2.80	1.000	1462.8
850	-0.61	-0.64	34.907	28.061	28.063	2.77	1.003	1462.9
860	-0.61	-0.65	34.908	28.062	28.064	2.62	1.005	1463.1
870	-0.62	-0.65	34.908	28.063	28.065	2.54	1.008	1463.3
880	-0.62	-0.66	34.907	28.062	28.063	2.62	1.010	1463.4
890	-0.63	-0.66	34.908	28.063	28.065	2.45	1.013	1463.6
900	-0.63	-0.67	34.908	28.063	28.065	2.41	1.015	1463.8
910	-0.64	-0.67	34.909	28.064	28.066	2.32	1.018	1463.9
920	-0.64	-0.68	34.908	28.063	28.065	2.35	1.020	1464.1
930	-0.65	-0.68	34.908	28.064	28.066	2.27	1.022	1464.3
940	-0.66	-0.69	34.908	28.064	28.066	2.18	1.025	1464.4
950	-0.66	-0.70	34.909	28.066	28.067	2.03	1.027	1464.6
960	-0.66	-0.70	34.908	28.064	28.066	2.14	1.029	1464.8
970	-0.67	-0.71	34.909	28.065	28.067	2.00	1.031	1464.9
980	-0.68	-0.72	34.909	28.066	28.068	1.90	1.033	1465.1
990	-0.68	-0.72	34.909	28.066	28.068	1.88	1.035	1465.3
1000	-0.69	-0.73	34.908	28.066	28.068	1.86	1.037	1465.4
1010	-0.69	-0.73	34.908	28.066	28.068	1.81	1.038	1465.6
1020	-0.69	-0.73	34.908	28.066	28.068	1.80	1.040	1465.8
1030	-0.70	-0.74	34.908	28.066	28.068	1.77	1.042	1465.9

1040	-0.71	-0.75	34.910	28.069	28.070	1.47	1.044	1466.1
1050	-0.71	-0.76	34.910	28.069	28.071	1.42	1.045	1466.3
1060	-0.72	-0.76	34.910	28.069	28.070	1.40	1.046	1466.4
1070	-0.73	-0.77	34.911	28.070	28.072	1.26	1.048	1466.6
1080	-0.73	-0.77	34.910	28.069	28.071	1.26	1.049	1466.7
1090	-0.73	-0.78	34.910	28.069	28.071	1.21	1.050	1466.9
1100	-0.74	-0.78	34.911	28.070	28.072	1.10	1.051	1467.1
1110	-0.74	-0.79	34.909	28.069	28.071	1.18	1.053	1467.2
1120	-0.75	-0.79	34.910	28.070	28.072	1.08	1.054	1467.4
1130	-0.75	-0.79	34.911	28.071	28.072	0.99	1.055	1467.6
1140	-0.75	-0.79	34.910	28.070	28.072	1.01	1.056	1467.7
1150	-0.75	-0.80	34.910	28.070	28.072	1.01	1.057	1467.9
1160	-0.75	-0.80	34.911	28.071	28.073	0.91	1.058	1468.1
1170	-0.76	-0.80	34.912	28.072	28.074	0.78	1.059	1468.2
1180	-0.76	-0.81	34.911	28.071	28.073	0.81	1.059	1468.4
1190	-0.76	-0.81	34.911	28.071	28.073	0.79	1.060	1468.6
1200	-0.76	-0.81	34.912	28.073	28.075	0.61	1.061	1468.7

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	5.73	5.73	34.589	27.262	27.262	80.03	0.040	1473.2
10	5.73	5.73	34.590	27.263	27.263	79.98	0.080	1473.3
20	5.69	5.69	34.584	27.262	27.263	80.16	0.160	1473.3
30	5.45	5.44	34.572	27.283	27.283	78.32	0.239	1472.5
40	2.36	2.36	34.461	27.510	27.511	56.62	0.307	1459.6
50	-1.02	-1.02	34.538	27.780	27.780	30.73	0.350	1449.3
60	-0.88	-0.88	34.581	27.809	27.809	27.95	0.380	1449.6
70	-0.66	-0.66	34.647	27.853	27.853	23.80	0.406	1449.8
81	-0.41	-0.41	34.721	27.902	27.902	19.24	0.429	1450.1
90	-0.43	-0.43	34.754	27.930	27.930	16.59	0.445	1450.3
101	-0.26	-0.27	34.791	27.951	27.951	14.60	0.463	1450.5
110	-0.10	-0.10	34.823	27.969	27.969	12.92	0.475	1450.7
120	0.10	0.10	34.848	27.978	27.978	12.16	0.488	1451.4
130	0.15	0.15	34.854	27.980	27.980	11.96	0.500	1451.8
140	0.15	0.14	34.854	27.981	27.981	11.92	0.512	1451.9
150	0.12	0.11	34.856	27.983	27.984	11.65	0.523	1451.9
160	0.09	0.08	34.854	27.984	27.984	11.62	0.535	1452.0
170	0.09	0.08	34.857	27.987	27.987	11.33	0.546	1452.1
180	0.01	0.00	34.854	27.988	27.989	11.14	0.558	1451.9
190	0.05	0.05	34.862	27.992	27.992	10.84	0.569	1452.3
200	-0.01	-0.01	34.857	27.991	27.992	10.83	0.580	1452.2
210	0.10	0.09	34.875	28.000	28.001	10.03	0.590	1452.8
220	0.18	0.17	34.880	27.999	28.000	10.18	0.600	1453.4
230	0.23	0.22	34.886	28.001	28.002	10.03	0.610	1453.8
240	0.24	0.23	34.888	28.002	28.003	9.95	0.620	1454.0
250	0.23	0.22	34.889	28.004	28.004	9.81	0.630	1454.1
260	0.25	0.24	34.896	28.008	28.009	9.42	0.640	1454.4
270	0.25	0.24	34.897	28.009	28.010	9.35	0.649	1454.5
280	0.25	0.23	34.898	28.010	28.011	9.23	0.658	1454.7
290	0.26	0.25	34.900	28.011	28.012	9.18	0.668	1454.9
300	0.26	0.25	34.904	28.015	28.015	8.84	0.677	1455.1
310	0.23	0.21	34.901	28.014	28.015	8.90	0.685	1455.1
320	0.21	0.19	34.899	28.013	28.014	8.95	0.694	1455.2
330	0.21	0.20	34.904	28.017	28.018	8.55	0.703	1455.4
340	0.06	0.05	34.895	28.018	28.019	8.38	0.712	1454.8
350	0.06	0.04	34.897	28.020	28.021	8.18	0.720	1455.0
360	0.06	0.05	34.898	28.021	28.022	8.08	0.728	1455.1
370	0.07	0.05	34.899	28.021	28.022	8.09	0.736	1455.3
380	0.05	0.04	34.902	28.024	28.025	7.80	0.744	1455.4
390	0.03	0.01	34.902	28.025	28.026	7.62	0.752	1455.5
400	0.00	-0.01	34.901	28.026	28.027	7.53	0.759	1455.5
410	-0.04	-0.05	34.901	28.028	28.029	7.27	0.767	1455.7
420	-0.05	-0.06	34.901	28.028	28.029	7.25	0.774	1455.9
430	-0.06	-0.08	34.900	28.029	28.030	7.17	0.781	1456.0
440	-0.07	-0.09	34.902	28.031	28.032	6.97	0.788	1456.2
450	-0.09	-0.11	34.902	28.032	28.033	6.85	0.795	1456.3
460	-0.11	-0.13	34.901	28.032	28.033	6.80	0.802	1456.5
470	-0.15	-0.16	34.903	28.035	28.036	6.45	0.809	1456.7
480	-0.16	-0.18	34.902	28.036	28.037	6.41	0.815	1456.8
490	-0.17	-0.19	34.902	28.036	28.037	6.33	0.821	1457.0

500	-0.19	-0.21	34.903	28.038	28.039	6.10	0.828	1457.2
510	-0.21	-0.23	34.902	28.039	28.040	6.02	0.834	1457.3
520	-0.24	-0.26	34.903	28.040	28.041	5.86	0.840	1457.5
530	-0.26	-0.28	34.903	28.041	28.042	5.71	0.845	1457.7
540	-0.26	-0.29	34.903	28.042	28.043	5.64	0.851	1457.8
550	-0.29	-0.31	34.903	28.043	28.044	5.48	0.857	1458.0
560	-0.30	-0.32	34.903	28.044	28.045	5.38	0.862	1458.2
570	-0.32	-0.34	34.904	28.045	28.047	5.18	0.867	1458.3
580	-0.34	-0.36	34.904	28.046	28.047	5.08	0.872	1458.5
590	-0.35	-0.37	34.905	28.047	28.049	4.94	0.877	1458.6
600	-0.35	-0.37	34.905	28.048	28.049	4.92	0.882	1458.8
610	-0.36	-0.39	34.905	28.048	28.049	4.85	0.887	1459.0
620	-0.38	-0.40	34.906	28.049	28.051	4.67	0.892	1459.1
630	-0.40	-0.42	34.904	28.049	28.051	4.62	0.897	1459.3
640	-0.40	-0.43	34.905	28.051	28.052	4.50	0.901	1459.5
650	-0.40	-0.43	34.905	28.050	28.051	4.54	0.906	1459.6
660	-0.43	-0.45	34.907	28.053	28.054	4.24	0.910	1459.8
670	-0.44	-0.46	34.906	28.053	28.054	4.21	0.914	1460.0
680	-0.44	-0.47	34.906	28.053	28.054	4.18	0.919	1460.1
690	-0.45	-0.48	34.907	28.054	28.056	3.98	0.923	1460.3
700	-0.46	-0.49	34.907	28.055	28.056	3.91	0.927	1460.5
710	-0.48	-0.51	34.907	28.056	28.057	3.77	0.930	1460.6
720	-0.49	-0.52	34.908	28.057	28.058	3.65	0.934	1460.8
730	-0.49	-0.52	34.906	28.056	28.057	3.73	0.938	1461.0
740	-0.50	-0.53	34.905	28.055	28.056	3.74	0.942	1461.1
750	-0.51	-0.54	34.906	28.056	28.057	3.63	0.945	1461.3
760	-0.52	-0.55	34.907	28.057	28.059	3.48	0.949	1461.5
770	-0.52	-0.55	34.907	28.057	28.059	3.46	0.952	1461.6
780	-0.53	-0.56	34.907	28.058	28.060	3.34	0.956	1461.8
790	-0.53	-0.56	34.909	28.059	28.061	3.22	0.959	1461.9
800	-0.54	-0.57	34.908	28.059	28.060	3.25	0.962	1462.1
810	-0.55	-0.58	34.910	28.061	28.062	3.01	0.965	1462.3
820	-0.57	-0.60	34.907	28.060	28.061	3.06	0.968	1462.4
830	-0.58	-0.61	34.909	28.062	28.063	2.80	0.971	1462.6
840	-0.58	-0.62	34.909	28.062	28.063	2.80	0.974	1462.8
850	-0.58	-0.62	34.909	28.062	28.063	2.77	0.977	1462.9
860	-0.59	-0.62	34.909	28.062	28.063	2.73	0.980	1463.1
870	-0.59	-0.62	34.909	28.062	28.064	2.69	0.982	1463.3
880	-0.60	-0.63	34.909	28.062	28.064	2.67	0.985	1463.4
890	-0.60	-0.64	34.909	28.063	28.064	2.57	0.988	1463.6
900	-0.61	-0.64	34.908	28.062	28.064	2.58	0.990	1463.8
910	-0.61	-0.65	34.910	28.064	28.066	2.37	0.993	1463.9
920	-0.62	-0.65	34.909	28.064	28.065	2.38	0.995	1464.1
930	-0.62	-0.66	34.910	28.064	28.066	2.32	0.997	1464.3
940	-0.62	-0.66	34.910	28.064	28.066	2.30	1.000	1464.4
950	-0.62	-0.66	34.911	28.065	28.067	2.18	1.002	1464.6
960	-0.63	-0.66	34.910	28.064	28.066	2.25	1.004	1464.8
970	-0.63	-0.67	34.910	28.065	28.067	2.15	1.006	1464.9
980	-0.63	-0.67	34.910	28.065	28.066	2.16	1.009	1465.1
990	-0.64	-0.68	34.911	28.066	28.068	1.98	1.011	1465.3
1000	-0.65	-0.69	34.910	28.066	28.068	1.97	1.013	1465.4

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depth	temp	theta	salinity	sigmat	sig_th	delta	soundv
30	5.88	5.88					
40	1.96	1.96	34.325	27.434	27.434	63.82	1457.7
50	1.00	1.00	34.683	27.791	27.791	29.99	1454.1
60	0.45	0.45	34.692	27.833	27.833	25.96	1451.8
70	0.06	0.05	34.719	27.877	27.877	21.70	1450.2
80	-0.09	-0.09	34.738	27.899	27.899	19.55	1450.1
90	-0.23	-0.23	34.751	27.917	27.917	17.84	1450.3
100	-0.33	-0.33	34.777	27.943	27.943	15.36	1450.5
110	-0.39	-0.39	34.792	27.958	27.958	13.92	1450.6
120	-0.36	-0.37	34.806	27.968	27.968	12.92	1450.8
130	-0.37	-0.37	34.810	27.971	27.971	12.62	1451.0
140	-0.34	-0.35	34.818	27.977	27.977	12.07	1451.2
150	-0.29	-0.29	34.823	27.979	27.979	11.93	1451.3
160	-0.06	-0.07	34.857	27.994	27.994	10.56	1451.5
170	0.13	0.12	34.860	27.986	27.986	11.41	1452.3
180	0.04	0.03	34.865	27.995	27.995	10.54	1452.1
190	-0.07	-0.08	34.852	27.991	27.991	10.86	1452.0
200	-0.06	-0.07	34.855	27.992	27.993	10.72	1452.2
210	-0.14	-0.15	34.853	27.995	27.995	10.45	1452.4
220	-0.08	-0.09	34.858	27.996	27.996	10.34	1452.5
230	-0.10	-0.10	34.860	27.998	27.999	10.10	1452.7
240	-0.05	-0.06	34.870	28.004	28.005	9.57	1452.9
250	-0.04	-0.05	34.869	28.003	28.004	9.69	1453.0
260	0.02	0.01	34.877	28.006	28.007	9.42	1453.3
270	-0.03	-0.04	34.875	28.007	28.007	9.34	1453.4
280	0.00	-0.01	34.885	28.013	28.014	8.75	1453.6
290	0.00	-0.01	34.883	28.012	28.012	8.89	1453.7
300	0.02	0.01	34.888	28.015	28.016	8.59	1454.0
310	0.11	0.10	34.899	28.019	28.019	8.32	1454.5
320	0.09	0.08	34.897	28.018	28.019	8.34	1454.6
330	0.07	0.06	34.897	28.019	28.020	8.25	1454.7
340	0.04	0.03	34.897	28.021	28.022	8.06	1454.7
350	0.04	0.02	34.899	28.023	28.023	7.90	1454.9
360	0.03	0.02	34.899	28.023	28.024	7.86	1455.0
370	0.03	0.01	34.899	28.023	28.024	7.83	1455.2
380	0.00	-0.01	34.899	28.024	28.025	7.70	1455.2
390	-0.02	-0.04	34.899	28.026	28.027	7.54	1455.4
400	-0.04	-0.05	34.901	28.028	28.029	7.31	1455.5
410	-0.07	-0.09	34.901	28.030	28.031	7.08	1455.7
420	-0.09	-0.11	34.901	28.031	28.032	6.94	1455.9
430	-0.09	-0.11	34.901	28.031	28.032	6.92	1456.0
440	-0.11	-0.13	34.901	28.032	28.033	6.83	1456.2
450	-0.13	-0.15	34.902	28.034	28.035	6.59	1456.3
460	-0.14	-0.16	34.902	28.035	28.036	6.54	1456.5
470	-0.15	-0.17	34.902	28.035	28.036	6.45	1456.7
480	-0.16	-0.18	34.903	28.036	28.037	6.34	1456.8
490	-0.18	-0.20	34.903	28.038	28.039	6.20	1457.0
500	-0.20	-0.22	34.903	28.039	28.040	6.05	1457.2
510	-0.22	-0.24	34.904	28.040	28.041	5.94	1457.3
520	-0.23	-0.25	34.903	28.040	28.041	5.89	1457.5

530	-0.25	-0.27	34.903	28.041	28.042	5.75	1457.7
540	-0.27	-0.29	34.903	28.042	28.043	5.62	1457.8
550	-0.29	-0.31	34.904	28.044	28.045	5.41	1458.0
560	-0.31	-0.33	34.905	28.045	28.046	5.25	1458.2
570	-0.32	-0.34	34.904	28.045	28.046	5.24	1458.3
580	-0.34	-0.36	34.905	28.047	28.048	5.02	1458.5
590	-0.35	-0.37	34.906	28.048	28.049	4.86	1458.7
600	-0.37	-0.39	34.905	28.048	28.050	4.80	1458.8
610	-0.38	-0.40	34.906	28.049	28.051	4.68	1459.0
620	-0.40	-0.42	34.906	28.051	28.052	4.52	1459.1
630	-0.40	-0.43	34.906	28.051	28.053	4.42	1459.3
640	-0.41	-0.44	34.906	28.051	28.053	4.40	1459.5
650	-0.42	-0.45	34.907	28.053	28.054	4.23	1459.6
660	-0.42	-0.45	34.906	28.052	28.053	4.29	1459.8
670	-0.43	-0.46	34.907	28.053	28.054	4.17	1460.0
680	-0.45	-0.48	34.908	28.055	28.056	3.98	1460.1
690	-0.46	-0.49	34.906	28.054	28.055	4.03	1460.3
700	-0.48	-0.51	34.908	28.057	28.058	3.71	1460.5
710	-0.50	-0.52	34.908	28.057	28.058	3.66	1460.6
720	-0.51	-0.53	34.908	28.057	28.059	3.56	1460.8
730	-0.51	-0.54	34.908	28.058	28.059	3.51	1461.0
740	-0.52	-0.55	34.908	28.058	28.059	3.45	1461.1
750	-0.53	-0.55	34.908	28.058	28.060	3.40	1461.3
760	-0.53	-0.56	34.909	28.059	28.060	3.30	1461.5
770	-0.54	-0.57	34.909	28.060	28.061	3.20	1461.6
780	-0.54	-0.57	34.908	28.059	28.060	3.24	1461.8
790	-0.54	-0.58	34.908	28.060	28.061	3.16	1461.9
800	-0.55	-0.58	34.909	28.061	28.062	3.05	1462.1
810	-0.56	-0.59	34.909	28.061	28.062	3.00	1462.3
820	-0.56	-0.60	34.909	28.061	28.062	2.97	1462.4
830	-0.57	-0.60	34.911	28.063	28.064	2.74	1462.6
840	-0.58	-0.61	34.909	28.062	28.064	2.78	1462.8
850	-0.59	-0.62	34.909	28.063	28.064	2.68	1462.9
860	-0.60	-0.63	34.909	28.062	28.064	2.68	1463.1
870	-0.60	-0.63	34.910	28.063	28.065	2.56	1463.3
880	-0.61	-0.64	34.909	28.063	28.065	2.55	1463.4
890	-0.61	-0.65	34.911	28.065	28.066	2.39	1463.6
900	-0.61	-0.65	34.910	28.064	28.066	2.41	1463.8
910	-0.62	-0.65	34.910	28.064	28.066	2.34	1463.9
920	-0.62	-0.66	34.910	28.064	28.066	2.35	1464.1
930	-0.63	-0.67	34.909	28.064	28.066	2.30	1464.3
940	-0.64	-0.67	34.910	28.065	28.066	2.22	1464.4
950	-0.64	-0.68	34.911	28.066	28.068	2.03	1464.6
960	-0.64	-0.68	34.910	28.065	28.067	2.13	1464.8
970	-0.64	-0.68	34.911	28.066	28.068	1.99	1464.9
979	-0.65	-0.69	34.911	28.066	28.068	1.96	1465.1
990	-0.66	-0.70	34.911	28.067	28.069	1.86	1465.3
1000	-0.66	-0.70	34.912	28.068	28.069	1.76	1465.4
1010	-0.67	-0.71	34.911	28.067	28.069	1.75	1465.6
1020	-0.68	-0.72	34.911	28.068	28.070	1.66	1465.8
1030	-0.68	-0.72	34.911	28.068	28.070	1.60	1465.9
1040	-0.69	-0.73	34.911	28.068	28.070	1.55	1466.1
1050	-0.68	-0.73	34.912	28.069	28.070	1.53	1466.3
1060	-0.69	-0.73	34.912	28.069	28.071	1.43	1466.4

1070	-0.70	-0.74	34.912	28.069	28.071	1.37	1466.6
1080	-0.70	-0.74	34.911	28.069	28.071	1.39	1466.7
1090	-0.70	-0.74	34.911	28.069	28.071	1.38	1466.9
1100	-0.71	-0.75	34.912	28.070	28.072	1.24	1467.1
1110	-0.72	-0.76	34.912	28.070	28.072	1.15	1467.2
1120	-0.72	-0.77	34.912	28.071	28.073	1.09	1467.4
1130	-0.72	-0.77	34.912	28.070	28.072	1.07	1467.6
1140	-0.73	-0.77	34.913	28.071	28.073	0.96	1467.7
1150	-0.73	-0.78	34.911	28.070	28.072	1.04	1467.9
1159	-0.74	-0.78	34.911	28.070	28.073	0.97	1468.1
1170	-0.74	-0.79	34.912	28.071	28.073	0.86	1468.2
1180	-0.74	-0.79	34.912	28.071	28.073	0.85	1468.4
1190	-0.74	-0.79	34.912	28.071	28.074	0.80	1468.6
1200	-0.74	-0.79	34.912	28.071	28.073	0.80	1468.7
1210	-0.75	-0.80	34.912	28.072	28.074	0.72	1468.9
1220	-0.75	-0.80	34.911	28.071	28.073	0.78	1469.1
1230	-0.75	-0.80	34.911	28.071	28.074	0.70	1469.2
1240	-0.76	-0.81	34.912	28.072	28.074	0.60	1469.4
1250	-0.76	-0.81	34.912	28.072	28.074	0.60	1469.6
1260	-0.76	-0.81	34.912	28.072	28.075	0.51	1469.7
1270	-0.76	-0.81	34.912	28.072	28.074	0.54	1469.9
1280	-0.76	-0.81	34.912	28.072	28.074	0.54	1470.1
1290	-0.76	-0.81	34.911	28.071	28.074	0.55	1470.2
1300	-0.76	-0.82	34.913	28.073	28.075	0.38	1470.4

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	3.53	3.53	34.504	27.439	27.439	63.25	0.032	1464.1
10	3.54	3.54	34.505	27.439	27.439	63.26	0.063	1464.2
21	3.49	3.48	34.506	27.445	27.445	62.79	0.133	1464.2
30	3.05	3.04	34.509	27.489	27.489	58.65	0.187	1462.5
40	2.42	2.42	34.549	27.577	27.577	50.37	0.242	1460.0
50	1.43	1.43	34.615	27.706	27.706	38.03	0.286	1455.9
60	0.77	0.77	34.689	27.811	27.811	28.09	0.319	1453.2
70	0.39	0.39	34.745	27.879	27.879	21.58	0.344	1451.7
80	0.27	0.26	34.755	27.894	27.894	20.12	0.365	1451.3
90	0.16	0.15	34.773	27.915	27.915	18.15	0.384	1451.0
100	0.08	0.08	34.792	27.934	27.934	16.31	0.401	1450.8
110	0.04	0.03	34.807	27.949	27.949	14.90	0.417	1450.8
120	0.01	0.01	34.811	27.953	27.953	14.48	0.431	1450.9
130	0.00	0.00	34.813	27.955	27.956	14.24	0.446	1451.0
140	-0.01	-0.01	34.814	27.956	27.957	14.16	0.460	1451.2
150	-0.02	-0.03	34.822	27.964	27.964	13.43	0.474	1451.3
160	-0.01	-0.01	34.826	27.967	27.967	13.18	0.487	1451.5
170	-0.01	-0.02	34.829	27.969	27.969	12.97	0.500	1451.7
180	-0.02	-0.03	34.832	27.972	27.972	12.67	0.513	1451.8
200	-0.03	-0.04	34.836	27.976	27.976	12.30	0.538	1452.2
210	-0.03	-0.04	34.841	27.980	27.980	11.91	0.550	1452.3
220	-0.03	-0.04	34.843	27.981	27.982	11.75	0.562	1452.5
230	-0.04	-0.04	34.846	27.984	27.984	11.51	0.573	1452.7
240	-0.03	-0.04	34.849	27.986	27.987	11.28	0.585	1452.8
250	-0.03	-0.04	34.849	27.986	27.986	11.34	0.596	1453.0
260	-0.03	-0.04	34.850	27.987	27.987	11.25	0.607	1453.2
270	-0.03	-0.04	34.850	27.987	27.988	11.20	0.619	1453.3
280	-0.04	-0.05	34.852	27.989	27.990	11.00	0.630	1453.5
290	-0.04	-0.05	34.854	27.991	27.991	10.86	0.641	1453.7
300	-0.04	-0.05	34.856	27.993	27.993	10.65	0.651	1453.8
310	-0.04	-0.06	34.857	27.993	27.994	10.61	0.662	1454.0
320	-0.05	-0.06	34.858	27.994	27.995	10.51	0.673	1454.2
330	-0.05	-0.06	34.859	27.995	27.996	10.43	0.683	1454.3
340	-0.04	-0.05	34.863	27.998	27.999	10.15	0.693	1454.5
350	-0.04	-0.05	34.862	27.997	27.998	10.23	0.704	1454.7
360	-0.04	-0.05	34.863	27.997	27.998	10.19	0.714	1454.8
370	-0.02	-0.03	34.869	28.001	28.002	9.85	0.724	1455.0
380	-0.05	-0.07	34.876	28.009	28.009	9.13	0.733	1455.2
390	-0.06	-0.08	34.878	28.011	28.012	8.86	0.742	1455.3
400	-0.06	-0.07	34.878	28.011	28.012	8.91	0.751	1455.5
410	-0.06	-0.08	34.880	28.013	28.014	8.70	0.760	1455.7
420	-0.07	-0.09	34.881	28.014	28.015	8.56	0.769	1455.8
430	-0.08	-0.09	34.883	28.016	28.017	8.42	0.777	1456.0
440	-0.08	-0.09	34.882	28.015	28.016	8.43	0.786	1456.2
450	-0.08	-0.10	34.883	28.016	28.017	8.40	0.794	1456.3
460	-0.08	-0.10	34.883	28.016	28.017	8.35	0.802	1456.5
470	-0.09	-0.11	34.885	28.018	28.019	8.13	0.811	1456.7
480	-0.09	-0.11	34.884	28.017	28.018	8.21	0.819	1456.8
490	-0.10	-0.12	34.886	28.019	28.020	8.03	0.827	1457.0

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	5.18	5.18	34.580	27.322	27.322	74.35	0.037	1471.0
10	5.18	5.18	34.581	27.321	27.322	74.43	0.074	1471.1
20	5.19	5.19	34.594	27.332	27.332	73.59	0.148	1471.3
30	4.70	4.70	34.529	27.336	27.336	73.30	0.222	1469.4
40	0.46	0.46	34.633	27.784	27.784	30.53	0.274	1451.4
50	0.10	0.10	34.619	27.793	27.793	29.61	0.304	1449.9
60	0.12	0.12	34.690	27.849	27.849	24.33	0.331	1450.3
70	-0.03	-0.04	34.728	27.888	27.888	20.60	0.353	1449.9
80	-0.11	-0.11	34.752	27.912	27.912	18.35	0.373	1450.1
90	-0.15	-0.16	34.767	27.927	27.927	16.94	0.390	1450.3
100	-0.15	-0.16	34.786	27.942	27.942	15.50	0.407	1450.5
110	-0.11	-0.12	34.801	27.952	27.952	14.58	0.422	1450.7
120	-0.05	-0.05	34.815	27.960	27.960	13.82	0.436	1450.8
130	0.05	0.05	34.835	27.971	27.971	12.83	0.449	1451.3
140	0.08	0.07	34.841	27.974	27.974	12.52	0.462	1451.6
150	0.10	0.10	34.847	27.978	27.978	12.18	0.474	1451.8
160	0.11	0.11	34.851	27.980	27.980	12.00	0.486	1452.1
170	0.13	0.12	34.852	27.980	27.981	11.95	0.498	1452.3
180	0.04	0.03	34.853	27.986	27.986	11.38	0.510	1452.0
190	0.13	0.12	34.864	27.989	27.990	11.09	0.521	1452.6
200	0.23	0.22	34.875	27.993	27.993	10.82	0.532	1453.3
210	0.27	0.26	34.888	28.001	28.001	10.11	0.543	1453.6
220	0.33	0.32	34.896	28.003	28.004	9.89	0.553	1454.1
230	0.35	0.34	34.894	28.001	28.002	10.14	0.563	1454.3
240	0.38	0.37	34.895	28.001	28.001	10.22	0.573	1454.6
250	0.30	0.29	34.892	28.003	28.003	9.96	0.583	1454.4
260	0.42	0.41	34.906	28.007	28.007	9.70	0.593	1455.2
270	0.47	0.46	34.911	28.007	28.008	9.67	0.602	1455.6
280	0.56	0.54	34.921	28.010	28.011	9.47	0.612	1456.1
290	0.36	0.35	34.903	28.008	28.009	9.54	0.621	1455.4
300	0.17	0.16	34.890	28.008	28.008	9.41	0.631	1454.7
310	0.12	0.11	34.890	28.011	28.012	9.05	0.640	1454.6
320	0.03	0.02	34.887	28.013	28.014	8.77	0.649	1454.3
330	0.00	-0.01	34.890	28.017	28.018	8.40	0.658	1454.4
340	0.00	-0.02	34.889	28.017	28.018	8.39	0.666	1454.5
350	0.00	-0.02	34.892	28.019	28.020	8.18	0.674	1454.7
360	0.00	-0.02	34.893	28.020	28.020	8.14	0.682	1454.9
370	0.01	-0.01	34.895	28.021	28.022	7.99	0.691	1455.1
380	0.01	0.00	34.898	28.023	28.024	7.84	0.698	1455.3
390	-0.01	-0.03	34.896	28.023	28.024	7.79	0.706	1455.4
400	-0.03	-0.05	34.898	28.026	28.027	7.53	0.714	1455.5
410	-0.05	-0.06	34.898	28.027	28.027	7.43	0.721	1455.7
420	-0.05	-0.07	34.898	28.026	28.027	7.43	0.729	1455.9
430	-0.07	-0.09	34.898	28.028	28.029	7.25	0.736	1456.0
440	-0.09	-0.10	34.900	28.030	28.031	7.04	0.743	1456.2
450	-0.09	-0.11	34.901	28.031	28.032	6.90	0.750	1456.3
460	-0.11	-0.13	34.902	28.033	28.034	6.76	0.757	1456.5
470	-0.13	-0.15	34.905	28.036	28.037	6.41	0.764	1456.7
480	-0.14	-0.16	34.906	28.038	28.039	6.22	0.770	1456.8
490	-0.14	-0.16	34.906	28.038	28.039	6.25	0.776	1457.0

500	-0.16	-0.18	34.907	28.039	28.040	6.07	0.782	1457.2
510	-0.16	-0.18	34.907	28.040	28.041	6.02	0.788	1457.3
520	-0.17	-0.19	34.907	28.040	28.041	5.97	0.794	1457.5
530	-0.19	-0.21	34.906	28.041	28.042	5.85	0.800	1457.7
540	-0.21	-0.23	34.908	28.043	28.044	5.65	0.806	1457.8

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	5.47	5.47	34.589	27.293	27.293	77.05	0.039	1472.2
10	5.47	5.47	34.593	27.297	27.297	76.78	0.077	1472.3
20	5.38	5.38	34.592	27.307	27.307	75.92	0.153	1472.1
30	2.16	2.16	34.558	27.605	27.605	47.59	0.215	1458.7
40	0.58	0.58	34.666	27.803	27.803	28.73	0.253	1452.0
50	0.12	0.12	34.716	27.870	27.871	22.32	0.279	1450.1
60	0.40	0.40	34.775	27.902	27.903	19.34	0.300	1451.6
70	0.09	0.09	34.771	27.916	27.917	17.96	0.318	1450.4
80	0.02	0.02	34.795	27.939	27.939	15.79	0.335	1450.3
90	-0.05	-0.05	34.801	27.948	27.949	14.91	0.350	1450.3
100	-0.01	-0.02	34.809	27.953	27.953	14.51	0.365	1450.5
110	0.01	0.01	34.824	27.963	27.963	13.53	0.379	1450.8
120	0.09	0.08	34.839	27.972	27.972	12.75	0.392	1451.3
130	0.13	0.12	34.845	27.975	27.975	12.48	0.405	1451.6
140	0.29	0.28	34.864	27.980	27.981	11.99	0.417	1452.5
150	0.23	0.22	34.855	27.977	27.977	12.31	0.429	1452.4
160	0.23	0.22	34.865	27.984	27.985	11.61	0.441	1452.6
170	0.30	0.30	34.873	27.987	27.987	11.39	0.453	1453.1
180	0.31	0.30	34.874	27.987	27.987	11.40	0.464	1453.3
190	0.36	0.35	34.881	27.990	27.991	11.14	0.475	1453.7
200	0.36	0.36	34.878	27.988	27.988	11.37	0.487	1453.9
210	0.38	0.37	34.885	27.992	27.993	10.99	0.498	1454.1
220	0.32	0.31	34.882	27.993	27.994	10.85	0.509	1454.0
230	0.32	0.31	34.884	27.995	27.995	10.72	0.520	1454.2
240	0.30	0.29	34.885	27.997	27.997	10.53	0.530	1454.3
250	0.30	0.29	34.888	27.999	28.000	10.30	0.541	1454.5
260	0.29	0.28	34.889	28.001	28.001	10.17	0.551	1454.6
270	0.28	0.26	34.887	28.000	28.000	10.24	0.561	1454.6
280	0.26	0.25	34.892	28.004	28.005	9.78	0.571	1454.7
290	0.26	0.25	34.893	28.006	28.006	9.69	0.581	1454.9
300	0.23	0.22	34.894	28.008	28.009	9.45	0.590	1454.9
310	0.23	0.22	34.896	28.010	28.010	9.31	0.600	1455.1
320	0.22	0.21	34.899	28.013	28.013	9.01	0.609	1455.2
330	0.22	0.21	34.902	28.015	28.015	8.82	0.618	1455.4
340	0.22	0.21	34.902	28.015	28.016	8.81	0.627	1455.6
350	0.21	0.19	34.901	28.015	28.016	8.81	0.635	1455.7
360	0.16	0.14	34.901	28.017	28.018	8.51	0.644	1455.6
370	0.15	0.13	34.899	28.017	28.018	8.56	0.653	1455.7
380	0.13	0.11	34.900	28.018	28.019	8.39	0.661	1455.8
390	0.11	0.10	34.902	28.021	28.022	8.13	0.669	1455.9
400	0.08	0.06	34.900	28.021	28.022	8.07	0.678	1455.9
410	0.06	0.04	34.901	28.023	28.024	7.91	0.686	1456.0
420	0.04	0.02	34.901	28.024	28.025	7.73	0.693	1456.0
430	0.00	-0.01	34.901	28.026	28.027	7.52	0.701	1456.0
440	-0.01	-0.03	34.899	28.026	28.027	7.56	0.708	1456.2
450	-0.03	-0.04	34.901	28.028	28.029	7.33	0.716	1456.3
460	-0.04	-0.06	34.901	28.029	28.030	7.20	0.723	1456.5
470	-0.07	-0.08	34.901	28.030	28.031	7.05	0.730	1456.7
480	-0.10	-0.12	34.902	28.033	28.034	6.77	0.737	1456.8
490	-0.11	-0.13	34.901	28.032	28.033	6.79	0.744	1457.0

500	-0.14	-0.16	34.902	28.034	28.035	6.55	0.751	1457.2
510	-0.16	-0.18	34.903	28.036	28.037	6.38	0.757	1457.3
520	-0.16	-0.18	34.903	28.036	28.037	6.35	0.764	1457.5
530	-0.18	-0.20	34.902	28.037	28.038	6.25	0.770	1457.7
540	-0.19	-0.21	34.902	28.037	28.038	6.19	0.776	1457.8
550	-0.20	-0.22	34.904	28.039	28.040	5.99	0.782	1458.0
560	-0.20	-0.23	34.903	28.039	28.040	5.99	0.788	1458.2
570	-0.22	-0.24	34.904	28.040	28.042	5.83	0.794	1458.3
580	-0.23	-0.25	34.904	28.040	28.042	5.80	0.800	1458.5
590	-0.25	-0.27	34.904	28.041	28.043	5.66	0.806	1458.6
600	-0.26	-0.28	34.904	28.043	28.044	5.53	0.811	1458.8
610	-0.27	-0.29	34.903	28.042	28.043	5.54	0.817	1459.0
620	-0.28	-0.30	34.904	28.043	28.044	5.44	0.822	1459.1
630	-0.30	-0.32	34.904	28.044	28.046	5.28	0.828	1459.3
640	-0.31	-0.33	34.905	28.045	28.046	5.16	0.833	1459.5
650	-0.32	-0.34	34.905	28.046	28.047	5.05	0.838	1459.6
660	-0.32	-0.34	34.905	28.046	28.047	5.04	0.843	1459.8
670	-0.32	-0.35	34.905	28.046	28.047	5.04	0.848	1460.0
680	-0.35	-0.37	34.905	28.048	28.049	4.82	0.853	1460.1
690	-0.35	-0.38	34.906	28.048	28.049	4.77	0.858	1460.3
700	-0.36	-0.39	34.905	28.049	28.050	4.69	0.862	1460.5
710	-0.38	-0.41	34.904	28.048	28.050	4.65	0.867	1460.6
720	-0.39	-0.41	34.905	28.049	28.050	4.57	0.872	1460.8
730	-0.40	-0.43	34.906	28.051	28.052	4.40	0.876	1461.0
740	-0.41	-0.44	34.905	28.050	28.052	4.40	0.881	1461.1
750	-0.42	-0.45	34.905	28.051	28.052	4.34	0.885	1461.3
760	-0.43	-0.46	34.905	28.052	28.053	4.18	0.889	1461.4
770	-0.44	-0.47	34.906	28.053	28.054	4.05	0.893	1461.6
780	-0.45	-0.48	34.906	28.053	28.055	3.99	0.897	1461.8
790	-0.46	-0.49	34.906	28.053	28.055	3.92	0.901	1461.9
800	-0.46	-0.49	34.906	28.054	28.055	3.90	0.905	1462.1
810	-0.47	-0.50	34.905	28.053	28.055	3.89	0.909	1462.3
820	-0.49	-0.52	34.906	28.055	28.056	3.70	0.913	1462.4
830	-0.49	-0.52	34.906	28.055	28.057	3.65	0.917	1462.6
840	-0.50	-0.53	34.906	28.055	28.057	3.59	0.920	1462.8
850	-0.51	-0.55	34.907	28.057	28.058	3.41	0.924	1462.9
860	-0.52	-0.55	34.908	28.058	28.059	3.28	0.927	1463.1
870	-0.54	-0.58	34.906	28.057	28.059	3.26	0.930	1463.3
880	-0.55	-0.58	34.907	28.058	28.060	3.14	0.934	1463.4
890	-0.55	-0.59	34.907	28.059	28.060	3.08	0.937	1463.6
900	-0.55	-0.59	34.907	28.059	28.061	3.03	0.940	1463.8
910	-0.56	-0.59	34.907	28.059	28.061	2.97	0.943	1463.9
920	-0.57	-0.60	34.907	28.059	28.061	2.93	0.946	1464.1
930	-0.58	-0.62	34.906	28.060	28.061	2.82	0.949	1464.3
940	-0.60	-0.63	34.908	28.061	28.063	2.62	0.951	1464.4
950	-0.60	-0.64	34.908	28.062	28.064	2.54	0.954	1464.6
960	-0.61	-0.65	34.908	28.062	28.064	2.48	0.956	1464.8
970	-0.61	-0.65	34.908	28.063	28.064	2.42	0.959	1464.9
980	-0.62	-0.66	34.909	28.064	28.066	2.27	0.961	1465.1
990	-0.63	-0.67	34.907	28.063	28.065	2.31	0.963	1465.3
1000	-0.64	-0.68	34.909	28.065	28.066	2.10	0.966	1465.4
1010	-0.65	-0.69	34.909	28.065	28.066	2.07	0.968	1465.6
1020	-0.65	-0.70	34.909	28.065	28.067	2.00	0.970	1465.8
1030	-0.66	-0.70	34.911	28.067	28.068	1.81	0.972	1465.9

1040	-0.66	-0.71	34.910	28.067	28.069	1.77	0.973	1466.1
1050	-0.67	-0.71	34.910	28.067	28.069	1.74	0.975	1466.3
1060	-0.67	-0.72	34.911	28.068	28.070	1.61	0.977	1466.4
1070	-0.68	-0.73	34.911	28.068	28.070	1.51	0.978	1466.6
1080	-0.69	-0.73	34.911	28.068	28.070	1.48	0.980	1466.7
1090	-0.69	-0.73	34.911	28.068	28.070	1.45	0.981	1466.9
1100	-0.69	-0.74	34.911	28.068	28.070	1.44	0.983	1467.1
1110	-0.70	-0.74	34.911	28.069	28.071	1.37	0.984	1467.2
1120	-0.70	-0.75	34.911	28.069	28.071	1.33	0.986	1467.4
1130	-0.70	-0.75	34.910	28.068	28.070	1.40	0.987	1467.6
1139	-0.70	-0.75	34.911	28.069	28.071	1.22	0.988	1467.7
1150	-0.71	-0.76	34.911	28.069	28.071	1.17	0.989	1467.9
1160	-0.71	-0.76	34.911	28.070	28.072	1.11	0.990	1468.1
1170	-0.72	-0.76	34.912	28.070	28.072	1.03	0.991	1468.2
1180	-0.72	-0.77	34.911	28.070	28.072	1.05	0.992	1468.4
1190	-0.72	-0.77	34.911	28.070	28.072	1.01	0.993	1468.6
1200	-0.72	-0.77	34.910	28.069	28.071	1.04	0.994	1468.7

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	6.09	6.09	34.732	27.330	27.330	73.60	0.037	1474.8
10	6.09	6.09	34.733	27.330	27.330	73.65	0.074	1474.9
20	6.09	6.09	34.733	27.331	27.331	73.73	0.147	1475.1
30	5.67	5.66	34.706	27.363	27.363	70.79	0.220	1473.5
40	2.94	2.94	34.693	27.645	27.646	43.91	0.277	1462.4
50	1.59	1.59	34.679	27.746	27.746	34.27	0.316	1456.7
60	0.92	0.92	34.746	27.847	27.847	24.70	0.345	1454.0
70	1.02	1.02	34.807	27.889	27.889	20.76	0.368	1454.6
80	1.06	1.06	34.842	27.914	27.914	18.40	0.388	1455.0
90	1.08	1.08	34.850	27.919	27.920	17.92	0.406	1455.3
100	1.21	1.20	34.880	27.935	27.936	16.47	0.423	1456.1
110	1.22	1.22	34.885	27.938	27.938	16.27	0.440	1456.3
120	1.26	1.26	34.896	27.944	27.944	15.74	0.456	1456.7
130	1.25	1.25	34.897	27.945	27.946	15.63	0.471	1456.8
140	1.22	1.21	34.898	27.949	27.950	15.29	0.487	1456.8
150	1.10	1.09	34.890	27.950	27.951	15.16	0.502	1456.4
160	1.07	1.06	34.896	27.958	27.958	14.48	0.517	1456.4
170	0.99	0.98	34.895	27.962	27.962	14.09	0.531	1456.2
180	0.83	0.82	34.880	27.960	27.960	14.23	0.545	1455.7
190	0.76	0.75	34.888	27.971	27.972	13.11	0.559	1455.5
200	0.73	0.72	34.891	27.975	27.976	12.77	0.572	1455.6
210	0.68	0.68	34.889	27.977	27.978	12.57	0.584	1455.5
220	0.64	0.63	34.888	27.979	27.979	12.41	0.597	1455.5
230	0.58	0.57	34.884	27.979	27.980	12.36	0.609	1455.4
240	0.50	0.49	34.882	27.982	27.983	12.05	0.622	1455.2
250	0.46	0.45	34.882	27.984	27.985	11.80	0.633	1455.2
260	0.45	0.44	34.882	27.986	27.986	11.69	0.645	1455.3
270	0.43	0.42	34.883	27.988	27.989	11.46	0.657	1455.3
280	0.40	0.39	34.883	27.989	27.990	11.31	0.668	1455.4
290	0.38	0.37	34.884	27.991	27.992	11.16	0.679	1455.5
300	0.37	0.36	34.886	27.993	27.994	10.95	0.690	1455.6
310	0.37	0.36	34.889	27.996	27.996	10.73	0.701	1455.7
320	0.38	0.36	34.892	27.998	27.998	10.55	0.712	1455.9
330	0.37	0.36	34.895	28.000	28.001	10.29	0.722	1456.1
340	0.33	0.31	34.895	28.003	28.004	10.03	0.733	1456.0
350	0.29	0.28	34.896	28.006	28.006	9.75	0.742	1456.0
360	0.26	0.24	34.894	28.007	28.007	9.63	0.752	1456.0
370	0.22	0.21	34.895	28.009	28.010	9.38	0.762	1456.0
380	0.20	0.18	34.894	28.010	28.011	9.25	0.771	1456.1
390	0.16	0.14	34.893	28.012	28.013	9.05	0.780	1456.1
400	0.13	0.11	34.893	28.013	28.014	8.88	0.789	1456.1
410	0.10	0.08	34.893	28.014	28.015	8.74	0.798	1456.1
420	0.07	0.05	34.893	28.016	28.017	8.55	0.806	1456.2
430	0.05	0.03	34.893	28.017	28.018	8.45	0.815	1456.2
440	0.03	0.01	34.894	28.019	28.020	8.23	0.823	1456.3
450	0.01	-0.01	34.896	28.021	28.022	7.98	0.831	1456.4
460	-0.01	-0.02	34.894	28.021	28.022	7.96	0.839	1456.5
470	-0.04	-0.06	34.895	28.024	28.025	7.69	0.847	1456.7
480	-0.06	-0.08	34.896	28.026	28.027	7.49	0.855	1456.8
490	-0.06	-0.08	34.898	28.027	28.028	7.33	0.862	1457.0

500	-0.10	-0.12	34.898	28.029	28.030	7.11	0.869	1457.2
510	-0.12	-0.14	34.899	28.031	28.032	6.89	0.876	1457.3
520	-0.14	-0.16	34.898	28.031	28.032	6.82	0.883	1457.5
530	-0.15	-0.17	34.899	28.032	28.033	6.70	0.890	1457.7
540	-0.17	-0.19	34.899	28.033	28.035	6.57	0.897	1457.8
550	-0.18	-0.20	34.899	28.035	28.036	6.45	0.903	1458.0
560	-0.20	-0.22	34.900	28.036	28.037	6.31	0.910	1458.1
570	-0.21	-0.23	34.901	28.037	28.038	6.14	0.916	1458.3
580	-0.23	-0.25	34.901	28.038	28.039	6.03	0.922	1458.5
590	-0.24	-0.26	34.901	28.039	28.040	5.92	0.928	1458.6
600	-0.26	-0.28	34.902	28.040	28.042	5.73	0.934	1458.8
610	-0.28	-0.30	34.901	28.041	28.042	5.66	0.939	1459.0
620	-0.29	-0.32	34.902	28.042	28.043	5.52	0.945	1459.1
630	-0.30	-0.33	34.902	28.043	28.044	5.41	0.950	1459.3
640	-0.31	-0.34	34.902	28.043	28.044	5.34	0.956	1459.5
650	-0.32	-0.35	34.901	28.043	28.045	5.31	0.961	1459.6
660	-0.33	-0.36	34.902	28.044	28.046	5.19	0.966	1459.8
670	-0.34	-0.37	34.902	28.044	28.046	5.14	0.972	1460.0
680	-0.35	-0.38	34.903	28.046	28.047	4.96	0.977	1460.1
690	-0.36	-0.39	34.902	28.046	28.047	4.94	0.982	1460.3
700	-0.38	-0.40	34.903	28.048	28.049	4.75	0.986	1460.5
710	-0.38	-0.41	34.903	28.047	28.049	4.75	0.991	1460.6
720	-0.39	-0.42	34.904	28.049	28.050	4.57	0.996	1460.8
730	-0.40	-0.43	34.902	28.048	28.049	4.66	1.000	1460.9
740	-0.41	-0.44	34.904	28.050	28.051	4.45	1.005	1461.1
750	-0.42	-0.45	34.903	28.049	28.051	4.44	1.009	1461.3
760	-0.43	-0.46	34.904	28.051	28.052	4.28	1.014	1461.4
770	-0.44	-0.47	34.904	28.051	28.053	4.21	1.018	1461.6
780	-0.45	-0.48	34.904	28.051	28.053	4.14	1.022	1461.8
790	-0.46	-0.49	34.904	28.052	28.053	4.07	1.026	1461.9
800	-0.47	-0.50	34.903	28.051	28.053	4.07	1.030	1462.1
810	-0.48	-0.51	34.904	28.053	28.054	3.91	1.034	1462.3
820	-0.49	-0.52	34.904	28.053	28.055	3.85	1.038	1462.4
830	-0.50	-0.53	34.906	28.055	28.057	3.62	1.042	1462.6
840	-0.50	-0.54	34.904	28.054	28.056	3.68	1.046	1462.8
850	-0.51	-0.54	34.903	28.054	28.055	3.68	1.049	1462.9
860	-0.52	-0.55	34.905	28.056	28.057	3.46	1.053	1463.1
870	-0.53	-0.56	34.904	28.055	28.057	3.46	1.056	1463.3
880	-0.54	-0.58	34.904	28.056	28.058	3.36	1.060	1463.4
890	-0.55	-0.59	34.906	28.058	28.059	3.18	1.063	1463.6
900	-0.56	-0.59	34.904	28.057	28.059	3.20	1.066	1463.8
910	-0.57	-0.60	34.905	28.058	28.060	3.07	1.069	1463.9
920	-0.57	-0.61	34.905	28.058	28.060	3.03	1.072	1464.1
930	-0.58	-0.62	34.906	28.060	28.061	2.84	1.075	1464.3
940	-0.59	-0.63	34.905	28.059	28.060	2.89	1.078	1464.4
950	-0.60	-0.64	34.906	28.060	28.062	2.70	1.081	1464.6
960	-0.61	-0.64	34.905	28.060	28.061	2.72	1.084	1464.8
970	-0.62	-0.65	34.906	28.061	28.063	2.58	1.086	1464.9
980	-0.62	-0.66	34.906	28.061	28.063	2.51	1.089	1465.1
990	-0.63	-0.67	34.907	28.062	28.064	2.38	1.091	1465.3
1000	-0.63	-0.67	34.906	28.062	28.064	2.39	1.094	1465.4
1010	-0.65	-0.69	34.907	28.063	28.065	2.23	1.096	1465.6
1020	-0.65	-0.69	34.906	28.062	28.064	2.26	1.098	1465.7
1030	-0.66	-0.70	34.907	28.064	28.066	2.08	1.100	1465.9

1040	-0.67	-0.71	34.908	28.065	28.067	1.90	1.102	1466.1
1050	-0.68	-0.72	34.908	28.065	28.067	1.83	1.104	1466.2
1060	-0.68	-0.73	34.908	28.065	28.067	1.80	1.106	1466.4
1070	-0.69	-0.73	34.908	28.066	28.068	1.69	1.108	1466.6
1080	-0.69	-0.74	34.908	28.066	28.068	1.69	1.110	1466.7
1090	-0.70	-0.74	34.908	28.066	28.068	1.65	1.111	1466.9
1100	-0.71	-0.75	34.910	28.069	28.071	1.35	1.113	1467.1

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	4.69	4.69	34.591	27.387	27.387	68.18	0.034	1469.0
10	4.68	4.68	34.592	27.389	27.389	68.02	0.068	1469.1
20	4.05	4.05	34.639	27.494	27.495	58.11	0.131	1466.7
30	2.12	2.12	34.766	27.775	27.775	31.56	0.176	1458.8
40	1.66	1.66	34.796	27.835	27.835	25.83	0.205	1457.0
50	1.25	1.25	34.803	27.870	27.870	22.53	0.229	1455.3
60	1.09	1.08	34.819	27.894	27.895	20.21	0.250	1454.8
70	1.00	1.00	34.837	27.914	27.914	18.34	0.270	1454.6
80	0.94	0.93	34.844	27.924	27.925	17.40	0.287	1454.5
90	0.97	0.97	34.868	27.941	27.942	15.83	0.304	1454.8
100	1.01	1.00	34.880	27.948	27.949	15.21	0.320	1455.2
110	1.03	1.03	34.893	27.957	27.958	14.37	0.334	1455.5
120	1.01	1.00	34.895	27.961	27.961	14.07	0.349	1455.5
130	0.93	0.92	34.895	27.966	27.966	13.57	0.362	1455.3
140	0.89	0.89	34.896	27.969	27.969	13.30	0.376	1455.3
150	0.85	0.84	34.895	27.971	27.972	13.08	0.389	1455.3
160	0.78	0.78	34.896	27.976	27.976	12.64	0.402	1455.2
170	0.71	0.71	34.893	27.978	27.978	12.44	0.414	1455.0
180	0.67	0.66	34.895	27.983	27.983	12.01	0.427	1455.0
190	0.63	0.63	34.893	27.983	27.984	11.92	0.439	1455.0
200	0.59	0.58	34.893	27.986	27.987	11.67	0.450	1455.0
210	0.54	0.53	34.897	27.992	27.993	11.08	0.462	1454.9
220	0.50	0.50	34.898	27.995	27.995	10.82	0.473	1454.9
230	0.48	0.47	34.898	27.997	27.997	10.63	0.483	1454.9
240	0.43	0.42	34.896	27.998	27.998	10.51	0.494	1454.9
250	0.41	0.40	34.899	28.001	28.002	10.18	0.504	1454.9
260	0.38	0.37	34.899	28.003	28.004	9.96	0.514	1455.0
270	0.37	0.36	34.900	28.005	28.005	9.84	0.524	1455.1
280	0.34	0.33	34.900	28.007	28.008	9.62	0.534	1455.1
290	0.33	0.31	34.900	28.008	28.008	9.54	0.544	1455.2
300	0.31	0.30	34.901	28.009	28.010	9.43	0.553	1455.3
310	0.30	0.29	34.901	28.009	28.010	9.38	0.563	1455.4
320	0.26	0.25	34.903	28.013	28.014	8.97	0.572	1455.4
330	0.25	0.24	34.903	28.014	28.014	8.94	0.581	1455.6
340	0.24	0.23	34.901	28.013	28.014	8.97	0.590	1455.7
350	0.20	0.18	34.903	28.017	28.018	8.57	0.598	1455.6
360	0.15	0.13	34.904	28.020	28.021	8.21	0.607	1455.6
370	0.14	0.12	34.904	28.021	28.022	8.14	0.615	1455.7
380	0.11	0.10	34.904	28.023	28.024	7.94	0.623	1455.7
390	0.09	0.07	34.904	28.024	28.025	7.86	0.631	1455.8
400	0.07	0.05	34.904	28.025	28.026	7.73	0.639	1455.9
410	0.06	0.04	34.904	28.026	28.027	7.60	0.646	1455.9
420	0.01	0.00	34.905	28.029	28.030	7.31	0.654	1455.9
430	0.01	-0.01	34.905	28.029	28.030	7.23	0.661	1456.1
440	0.00	-0.02	34.904	28.029	28.030	7.22	0.668	1456.2
450	-0.02	-0.04	34.905	28.030	28.031	7.10	0.675	1456.4
460	-0.03	-0.05	34.904	28.030	28.031	7.09	0.683	1456.5
470	-0.04	-0.06	34.904	28.031	28.032	7.00	0.690	1456.7
480	-0.05	-0.07	34.904	28.032	28.033	6.92	0.697	1456.8
490	-0.06	-0.08	34.904	28.032	28.033	6.88	0.703	1457.0

501	-0.06	-0.08	34.905	28.033	28.034	6.78	0.711	1457.2
510	-0.07	-0.09	34.905	28.033	28.034	6.74	0.717	1457.3
520	-0.08	-0.10	34.905	28.034	28.035	6.69	0.724	1457.5
530	-0.09	-0.12	34.905	28.034	28.035	6.61	0.730	1457.7
540	-0.11	-0.13	34.905	28.035	28.037	6.48	0.737	1457.8
550	-0.12	-0.14	34.905	28.036	28.037	6.45	0.743	1458.0
560	-0.13	-0.15	34.905	28.037	28.038	6.33	0.750	1458.2
570	-0.13	-0.15	34.906	28.037	28.038	6.28	0.756	1458.3
580	-0.13	-0.16	34.905	28.037	28.038	6.32	0.762	1458.5
590	-0.14	-0.16	34.905	28.037	28.038	6.25	0.769	1458.6
600	-0.15	-0.17	34.905	28.038	28.039	6.17	0.775	1458.8

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	4.90	4.90	34.163	27.024	27.024	102.59	0.051	1469.3
11	4.93	4.93	34.218	27.064	27.064	98.88	0.112	1469.6
20	5.24	5.23	34.331	27.118	27.118	93.85	0.198	1471.2
30	4.87	4.87	34.390	27.207	27.207	85.51	0.288	1469.9
40	2.17	2.17	34.389	27.469	27.469	60.55	0.361	1458.7
50	1.11	1.11	34.602	27.718	27.718	36.90	0.410	1454.5
60	1.05	1.04	34.651	27.762	27.762	32.76	0.445	1454.4
70	0.57	0.57	34.702	27.833	27.833	25.95	0.474	1452.5
80	0.46	0.46	34.725	27.858	27.858	23.57	0.499	1452.2
90	0.38	0.37	34.782	27.909	27.909	18.72	0.520	1452.0
100	0.37	0.36	34.815	27.936	27.937	16.15	0.537	1452.2
110	0.37	0.37	34.827	27.945	27.946	15.30	0.553	1452.4
120	0.38	0.38	34.834	27.951	27.951	14.78	0.568	1452.6
130	0.39	0.38	34.843	27.958	27.958	14.18	0.583	1452.8
140	0.41	0.40	34.855	27.966	27.967	13.38	0.596	1453.1
150	0.42	0.42	34.865	27.973	27.973	12.75	0.610	1453.3
160	0.58	0.57	34.881	27.977	27.977	12.48	0.622	1454.2
170	0.56	0.55	34.884	27.981	27.981	12.12	0.634	1454.3
180	0.53	0.52	34.882	27.981	27.981	12.11	0.647	1454.3
190	0.51	0.50	34.891	27.989	27.990	11.29	0.658	1454.4
200	0.48	0.47	34.888	27.988	27.989	11.40	0.670	1454.4
210	0.45	0.44	34.889	27.991	27.991	11.16	0.681	1454.5
220	0.47	0.46	34.891	27.992	27.992	11.08	0.692	1454.7
230	0.40	0.39	34.887	27.993	27.994	10.91	0.703	1454.5
240	0.40	0.39	34.891	27.996	27.996	10.70	0.714	1454.7
250	0.31	0.30	34.886	27.997	27.997	10.52	0.724	1454.5
260	0.30	0.29	34.889	28.000	28.001	10.19	0.735	1454.6
270	0.30	0.29	34.895	28.005	28.006	9.75	0.745	1454.8
280	0.29	0.28	34.895	28.005	28.006	9.74	0.754	1454.9
290	0.33	0.32	34.903	28.010	28.011	9.34	0.764	1455.2
300	0.33	0.32	34.904	28.010	28.011	9.33	0.773	1455.4
310	0.29	0.28	34.903	28.011	28.012	9.19	0.783	1455.4
320	0.28	0.27	34.903	28.013	28.014	9.04	0.792	1455.5
330	0.29	0.28	34.906	28.014	28.015	8.94	0.801	1455.7
340	0.30	0.29	34.909	28.016	28.017	8.77	0.810	1455.9
350	0.28	0.26	34.907	28.016	28.017	8.75	0.818	1456.0
360	0.27	0.25	34.907	28.017	28.018	8.68	0.827	1456.1
370	0.26	0.24	34.907	28.017	28.018	8.62	0.836	1456.2
380	0.23	0.21	34.906	28.017	28.018	8.59	0.844	1456.3
390	0.21	0.19	34.907	28.020	28.021	8.36	0.853	1456.3
400	0.16	0.14	34.903	28.019	28.020	8.36	0.861	1456.3
410	0.14	0.12	34.903	28.020	28.021	8.22	0.869	1456.3
420	0.12	0.10	34.904	28.023	28.023	8.00	0.878	1456.4
430	0.10	0.08	34.904	28.024	28.025	7.87	0.885	1456.5
440	0.09	0.07	34.902	28.023	28.024	7.95	0.893	1456.6
450	0.06	0.04	34.903	28.024	28.025	7.75	0.901	1456.6
460	0.05	0.03	34.903	28.025	28.026	7.66	0.909	1456.7
470	0.04	0.02	34.904	28.027	28.028	7.50	0.917	1456.9
480	0.02	0.00	34.904	28.028	28.029	7.40	0.924	1456.9
490	0.01	-0.01	34.904	28.029	28.030	7.27	0.931	1457.0

500	0.00	-0.02	34.903	28.028	28.029	7.36	0.939	1457.2
510	-0.03	-0.05	34.903	28.030	28.031	7.12	0.946	1457.3
520	-0.04	-0.06	34.902	28.029	28.030	7.17	0.953	1457.5
530	-0.06	-0.08	34.901	28.030	28.031	7.08	0.960	1457.7
540	-0.09	-0.11	34.903	28.032	28.034	6.78	0.967	1457.8
550	-0.10	-0.13	34.902	28.033	28.034	6.70	0.974	1458.0
560	-0.11	-0.13	34.903	28.034	28.035	6.57	0.980	1458.2
570	-0.12	-0.15	34.903	28.034	28.035	6.55	0.987	1458.3
580	-0.13	-0.15	34.904	28.035	28.037	6.43	0.993	1458.5
590	-0.13	-0.15	34.904	28.035	28.037	6.44	1.000	1458.6
600	-0.15	-0.17	34.904	28.037	28.038	6.24	1.006	1458.8
610	-0.18	-0.20	34.902	28.037	28.038	6.23	1.012	1459.0
620	-0.20	-0.23	34.904	28.039	28.040	5.94	1.019	1459.1
630	-0.23	-0.26	34.903	28.040	28.042	5.75	1.024	1459.3
640	-0.25	-0.27	34.903	28.041	28.042	5.65	1.030	1459.5
650	-0.26	-0.29	34.904	28.042	28.044	5.52	1.036	1459.6
660	-0.27	-0.29	34.904	28.042	28.044	5.48	1.041	1459.8
670	-0.28	-0.31	34.903	28.043	28.044	5.41	1.047	1460.0
680	-0.30	-0.32	34.904	28.044	28.046	5.22	1.052	1460.1
690	-0.31	-0.34	34.903	28.044	28.046	5.21	1.057	1460.3
700	-0.32	-0.35	34.904	28.046	28.047	5.05	1.062	1460.5
710	-0.33	-0.36	34.905	28.046	28.048	4.96	1.067	1460.6
720	-0.34	-0.37	34.904	28.046	28.048	4.92	1.072	1460.8
730	-0.34	-0.37	34.905	28.047	28.048	4.87	1.077	1461.0
740	-0.35	-0.38	34.904	28.047	28.048	4.85	1.082	1461.1
750	-0.36	-0.39	34.904	28.048	28.049	4.72	1.087	1461.3
760	-0.38	-0.41	34.903	28.048	28.049	4.68	1.091	1461.4
770	-0.40	-0.43	34.905	28.050	28.052	4.40	1.096	1461.6
780	-0.41	-0.44	34.904	28.050	28.051	4.38	1.100	1461.8
790	-0.43	-0.46	34.904	28.050	28.052	4.30	1.105	1461.9
800	-0.44	-0.47	34.904	28.051	28.052	4.20	1.109	1462.1
810	-0.44	-0.48	34.904	28.051	28.053	4.13	1.113	1462.3
820	-0.45	-0.49	34.905	28.053	28.054	3.98	1.117	1462.4
830	-0.46	-0.49	34.905	28.053	28.055	3.88	1.121	1462.6
840	-0.47	-0.50	34.905	28.054	28.055	3.82	1.125	1462.8
850	-0.47	-0.51	34.905	28.053	28.055	3.82	1.129	1462.9
860	-0.48	-0.51	34.904	28.053	28.055	3.82	1.133	1463.1
870	-0.48	-0.52	34.905	28.054	28.056	3.69	1.136	1463.3
880	-0.48	-0.52	34.905	28.054	28.056	3.69	1.140	1463.4
890	-0.49	-0.52	34.904	28.054	28.055	3.70	1.144	1463.6
900	-0.49	-0.53	34.905	28.055	28.056	3.58	1.147	1463.8
910	-0.50	-0.54	34.905	28.055	28.056	3.55	1.151	1463.9
920	-0.51	-0.55	34.905	28.055	28.057	3.43	1.154	1464.1
930	-0.52	-0.56	34.906	28.056	28.058	3.31	1.158	1464.3
940	-0.52	-0.56	34.905	28.056	28.057	3.36	1.161	1464.4
950	-0.53	-0.57	34.906	28.057	28.059	3.20	1.164	1464.6
960	-0.53	-0.57	34.905	28.056	28.058	3.24	1.168	1464.8
970	-0.54	-0.58	34.905	28.057	28.059	3.15	1.171	1464.9
980	-0.54	-0.58	34.906	28.058	28.059	3.06	1.174	1465.1
990	-0.55	-0.59	34.906	28.058	28.060	2.95	1.177	1465.3
1000	-0.56	-0.60	34.905	28.057	28.059	3.00	1.180	1465.4
1010	-0.56	-0.60	34.906	28.058	28.060	2.89	1.183	1465.6
1020	-0.57	-0.61	34.906	28.059	28.061	2.78	1.186	1465.7
1030	-0.57	-0.61	34.906	28.059	28.061	2.78	1.189	1465.9

1040	-0.58	-0.63	34.907	28.060	28.062	2.63	1.191	1466.1
1050	-0.59	-0.63	34.906	28.060	28.062	2.59	1.194	1466.2
1060	-0.59	-0.64	34.905	28.059	28.061	2.66	1.196	1466.4
1070	-0.59	-0.64	34.907	28.061	28.063	2.48	1.199	1466.6
1080	-0.60	-0.64	34.906	28.060	28.062	2.48	1.202	1466.7
1090	-0.60	-0.64	34.906	28.060	28.063	2.45	1.204	1466.9
1100	-0.60	-0.65	34.906	28.061	28.063	2.41	1.206	1467.1
1110	-0.60	-0.65	34.906	28.061	28.063	2.38	1.209	1467.2
1120	-0.61	-0.65	34.907	28.061	28.063	2.34	1.211	1467.4
1130	-0.61	-0.66	34.908	28.062	28.064	2.22	1.213	1467.6
1140	-0.61	-0.66	34.906	28.061	28.063	2.33	1.216	1467.7
1150	-0.62	-0.66	34.907	28.062	28.064	2.19	1.218	1467.9
1160	-0.63	-0.68	34.907	28.062	28.064	2.08	1.220	1468.1
1170	-0.63	-0.68	34.906	28.062	28.064	2.09	1.222	1468.2
1180	-0.64	-0.69	34.907	28.063	28.065	1.96	1.224	1468.4
1190	-0.64	-0.69	34.908	28.064	28.066	1.84	1.226	1468.6
1200	-0.64	-0.69	34.907	28.063	28.065	1.87	1.228	1468.7
1210	-0.65	-0.70	34.908	28.064	28.066	1.75	1.230	1468.9
1220	-0.65	-0.70	34.907	28.063	28.066	1.78	1.232	1469.1
1230	-0.66	-0.71	34.908	28.065	28.067	1.63	1.233	1469.2
1240	-0.66	-0.71	34.908	28.065	28.067	1.61	1.235	1469.4
1250	-0.66	-0.71	34.909	28.065	28.068	1.54	1.236	1469.6
1260	-0.66	-0.71	34.910	28.066	28.068	1.45	1.238	1469.7
1270	-0.67	-0.73	34.911	28.067	28.070	1.27	1.239	1469.9
1280	-0.68	-0.73	34.911	28.067	28.070	1.23	1.241	1470.1
1290	-0.68	-0.73	34.910	28.067	28.070	1.22	1.242	1470.2
1300	-0.68	-0.74	34.910	28.067	28.070	1.18	1.243	1470.4
1310	-0.68	-0.74	34.911	28.068	28.070	1.09	1.244	1470.6
1320	-0.69	-0.75	34.911	28.069	28.071	0.99	1.245	1470.7
1330	-0.69	-0.75	34.912	28.069	28.072	0.92	1.246	1470.9
1340	-0.70	-0.75	34.912	28.070	28.072	0.83	1.247	1471.1
1350	-0.70	-0.76	34.912	28.069	28.072	0.82	1.248	1471.2
1360	-0.70	-0.76	34.911	28.069	28.072	0.83	1.249	1471.4
1370	-0.70	-0.76	34.911	28.069	28.071	0.84	1.249	1471.6
1380	-0.70	-0.76	34.913	28.070	28.073	0.66	1.250	1471.7
1390	-0.70	-0.76	34.912	28.069	28.072	0.73	1.251	1471.9
1400	-0.71	-0.77	34.913	28.071	28.073	0.60	1.252	1472.1

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	2.87	2.87	31.856	25.387	25.387	257.96	0.129	1457.8
10	2.90	2.90	31.887	25.409	25.409	255.86	0.257	1458.1
20	3.63	3.63	32.768	26.047	26.047	195.34	0.483	1462.5
30	-0.76	-0.77	33.925	27.273	27.273	78.80	0.620	1448.2
40	-1.12	-1.12	34.184	27.497	27.497	57.53	0.688	1448.7
50	-0.43	-0.43	34.480	27.707	27.708	37.66	0.736	1449.3
60	-0.12	-0.12	34.601	27.790	27.790	29.87	0.770	1449.6
70	0.50	0.49	34.741	27.869	27.870	22.49	0.796	1452.2
80	0.79	0.79	34.794	27.893	27.894	20.29	0.817	1453.8
90	1.06	1.05	34.847	27.919	27.919	17.95	0.836	1455.2
100	1.22	1.21	34.873	27.929	27.929	17.10	0.854	1456.1
110	1.29	1.29	34.893	27.940	27.940	16.14	0.870	1456.6
120	1.29	1.29	34.901	27.946	27.946	15.59	0.886	1456.8
130	1.27	1.26	34.904	27.950	27.950	15.23	0.902	1456.8
140	1.25	1.25	34.909	27.955	27.956	14.75	0.917	1457.0
150	1.21	1.20	34.911	27.960	27.961	14.28	0.931	1456.9
160	1.21	1.20	34.917	27.964	27.965	13.91	0.945	1457.1
170	1.17	1.16	34.919	27.969	27.970	13.48	0.959	1457.1
180	1.16	1.15	34.923	27.973	27.974	13.14	0.972	1457.2
190	1.15	1.14	34.925	27.976	27.976	12.93	0.985	1457.3
200	1.14	1.13	34.925	27.976	27.977	12.90	0.998	1457.4
210	1.11	1.10	34.925	27.978	27.979	12.73	1.011	1457.5
220	1.05	1.04	34.923	27.981	27.981	12.49	1.024	1457.4
230	1.04	1.03	34.926	27.983	27.984	12.23	1.036	1457.5
240	1.03	1.02	34.927	27.985	27.985	12.15	1.048	1457.6
250	1.00	0.99	34.928	27.988	27.988	11.87	1.060	1457.7
260	0.98	0.97	34.928	27.989	27.990	11.72	1.072	1457.7
270	0.95	0.94	34.929	27.992	27.993	11.44	1.084	1457.7
280	0.93	0.91	34.930	27.994	27.995	11.30	1.095	1457.8
290	0.88	0.87	34.929	27.996	27.997	11.05	1.106	1457.8
300	0.84	0.83	34.928	27.998	27.999	10.91	1.117	1457.8
310	0.84	0.82	34.928	27.998	27.999	10.86	1.128	1457.9
320	0.76	0.75	34.924	28.000	28.001	10.68	1.139	1457.7
330	0.73	0.72	34.925	28.003	28.004	10.36	1.149	1457.7
340	0.69	0.68	34.923	28.004	28.005	10.27	1.160	1457.7
350	0.64	0.62	34.921	28.006	28.007	10.04	1.170	1457.6
360	0.59	0.58	34.921	28.008	28.009	9.79	1.180	1457.6
370	0.55	0.53	34.919	28.010	28.011	9.64	1.189	1457.6
380	0.51	0.49	34.919	28.012	28.013	9.41	1.199	1457.5
390	0.49	0.47	34.918	28.012	28.013	9.36	1.208	1457.6
400	0.46	0.44	34.917	28.013	28.014	9.24	1.218	1457.7
410	0.43	0.42	34.915	28.013	28.014	9.23	1.227	1457.7
420	0.40	0.38	34.914	28.014	28.015	9.12	1.236	1457.7
430	0.38	0.36	34.914	28.015	28.017	8.97	1.245	1457.8
440	0.36	0.34	34.911	28.015	28.016	9.02	1.254	1457.8
450	0.34	0.32	34.914	28.018	28.019	8.75	1.263	1457.9
460	0.31	0.29	34.910	28.016	28.017	8.84	1.272	1458.0
470	0.28	0.26	34.911	28.019	28.020	8.56	1.280	1458.0
480	0.23	0.21	34.908	28.019	28.021	8.45	1.289	1457.9
490	0.21	0.19	34.909	28.021	28.022	8.30	1.297	1458.0

500	0.19	0.17	34.906	28.020	28.021	8.38	1.306	1458.1
510	0.18	0.16	34.908	28.022	28.024	8.12	1.314	1458.2
520	0.16	0.14	34.908	28.023	28.024	8.05	1.322	1458.3
530	0.15	0.13	34.908	28.023	28.025	7.98	1.330	1458.4
540	0.13	0.11	34.907	28.024	28.025	7.88	1.338	1458.4
550	0.13	0.10	34.908	28.025	28.026	7.79	1.346	1458.6
560	0.11	0.09	34.907	28.025	28.027	7.75	1.354	1458.7
570	0.10	0.08	34.907	28.026	28.027	7.66	1.361	1458.8
580	0.07	0.05	34.906	28.026	28.028	7.60	1.369	1458.8
590	0.06	0.04	34.906	28.027	28.029	7.50	1.376	1458.9
600	0.04	0.01	34.903	28.026	28.028	7.55	1.384	1459.0
610	0.02	-0.01	34.906	28.029	28.031	7.21	1.391	1459.1
620	0.00	-0.03	34.905	28.030	28.031	7.18	1.399	1459.1
630	-0.02	-0.04	34.904	28.030	28.031	7.13	1.406	1459.3
640	-0.02	-0.05	34.905	28.030	28.032	7.05	1.413	1459.5
650	-0.05	-0.08	34.904	28.032	28.033	6.89	1.420	1459.6
660	-0.07	-0.09	34.905	28.033	28.034	6.73	1.427	1459.8
670	-0.08	-0.11	34.906	28.035	28.036	6.52	1.433	1460.0
680	-0.09	-0.12	34.907	28.036	28.037	6.41	1.440	1460.1
690	-0.11	-0.14	34.906	28.036	28.038	6.32	1.446	1460.3
700	-0.14	-0.16	34.906	28.038	28.039	6.13	1.452	1460.5
710	-0.16	-0.19	34.905	28.038	28.040	6.01	1.458	1460.6
720	-0.18	-0.21	34.903	28.038	28.039	6.06	1.464	1460.8
730	-0.19	-0.22	34.906	28.040	28.041	5.81	1.470	1461.0
740	-0.21	-0.24	34.905	28.041	28.042	5.67	1.476	1461.1
750	-0.23	-0.26	34.904	28.040	28.042	5.67	1.482	1461.3
760	-0.25	-0.28	34.904	28.042	28.043	5.50	1.487	1461.4
770	-0.26	-0.30	34.904	28.043	28.045	5.34	1.493	1461.6
780	-0.28	-0.31	34.905	28.044	28.046	5.20	1.498	1461.8
790	-0.29	-0.33	34.904	28.044	28.045	5.18	1.503	1461.9
800	-0.31	-0.35	34.904	28.045	28.047	4.99	1.508	1462.1
810	-0.33	-0.36	34.906	28.047	28.049	4.79	1.513	1462.3
820	-0.34	-0.37	34.905	28.047	28.048	4.80	1.518	1462.4
830	-0.35	-0.38	34.904	28.047	28.049	4.73	1.523	1462.6
840	-0.36	-0.40	34.904	28.048	28.050	4.60	1.527	1462.8
850	-0.38	-0.41	34.904	28.048	28.050	4.54	1.532	1462.9
860	-0.39	-0.43	34.905	28.049	28.051	4.38	1.536	1463.1
870	-0.40	-0.44	34.903	28.048	28.050	4.42	1.541	1463.3
880	-0.42	-0.45	34.905	28.051	28.053	4.15	1.545	1463.4
890	-0.43	-0.46	34.905	28.051	28.053	4.07	1.549	1463.6
900	-0.43	-0.47	34.904	28.051	28.053	4.07	1.553	1463.8
910	-0.44	-0.48	34.906	28.052	28.054	3.90	1.557	1463.9
920	-0.47	-0.50	34.903	28.051	28.053	3.93	1.561	1464.1
930	-0.48	-0.52	34.903	28.052	28.054	3.83	1.565	1464.3
940	-0.49	-0.53	34.902	28.052	28.054	3.75	1.569	1464.4
950	-0.49	-0.52	34.905	28.054	28.056	3.60	1.573	1464.6
960	-0.50	-0.54	34.906	28.056	28.057	3.41	1.576	1464.8
970	-0.49	-0.53	34.909	28.057	28.059	3.22	1.579	1464.9
980	-0.50	-0.54	34.906	28.056	28.058	3.35	1.583	1465.1
990	-0.51	-0.55	34.906	28.056	28.058	3.24	1.586	1465.3
1000	-0.52	-0.56	34.905	28.056	28.058	3.24	1.589	1465.4
1010	-0.53	-0.57	34.908	28.058	28.060	3.02	1.592	1465.6
1020	-0.54	-0.58	34.906	28.058	28.060	3.01	1.595	1465.7
1030	-0.55	-0.59	34.906	28.058	28.060	2.90	1.598	1465.9

1040	-0.56	-0.61	34.906	28.059	28.061	2.81	1.601	1466.1
1050	-0.57	-0.61	34.907	28.059	28.061	2.74	1.604	1466.2
1060	-0.58	-0.62	34.907	28.060	28.062	2.61	1.607	1466.4
1070	-0.58	-0.62	34.908	28.061	28.063	2.52	1.609	1466.6
1080	-0.59	-0.64	34.907	28.060	28.062	2.49	1.612	1466.7
1090	-0.59	-0.64	34.908	28.062	28.064	2.37	1.614	1466.9
1100	-0.59	-0.63	34.908	28.061	28.063	2.39	1.616	1467.1
1110	-0.59	-0.63	34.912	28.064	28.066	2.11	1.619	1467.2
1120	-0.58	-0.62	34.911	28.063	28.065	2.21	1.621	1467.4
1130	-0.58	-0.63	34.913	28.065	28.067	2.04	1.623	1467.6
1140	-0.58	-0.63	34.913	28.065	28.067	2.02	1.625	1467.7
1150	-0.59	-0.64	34.912	28.065	28.067	2.00	1.627	1467.9
1160	-0.59	-0.64	34.912	28.065	28.067	1.94	1.629	1468.1
1170	-0.60	-0.65	34.913	28.066	28.068	1.81	1.631	1468.2
1180	-0.60	-0.65	34.912	28.065	28.067	1.85	1.633	1468.4
1190	-0.61	-0.66	34.914	28.067	28.069	1.69	1.634	1468.6
1200	-0.61	-0.66	34.915	28.068	28.070	1.55	1.636	1468.7
1210	-0.62	-0.67	34.914	28.068	28.070	1.51	1.638	1468.9
1220	-0.63	-0.68	34.914	28.068	28.070	1.48	1.639	1469.1
1230	-0.63	-0.69	34.914	28.069	28.071	1.35	1.641	1469.2
1240	-0.64	-0.69	34.914	28.069	28.071	1.32	1.642	1469.4
1250	-0.64	-0.70	34.916	28.070	28.073	1.14	1.643	1469.6
1260	-0.65	-0.70	34.915	28.070	28.072	1.11	1.644	1469.7
1270	-0.65	-0.70	34.914	28.069	28.072	1.16	1.645	1469.9
1280	-0.66	-0.71	34.916	28.071	28.073	1.00	1.646	1470.1
1290	-0.66	-0.72	34.915	28.070	28.073	0.97	1.647	1470.2
1300	-0.67	-0.72	34.917	28.072	28.074	0.81	1.648	1470.4
1310	-0.67	-0.73	34.916	28.072	28.074	0.78	1.649	1470.6
1320	-0.67	-0.73	34.915	28.071	28.074	0.81	1.650	1470.7
1330	-0.68	-0.73	34.916	28.071	28.074	0.75	1.651	1470.9
1340	-0.68	-0.74	34.916	28.072	28.074	0.69	1.651	1471.1
1350	-0.69	-0.75	34.916	28.073	28.075	0.56	1.652	1471.2
1360	-0.70	-0.75	34.917	28.073	28.076	0.48	1.653	1471.4
1370	-0.70	-0.76	34.915	28.072	28.075	0.55	1.653	1471.6
1380	-0.71	-0.77	34.917	28.074	28.077	0.31	1.654	1471.7
1390	-0.71	-0.77	34.915	28.073	28.075	0.39	1.654	1471.9
1400	-0.72	-0.78	34.916	28.073	28.076	0.30	1.654	1472.1
1410	-0.73	-0.79	34.916	28.074	28.076	0.21	1.654	1472.2
1420	-0.73	-0.79	34.916	28.074	28.077	0.12	1.655	1472.4
1430	-0.74	-0.80	34.915	28.074	28.077	0.09	1.655	1472.6
1440	-0.75	-0.81	34.915	28.074	28.076	0.05	1.655	1472.7
1450	-0.76	-0.82	34.916	28.076	28.078	-0.16	1.655	1472.9
1460	-0.76	-0.82	34.916	28.076	28.078	-0.19	1.655	1473.1
1470	-0.76	-0.83	34.917	28.076	28.079	-0.27	1.654	1473.3
1480	-0.77	-0.83	34.915	28.075	28.078	-0.19	1.654	1473.4
1490	-0.77	-0.84	34.915	28.075	28.078	-0.25	1.654	1473.6
1500	-0.78	-0.84	34.913	28.074	28.077	-0.18	1.654	1473.7
1510	-0.78	-0.85	34.915	28.076	28.078	-0.38	1.653	1473.9
1520	-0.79	-0.86	34.915	28.076	28.079	-0.49	1.653	1474.1
1530	-0.80	-0.86	34.915	28.076	28.079	-0.57	1.652	1474.3
1540	-0.80	-0.87	34.915	28.077	28.080	-0.63	1.652	1474.4
1550	-0.80	-0.87	34.916	28.077	28.080	-0.70	1.651	1474.6
1560	-0.81	-0.88	34.916	28.077	28.080	-0.77	1.650	1474.8
1570	-0.81	-0.88	34.915	28.077	28.080	-0.74	1.650	1474.9

1580	-0.82	-0.88	34.915	28.077	28.080	-0.78	1.649	1475.1
1590	-0.82	-0.89	34.914	28.076	28.079	-0.76	1.648	1475.3
1600	-0.82	-0.89	34.913	28.076	28.079	-0.77	1.647	1475.4
1610	-0.82	-0.89	34.914	28.076	28.079	-0.85	1.647	1475.6
1620	-0.83	-0.90	34.915	28.077	28.080	-0.95	1.646	1475.8
1630	-0.83	-0.90	34.912	28.075	28.078	-0.79	1.645	1475.9
1640	-0.83	-0.91	34.916	28.078	28.081	-1.13	1.644	1476.1
1650	-0.84	-0.91	34.916	28.078	28.081	-1.19	1.643	1476.3
1660	-0.84	-0.91	34.913	28.077	28.080	-1.06	1.642	1476.4
1670	-0.84	-0.92	34.913	28.077	28.080	-1.11	1.640	1476.6
1680	-0.85	-0.92	34.914	28.078	28.081	-1.26	1.639	1476.8
1690	-0.85	-0.93	34.911	28.075	28.078	-1.05	1.638	1476.9
1700	-0.86	-0.93	34.914	28.078	28.081	-1.32	1.637	1477.1

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	3.18	3.18	31.672	25.214	25.214	274.46	0.137	1459.0
10	3.19	3.19	31.668	25.210	25.210	274.81	0.275	1459.0
20	3.38	3.38	32.068	25.512	25.512	246.16	0.535	1460.6
30	1.30	1.30	33.985	27.210	27.210	84.96	0.701	1454.1
40	1.23	1.23	34.423	27.566	27.566	51.26	0.769	1454.6
51	-0.07	-0.08	34.473	27.685	27.685	39.87	0.819	1449.3
60	-0.14	-0.14	34.563	27.760	27.760	32.69	0.851	1449.5
70	0.00	0.00	34.647	27.822	27.822	26.91	0.881	1449.8
80	0.02	0.02	34.706	27.868	27.868	22.53	0.906	1450.1
90	0.13	0.13	34.737	27.887	27.887	20.75	0.928	1450.9
100	0.18	0.18	34.763	27.905	27.905	19.05	0.948	1451.3
110	0.21	0.21	34.792	27.927	27.927	17.03	0.966	1451.6
120	0.16	0.16	34.804	27.939	27.939	15.85	0.982	1451.6
130	0.19	0.19	34.816	27.948	27.948	15.06	0.997	1451.9
140	0.28	0.27	34.834	27.957	27.957	14.19	1.012	1452.5
150	0.53	0.52	34.870	27.971	27.972	12.97	1.026	1453.8
160	0.57	0.57	34.880	27.976	27.977	12.52	1.038	1454.2
170	0.64	0.64	34.888	27.979	27.979	12.35	1.051	1454.7
180	0.88	0.87	34.922	27.991	27.992	11.28	1.063	1456.0
190	0.94	0.93	34.922	27.987	27.987	11.79	1.074	1456.4
200	0.97	0.96	34.930	27.991	27.991	11.42	1.086	1456.7
210	0.98	0.97	34.932	27.992	27.993	11.34	1.097	1456.9
220	0.96	0.95	34.928	27.990	27.991	11.50	1.109	1457.0
230	0.97	0.96	34.937	27.997	27.997	10.93	1.120	1457.2
240	0.95	0.94	34.939	27.999	28.000	10.70	1.131	1457.3
250	0.93	0.92	34.939	28.001	28.002	10.56	1.141	1457.4
260	0.90	0.89	34.938	28.002	28.003	10.44	1.152	1457.4
270	0.83	0.82	34.932	28.002	28.003	10.41	1.162	1457.2
280	0.71	0.70	34.926	28.005	28.006	10.07	1.172	1456.8
290	0.67	0.66	34.925	28.007	28.007	9.91	1.182	1456.8
300	0.64	0.63	34.923	28.007	28.007	9.90	1.192	1456.8
310	0.58	0.57	34.923	28.010	28.011	9.53	1.202	1456.8
321	0.60	0.58	34.926	28.012	28.013	9.38	1.212	1457.0
330	0.61	0.60	34.928	28.013	28.014	9.36	1.220	1457.2
340	0.58	0.56	34.926	28.013	28.014	9.31	1.230	1457.2
350	0.53	0.52	34.923	28.013	28.014	9.25	1.239	1457.2
360	0.49	0.47	34.921	28.015	28.016	9.09	1.248	1457.1
370	0.45	0.43	34.917	28.014	28.015	9.14	1.257	1457.1
380	0.38	0.36	34.915	28.017	28.018	8.83	1.266	1457.0
390	0.44	0.42	34.924	28.020	28.021	8.54	1.275	1457.4
400	0.35	0.33	34.918	28.020	28.021	8.45	1.283	1457.2
410	0.34	0.32	34.919	28.022	28.023	8.32	1.292	1457.3
420	0.36	0.35	34.921	28.022	28.023	8.35	1.300	1457.5
430	0.29	0.27	34.917	28.023	28.024	8.15	1.308	1457.4
440	0.29	0.27	34.919	28.025	28.026	7.97	1.316	1457.5
450	0.26	0.24	34.918	28.025	28.026	7.95	1.324	1457.6
460	0.24	0.22	34.917	28.026	28.027	7.80	1.332	1457.6
470	0.20	0.18	34.916	28.027	28.028	7.71	1.340	1457.6
480	0.17	0.15	34.916	28.029	28.030	7.47	1.348	1457.6
490	0.15	0.13	34.915	28.029	28.031	7.41	1.355	1457.7

500	0.13	0.11	34.915	28.030	28.031	7.30	1.362	1457.8
510	0.12	0.10	34.915	28.031	28.032	7.22	1.370	1457.9
520	0.12	0.09	34.916	28.032	28.034	7.10	1.377	1458.0
530	0.09	0.07	34.916	28.033	28.035	6.96	1.384	1458.1
540	0.07	0.04	34.916	28.035	28.036	6.82	1.391	1458.1
550	0.05	0.03	34.915	28.035	28.037	6.73	1.397	1458.2
560	0.02	0.00	34.914	28.036	28.037	6.61	1.404	1458.3
570	-0.02	-0.04	34.913	28.037	28.039	6.41	1.411	1458.3
580	-0.05	-0.07	34.911	28.037	28.038	6.42	1.417	1458.5
590	-0.09	-0.11	34.911	28.039	28.040	6.14	1.423	1458.7
600	-0.12	-0.14	34.911	28.041	28.042	5.92	1.429	1458.8
610	-0.14	-0.17	34.911	28.042	28.043	5.79	1.435	1459.0
620	-0.15	-0.18	34.911	28.043	28.044	5.68	1.441	1459.2
630	-0.17	-0.20	34.911	28.043	28.044	5.61	1.447	1459.3
640	-0.19	-0.22	34.910	28.044	28.045	5.52	1.452	1459.5
650	-0.21	-0.23	34.911	28.046	28.047	5.31	1.458	1459.6
660	-0.22	-0.24	34.911	28.045	28.047	5.29	1.463	1459.8
670	-0.23	-0.26	34.910	28.046	28.047	5.25	1.468	1460.0
680	-0.25	-0.28	34.911	28.048	28.049	4.99	1.473	1460.1
690	-0.27	-0.30	34.910	28.048	28.049	4.94	1.478	1460.3
700	-0.29	-0.32	34.910	28.049	28.050	4.80	1.483	1460.5
710	-0.31	-0.33	34.909	28.049	28.050	4.79	1.488	1460.6
720	-0.32	-0.35	34.910	28.051	28.052	4.56	1.493	1460.8
730	-0.33	-0.36	34.908	28.050	28.051	4.62	1.497	1461.0
740	-0.35	-0.38	34.908	28.050	28.052	4.50	1.502	1461.1
750	-0.38	-0.41	34.909	28.052	28.054	4.25	1.506	1461.3
760	-0.40	-0.43	34.909	28.053	28.055	4.09	1.510	1461.5
770	-0.41	-0.44	34.909	28.053	28.055	4.08	1.514	1461.6
780	-0.43	-0.46	34.909	28.054	28.056	3.93	1.518	1461.8
790	-0.43	-0.47	34.907	28.053	28.055	3.97	1.522	1461.9
800	-0.46	-0.49	34.909	28.056	28.057	3.71	1.526	1462.1
810	-0.47	-0.50	34.909	28.056	28.058	3.63	1.530	1462.3
820	-0.48	-0.51	34.907	28.056	28.057	3.62	1.533	1462.4
830	-0.49	-0.53	34.908	28.057	28.058	3.47	1.537	1462.6
840	-0.50	-0.54	34.909	28.058	28.060	3.33	1.540	1462.8
850	-0.51	-0.54	34.908	28.058	28.059	3.31	1.544	1462.9
860	-0.52	-0.55	34.909	28.059	28.061	3.14	1.547	1463.1
870	-0.53	-0.57	34.910	28.060	28.062	3.03	1.550	1463.3
880	-0.54	-0.57	34.910	28.060	28.062	2.97	1.553	1463.4
890	-0.55	-0.59	34.910	28.062	28.063	2.81	1.556	1463.6
900	-0.56	-0.59	34.910	28.061	28.063	2.81	1.559	1463.8
910	-0.56	-0.60	34.911	28.062	28.064	2.69	1.561	1463.9
920	-0.57	-0.61	34.910	28.062	28.064	2.66	1.564	1464.1
930	-0.58	-0.62	34.911	28.063	28.065	2.53	1.567	1464.3
940	-0.58	-0.62	34.911	28.064	28.065	2.46	1.569	1464.4
950	-0.59	-0.62	34.911	28.064	28.066	2.41	1.572	1464.6
960	-0.59	-0.63	34.911	28.063	28.065	2.42	1.574	1464.8
970	-0.60	-0.63	34.911	28.064	28.065	2.36	1.576	1464.9
980	-0.60	-0.64	34.912	28.065	28.067	2.22	1.579	1465.1
990	-0.61	-0.65	34.912	28.065	28.067	2.16	1.581	1465.3
1001	-0.61	-0.65	34.913	28.066	28.068	2.03	1.583	1465.4

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	-0.46	-0.46	29.325	23.542	23.542	433.67	0.217	1441.6
10	-0.46	-0.46	29.387	23.592	23.592	428.88	0.432	1441.8
20	-1.04	-1.04	32.399	26.047	26.047	195.07	0.744	1446.0
30	-1.52	-1.52	33.828	27.221	27.221	83.67	0.884	1448.1
40	-1.54	-1.54	34.039	27.392	27.393	67.35	0.959	1448.5
50	-1.43	-1.43	34.154	27.482	27.482	58.79	1.022	1448.8
60	-1.27	-1.27	34.248	27.553	27.553	52.07	1.078	1449.1
70	-0.96	-0.97	34.348	27.624	27.624	45.41	1.127	1449.4
80	-0.52	-0.53	34.444	27.683	27.683	39.88	1.169	1449.7
90	-0.26	-0.26	34.519	27.731	27.731	35.42	1.207	1450.0
100	0.09	0.09	34.604	27.782	27.782	30.69	1.240	1450.6
110	0.41	0.40	34.679	27.824	27.825	26.74	1.269	1452.4
120	0.75	0.74	34.740	27.853	27.853	24.15	1.294	1454.1
130	0.95	0.94	34.788	27.878	27.879	21.85	1.317	1455.3
140	1.03	1.03	34.819	27.898	27.898	20.05	1.338	1455.9
150	1.10	1.09	34.837	27.907	27.908	19.21	1.358	1456.3
160	1.09	1.08	34.847	27.916	27.917	18.39	1.376	1456.5
170	1.08	1.07	34.862	27.929	27.930	17.20	1.394	1456.6
180	1.09	1.08	34.872	27.937	27.937	16.55	1.411	1456.8
190	1.11	1.10	34.892	27.951	27.952	15.20	1.427	1457.1
200	1.05	1.04	34.894	27.957	27.958	14.65	1.442	1457.0
210	1.02	1.01	34.898	27.962	27.963	14.19	1.456	1457.1
220	1.00	0.99	34.904	27.968	27.969	13.62	1.470	1457.1
230	1.12	1.11	34.920	27.973	27.974	13.23	1.484	1457.8
240	1.11	1.10	34.922	27.976	27.976	13.05	1.497	1458.0
250	1.07	1.06	34.927	27.982	27.982	12.47	1.510	1458.0
260	1.12	1.11	34.934	27.984	27.985	12.27	1.522	1458.4
270	1.10	1.09	34.937	27.988	27.989	11.94	1.534	1458.5
280	1.11	1.10	34.940	27.990	27.991	11.77	1.546	1458.7
290	1.12	1.10	34.944	27.993	27.994	11.57	1.558	1458.9
300	1.15	1.13	34.954	27.998	27.999	11.09	1.569	1459.2
310	1.15	1.13	34.952	27.997	27.998	11.22	1.580	1459.3
320	1.16	1.14	34.955	27.999	28.000	11.13	1.591	1459.5
330	1.13	1.12	34.956	28.001	28.003	10.87	1.602	1459.6
340	1.07	1.06	34.952	28.002	28.003	10.80	1.613	1459.5
350	1.03	1.02	34.950	28.003	28.005	10.66	1.624	1459.5
360	0.98	0.96	34.948	28.005	28.006	10.49	1.634	1459.4
370	0.92	0.90	34.944	28.006	28.008	10.31	1.645	1459.3
380	0.85	0.83	34.941	28.008	28.009	10.11	1.655	1459.1
390	0.84	0.82	34.941	28.009	28.010	10.06	1.665	1459.2
400	0.75	0.73	34.937	28.012	28.013	9.69	1.675	1459.0
410	0.72	0.70	34.935	28.011	28.012	9.74	1.685	1459.0
420	0.67	0.65	34.933	28.013	28.015	9.49	1.694	1458.9
430	0.61	0.59	34.927	28.012	28.013	9.56	1.704	1458.8
440	0.57	0.55	34.928	28.015	28.017	9.22	1.713	1458.8
450	0.54	0.52	34.923	28.013	28.014	9.39	1.722	1458.8
460	0.49	0.47	34.925	28.017	28.019	8.96	1.732	1458.8
470	0.45	0.43	34.922	28.018	28.019	8.86	1.741	1458.8
480	0.41	0.39	34.921	28.019	28.020	8.72	1.749	1458.8
490	0.37	0.35	34.919	28.020	28.021	8.58	1.758	1458.7

500	0.36	0.34	34.920	28.022	28.023	8.42	1.767	1458.8
510	0.33	0.30	34.913	28.018	28.019	8.76	1.775	1458.8
520	0.30	0.28	34.918	28.023	28.025	8.20	1.784	1458.9
530	0.28	0.25	34.916	28.023	28.025	8.18	1.792	1458.9
540	0.24	0.22	34.914	28.023	28.025	8.15	1.800	1459.0
550	0.22	0.20	34.913	28.024	28.026	8.01	1.808	1459.0
560	0.19	0.17	34.912	28.025	28.026	7.90	1.816	1459.0
570	0.16	0.13	34.911	28.026	28.028	7.75	1.824	1459.1
580	0.13	0.10	34.911	28.028	28.029	7.58	1.831	1459.1
590	0.10	0.08	34.909	28.027	28.029	7.55	1.839	1459.1
600	0.09	0.07	34.910	28.029	28.030	7.37	1.846	1459.2
610	0.08	0.06	34.909	28.028	28.030	7.42	1.854	1459.4
620	0.05	0.03	34.909	28.030	28.031	7.26	1.861	1459.4
630	0.04	0.02	34.908	28.029	28.031	7.27	1.868	1459.5
640	0.04	0.01	34.911	28.032	28.034	6.98	1.876	1459.7
650	0.04	0.01	34.911	28.032	28.033	7.02	1.883	1459.8
660	0.02	-0.01	34.909	28.031	28.033	7.03	1.890	1459.9
670	-0.01	-0.03	34.908	28.032	28.034	6.91	1.897	1460.0
680	-0.03	-0.06	34.906	28.032	28.034	6.86	1.904	1460.1
690	-0.06	-0.08	34.906	28.033	28.035	6.71	1.910	1460.3
700	-0.07	-0.10	34.905	28.034	28.035	6.66	1.917	1460.5
710	-0.10	-0.13	34.904	28.034	28.036	6.55	1.924	1460.6
720	-0.13	-0.16	34.905	28.036	28.037	6.32	1.930	1460.8
730	-0.16	-0.19	34.905	28.038	28.039	6.07	1.936	1461.0
740	-0.17	-0.20	34.905	28.039	28.040	5.94	1.942	1461.1
750	-0.18	-0.22	34.904	28.039	28.040	5.92	1.948	1461.3
760	-0.19	-0.22	34.906	28.041	28.042	5.73	1.954	1461.4
770	-0.20	-0.23	34.905	28.040	28.042	5.73	1.960	1461.6
780	-0.22	-0.25	34.905	28.041	28.043	5.57	1.965	1461.8
790	-0.23	-0.26	34.905	28.042	28.044	5.51	1.971	1461.9
800	-0.23	-0.27	34.908	28.044	28.046	5.30	1.976	1462.1
810	-0.24	-0.27	34.907	28.044	28.045	5.31	1.982	1462.3
820	-0.25	-0.28	34.908	28.044	28.046	5.21	1.987	1462.4
830	-0.25	-0.28	34.907	28.045	28.046	5.19	1.992	1462.6
840	-0.25	-0.28	34.908	28.045	28.047	5.15	1.997	1462.8
850	-0.27	-0.30	34.908	28.045	28.047	5.04	2.002	1462.9
860	-0.27	-0.30	34.908	28.046	28.048	5.00	2.007	1463.1
870	-0.27	-0.31	34.908	28.046	28.048	4.96	2.012	1463.3
880	-0.31	-0.34	34.906	28.046	28.048	4.85	2.017	1463.4
890	-0.34	-0.37	34.907	28.048	28.050	4.57	2.022	1463.6
900	-0.35	-0.38	34.906	28.048	28.050	4.53	2.026	1463.8
910	-0.36	-0.40	34.908	28.050	28.052	4.31	2.031	1463.9
920	-0.37	-0.41	34.907	28.050	28.052	4.28	2.035	1464.1
930	-0.38	-0.42	34.908	28.052	28.054	4.09	2.039	1464.3
940	-0.39	-0.43	34.908	28.052	28.054	4.04	2.043	1464.4
950	-0.40	-0.44	34.908	28.052	28.054	4.01	2.047	1464.6
960	-0.41	-0.45	34.908	28.053	28.055	3.88	2.051	1464.8
970	-0.42	-0.46	34.908	28.054	28.056	3.76	2.055	1464.9
980	-0.43	-0.47	34.908	28.053	28.055	3.76	2.059	1465.1
990	-0.43	-0.47	34.908	28.054	28.056	3.70	2.063	1465.3
1000	-0.44	-0.48	34.909	28.056	28.058	3.49	2.066	1465.4
1010	-0.47	-0.51	34.909	28.056	28.058	3.36	2.070	1465.6
1020	-0.48	-0.52	34.910	28.058	28.060	3.13	2.073	1465.8
1030	-0.49	-0.53	34.910	28.058	28.060	3.08	2.076	1465.9

1040	-0.51	-0.56	34.909	28.059	28.061	2.97	2.079	1466.1
1050	-0.53	-0.57	34.910	28.060	28.062	2.79	2.082	1466.2
1060	-0.53	-0.57	34.910	28.060	28.062	2.71	2.085	1466.4
1070	-0.53	-0.57	34.910	28.061	28.063	2.69	2.087	1466.6
1080	-0.54	-0.58	34.912	28.062	28.064	2.52	2.090	1466.8
1090	-0.55	-0.60	34.911	28.062	28.064	2.46	2.093	1466.9
1100	-0.57	-0.61	34.911	28.062	28.064	2.36	2.095	1467.1
1110	-0.57	-0.62	34.910	28.062	28.064	2.32	2.097	1467.2
1120	-0.59	-0.63	34.911	28.063	28.065	2.17	2.100	1467.4
1130	-0.59	-0.64	34.912	28.065	28.067	2.04	2.102	1467.6
1140	-0.59	-0.64	34.911	28.064	28.066	2.05	2.104	1467.7
1150	-0.60	-0.65	34.912	28.065	28.067	1.94	2.106	1467.9
1160	-0.62	-0.66	34.910	28.064	28.066	1.96	2.108	1468.1
1170	-0.61	-0.65	34.913	28.066	28.069	1.76	2.110	1468.2
1180	-0.61	-0.66	34.914	28.067	28.069	1.67	2.111	1468.4
1190	-0.63	-0.68	34.912	28.066	28.069	1.64	2.113	1468.6
1200	-0.63	-0.68	34.913	28.067	28.069	1.54	2.114	1468.7
1210	-0.63	-0.68	34.914	28.068	28.071	1.42	2.116	1468.9
1220	-0.65	-0.70	34.912	28.067	28.069	1.45	2.117	1469.1
1230	-0.66	-0.71	34.912	28.068	28.070	1.32	2.119	1469.2
1240	-0.67	-0.72	34.911	28.067	28.070	1.35	2.120	1469.4
1250	-0.67	-0.72	34.913	28.069	28.072	1.12	2.121	1469.6
1260	-0.67	-0.73	34.911	28.068	28.070	1.23	2.123	1469.7
1270	-0.68	-0.73	34.912	28.068	28.071	1.15	2.124	1469.9
1280	-0.69	-0.74	34.912	28.069	28.071	1.04	2.125	1470.1
1290	-0.69	-0.75	34.912	28.069	28.072	0.99	2.126	1470.2
1300	-0.69	-0.75	34.913	28.070	28.073	0.86	2.127	1470.4
1310	-0.70	-0.76	34.911	28.069	28.072	0.92	2.128	1470.6
1320	-0.70	-0.76	34.913	28.070	28.072	0.82	2.128	1470.7
1330	-0.70	-0.76	34.913	28.070	28.072	0.81	2.129	1470.9
1340	-0.70	-0.76	34.913	28.071	28.073	0.72	2.130	1471.1
1350	-0.71	-0.77	34.915	28.072	28.075	0.55	2.131	1471.2
1360	-0.71	-0.77	34.914	28.072	28.074	0.55	2.131	1471.4
1370	-0.72	-0.78	34.915	28.072	28.075	0.45	2.132	1471.6
1380	-0.72	-0.78	34.913	28.072	28.074	0.45	2.132	1471.7
1390	-0.73	-0.79	34.912	28.071	28.073	0.50	2.133	1471.9
1400	-0.73	-0.79	34.913	28.072	28.074	0.37	2.133	1472.1
1410	-0.74	-0.80	34.913	28.072	28.075	0.30	2.133	1472.2
1420	-0.74	-0.80	34.913	28.072	28.075	0.31	2.134	1472.4
1430	-0.74	-0.80	34.913	28.073	28.075	0.22	2.134	1472.6
1440	-0.74	-0.81	34.911	28.071	28.074	0.34	2.134	1472.7
1450	-0.75	-0.81	34.913	28.072	28.075	0.17	2.135	1472.9
1460	-0.75	-0.81	34.913	28.073	28.075	0.11	2.135	1473.1
1470	-0.76	-0.82	34.913	28.073	28.075	0.08	2.135	1473.2

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	-1.13	-1.13	30.180	24.251	24.251	366.06	0.183	1442.8
10	-1.14	-1.14	30.194	24.263	24.263	364.90	0.366	1442.9
20	-1.05	-1.05	30.288	24.337	24.337	357.73	0.727	1443.2
30	-0.27	-0.28	33.162	26.635	26.635	139.27	0.976	1447.2
40	-0.15	-0.15	33.752	27.106	27.106	94.62	1.093	1448.1
50	0.19	0.19	34.468	27.667	27.667	41.57	1.161	1450.1
60	0.21	0.21	34.705	27.856	27.856	23.67	1.193	1450.7
70	0.12	0.11	34.795	27.934	27.934	16.28	1.213	1450.5
80	-0.20	-0.20	34.785	27.943	27.943	15.37	1.229	1450.2
90	-0.47	-0.47	34.785	27.956	27.956	14.08	1.244	1450.3
100	-0.68	-0.69	34.799	27.977	27.977	12.01	1.257	1450.5
110	-0.56	-0.57	34.822	27.991	27.991	10.76	1.268	1450.7
120	-0.45	-0.46	34.834	27.995	27.995	10.36	1.279	1450.9
130	-0.35	-0.35	34.862	28.013	28.013	8.67	1.288	1451.1
140	-0.03	-0.03	34.883	28.014	28.014	8.72	1.297	1451.3
150	0.07	0.06	34.891	28.015	28.015	8.66	1.306	1451.7
160	0.18	0.17	34.904	28.019	28.019	8.31	1.314	1452.4
168	0.25	0.25	34.912	28.021	28.021	8.18	1.321	1452.9
180	0.36	0.35	34.918	28.020	28.021	8.28	1.330	1453.6
190	0.31	0.30	34.916	28.022	28.022	8.15	1.338	1453.5
200	0.25	0.24	34.913	28.022	28.022	8.09	1.346	1453.4
210	0.25	0.24	34.916	28.025	28.025	7.85	1.354	1453.6
220	0.26	0.25	34.918	28.026	28.026	7.73	1.362	1453.8
230	0.21	0.20	34.913	28.025	28.025	7.81	1.370	1453.7
240	0.17	0.16	34.911	28.026	28.026	7.72	1.378	1453.7
250	0.15	0.14	34.911	28.027	28.027	7.61	1.385	1453.8
260	0.14	0.13	34.912	28.027	28.028	7.53	1.393	1453.9
270	0.15	0.14	34.913	28.028	28.029	7.48	1.400	1454.1
280	0.15	0.14	34.913	28.028	28.029	7.48	1.408	1454.3
290	0.16	0.15	34.916	28.030	28.031	7.32	1.415	1454.5
300	0.14	0.13	34.915	28.030	28.031	7.25	1.423	1454.5
310	0.13	0.12	34.915	28.030	28.031	7.26	1.430	1454.7
320	0.11	0.10	34.912	28.029	28.030	7.33	1.437	1454.7
330	0.09	0.08	34.914	28.032	28.032	7.10	1.444	1454.8
340	0.06	0.05	34.912	28.032	28.033	7.02	1.451	1454.8
350	0.05	0.04	34.913	28.033	28.034	6.91	1.458	1455.0
360	0.06	0.05	34.914	28.033	28.034	6.93	1.465	1455.2
370	0.07	0.05	34.914	28.033	28.034	6.92	1.472	1455.4
380	0.04	0.03	34.914	28.035	28.036	6.77	1.479	1455.4
390	0.02	0.00	34.912	28.034	28.035	6.77	1.486	1455.5
400	0.00	-0.02	34.912	28.035	28.036	6.67	1.493	1455.5
410	-0.01	-0.02	34.911	28.035	28.036	6.70	1.499	1455.7
420	-0.02	-0.03	34.910	28.035	28.036	6.70	1.506	1455.9
430	-0.03	-0.05	34.910	28.036	28.037	6.57	1.513	1456.0
440	-0.06	-0.08	34.909	28.036	28.037	6.53	1.519	1456.2
450	-0.08	-0.10	34.908	28.037	28.038	6.43	1.526	1456.4
460	-0.10	-0.12	34.908	28.038	28.039	6.31	1.532	1456.5
470	-0.12	-0.14	34.908	28.038	28.039	6.23	1.538	1456.7
480	-0.12	-0.14	34.908	28.039	28.040	6.16	1.544	1456.8
490	-0.13	-0.15	34.908	28.039	28.040	6.15	1.551	1457.0

500	-0.15	-0.16	34.908	28.040	28.041	6.04	1.557	1457.2
510	-0.15	-0.17	34.908	28.040	28.041	6.04	1.563	1457.3
520	-0.17	-0.19	34.908	28.041	28.042	5.89	1.569	1457.5
530	-0.18	-0.20	34.908	28.041	28.042	5.83	1.575	1457.7
540	-0.20	-0.22	34.912	28.045	28.047	5.40	1.580	1457.8
550	-0.22	-0.24	34.906	28.042	28.043	5.70	1.586	1458.0
560	-0.25	-0.27	34.908	28.045	28.046	5.37	1.591	1458.2
570	-0.26	-0.29	34.907	28.045	28.046	5.32	1.597	1458.3
580	-0.28	-0.30	34.907	28.045	28.047	5.25	1.602	1458.5
590	-0.29	-0.31	34.908	28.047	28.048	5.07	1.607	1458.7
600	-0.31	-0.33	34.910	28.049	28.051	4.81	1.612	1458.8
610	-0.31	-0.34	34.910	28.049	28.051	4.79	1.617	1459.0
620	-0.34	-0.36	34.910	28.051	28.052	4.59	1.622	1459.1
630	-0.35	-0.37	34.908	28.050	28.051	4.69	1.626	1459.3
640	-0.35	-0.38	34.911	28.052	28.053	4.42	1.631	1459.5
650	-0.36	-0.39	34.909	28.051	28.053	4.48	1.635	1459.6
660	-0.37	-0.40	34.910	28.052	28.054	4.36	1.640	1459.8
670	-0.38	-0.41	34.909	28.053	28.054	4.29	1.644	1460.0
680	-0.39	-0.42	34.910	28.054	28.055	4.13	1.648	1460.1
690	-0.40	-0.42	34.909	28.053	28.055	4.19	1.652	1460.3
700	-0.40	-0.43	34.910	28.055	28.056	4.05	1.656	1460.5
710	-0.41	-0.44	34.911	28.055	28.057	3.96	1.660	1460.6
720	-0.42	-0.45	34.911	28.056	28.057	3.87	1.664	1460.8
730	-0.42	-0.45	34.914	28.058	28.060	3.65	1.668	1461.0
740	-0.42	-0.45	34.912	28.057	28.058	3.73	1.672	1461.1
750	-0.43	-0.46	34.913	28.058	28.059	3.65	1.675	1461.3
760	-0.44	-0.47	34.913	28.058	28.060	3.56	1.679	1461.5
770	-0.45	-0.48	34.912	28.058	28.060	3.52	1.683	1461.6
780	-0.48	-0.51	34.912	28.060	28.061	3.30	1.686	1461.8
790	-0.48	-0.51	34.915	28.062	28.063	3.11	1.689	1462.0
797	-0.49	-0.52	34.913	28.061	28.063	3.12	1.691	1462.1
810	-0.51	-0.55	34.914	28.063	28.064	2.90	1.695	1462.3
820	-0.52	-0.56	34.913	28.062	28.064	2.91	1.698	1462.4
830	-0.52	-0.56	34.914	28.063	28.065	2.81	1.701	1462.6
840	-0.53	-0.56	34.914	28.064	28.065	2.72	1.704	1462.8
850	-0.53	-0.57	34.916	28.065	28.066	2.61	1.707	1462.9
860	-0.56	-0.59	34.913	28.064	28.066	2.61	1.709	1463.1
870	-0.56	-0.60	34.915	28.066	28.067	2.43	1.712	1463.3
880	-0.58	-0.61	34.915	28.066	28.068	2.33	1.714	1463.4
890	-0.59	-0.62	34.917	28.068	28.070	2.10	1.716	1463.6
900	-0.60	-0.64	34.914	28.067	28.069	2.17	1.719	1463.8
910	-0.60	-0.63	34.914	28.067	28.068	2.17	1.721	1463.9
920	-0.61	-0.65	34.914	28.067	28.069	2.11	1.723	1464.1
930	-0.62	-0.65	34.914	28.068	28.069	2.00	1.725	1464.3
940	-0.62	-0.66	34.915	28.068	28.070	1.96	1.727	1464.4
950	-0.62	-0.66	34.916	28.069	28.071	1.82	1.729	1464.6
960	-0.62	-0.66	34.917	28.070	28.072	1.71	1.731	1464.8
970	-0.62	-0.66	34.917	28.070	28.072	1.66	1.732	1464.9
980	-0.63	-0.67	34.917	28.070	28.072	1.63	1.734	1465.1
990	-0.63	-0.67	34.918	28.071	28.073	1.55	1.735	1465.3
1000	-0.63	-0.67	34.917	28.071	28.073	1.53	1.737	1465.4
1010	-0.65	-0.69	34.918	28.072	28.074	1.38	1.738	1465.6
1020	-0.65	-0.69	34.918	28.072	28.074	1.35	1.740	1465.8
1030	-0.66	-0.71	34.917	28.072	28.074	1.29	1.741	1465.9

1040	-0.67	-0.71	34.917	28.073	28.075	1.20	1.742	1466.1
1050	-0.67	-0.71	34.918	28.073	28.075	1.15	1.744	1466.3
1060	-0.67	-0.71	34.918	28.073	28.075	1.12	1.745	1466.4
1070	-0.67	-0.72	34.917	28.072	28.074	1.16	1.746	1466.6
1080	-0.68	-0.72	34.919	28.074	28.076	0.95	1.747	1466.8
1090	-0.68	-0.72	34.918	28.073	28.075	1.03	1.748	1466.9
1100	-0.68	-0.73	34.919	28.075	28.077	0.86	1.749	1467.1
1110	-0.69	-0.73	34.918	28.074	28.076	0.90	1.750	1467.3
1120	-0.69	-0.73	34.919	28.075	28.077	0.80	1.751	1467.4
1130	-0.69	-0.74	34.919	28.075	28.077	0.76	1.751	1467.6
1140	-0.70	-0.75	34.919	28.075	28.077	0.69	1.752	1467.8
1150	-0.70	-0.75	34.919	28.075	28.077	0.67	1.753	1467.9
1160	-0.70	-0.75	34.920	28.076	28.078	0.54	1.753	1468.1
1170	-0.70	-0.75	34.919	28.076	28.078	0.58	1.754	1468.3
1180	-0.70	-0.75	34.919	28.075	28.078	0.57	1.754	1468.4
1190	-0.71	-0.76	34.920	28.076	28.078	0.49	1.755	1468.6
1200	-0.71	-0.76	34.921	28.077	28.079	0.34	1.755	1468.8
1210	-0.71	-0.76	34.921	28.078	28.080	0.28	1.756	1468.9
1220	-0.72	-0.77	34.920	28.077	28.079	0.34	1.756	1469.1
1230	-0.72	-0.77	34.922	28.079	28.081	0.11	1.756	1469.3
1240	-0.72	-0.78	34.920	28.077	28.080	0.21	1.756	1469.4
1250	-0.73	-0.78	34.922	28.079	28.081	0.00	1.757	1469.6
1260	-0.74	-0.80	34.922	28.079	28.082	-0.09	1.756	1469.8
1270	-0.76	-0.81	34.920	28.079	28.081	-0.12	1.756	1469.9
1280	-0.78	-0.83	34.922	28.081	28.083	-0.35	1.756	1470.1
1290	-0.78	-0.84	34.922	28.081	28.083	-0.43	1.756	1470.3
1300	-0.79	-0.84	34.921	28.081	28.083	-0.43	1.755	1470.4
1310	-0.80	-0.85	34.920	28.080	28.082	-0.42	1.755	1470.6
1320	-0.80	-0.86	34.921	28.081	28.084	-0.60	1.754	1470.8
1330	-0.81	-0.86	34.920	28.081	28.083	-0.59	1.754	1470.9
1340	-0.82	-0.88	34.921	28.082	28.085	-0.80	1.753	1471.1
1350	-0.83	-0.89	34.919	28.081	28.083	-0.73	1.752	1471.3
1360	-0.85	-0.91	34.919	28.081	28.084	-0.87	1.752	1471.4
1370	-0.88	-0.94	34.919	28.083	28.085	-1.13	1.751	1471.6
1380	-0.91	-0.96	34.918	28.083	28.085	-1.28	1.749	1471.8
1390	-0.91	-0.97	34.918	28.084	28.086	-1.36	1.748	1471.9
1400	-0.92	-0.97	34.916	28.082	28.085	-1.29	1.747	1472.1
1410	-0.92	-0.98	34.918	28.084	28.086	-1.48	1.745	1472.3
1420	-0.94	-1.00	34.915	28.082	28.085	-1.43	1.744	1472.4
1430	-0.94	-1.00	34.916	28.083	28.085	-1.54	1.742	1472.6
1440	-0.96	-1.01	34.916	28.084	28.086	-1.69	1.741	1472.8
1450	-0.96	-1.02	34.915	28.083	28.086	-1.70	1.739	1472.9
1460	-0.97	-1.03	34.916	28.084	28.087	-1.84	1.737	1473.1
1470	-0.98	-1.04	34.916	28.085	28.087	-1.97	1.735	1473.3
1480	-0.99	-1.05	34.915	28.084	28.086	-1.95	1.733	1473.4
1490	-1.00	-1.06	34.913	28.083	28.085	-1.90	1.731	1473.6
1500	-1.02	-1.08	34.911	28.082	28.085	-1.96	1.730	1473.7
1510	-1.03	-1.10	34.911	28.083	28.085	-2.11	1.728	1473.9
1520	-1.05	-1.11	34.911	28.083	28.085	-2.21	1.725	1474.1
1530	-1.06	-1.13	34.910	28.083	28.086	-2.33	1.723	1474.2
1540	-1.08	-1.14	34.909	28.083	28.085	-2.34	1.721	1474.4
1550	-1.09	-1.15	34.910	28.084	28.086	-2.52	1.718	1474.6
1560	-1.10	-1.16	34.907	28.082	28.085	-2.45	1.716	1474.7
1570	-1.10	-1.17	34.906	28.081	28.084	-2.43	1.713	1474.9
1580	-1.11	-1.17	34.906	28.081	28.084	-2.50	1.711	1475.1
1590	-1.12	-1.18	34.905	28.081	28.084	-2.54	1.708	1475.2

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	-0.14	-0.14	28.756	23.073	23.073	478.44	0.239	1440.9
10	-0.14	-0.14	28.757	23.074	23.074	478.36	0.478	1441.0
20	-0.27	-0.27	32.658	26.228	26.228	177.98	0.807	1446.3
30	-0.42	-0.42	34.074	27.379	27.379	68.76	0.930	1448.4
40	-0.66	-0.67	34.375	27.633	27.633	44.66	0.987	1449.0
50	0.08	0.08	34.583	27.766	27.766	32.23	1.025	1449.8
60	0.49	0.49	34.693	27.831	27.831	26.10	1.054	1451.9
70	0.92	0.92	34.797	27.888	27.888	20.84	1.078	1454.2
80	1.06	1.05	34.846	27.918	27.918	18.01	1.097	1455.0
90	1.06	1.06	34.865	27.933	27.933	16.64	1.114	1455.2
100	1.08	1.07	34.875	27.940	27.941	15.98	1.131	1455.5
110	1.06	1.05	34.886	27.950	27.950	15.11	1.146	1455.6
120	1.04	1.04	34.889	27.954	27.954	14.74	1.161	1455.7
130	0.98	0.97	34.897	27.964	27.965	13.75	1.176	1455.6
140	1.04	1.03	34.912	27.972	27.972	13.08	1.189	1456.0
150	1.04	1.03	34.915	27.975	27.975	12.82	1.202	1456.2
160	1.03	1.02	34.918	27.978	27.978	12.56	1.215	1456.3
170	1.04	1.04	34.923	27.981	27.982	12.30	1.227	1456.5
180	1.06	1.05	34.928	27.983	27.984	12.11	1.239	1456.8
190	1.09	1.08	34.931	27.984	27.985	12.06	1.251	1457.1
200	1.09	1.08	34.934	27.987	27.987	11.88	1.263	1457.3
210	1.10	1.09	34.939	27.990	27.990	11.63	1.275	1457.5
220	1.22	1.21	34.957	27.996	27.997	11.11	1.286	1458.2
230	1.19	1.18	34.956	27.997	27.998	11.05	1.297	1458.2
240	1.19	1.18	34.959	28.000	28.001	10.81	1.308	1458.4
250	1.16	1.15	34.956	28.000	28.001	10.83	1.319	1458.4
260	1.10	1.09	34.955	28.002	28.003	10.58	1.330	1458.3
270	0.99	0.98	34.946	28.003	28.003	10.49	1.340	1458.0
280	0.94	0.93	34.944	28.004	28.005	10.33	1.351	1457.9
290	0.91	0.89	34.943	28.006	28.007	10.14	1.361	1457.9
300	0.87	0.86	34.941	28.007	28.008	10.09	1.371	1457.9
310	0.81	0.79	34.935	28.006	28.007	10.10	1.381	1457.8
320	0.73	0.72	34.935	28.011	28.011	9.65	1.391	1457.6
330	0.71	0.69	34.935	28.012	28.013	9.50	1.401	1457.7
340	0.69	0.67	34.934	28.013	28.014	9.43	1.410	1457.7
350	0.68	0.66	34.932	28.012	28.013	9.49	1.420	1457.8
360	0.64	0.62	34.933	28.015	28.016	9.18	1.429	1457.8
370	0.60	0.59	34.927	28.012	28.013	9.46	1.438	1457.8
380	0.56	0.54	34.927	28.016	28.017	9.10	1.448	1457.8
390	0.54	0.52	34.928	28.018	28.019	8.92	1.457	1457.9
404	0.50	0.48	34.925	28.018	28.019	8.87	1.469	1457.9
410	0.47	0.46	34.926	28.019	28.021	8.69	1.475	1457.9
420	0.44	0.42	34.925	28.021	28.022	8.51	1.483	1457.9
430	0.41	0.39	34.924	28.022	28.023	8.40	1.492	1457.9
440	0.38	0.36	34.923	28.023	28.024	8.26	1.500	1457.9
450	0.36	0.34	34.923	28.024	28.025	8.19	1.508	1458.0
460	0.33	0.31	34.920	28.023	28.025	8.19	1.517	1458.0
470	0.23	0.21	34.917	28.026	28.027	7.80	1.525	1457.7
480	0.20	0.18	34.914	28.026	28.027	7.82	1.532	1457.8
490	0.17	0.15	34.914	28.028	28.029	7.60	1.540	1457.8

500	0.16	0.14	34.913	28.027	28.028	7.65	1.548	1457.9
510	0.14	0.12	34.914	28.029	28.030	7.45	1.555	1458.0
520	0.11	0.09	34.913	28.030	28.031	7.29	1.563	1458.0
530	0.10	0.07	34.911	28.029	28.031	7.36	1.570	1458.1
540	0.08	0.06	34.911	28.030	28.032	7.24	1.577	1458.2
550	0.05	0.03	34.911	28.031	28.033	7.08	1.584	1458.2
560	0.02	0.00	34.911	28.033	28.034	6.90	1.591	1458.3
570	0.02	0.00	34.909	28.032	28.033	7.02	1.598	1458.4
580	0.01	-0.01	34.910	28.033	28.034	6.91	1.605	1458.5
590	0.00	-0.03	34.909	28.033	28.034	6.86	1.612	1458.7
600	-0.02	-0.04	34.908	28.033	28.034	6.82	1.619	1458.8
610	-0.03	-0.05	34.908	28.034	28.035	6.74	1.626	1459.0
620	-0.04	-0.07	34.906	28.032	28.034	6.84	1.633	1459.1
630	-0.08	-0.10	34.905	28.034	28.035	6.62	1.639	1459.3
640	-0.10	-0.12	34.906	28.036	28.037	6.44	1.646	1459.5
650	-0.10	-0.13	34.907	28.036	28.038	6.36	1.652	1459.6
660	-0.11	-0.14	34.905	28.036	28.037	6.40	1.659	1459.8
670	-0.13	-0.16	34.905	28.036	28.038	6.28	1.665	1460.0
680	-0.17	-0.20	34.905	28.039	28.040	5.99	1.671	1460.1
690	-0.18	-0.21	34.905	28.039	28.040	5.98	1.677	1460.3
700	-0.20	-0.23	34.906	28.041	28.043	5.71	1.683	1460.5
710	-0.22	-0.25	34.905	28.041	28.043	5.64	1.689	1460.6
720	-0.23	-0.25	34.906	28.042	28.043	5.56	1.694	1460.8
730	-0.24	-0.27	34.905	28.042	28.044	5.50	1.700	1461.0
740	-0.24	-0.27	34.906	28.043	28.044	5.43	1.705	1461.1
750	-0.25	-0.28	34.905	28.043	28.044	5.39	1.711	1461.3
760	-0.27	-0.30	34.906	28.044	28.046	5.23	1.716	1461.4
770	-0.27	-0.30	34.907	28.045	28.047	5.12	1.721	1461.6
780	-0.28	-0.31	34.906	28.045	28.047	5.10	1.726	1461.8
790	-0.29	-0.32	34.907	28.046	28.048	4.98	1.731	1461.9
800	-0.31	-0.34	34.905	28.046	28.047	4.98	1.736	1462.1
810	-0.31	-0.35	34.905	28.045	28.047	4.98	1.741	1462.3
820	-0.32	-0.35	34.907	28.048	28.049	4.74	1.746	1462.4
830	-0.33	-0.36	34.907	28.048	28.049	4.72	1.751	1462.6
840	-0.34	-0.37	34.904	28.046	28.048	4.80	1.756	1462.8
850	-0.35	-0.39	34.907	28.049	28.051	4.53	1.760	1462.9
860	-0.36	-0.39	34.907	28.050	28.052	4.39	1.765	1463.1
870	-0.36	-0.40	34.907	28.050	28.052	4.36	1.769	1463.3
880	-0.37	-0.41	34.907	28.050	28.052	4.31	1.773	1463.4
890	-0.37	-0.41	34.906	28.049	28.051	4.38	1.778	1463.6
900	-0.38	-0.41	34.908	28.051	28.053	4.19	1.782	1463.8
910	-0.38	-0.42	34.906	28.050	28.052	4.28	1.786	1463.9
920	-0.38	-0.42	34.908	28.051	28.053	4.14	1.790	1464.1
930	-0.39	-0.42	34.907	28.051	28.053	4.15	1.795	1464.3
940	-0.39	-0.43	34.907	28.051	28.053	4.11	1.799	1464.4
950	-0.39	-0.43	34.907	28.052	28.053	4.06	1.803	1464.6
960	-0.40	-0.44	34.910	28.054	28.056	3.80	1.807	1464.8
970	-0.41	-0.45	34.908	28.053	28.055	3.88	1.811	1464.9
980	-0.41	-0.45	34.908	28.053	28.055	3.85	1.814	1465.1
990	-0.42	-0.46	34.908	28.053	28.055	3.78	1.818	1465.3
1000	-0.43	-0.47	34.908	28.053	28.055	3.73	1.822	1465.4
1010	-0.44	-0.49	34.908	28.055	28.057	3.57	1.826	1465.6
1020	-0.46	-0.50	34.908	28.055	28.057	3.50	1.829	1465.7
1030	-0.47	-0.51	34.908	28.055	28.057	3.40	1.833	1465.9

1040	-0.47	-0.51	34.908	28.056	28.058	3.33	1.836	1466.1
1050	-0.48	-0.52	34.909	28.057	28.059	3.23	1.839	1466.2
1060	-0.48	-0.53	34.909	28.057	28.059	3.17	1.842	1466.4
1070	-0.50	-0.54	34.909	28.058	28.060	3.04	1.846	1466.6
1080	-0.50	-0.54	34.909	28.058	28.060	2.98	1.849	1466.7
1090	-0.50	-0.55	34.910	28.059	28.061	2.86	1.852	1466.9
1100	-0.51	-0.56	34.909	28.059	28.061	2.83	1.854	1467.1

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	0.40	0.40	28.993	23.244	23.244	462.12	0.231	1443.1
10	0.42	0.42	29.004	23.253	23.253	461.26	0.462	1443.2
20	-0.67	-0.67	33.668	27.061	27.061	98.90	0.742	1447.7
30	-0.79	-0.79	34.240	27.529	27.529	54.54	0.819	1448.6
40	-0.58	-0.58	34.426	27.671	27.671	41.11	0.867	1449.0
50	0.09	0.09	34.604	27.782	27.782	30.71	0.902	1449.8
60	0.62	0.62	34.747	27.867	27.867	22.74	0.929	1452.6
70	0.91	0.90	34.806	27.896	27.896	20.07	0.951	1454.1
80	1.01	1.00	34.850	27.925	27.925	17.39	0.969	1454.8
90	1.05	1.05	34.868	27.936	27.936	16.39	0.986	1455.2
100	1.06	1.05	34.873	27.940	27.940	16.02	1.002	1455.4
111	1.06	1.06	34.885	27.949	27.949	15.19	1.020	1455.6
120	1.02	1.02	34.896	27.961	27.961	14.09	1.033	1455.6
130	1.03	1.02	34.908	27.970	27.970	13.25	1.046	1455.8
140	0.99	0.99	34.914	27.977	27.977	12.60	1.059	1455.8
150	0.99	0.99	34.921	27.983	27.983	12.07	1.072	1456.0
160	0.98	0.98	34.931	27.991	27.991	11.32	1.083	1456.1
170	0.98	0.98	34.933	27.993	27.994	11.14	1.095	1456.3
180	0.98	0.97	34.936	27.995	27.996	10.97	1.106	1456.4
190	0.99	0.98	34.940	27.998	27.999	10.69	1.116	1456.6
200	0.97	0.96	34.938	27.998	27.999	10.72	1.127	1456.7
210	0.97	0.96	34.935	27.996	27.996	10.98	1.138	1456.9
220	0.92	0.91	34.941	28.004	28.005	10.19	1.149	1456.8
231	0.86	0.85	34.938	28.005	28.006	10.10	1.160	1456.7
240	0.82	0.81	34.938	28.007	28.008	9.90	1.169	1456.7
250	0.82	0.81	34.941	28.010	28.011	9.64	1.179	1456.8
260	0.80	0.79	34.941	28.011	28.012	9.51	1.188	1456.9
270	0.69	0.68	34.932	28.011	28.011	9.51	1.198	1456.6
280	0.66	0.65	34.932	28.012	28.013	9.35	1.207	1456.6
290	0.64	0.62	34.931	28.014	28.015	9.20	1.216	1456.7
300	0.61	0.59	34.927	28.012	28.013	9.37	1.226	1456.7
310	0.57	0.55	34.927	28.015	28.016	9.06	1.235	1456.7
320	0.50	0.49	34.926	28.017	28.018	8.81	1.244	1456.6
330	0.46	0.45	34.924	28.019	28.020	8.65	1.253	1456.5
340	0.47	0.46	34.924	28.018	28.019	8.72	1.261	1456.7
350	0.44	0.43	34.926	28.021	28.022	8.42	1.270	1456.8
360	0.40	0.39	34.922	28.020	28.021	8.48	1.278	1456.7
370	0.33	0.32	34.917	28.021	28.022	8.39	1.287	1456.6
380	0.33	0.31	34.919	28.022	28.023	8.21	1.295	1456.7
390	0.28	0.26	34.918	28.025	28.026	7.96	1.303	1456.7
400	0.27	0.25	34.918	28.025	28.026	7.89	1.311	1456.8
410	0.25	0.23	34.919	28.027	28.028	7.76	1.319	1456.9
420	0.23	0.21	34.916	28.026	28.027	7.80	1.327	1456.9
430	0.20	0.18	34.916	28.028	28.029	7.60	1.334	1456.9
440	0.15	0.13	34.915	28.029	28.030	7.44	1.342	1456.9
450	0.14	0.13	34.914	28.029	28.030	7.42	1.349	1457.0
460	0.11	0.09	34.915	28.032	28.033	7.16	1.356	1457.0
470	0.08	0.06	34.911	28.030	28.031	7.28	1.364	1457.1
480	0.04	0.02	34.911	28.032	28.033	6.99	1.371	1457.0
490	0.02	0.00	34.912	28.034	28.035	6.78	1.378	1457.1

500	0.01	-0.01	34.911	28.034	28.035	6.75	1.385	1457.2
510	-0.01	-0.03	34.912	28.035	28.036	6.64	1.391	1457.3
520	-0.01	-0.03	34.911	28.035	28.036	6.65	1.398	1457.5
530	-0.02	-0.04	34.911	28.036	28.037	6.57	1.404	1457.7
540	-0.03	-0.05	34.911	28.036	28.037	6.51	1.411	1457.8
550	-0.03	-0.06	34.910	28.036	28.037	6.54	1.418	1458.0
560	-0.05	-0.07	34.909	28.035	28.036	6.58	1.424	1458.2
570	-0.05	-0.07	34.910	28.036	28.037	6.50	1.431	1458.3
580	-0.04	-0.06	34.911	28.036	28.037	6.49	1.437	1458.5

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	1.27	1.27	30.090	24.085	24.085	381.97	0.191	1448.5
11	1.41	1.41	30.759	24.613	24.613	331.61	0.405	1450.1
20	0.03	0.02	32.972	26.468	26.468	155.22	0.624	1446.9
30	-0.75	-0.75	33.948	27.291	27.291	77.10	0.740	1448.2
40	-0.56	-0.56	34.414	27.661	27.661	42.08	0.800	1449.0
50	0.26	0.26	34.669	27.825	27.825	26.68	0.834	1450.7
60	0.63	0.63	34.771	27.885	27.885	21.03	0.858	1452.7
70	0.91	0.91	34.831	27.915	27.915	18.26	0.878	1454.2
80	1.00	1.00	34.855	27.929	27.929	16.99	0.895	1454.8
90	0.98	0.97	34.868	27.941	27.942	15.83	0.912	1454.9
100	1.11	1.11	34.899	27.957	27.957	14.45	0.927	1455.7
110	1.02	1.01	34.902	27.966	27.966	13.56	0.941	1455.4
120	1.05	1.04	34.914	27.973	27.974	12.90	0.954	1455.7
130	1.03	1.03	34.923	27.982	27.982	12.13	0.967	1455.8
140	0.96	0.96	34.920	27.984	27.985	11.89	0.979	1455.7
150	0.94	0.94	34.926	27.990	27.990	11.39	0.990	1455.8
160	0.96	0.96	34.929	27.991	27.991	11.34	1.002	1456.0
170	0.95	0.95	34.932	27.994	27.995	11.02	1.013	1456.1
180	1.01	1.00	34.938	27.995	27.996	10.96	1.024	1456.6
190	0.93	0.92	34.937	28.000	28.001	10.49	1.035	1456.3
201	0.95	0.94	34.945	28.005	28.005	10.09	1.046	1456.6
210	0.93	0.92	34.940	28.002	28.002	10.40	1.055	1456.7
220	0.81	0.80	34.930	28.002	28.002	10.34	1.066	1456.3
230	0.72	0.71	34.929	28.007	28.007	9.84	1.076	1456.1
240	0.69	0.68	34.925	28.006	28.006	9.94	1.085	1456.1
250	0.62	0.61	34.919	28.005	28.006	9.97	1.095	1455.9
260	0.57	0.56	34.923	28.011	28.012	9.35	1.105	1455.9
270	0.61	0.60	34.928	28.013	28.013	9.26	1.114	1456.2
280	0.58	0.57	34.929	28.015	28.016	9.04	1.124	1456.3
290	0.51	0.50	34.923	28.015	28.016	9.00	1.133	1456.1
300	0.45	0.43	34.921	28.017	28.018	8.76	1.141	1456.0
310	0.43	0.41	34.920	28.018	28.019	8.69	1.150	1456.0
320	0.38	0.37	34.916	28.017	28.018	8.74	1.159	1456.0
330	0.34	0.33	34.918	28.021	28.022	8.33	1.167	1456.0
340	0.30	0.28	34.915	28.021	28.022	8.31	1.176	1455.9
350	0.27	0.25	34.914	28.022	28.023	8.17	1.184	1455.9
360	0.23	0.22	34.911	28.021	28.022	8.20	1.192	1456.0
370	0.22	0.20	34.915	28.026	28.027	7.79	1.200	1456.0
380	0.22	0.20	34.914	28.025	28.026	7.85	1.208	1456.2
390	0.20	0.19	34.915	28.026	28.027	7.74	1.216	1456.3
400	0.20	0.18	34.914	28.026	28.027	7.75	1.224	1456.5
410	0.18	0.17	34.915	28.028	28.029	7.57	1.231	1456.6
420	0.12	0.10	34.907	28.025	28.026	7.77	1.239	1456.4
430	0.06	0.04	34.907	28.028	28.029	7.42	1.246	1456.3
440	0.05	0.03	34.908	28.029	28.030	7.29	1.254	1456.4
450	0.04	0.02	34.908	28.030	28.031	7.22	1.261	1456.5
460	0.01	-0.01	34.906	28.030	28.031	7.20	1.268	1456.6
470	-0.03	-0.05	34.902	28.029	28.030	7.23	1.275	1456.7
480	-0.05	-0.07	34.905	28.032	28.033	6.91	1.283	1456.8
490	-0.03	-0.05	34.903	28.030	28.031	7.16	1.290	1457.0

500	-0.05	-0.07	34.903	28.031	28.032	7.03	1.297	1457.2
510	-0.07	-0.09	34.903	28.032	28.033	6.90	1.304	1457.3
520	-0.09	-0.11	34.903	28.033	28.034	6.77	1.310	1457.5
530	-0.10	-0.12	34.905	28.035	28.036	6.55	1.317	1457.7
540	-0.15	-0.17	34.901	28.034	28.035	6.52	1.324	1457.8
545	-0.15	-0.17	34.904	28.037	28.038	6.30	1.327	1457.9
560	-0.14	-0.16	34.903	28.035	28.037	6.42	1.336	1458.2
570	-0.17	-0.19	34.903	28.037	28.038	6.21	1.343	1458.3
580	-0.18	-0.21	34.905	28.039	28.040	5.98	1.349	1458.5
590	-0.19	-0.22	34.905	28.040	28.041	5.93	1.355	1458.6
600	-0.21	-0.23	34.905	28.041	28.042	5.81	1.361	1458.8
610	-0.23	-0.25	34.905	28.042	28.043	5.66	1.366	1459.0
620	-0.25	-0.27	34.906	28.043	28.045	5.47	1.372	1459.1
630	-0.27	-0.29	34.905	28.043	28.045	5.42	1.377	1459.3
640	-0.30	-0.32	34.905	28.045	28.046	5.23	1.383	1459.5
650	-0.32	-0.34	34.907	28.047	28.049	4.94	1.388	1459.6
660	-0.31	-0.34	34.908	28.048	28.049	4.89	1.393	1459.8
670	-0.33	-0.36	34.907	28.049	28.050	4.78	1.397	1460.0
680	-0.38	-0.41	34.906	28.050	28.051	4.56	1.402	1460.1
690	-0.40	-0.43	34.907	28.051	28.053	4.37	1.407	1460.3
700	-0.42	-0.45	34.907	28.052	28.054	4.24	1.411	1460.5
710	-0.43	-0.46	34.906	28.052	28.054	4.18	1.415	1460.6
720	-0.45	-0.47	34.906	28.053	28.054	4.07	1.419	1460.8
730	-0.48	-0.51	34.905	28.054	28.055	3.95	1.423	1461.0
740	-0.49	-0.51	34.905	28.054	28.055	3.88	1.427	1461.1
750	-0.49	-0.52	34.906	28.055	28.056	3.75	1.431	1461.3
760	-0.51	-0.54	34.907	28.057	28.058	3.57	1.435	1461.5
770	-0.52	-0.55	34.907	28.057	28.058	3.50	1.438	1461.6
780	-0.52	-0.55	34.908	28.058	28.059	3.37	1.442	1461.8
790	-0.52	-0.55	34.908	28.058	28.059	3.36	1.445	1461.9
800	-0.54	-0.57	34.906	28.057	28.059	3.36	1.448	1462.1
810	-0.55	-0.58	34.906	28.058	28.060	3.25	1.452	1462.3
820	-0.56	-0.60	34.907	28.060	28.061	3.07	1.455	1462.4
830	-0.58	-0.61	34.910	28.063	28.064	2.74	1.458	1462.6
840	-0.58	-0.62	34.907	28.060	28.062	2.91	1.461	1462.8
850	-0.61	-0.64	34.907	28.061	28.063	2.76	1.463	1462.9
860	-0.62	-0.65	34.905	28.061	28.062	2.78	1.466	1463.1
870	-0.63	-0.66	34.906	28.061	28.063	2.71	1.469	1463.3
880	-0.64	-0.67	34.906	28.062	28.063	2.61	1.472	1463.4
890	-0.64	-0.68	34.904	28.061	28.062	2.65	1.474	1463.6
900	-0.65	-0.69	34.906	28.062	28.064	2.46	1.477	1463.8
910	-0.64	-0.68	34.909	28.065	28.067	2.22	1.479	1463.9
920	-0.62	-0.66	34.910	28.065	28.066	2.31	1.481	1464.1
930	-0.62	-0.66	34.910	28.064	28.066	2.30	1.484	1464.3
940	-0.62	-0.66	34.911	28.065	28.067	2.18	1.486	1464.4
950	-0.63	-0.67	34.912	28.066	28.068	2.08	1.488	1464.6
960	-0.64	-0.68	34.912	28.067	28.068	1.98	1.490	1464.8
970	-0.65	-0.69	34.911	28.067	28.069	1.92	1.492	1464.9
980	-0.66	-0.70	34.912	28.067	28.069	1.84	1.494	1465.1
990	-0.66	-0.70	34.912	28.068	28.069	1.79	1.496	1465.3
1000	-0.65	-0.69	34.913	28.068	28.070	1.75	1.497	1465.4
1010	-0.65	-0.70	34.914	28.069	28.071	1.66	1.499	1465.6
1020	-0.66	-0.70	34.914	28.069	28.071	1.58	1.501	1465.8
1030	-0.67	-0.71	34.914	28.070	28.072	1.48	1.502	1465.9

1040	-0.69	-0.73	34.913	28.070	28.071	1.43	1.504	1466.1
1050	-0.70	-0.74	34.912	28.069	28.071	1.44	1.505	1466.3
1060	-0.71	-0.75	34.912	28.070	28.072	1.31	1.507	1466.4
1070	-0.71	-0.76	34.913	28.071	28.073	1.16	1.508	1466.6
1080	-0.73	-0.77	34.912	28.070	28.072	1.17	1.509	1466.8
1090	-0.74	-0.78	34.911	28.071	28.073	1.06	1.510	1466.9
1100	-0.74	-0.78	34.912	28.071	28.073	0.99	1.511	1467.1
1110	-0.72	-0.76	34.914	28.072	28.074	0.97	1.512	1467.3
1120	-0.72	-0.76	34.914	28.072	28.074	0.98	1.513	1467.4
1130	-0.72	-0.77	34.915	28.073	28.075	0.85	1.514	1467.6
1140	-0.72	-0.77	34.915	28.073	28.075	0.79	1.515	1467.8
1150	-0.73	-0.77	34.915	28.074	28.076	0.73	1.516	1467.9
1160	-0.73	-0.77	34.915	28.073	28.075	0.75	1.516	1468.1
1170	-0.73	-0.78	34.915	28.074	28.076	0.67	1.517	1468.2
1180	-0.74	-0.79	34.916	28.075	28.077	0.53	1.518	1468.4
1190	-0.74	-0.79	34.916	28.075	28.077	0.50	1.518	1468.6
1200	-0.75	-0.80	34.916	28.075	28.077	0.44	1.519	1468.7
1210	-0.76	-0.81	34.914	28.074	28.076	0.44	1.519	1468.9
1220	-0.76	-0.81	34.915	28.075	28.077	0.35	1.519	1469.1
1230	-0.79	-0.84	34.914	28.075	28.077	0.25	1.520	1469.2
1240	-0.78	-0.83	34.915	28.076	28.078	0.20	1.520	1469.4
1250	-0.77	-0.83	34.917	28.077	28.079	0.04	1.520	1469.6
1260	-0.78	-0.83	34.916	28.076	28.078	0.12	1.520	1469.7
1270	-0.79	-0.84	34.916	28.077	28.079	-0.02	1.520	1469.9
1280	-0.79	-0.85	34.915	28.076	28.078	0.03	1.520	1470.1
1290	-0.80	-0.85	34.915	28.076	28.078	-0.02	1.520	1470.2
1300	-0.80	-0.85	34.916	28.077	28.079	-0.16	1.520	1470.4
1310	-0.80	-0.85	34.919	28.079	28.081	-0.36	1.520	1470.6
1320	-0.81	-0.86	34.917	28.078	28.081	-0.34	1.519	1470.7
1330	-0.82	-0.88	34.915	28.077	28.080	-0.31	1.519	1470.9
1340	-0.81	-0.87	34.917	28.079	28.081	-0.43	1.519	1471.1
1350	-0.81	-0.87	34.916	28.077	28.080	-0.33	1.518	1471.2
1360	-0.81	-0.87	34.917	28.079	28.081	-0.47	1.518	1471.4
1370	-0.82	-0.87	34.917	28.079	28.081	-0.50	1.518	1471.6
1380	-0.82	-0.88	34.916	28.078	28.080	-0.46	1.517	1471.7
1390	-0.82	-0.88	34.916	28.078	28.081	-0.54	1.517	1471.9
1400	-0.83	-0.89	34.917	28.080	28.082	-0.73	1.516	1472.1
1410	-0.84	-0.90	34.917	28.079	28.082	-0.75	1.515	1472.2
1420	-0.84	-0.90	34.916	28.079	28.082	-0.75	1.514	1472.4
1430	-0.84	-0.90	34.916	28.079	28.081	-0.76	1.514	1472.6
1440	-0.84	-0.90	34.915	28.079	28.081	-0.75	1.513	1472.7
1450	-0.85	-0.91	34.916	28.079	28.081	-0.81	1.512	1472.9
1460	-0.85	-0.91	34.916	28.079	28.082	-0.85	1.511	1473.1
1470	-0.85	-0.91	34.915	28.078	28.080	-0.77	1.511	1473.2
1480	-0.85	-0.91	34.916	28.079	28.082	-0.90	1.510	1473.4
1490	-0.85	-0.92	34.915	28.079	28.082	-0.94	1.509	1473.6
1500	-0.86	-0.92	34.916	28.080	28.082	-1.05	1.508	1473.8
1510	-0.86	-0.93	34.916	28.080	28.082	-1.10	1.507	1473.9
1520	-0.87	-0.93	34.915	28.080	28.082	-1.13	1.506	1474.1
1530	-0.87	-0.94	34.916	28.080	28.083	-1.19	1.504	1474.3
1540	-0.88	-0.94	34.916	28.080	28.083	-1.28	1.503	1474.4
1550	-0.88	-0.95	34.916	28.080	28.083	-1.30	1.502	1474.6
1560	-0.88	-0.95	34.917	28.081	28.084	-1.42	1.501	1474.8
1570	-0.88	-0.95	34.916	28.081	28.084	-1.43	1.499	1474.9

1580	-0.88	-0.95	34.916	28.080	28.083	-1.42	1.498	1475.1
1590	-0.89	-0.96	34.915	28.080	28.083	-1.45	1.496	1475.3
1600	-0.89	-0.96	34.915	28.080	28.083	-1.51	1.495	1475.4
1610	-0.90	-0.97	34.916	28.081	28.084	-1.62	1.493	1475.6
1620	-0.90	-0.97	34.916	28.081	28.084	-1.69	1.492	1475.8
1630	-0.91	-0.98	34.915	28.081	28.084	-1.68	1.490	1475.9
1640	-0.91	-0.98	34.916	28.081	28.084	-1.77	1.488	1476.1
1650	-0.91	-0.98	34.915	28.081	28.084	-1.75	1.486	1476.3
1660	-0.91	-0.99	34.914	28.080	28.083	-1.74	1.485	1476.4
1670	-0.92	-0.99	34.915	28.081	28.084	-1.82	1.483	1476.6
1680	-0.92	-1.00	34.915	28.081	28.084	-1.93	1.481	1476.8
1690	-0.93	-1.00	34.914	28.081	28.084	-1.89	1.479	1476.9
1700	-0.93	-1.01	34.915	28.082	28.085	-2.06	1.477	1477.1
1710	-0.94	-1.01	34.914	28.081	28.084	-2.05	1.475	1477.3
1720	-0.94	-1.01	34.915	28.082	28.085	-2.16	1.473	1477.4
1730	-0.94	-1.02	34.913	28.081	28.084	-2.06	1.471	1477.6
1740	-0.94	-1.02	34.914	28.081	28.084	-2.15	1.469	1477.8
1750	-0.95	-1.03	34.915	28.082	28.085	-2.28	1.466	1477.9
1760	-0.95	-1.03	34.913	28.081	28.084	-2.21	1.464	1478.1
1770	-0.95	-1.03	34.914	28.082	28.085	-2.30	1.462	1478.3
1780	-0.96	-1.03	34.914	28.082	28.086	-2.41	1.460	1478.4
1790	-0.96	-1.04	34.914	28.082	28.085	-2.44	1.457	1478.6
1800	-0.96	-1.04	34.913	28.082	28.085	-2.39	1.455	1478.8
1810	-0.96	-1.04	34.914	28.082	28.085	-2.47	1.452	1478.9
1820	-0.96	-1.05	34.914	28.082	28.086	-2.56	1.450	1479.1
1830	-0.97	-1.05	34.914	28.083	28.086	-2.62	1.447	1479.3
1840	-0.97	-1.06	34.913	28.082	28.085	-2.64	1.445	1479.5
1850	-0.98	-1.06	34.913	28.082	28.086	-2.71	1.442	1479.6
1860	-0.98	-1.06	34.914	28.083	28.086	-2.80	1.439	1479.8
1870	-0.98	-1.07	34.913	28.082	28.085	-2.76	1.436	1480.0
1880	-0.99	-1.07	34.912	28.082	28.085	-2.80	1.434	1480.1
1890	-0.99	-1.07	34.912	28.082	28.085	-2.80	1.431	1480.3
1899	-0.99	-1.08	34.913	28.082	28.086	-2.90	1.428	1480.4
1910	-1.00	-1.09	34.912	28.082	28.086	-2.97	1.425	1480.6
1920	-1.01	-1.09	34.912	28.082	28.086	-3.01	1.422	1480.8
1930	-1.02	-1.10	34.911	28.082	28.085	-3.07	1.419	1481.0
1940	-1.02	-1.11	34.909	28.081	28.084	-3.04	1.416	1481.1
1950	-1.04	-1.12	34.909	28.081	28.084	-3.14	1.413	1481.3
1960	-1.05	-1.14	34.908	28.081	28.084	-3.20	1.409	1481.5
1970	-1.06	-1.15	34.906	28.080	28.083	-3.20	1.406	1481.6
1980	-1.07	-1.16	34.907	28.080	28.084	-3.33	1.403	1481.8
1990	-1.07	-1.16	34.906	28.080	28.084	-3.35	1.400	1482.0
2000	-1.07	-1.16	34.905	28.079	28.082	-3.26	1.396	1482.1
2010	-1.07	-1.17	34.907	28.081	28.084	-3.48	1.393	1482.3
2020	-1.08	-1.17	34.905	28.079	28.083	-3.40	1.389	1482.5
2030	-1.08	-1.17	34.906	28.081	28.084	-3.59	1.386	1482.6
2040	-1.09	-1.18	34.904	28.080	28.083	-3.56	1.382	1482.8
2050	-1.09	-1.19	34.904	28.080	28.083	-3.61	1.379	1483.0

B87.401

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	2.88	2.88	32.007	25.507	25.507	246.54	0.123	1458.1
10	2.90	2.90	32.022	25.517	25.517	245.66	0.246	1458.3
20	3.07	3.07	32.491	25.877	25.877	211.45	0.475	1459.8
30	0.24	0.24	33.906	27.210	27.210	84.82	0.623	1449.3
40	-1.03	-1.03	34.317	27.601	27.601	47.65	0.689	1448.9
50	-1.25	-1.25	34.385	27.664	27.664	41.65	0.734	1449.1
60	-0.70	-0.70	34.505	27.740	27.740	34.50	0.772	1449.5
70	-0.47	-0.47	34.561	27.775	27.775	31.20	0.805	1449.7
80	0.06	0.06	34.689	27.852	27.852	24.05	0.832	1450.3
90	0.53	0.53	34.776	27.895	27.895	20.09	0.855	1452.7
100	0.97	0.97	34.843	27.921	27.921	17.78	0.873	1455.0
110	1.00	1.00	34.863	27.935	27.935	16.47	0.891	1455.3
120	1.10	1.10	34.884	27.945	27.945	15.59	0.907	1455.9
130	1.21	1.20	34.891	27.943	27.944	15.81	0.922	1456.6
140	1.11	1.10	34.895	27.954	27.954	14.84	0.938	1456.3
150	1.12	1.11	34.905	27.961	27.961	14.19	0.952	1456.5
160	1.06	1.05	34.909	27.968	27.969	13.50	0.966	1456.4
170	1.04	1.03	34.912	27.972	27.973	13.14	0.979	1456.5
180	1.00	0.99	34.911	27.975	27.975	12.92	0.992	1456.5
190	0.94	0.93	34.917	27.983	27.984	12.11	1.005	1456.4
200	1.00	0.99	34.926	27.986	27.987	11.86	1.017	1456.8
210	0.94	0.93	34.925	27.989	27.990	11.57	1.029	1456.7
220	0.99	0.98	34.932	27.992	27.993	11.37	1.040	1457.1
230	0.93	0.92	34.929	27.993	27.994	11.23	1.051	1457.0
240	0.93	0.92	34.932	27.995	27.996	11.05	1.062	1457.2
250	0.91	0.90	34.933	27.998	27.998	10.86	1.073	1457.3
260	0.89	0.88	34.933	27.999	28.000	10.73	1.084	1457.3
270	0.86	0.85	34.933	28.001	28.002	10.53	1.095	1457.3
280	0.80	0.79	34.930	28.002	28.003	10.42	1.105	1457.3
290	0.79	0.77	34.930	28.004	28.004	10.30	1.116	1457.4
300	0.76	0.74	34.930	28.005	28.006	10.11	1.126	1457.4
310	0.71	0.70	34.927	28.005	28.006	10.10	1.136	1457.3
320	0.67	0.66	34.927	28.008	28.009	9.82	1.146	1457.3
330	0.63	0.62	34.927	28.011	28.012	9.57	1.156	1457.3
340	0.58	0.56	34.922	28.010	28.011	9.61	1.165	1457.2
350	0.55	0.53	34.924	28.013	28.014	9.27	1.175	1457.2
360	0.49	0.47	34.922	28.015	28.016	9.05	1.184	1457.1
370	0.45	0.43	34.919	28.015	28.016	8.99	1.193	1457.1
380	0.40	0.39	34.918	28.017	28.018	8.82	1.202	1457.1
390	0.35	0.33	34.916	28.019	28.020	8.58	1.210	1457.0
400	0.34	0.32	34.918	28.021	28.022	8.37	1.219	1457.1
410	0.30	0.29	34.916	28.022	28.023	8.28	1.227	1457.1
420	0.28	0.26	34.915	28.022	28.023	8.21	1.236	1457.1
430	0.26	0.24	34.916	28.024	28.025	8.05	1.244	1457.2
440	0.24	0.22	34.915	28.025	28.026	7.97	1.252	1457.3
450	0.20	0.18	34.915	28.026	28.027	7.77	1.260	1457.3
460	0.18	0.16	34.914	28.027	28.028	7.69	1.267	1457.4
470	0.18	0.16	34.915	28.028	28.029	7.59	1.275	1457.5
480	0.19	0.17	34.919	28.030	28.031	7.37	1.282	1457.7
490	0.14	0.12	34.912	28.028	28.029	7.52	1.290	1457.6

500	0.11	0.09	34.912	28.030	28.031	7.34	1.297	1457.7
510	0.08	0.06	34.908	28.028	28.029	7.45	1.305	1457.7
520	0.07	0.05	34.912	28.031	28.032	7.17	1.312	1457.9
530	0.06	0.04	34.908	28.029	28.030	7.34	1.319	1458.0
540	0.05	0.03	34.912	28.033	28.034	6.94	1.326	1458.1
550	0.05	0.02	34.912	28.032	28.034	7.00	1.333	1458.2
560	0.01	-0.02	34.910	28.034	28.035	6.82	1.340	1458.2
570	0.02	0.00	34.914	28.035	28.037	6.68	1.347	1458.4
580	0.01	-0.02	34.915	28.037	28.039	6.47	1.354	1458.5
590	-0.02	-0.04	34.913	28.037	28.039	6.42	1.360	1458.7
600	-0.05	-0.08	34.913	28.039	28.040	6.24	1.366	1458.8
610	-0.07	-0.09	34.913	28.040	28.041	6.08	1.372	1459.0
620	-0.10	-0.12	34.912	28.041	28.042	5.98	1.379	1459.2
630	-0.12	-0.14	34.913	28.042	28.043	5.80	1.384	1459.3
640	-0.14	-0.17	34.912	28.042	28.044	5.73	1.390	1459.5
650	-0.16	-0.18	34.911	28.043	28.044	5.63	1.396	1459.6
660	-0.19	-0.22	34.911	28.044	28.046	5.45	1.401	1459.8
670	-0.20	-0.23	34.912	28.046	28.047	5.28	1.407	1460.0
680	-0.22	-0.25	34.912	28.047	28.048	5.13	1.412	1460.1
690	-0.25	-0.27	34.910	28.047	28.048	5.09	1.417	1460.3
700	-0.26	-0.29	34.910	28.047	28.049	4.99	1.422	1460.5
710	-0.29	-0.32	34.911	28.049	28.051	4.74	1.427	1460.6
720	-0.30	-0.33	34.910	28.050	28.051	4.70	1.432	1460.8
730	-0.33	-0.36	34.911	28.051	28.053	4.49	1.436	1461.0
740	-0.35	-0.38	34.909	28.051	28.052	4.43	1.441	1461.1
750	-0.37	-0.40	34.912	28.054	28.055	4.15	1.445	1461.3
760	-0.38	-0.41	34.909	28.052	28.054	4.25	1.449	1461.5
770	-0.41	-0.44	34.909	28.054	28.055	4.01	1.453	1461.6
780	-0.44	-0.47	34.907	28.053	28.055	3.98	1.457	1461.8
790	-0.47	-0.50	34.907	28.055	28.056	3.78	1.461	1461.9
800	-0.47	-0.51	34.907	28.055	28.056	3.75	1.465	1462.1
810	-0.49	-0.52	34.908	28.056	28.058	3.56	1.469	1462.3
820	-0.50	-0.53	34.907	28.056	28.058	3.54	1.472	1462.4
830	-0.50	-0.54	34.908	28.057	28.059	3.41	1.476	1462.6
840	-0.52	-0.55	34.909	28.059	28.061	3.19	1.479	1462.8
850	-0.52	-0.55	34.909	28.059	28.061	3.16	1.482	1462.9
860	-0.54	-0.57	34.908	28.059	28.060	3.15	1.485	1463.1
870	-0.55	-0.59	34.908	28.060	28.061	3.00	1.488	1463.3
880	-0.54	-0.58	34.911	28.062	28.063	2.82	1.491	1463.4
890	-0.56	-0.60	34.909	28.061	28.062	2.85	1.494	1463.6
900	-0.55	-0.59	34.910	28.061	28.063	2.80	1.497	1463.8
910	-0.56	-0.60	34.910	28.062	28.064	2.71	1.500	1463.9
920	-0.60	-0.63	34.909	28.062	28.064	2.58	1.502	1464.1
928	-0.59	-0.63	34.910	28.063	28.065	2.47	1.504	1464.2
940	-0.63	-0.67	34.908	28.063	28.065	2.38	1.507	1464.4
950	-0.63	-0.67	34.908	28.063	28.065	2.34	1.509	1464.6
960	-0.61	-0.65	34.912	28.066	28.067	2.16	1.512	1464.8
970	-0.60	-0.64	34.910	28.064	28.065	2.35	1.514	1464.9
980	-0.63	-0.67	34.911	28.065	28.067	2.13	1.516	1465.1
990	-0.64	-0.68	34.911	28.066	28.068	1.96	1.518	1465.3
1000	-0.63	-0.67	34.914	28.068	28.069	1.87	1.520	1465.4
1010	-0.64	-0.68	34.913	28.068	28.070	1.81	1.522	1465.6
1020	-0.62	-0.67	34.914	28.068	28.070	1.79	1.524	1465.8
1030	-0.63	-0.67	34.915	28.069	28.071	1.70	1.526	1465.9

1040	-0.65	-0.70	34.913	28.069	28.070	1.63	1.527	1466.1
1050	-0.66	-0.71	34.914	28.070	28.072	1.47	1.529	1466.3
1060	-0.66	-0.70	34.915	28.070	28.072	1.40	1.530	1466.4
1070	-0.66	-0.71	34.916	28.071	28.073	1.32	1.532	1466.6
1080	-0.68	-0.72	34.916	28.072	28.074	1.16	1.533	1466.8
1090	-0.68	-0.72	34.917	28.072	28.074	1.11	1.534	1466.9
1100	-0.69	-0.73	34.916	28.072	28.074	1.08	1.535	1467.1
1110	-0.70	-0.74	34.916	28.073	28.075	0.96	1.536	1467.3
1120	-0.70	-0.75	34.916	28.073	28.075	0.96	1.537	1467.4
1130	-0.70	-0.75	34.915	28.072	28.074	0.95	1.538	1467.6
1140	-0.72	-0.77	34.915	28.073	28.075	0.84	1.539	1467.8
1150	-0.73	-0.78	34.915	28.073	28.075	0.75	1.540	1467.9
1160	-0.73	-0.78	34.917	28.075	28.077	0.58	1.540	1468.1
1170	-0.73	-0.78	34.917	28.075	28.077	0.58	1.541	1468.3
1180	-0.74	-0.79	34.915	28.074	28.076	0.58	1.541	1468.4
1190	-0.74	-0.79	34.916	28.075	28.077	0.51	1.542	1468.6
1200	-0.74	-0.79	34.918	28.076	28.078	0.38	1.542	1468.8
1210	-0.75	-0.79	34.916	28.074	28.077	0.47	1.543	1468.9
1220	-0.75	-0.80	34.915	28.074	28.077	0.44	1.543	1469.1
1230	-0.76	-0.81	34.915	28.075	28.077	0.33	1.544	1469.2
1240	-0.76	-0.81	34.917	28.076	28.078	0.20	1.544	1469.4
1250	-0.77	-0.82	34.916	28.075	28.078	0.23	1.544	1469.6
1260	-0.77	-0.82	34.916	28.076	28.078	0.17	1.544	1469.7
1270	-0.77	-0.83	34.918	28.077	28.080	-0.03	1.544	1469.9
1280	-0.78	-0.83	34.917	28.077	28.079	-0.02	1.544	1470.1
1290	-0.79	-0.84	34.915	28.076	28.078	0.01	1.544	1470.2
1300	-0.78	-0.84	34.917	28.078	28.080	-0.14	1.544	1470.4
1310	-0.79	-0.84	34.917	28.078	28.080	-0.19	1.544	1470.6
1320	-0.80	-0.85	34.916	28.077	28.079	-0.15	1.544	1470.7
1330	-0.81	-0.86	34.915	28.077	28.079	-0.22	1.544	1470.9
1340	-0.81	-0.87	34.917	28.078	28.081	-0.38	1.544	1471.1
1350	-0.80	-0.86	34.917	28.078	28.080	-0.33	1.543	1471.2
1370	-0.81	-0.87	34.917	28.078	28.081	-0.44	1.542	1471.6
1380	-0.81	-0.87	34.918	28.079	28.082	-0.56	1.542	1471.8
1390	-0.82	-0.87	34.918	28.079	28.082	-0.60	1.541	1471.9
1400	-0.82	-0.88	34.916	28.078	28.081	-0.56	1.541	1472.1
1410	-0.82	-0.88	34.916	28.078	28.081	-0.60	1.540	1472.2
1420	-0.83	-0.89	34.917	28.079	28.081	-0.68	1.540	1472.4
1430	-0.83	-0.89	34.917	28.079	28.082	-0.74	1.539	1472.6
1440	-0.83	-0.90	34.917	28.079	28.082	-0.80	1.538	1472.8
1450	-0.84	-0.90	34.917	28.080	28.082	-0.86	1.537	1472.9
1460	-0.84	-0.90	34.918	28.080	28.083	-0.94	1.536	1473.1
1470	-0.84	-0.90	34.916	28.079	28.081	-0.83	1.535	1473.3
1480	-0.85	-0.91	34.916	28.079	28.082	-0.95	1.535	1473.4
1490	-0.86	-0.92	34.916	28.080	28.083	-1.05	1.534	1473.6
1500	-0.86	-0.93	34.916	28.080	28.083	-1.10	1.533	1473.8
1510	-0.87	-0.93	34.916	28.080	28.082	-1.11	1.531	1473.9
1520	-0.87	-0.93	34.916	28.080	28.083	-1.18	1.530	1474.1
1530	-0.87	-0.93	34.917	28.081	28.084	-1.30	1.529	1474.3
1540	-0.87	-0.94	34.916	28.080	28.083	-1.29	1.528	1474.4
1550	-0.88	-0.94	34.915	28.080	28.083	-1.28	1.526	1474.6
1560	-0.88	-0.95	34.916	28.080	28.083	-1.36	1.525	1474.8
1570	-0.88	-0.95	34.917	28.081	28.084	-1.47	1.524	1474.9
1580	-0.89	-0.96	34.917	28.082	28.084	-1.56	1.522	1475.1

1590	-0.89	-0.96	34.915	28.081	28.083	-1.51	1.521	1475.3
1600	-0.89	-0.96	34.917	28.082	28.085	-1.64	1.519	1475.4
1610	-0.89	-0.96	34.916	28.081	28.084	-1.60	1.517	1475.6
1620	-0.90	-0.97	34.916	28.081	28.084	-1.60	1.516	1475.8
1630	-0.90	-0.98	34.917	28.082	28.085	-1.79	1.514	1475.9
1640	-0.91	-0.98	34.916	28.082	28.085	-1.79	1.512	1476.1
1650	-0.91	-0.98	34.915	28.081	28.084	-1.71	1.511	1476.3
1660	-0.91	-0.98	34.914	28.081	28.084	-1.76	1.509	1476.4
1670	-0.91	-0.99	34.915	28.081	28.084	-1.80	1.507	1476.6
1680	-0.92	-0.99	34.915	28.081	28.084	-1.87	1.505	1476.8
1690	-0.92	-0.99	34.913	28.080	28.083	-1.82	1.503	1476.9
1700	-0.92	-1.00	34.914	28.081	28.084	-1.94	1.502	1477.1
1710	-0.93	-1.00	34.913	28.080	28.083	-1.90	1.500	1477.3
1720	-0.93	-1.00	34.915	28.082	28.085	-2.06	1.498	1477.4
1730	-0.92	-1.00	34.914	28.081	28.084	-1.98	1.496	1477.6
1740	-0.93	-1.00	34.915	28.082	28.085	-2.13	1.494	1477.8
1750	-0.93	-1.01	34.914	28.081	28.085	-2.14	1.491	1477.9
1760	-0.93	-1.01	34.916	28.083	28.086	-2.29	1.489	1478.1
1770	-0.93	-1.01	34.915	28.082	28.085	-2.26	1.487	1478.3
1780	-0.93	-1.01	34.915	28.082	28.085	-2.25	1.485	1478.4
1790	-0.94	-1.02	34.915	28.082	28.086	-2.36	1.482	1478.6
1800	-0.94	-1.02	34.914	28.082	28.085	-2.34	1.480	1478.8
1810	-0.94	-1.02	34.915	28.083	28.086	-2.44	1.478	1478.9
1820	-0.94	-1.02	34.914	28.082	28.085	-2.39	1.475	1479.1
1830	-0.95	-1.03	34.914	28.081	28.085	-2.39	1.473	1479.3
1840	-0.95	-1.03	34.916	28.083	28.086	-2.61	1.470	1479.5
1850	-0.95	-1.04	34.915	28.083	28.086	-2.64	1.468	1479.6
1860	-0.95	-1.04	34.913	28.081	28.084	-2.46	1.465	1479.8
1870	-0.96	-1.04	34.913	28.082	28.085	-2.58	1.463	1480.0
1880	-0.96	-1.05	34.915	28.083	28.087	-2.80	1.460	1480.1
1890	-0.97	-1.05	34.915	28.083	28.087	-2.82	1.457	1480.3
1900	-0.97	-1.06	34.917	28.085	28.088	-3.00	1.454	1480.5
1910	-0.97	-1.06	34.915	28.083	28.087	-2.89	1.451	1480.6
1920	-0.97	-1.06	34.915	28.084	28.087	-2.96	1.448	1480.8
1930	-0.98	-1.06	34.915	28.083	28.087	-2.99	1.445	1481.0
1940	-0.98	-1.07	34.914	28.083	28.087	-3.00	1.442	1481.1
1950	-0.98	-1.07	34.914	28.083	28.087	-3.04	1.439	1481.3
1960	-0.99	-1.08	34.913	28.083	28.086	-3.09	1.436	1481.5
1970	-0.99	-1.08	34.915	28.084	28.088	-3.28	1.433	1481.6
1980	-1.00	-1.09	34.913	28.083	28.086	-3.16	1.430	1481.8
1990	-1.00	-1.09	34.912	28.082	28.086	-3.16	1.427	1482.0
2000	-1.01	-1.10	34.911	28.082	28.085	-3.19	1.424	1482.1
2010	-1.02	-1.11	34.911	28.082	28.086	-3.30	1.420	1482.3
2020	-1.02	-1.11	34.909	28.081	28.085	-3.23	1.417	1482.5
2030	-1.03	-1.12	34.911	28.082	28.086	-3.43	1.414	1482.6
2040	-1.03	-1.12	34.909	28.081	28.085	-3.37	1.410	1482.8
2050	-1.03	-1.13	34.905	28.078	28.082	-3.14	1.407	1483.0

B87.402

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	3.09	3.09	32.597	25.960	25.960	203.55	0.102	1459.7
10	3.09	3.09	32.596	25.959	25.959	203.66	0.204	1459.8
20	2.87	2.86	32.829	26.164	26.164	184.21	0.398	1459.3
30	-0.68	-0.68	33.802	27.170	27.170	88.59	0.534	1448.0
40	-0.76	-0.76	34.212	27.506	27.506	56.74	0.607	1448.7
50	-0.29	-0.29	34.486	27.706	27.706	37.81	0.654	1449.3
60	0.06	0.05	34.583	27.766	27.766	32.15	0.689	1449.8
70	0.39	0.39	34.682	27.828	27.828	26.38	0.718	1451.7
80	0.30	0.30	34.718	27.862	27.862	23.16	0.743	1451.4
90	0.37	0.37	34.770	27.899	27.900	19.63	0.764	1452.0
100	0.44	0.44	34.804	27.923	27.923	17.46	0.783	1452.5
110	0.45	0.44	34.824	27.939	27.939	15.95	0.800	1452.7
120	0.38	0.38	34.843	27.958	27.959	14.09	0.815	1452.6
130	0.29	0.28	34.853	27.972	27.972	12.82	0.828	1452.4
140	0.31	0.31	34.872	27.985	27.986	11.52	0.840	1452.7
150	0.35	0.35	34.883	27.992	27.993	10.91	0.851	1453.0
160	0.36	0.36	34.890	27.997	27.998	10.43	0.862	1453.2
170	0.37	0.36	34.897	28.002	28.003	10.00	0.872	1453.5
180	0.36	0.35	34.898	28.004	28.004	9.84	0.882	1453.6
190	0.34	0.34	34.902	28.008	28.009	9.43	0.892	1453.7
200	0.33	0.32	34.901	28.008	28.009	9.41	0.901	1453.8
210	0.38	0.37	34.911	28.013	28.014	9.01	0.910	1454.2
220	0.39	0.38	34.910	28.012	28.013	9.11	0.920	1454.4
230	0.37	0.36	34.912	28.014	28.015	8.89	0.929	1454.5
240	0.35	0.34	34.910	28.014	28.015	8.93	0.937	1454.5
250	0.33	0.32	34.911	28.016	28.017	8.72	0.946	1454.6
260	0.29	0.28	34.911	28.018	28.019	8.53	0.955	1454.6
270	0.27	0.26	34.909	28.018	28.019	8.52	0.963	1454.7
280	0.27	0.25	34.910	28.019	28.020	8.41	0.972	1454.8
290	0.25	0.23	34.910	28.020	28.021	8.33	0.980	1454.9
300	0.23	0.22	34.909	28.020	28.021	8.28	0.989	1455.0
310	0.22	0.21	34.912	28.023	28.024	8.04	0.997	1455.1
320	0.21	0.20	34.914	28.025	28.026	7.84	1.005	1455.2
330	0.20	0.19	34.911	28.023	28.024	8.00	1.013	1455.3
340	0.18	0.17	34.912	28.025	28.026	7.82	1.020	1455.4
350	0.17	0.16	34.912	28.026	28.027	7.74	1.028	1455.5
360	0.16	0.14	34.910	28.025	28.026	7.79	1.036	1455.6
370	0.13	0.12	34.911	28.027	28.028	7.58	1.044	1455.7
380	0.12	0.11	34.911	28.028	28.029	7.47	1.051	1455.8
390	0.11	0.09	34.910	28.028	28.029	7.45	1.059	1455.9
400	0.09	0.07	34.910	28.029	28.030	7.33	1.066	1455.9
410	0.07	0.06	34.910	28.030	28.031	7.27	1.073	1456.0
420	0.06	0.04	34.910	28.030	28.031	7.22	1.081	1456.1
430	0.04	0.02	34.909	28.031	28.032	7.14	1.088	1456.2
440	0.02	0.01	34.908	28.031	28.032	7.12	1.095	1456.3
450	0.01	-0.01	34.909	28.032	28.033	6.95	1.102	1456.4
460	-0.01	-0.03	34.908	28.032	28.033	6.95	1.109	1456.5
470	-0.02	-0.04	34.906	28.032	28.033	6.94	1.116	1456.7
480	-0.04	-0.06	34.907	28.034	28.035	6.76	1.123	1456.8
490	-0.06	-0.08	34.907	28.034	28.035	6.68	1.129	1457.0

500	-0.08	-0.10	34.906	28.034	28.036	6.62	1.136	1457.2
510	-0.09	-0.11	34.905	28.035	28.036	6.56	1.143	1457.3
520	-0.11	-0.13	34.906	28.036	28.037	6.41	1.149	1457.5
530	-0.13	-0.15	34.906	28.037	28.039	6.26	1.155	1457.7
540	-0.15	-0.17	34.906	28.039	28.040	6.10	1.162	1457.8
550	-0.17	-0.19	34.906	28.039	28.041	6.01	1.168	1458.0
560	-0.18	-0.21	34.906	28.040	28.041	5.90	1.174	1458.2
570	-0.18	-0.20	34.910	28.043	28.044	5.66	1.179	1458.3
580	-0.19	-0.22	34.908	28.042	28.043	5.68	1.185	1458.5
590	-0.21	-0.23	34.908	28.043	28.044	5.60	1.191	1458.7
600	-0.23	-0.25	34.907	28.043	28.045	5.50	1.196	1458.8
610	-0.25	-0.28	34.907	28.044	28.046	5.37	1.202	1459.0
620	-0.27	-0.29	34.907	28.045	28.046	5.28	1.207	1459.1
630	-0.26	-0.29	34.910	28.047	28.048	5.08	1.212	1459.3
640	-0.28	-0.31	34.908	28.047	28.048	5.09	1.217	1459.5
650	-0.29	-0.32	34.910	28.049	28.050	4.84	1.222	1459.6
660	-0.31	-0.34	34.909	28.049	28.050	4.79	1.227	1459.8
670	-0.34	-0.37	34.909	28.050	28.051	4.61	1.232	1460.0
680	-0.35	-0.38	34.909	28.051	28.053	4.46	1.236	1460.1
690	-0.36	-0.39	34.909	28.052	28.053	4.41	1.241	1460.3
700	-0.36	-0.39	34.909	28.052	28.053	4.39	1.245	1460.5
710	-0.37	-0.40	34.910	28.053	28.054	4.23	1.249	1460.6
720	-0.39	-0.42	34.908	28.052	28.054	4.28	1.254	1460.8
730	-0.42	-0.45	34.908	28.054	28.055	4.06	1.258	1461.0
740	-0.44	-0.47	34.907	28.054	28.055	4.01	1.262	1461.1
750	-0.45	-0.48	34.908	28.055	28.056	3.90	1.266	1461.3
760	-0.46	-0.49	34.908	28.056	28.057	3.77	1.270	1461.5
770	-0.47	-0.50	34.909	28.057	28.058	3.64	1.273	1461.6
780	-0.48	-0.51	34.907	28.056	28.057	3.69	1.277	1461.8
790	-0.49	-0.52	34.909	28.058	28.059	3.47	1.281	1461.9
800	-0.50	-0.53	34.909	28.058	28.060	3.40	1.284	1462.1
810	-0.51	-0.54	34.910	28.059	28.060	3.28	1.287	1462.3
820	-0.52	-0.55	34.910	28.059	28.061	3.20	1.291	1462.4
830	-0.53	-0.56	34.909	28.060	28.061	3.15	1.294	1462.6
840	-0.54	-0.57	34.910	28.061	28.062	3.00	1.297	1462.8
850	-0.54	-0.57	34.911	28.061	28.063	2.94	1.300	1462.9
860	-0.54	-0.58	34.910	28.061	28.063	2.92	1.303	1463.1
870	-0.55	-0.58	34.911	28.062	28.064	2.81	1.306	1463.3
880	-0.55	-0.59	34.910	28.061	28.063	2.88	1.309	1463.4
890	-0.56	-0.59	34.910	28.061	28.063	2.82	1.311	1463.6
900	-0.57	-0.60	34.912	28.064	28.066	2.54	1.314	1463.8
910	-0.57	-0.61	34.912	28.064	28.066	2.46	1.317	1463.9
920	-0.58	-0.62	34.912	28.064	28.066	2.45	1.319	1464.1
930	-0.59	-0.62	34.913	28.065	28.067	2.32	1.321	1464.3
940	-0.59	-0.63	34.913	28.066	28.068	2.23	1.324	1464.4
950	-0.60	-0.64	34.913	28.066	28.068	2.16	1.326	1464.6
960	-0.61	-0.65	34.913	28.066	28.068	2.11	1.328	1464.8
970	-0.61	-0.65	34.914	28.067	28.069	2.03	1.330	1464.9
980	-0.62	-0.66	34.913	28.067	28.069	1.99	1.332	1465.1
990	-0.62	-0.66	34.913	28.067	28.069	1.93	1.334	1465.3
1000	-0.63	-0.67	34.913	28.068	28.069	1.85	1.336	1465.4
1010	-0.64	-0.68	34.914	28.068	28.070	1.75	1.338	1465.6
1020	-0.64	-0.68	34.914	28.069	28.071	1.67	1.339	1465.8
1030	-0.65	-0.69	34.914	28.069	28.071	1.64	1.341	1465.9

1040	-0.65	-0.69	34.914	28.069	28.071	1.56	1.343	1466.1
1050	-0.66	-0.70	34.914	28.069	28.071	1.55	1.344	1466.3
1060	-0.66	-0.71	34.914	28.070	28.072	1.45	1.346	1466.4
1071	-0.67	-0.71	34.914	28.070	28.072	1.41	1.347	1466.6
1080	-0.68	-0.72	34.915	28.071	28.073	1.27	1.349	1466.8
1090	-0.68	-0.73	34.915	28.071	28.073	1.20	1.350	1466.9
1100	-0.69	-0.73	34.916	28.072	28.074	1.07	1.351	1467.1
1110	-0.69	-0.73	34.915	28.072	28.074	1.10	1.352	1467.3
1120	-0.70	-0.74	34.916	28.072	28.074	0.99	1.353	1467.4
1130	-0.70	-0.75	34.916	28.073	28.075	0.90	1.354	1467.6
1140	-0.71	-0.75	34.917	28.074	28.076	0.80	1.355	1467.8
1150	-0.71	-0.76	34.916	28.074	28.076	0.78	1.356	1467.9
1160	-0.72	-0.77	34.915	28.073	28.075	0.79	1.356	1468.1
1170	-0.73	-0.77	34.915	28.074	28.076	0.70	1.357	1468.3
1180	-0.73	-0.77	34.917	28.074	28.077	0.59	1.358	1468.4
1190	-0.73	-0.78	34.917	28.075	28.077	0.49	1.358	1468.6
1200	-0.73	-0.78	34.917	28.075	28.077	0.51	1.359	1468.8
1210	-0.74	-0.79	34.916	28.075	28.077	0.48	1.359	1468.9
1220	-0.74	-0.79	34.917	28.075	28.077	0.39	1.360	1469.1
1230	-0.74	-0.79	34.917	28.076	28.078	0.34	1.360	1469.2
1240	-0.75	-0.80	34.917	28.076	28.078	0.30	1.360	1469.4
1250	-0.75	-0.80	34.918	28.077	28.079	0.16	1.361	1469.6
1260	-0.75	-0.80	34.916	28.075	28.078	0.27	1.361	1469.7
1270	-0.76	-0.81	34.917	28.076	28.079	0.14	1.361	1469.9
1280	-0.76	-0.82	34.917	28.077	28.079	0.08	1.361	1470.1
1290	-0.77	-0.82	34.917	28.076	28.079	0.05	1.361	1470.2
1300	-0.77	-0.83	34.918	28.077	28.080	-0.06	1.361	1470.4
1310	-0.78	-0.83	34.917	28.077	28.079	-0.04	1.361	1470.6
1320	-0.78	-0.84	34.917	28.077	28.080	-0.14	1.361	1470.7
1330	-0.78	-0.84	34.917	28.077	28.080	-0.19	1.361	1470.9
1340	-0.79	-0.84	34.916	28.077	28.079	-0.19	1.361	1471.1
1350	-0.79	-0.85	34.917	28.078	28.080	-0.28	1.361	1471.2
1360	-0.79	-0.85	34.917	28.078	28.080	-0.33	1.360	1471.4
1370	-0.79	-0.85	34.916	28.077	28.080	-0.28	1.360	1471.6
1380	-0.80	-0.86	34.917	28.078	28.081	-0.43	1.360	1471.7
1390	-0.80	-0.86	34.917	28.078	28.081	-0.47	1.359	1471.9
1400	-0.81	-0.87	34.916	28.078	28.080	-0.47	1.359	1472.1
1410	-0.81	-0.87	34.917	28.078	28.081	-0.52	1.358	1472.2
1420	-0.81	-0.87	34.917	28.078	28.081	-0.59	1.358	1472.4
1430	-0.82	-0.88	34.916	28.078	28.081	-0.60	1.357	1472.6
1440	-0.82	-0.88	34.917	28.078	28.081	-0.66	1.356	1472.8
1450	-0.83	-0.89	34.917	28.079	28.081	-0.76	1.356	1472.9
1460	-0.83	-0.90	34.917	28.079	28.082	-0.80	1.355	1473.1
1470	-0.84	-0.90	34.917	28.079	28.082	-0.88	1.354	1473.3
1480	-0.84	-0.91	34.917	28.080	28.083	-1.00	1.353	1473.4
1490	-0.85	-0.91	34.917	28.080	28.082	-0.98	1.352	1473.6
1500	-0.85	-0.91	34.917	28.080	28.082	-1.02	1.351	1473.8
1510	-0.86	-0.92	34.917	28.080	28.083	-1.10	1.350	1473.9
1520	-0.86	-0.92	34.916	28.080	28.082	-1.09	1.349	1474.1
1530	-0.86	-0.93	34.916	28.080	28.083	-1.21	1.348	1474.3
1540	-0.86	-0.93	34.916	28.080	28.083	-1.20	1.347	1474.4
1550	-0.87	-0.93	34.917	28.081	28.083	-1.30	1.345	1474.6
1560	-0.87	-0.94	34.916	28.080	28.083	-1.27	1.344	1474.8
1570	-0.88	-0.94	34.915	28.080	28.083	-1.30	1.343	1474.9

1580	-0.88	-0.95	34.916	28.080	28.083	-1.39	1.341	1475.1
1590	-0.89	-0.96	34.916	28.081	28.083	-1.47	1.340	1475.3
1600	-0.89	-0.96	34.916	28.081	28.083	-1.51	1.339	1475.4
1611	-0.90	-0.97	34.915	28.081	28.083	-1.55	1.337	1475.6
1620	-0.90	-0.97	34.915	28.080	28.083	-1.58	1.335	1475.8
1630	-0.90	-0.97	34.915	28.081	28.084	-1.68	1.334	1475.9
1640	-0.90	-0.98	34.915	28.081	28.084	-1.68	1.332	1476.1
1650	-0.91	-0.98	34.916	28.082	28.085	-1.80	1.330	1476.3
1660	-0.91	-0.98	34.915	28.081	28.084	-1.76	1.329	1476.4
1671	-0.92	-0.99	34.915	28.080	28.084	-1.84	1.327	1476.6
1680	-0.92	-0.99	34.916	28.082	28.085	-1.91	1.325	1476.8
1690	-0.92	-0.99	34.915	28.082	28.085	-1.95	1.323	1476.9
1700	-0.92	-1.00	34.915	28.081	28.084	-1.93	1.321	1477.1
1710	-0.92	-1.00	34.914	28.081	28.084	-1.93	1.319	1477.3
1720	-0.93	-1.00	34.914	28.081	28.084	-1.97	1.317	1477.4
1730	-0.93	-1.01	34.915	28.082	28.085	-2.15	1.315	1477.6
1740	-0.93	-1.01	34.915	28.082	28.085	-2.14	1.313	1477.8
1750	-0.93	-1.01	34.915	28.082	28.085	-2.19	1.311	1477.9
1760	-0.93	-1.01	34.914	28.081	28.084	-2.16	1.309	1478.1
1770	-0.94	-1.01	34.915	28.082	28.085	-2.22	1.306	1478.3
1780	-0.94	-1.02	34.915	28.082	28.085	-2.26	1.304	1478.4
1790	-0.94	-1.02	34.915	28.082	28.085	-2.33	1.302	1478.6
1800	-0.94	-1.02	34.914	28.082	28.085	-2.31	1.300	1478.8
1810	-0.94	-1.02	34.915	28.082	28.085	-2.38	1.297	1478.9
1820	-0.95	-1.03	34.914	28.082	28.085	-2.42	1.295	1479.1
1830	-0.95	-1.03	34.915	28.082	28.086	-2.50	1.292	1479.3
1840	-0.95	-1.03	34.913	28.081	28.084	-2.38	1.290	1479.5
1850	-0.94	-1.03	34.914	28.082	28.085	-2.46	1.288	1479.6
1860	-0.95	-1.03	34.915	28.082	28.086	-2.54	1.285	1479.8
1870	-0.95	-1.03	34.914	28.082	28.085	-2.52	1.283	1480.0
1880	-0.95	-1.04	34.915	28.083	28.086	-2.66	1.280	1480.1
1890	-0.95	-1.04	34.911	28.080	28.083	-2.41	1.277	1480.3
1900	-0.95	-1.04	34.915	28.082	28.086	-2.67	1.275	1480.5
1910	-0.95	-1.04	34.914	28.082	28.085	-2.67	1.272	1480.6
1920	-0.95	-1.04	34.914	28.082	28.086	-2.74	1.269	1480.8
1930	-0.96	-1.05	34.914	28.082	28.086	-2.77	1.267	1481.0
1940	-0.96	-1.05	34.914	28.082	28.086	-2.83	1.264	1481.1
1950	-0.96	-1.05	34.914	28.082	28.086	-2.83	1.261	1481.3
1960	-0.96	-1.05	34.913	28.082	28.085	-2.81	1.258	1481.5
1970	-0.96	-1.05	34.914	28.083	28.086	-2.94	1.255	1481.6
1980	-0.96	-1.06	34.913	28.082	28.085	-2.90	1.252	1481.8
1990	-0.96	-1.06	34.914	28.082	28.086	-2.96	1.250	1482.0
2000	-0.97	-1.06	34.914	28.082	28.086	-3.02	1.247	1482.1
2010	-0.97	-1.06	34.913	28.082	28.086	-2.99	1.244	1482.3
2020	-0.97	-1.06	34.914	28.082	28.086	-3.06	1.241	1482.5
2030	-0.97	-1.06	34.913	28.082	28.086	-3.05	1.237	1482.7
2040	-0.97	-1.07	34.914	28.082	28.086	-3.12	1.234	1482.8
2050	-0.97	-1.07	34.913	28.082	28.086	-3.13	1.231	1483.0
2060	-0.97	-1.07	34.913	28.082	28.086	-3.16	1.228	1483.2
2070	-0.98	-1.07	34.912	28.081	28.085	-3.12	1.225	1483.3
2080	-0.98	-1.08	34.913	28.082	28.086	-3.27	1.222	1483.5
2090	-0.98	-1.08	34.912	28.082	28.085	-3.24	1.219	1483.7
2100	-0.98	-1.08	34.912	28.082	28.086	-3.30	1.215	1483.8
2110	-0.98	-1.08	34.912	28.081	28.085	-3.31	1.212	1484.0

2120	-0.99	-1.09	34.912	28.081	28.085	-3.34	1.209	1484.2
2130	-0.99	-1.09	34.911	28.081	28.085	-3.36	1.205	1484.3
2140	-0.99	-1.09	34.911	28.081	28.085	-3.39	1.202	1484.5
2150	-1.00	-1.10	34.911	28.081	28.085	-3.47	1.198	1484.7
2160	-1.00	-1.10	34.911	28.081	28.085	-3.50	1.195	1484.8
2170	-1.00	-1.11	34.911	28.081	28.085	-3.56	1.191	1485.0
2180	-1.00	-1.10	34.910	28.081	28.085	-3.53	1.188	1485.2
2190	-1.00	-1.11	34.911	28.081	28.085	-3.60	1.184	1485.4
2200	-1.01	-1.11	34.910	28.081	28.085	-3.63	1.181	1485.5
2210	-1.01	-1.12	34.910	28.082	28.086	-3.74	1.177	1485.7
2220	-1.02	-1.12	34.909	28.080	28.085	-3.67	1.173	1485.9
2230	-1.02	-1.12	34.909	28.080	28.084	-3.70	1.170	1486.0
2240	-1.02	-1.13	34.908	28.080	28.084	-3.71	1.166	1486.2
2250	-1.03	-1.13	34.908	28.080	28.084	-3.75	1.162	1486.4

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	2.75	2.75	31.674	25.251	25.251	270.92	0.135	1457.1
10	2.76	2.75	31.679	25.255	25.255	270.53	0.271	1457.2
20	-1.30	-1.30	33.912	27.282	27.282	77.93	0.445	1448.0
30	-1.41	-1.41	34.174	27.498	27.498	57.43	0.513	1448.5
40	-1.27	-1.27	34.268	27.570	27.570	50.61	0.567	1448.8
50	-0.88	-0.88	34.402	27.664	27.664	41.72	0.613	1449.1
60	-0.46	-0.46	34.484	27.712	27.712	37.20	0.652	1449.4
70	-0.07	-0.07	34.590	27.779	27.779	30.91	0.686	1449.7
80	0.32	0.32	34.670	27.822	27.822	26.95	0.715	1451.5
90	0.61	0.60	34.737	27.859	27.859	23.52	0.741	1453.0
100	0.89	0.89	34.780	27.876	27.876	21.98	0.763	1454.5
110	1.05	1.04	34.824	27.901	27.901	19.75	0.784	1455.5
120	1.22	1.21	34.861	27.918	27.919	18.14	0.803	1456.4
130	1.15	1.14	34.869	27.930	27.930	17.06	0.821	1456.3
140	1.09	1.08	34.872	27.937	27.937	16.41	0.837	1456.2
150	1.11	1.11	34.890	27.949	27.950	15.27	0.853	1456.5
160	1.07	1.06	34.889	27.952	27.952	15.05	0.868	1456.5
170	1.01	1.01	34.890	27.956	27.956	14.66	0.883	1456.4
180	0.98	0.97	34.895	27.963	27.963	14.04	0.898	1456.4
190	1.00	0.99	34.905	27.969	27.970	13.46	0.911	1456.7
200	1.02	1.01	34.913	27.974	27.975	12.99	0.925	1456.9
210	0.98	0.97	34.914	27.978	27.978	12.67	0.938	1456.9
220	1.02	1.01	34.922	27.982	27.982	12.35	0.950	1457.2
230	1.02	1.01	34.924	27.983	27.984	12.23	0.962	1457.4
240	1.05	1.04	34.931	27.987	27.987	11.96	0.974	1457.7
250	1.04	1.03	34.937	27.992	27.993	11.49	0.986	1457.9
260	1.09	1.08	34.939	27.990	27.991	11.68	0.998	1458.2
270	1.08	1.06	34.942	27.994	27.995	11.37	1.009	1458.3
280	1.00	0.99	34.937	27.994	27.995	11.30	1.021	1458.2
290	1.02	1.01	34.943	27.999	28.000	10.93	1.032	1458.4
300	0.97	0.96	34.941	28.000	28.001	10.76	1.043	1458.3
310	0.98	0.97	34.945	28.002	28.003	10.62	1.053	1458.6
320	0.98	0.96	34.947	28.005	28.006	10.40	1.064	1458.7
330	0.94	0.92	34.945	28.006	28.007	10.31	1.074	1458.7
340	0.90	0.89	34.943	28.006	28.007	10.27	1.084	1458.7
350	0.86	0.85	34.941	28.007	28.008	10.15	1.095	1458.7
360	0.81	0.80	34.940	28.009	28.010	9.92	1.105	1458.6
370	0.78	0.76	34.934	28.007	28.008	10.14	1.115	1458.6
380	0.74	0.72	34.937	28.012	28.013	9.60	1.125	1458.6
390	0.68	0.66	34.932	28.012	28.013	9.61	1.134	1458.5
400	0.65	0.64	34.930	28.012	28.013	9.58	1.144	1458.5
410	0.60	0.58	34.928	28.013	28.015	9.40	1.153	1458.5
420	0.52	0.51	34.924	28.015	28.016	9.15	1.162	1458.3
430	0.48	0.46	34.923	28.017	28.018	8.97	1.172	1458.2
440	0.45	0.43	34.920	28.016	28.017	9.00	1.181	1458.3
450	0.43	0.41	34.917	28.015	28.016	9.10	1.190	1458.3
460	0.38	0.36	34.919	28.020	28.021	8.62	1.198	1458.3
470	0.35	0.33	34.917	28.019	28.020	8.63	1.207	1458.3
480	0.31	0.29	34.920	28.025	28.026	8.07	1.215	1458.3
490	0.29	0.27	34.916	28.022	28.023	8.28	1.224	1458.3

500	0.25	0.23	34.915	28.024	28.025	8.08	1.232	1458.3
510	0.21	0.18	34.914	28.025	28.026	7.90	1.240	1458.3
520	0.19	0.17	34.912	28.025	28.026	7.93	1.248	1458.4
530	0.18	0.16	34.912	28.025	28.027	7.84	1.256	1458.5
540	0.15	0.13	34.914	28.028	28.030	7.54	1.263	1458.5
550	0.14	0.11	34.912	28.028	28.029	7.57	1.271	1458.6
560	0.12	0.10	34.913	28.030	28.031	7.37	1.278	1458.7
570	0.10	0.07	34.911	28.030	28.031	7.34	1.286	1458.8
580	0.08	0.05	34.910	28.029	28.031	7.32	1.293	1458.8
590	0.05	0.03	34.910	28.031	28.032	7.12	1.300	1458.9
600	0.04	0.01	34.910	28.032	28.033	7.05	1.307	1459.0
610	0.02	-0.01	34.910	28.033	28.034	6.90	1.314	1459.1
620	0.00	-0.03	34.910	28.034	28.036	6.75	1.321	1459.1
630	-0.01	-0.04	34.909	28.034	28.035	6.77	1.328	1459.3
640	-0.03	-0.05	34.909	28.034	28.036	6.70	1.335	1459.5
650	-0.05	-0.08	34.908	28.035	28.036	6.59	1.341	1459.6
660	-0.07	-0.10	34.910	28.037	28.038	6.35	1.348	1459.8
670	-0.09	-0.11	34.909	28.038	28.039	6.25	1.354	1460.0
680	-0.11	-0.13	34.908	28.038	28.039	6.20	1.360	1460.1
690	-0.13	-0.16	34.909	28.039	28.041	6.00	1.366	1460.3
700	-0.15	-0.18	34.908	28.040	28.042	5.89	1.372	1460.5
710	-0.17	-0.20	34.908	28.041	28.042	5.77	1.378	1460.6
720	-0.18	-0.21	34.909	28.042	28.044	5.60	1.384	1460.8
730	-0.20	-0.23	34.908	28.043	28.044	5.55	1.389	1461.0
740	-0.21	-0.24	34.908	28.043	28.044	5.50	1.395	1461.1
750	-0.22	-0.25	34.909	28.044	28.046	5.33	1.400	1461.3
760	-0.23	-0.26	34.909	28.045	28.046	5.26	1.406	1461.5
770	-0.25	-0.28	34.910	28.046	28.048	5.06	1.411	1461.6
780	-0.28	-0.31	34.909	28.047	28.049	4.90	1.416	1461.8
790	-0.30	-0.33	34.908	28.047	28.049	4.84	1.421	1461.9
800	-0.31	-0.34	34.908	28.048	28.049	4.76	1.425	1462.1
810	-0.34	-0.37	34.908	28.049	28.051	4.57	1.430	1462.3
820	-0.36	-0.39	34.908	28.051	28.052	4.39	1.435	1462.4
830	-0.38	-0.41	34.908	28.051	28.053	4.28	1.439	1462.6
840	-0.39	-0.42	34.908	28.052	28.054	4.13	1.443	1462.8
850	-0.40	-0.43	34.910	28.054	28.056	3.93	1.447	1462.9
860	-0.41	-0.45	34.909	28.054	28.055	3.91	1.451	1463.1
870	-0.43	-0.47	34.908	28.054	28.056	3.84	1.455	1463.3
880	-0.44	-0.48	34.908	28.055	28.056	3.73	1.459	1463.4
890	-0.46	-0.49	34.909	28.056	28.058	3.57	1.462	1463.6
900	-0.47	-0.50	34.909	28.057	28.059	3.44	1.466	1463.8
910	-0.47	-0.51	34.910	28.057	28.059	3.37	1.469	1463.9
920	-0.48	-0.52	34.908	28.057	28.058	3.40	1.473	1464.1
930	-0.50	-0.54	34.907	28.056	28.058	3.35	1.476	1464.3
940	-0.52	-0.56	34.908	28.058	28.060	3.10	1.479	1464.4
950	-0.50	-0.54	34.910	28.059	28.061	3.08	1.482	1464.6
960	-0.53	-0.56	34.909	28.059	28.061	2.98	1.485	1464.8
970	-0.54	-0.58	34.907	28.058	28.060	3.01	1.488	1464.9
980	-0.53	-0.57	34.909	28.059	28.061	2.92	1.491	1465.1
990	-0.54	-0.58	34.911	28.062	28.063	2.69	1.494	1465.3
1000	-0.54	-0.59	34.911	28.061	28.063	2.66	1.497	1465.4
1010	-0.55	-0.60	34.911	28.062	28.064	2.57	1.499	1465.6
1020	-0.56	-0.60	34.911	28.062	28.064	2.51	1.502	1465.8
1030	-0.57	-0.61	34.912	28.063	28.065	2.37	1.504	1465.9

1040	-0.57	-0.61	34.912	28.063	28.065	2.35	1.507	1466.1
1050	-0.57	-0.62	34.914	28.065	28.067	2.16	1.509	1466.3
1060	-0.58	-0.63	34.915	28.066	28.068	2.00	1.511	1466.4
1070	-0.58	-0.63	34.915	28.066	28.068	1.98	1.513	1466.6
1080	-0.59	-0.63	34.913	28.066	28.068	2.00	1.515	1466.8
1090	-0.59	-0.64	34.915	28.067	28.069	1.87	1.517	1466.9
1100	-0.60	-0.65	34.914	28.067	28.069	1.81	1.519	1467.1
1110	-0.61	-0.65	34.915	28.068	28.070	1.73	1.521	1467.3
1120	-0.62	-0.66	34.915	28.068	28.070	1.65	1.522	1467.4
1130	-0.62	-0.66	34.915	28.068	28.071	1.60	1.524	1467.6
1140	-0.62	-0.67	34.915	28.069	28.071	1.52	1.525	1467.8
1150	-0.63	-0.68	34.915	28.069	28.071	1.44	1.527	1467.9
1160	-0.64	-0.69	34.915	28.069	28.071	1.41	1.528	1468.1
1170	-0.64	-0.69	34.915	28.069	28.072	1.34	1.530	1468.2
1180	-0.65	-0.70	34.915	28.070	28.072	1.28	1.531	1468.4
1190	-0.66	-0.71	34.917	28.071	28.074	1.10	1.532	1468.6
1200	-0.66	-0.71	34.916	28.071	28.073	1.14	1.533	1468.7
1210	-0.67	-0.72	34.915	28.070	28.072	1.14	1.535	1468.9
1220	-0.67	-0.72	34.917	28.072	28.074	0.95	1.536	1469.1
1240	-0.68	-0.73	34.915	28.071	28.074	0.92	1.537	1469.4
1250	-0.69	-0.74	34.915	28.071	28.074	0.86	1.538	1469.6
1260	-0.70	-0.76	34.915	28.072	28.074	0.77	1.539	1469.7
1270	-0.72	-0.77	34.915	28.072	28.075	0.63	1.540	1469.9
1280	-0.72	-0.78	34.914	28.072	28.075	0.61	1.540	1470.1
1290	-0.73	-0.78	34.914	28.073	28.075	0.53	1.541	1470.2
1300	-0.73	-0.79	34.915	28.073	28.075	0.46	1.542	1470.4
1310	-0.74	-0.80	34.915	28.074	28.076	0.33	1.542	1470.6
1320	-0.75	-0.81	34.914	28.073	28.076	0.32	1.542	1470.7
1330	-0.76	-0.81	34.914	28.074	28.076	0.24	1.543	1470.9
1340	-0.76	-0.82	34.913	28.073	28.076	0.26	1.543	1471.1
1350	-0.76	-0.82	34.914	28.073	28.076	0.22	1.543	1471.2
1360	-0.76	-0.81	34.915	28.074	28.077	0.17	1.543	1471.4
1370	-0.76	-0.82	34.914	28.074	28.076	0.12	1.543	1471.6
1380	-0.77	-0.83	34.915	28.075	28.077	0.01	1.543	1471.7
1390	-0.77	-0.83	34.915	28.075	28.078	-0.03	1.543	1471.9
1400	-0.78	-0.84	34.914	28.075	28.077	-0.07	1.543	1472.1
1410	-0.78	-0.84	34.914	28.075	28.078	-0.16	1.543	1472.2
1420	-0.79	-0.85	34.913	28.074	28.077	-0.07	1.543	1472.4
1430	-0.79	-0.85	34.914	28.075	28.078	-0.21	1.543	1472.6
1440	-0.79	-0.85	34.914	28.075	28.077	-0.18	1.543	1472.7
1450	-0.80	-0.86	34.914	28.076	28.078	-0.32	1.543	1472.9
1460	-0.81	-0.87	34.915	28.076	28.079	-0.45	1.542	1473.1
1470	-0.81	-0.87	34.914	28.076	28.079	-0.45	1.542	1473.2
1480	-0.81	-0.88	34.914	28.076	28.079	-0.51	1.541	1473.4
1490	-0.81	-0.88	34.916	28.077	28.080	-0.64	1.541	1473.6
1500	-0.82	-0.88	34.915	28.077	28.080	-0.66	1.540	1473.8
1510	-0.82	-0.89	34.915	28.077	28.080	-0.69	1.539	1473.9
1520	-0.82	-0.89	34.915	28.077	28.080	-0.72	1.539	1474.1
1530	-0.82	-0.89	34.915	28.077	28.080	-0.75	1.538	1474.3
1540	-0.83	-0.89	34.915	28.077	28.080	-0.80	1.537	1474.4
1550	-0.83	-0.90	34.914	28.077	28.079	-0.78	1.536	1474.6
1560	-0.84	-0.90	34.914	28.077	28.080	-0.85	1.535	1474.8
1570	-0.84	-0.91	34.915	28.078	28.081	-0.96	1.535	1474.9
1580	-0.84	-0.91	34.915	28.078	28.081	-1.01	1.534	1475.1

1590	-0.85	-0.92	34.915	28.078	28.081	-1.10	1.533	1475.3
1600	-0.85	-0.92	34.915	28.079	28.082	-1.15	1.531	1475.4
1610	-0.85	-0.92	34.914	28.078	28.081	-1.11	1.530	1475.6
1620	-0.85	-0.92	34.914	28.078	28.081	-1.16	1.529	1475.8
1630	-0.85	-0.93	34.915	28.079	28.082	-1.25	1.528	1475.9
1640	-0.86	-0.93	34.914	28.078	28.081	-1.22	1.527	1476.1
1650	-0.86	-0.93	34.914	28.078	28.081	-1.29	1.525	1476.3
1660	-0.86	-0.94	34.915	28.079	28.082	-1.39	1.524	1476.4
1670	-0.87	-0.94	34.915	28.079	28.082	-1.39	1.523	1476.6
1680	-0.87	-0.95	34.914	28.078	28.082	-1.43	1.521	1476.8
1690	-0.88	-0.95	34.914	28.079	28.082	-1.51	1.520	1476.9
1700	-0.88	-0.96	34.915	28.080	28.083	-1.62	1.518	1477.1
1710	-0.88	-0.96	34.914	28.079	28.082	-1.61	1.517	1477.3
1720	-0.89	-0.96	34.916	28.081	28.084	-1.78	1.515	1477.4
1730	-0.89	-0.97	34.915	28.080	28.083	-1.73	1.513	1477.6
1740	-0.89	-0.97	34.914	28.079	28.082	-1.69	1.512	1477.8
1750	-0.89	-0.97	34.915	28.080	28.083	-1.83	1.510	1477.9
1760	-0.89	-0.97	34.915	28.080	28.083	-1.80	1.508	1478.1
1770	-0.89	-0.97	34.914	28.079	28.082	-1.76	1.506	1478.3
1780	-0.90	-0.98	34.916	28.081	28.084	-1.99	1.504	1478.4
1790	-0.90	-0.98	34.915	28.081	28.084	-2.02	1.502	1478.6
1800	-0.91	-0.99	34.915	28.081	28.084	-2.06	1.500	1478.8
1810	-0.91	-0.99	34.914	28.080	28.084	-2.06	1.498	1478.9
1820	-0.91	-0.99	34.915	28.081	28.084	-2.14	1.496	1479.1
1830	-0.91	-0.99	34.914	28.080	28.083	-2.09	1.494	1479.3
1840	-0.91	-1.00	34.914	28.080	28.084	-2.16	1.492	1479.5
1850	-0.91	-1.00	34.913	28.080	28.083	-2.12	1.490	1479.6
1860	-0.92	-1.00	34.914	28.081	28.084	-2.26	1.488	1479.8
1870	-0.92	-1.01	34.912	28.079	28.083	-2.18	1.485	1480.0
1880	-0.92	-1.01	34.913	28.080	28.084	-2.31	1.483	1480.1
1890	-0.93	-1.01	34.914	28.081	28.085	-2.41	1.481	1480.3
1900	-0.93	-1.01	34.913	28.080	28.084	-2.34	1.478	1480.5
1910	-0.93	-1.01	34.912	28.079	28.083	-2.28	1.476	1480.6
1920	-0.93	-1.02	34.914	28.081	28.085	-2.50	1.474	1480.8
1930	-0.93	-1.02	34.913	28.080	28.084	-2.45	1.471	1481.0
1940	-0.93	-1.02	34.914	28.081	28.085	-2.57	1.469	1481.1
1950	-0.94	-1.03	34.913	28.081	28.084	-2.56	1.466	1481.3
1960	-0.94	-1.03	34.914	28.081	28.085	-2.67	1.463	1481.5
1970	-0.94	-1.03	34.913	28.081	28.085	-2.67	1.461	1481.6
1980	-0.94	-1.03	34.912	28.080	28.083	-2.58	1.458	1481.8
1990	-0.94	-1.04	34.912	28.080	28.084	-2.67	1.456	1482.0
2000	-0.95	-1.04	34.913	28.081	28.084	-2.75	1.453	1482.1
2010	-0.95	-1.04	34.914	28.081	28.085	-2.84	1.450	1482.3
2020	-0.95	-1.04	34.913	28.081	28.085	-2.84	1.447	1482.5
2030	-0.95	-1.04	34.913	28.081	28.084	-2.83	1.444	1482.7
2040	-0.95	-1.04	34.914	28.081	28.085	-2.93	1.441	1482.8
2050	-0.95	-1.04	34.914	28.082	28.086	-2.99	1.439	1483.0
2060	-0.95	-1.05	34.913	28.081	28.085	-2.94	1.436	1483.2
2070	-0.95	-1.05	34.914	28.082	28.086	-3.06	1.433	1483.3
2080	-0.95	-1.05	34.913	28.081	28.085	-3.03	1.429	1483.5
2090	-0.96	-1.06	34.913	28.082	28.086	-3.14	1.426	1483.7
2100	-0.96	-1.06	34.913	28.082	28.086	-3.16	1.423	1483.8
2110	-0.96	-1.06	34.915	28.083	28.087	-3.35	1.420	1484.0
2120	-0.96	-1.06	34.912	28.081	28.085	-3.16	1.417	1484.2

2130	-0.96	-1.06	34.913	28.082	28.086	-3.24	1.414	1484.3
2140	-0.96	-1.06	34.913	28.082	28.086	-3.26	1.410	1484.5
2150	-0.96	-1.07	34.913	28.082	28.086	-3.31	1.407	1484.7
2160	-0.97	-1.07	34.913	28.082	28.086	-3.36	1.404	1484.8
2170	-0.97	-1.07	34.912	28.081	28.085	-3.32	1.400	1485.0
2180	-0.97	-1.08	34.912	28.081	28.085	-3.38	1.397	1485.2
2190	-0.98	-1.08	34.911	28.080	28.084	-3.36	1.394	1485.4
2200	-0.98	-1.08	34.911	28.080	28.084	-3.40	1.390	1485.5
2210	-0.98	-1.09	34.912	28.082	28.086	-3.54	1.387	1485.7
2220	-0.98	-1.09	34.912	28.081	28.085	-3.52	1.383	1485.9
2230	-0.98	-1.09	34.912	28.082	28.086	-3.61	1.380	1486.0
2240	-0.99	-1.09	34.912	28.081	28.085	-3.61	1.376	1486.2
2250	-0.99	-1.09	34.911	28.081	28.085	-3.59	1.372	1486.4
2260	-0.99	-1.10	34.910	28.080	28.085	-3.61	1.369	1486.5
2270	-0.99	-1.10	34.909	28.080	28.084	-3.58	1.365	1486.7
2280	-0.99	-1.10	34.910	28.080	28.084	-3.63	1.362	1486.9
2290	-0.99	-1.10	34.911	28.081	28.085	-3.73	1.358	1487.0
2300	-0.99	-1.11	34.911	28.081	28.085	-3.78	1.354	1487.2
2310	-1.00	-1.11	34.911	28.081	28.085	-3.84	1.350	1487.4
2320	-1.00	-1.11	34.910	28.080	28.085	-3.81	1.347	1487.6
2330	-1.00	-1.12	34.909	28.079	28.084	-3.79	1.343	1487.7
2340	-1.01	-1.12	34.909	28.080	28.084	-3.90	1.339	1487.9
2350	-1.01	-1.12	34.909	28.080	28.085	-3.96	1.335	1488.1
2360	-1.01	-1.13	34.909	28.080	28.085	-3.99	1.331	1488.2
2370	-1.02	-1.13	34.908	28.080	28.084	-4.01	1.327	1488.4
2380	-1.02	-1.14	34.908	28.080	28.084	-4.02	1.323	1488.6
2390	-1.02	-1.14	34.906	28.078	28.083	-3.94	1.319	1488.7
2400	-1.02	-1.14	34.906	28.078	28.083	-3.98	1.315	1488.9
2410	-1.03	-1.14	34.906	28.079	28.083	-4.06	1.311	1489.1
2420	-1.03	-1.15	34.907	28.079	28.084	-4.17	1.307	1489.2
2430	-1.03	-1.15	34.908	28.080	28.085	-4.25	1.303	1489.4
2440	-1.03	-1.15	34.908	28.080	28.085	-4.31	1.298	1489.6
2450	-1.03	-1.15	34.907	28.080	28.084	-4.32	1.294	1489.8
2460	-1.04	-1.16	34.906	28.079	28.084	-4.31	1.290	1489.9
2470	-1.04	-1.16	34.905	28.078	28.083	-4.28	1.286	1490.1
2480	-1.04	-1.17	34.906	28.079	28.084	-4.40	1.281	1490.3
2490	-1.04	-1.17	34.905	28.078	28.083	-4.36	1.277	1490.4

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	3.31	3.31	33.734	26.846	26.846	119.39	0.060	1462.2
10	3.31	3.31	33.728	26.842	26.842	119.86	0.120	1462.2
20	2.86	2.85	34.226	27.280	27.281	78.32	0.219	1461.1
29	-1.18	-1.18	34.342	27.627	27.627	45.28	0.274	1448.7
40	-0.71	-0.71	34.528	27.759	27.759	32.80	0.317	1449.2
50	-0.10	-0.11	34.638	27.820	27.820	27.10	0.347	1449.5
60	0.19	0.18	34.715	27.866	27.866	22.76	0.372	1450.6
70	0.91	0.91	34.823	27.909	27.909	18.83	0.393	1454.2
80	1.04	1.03	34.846	27.919	27.919	17.91	0.411	1454.9
90	0.88	0.87	34.857	27.939	27.939	16.05	0.428	1454.4
100	1.24	1.24	34.911	27.957	27.957	14.45	0.443	1456.3
110	1.24	1.23	34.915	27.961	27.961	14.10	0.458	1456.4
120	1.23	1.23	34.917	27.963	27.964	13.91	0.472	1456.6
130	1.21	1.21	34.921	27.967	27.968	13.57	0.485	1456.6
140	1.20	1.19	34.926	27.973	27.973	13.09	0.499	1456.7
150	1.17	1.17	34.928	27.976	27.977	12.76	0.512	1456.8
160	1.03	1.02	34.921	27.981	27.981	12.30	0.524	1456.3
170	1.06	1.05	34.929	27.984	27.985	11.99	0.536	1456.6
180	0.82	0.81	34.909	27.984	27.985	11.91	0.548	1455.7
190	0.62	0.61	34.897	27.987	27.988	11.55	0.560	1454.9
200	0.54	0.53	34.892	27.989	27.989	11.38	0.572	1454.7
210	0.50	0.49	34.889	27.989	27.989	11.38	0.583	1454.7
220	0.45	0.44	34.890	27.992	27.993	11.02	0.594	1454.6
230	0.43	0.42	34.889	27.993	27.994	10.95	0.605	1454.7
240	0.39	0.38	34.888	27.993	27.994	10.90	0.616	1454.7
250	0.38	0.36	34.888	27.995	27.995	10.77	0.627	1454.8
260	0.35	0.34	34.887	27.995	27.996	10.70	0.638	1454.8
270	0.34	0.33	34.888	27.997	27.998	10.52	0.648	1454.9
280	0.31	0.30	34.887	27.998	27.998	10.46	0.659	1455.0
290	0.31	0.30	34.887	27.998	27.998	10.46	0.669	1455.1
300	0.30	0.29	34.889	28.000	28.001	10.27	0.680	1455.2
309	0.31	0.29	34.889	27.999	28.000	10.33	0.689	1455.4
320	0.41	0.39	34.900	28.003	28.004	10.08	0.700	1456.1
331	0.75	0.74	34.933	28.008	28.009	9.93	0.711	1457.9
340	0.72	0.71	34.933	28.009	28.010	9.78	0.720	1457.9
350	0.66	0.65	34.929	28.011	28.012	9.63	0.730	1457.8
360	0.60	0.59	34.926	28.012	28.013	9.47	0.739	1457.7
370	0.53	0.51	34.922	28.013	28.014	9.29	0.749	1457.5
379	0.44	0.43	34.915	28.012	28.013	9.31	0.757	1457.2
390	0.25	0.23	34.912	28.022	28.023	8.22	0.767	1456.5
400	0.25	0.23	34.906	28.017	28.018	8.68	0.775	1456.7
410	0.23	0.21	34.905	28.017	28.018	8.61	0.784	1456.7
420	0.20	0.18	34.906	28.020	28.021	8.37	0.792	1456.8
430	0.19	0.17	34.907	28.021	28.022	8.23	0.800	1456.9
440	0.20	0.18	34.911	28.023	28.024	8.04	0.809	1457.1
450	0.18	0.16	34.911	28.024	28.026	7.90	0.817	1457.2
460	0.18	0.16	34.912	28.025	28.026	7.83	0.824	1457.4
470	0.15	0.13	34.914	28.029	28.030	7.47	0.832	1457.4
480	0.18	0.16	34.916	28.029	28.030	7.52	0.840	1457.7
490	0.17	0.15	34.916	28.029	28.030	7.45	0.847	1457.8

500	0.18	0.16	34.917	28.030	28.031	7.41	0.854	1458.0
510	0.17	0.15	34.918	28.031	28.032	7.33	0.862	1458.1
520	0.12	0.10	34.915	28.031	28.032	7.22	0.869	1458.1
530	0.08	0.06	34.912	28.031	28.033	7.14	0.876	1458.0
540	0.08	0.05	34.914	28.032	28.034	7.03	0.883	1458.2
550	0.06	0.04	34.913	28.032	28.034	7.02	0.890	1458.3
560	0.03	0.00	34.913	28.034	28.036	6.78	0.897	1458.3
569	0.01	-0.01	34.912	28.035	28.036	6.74	0.903	1458.4
580	0.00	-0.02	34.911	28.035	28.036	6.72	0.910	1458.5
590	-0.01	-0.04	34.910	28.034	28.036	6.71	0.916	1458.7
600	-0.03	-0.05	34.911	28.036	28.037	6.58	0.923	1458.8
610	-0.03	-0.06	34.913	28.038	28.040	6.32	0.930	1459.0
620	-0.05	-0.07	34.913	28.039	28.040	6.24	0.936	1459.2
630	-0.08	-0.10	34.912	28.039	28.041	6.13	0.942	1459.3
640	-0.11	-0.14	34.913	28.042	28.044	5.80	0.948	1459.5
650	-0.13	-0.16	34.912	28.042	28.044	5.75	0.954	1459.6
660	-0.15	-0.18	34.912	28.044	28.045	5.57	0.959	1459.8
670	-0.17	-0.20	34.913	28.045	28.046	5.40	0.965	1460.0
680	-0.19	-0.21	34.912	28.045	28.047	5.34	0.970	1460.1
690	-0.22	-0.25	34.911	28.046	28.047	5.22	0.976	1460.3
700	-0.24	-0.27	34.912	28.048	28.049	5.01	0.981	1460.5
710	-0.26	-0.29	34.912	28.049	28.050	4.86	0.986	1460.6
720	-0.27	-0.29	34.911	28.048	28.050	4.87	0.990	1460.8
730	-0.28	-0.31	34.911	28.049	28.051	4.76	0.995	1461.0
740	-0.30	-0.33	34.911	28.050	28.052	4.61	1.000	1461.1
750	-0.32	-0.35	34.914	28.054	28.055	4.25	1.004	1461.3
760	-0.34	-0.37	34.910	28.051	28.052	4.45	1.009	1461.5
770	-0.35	-0.38	34.911	28.053	28.054	4.24	1.013	1461.6
780	-0.37	-0.40	34.911	28.054	28.055	4.12	1.017	1461.8
790	-0.39	-0.42	34.911	28.054	28.056	4.01	1.021	1462.0
800	-0.40	-0.43	34.910	28.054	28.055	4.01	1.025	1462.1
810	-0.42	-0.45	34.909	28.054	28.055	3.95	1.029	1462.3
820	-0.43	-0.46	34.910	28.055	28.057	3.82	1.033	1462.4
830	-0.45	-0.49	34.910	28.057	28.058	3.59	1.037	1462.6
840	-0.46	-0.49	34.909	28.056	28.058	3.62	1.040	1462.8
850	-0.47	-0.50	34.909	28.057	28.058	3.53	1.044	1462.9
860	-0.48	-0.51	34.909	28.057	28.059	3.45	1.048	1463.1
870	-0.49	-0.52	34.910	28.058	28.060	3.28	1.051	1463.3
880	-0.50	-0.54	34.909	28.058	28.060	3.25	1.054	1463.4
890	-0.52	-0.56	34.911	28.060	28.062	3.00	1.057	1463.6
900	-0.54	-0.57	34.910	28.060	28.062	2.96	1.060	1463.8
910	-0.54	-0.57	34.910	28.061	28.062	2.91	1.063	1463.9
920	-0.55	-0.58	34.911	28.062	28.064	2.72	1.066	1464.1
930	-0.55	-0.59	34.912	28.063	28.064	2.63	1.069	1464.3
940	-0.56	-0.60	34.911	28.063	28.064	2.61	1.071	1464.4
950	-0.57	-0.60	34.912	28.063	28.065	2.51	1.074	1464.6
960	-0.57	-0.61	34.912	28.064	28.066	2.43	1.076	1464.8
970	-0.57	-0.61	34.912	28.064	28.066	2.39	1.079	1464.9
980	-0.58	-0.62	34.914	28.065	28.067	2.24	1.081	1465.1
990	-0.58	-0.62	34.911	28.064	28.065	2.38	1.083	1465.3
1000	-0.60	-0.64	34.913	28.066	28.068	2.13	1.086	1465.4
1010	-0.60	-0.64	34.913	28.066	28.068	2.06	1.088	1465.6
1020	-0.60	-0.64	34.914	28.067	28.068	2.01	1.090	1465.8
1030	-0.61	-0.66	34.915	28.068	28.070	1.81	1.092	1465.9

1040	-0.63	-0.67	34.912	28.067	28.069	1.87	1.094	1466.1
1050	-0.64	-0.68	34.915	28.069	28.071	1.60	1.095	1466.3
1060	-0.65	-0.69	34.914	28.069	28.071	1.58	1.097	1466.4
1070	-0.65	-0.70	34.914	28.069	28.071	1.56	1.098	1466.6
1080	-0.66	-0.70	34.913	28.068	28.070	1.57	1.100	1466.8
1090	-0.66	-0.71	34.914	28.069	28.071	1.44	1.101	1466.9
1100	-0.67	-0.71	34.915	28.071	28.073	1.26	1.103	1467.1
1110	-0.67	-0.72	34.916	28.071	28.073	1.18	1.104	1467.3
1120	-0.68	-0.73	34.916	28.072	28.074	1.08	1.105	1467.4
1130	-0.68	-0.73	34.914	28.071	28.073	1.17	1.106	1467.6
1140	-0.69	-0.73	34.914	28.071	28.073	1.12	1.107	1467.8
1150	-0.69	-0.74	34.916	28.073	28.075	0.93	1.108	1467.9
1160	-0.70	-0.74	34.916	28.073	28.075	0.89	1.109	1468.1
1170	-0.70	-0.75	34.916	28.073	28.075	0.88	1.110	1468.3
1180	-0.70	-0.75	34.918	28.075	28.077	0.66	1.111	1468.4
1190	-0.70	-0.75	34.916	28.073	28.075	0.79	1.112	1468.6
1200	-0.71	-0.76	34.918	28.075	28.077	0.58	1.112	1468.8
1210	-0.71	-0.76	34.917	28.074	28.076	0.63	1.113	1468.9
1220	-0.71	-0.76	34.917	28.074	28.076	0.58	1.114	1469.1
1230	-0.71	-0.77	34.917	28.074	28.076	0.56	1.114	1469.2
1240	-0.72	-0.77	34.918	28.076	28.078	0.41	1.115	1469.4
1250	-0.72	-0.77	34.917	28.074	28.077	0.49	1.115	1469.6

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	3.00	3.00	34.400	27.407	27.407	66.26	0.033	1461.7
10	3.00	3.00	34.400	27.406	27.406	66.33	0.066	1461.8
20	2.97	2.97	34.403	27.411	27.411	65.94	0.132	1461.8
30	2.17	2.17	34.415	27.489	27.489	58.58	0.195	1458.6
40	0.08	0.08	34.627	27.801	27.801	28.86	0.238	1449.6
50	-0.13	-0.13	34.684	27.858	27.858	23.42	0.265	1449.5
60	0.02	0.02	34.747	27.901	27.901	19.45	0.286	1449.9
70	0.03	0.03	34.758	27.910	27.910	18.59	0.305	1450.1
80	-0.01	-0.02	34.773	27.924	27.924	17.22	0.323	1450.1
90	0.00	0.00	34.789	27.936	27.936	16.13	0.340	1450.3
101	-0.01	-0.02	34.802	27.947	27.947	15.04	0.357	1450.5
110	-0.04	-0.04	34.810	27.955	27.955	14.27	0.370	1450.7
120	-0.06	-0.06	34.823	27.966	27.966	13.21	0.384	1450.9
130	-0.06	-0.06	34.830	27.972	27.972	12.69	0.397	1451.0
140	-0.05	-0.05	34.840	27.979	27.980	11.97	0.409	1451.2
150	-0.03	-0.03	34.849	27.986	27.986	11.38	0.421	1451.4
160	-0.02	-0.03	34.848	27.985	27.986	11.41	0.432	1451.5
170	-0.02	-0.02	34.853	27.989	27.989	11.09	0.443	1451.7
180	0.00	-0.01	34.858	27.992	27.992	10.81	0.454	1451.9
190	0.10	0.09	34.870	27.996	27.996	10.49	0.465	1452.5
200	0.10	0.09	34.870	27.996	27.997	10.44	0.475	1452.7
210	0.07	0.06	34.863	27.992	27.992	10.84	0.486	1452.7
220	0.03	0.02	34.870	28.000	28.000	10.05	0.496	1452.7
230	0.02	0.01	34.868	27.998	27.999	10.17	0.507	1452.8
240	-0.04	-0.05	34.869	28.003	28.003	9.72	0.516	1452.9
250	-0.03	-0.04	34.871	28.004	28.005	9.59	0.526	1453.0
260	-0.01	-0.02	34.871	28.002	28.003	9.78	0.536	1453.2
270	0.13	0.12	34.891	28.011	28.012	9.05	0.545	1454.0
280	0.15	0.14	34.899	28.016	28.017	8.59	0.554	1454.3
290	0.26	0.25	34.909	28.018	28.019	8.48	0.563	1454.9
300	0.30	0.28	34.910	28.017	28.018	8.64	0.571	1455.3
310	0.31	0.30	34.913	28.018	28.019	8.53	0.580	1455.5
320	0.29	0.27	34.914	28.021	28.022	8.30	0.588	1455.5
330	0.29	0.27	34.913	28.020	28.021	8.38	0.596	1455.7
340	0.25	0.23	34.911	28.021	28.021	8.28	0.605	1455.7
351	0.20	0.18	34.913	28.025	28.026	7.82	0.614	1455.7
360	0.19	0.18	34.913	28.025	28.026	7.79	0.621	1455.8
370	0.16	0.14	34.910	28.025	28.026	7.81	0.628	1455.8
380	0.13	0.12	34.910	28.027	28.028	7.62	0.636	1455.8
390	0.11	0.10	34.915	28.031	28.032	7.15	0.644	1455.9
400	0.08	0.07	34.912	28.031	28.032	7.20	0.651	1455.9
410	0.07	0.05	34.912	28.032	28.033	7.07	0.658	1456.0
420	0.05	0.03	34.913	28.034	28.035	6.87	0.665	1456.1
430	0.03	0.02	34.913	28.034	28.035	6.80	0.672	1456.2
440	0.00	-0.02	34.913	28.036	28.037	6.60	0.678	1456.2
450	-0.05	-0.07	34.909	28.036	28.037	6.55	0.685	1456.4
460	-0.11	-0.13	34.909	28.038	28.039	6.24	0.691	1456.5
470	-0.13	-0.15	34.908	28.039	28.040	6.15	0.698	1456.7
480	-0.14	-0.16	34.910	28.041	28.042	5.97	0.704	1456.8
490	-0.14	-0.16	34.910	28.041	28.042	5.93	0.710	1457.0

500	-0.16	-0.18	34.913	28.045	28.046	5.52	0.715	1457.2
510	-0.18	-0.20	34.911	28.044	28.045	5.62	0.721	1457.3
520	-0.19	-0.21	34.912	28.045	28.046	5.44	0.726	1457.5
530	-0.20	-0.22	34.914	28.047	28.048	5.25	0.732	1457.7
540	-0.22	-0.24	34.913	28.048	28.049	5.18	0.737	1457.8
550	-0.23	-0.26	34.913	28.048	28.049	5.07	0.742	1458.0
560	-0.24	-0.26	34.914	28.049	28.051	4.95	0.747	1458.2
570	-0.26	-0.28	34.913	28.049	28.051	4.91	0.752	1458.3
580	-0.27	-0.30	34.913	28.051	28.052	4.78	0.757	1458.5
590	-0.30	-0.32	34.912	28.051	28.052	4.70	0.762	1458.7
600	-0.31	-0.33	34.913	28.052	28.053	4.59	0.766	1458.8
610	-0.32	-0.34	34.914	28.053	28.055	4.41	0.771	1459.0
620	-0.34	-0.36	34.913	28.054	28.055	4.33	0.775	1459.2
630	-0.35	-0.37	34.914	28.055	28.056	4.21	0.779	1459.3
640	-0.35	-0.37	34.914	28.055	28.056	4.18	0.784	1459.5
650	-0.36	-0.39	34.914	28.055	28.056	4.13	0.788	1459.6
660	-0.37	-0.39	34.915	28.057	28.058	3.95	0.792	1459.8
670	-0.39	-0.42	34.915	28.058	28.059	3.79	0.796	1460.0
680	-0.39	-0.42	34.914	28.057	28.058	3.90	0.799	1460.1
690	-0.39	-0.42	34.915	28.057	28.059	3.81	0.803	1460.3
700	-0.41	-0.43	34.916	28.059	28.060	3.64	0.807	1460.5
710	-0.41	-0.44	34.914	28.058	28.059	3.73	0.811	1460.6
720	-0.42	-0.45	34.916	28.060	28.061	3.50	0.814	1460.8
730	-0.43	-0.46	34.915	28.060	28.061	3.48	0.818	1461.0
740	-0.44	-0.47	34.914	28.059	28.061	3.48	0.821	1461.1
750	-0.44	-0.47	34.916	28.061	28.062	3.32	0.825	1461.3
760	-0.45	-0.48	34.915	28.060	28.062	3.36	0.828	1461.5
770	-0.46	-0.49	34.916	28.062	28.063	3.20	0.831	1461.6
780	-0.47	-0.50	34.915	28.062	28.063	3.15	0.835	1461.8
790	-0.48	-0.51	34.916	28.063	28.065	2.97	0.838	1462.0
800	-0.50	-0.53	34.914	28.062	28.064	3.01	0.841	1462.1
810	-0.52	-0.55	34.916	28.065	28.066	2.72	0.843	1462.3
820	-0.52	-0.55	34.917	28.065	28.067	2.65	0.846	1462.5
830	-0.54	-0.57	34.916	28.065	28.067	2.57	0.849	1462.6
840	-0.54	-0.58	34.917	28.066	28.068	2.46	0.851	1462.8
850	-0.56	-0.59	34.916	28.066	28.068	2.40	0.854	1462.9
860	-0.56	-0.60	34.917	28.068	28.069	2.26	0.856	1463.1
870	-0.57	-0.60	34.915	28.066	28.068	2.35	0.858	1463.3
880	-0.58	-0.61	34.916	28.068	28.069	2.20	0.861	1463.4
890	-0.59	-0.62	34.916	28.068	28.069	2.14	0.863	1463.6
900	-0.60	-0.64	34.916	28.069	28.070	2.00	0.865	1463.8
910	-0.60	-0.64	34.917	28.069	28.071	1.91	0.867	1463.9
920	-0.61	-0.65	34.917	28.069	28.071	1.90	0.869	1464.1
930	-0.62	-0.65	34.918	28.071	28.073	1.70	0.870	1464.3
940	-0.62	-0.65	34.918	28.071	28.072	1.71	0.872	1464.4
950	-0.62	-0.66	34.917	28.070	28.072	1.74	0.874	1464.6

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
4	4.54	4.54	34.400	27.252	27.252	80.98	0.032	1468.2
10	4.56	4.56	34.390	27.242	27.242	81.98	0.081	1468.3
20	4.55	4.54	34.401	27.252	27.252	81.10	0.163	1468.4
30	4.55	4.55	34.392	27.244	27.244	81.99	0.244	1468.6
40	4.54	4.53	34.402	27.253	27.253	81.19	0.326	1468.7
50	1.45	1.45	34.599	27.692	27.692	39.39	0.386	1456.0
60	0.28	0.28	34.657	27.814	27.814	27.66	0.420	1450.9
70	-0.18	-0.19	34.675	27.854	27.854	23.85	0.446	1449.8
80	-0.26	-0.26	34.701	27.879	27.879	21.46	0.468	1450.0
90	-0.28	-0.28	34.765	27.931	27.931	16.47	0.487	1450.3
100	-0.17	-0.18	34.790	27.946	27.946	15.08	0.503	1450.5
110	-0.18	-0.19	34.804	27.958	27.958	13.98	0.517	1450.7
120	-0.21	-0.21	34.807	27.961	27.961	13.62	0.531	1450.8
130	-0.24	-0.24	34.814	27.968	27.969	12.93	0.545	1451.0
140	-0.27	-0.28	34.819	27.974	27.975	12.34	0.557	1451.2
150	-0.12	-0.13	34.838	27.982	27.982	11.67	0.569	1451.4
160	-0.07	-0.08	34.847	27.986	27.987	11.29	0.581	1451.5
170	-0.07	-0.07	34.850	27.988	27.989	11.09	0.592	1451.7
180	-0.06	-0.07	34.851	27.989	27.990	11.00	0.603	1451.9
190	-0.06	-0.07	34.854	27.992	27.992	10.76	0.614	1452.0
200	-0.05	-0.06	34.856	27.993	27.993	10.65	0.624	1452.2
210	-0.07	-0.08	34.858	27.995	27.996	10.43	0.635	1452.4
220	-0.07	-0.08	34.860	27.997	27.998	10.22	0.645	1452.5
230	-0.06	-0.07	34.865	28.001	28.001	9.92	0.655	1452.7
240	-0.06	-0.07	34.866	28.002	28.002	9.82	0.665	1452.9
251	-0.03	-0.04	34.871	28.003	28.004	9.66	0.676	1453.1
260	0.00	-0.01	34.880	28.010	28.010	9.10	0.684	1453.2
270	0.05	0.04	34.886	28.011	28.012	8.97	0.693	1453.6
280	0.09	0.08	34.891	28.014	28.014	8.78	0.702	1454.0
290	0.11	0.10	34.895	28.016	28.017	8.59	0.711	1454.2
300	0.13	0.12	34.897	28.016	28.017	8.60	0.720	1454.5
310	0.17	0.16	34.904	28.019	28.020	8.32	0.728	1454.9
320	0.18	0.17	34.906	28.020	28.021	8.28	0.736	1455.1
329	0.18	0.17	34.906	28.021	28.022	8.20	0.743	1455.2
340	0.13	0.11	34.905	28.022	28.023	8.01	0.752	1455.1
350	0.11	0.09	34.905	28.024	28.025	7.82	0.760	1455.2
360	0.09	0.08	34.908	28.027	28.028	7.57	0.768	1455.3
370	0.08	0.07	34.908	28.028	28.028	7.48	0.775	1455.4
380	0.07	0.05	34.908	28.029	28.030	7.36	0.783	1455.5
390	0.06	0.04	34.911	28.031	28.032	7.13	0.790	1455.6
400	0.03	0.01	34.913	28.035	28.036	6.72	0.797	1455.7
410	0.02	0.00	34.911	28.033	28.034	6.87	0.804	1455.8
420	-0.01	-0.03	34.907	28.032	28.033	6.97	0.811	1455.9
430	-0.04	-0.05	34.909	28.035	28.036	6.68	0.817	1456.0
440	-0.05	-0.07	34.910	28.037	28.038	6.47	0.824	1456.2
450	-0.04	-0.06	34.913	28.038	28.039	6.33	0.830	1456.4
459	-0.04	-0.06	34.907	28.033	28.034	6.80	0.836	1456.5
470	-0.08	-0.10	34.909	28.037	28.038	6.40	0.844	1456.7
481	-0.09	-0.11	34.913	28.041	28.042	6.03	0.850	1456.9
491	-0.11	-0.13	34.912	28.041	28.042	5.94	0.856	1457.0

500	-0.14	-0.16	34.914	28.044	28.045	5.64	0.862	1457.2
510	-0.15	-0.17	34.914	28.045	28.046	5.53	0.867	1457.3
520	-0.17	-0.19	34.915	28.047	28.048	5.32	0.873	1457.5
530	-0.19	-0.21	34.916	28.048	28.049	5.17	0.878	1457.7
540	-0.22	-0.24	34.913	28.047	28.048	5.19	0.883	1457.8
550	-0.25	-0.27	34.914	28.050	28.051	4.90	0.888	1458.0
560	-0.27	-0.29	34.914	28.050	28.051	4.82	0.893	1458.2
570	-0.29	-0.31	34.915	28.052	28.054	4.58	0.898	1458.3
580	-0.31	-0.33	34.915	28.054	28.055	4.43	0.902	1458.5
590	-0.32	-0.34	34.915	28.054	28.055	4.38	0.907	1458.7
600	-0.33	-0.36	34.913	28.053	28.054	4.40	0.911	1458.8
610	-0.34	-0.37	34.914	28.055	28.056	4.24	0.915	1459.0
620	-0.37	-0.39	34.914	28.056	28.057	4.07	0.919	1459.2
630	-0.37	-0.40	34.914	28.056	28.057	4.04	0.923	1459.3
640	-0.38	-0.41	34.915	28.057	28.058	3.90	0.927	1459.5
650	-0.40	-0.42	34.914	28.057	28.058	3.90	0.931	1459.6
660	-0.42	-0.45	34.915	28.059	28.060	3.66	0.935	1459.8
670	-0.43	-0.46	34.913	28.058	28.059	3.71	0.939	1460.0
680	-0.44	-0.47	34.913	28.058	28.060	3.65	0.942	1460.1
690	-0.45	-0.47	34.913	28.059	28.060	3.58	0.946	1460.3
700	-0.45	-0.48	34.913	28.059	28.060	3.58	0.950	1460.5
710	-0.46	-0.48	34.914	28.060	28.061	3.42	0.953	1460.6
720	-0.47	-0.50	34.914	28.061	28.062	3.30	0.957	1460.8
730	-0.48	-0.51	34.915	28.061	28.063	3.22	0.960	1461.0
740	-0.49	-0.52	34.914	28.062	28.063	3.16	0.963	1461.1
750	-0.50	-0.53	34.914	28.062	28.063	3.11	0.966	1461.3
760	-0.51	-0.54	34.914	28.062	28.064	3.04	0.969	1461.5
770	-0.53	-0.56	34.915	28.064	28.065	2.85	0.972	1461.6
780	-0.53	-0.56	34.914	28.064	28.065	2.80	0.975	1461.8
790	-0.54	-0.57	34.915	28.064	28.066	2.73	0.978	1462.0
800	-0.55	-0.58	34.915	28.065	28.067	2.62	0.980	1462.1
810	-0.55	-0.58	34.915	28.065	28.067	2.58	0.983	1462.3
820	-0.56	-0.59	34.914	28.065	28.067	2.57	0.986	1462.5
830	-0.56	-0.59	34.916	28.067	28.068	2.42	0.988	1462.6
840	-0.57	-0.60	34.915	28.066	28.068	2.43	0.991	1462.8
850	-0.58	-0.61	34.916	28.068	28.069	2.26	0.993	1462.9
860	-0.58	-0.62	34.916	28.067	28.069	2.26	0.995	1463.1
870	-0.59	-0.62	34.915	28.067	28.068	2.26	0.997	1463.3
880	-0.60	-0.63	34.917	28.069	28.070	2.04	1.000	1463.4
890	-0.60	-0.64	34.917	28.069	28.071	1.97	1.002	1463.6
900	-0.60	-0.64	34.917	28.069	28.071	1.96	1.004	1463.8
910	-0.61	-0.65	34.918	28.070	28.072	1.82	1.005	1463.9
920	-0.62	-0.66	34.917	28.070	28.071	1.83	1.007	1464.1
930	-0.63	-0.67	34.917	28.070	28.072	1.74	1.009	1464.3
940	-0.63	-0.67	34.917	28.070	28.072	1.72	1.011	1464.4
950	-0.64	-0.67	34.916	28.070	28.072	1.70	1.012	1464.6
960	-0.64	-0.68	34.917	28.071	28.072	1.61	1.014	1464.8
970	-0.65	-0.69	34.917	28.071	28.073	1.55	1.016	1464.9
980	-0.65	-0.69	34.917	28.072	28.073	1.46	1.017	1465.1
990	-0.66	-0.69	34.917	28.072	28.074	1.40	1.019	1465.3
1000	-0.66	-0.70	34.919	28.073	28.075	1.25	1.020	1465.4
1010	-0.66	-0.70	34.917	28.072	28.074	1.34	1.021	1465.6
1020	-0.66	-0.70	34.918	28.072	28.074	1.30	1.023	1465.8
1030	-0.66	-0.70	34.918	28.073	28.075	1.21	1.024	1465.9

1040	-0.67	-0.72	34.919	28.074	28.075	1.10	1.025	1466.1
1050	-0.68	-0.72	34.918	28.074	28.076	1.06	1.026	1466.3
1060	-0.69	-0.73	34.917	28.073	28.075	1.06	1.027	1466.4
1070	-0.70	-0.75	34.917	28.074	28.076	0.92	1.028	1466.6
1080	-0.71	-0.75	34.918	28.075	28.077	0.80	1.029	1466.8
1090	-0.71	-0.75	34.918	28.075	28.077	0.77	1.030	1466.9
1100	-0.71	-0.75	34.917	28.074	28.076	0.85	1.031	1467.1
1110	-0.71	-0.76	34.917	28.074	28.076	0.78	1.031	1467.3
1120	-0.72	-0.76	34.917	28.074	28.076	0.75	1.032	1467.4
1130	-0.72	-0.77	34.918	28.075	28.077	0.65	1.033	1467.6
1140	-0.73	-0.77	34.917	28.075	28.077	0.63	1.033	1467.8
1150	-0.73	-0.78	34.917	28.075	28.077	0.56	1.034	1467.9

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	3.53	3.53	34.353	27.319	27.319	74.61	0.037	1463.9
10	3.53	3.53	34.353	27.318	27.319	74.67	0.075	1464.0
20	3.53	3.52	34.353	27.319	27.319	74.69	0.149	1464.1
30	3.45	3.45	34.342	27.317	27.318	74.93	0.224	1464.0
40	0.44	0.43	34.445	27.634	27.634	44.72	0.284	1451.0
50	-0.63	-0.63	34.588	27.805	27.805	28.43	0.321	1449.4
60	-0.71	-0.71	34.658	27.864	27.864	22.79	0.346	1449.7
70	-0.42	-0.42	34.731	27.910	27.911	18.42	0.367	1449.9
80	-0.07	-0.07	34.803	27.951	27.951	14.70	0.383	1450.2
90	0.03	0.03	34.823	27.961	27.962	13.70	0.397	1450.5
100	0.12	0.12	34.838	27.969	27.969	12.99	0.411	1451.1
111	0.25	0.25	34.858	27.978	27.978	12.24	0.425	1451.9
120	0.38	0.37	34.869	27.980	27.980	12.08	0.436	1452.6
130	0.18	0.18	34.850	27.975	27.975	12.46	0.448	1451.9
140	0.07	0.07	34.853	27.984	27.984	11.56	0.460	1451.5
150	0.25	0.25	34.882	27.997	27.998	10.40	0.471	1452.6
160	0.31	0.31	34.879	27.991	27.991	11.01	0.482	1453.0
170	0.29	0.29	34.878	27.992	27.992	10.96	0.493	1453.1
180	0.31	0.30	34.889	28.000	28.000	10.19	0.503	1453.3
190	0.44	0.43	34.905	28.005	28.005	9.79	0.513	1454.1
200	0.29	0.28	34.889	28.001	28.001	10.12	0.523	1453.6
210	0.40	0.39	34.901	28.004	28.004	9.88	0.533	1454.2
220	0.46	0.45	34.912	28.009	28.010	9.42	0.543	1454.7
230	0.52	0.51	34.923	28.015	28.015	8.97	0.552	1455.1
240	0.39	0.38	34.907	28.009	28.010	9.41	0.561	1454.7
250	0.47	0.46	34.922	28.016	28.017	8.81	0.570	1455.3
260	0.52	0.51	34.926	28.016	28.017	8.83	0.579	1455.7
270	0.40	0.39	34.921	28.020	28.021	8.43	0.588	1455.3
280	0.42	0.41	34.925	28.021	28.022	8.32	0.596	1455.5
290	0.41	0.40	34.925	28.023	28.024	8.19	0.604	1455.6
300	0.43	0.41	34.929	28.025	28.026	7.99	0.612	1455.9
310	0.35	0.34	34.923	28.025	28.025	7.99	0.620	1455.7
320	0.29	0.28	34.922	28.027	28.028	7.67	0.628	1455.6
330	0.29	0.28	34.925	28.030	28.030	7.48	0.636	1455.8
340	0.27	0.26	34.925	28.030	28.031	7.40	0.643	1455.8
350	0.22	0.21	34.920	28.030	28.031	7.40	0.651	1455.8
360	0.20	0.19	34.921	28.031	28.032	7.24	0.658	1455.8
370	0.17	0.16	34.922	28.034	28.035	6.97	0.665	1455.9
380	0.16	0.14	34.921	28.034	28.035	6.99	0.672	1455.9
390	0.10	0.09	34.924	28.039	28.040	6.41	0.679	1455.9
400	0.09	0.07	34.917	28.035	28.036	6.81	0.685	1455.9
410	0.07	0.05	34.918	28.037	28.037	6.62	0.692	1456.0
420	0.05	0.04	34.918	28.037	28.038	6.55	0.699	1456.1
430	0.04	0.02	34.918	28.038	28.039	6.43	0.705	1456.2
440	0.01	0.00	34.919	28.040	28.041	6.24	0.712	1456.3
450	-0.02	-0.03	34.917	28.041	28.042	6.15	0.718	1456.4
460	-0.04	-0.06	34.919	28.043	28.044	5.88	0.724	1456.5
470	-0.07	-0.08	34.914	28.040	28.041	6.11	0.730	1456.7
480	-0.10	-0.12	34.916	28.044	28.045	5.70	0.736	1456.9
490	-0.13	-0.15	34.916	28.045	28.046	5.53	0.741	1457.0

500	-0.15	-0.17	34.915	28.046	28.047	5.43	0.747	1457.2
510	-0.18	-0.20	34.914	28.046	28.047	5.36	0.752	1457.3
520	-0.20	-0.22	34.914	28.047	28.048	5.24	0.757	1457.5
530	-0.21	-0.23	34.913	28.047	28.048	5.21	0.763	1457.7
540	-0.23	-0.25	34.914	28.049	28.050	5.02	0.768	1457.8
550	-0.23	-0.25	34.915	28.050	28.051	4.96	0.773	1458.0
560	-0.25	-0.28	34.914	28.050	28.051	4.85	0.778	1458.2
570	-0.28	-0.30	34.913	28.050	28.051	4.80	0.782	1458.3
580	-0.29	-0.31	34.915	28.053	28.054	4.53	0.787	1458.5
590	-0.30	-0.32	34.915	28.053	28.054	4.50	0.792	1458.7
600	-0.33	-0.35	34.914	28.053	28.055	4.40	0.796	1458.8
610	-0.35	-0.37	34.913	28.054	28.055	4.32	0.800	1459.0
620	-0.36	-0.39	34.913	28.055	28.056	4.21	0.805	1459.2
630	-0.39	-0.42	34.913	28.056	28.057	4.02	0.809	1459.3
640	-0.40	-0.43	34.914	28.057	28.058	3.87	0.813	1459.5
650	-0.41	-0.44	34.912	28.057	28.058	3.90	0.817	1459.6
660	-0.42	-0.44	34.914	28.058	28.060	3.71	0.820	1459.8
670	-0.42	-0.45	34.910	28.055	28.056	4.00	0.824	1460.0
710	-0.47	-0.50	34.917	28.063	28.065	3.08	0.838	1460.6
720	-0.48	-0.51	34.914	28.061	28.063	3.24	0.842	1460.8
730	-0.49	-0.52	34.914	28.062	28.063	3.14	0.845	1461.0
740	-0.49	-0.52	34.915	28.062	28.064	3.09	0.848	1461.1
750	-0.50	-0.53	34.913	28.062	28.063	3.11	0.851	1461.3
760	-0.51	-0.54	34.915	28.064	28.065	2.88	0.854	1461.5
770	-0.52	-0.55	34.915	28.064	28.065	2.87	0.857	1461.6
780	-0.52	-0.55	34.914	28.063	28.064	2.91	0.860	1461.8
790	-0.53	-0.56	34.914	28.064	28.065	2.82	0.863	1462.0
800	-0.53	-0.57	34.913	28.063	28.065	2.83	0.866	1462.1
810	-0.54	-0.58	34.915	28.065	28.066	2.66	0.868	1462.3
820	-0.55	-0.58	34.915	28.065	28.067	2.57	0.871	1462.5
830	-0.56	-0.59	34.915	28.065	28.067	2.52	0.873	1462.6
840	-0.57	-0.60	34.916	28.067	28.068	2.37	0.876	1462.8
850	-0.57	-0.60	34.917	28.067	28.069	2.28	0.878	1462.9
860	-0.57	-0.60	34.916	28.067	28.068	2.35	0.881	1463.1
870	-0.57	-0.61	34.917	28.068	28.070	2.19	0.883	1463.3
880	-0.58	-0.61	34.916	28.067	28.069	2.23	0.885	1463.4
890	-0.58	-0.61	34.917	28.068	28.069	2.17	0.887	1463.6
900	-0.59	-0.62	34.916	28.068	28.069	2.14	0.889	1463.8
910	-0.59	-0.63	34.916	28.068	28.070	2.08	0.891	1463.9
920	-0.60	-0.64	34.917	28.069	28.070	1.97	0.893	1464.1
930	-0.60	-0.64	34.914	28.067	28.069	2.08	0.895	1464.3
940	-0.61	-0.65	34.917	28.070	28.071	1.81	0.897	1464.4
950	-0.62	-0.65	34.917	28.070	28.071	1.80	0.899	1464.6
960	-0.62	-0.66	34.915	28.069	28.070	1.85	0.901	1464.8
970	-0.63	-0.66	34.917	28.070	28.072	1.69	0.903	1464.9
980	-0.63	-0.67	34.915	28.069	28.071	1.77	0.905	1465.1
990	-0.63	-0.67	34.916	28.070	28.071	1.70	0.906	1465.3
1000	-0.63	-0.67	34.915	28.069	28.071	1.72	0.908	1465.4
1010	-0.64	-0.68	34.916	28.070	28.072	1.61	0.910	1465.6
1020	-0.64	-0.68	34.916	28.070	28.072	1.54	0.911	1465.8
1030	-0.65	-0.69	34.916	28.071	28.073	1.46	0.913	1465.9
1040	-0.65	-0.69	34.916	28.071	28.072	1.45	0.914	1466.1
1050	-0.65	-0.70	34.917	28.071	28.073	1.36	0.916	1466.3
1060	-0.66	-0.70	34.918	28.073	28.075	1.17	0.917	1466.4

1070	-0.66	-0.71	34.915	28.071	28.073	1.34	0.918	1466.6
1080	-0.67	-0.71	34.917	28.072	28.074	1.18	0.919	1466.8
1090	-0.67	-0.71	34.916	28.071	28.073	1.26	0.921	1466.9
1100	-0.67	-0.72	34.916	28.072	28.074	1.14	0.922	1467.1
1110	-0.68	-0.72	34.918	28.073	28.075	1.00	0.923	1467.3
1120	-0.68	-0.73	34.917	28.073	28.075	1.00	0.924	1467.4
1130	-0.68	-0.73	34.917	28.073	28.075	0.96	0.925	1467.6
1140	-0.68	-0.73	34.917	28.073	28.075	0.95	0.926	1467.8
1150	-0.69	-0.73	34.918	28.073	28.075	0.88	0.927	1467.9
1160	-0.69	-0.73	34.917	28.073	28.075	0.87	0.928	1468.1
1170	-0.69	-0.73	34.917	28.073	28.075	0.89	0.928	1468.3
1180	-0.69	-0.74	34.918	28.074	28.076	0.75	0.929	1468.4
1190	-0.69	-0.74	34.918	28.074	28.076	0.72	0.930	1468.6
1200	-0.69	-0.74	34.921	28.076	28.078	0.50	0.931	1468.8
1210	-0.70	-0.75	34.918	28.074	28.076	0.66	0.931	1468.9
1220	-0.70	-0.75	34.919	28.075	28.078	0.52	0.932	1469.1
1230	-0.70	-0.75	34.921	28.076	28.079	0.41	0.932	1469.3
1240	-0.70	-0.75	34.920	28.076	28.079	0.39	0.933	1469.4
1250	-0.70	-0.76	34.921	28.077	28.079	0.31	0.933	1469.6
1260	-0.71	-0.76	34.921	28.077	28.080	0.25	0.933	1469.8
1270	-0.72	-0.77	34.920	28.077	28.079	0.25	0.934	1469.9
1280	-0.73	-0.78	34.921	28.078	28.080	0.07	0.934	1470.1
1290	-0.73	-0.78	34.920	28.077	28.079	0.13	0.934	1470.3
1300	-0.73	-0.78	34.920	28.077	28.079	0.10	0.934	1470.4
1310	-0.74	-0.79	34.919	28.077	28.080	0.05	0.934	1470.6
1320	-0.74	-0.79	34.920	28.078	28.080	-0.05	0.934	1470.8
1330	-0.74	-0.79	34.920	28.078	28.081	-0.08	0.934	1470.9
1340	-0.74	-0.80	34.920	28.078	28.081	-0.10	0.934	1471.1
1350	-0.74	-0.80	34.921	28.079	28.081	-0.20	0.934	1471.3
1360	-0.75	-0.80	34.920	28.078	28.081	-0.20	0.934	1471.4
1370	-0.76	-0.81	34.921	28.079	28.082	-0.34	0.933	1471.6
1380	-0.75	-0.81	34.920	28.078	28.081	-0.25	0.933	1471.8
1390	-0.75	-0.81	34.921	28.079	28.082	-0.38	0.933	1471.9
1400	-0.75	-0.81	34.920	28.079	28.081	-0.30	0.932	1472.1
1410	-0.75	-0.81	34.921	28.079	28.082	-0.39	0.932	1472.3
1420	-0.76	-0.83	34.920	28.079	28.081	-0.43	0.932	1472.4
1430	-0.77	-0.83	34.921	28.080	28.083	-0.56	0.931	1472.6
1440	-0.77	-0.83	34.920	28.079	28.082	-0.51	0.931	1472.8
1450	-0.77	-0.83	34.920	28.079	28.081	-0.51	0.930	1472.9
1460	-0.77	-0.83	34.921	28.080	28.083	-0.68	0.929	1473.1
1470	-0.77	-0.84	34.921	28.080	28.083	-0.69	0.929	1473.3
1480	-0.77	-0.84	34.922	28.081	28.083	-0.74	0.928	1473.4
1490	-0.77	-0.84	34.921	28.080	28.083	-0.68	0.927	1473.6
1500	-0.78	-0.84	34.921	28.080	28.083	-0.74	0.927	1473.8
1510	-0.78	-0.84	34.920	28.080	28.082	-0.75	0.926	1473.9
1520	-0.78	-0.84	34.919	28.079	28.082	-0.70	0.925	1474.1
1530	-0.78	-0.85	34.922	28.081	28.084	-0.93	0.924	1474.3
1540	-0.78	-0.85	34.920	28.079	28.082	-0.76	0.923	1474.4
1550	-0.78	-0.85	34.919	28.078	28.081	-0.72	0.923	1474.6
1560	-0.78	-0.85	34.920	28.080	28.083	-0.89	0.922	1474.8
1570	-0.78	-0.85	34.920	28.080	28.083	-0.92	0.921	1474.9
1580	-0.79	-0.86	34.920	28.080	28.083	-0.93	0.920	1475.1
1590	-0.79	-0.86	34.920	28.080	28.083	-0.96	0.919	1475.3
1600	-0.79	-0.86	34.921	28.081	28.084	-1.07	0.918	1475.4

1610	-0.79	-0.86	34.918	28.079	28.082	-0.93	0.917	1475.6
1620	-0.79	-0.86	34.919	28.080	28.083	-1.03	0.916	1475.8
1630	-0.79	-0.87	34.919	28.079	28.082	-1.00	0.915	1475.9
1640	-0.79	-0.86	34.921	28.081	28.084	-1.18	0.914	1476.1
1650	-0.79	-0.87	34.919	28.079	28.082	-1.07	0.913	1476.3

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	3.18	3.18	34.213	27.241	27.241	82.01	0.041	1462.2
10	3.18	3.18	34.214	27.241	27.241	81.98	0.082	1462.3
20	3.18	3.18	34.214	27.241	27.242	82.03	0.164	1462.5
30	3.02	3.01	34.207	27.251	27.251	81.18	0.246	1461.9
41	0.58	0.58	34.220	27.444	27.444	62.73	0.325	1451.4
50	-1.18	-1.18	34.368	27.648	27.648	43.16	0.372	1449.1
60	-1.05	-1.06	34.500	27.751	27.751	33.44	0.411	1449.4
70	-0.75	-0.75	34.566	27.791	27.791	29.61	0.442	1449.7
80	-0.59	-0.59	34.638	27.843	27.843	24.76	0.469	1450.0
90	-0.41	-0.41	34.706	27.889	27.890	20.39	0.492	1450.2
100	0.09	0.08	34.741	27.893	27.893	20.20	0.512	1450.8
110	0.40	0.40	34.803	27.925	27.925	17.25	0.531	1452.5
120	0.64	0.64	34.843	27.943	27.943	15.66	0.547	1453.8
130	0.84	0.83	34.870	27.952	27.952	14.88	0.563	1454.9
140	0.90	0.90	34.890	27.964	27.964	13.79	0.577	1455.4
150	0.99	0.98	34.909	27.973	27.974	12.95	0.590	1455.9
160	0.83	0.82	34.890	27.969	27.969	13.35	0.604	1455.3
170	0.23	0.22	34.847	27.970	27.970	12.98	0.617	1452.8
180	0.28	0.28	34.865	27.982	27.982	11.91	0.629	1453.2
190	0.32	0.31	34.869	27.983	27.984	11.77	0.641	1453.5
200	0.45	0.44	34.892	27.994	27.994	10.84	0.652	1454.3
210	0.78	0.77	34.919	27.995	27.995	10.95	0.663	1456.0
220	0.70	0.69	34.906	27.990	27.990	11.40	0.674	1455.8
230	0.77	0.76	34.921	27.998	27.998	10.73	0.685	1456.3
240	0.72	0.71	34.916	27.996	27.997	10.82	0.696	1456.2
250	0.79	0.78	34.929	28.002	28.003	10.36	0.707	1456.7
260	0.76	0.75	34.921	27.998	27.999	10.72	0.717	1456.7
270	0.80	0.79	34.933	28.005	28.006	10.10	0.728	1457.1
280	0.83	0.81	34.935	28.005	28.006	10.15	0.738	1457.4
290	0.78	0.77	34.931	28.004	28.005	10.24	0.748	1457.3
300	0.61	0.60	34.919	28.005	28.006	10.04	0.758	1456.7
310	0.63	0.62	34.926	28.010	28.011	9.57	0.768	1457.0
320	0.68	0.66	34.926	28.007	28.008	9.91	0.778	1457.3
330	0.69	0.68	34.935	28.013	28.014	9.41	0.787	1457.6
340	0.62	0.60	34.927	28.012	28.013	9.48	0.797	1457.4
350	0.57	0.55	34.924	28.012	28.013	9.42	0.806	1457.3
360	0.43	0.42	34.912	28.011	28.012	9.41	0.816	1456.9
370	0.38	0.36	34.911	28.013	28.014	9.10	0.825	1456.8
380	0.37	0.36	34.913	28.016	28.017	8.91	0.834	1456.9
390	0.35	0.33	34.913	28.016	28.017	8.84	0.843	1457.0
404	0.31	0.30	34.909	28.015	28.016	8.90	0.855	1457.0
410	0.28	0.26	34.909	28.018	28.019	8.62	0.861	1457.0
420	0.17	0.16	34.903	28.019	28.020	8.44	0.869	1456.7
430	0.15	0.14	34.904	28.021	28.022	8.21	0.877	1456.7
440	0.14	0.12	34.904	28.021	28.022	8.13	0.886	1456.8
450	0.13	0.11	34.905	28.023	28.024	8.02	0.894	1456.9
460	0.11	0.09	34.904	28.023	28.024	7.94	0.902	1457.0
470	0.09	0.07	34.906	28.026	28.027	7.68	0.909	1457.1
480	0.05	0.04	34.905	28.027	28.028	7.52	0.917	1457.1
490	0.02	0.00	34.905	28.029	28.030	7.31	0.924	1457.1

500	-0.01	-0.03	34.905	28.030	28.031	7.17	0.932	1457.2
510	-0.03	-0.05	34.905	28.031	28.032	7.03	0.939	1457.3
520	-0.05	-0.07	34.905	28.032	28.033	6.89	0.946	1457.5
530	-0.08	-0.10	34.905	28.034	28.035	6.69	0.953	1457.7
540	-0.08	-0.10	34.906	28.035	28.036	6.59	0.959	1457.8
550	-0.10	-0.12	34.907	28.037	28.038	6.38	0.966	1458.0
560	-0.08	-0.10	34.909	28.037	28.039	6.32	0.972	1458.2
570	-0.11	-0.13	34.911	28.041	28.042	5.98	0.978	1458.3
580	-0.12	-0.14	34.909	28.039	28.041	6.07	0.984	1458.5
590	-0.12	-0.15	34.911	28.041	28.042	5.91	0.990	1458.7
600	-0.14	-0.16	34.911	28.042	28.043	5.81	0.996	1458.8
610	-0.15	-0.17	34.913	28.044	28.045	5.60	1.002	1459.0
620	-0.17	-0.19	34.912	28.044	28.045	5.55	1.007	1459.2
630	-0.19	-0.21	34.911	28.044	28.046	5.46	1.013	1459.3
640	-0.20	-0.23	34.913	28.047	28.048	5.22	1.018	1459.5
650	-0.22	-0.24	34.912	28.046	28.048	5.21	1.023	1459.6
661	-0.24	-0.27	34.913	28.048	28.050	4.97	1.029	1459.8
670	-0.25	-0.28	34.913	28.049	28.051	4.87	1.033	1460.0
680	-0.27	-0.29	34.913	28.050	28.052	4.74	1.038	1460.1
690	-0.27	-0.30	34.913	28.051	28.052	4.69	1.043	1460.3
700	-0.29	-0.32	34.912	28.051	28.052	4.65	1.048	1460.5
710	-0.30	-0.33	34.913	28.052	28.053	4.48	1.052	1460.6
720	-0.32	-0.35	34.913	28.053	28.054	4.37	1.057	1460.8
730	-0.33	-0.36	34.914	28.054	28.056	4.19	1.061	1461.0
740	-0.35	-0.38	34.913	28.055	28.056	4.10	1.065	1461.1
750	-0.38	-0.41	34.912	28.054	28.056	4.06	1.069	1461.3
760	-0.39	-0.42	34.912	28.055	28.057	3.95	1.073	1461.5
770	-0.40	-0.43	34.912	28.056	28.057	3.88	1.077	1461.6
780	-0.41	-0.45	34.912	28.056	28.058	3.78	1.081	1461.8
790	-0.43	-0.46	34.913	28.058	28.060	3.56	1.085	1462.0
800	-0.45	-0.48	34.912	28.058	28.060	3.51	1.088	1462.1
810	-0.46	-0.50	34.914	28.060	28.062	3.26	1.091	1462.3
820	-0.47	-0.50	34.914	28.060	28.062	3.22	1.095	1462.4
830	-0.49	-0.52	34.913	28.060	28.062	3.17	1.098	1462.6
840	-0.50	-0.53	34.912	28.060	28.062	3.12	1.101	1462.8
850	-0.50	-0.54	34.913	28.061	28.063	3.00	1.104	1462.9
860	-0.51	-0.55	34.912	28.061	28.063	2.99	1.107	1463.1
870	-0.52	-0.55	34.913	28.062	28.064	2.87	1.110	1463.3
880	-0.53	-0.57	34.912	28.062	28.064	2.81	1.113	1463.4
890	-0.54	-0.57	34.912	28.063	28.064	2.76	1.116	1463.6
900	-0.54	-0.58	34.913	28.063	28.065	2.65	1.118	1463.8
910	-0.55	-0.58	34.914	28.064	28.066	2.55	1.121	1463.9
920	-0.55	-0.58	34.916	28.066	28.067	2.39	1.123	1464.1
930	-0.55	-0.59	34.914	28.065	28.066	2.46	1.126	1464.3
940	-0.56	-0.60	34.916	28.067	28.068	2.23	1.128	1464.4
950	-0.56	-0.60	34.914	28.065	28.067	2.33	1.130	1464.6
960	-0.57	-0.61	34.915	28.066	28.068	2.25	1.133	1464.8
970	-0.58	-0.62	34.917	28.068	28.070	2.03	1.135	1464.9
980	-0.58	-0.62	34.916	28.067	28.069	2.06	1.137	1465.1
990	-0.59	-0.63	34.916	28.068	28.069	1.98	1.139	1465.3
1000	-0.59	-0.63	34.915	28.067	28.069	2.00	1.141	1465.4
1010	-0.60	-0.64	34.916	28.068	28.070	1.87	1.143	1465.6
1020	-0.61	-0.65	34.916	28.069	28.071	1.74	1.145	1465.8
1030	-0.61	-0.66	34.917	28.070	28.072	1.66	1.146	1465.9

1040	-0.62	-0.66	34.917	28.070	28.071	1.65	1.148	1466.1
1050	-0.62	-0.66	34.918	28.071	28.073	1.52	1.150	1466.3
1060	-0.63	-0.67	34.917	28.071	28.072	1.49	1.151	1466.4
1070	-0.63	-0.67	34.916	28.070	28.072	1.52	1.153	1466.6
1080	-0.63	-0.68	34.918	28.071	28.073	1.38	1.154	1466.8
1090	-0.64	-0.68	34.916	28.070	28.072	1.41	1.156	1466.9
1100	-0.65	-0.69	34.918	28.072	28.074	1.24	1.157	1467.1
1110	-0.65	-0.70	34.917	28.071	28.073	1.26	1.158	1467.3
1120	-0.65	-0.70	34.917	28.071	28.073	1.23	1.159	1467.4
1130	-0.66	-0.71	34.918	28.073	28.075	1.06	1.160	1467.6
1140	-0.67	-0.72	34.917	28.073	28.075	1.03	1.162	1467.8
1150	-0.67	-0.72	34.918	28.073	28.075	0.93	1.162	1467.9
1160	-0.68	-0.73	34.918	28.074	28.076	0.85	1.163	1468.1
1170	-0.69	-0.74	34.918	28.074	28.076	0.76	1.164	1468.3
1180	-0.69	-0.74	34.918	28.074	28.076	0.78	1.165	1468.4
1190	-0.70	-0.75	34.918	28.074	28.076	0.71	1.166	1468.6
1200	-0.71	-0.76	34.918	28.075	28.077	0.58	1.166	1468.8
1210	-0.71	-0.76	34.918	28.075	28.077	0.51	1.167	1468.9
1220	-0.71	-0.77	34.918	28.075	28.078	0.47	1.167	1469.1
1230	-0.72	-0.77	34.919	28.076	28.078	0.43	1.168	1469.3
1240	-0.72	-0.77	34.919	28.076	28.078	0.36	1.168	1469.4
1250	-0.72	-0.78	34.919	28.076	28.078	0.30	1.169	1469.6
1260	-0.73	-0.79	34.919	28.076	28.079	0.23	1.169	1469.8
1270	-0.74	-0.79	34.918	28.076	28.078	0.27	1.169	1469.9
1280	-0.74	-0.79	34.917	28.075	28.078	0.29	1.169	1470.1
1290	-0.74	-0.80	34.919	28.077	28.080	0.05	1.170	1470.3
1300	-0.75	-0.80	34.918	28.076	28.079	0.11	1.170	1470.4
1310	-0.75	-0.80	34.918	28.077	28.079	0.06	1.170	1470.6
1320	-0.75	-0.80	34.919	28.077	28.080	-0.04	1.170	1470.8
1330	-0.76	-0.81	34.919	28.077	28.080	-0.08	1.170	1470.9
1340	-0.76	-0.82	34.918	28.077	28.079	-0.07	1.170	1471.1
1350	-0.76	-0.82	34.918	28.077	28.079	-0.12	1.169	1471.2
1360	-0.77	-0.83	34.919	28.079	28.081	-0.30	1.169	1471.4
1370	-0.77	-0.83	34.917	28.077	28.080	-0.18	1.169	1471.6
1380	-0.78	-0.84	34.918	28.078	28.081	-0.34	1.169	1471.8
1390	-0.78	-0.84	34.918	28.078	28.081	-0.38	1.168	1471.9
1400	-0.78	-0.84	34.918	28.078	28.080	-0.37	1.168	1472.1
1410	-0.80	-0.86	34.918	28.079	28.081	-0.53	1.168	1472.3
1420	-0.80	-0.86	34.918	28.079	28.081	-0.56	1.167	1472.4
1430	-0.80	-0.86	34.918	28.079	28.082	-0.62	1.166	1472.6
1440	-0.81	-0.87	34.918	28.079	28.082	-0.69	1.166	1472.8
1450	-0.81	-0.87	34.918	28.079	28.082	-0.73	1.165	1472.9
1460	-0.81	-0.88	34.918	28.079	28.082	-0.77	1.164	1473.1
1470	-0.82	-0.88	34.918	28.080	28.082	-0.81	1.164	1473.3
1480	-0.82	-0.88	34.918	28.080	28.082	-0.85	1.163	1473.4
1490	-0.83	-0.89	34.918	28.080	28.083	-0.92	1.162	1473.6
1500	-0.83	-0.89	34.916	28.078	28.081	-0.81	1.161	1473.8
1510	-0.83	-0.90	34.917	28.080	28.082	-0.99	1.160	1473.9
1520	-0.84	-0.90	34.916	28.079	28.082	-0.94	1.159	1474.1
1530	-0.84	-0.90	34.918	28.080	28.083	-1.09	1.158	1474.3
1540	-0.84	-0.91	34.918	28.080	28.083	-1.13	1.157	1474.4
1550	-0.84	-0.91	34.918	28.081	28.083	-1.19	1.156	1474.6

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	2.33	2.33	32.584	26.011	26.012	198.60	0.099	1456.4
10	2.30	2.30	32.662	26.076	26.076	192.46	0.197	1456.5
20	1.99	1.99	32.794	26.206	26.206	180.20	0.383	1455.5
30	0.30	0.30	33.015	26.489	26.489	153.20	0.550	1448.3
40	-1.45	-1.45	33.725	27.135	27.135	91.72	0.673	1448.1
50	-1.50	-1.50	33.974	27.339	27.339	72.36	0.755	1448.6
60	-1.49	-1.49	34.101	27.441	27.441	62.64	0.822	1448.9
70	-1.49	-1.49	34.180	27.506	27.506	56.49	0.882	1449.2
80	-1.30	-1.31	34.279	27.580	27.580	49.46	0.935	1449.5
90	-1.02	-1.02	34.343	27.621	27.621	45.55	0.982	1449.7
100	-0.63	-0.63	34.446	27.689	27.689	39.23	1.025	1450.0
110	-0.97	-0.98	34.509	27.754	27.754	32.94	1.061	1450.3
120	0.43	0.42	34.663	27.810	27.811	28.08	1.091	1452.6
130	0.69	0.68	34.762	27.874	27.875	22.15	1.116	1454.1
140	1.01	1.00	34.809	27.891	27.892	20.67	1.138	1455.7
150	1.13	1.12	34.845	27.912	27.913	18.77	1.157	1456.5
160	1.16	1.15	34.856	27.919	27.920	18.17	1.176	1456.8
170	1.12	1.11	34.876	27.938	27.938	16.41	1.193	1456.8
180	1.11	1.11	34.889	27.948	27.949	15.45	1.209	1457.0
190	1.10	1.09	34.900	27.959	27.960	14.47	1.224	1457.1
200	1.07	1.06	34.911	27.969	27.970	13.50	1.238	1457.1
210	1.09	1.08	34.914	27.971	27.972	13.38	1.251	1457.4
220	0.99	0.98	34.911	27.975	27.976	12.99	1.265	1457.1
230	1.03	1.02	34.921	27.980	27.981	12.53	1.277	1457.5
240	1.08	1.07	34.924	27.979	27.980	12.67	1.290	1457.8
250	1.07	1.05	34.932	27.987	27.987	12.01	1.302	1457.9
260	1.08	1.06	34.937	27.990	27.991	11.74	1.314	1458.2
270	1.09	1.08	34.942	27.993	27.994	11.46	1.326	1458.4
280	1.16	1.14	34.953	27.997	27.998	11.19	1.337	1458.9
290	1.16	1.15	34.956	27.999	28.000	11.01	1.348	1459.1
300	1.13	1.12	34.954	28.000	28.001	10.97	1.359	1459.1
310	1.11	1.09	34.952	27.999	28.000	11.00	1.370	1459.1
320	1.04	1.02	34.949	28.002	28.003	10.70	1.381	1459.0
330	0.98	0.97	34.947	28.004	28.005	10.52	1.392	1458.9
340	0.94	0.93	34.948	28.007	28.008	10.20	1.402	1458.9
350	0.92	0.90	34.947	28.008	28.009	10.12	1.412	1459.0
360	0.88	0.86	34.942	28.007	28.008	10.16	1.422	1458.9
370	0.87	0.86	34.946	28.011	28.012	9.85	1.432	1459.1
380	0.81	0.79	34.940	28.010	28.011	9.87	1.442	1458.9
390	0.74	0.73	34.937	28.012	28.013	9.67	1.452	1458.8
400	0.70	0.68	34.936	28.014	28.015	9.47	1.462	1458.8
410	0.69	0.67	34.935	28.014	28.015	9.45	1.471	1458.9
420	0.66	0.64	34.936	28.017	28.018	9.18	1.480	1458.9
430	0.59	0.57	34.933	28.018	28.019	8.98	1.489	1458.8
440	0.54	0.52	34.930	28.019	28.020	8.83	1.498	1458.7
450	0.48	0.46	34.926	28.020	28.021	8.72	1.507	1458.6
460	0.44	0.42	34.926	28.021	28.023	8.53	1.516	1458.6
470	0.39	0.37	34.919	28.019	28.020	8.68	1.524	1458.5
480	0.36	0.34	34.921	28.022	28.024	8.33	1.533	1458.5
490	0.34	0.32	34.920	28.023	28.024	8.30	1.541	1458.6

500	0.33	0.31	34.920	28.024	28.025	8.20	1.549	1458.7
510	0.30	0.28	34.920	28.025	28.026	8.05	1.557	1458.7
520	0.27	0.25	34.919	28.026	28.027	7.95	1.565	1458.8
530	0.24	0.22	34.920	28.028	28.029	7.69	1.573	1458.8
540	0.20	0.17	34.914	28.026	28.028	7.78	1.581	1458.7
550	0.16	0.14	34.915	28.029	28.030	7.51	1.589	1458.8
560	0.14	0.12	34.916	28.031	28.032	7.30	1.596	1458.8
570	0.11	0.08	34.914	28.031	28.033	7.18	1.603	1458.8
580	0.07	0.05	34.912	28.032	28.033	7.10	1.610	1458.8
590	0.06	0.03	34.913	28.033	28.034	6.94	1.617	1458.9
600	0.04	0.02	34.913	28.034	28.035	6.85	1.624	1459.0
610	0.05	0.02	34.913	28.034	28.035	6.87	1.631	1459.2
620	0.03	0.00	34.913	28.035	28.036	6.72	1.638	1459.3
630	0.01	-0.02	34.913	28.036	28.037	6.61	1.645	1459.4
640	0.02	0.00	34.916	28.037	28.039	6.50	1.651	1459.6
650	0.02	0.00	34.918	28.038	28.040	6.38	1.658	1459.8
661	-0.03	-0.05	34.913	28.038	28.039	6.38	1.664	1459.8
670	-0.03	-0.06	34.917	28.041	28.042	6.07	1.670	1460.0
680	-0.02	-0.05	34.917	28.040	28.042	6.14	1.677	1460.1
690	-0.05	-0.08	34.915	28.040	28.042	6.05	1.683	1460.3
700	-0.09	-0.11	34.916	28.043	28.044	5.75	1.689	1460.5
710	-0.10	-0.13	34.915	28.043	28.044	5.71	1.694	1460.6
720	-0.15	-0.18	34.911	28.042	28.044	5.68	1.700	1460.8
730	-0.20	-0.23	34.911	28.045	28.047	5.31	1.705	1461.0
740	-0.22	-0.25	34.911	28.046	28.047	5.18	1.711	1461.1
750	-0.24	-0.27	34.911	28.047	28.049	5.02	1.716	1461.3
760	-0.26	-0.30	34.910	28.048	28.049	4.91	1.721	1461.5
770	-0.28	-0.31	34.910	28.048	28.050	4.82	1.726	1461.6
780	-0.26	-0.30	34.913	28.050	28.052	4.69	1.730	1461.8
790	-0.28	-0.31	34.913	28.051	28.052	4.56	1.735	1462.0
800	-0.29	-0.33	34.913	28.052	28.053	4.45	1.740	1462.1
810	-0.30	-0.34	34.913	28.052	28.054	4.36	1.744	1462.3
820	-0.34	-0.37	34.912	28.053	28.054	4.21	1.748	1462.4
830	-0.36	-0.40	34.912	28.054	28.056	4.03	1.752	1462.6
840	-0.38	-0.42	34.912	28.054	28.056	3.94	1.756	1462.8
850	-0.39	-0.43	34.912	28.056	28.057	3.80	1.760	1462.9
860	-0.41	-0.45	34.912	28.056	28.058	3.67	1.764	1463.1
870	-0.41	-0.45	34.912	28.056	28.058	3.65	1.768	1463.3
880	-0.41	-0.45	34.913	28.057	28.059	3.54	1.771	1463.4
890	-0.42	-0.46	34.913	28.057	28.059	3.51	1.775	1463.6
900	-0.43	-0.47	34.914	28.059	28.061	3.31	1.778	1463.8
910	-0.47	-0.51	34.913	28.060	28.061	3.17	1.781	1463.9
920	-0.48	-0.52	34.913	28.060	28.062	3.05	1.784	1464.1
930	-0.49	-0.53	34.912	28.060	28.061	3.08	1.788	1464.3
940	-0.50	-0.53	34.913	28.061	28.063	2.94	1.791	1464.4
950	-0.49	-0.53	34.914	28.062	28.063	2.87	1.793	1464.6
960	-0.50	-0.54	34.914	28.062	28.064	2.78	1.796	1464.8
970	-0.51	-0.55	34.913	28.062	28.063	2.79	1.799	1464.9
980	-0.51	-0.55	34.915	28.063	28.065	2.61	1.802	1465.1
990	-0.51	-0.55	34.916	28.064	28.066	2.56	1.804	1465.3
1000	-0.53	-0.57	34.915	28.064	28.066	2.48	1.807	1465.4
1010	-0.54	-0.58	34.916	28.065	28.067	2.31	1.809	1465.6
1020	-0.56	-0.60	34.914	28.065	28.066	2.31	1.812	1465.8
1030	-0.57	-0.61	34.915	28.066	28.068	2.13	1.814	1465.9

1040	-0.57	-0.61	34.914	28.065	28.067	2.18	1.816	1466.1
1050	-0.58	-0.62	34.916	28.067	28.069	1.98	1.818	1466.3
1060	-0.58	-0.63	34.916	28.067	28.069	1.92	1.820	1466.4
1070	-0.59	-0.64	34.914	28.066	28.068	2.00	1.822	1466.6
1080	-0.61	-0.65	34.914	28.067	28.069	1.82	1.824	1466.8
1090	-0.62	-0.66	34.915	28.069	28.071	1.65	1.826	1466.9
1100	-0.62	-0.66	34.915	28.068	28.070	1.66	1.827	1467.1
1110	-0.62	-0.67	34.915	28.069	28.071	1.58	1.829	1467.3
1120	-0.63	-0.67	34.916	28.070	28.072	1.48	1.830	1467.4
1130	-0.63	-0.68	34.914	28.068	28.071	1.54	1.832	1467.6
1140	-0.64	-0.69	34.915	28.069	28.071	1.43	1.833	1467.8
1150	-0.65	-0.69	34.916	28.070	28.072	1.30	1.835	1467.9
1160	-0.65	-0.70	34.917	28.071	28.073	1.16	1.836	1468.1
1170	-0.65	-0.70	34.918	28.072	28.074	1.07	1.837	1468.3
1180	-0.66	-0.71	34.917	28.071	28.074	1.10	1.838	1468.4
1190	-0.67	-0.72	34.917	28.072	28.074	0.99	1.839	1468.6
1200	-0.67	-0.72	34.917	28.072	28.074	0.97	1.840	1468.8
1210	-0.67	-0.73	34.917	28.072	28.075	0.89	1.841	1468.9
1220	-0.68	-0.73	34.917	28.073	28.075	0.85	1.842	1469.1
1230	-0.68	-0.73	34.917	28.073	28.075	0.82	1.843	1469.2
1240	-0.69	-0.74	34.917	28.073	28.075	0.74	1.844	1469.4
1250	-0.69	-0.75	34.918	28.074	28.076	0.63	1.844	1469.6
1260	-0.70	-0.75	34.917	28.073	28.076	0.64	1.845	1469.7
1270	-0.70	-0.76	34.915	28.072	28.075	0.70	1.846	1469.9
1280	-0.71	-0.76	34.918	28.075	28.077	0.45	1.846	1470.1
1290	-0.71	-0.77	34.917	28.075	28.077	0.42	1.847	1470.2
1300	-0.72	-0.78	34.917	28.075	28.077	0.34	1.847	1470.4
1310	-0.72	-0.78	34.918	28.075	28.078	0.26	1.847	1470.6
1320	-0.73	-0.78	34.918	28.076	28.078	0.21	1.848	1470.8
1330	-0.73	-0.79	34.917	28.075	28.077	0.24	1.848	1470.9
1340	-0.73	-0.79	34.918	28.076	28.078	0.15	1.848	1471.1
1350	-0.73	-0.79	34.917	28.075	28.077	0.21	1.848	1471.2
1360	-0.74	-0.80	34.918	28.076	28.079	0.01	1.848	1471.4
1370	-0.74	-0.80	34.918	28.076	28.078	0.04	1.848	1471.6
1380	-0.74	-0.80	34.919	28.077	28.080	-0.11	1.848	1471.8
1390	-0.75	-0.80	34.918	28.077	28.079	-0.09	1.848	1471.9
1400	-0.75	-0.81	34.918	28.077	28.079	-0.12	1.848	1472.1
1410	-0.75	-0.81	34.918	28.077	28.079	-0.17	1.848	1472.3
1420	-0.76	-0.82	34.918	28.077	28.080	-0.23	1.848	1472.4
1430	-0.76	-0.82	34.918	28.077	28.080	-0.28	1.847	1472.6
1440	-0.76	-0.82	34.918	28.077	28.080	-0.33	1.847	1472.8
1450	-0.77	-0.83	34.917	28.077	28.079	-0.30	1.847	1472.9
1460	-0.77	-0.84	34.919	28.078	28.081	-0.48	1.846	1473.1
1470	-0.78	-0.84	34.917	28.077	28.080	-0.42	1.846	1473.3
1480	-0.78	-0.85	34.918	28.078	28.081	-0.56	1.845	1473.4
1490	-0.79	-0.85	34.918	28.078	28.081	-0.62	1.845	1473.6
1500	-0.79	-0.86	34.917	28.078	28.081	-0.61	1.844	1473.8
1510	-0.79	-0.86	34.918	28.079	28.081	-0.71	1.844	1473.9
1520	-0.80	-0.86	34.917	28.078	28.081	-0.70	1.843	1474.1
1530	-0.81	-0.87	34.917	28.078	28.081	-0.79	1.842	1474.3
1540	-0.81	-0.88	34.917	28.079	28.081	-0.84	1.841	1474.4
1550	-0.81	-0.88	34.918	28.079	28.082	-0.95	1.840	1474.6
1560	-0.82	-0.88	34.917	28.079	28.082	-0.92	1.840	1474.8
1570	-0.82	-0.89	34.916	28.078	28.081	-0.91	1.839	1474.9
1580	-0.82	-0.89	34.918	28.079	28.082	-1.04	1.838	1475.1
1590	-0.82	-0.89	34.918	28.080	28.083	-1.13	1.837	1475.3
1600	-0.82	-0.89	34.917	28.079	28.082	-1.06	1.835	1475.4

B87.410

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	0.92	0.92	31.044	24.870	24.870	307.14	0.154	1448.1
12	0.93	0.93	31.106	24.919	24.919	302.43	0.367	1448.4
20	1.33	1.33	31.631	25.317	25.317	264.56	0.594	1451.0
30	-0.55	-0.55	32.601	26.193	26.193	181.16	0.817	1446.4
40	-1.56	-1.56	33.404	26.877	26.877	116.16	0.965	1447.7
51	-1.55	-1.55	33.707	27.123	27.123	92.80	1.080	1448.2
60	-1.52	-1.52	33.849	27.237	27.237	81.93	1.159	1448.6
70	-1.54	-1.54	34.028	27.384	27.384	67.99	1.234	1449.0
80	-1.52	-1.52	34.114	27.453	27.453	61.41	1.298	1449.3
90	-1.45	-1.45	34.198	27.519	27.519	55.14	1.357	1449.5
100	-1.29	-1.29	34.265	27.568	27.568	50.48	1.410	1449.8
110	-1.19	-1.20	34.316	27.606	27.606	46.84	1.458	1450.0
120	-0.90	-0.90	34.400	27.664	27.664	41.49	1.502	1450.3
130	-0.59	-0.60	34.486	27.720	27.720	36.29	1.541	1450.6
140	-0.28	-0.29	34.551	27.758	27.758	32.78	1.576	1450.8
150	-0.02	-0.03	34.608	27.791	27.791	29.74	1.607	1451.1
160	0.49	0.48	34.721	27.854	27.854	24.05	1.634	1453.6
170	0.80	0.79	34.772	27.875	27.876	22.16	1.657	1455.2
180	1.00	0.99	34.816	27.898	27.898	20.16	1.678	1456.4
190	1.15	1.14	34.845	27.911	27.912	19.02	1.698	1457.2
200	1.22	1.21	34.863	27.920	27.921	18.20	1.716	1457.7
210	1.22	1.21	34.878	27.932	27.933	17.13	1.734	1457.9
220	1.17	1.16	34.885	27.941	27.942	16.24	1.751	1457.9
230	1.18	1.17	34.895	27.949	27.950	15.54	1.767	1458.1
240	1.17	1.16	34.900	27.953	27.954	15.17	1.782	1458.2
250	1.13	1.12	34.903	27.958	27.959	14.69	1.797	1458.2
260	1.11	1.10	34.908	27.964	27.965	14.21	1.811	1458.3
270	1.10	1.09	34.911	27.967	27.968	13.90	1.825	1458.4
280	1.10	1.09	34.917	27.972	27.973	13.50	1.839	1458.6
290	1.13	1.11	34.926	27.977	27.978	13.03	1.852	1458.9
300	1.11	1.10	34.929	27.981	27.982	12.73	1.865	1459.0
310	1.09	1.07	34.926	27.980	27.981	12.77	1.878	1459.0
320	0.99	0.98	34.923	27.984	27.985	12.37	1.891	1458.8
330	0.99	0.98	34.927	27.987	27.988	12.09	1.903	1458.9
340	1.01	1.00	34.935	27.993	27.994	11.60	1.915	1459.2
350	1.05	1.04	34.940	27.994	27.995	11.58	1.926	1459.5
360	1.08	1.06	34.945	27.995	27.997	11.49	1.938	1459.8
370	1.09	1.07	34.947	27.997	27.998	11.36	1.949	1460.0
380	1.09	1.07	34.949	27.998	27.999	11.30	1.961	1460.2
390	1.02	1.00	34.944	27.999	28.000	11.16	1.972	1460.1
400	0.94	0.92	34.938	28.000	28.001	11.03	1.983	1459.8
410	0.92	0.90	34.942	28.004	28.005	10.62	1.994	1459.9
420	1.00	0.98	34.949	28.005	28.006	10.64	2.004	1460.4
430	0.93	0.91	34.944	28.006	28.007	10.53	2.015	1460.3
440	0.90	0.87	34.943	28.007	28.008	10.39	2.025	1460.3
450	0.85	0.83	34.940	28.007	28.009	10.33	2.036	1460.3
460	0.75	0.73	34.932	28.007	28.008	10.25	2.046	1460.0
470	0.73	0.70	34.934	28.010	28.012	9.92	2.056	1460.0
480	0.69	0.67	34.931	28.011	28.012	9.89	2.066	1460.0
490	0.64	0.62	34.932	28.014	28.015	9.52	2.076	1460.0

500	0.60	0.57	34.928	28.014	28.015	9.48	2.085	1459.9
510	0.54	0.52	34.928	28.017	28.018	9.12	2.095	1459.9
520	0.51	0.49	34.929	28.019	28.021	8.88	2.104	1459.9
530	0.49	0.47	34.927	28.019	28.021	8.86	2.112	1459.9
540	0.48	0.45	34.926	28.020	28.021	8.81	2.121	1460.0
550	0.47	0.44	34.927	28.021	28.022	8.74	2.130	1460.2
560	0.43	0.41	34.927	28.022	28.024	8.52	2.139	1460.2
570	0.41	0.39	34.927	28.024	28.026	8.33	2.147	1460.2
580	0.39	0.37	34.926	28.024	28.026	8.29	2.155	1460.3
590	0.37	0.35	34.923	28.023	28.025	8.36	2.164	1460.4
600	0.34	0.31	34.922	28.024	28.026	8.22	2.172	1460.4
610	0.29	0.27	34.920	28.025	28.027	8.09	2.180	1460.3
620	0.28	0.25	34.922	28.028	28.029	7.82	2.188	1460.4
630	0.25	0.22	34.920	28.028	28.029	7.77	2.196	1460.5
640	0.22	0.20	34.920	28.030	28.031	7.54	2.204	1460.5
650	0.21	0.18	34.919	28.030	28.031	7.55	2.211	1460.6
660	0.18	0.16	34.918	28.030	28.032	7.46	2.219	1460.7
670	0.16	0.13	34.917	28.031	28.032	7.35	2.226	1460.7
680	0.13	0.10	34.916	28.031	28.033	7.25	2.233	1460.8
690	0.11	0.08	34.916	28.033	28.035	7.06	2.240	1460.8
700	0.10	0.07	34.915	28.032	28.034	7.08	2.248	1460.9
710	0.07	0.04	34.914	28.033	28.035	6.98	2.255	1461.0
720	0.05	0.02	34.914	28.034	28.036	6.85	2.261	1461.0
730	0.04	0.01	34.914	28.034	28.036	6.80	2.268	1461.2
740	0.03	0.00	34.912	28.034	28.036	6.82	2.275	1461.3
750	0.02	-0.02	34.913	28.035	28.037	6.65	2.282	1461.4
760	0.00	-0.03	34.913	28.036	28.038	6.56	2.288	1461.5
770	-0.01	-0.05	34.911	28.035	28.037	6.59	2.295	1461.6
780	-0.04	-0.07	34.911	28.037	28.039	6.39	2.302	1461.8
790	-0.06	-0.09	34.910	28.037	28.039	6.35	2.308	1461.9
800	-0.08	-0.11	34.910	28.037	28.039	6.25	2.314	1462.1
810	-0.08	-0.12	34.910	28.038	28.040	6.18	2.320	1462.3
820	-0.09	-0.12	34.911	28.039	28.041	6.03	2.327	1462.4
830	-0.10	-0.14	34.911	28.040	28.042	5.92	2.332	1462.6
840	-0.11	-0.15	34.911	28.041	28.043	5.86	2.338	1462.8
850	-0.12	-0.16	34.913	28.042	28.044	5.68	2.344	1462.9
860	-0.16	-0.20	34.909	28.041	28.043	5.68	2.350	1463.1
870	-0.19	-0.23	34.910	28.043	28.045	5.41	2.355	1463.3
880	-0.20	-0.24	34.910	28.044	28.046	5.33	2.361	1463.4
890	-0.21	-0.25	34.913	28.047	28.049	5.02	2.366	1463.6
900	-0.23	-0.27	34.911	28.047	28.049	4.98	2.371	1463.8
910	-0.25	-0.29	34.912	28.049	28.051	4.72	2.376	1463.9
920	-0.28	-0.32	34.912	28.050	28.052	4.54	2.380	1464.1
930	-0.29	-0.33	34.913	28.052	28.053	4.35	2.385	1464.3
940	-0.30	-0.34	34.912	28.051	28.053	4.37	2.389	1464.4
950	-0.30	-0.34	34.912	28.051	28.053	4.36	2.394	1464.6
960	-0.30	-0.34	34.910	28.049	28.051	4.50	2.398	1464.8
970	-0.31	-0.35	34.912	28.051	28.053	4.29	2.402	1464.9
980	-0.31	-0.35	34.911	28.050	28.052	4.36	2.407	1465.1
990	-0.32	-0.36	34.911	28.051	28.053	4.32	2.411	1465.3
1000	-0.33	-0.37	34.912	28.052	28.054	4.15	2.415	1465.4

B87.411

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	-0.76	-0.76	30.417	24.434	24.434	348.66	0.174	1443.1
10	-0.77	-0.77	30.449	24.460	24.460	346.09	0.348	1443.2
20	-0.85	-0.85	32.106	25.804	25.804	218.22	0.630	1445.6
30	-1.47	-1.47	32.955	26.510	26.510	151.04	0.815	1446.9
40	-1.59	-1.59	33.303	26.796	26.796	123.81	0.952	1447.5
50	-1.61	-1.62	33.535	26.985	26.985	105.86	1.067	1448.0
60	-1.54	-1.54	33.870	27.255	27.255	80.23	1.160	1448.6
70	-1.53	-1.54	33.960	27.328	27.328	73.27	1.237	1448.9
80	-1.53	-1.53	34.044	27.396	27.396	66.78	1.307	1449.2
90	-1.57	-1.58	34.152	27.485	27.485	58.31	1.369	1449.5
100	-1.59	-1.59	34.168	27.499	27.499	56.93	1.427	1449.6
110	-1.62	-1.62	34.202	27.527	27.527	54.18	1.483	1449.9
120	-1.41	-1.41	34.267	27.574	27.574	49.81	1.535	1450.1
130	-1.08	-1.09	34.350	27.630	27.630	44.58	1.582	1450.4
140	-0.86	-0.87	34.419	27.677	27.677	40.18	1.624	1450.6
150	-0.60	-0.61	34.467	27.705	27.706	37.57	1.663	1450.9
160	-0.22	-0.23	34.576	27.776	27.776	31.10	1.697	1451.2
170	0.19	0.18	34.671	27.831	27.831	26.10	1.726	1452.3
180	0.40	0.39	34.716	27.855	27.855	23.92	1.751	1453.5
190	0.51	0.50	34.749	27.875	27.875	22.11	1.774	1454.2
200	0.79	0.78	34.831	27.923	27.924	17.67	1.794	1455.7
210	0.84	0.83	34.858	27.942	27.943	15.97	1.811	1456.2
220	0.84	0.83	34.867	27.949	27.949	15.35	1.826	1456.4
230	0.83	0.82	34.878	27.959	27.959	14.43	1.841	1456.5
240	0.84	0.83	34.882	27.962	27.962	14.17	1.856	1456.7
250	0.85	0.84	34.890	27.967	27.968	13.67	1.869	1456.9
260	0.84	0.83	34.899	27.975	27.975	12.99	1.883	1457.1
270	0.78	0.77	34.910	27.987	27.988	11.78	1.895	1457.0
280	0.76	0.75	34.912	27.990	27.991	11.49	1.907	1457.0
290	0.70	0.68	34.918	27.999	28.000	10.65	1.918	1456.9
300	0.68	0.67	34.918	28.000	28.001	10.57	1.929	1457.0
310	0.67	0.66	34.919	28.002	28.003	10.40	1.939	1457.1
320	0.65	0.64	34.921	28.005	28.006	10.13	1.949	1457.2

B87.413

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	1.41	1.40	31.703	25.370	25.370	259.53	0.130	1451.2
10	1.39	1.39	31.703	25.371	25.371	259.44	0.260	1451.2
20	1.83	1.83	31.822	25.438	25.438	253.08	0.516	1453.5
30	2.79	2.79	32.632	26.013	26.013	198.57	0.742	1458.9
40	-1.17	-1.17	33.185	26.688	26.688	134.09	0.908	1447.4
50	-1.52	-1.52	33.625	27.056	27.056	99.19	1.025	1448.1
60	-1.54	-1.54	33.833	27.225	27.226	83.04	1.116	1448.6
70	-1.56	-1.56	33.918	27.294	27.295	76.44	1.195	1448.8
80	-1.53	-1.53	34.041	27.394	27.394	66.99	1.267	1449.2
90	-1.55	-1.55	34.144	27.478	27.478	58.95	1.330	1449.5
100	-1.42	-1.42	34.223	27.538	27.538	53.25	1.386	1449.7
110	-1.28	-1.28	34.265	27.568	27.568	50.48	1.438	1449.9
120	-1.20	-1.20	34.316	27.606	27.606	46.80	1.487	1450.2
130	-0.96	-0.96	34.395	27.661	27.661	41.67	1.531	1450.4
140	-0.66	-0.66	34.471	27.711	27.711	37.06	1.570	1450.7
150	-0.31	-0.32	34.548	27.757	27.757	32.85	1.605	1451.0
160	-0.03	-0.03	34.616	27.798	27.798	29.10	1.636	1451.2
170	0.18	0.17	34.658	27.820	27.821	27.06	1.664	1452.3
180	0.38	0.37	34.707	27.849	27.849	24.49	1.690	1453.4
190	0.62	0.61	34.765	27.881	27.881	21.59	1.713	1454.7
200	0.79	0.79	34.820	27.914	27.915	18.55	1.733	1455.8
210	0.93	0.92	34.854	27.933	27.934	16.87	1.751	1456.6
220	1.00	0.99	34.876	27.946	27.946	15.73	1.767	1457.1
230	0.99	0.98	34.893	27.960	27.961	14.40	1.782	1457.2
240	0.99	0.98	34.911	27.975	27.975	13.04	1.796	1457.4
250	0.94	0.93	34.915	27.982	27.982	12.39	1.809	1457.4
260	0.91	0.90	34.924	27.990	27.991	11.59	1.821	1457.4
270	0.91	0.89	34.925	27.992	27.993	11.45	1.832	1457.6
280	0.95	0.94	34.938	27.999	28.000	10.83	1.843	1457.9
290	0.94	0.93	34.937	27.999	28.000	10.82	1.854	1458.0
300	0.88	0.87	34.933	28.000	28.001	10.73	1.865	1457.9
310	0.82	0.81	34.930	28.001	28.002	10.56	1.876	1457.8
320	0.74	0.73	34.931	28.007	28.008	10.01	1.886	1457.7
330	0.65	0.63	34.930	28.013	28.014	9.40	1.896	1457.4
340	0.63	0.62	34.931	28.014	28.015	9.29	1.905	1457.5

B87.416

depth	temp	theta	salinity	sigmat	sig_th	delta	soundv
3	3.03	3.03					
13	3.05	3.04					
20	3.06	3.06					
33	1.89	1.89	34.095	27.254	27.255	80.78	1457.0
41	0.22	0.22	34.205	27.453	27.453	61.83	1449.8
50	-0.86	-0.86	34.406	27.667	27.667	41.46	1449.2
60	-0.73	-0.73	34.441	27.689	27.689	39.30	1449.4
70	-0.84	-0.84	34.516	27.755	27.755	33.05	1449.6
80	-0.85	-0.85	34.576	27.803	27.804	28.43	1449.9
90	-0.23	-0.23	34.689	27.867	27.867	22.53	1450.2
100	0.45	0.44	34.775	27.900	27.900	19.63	1452.5
110	0.70	0.69	34.816	27.917	27.917	18.07	1453.8
120	0.88	0.88	34.849	27.932	27.932	16.77	1454.9
130	1.09	1.08	34.878	27.942	27.942	15.93	1456.0
140	1.09	1.08	34.881	27.944	27.944	15.76	1456.2
150	1.15	1.14	34.897	27.952	27.953	14.99	1456.6
160	1.19	1.19	34.910	27.960	27.961	14.31	1457.0
170	1.19	1.18	34.916	27.965	27.966	13.87	1457.2
180	1.18	1.17	34.919	27.968	27.969	13.62	1457.3
190	1.19	1.18	34.923	27.970	27.971	13.45	1457.5
200	1.15	1.14	34.924	27.974	27.975	13.10	1457.5
210	1.12	1.11	34.928	27.979	27.980	12.60	1457.5
220	1.12	1.11	34.931	27.981	27.982	12.45	1457.7
230	1.11	1.10	34.935	27.986	27.987	12.03	1457.8
240	1.10	1.09	34.939	27.990	27.990	11.71	1457.9
250	1.08	1.07	34.941	27.993	27.993	11.45	1458.0
260	1.03	1.02	34.938	27.994	27.994	11.35	1458.0
270	1.02	1.01	34.944	27.999	28.000	10.85	1458.1
280	0.99	0.98	34.942	27.999	28.000	10.83	1458.1
290	0.98	0.96	34.942	28.001	28.002	10.70	1458.2
300	0.97	0.95	34.945	28.003	28.004	10.47	1458.3
310	0.91	0.89	34.940	28.004	28.005	10.42	1458.2
320	0.83	0.82	34.937	28.006	28.007	10.15	1458.0
330	0.81	0.80	34.936	28.006	28.007	10.12	1458.1
340	0.80	0.79	34.937	28.008	28.009	9.97	1458.2
350	0.79	0.77	34.941	28.012	28.013	9.65	1458.4
360	0.80	0.78	34.939	28.010	28.011	9.83	1458.5
370	0.75	0.73	34.939	28.013	28.014	9.54	1458.5
380	0.70	0.68	34.934	28.012	28.013	9.55	1458.4
390	0.68	0.66	34.939	28.017	28.018	9.08	1458.5
400	0.65	0.63	34.941	28.021	28.022	8.72	1458.5
410	0.55	0.53	34.929	28.018	28.019	8.94	1458.2
420	0.54	0.52	34.933	28.021	28.022	8.66	1458.4
430	0.54	0.52	34.932	28.020	28.021	8.75	1458.5
460	0.42	0.40	34.926	28.023	28.024	8.36	1458.5
470	0.46	0.44	34.933	28.026	28.027	8.14	1458.8
480	0.44	0.41	34.931	28.026	28.027	8.15	1458.9
490	0.40	0.38	34.927	28.024	28.026	8.21	1458.9
500	0.36	0.34	34.928	28.028	28.029	7.84	1458.9
520	0.30	0.28	34.925	28.029	28.031	7.63	1458.9

530	0.27	0.25	34.926	28.031	28.033	7.43	1458.9
540	0.25	0.23	34.926	28.033	28.034	7.28	1459.0
550	0.21	0.19	34.922	28.032	28.033	7.29	1459.0
560	0.17	0.15	34.922	28.034	28.035	7.03	1459.0
570	0.16	0.14	34.922	28.034	28.036	7.00	1459.1
580	0.15	0.12	34.923	28.036	28.037	6.82	1459.2
590	0.13	0.11	34.923	28.037	28.038	6.73	1459.3
600	0.11	0.08	34.923	28.038	28.039	6.57	1459.3
610	0.07	0.05	34.922	28.040	28.041	6.35	1459.3
620	0.06	0.03	34.923	28.040	28.042	6.26	1459.4
630	0.04	0.01	34.921	28.041	28.042	6.22	1459.5
640	0.01	-0.02	34.921	28.042	28.043	6.05	1459.5
650	-0.02	-0.05	34.916	28.040	28.041	6.20	1459.7
660	-0.07	-0.10	34.917	28.043	28.045	5.77	1459.8
670	-0.08	-0.10	34.918	28.044	28.045	5.70	1460.0
680	-0.10	-0.13	34.918	28.046	28.047	5.45	1460.1
690	-0.12	-0.15	34.918	28.046	28.048	5.38	1460.3
700	-0.15	-0.18	34.917	28.047	28.049	5.22	1460.5
710	-0.16	-0.19	34.917	28.048	28.050	5.10	1460.6
720	-0.18	-0.21	34.918	28.049	28.051	4.96	1460.8
730	-0.20	-0.23	34.919	28.051	28.052	4.78	1461.0
740	-0.20	-0.24	34.918	28.051	28.053	4.74	1461.1
750	-0.23	-0.26	34.917	28.051	28.053	4.66	1461.3
760	-0.24	-0.27	34.918	28.052	28.054	4.53	1461.5
770	-0.25	-0.29	34.917	28.053	28.054	4.47	1461.6
780	-0.26	-0.30	34.918	28.054	28.055	4.34	1461.8
790	-0.29	-0.32	34.917	28.054	28.056	4.23	1462.0
800	-0.30	-0.33	34.918	28.055	28.057	4.09	1462.1
810	-0.32	-0.35	34.917	28.055	28.057	4.03	1462.3
820	-0.34	-0.37	34.916	28.056	28.058	3.89	1462.5
830	-0.35	-0.38	34.916	28.057	28.058	3.82	1462.6
840	-0.36	-0.39	34.916	28.057	28.058	3.80	1462.8
850	-0.37	-0.41	34.916	28.057	28.059	3.69	1462.9
860	-0.39	-0.43	34.916	28.059	28.061	3.48	1463.1
870	-0.41	-0.44	34.915	28.059	28.060	3.46	1463.3
880	-0.42	-0.45	34.916	28.060	28.062	3.31	1463.4
890	-0.44	-0.47	34.916	28.060	28.062	3.21	1463.6
900	-0.45	-0.49	34.918	28.063	28.064	2.95	1463.8
910	-0.46	-0.49	34.916	28.062	28.064	2.99	1463.9
920	-0.46	-0.50	34.916	28.062	28.064	2.96	1464.1
930	-0.48	-0.51	34.916	28.063	28.065	2.81	1464.3
940	-0.49	-0.52	34.917	28.064	28.065	2.71	1464.4
950	-0.49	-0.53	34.917	28.064	28.066	2.64	1464.6
960	-0.51	-0.55	34.917	28.065	28.067	2.48	1464.8
970	-0.52	-0.56	34.918	28.066	28.068	2.37	1464.9
980	-0.53	-0.57	34.917	28.066	28.067	2.37	1465.1
990	-0.54	-0.58	34.917	28.066	28.068	2.26	1465.3
1000	-0.55	-0.59	34.919	28.068	28.070	2.06	1465.4
1010	-0.55	-0.59	34.917	28.067	28.069	2.09	1465.6
1020	-0.56	-0.60	34.919	28.069	28.071	1.91	1465.8
1030	-0.57	-0.61	34.919	28.069	28.071	1.86	1465.9
1040	-0.57	-0.62	34.919	28.069	28.071	1.80	1466.1
1050	-0.58	-0.63	34.918	28.069	28.071	1.77	1466.3
1060	-0.59	-0.63	34.919	28.070	28.072	1.63	1466.4

1070	-0.60	-0.64	34.919	28.071	28.073	1.51	1466.6
1080	-0.61	-0.66	34.920	28.072	28.074	1.39	1466.8
1090	-0.61	-0.66	34.919	28.072	28.074	1.36	1466.9
1100	-0.62	-0.67	34.919	28.072	28.074	1.31	1467.1
1110	-0.63	-0.67	34.919	28.072	28.074	1.30	1467.3
1120	-0.63	-0.68	34.921	28.073	28.075	1.11	1467.4
1130	-0.63	-0.68	34.920	28.073	28.075	1.15	1467.6
1140	-0.64	-0.69	34.920	28.073	28.075	1.05	1467.8
1150	-0.65	-0.70	34.919	28.073	28.075	1.01	1467.9
1160	-0.65	-0.70	34.919	28.073	28.075	1.01	1468.1
1170	-0.66	-0.71	34.921	28.075	28.077	0.77	1468.3
1180	-0.67	-0.72	34.920	28.075	28.077	0.73	1468.4
1190	-0.68	-0.73	34.921	28.076	28.078	0.63	1468.6
1200	-0.68	-0.73	34.921	28.076	28.078	0.61	1468.8
1210	-0.68	-0.73	34.920	28.076	28.078	0.58	1468.9
1220	-0.69	-0.74	34.920	28.076	28.078	0.53	1469.1
1230	-0.69	-0.74	34.919	28.074	28.077	0.62	1469.3
1240	-0.70	-0.75	34.921	28.076	28.079	0.39	1469.4
1250	-0.70	-0.75	34.921	28.077	28.079	0.32	1469.6
1260	-0.71	-0.76	34.921	28.077	28.079	0.27	1469.8
1270	-0.71	-0.76	34.921	28.077	28.079	0.23	1469.9
1280	-0.72	-0.77	34.921	28.077	28.080	0.18	1470.1
1290	-0.72	-0.78	34.921	28.078	28.080	0.07	1470.3
1300	-0.73	-0.78	34.920	28.077	28.079	0.12	1470.4
1310	-0.73	-0.79	34.921	28.078	28.081	-0.05	1470.6
1320	-0.74	-0.80	34.922	28.079	28.082	-0.18	1470.8
1330	-0.74	-0.80	34.922	28.079	28.082	-0.23	1470.9
1340	-0.75	-0.80	34.921	28.079	28.082	-0.22	1471.1
1350	-0.75	-0.81	34.921	28.079	28.082	-0.25	1471.3
1360	-0.75	-0.81	34.921	28.079	28.082	-0.29	1471.4
1370	-0.76	-0.82	34.921	28.079	28.082	-0.36	1471.6
1380	-0.76	-0.82	34.921	28.079	28.082	-0.39	1471.8
1390	-0.77	-0.83	34.921	28.080	28.083	-0.48	1471.9
1400	-0.77	-0.83	34.923	28.082	28.084	-0.67	1472.1
1410	-0.77	-0.83	34.922	28.081	28.083	-0.61	1472.3
1420	-0.78	-0.84	34.922	28.081	28.083	-0.67	1472.4
1430	-0.78	-0.84	34.921	28.081	28.083	-0.71	1472.6
1440	-0.78	-0.85	34.921	28.080	28.083	-0.67	1472.8
1450	-0.79	-0.85	34.922	28.082	28.084	-0.83	1472.9
1460	-0.79	-0.85	34.922	28.081	28.084	-0.85	1473.1
1470	-0.79	-0.86	34.921	28.081	28.084	-0.85	1473.3
1480	-0.80	-0.86	34.919	28.080	28.083	-0.79	1473.4
1490	-0.80	-0.87	34.923	28.083	28.085	-1.09	1473.6
1500	-0.80	-0.87	34.922	28.082	28.085	-1.09	1473.8
1510	-0.81	-0.87	34.922	28.082	28.085	-1.10	1473.9
1520	-0.82	-0.88	34.922	28.083	28.086	-1.20	1474.1
1530	-0.82	-0.89	34.923	28.083	28.086	-1.32	1474.3
1540	-0.83	-0.89	34.921	28.082	28.085	-1.22	1474.4
1550	-0.83	-0.90	34.922	28.083	28.086	-1.36	1474.6
1560	-0.83	-0.90	34.921	28.083	28.085	-1.34	1474.8
1570	-0.83	-0.90	34.922	28.083	28.086	-1.42	1474.9
1580	-0.84	-0.91	34.921	28.083	28.086	-1.45	1475.1
1590	-0.84	-0.91	34.922	28.084	28.087	-1.56	1475.3

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	3.85	3.85	34.405	27.328	27.328	73.74	0.037	1465.3
10	3.85	3.85	34.406	27.329	27.329	73.73	0.074	1465.4
20	3.56	3.55	34.457	27.399	27.399	67.15	0.144	1464.4
30	3.47	3.47	34.453	27.404	27.404	66.76	0.211	1464.2
40	2.55	2.55	34.368	27.420	27.420	65.18	0.277	1460.3
50	-1.01	-1.01	34.451	27.709	27.709	37.42	0.328	1449.2
60	-1.10	-1.10	34.532	27.778	27.778	30.89	0.363	1449.5
70	-0.94	-0.95	34.594	27.822	27.822	26.69	0.391	1449.7
80	-0.66	-0.66	34.656	27.860	27.860	23.10	0.416	1450.0
90	-0.25	-0.25	34.714	27.888	27.889	20.52	0.438	1450.2
100	0.42	0.42	34.810	27.930	27.930	16.82	0.457	1452.4
110	0.90	0.89	34.866	27.945	27.945	15.50	0.473	1454.8
120	1.04	1.03	34.887	27.952	27.953	14.90	0.488	1455.6
130	1.07	1.07	34.898	27.958	27.959	14.34	0.503	1456.0
140	1.12	1.12	34.912	27.967	27.967	13.62	0.517	1456.4
150	1.11	1.10	34.914	27.969	27.970	13.38	0.530	1456.5
160	1.06	1.06	34.918	27.975	27.976	12.85	0.543	1456.4
170	0.96	0.95	34.913	27.978	27.978	12.58	0.556	1456.2
180	0.98	0.98	34.917	27.980	27.980	12.40	0.569	1456.4
190	0.92	0.91	34.911	27.979	27.980	12.45	0.581	1456.3
200	0.81	0.80	34.904	27.981	27.981	12.30	0.593	1455.9
210	0.90	0.89	34.926	27.993	27.993	11.24	0.605	1456.5
220	0.94	0.93	34.928	27.991	27.992	11.39	0.616	1456.9
230	0.98	0.96	34.936	27.996	27.996	11.05	0.628	1457.2
240	0.95	0.94	34.935	27.997	27.998	10.91	0.639	1457.3
250	0.94	0.93	34.941	28.002	28.003	10.48	0.649	1457.4
260	0.91	0.90	34.940	28.003	28.004	10.36	0.660	1457.4
270	0.90	0.88	34.940	28.004	28.005	10.25	0.670	1457.5
280	0.85	0.84	34.940	28.007	28.008	10.02	0.680	1457.5
290	0.79	0.77	34.936	28.008	28.009	9.87	0.690	1457.4
300	0.74	0.72	34.935	28.011	28.012	9.60	0.700	1457.3
310	0.67	0.66	34.932	28.013	28.013	9.39	0.709	1457.1
320	0.62	0.60	34.931	28.015	28.016	9.14	0.719	1457.1
330	0.60	0.59	34.932	28.017	28.018	8.96	0.728	1457.2
340	0.57	0.55	34.932	28.019	28.020	8.74	0.736	1457.2
350	0.50	0.49	34.929	28.020	28.021	8.58	0.745	1457.0
360	0.48	0.46	34.928	28.021	28.022	8.52	0.754	1457.1
370	0.47	0.45	34.927	28.021	28.022	8.47	0.762	1457.2
380	0.44	0.43	34.928	28.023	28.024	8.27	0.771	1457.3
390	0.43	0.41	34.928	28.024	28.025	8.20	0.779	1457.4
400	0.38	0.36	34.925	28.024	28.025	8.12	0.787	1457.3
410	0.36	0.34	34.925	28.026	28.027	7.97	0.795	1457.4
420	0.34	0.32	34.924	28.026	28.028	7.88	0.803	1457.4
430	0.30	0.28	34.924	28.028	28.029	7.67	0.811	1457.4
440	0.28	0.26	34.925	28.030	28.031	7.50	0.818	1457.5
450	0.25	0.23	34.923	28.031	28.032	7.41	0.826	1457.5
460	0.20	0.18	34.921	28.032	28.033	7.21	0.833	1457.4
470	0.18	0.16	34.920	28.032	28.033	7.20	0.840	1457.5
480	0.15	0.13	34.918	28.032	28.033	7.18	0.847	1457.5
490	0.10	0.08	34.918	28.034	28.035	6.89	0.854	1457.5

500	0.07	0.05	34.916	28.035	28.036	6.79	0.861	1457.5
510	0.04	0.01	34.915	28.036	28.037	6.63	0.868	1457.5
520	-0.01	-0.04	34.909	28.034	28.035	6.78	0.875	1457.5
530	-0.05	-0.07	34.913	28.039	28.040	6.25	0.881	1457.7
540	-0.04	-0.07	34.914	28.039	28.041	6.20	0.887	1457.8
550	-0.06	-0.08	34.914	28.040	28.042	6.08	0.894	1458.0
560	-0.08	-0.10	34.914	28.041	28.042	6.02	0.900	1458.2
570	-0.10	-0.13	34.914	28.042	28.043	5.86	0.906	1458.3
580	-0.13	-0.15	34.915	28.044	28.045	5.61	0.911	1458.5
590	-0.14	-0.16	34.913	28.043	28.044	5.67	0.917	1458.7
600	-0.17	-0.19	34.912	28.044	28.046	5.52	0.923	1458.8
610	-0.18	-0.21	34.914	28.046	28.048	5.30	0.928	1459.0
620	-0.19	-0.22	34.914	28.047	28.048	5.25	0.933	1459.2
630	-0.21	-0.24	34.914	28.048	28.049	5.08	0.938	1459.3
640	-0.23	-0.25	34.913	28.048	28.050	5.01	0.943	1459.5
650	-0.24	-0.27	34.913	28.049	28.050	4.95	0.948	1459.6
660	-0.27	-0.30	34.913	28.050	28.052	4.75	0.953	1459.8
670	-0.29	-0.31	34.913	28.051	28.053	4.61	0.958	1460.0
680	-0.31	-0.33	34.911	28.051	28.052	4.63	0.963	1460.1
690	-0.33	-0.36	34.912	28.052	28.054	4.40	0.967	1460.3
700	-0.35	-0.37	34.911	28.052	28.054	4.36	0.971	1460.5
710	-0.36	-0.39	34.910	28.053	28.054	4.29	0.976	1460.6
720	-0.37	-0.40	34.912	28.054	28.056	4.11	0.980	1460.8
730	-0.38	-0.41	34.913	28.055	28.057	4.00	0.984	1461.0
740	-0.39	-0.42	34.912	28.055	28.056	4.00	0.988	1461.1
750	-0.40	-0.43	34.912	28.056	28.057	3.87	0.992	1461.3
760	-0.42	-0.45	34.912	28.056	28.058	3.80	0.996	1461.5
770	-0.43	-0.46	34.912	28.057	28.059	3.65	1.000	1461.6
780	-0.44	-0.47	34.913	28.058	28.060	3.53	1.003	1461.8
790	-0.46	-0.49	34.913	28.059	28.060	3.41	1.007	1462.0
800	-0.47	-0.50	34.913	28.060	28.061	3.32	1.010	1462.1
810	-0.47	-0.51	34.914	28.061	28.062	3.16	1.013	1462.3
820	-0.48	-0.52	34.914	28.061	28.063	3.12	1.016	1462.4
830	-0.49	-0.53	34.913	28.061	28.062	3.13	1.019	1462.6
840	-0.50	-0.54	34.914	28.062	28.064	2.94	1.023	1462.8
850	-0.52	-0.55	34.914	28.063	28.065	2.80	1.025	1462.9
860	-0.53	-0.56	34.914	28.063	28.065	2.77	1.028	1463.1
870	-0.53	-0.56	34.915	28.064	28.066	2.66	1.031	1463.3
880	-0.54	-0.58	34.913	28.063	28.065	2.68	1.034	1463.4
890	-0.55	-0.59	34.914	28.064	28.066	2.53	1.036	1463.6
900	-0.56	-0.60	34.914	28.065	28.066	2.46	1.039	1463.8
910	-0.57	-0.61	34.914	28.065	28.067	2.41	1.041	1463.9
920	-0.58	-0.62	34.915	28.067	28.068	2.22	1.043	1464.1
930	-0.58	-0.62	34.913	28.065	28.067	2.31	1.046	1464.3
940	-0.60	-0.63	34.916	28.068	28.069	2.04	1.048	1464.4
950	-0.60	-0.64	34.916	28.068	28.070	1.99	1.050	1464.6
960	-0.61	-0.64	34.916	28.068	28.070	1.93	1.052	1464.8
970	-0.61	-0.65	34.915	28.068	28.070	1.89	1.054	1464.9
980	-0.62	-0.66	34.915	28.068	28.070	1.86	1.056	1465.1
990	-0.63	-0.67	34.916	28.069	28.071	1.71	1.057	1465.3
1000	-0.63	-0.67	34.916	28.070	28.072	1.65	1.059	1465.4
1010	-0.64	-0.68	34.917	28.071	28.073	1.51	1.061	1465.6
1020	-0.64	-0.68	34.916	28.070	28.072	1.54	1.062	1465.8
1030	-0.65	-0.69	34.916	28.070	28.072	1.50	1.064	1465.9

1040	-0.65	-0.69	34.916	28.070	28.072	1.48	1.065	1466.1
1050	-0.66	-0.70	34.916	28.071	28.073	1.39	1.067	1466.3
1060	-0.66	-0.71	34.916	28.071	28.073	1.34	1.068	1466.4
1070	-0.67	-0.71	34.916	28.072	28.073	1.26	1.069	1466.6
1080	-0.67	-0.71	34.916	28.071	28.073	1.27	1.071	1466.8
1090	-0.68	-0.72	34.916	28.072	28.074	1.15	1.072	1466.9
1110	-0.69	-0.73	34.917	28.073	28.075	1.00	1.074	1467.3
1120	-0.69	-0.74	34.916	28.072	28.074	1.03	1.075	1467.4
1130	-0.70	-0.74	34.918	28.074	28.076	0.81	1.076	1467.6
1140	-0.71	-0.75	34.918	28.075	28.077	0.69	1.077	1467.8
1150	-0.71	-0.76	34.919	28.075	28.077	0.62	1.077	1467.9
1160	-0.71	-0.76	34.917	28.075	28.077	0.66	1.078	1468.1
1170	-0.72	-0.77	34.918	28.076	28.078	0.54	1.079	1468.3
1180	-0.72	-0.77	34.918	28.075	28.078	0.51	1.079	1468.4
1190	-0.72	-0.77	34.918	28.075	28.077	0.51	1.080	1468.6
1200	-0.73	-0.78	34.918	28.076	28.078	0.45	1.080	1468.8
1210	-0.73	-0.78	34.917	28.075	28.077	0.45	1.080	1468.9
1220	-0.73	-0.78	34.917	28.075	28.077	0.44	1.081	1469.1
1230	-0.73	-0.78	34.918	28.076	28.078	0.36	1.081	1469.3
1240	-0.73	-0.78	34.917	28.075	28.078	0.37	1.082	1469.4
1250	-0.74	-0.79	34.919	28.077	28.079	0.22	1.082	1469.6
1260	-0.73	-0.79	34.917	28.075	28.078	0.33	1.082	1469.7
1270	-0.74	-0.79	34.918	28.076	28.078	0.25	1.083	1469.9
1280	-0.74	-0.79	34.918	28.076	28.078	0.21	1.083	1470.1
1290	-0.73	-0.79	34.918	28.076	28.079	0.18	1.083	1470.3
1300	-0.74	-0.80	34.920	28.078	28.080	-0.02	1.083	1470.4
1310	-0.74	-0.80	34.919	28.077	28.079	0.06	1.083	1470.6
1320	-0.75	-0.80	34.919	28.077	28.079	0.03	1.083	1470.8
1330	-0.75	-0.80	34.919	28.078	28.080	-0.09	1.083	1470.9
1339	-0.75	-0.81	34.919	28.078	28.080	-0.10	1.083	1471.1
1350	-0.75	-0.81	34.919	28.078	28.080	-0.16	1.083	1471.3
1360	-0.75	-0.81	34.918	28.077	28.079	-0.09	1.083	1471.4
1370	-0.76	-0.82	34.919	28.078	28.080	-0.19	1.083	1471.6
1380	-0.76	-0.82	34.919	28.078	28.080	-0.24	1.083	1471.8

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	4.57	4.57	34.655	27.451	27.451	62.11	0.031	1468.6
10	4.58	4.58	34.653	27.448	27.448	62.47	0.062	1468.8
20	4.59	4.58	34.653	27.447	27.448	62.60	0.125	1468.9
30	3.81	3.81	34.560	27.456	27.456	61.85	0.187	1465.7
40	-0.29	-0.30	34.697	27.876	27.876	21.72	0.229	1449.4
50	-0.43	-0.43	34.753	27.928	27.928	16.78	0.248	1449.6
60	-0.44	-0.44	34.772	27.945	27.945	15.19	0.264	1449.8
70	-0.45	-0.46	34.795	27.963	27.964	13.41	0.278	1450.0
80	-0.36	-0.36	34.814	27.974	27.974	12.39	0.291	1450.2
90	-0.33	-0.34	34.821	27.979	27.979	11.95	0.303	1450.4
100	-0.23	-0.24	34.837	27.987	27.987	11.19	0.315	1450.5
110	-0.18	-0.18	34.848	27.993	27.993	10.66	0.326	1450.7
120	-0.17	-0.17	34.854	27.997	27.997	10.27	0.336	1450.9
130	-0.13	-0.13	34.857	27.997	27.997	10.25	0.347	1451.1
140	-0.21	-0.22	34.860	28.004	28.005	9.53	0.356	1451.2
150	-0.20	-0.21	34.861	28.005	28.005	9.47	0.366	1451.4
160	-0.21	-0.21	34.864	28.007	28.008	9.24	0.375	1451.6
170	-0.16	-0.17	34.871	28.011	28.011	8.96	0.384	1451.7
180	-0.14	-0.15	34.874	28.012	28.012	8.81	0.393	1451.9
190	-0.14	-0.14	34.874	28.012	28.012	8.84	0.402	1452.1
200	-0.09	-0.10	34.881	28.015	28.015	8.57	0.411	1452.2
210	-0.10	-0.11	34.883	28.017	28.018	8.33	0.419	1452.4
220	-0.06	-0.07	34.889	28.020	28.020	8.13	0.428	1452.6
230	-0.05	-0.06	34.891	28.021	28.021	8.02	0.436	1452.7
240	-0.02	-0.03	34.893	28.021	28.022	7.99	0.444	1452.9
250	0.01	0.00	34.900	28.025	28.026	7.63	0.451	1453.1
260	0.03	0.02	34.903	28.027	28.027	7.51	0.459	1453.4
270	0.03	0.02	34.904	28.027	28.028	7.47	0.466	1453.5
280	0.03	0.02	34.905	28.028	28.028	7.41	0.474	1453.7
290	0.05	0.04	34.908	28.029	28.030	7.28	0.481	1454.0
300	0.04	0.03	34.910	28.031	28.032	7.09	0.488	1454.1
310	0.03	0.02	34.909	28.031	28.032	7.09	0.496	1454.2
320	0.03	0.02	34.911	28.033	28.033	6.94	0.503	1454.4
330	0.01	0.00	34.914	28.036	28.036	6.65	0.509	1454.5
340	-0.01	-0.02	34.911	28.035	28.036	6.67	0.516	1454.6
350	-0.07	-0.08	34.907	28.035	28.035	6.66	0.523	1454.7
360	-0.06	-0.07	34.911	28.038	28.039	6.38	0.529	1454.9
370	-0.06	-0.07	34.912	28.038	28.039	6.35	0.536	1455.1
382	-0.06	-0.08	34.912	28.039	28.039	6.30	0.543	1455.2
390	-0.07	-0.08	34.912	28.039	28.040	6.24	0.548	1455.4
400	-0.08	-0.09	34.912	28.040	28.040	6.17	0.554	1455.5
410	-0.09	-0.11	34.913	28.041	28.042	5.99	0.560	1455.7
420	-0.11	-0.12	34.915	28.043	28.044	5.82	0.566	1455.9
430	-0.12	-0.14	34.915	28.044	28.045	5.69	0.572	1456.0
440	-0.15	-0.17	34.913	28.044	28.045	5.63	0.577	1456.2
450	-0.16	-0.18	34.914	28.046	28.047	5.48	0.583	1456.4
460	-0.19	-0.21	34.914	28.047	28.048	5.31	0.588	1456.5
470	-0.22	-0.24	34.914	28.048	28.049	5.16	0.594	1456.7
480	-0.23	-0.25	34.914	28.048	28.049	5.12	0.599	1456.9
490	-0.25	-0.27	34.915	28.051	28.051	4.88	0.604	1457.0

500	-0.26	-0.28	34.914	28.050	28.051	4.88	0.609	1457.2
510	-0.26	-0.28	34.914	28.051	28.052	4.83	0.613	1457.3
520	-0.27	-0.29	34.915	28.052	28.053	4.72	0.618	1457.5
530	-0.29	-0.31	34.915	28.052	28.053	4.62	0.623	1457.7
540	-0.30	-0.32	34.915	28.053	28.054	4.51	0.627	1457.8
550	-0.32	-0.34	34.914	28.054	28.055	4.43	0.632	1458.0
560	-0.34	-0.36	34.914	28.054	28.055	4.37	0.636	1458.2
570	-0.35	-0.38	34.914	28.055	28.056	4.22	0.641	1458.3
580	-0.36	-0.39	34.912	28.054	28.055	4.27	0.645	1458.5
590	-0.38	-0.41	34.914	28.056	28.058	4.03	0.649	1458.7
600	-0.40	-0.43	34.915	28.058	28.059	3.86	0.653	1458.8
610	-0.42	-0.44	34.915	28.059	28.060	3.71	0.657	1459.0
620	-0.43	-0.45	34.914	28.059	28.060	3.70	0.660	1459.2
630	-0.45	-0.47	34.916	28.061	28.062	3.44	0.664	1459.3
640	-0.45	-0.47	34.915	28.060	28.061	3.53	0.667	1459.5
650	-0.46	-0.49	34.915	28.061	28.062	3.39	0.671	1459.6
660	-0.47	-0.49	34.914	28.061	28.062	3.40	0.674	1459.8
670	-0.47	-0.50	34.916	28.062	28.064	3.22	0.678	1460.0
680	-0.48	-0.51	34.914	28.061	28.063	3.29	0.681	1460.1
690	-0.49	-0.52	34.916	28.063	28.064	3.12	0.684	1460.3
700	-0.50	-0.53	34.916	28.063	28.065	3.03	0.687	1460.5
710	-0.50	-0.53	34.916	28.064	28.065	2.99	0.690	1460.6
720	-0.51	-0.54	34.915	28.063	28.065	2.98	0.693	1460.8
730	-0.53	-0.56	34.916	28.065	28.067	2.76	0.696	1461.0
740	-0.54	-0.57	34.916	28.065	28.067	2.73	0.699	1461.1
750	-0.55	-0.57	34.916	28.066	28.067	2.64	0.701	1461.3
760	-0.55	-0.58	34.917	28.067	28.069	2.49	0.704	1461.5
770	-0.56	-0.59	34.916	28.067	28.068	2.47	0.706	1461.6
780	-0.57	-0.60	34.916	28.067	28.069	2.42	0.709	1461.8
790	-0.58	-0.61	34.917	28.068	28.069	2.30	0.711	1462.0
800	-0.59	-0.62	34.915	28.067	28.068	2.39	0.714	1462.1
810	-0.59	-0.62	34.918	28.069	28.071	2.11	0.716	1462.3
820	-0.60	-0.63	34.918	28.070	28.071	2.07	0.718	1462.5
830	-0.61	-0.64	34.917	28.070	28.071	2.03	0.720	1462.6
840	-0.61	-0.64	34.917	28.070	28.071	2.01	0.722	1462.8
850	-0.61	-0.64	34.917	28.070	28.071	1.95	0.724	1463.0
860	-0.62	-0.66	34.917	28.070	28.072	1.88	0.726	1463.1
870	-0.63	-0.66	34.918	28.071	28.073	1.75	0.728	1463.3
880	-0.64	-0.67	34.916	28.070	28.072	1.80	0.730	1463.4
890	-0.65	-0.68	34.918	28.072	28.073	1.63	0.731	1463.6
900	-0.65	-0.69	34.917	28.072	28.073	1.58	0.733	1463.8
910	-0.66	-0.69	34.918	28.073	28.074	1.48	0.734	1463.9
920	-0.66	-0.70	34.918	28.073	28.074	1.43	0.736	1464.1
930	-0.67	-0.70	34.919	28.074	28.076	1.30	0.737	1464.3
940	-0.67	-0.70	34.918	28.073	28.075	1.33	0.739	1464.4
950	-0.67	-0.71	34.919	28.074	28.075	1.27	0.740	1464.6
960	-0.67	-0.71	34.918	28.074	28.075	1.26	0.741	1464.8
970	-0.67	-0.71	34.919	28.074	28.076	1.18	0.742	1464.9
980	-0.67	-0.71	34.919	28.074	28.075	1.20	0.743	1465.1
990	-0.68	-0.71	34.918	28.073	28.075	1.22	0.745	1465.3
1000	-0.68	-0.72	34.918	28.073	28.075	1.17	0.746	1465.4

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
4	3.60	3.60	34.481	27.413	27.413	65.63	0.026	1464.4
10	3.61	3.61	34.481	27.412	27.412	65.79	0.066	1464.5
20	3.81	3.81	34.543	27.443	27.443	63.01	0.130	1465.6
30	1.31	1.31	34.562	27.672	27.672	41.17	0.182	1455.0
40	-0.27	-0.27	34.667	27.851	27.851	24.08	0.215	1449.3
50	-0.48	-0.49	34.724	27.907	27.907	18.74	0.236	1449.6
60	-0.48	-0.49	34.744	27.924	27.924	17.14	0.254	1449.8
70	-0.47	-0.48	34.765	27.940	27.940	15.60	0.271	1450.0
80	-0.43	-0.43	34.789	27.957	27.958	13.97	0.285	1450.2
90	-0.37	-0.38	34.807	27.970	27.970	12.82	0.299	1450.3
100	-0.29	-0.30	34.824	27.979	27.980	11.90	0.311	1450.5
110	-0.20	-0.20	34.841	27.988	27.988	11.09	0.323	1450.7
120	-0.16	-0.16	34.850	27.993	27.993	10.63	0.333	1450.9
130	-0.12	-0.12	34.852	27.993	27.993	10.68	0.344	1451.1
140	-0.06	-0.07	34.864	28.000	28.000	10.03	0.354	1451.2
150	-0.05	-0.05	34.867	28.001	28.001	9.91	0.364	1451.4
160	-0.02	-0.03	34.875	28.007	28.007	9.37	0.374	1451.6
170	0.00	0.00	34.878	28.007	28.008	9.33	0.383	1451.7
182	-0.13	-0.14	34.871	28.009	28.010	9.07	0.394	1451.9
190	-0.17	-0.18	34.869	28.009	28.009	9.08	0.402	1452.1
200	-0.13	-0.14	34.873	28.011	28.011	8.92	0.411	1452.2
210	-0.18	-0.19	34.873	28.013	28.013	8.68	0.419	1452.4
220	-0.08	-0.09	34.879	28.013	28.013	8.78	0.428	1452.6
230	-0.09	-0.10	34.886	28.019	28.020	8.13	0.437	1452.7
240	-0.07	-0.08	34.883	28.016	28.016	8.47	0.445	1452.9
250	-0.04	-0.05	34.889	28.019	28.020	8.16	0.453	1453.1
260	-0.03	-0.04	34.890	28.019	28.020	8.19	0.461	1453.2
270	-0.02	-0.03	34.892	28.020	28.021	8.09	0.470	1453.4
280	-0.01	-0.02	34.894	28.021	28.022	8.01	0.478	1453.6
290	0.00	-0.01	34.899	28.025	28.025	7.69	0.485	1453.7
300	0.01	0.00	34.900	28.025	28.026	7.64	0.493	1453.9
310	0.02	0.01	34.904	28.028	28.029	7.40	0.501	1454.2
320	0.02	0.00	34.903	28.027	28.028	7.43	0.508	1454.3
330	0.01	0.00	34.906	28.030	28.031	7.16	0.515	1454.4
340	0.02	0.01	34.908	28.030	28.031	7.16	0.523	1454.7
350	-0.01	-0.03	34.905	28.030	28.031	7.12	0.530	1454.7
360	-0.01	-0.03	34.906	28.031	28.032	7.03	0.537	1454.9
370	-0.02	-0.03	34.906	28.031	28.032	7.02	0.544	1455.0
380	-0.06	-0.07	34.907	28.034	28.035	6.75	0.551	1455.2
390	-0.09	-0.10	34.910	28.039	28.039	6.26	0.557	1455.4
400	-0.10	-0.12	34.905	28.035	28.036	6.56	0.564	1455.5
420	-0.14	-0.15	34.907	28.039	28.040	6.19	0.576	1455.9
430	-0.15	-0.17	34.906	28.039	28.040	6.14	0.583	1456.0
440	-0.16	-0.18	34.909	28.041	28.042	5.93	0.589	1456.2
450	-0.18	-0.20	34.907	28.041	28.041	5.95	0.594	1456.4
460	-0.19	-0.21	34.908	28.042	28.043	5.77	0.600	1456.5
470	-0.20	-0.22	34.909	28.043	28.044	5.65	0.606	1456.7
480	-0.22	-0.24	34.908	28.044	28.045	5.58	0.612	1456.8
490	-0.23	-0.25	34.908	28.044	28.045	5.50	0.617	1457.0
500	-0.25	-0.27	34.908	28.045	28.046	5.44	0.623	1457.2

510	-0.26	-0.28	34.908	28.046	28.047	5.30	0.628	1457.3
520	-0.28	-0.30	34.909	28.047	28.048	5.11	0.633	1457.5
530	-0.32	-0.34	34.908	28.049	28.050	4.94	0.638	1457.7
540	-0.33	-0.35	34.909	28.050	28.051	4.81	0.643	1457.8
550	-0.35	-0.37	34.909	28.051	28.052	4.65	0.648	1458.0
560	-0.36	-0.38	34.909	28.052	28.053	4.57	0.652	1458.2
570	-0.36	-0.38	34.909	28.052	28.053	4.55	0.657	1458.3
580	-0.37	-0.39	34.909	28.052	28.053	4.50	0.662	1458.5
590	-0.39	-0.41	34.910	28.054	28.055	4.29	0.666	1458.7
600	-0.39	-0.41	34.909	28.053	28.054	4.33	0.670	1458.8
610	-0.40	-0.43	34.910	28.054	28.055	4.21	0.675	1459.0
620	-0.41	-0.44	34.909	28.054	28.055	4.19	0.679	1459.1
630	-0.43	-0.45	34.911	28.056	28.057	3.93	0.683	1459.3
640	-0.45	-0.48	34.910	28.057	28.058	3.84	0.687	1459.5
650	-0.46	-0.49	34.911	28.058	28.059	3.72	0.690	1459.6
660	-0.47	-0.49	34.910	28.057	28.059	3.71	0.694	1459.8
670	-0.48	-0.51	34.911	28.059	28.060	3.55	0.698	1460.0
680	-0.51	-0.53	34.911	28.060	28.061	3.38	0.701	1460.1
690	-0.52	-0.54	34.912	28.061	28.062	3.25	0.705	1460.3
700	-0.52	-0.55	34.912	28.061	28.062	3.20	0.708	1460.5
710	-0.53	-0.55	34.910	28.060	28.061	3.26	0.711	1460.6
720	-0.53	-0.56	34.911	28.062	28.063	3.12	0.714	1460.8
730	-0.54	-0.57	34.912	28.062	28.063	3.03	0.717	1461.0
740	-0.54	-0.57	34.911	28.062	28.063	3.02	0.720	1461.1
750	-0.55	-0.58	34.913	28.063	28.064	2.89	0.723	1461.3
760	-0.55	-0.58	34.912	28.063	28.064	2.87	0.726	1461.5
770	-0.56	-0.59	34.911	28.062	28.064	2.90	0.729	1461.6
780	-0.56	-0.59	34.911	28.062	28.064	2.87	0.732	1461.8
790	-0.57	-0.60	34.912	28.064	28.065	2.75	0.735	1462.0
800	-0.57	-0.60	34.913	28.065	28.066	2.59	0.737	1462.1
810	-0.58	-0.61	34.913	28.064	28.066	2.61	0.740	1462.3
820	-0.58	-0.61	34.913	28.065	28.066	2.54	0.743	1462.4
830	-0.58	-0.62	34.912	28.065	28.066	2.55	0.745	1462.6
840	-0.59	-0.62	34.913	28.065	28.066	2.49	0.748	1462.8
850	-0.59	-0.63	34.913	28.066	28.067	2.37	0.750	1462.9
860	-0.60	-0.63	34.913	28.066	28.067	2.36	0.752	1463.1
870	-0.60	-0.63	34.912	28.065	28.067	2.39	0.755	1463.3
880	-0.60	-0.64	34.914	28.066	28.068	2.24	0.757	1463.4
890	-0.61	-0.64	34.913	28.066	28.068	2.21	0.759	1463.6
900	-0.61	-0.64	34.913	28.066	28.068	2.25	0.762	1463.8
910	-0.61	-0.64	34.913	28.066	28.068	2.21	0.764	1463.9
920	-0.61	-0.65	34.914	28.067	28.069	2.10	0.766	1464.1
930	-0.61	-0.65	34.913	28.066	28.068	2.14	0.768	1464.3
940	-0.62	-0.65	34.914	28.067	28.069	2.04	0.770	1464.4
950	-0.62	-0.66	34.914	28.067	28.069	1.99	0.772	1464.6

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	3.60	3.60	34.224	27.209	27.209	85.04	0.043	1464.0
10	3.60	3.60	34.225	27.209	27.209	85.02	0.085	1464.1
20	3.61	3.60	34.224	27.208	27.208	85.19	0.170	1464.3
30	3.61	3.60	34.221	27.206	27.206	85.46	0.255	1464.5
40	1.08	1.08	34.398	27.556	27.556	52.18	0.324	1453.9
50	-0.98	-0.99	34.578	27.810	27.811	27.83	0.364	1449.4
60	-0.77	-0.77	34.630	27.844	27.844	24.67	0.391	1449.6
70	-0.58	-0.58	34.677	27.874	27.874	21.86	0.414	1449.8
80	-0.36	-0.37	34.744	27.918	27.919	17.67	0.434	1450.1
90	-0.25	-0.25	34.772	27.935	27.936	16.08	0.450	1450.3
100	-0.14	-0.14	34.790	27.944	27.944	15.29	0.466	1450.5
110	-0.14	-0.14	34.815	27.964	27.964	13.39	0.480	1450.7
120	0.13	0.12	34.846	27.975	27.975	12.43	0.493	1451.5
130	0.14	0.14	34.846	27.974	27.974	12.52	0.506	1451.7
140	-0.04	-0.05	34.846	27.984	27.984	11.53	0.518	1451.2
150	0.04	0.04	34.857	27.989	27.989	11.09	0.529	1451.6
160	0.07	0.06	34.859	27.989	27.989	11.12	0.540	1451.9
170	0.10	0.10	34.866	27.992	27.993	10.79	0.551	1452.2
180	0.22	0.21	34.882	27.999	28.000	10.20	0.562	1452.9
190	0.31	0.31	34.891	28.001	28.001	10.12	0.572	1453.5
200	0.33	0.32	34.892	28.001	28.001	10.11	0.582	1453.8
210	0.35	0.34	34.896	28.003	28.003	9.98	0.592	1454.0
220	0.54	0.53	34.914	28.006	28.007	9.76	0.602	1455.0
230	0.40	0.39	34.901	28.004	28.005	9.89	0.612	1454.6
240	0.32	0.31	34.905	28.012	28.012	9.14	0.621	1454.4
250	0.37	0.36	34.906	28.010	28.011	9.33	0.631	1454.8
260	0.36	0.35	34.909	28.012	28.013	9.10	0.640	1454.9
270	0.34	0.33	34.911	28.015	28.016	8.83	0.649	1455.0
280	0.33	0.32	34.911	28.016	28.017	8.76	0.657	1455.1
290	0.32	0.31	34.911	28.017	28.018	8.66	0.666	1455.2
300	0.27	0.26	34.907	28.017	28.017	8.66	0.675	1455.1
310	0.30	0.28	34.912	28.019	28.020	8.46	0.683	1455.4
320	0.25	0.24	34.912	28.021	28.022	8.21	0.692	1455.4
330	0.23	0.21	34.910	28.021	28.022	8.19	0.700	1455.4
340	0.22	0.21	34.914	28.025	28.025	7.89	0.708	1455.6
350	0.18	0.17	34.916	28.028	28.029	7.51	0.716	1455.6
360	0.16	0.15	34.917	28.030	28.031	7.34	0.723	1455.6
370	0.15	0.14	34.916	28.030	28.031	7.33	0.730	1455.7
380	0.13	0.11	34.915	28.031	28.032	7.24	0.738	1455.8
390	0.12	0.10	34.916	28.032	28.033	7.13	0.745	1455.9
400	0.10	0.08	34.915	28.032	28.033	7.09	0.752	1456.0
410	0.07	0.05	34.912	28.032	28.033	7.06	0.759	1456.0
420	0.04	0.02	34.913	28.034	28.035	6.80	0.766	1456.1
430	0.00	-0.02	34.909	28.033	28.034	6.88	0.773	1456.0
460	-0.06	-0.08	34.910	28.037	28.038	6.44	0.793	1456.5
470	-0.08	-0.10	34.911	28.038	28.039	6.26	0.799	1456.7
480	-0.11	-0.13	34.910	28.039	28.040	6.14	0.805	1456.8
490	-0.13	-0.15	34.911	28.041	28.042	5.91	0.811	1457.0
500	-0.15	-0.17	34.910	28.042	28.043	5.82	0.817	1457.2
510	-0.17	-0.19	34.910	28.043	28.044	5.68	0.823	1457.3

520	-0.19	-0.21	34.909	28.043	28.044	5.68	0.829	1457.5
530	-0.21	-0.23	34.910	28.044	28.045	5.50	0.834	1457.7
540	-0.24	-0.26	34.908	28.044	28.045	5.46	0.840	1457.8
550	-0.27	-0.29	34.907	28.045	28.046	5.31	0.845	1458.0
560	-0.28	-0.30	34.908	28.047	28.048	5.14	0.850	1458.2
570	-0.30	-0.32	34.910	28.049	28.050	4.87	0.855	1458.3
580	-0.32	-0.34	34.909	28.049	28.050	4.83	0.860	1458.5
591	-0.33	-0.35	34.908	28.049	28.050	4.81	0.866	1458.7
600	-0.33	-0.36	34.910	28.051	28.052	4.67	0.870	1458.8
610	-0.35	-0.37	34.909	28.051	28.052	4.61	0.874	1459.0
620	-0.36	-0.38	34.910	28.052	28.053	4.46	0.879	1459.1
630	-0.37	-0.39	34.909	28.052	28.053	4.45	0.883	1459.3
640	-0.38	-0.41	34.909	28.053	28.054	4.34	0.888	1459.5
650	-0.39	-0.42	34.910	28.054	28.055	4.22	0.892	1459.6
660	-0.40	-0.43	34.910	28.054	28.055	4.16	0.896	1459.8
670	-0.42	-0.45	34.910	28.055	28.056	4.01	0.900	1460.0
680	-0.43	-0.45	34.908	28.054	28.055	4.08	0.904	1460.1
690	-0.44	-0.47	34.907	28.054	28.055	4.07	0.909	1460.3
700	-0.46	-0.49	34.909	28.056	28.057	3.81	0.912	1460.5
710	-0.47	-0.50	34.909	28.057	28.058	3.68	0.916	1460.6
720	-0.49	-0.51	34.909	28.057	28.058	3.62	0.920	1460.8
730	-0.49	-0.52	34.910	28.058	28.060	3.48	0.923	1461.0
740	-0.50	-0.53	34.910	28.059	28.061	3.36	0.927	1461.1
750	-0.52	-0.54	34.911	28.060	28.062	3.21	0.930	1461.3
760	-0.52	-0.55	34.910	28.060	28.061	3.21	0.933	1461.5
770	-0.53	-0.56	34.910	28.061	28.062	3.13	0.936	1461.6
780	-0.54	-0.57	34.911	28.062	28.063	3.00	0.940	1461.8
790	-0.55	-0.58	34.910	28.061	28.062	3.05	0.943	1461.9
800	-0.55	-0.58	34.910	28.061	28.063	2.96	0.946	1462.1
810	-0.55	-0.59	34.911	28.062	28.063	2.88	0.949	1462.3
820	-0.56	-0.59	34.911	28.062	28.064	2.84	0.951	1462.4
830	-0.57	-0.60	34.911	28.063	28.065	2.72	0.954	1462.6
840	-0.58	-0.61	34.914	28.066	28.068	2.38	0.957	1462.8
850	-0.58	-0.62	34.912	28.064	28.066	2.56	0.959	1462.9
860	-0.59	-0.62	34.912	28.065	28.066	2.48	0.962	1463.1
870	-0.59	-0.63	34.911	28.064	28.066	2.52	0.964	1463.3
880	-0.60	-0.63	34.913	28.066	28.067	2.34	0.967	1463.4
890	-0.60	-0.64	34.913	28.066	28.067	2.28	0.969	1463.6
900	-0.61	-0.65	34.913	28.067	28.068	2.16	0.971	1463.8
910	-0.62	-0.66	34.913	28.067	28.069	2.07	0.973	1463.9
920	-0.62	-0.66	34.914	28.068	28.069	2.02	0.975	1464.1
930	-0.64	-0.67	34.915	28.069	28.071	1.85	0.977	1464.3
940	-0.64	-0.68	34.916	28.070	28.071	1.73	0.979	1464.4
950	-0.64	-0.68	34.915	28.069	28.071	1.77	0.981	1464.6
960	-0.65	-0.68	34.915	28.070	28.071	1.69	0.983	1464.8
970	-0.65	-0.69	34.914	28.069	28.071	1.71	0.984	1464.9
980	-0.66	-0.70	34.914	28.070	28.071	1.62	0.986	1465.1
990	-0.67	-0.71	34.915	28.071	28.072	1.50	0.987	1465.3
1000	-0.67	-0.71	34.914	28.070	28.072	1.51	0.989	1465.4
1010	-0.67	-0.71	34.914	28.070	28.071	1.53	0.990	1465.6
1020	-0.68	-0.72	34.915	28.071	28.073	1.38	0.992	1465.8
1030	-0.68	-0.72	34.915	28.071	28.073	1.36	0.993	1465.9
1040	-0.68	-0.72	34.914	28.070	28.072	1.39	0.995	1466.1
1050	-0.70	-0.74	34.915	28.072	28.073	1.20	0.996	1466.3

1060	-0.70	-0.74	34.914	28.071	28.073	1.22	0.997	1466.4
1070	-0.70	-0.74	34.915	28.072	28.074	1.11	0.998	1466.6
1080	-0.70	-0.74	34.915	28.072	28.074	1.09	0.999	1466.8
1090	-0.70	-0.75	34.915	28.072	28.074	1.06	1.001	1466.9
1100	-0.71	-0.75	34.913	28.071	28.073	1.13	1.002	1467.1
1110	-0.71	-0.76	34.914	28.072	28.074	1.01	1.003	1467.3
1120	-0.71	-0.76	34.916	28.073	28.075	0.88	1.004	1467.4
1130	-0.72	-0.76	34.915	28.073	28.075	0.86	1.004	1467.6
1140	-0.72	-0.77	34.915	28.073	28.075	0.84	1.005	1467.8
1150	-0.72	-0.77	34.915	28.073	28.075	0.80	1.006	1467.9
1160	-0.72	-0.77	34.914	28.072	28.074	0.86	1.007	1468.1
1170	-0.73	-0.78	34.915	28.073	28.075	0.73	1.008	1468.2
1180	-0.73	-0.78	34.915	28.074	28.076	0.64	1.008	1468.4
1190	-0.73	-0.78	34.915	28.074	28.076	0.64	1.009	1468.6
1200	-0.74	-0.78	34.915	28.074	28.076	0.61	1.010	1468.7
1210	-0.74	-0.79	34.916	28.074	28.076	0.54	1.010	1468.9
1220	-0.74	-0.79	34.915	28.074	28.076	0.56	1.011	1469.1

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	2.95	2.95	33.912	27.021	27.021	102.81	0.051	1460.8
10	2.96	2.95	33.919	27.026	27.026	102.37	0.103	1461.0
20	3.11	3.11	33.961	27.046	27.046	100.59	0.204	1461.8
30	3.50	3.50	34.118	27.135	27.135	92.22	0.301	1463.9
41	2.26	2.26	34.040	27.182	27.182	87.72	0.400	1458.6
50	-1.15	-1.15	34.260	27.559	27.559	51.55	0.462	1449.0
60	-1.52	-1.53	34.438	27.716	27.716	36.65	0.506	1449.4
70	-1.41	-1.41	34.513	27.773	27.773	31.21	0.540	1449.6
80	-1.00	-1.00	34.605	27.833	27.833	25.57	0.569	1449.9
90	-0.62	-0.62	34.670	27.870	27.871	22.13	0.592	1450.2
100	-0.21	-0.22	34.732	27.901	27.901	19.37	0.613	1450.4
110	0.33	0.32	34.807	27.932	27.932	16.56	0.631	1452.2
120	0.77	0.76	34.871	27.957	27.957	14.35	0.647	1454.4
130	0.99	0.99	34.893	27.960	27.961	14.15	0.661	1455.6
140	1.01	1.01	34.901	27.965	27.966	13.69	0.675	1455.9
150	0.97	0.96	34.907	27.973	27.973	12.97	0.688	1455.8
160	0.93	0.92	34.914	27.982	27.982	12.17	0.701	1455.8
170	0.96	0.95	34.914	27.980	27.980	12.41	0.713	1456.1
180	0.97	0.96	34.919	27.982	27.983	12.15	0.725	1456.3
190	0.93	0.92	34.927	27.992	27.992	11.29	0.737	1456.4
200	0.94	0.93	34.925	27.989	27.989	11.60	0.748	1456.6
210	1.02	1.01	34.937	27.993	27.994	11.22	0.760	1457.1
220	1.02	1.01	34.938	27.994	27.995	11.16	0.771	1457.2
230	0.96	0.95	34.931	27.993	27.994	11.28	0.782	1457.2
240	0.92	0.91	34.937	28.000	28.001	10.64	0.793	1457.2
250	0.90	0.89	34.936	28.001	28.002	10.53	0.804	1457.2
260	0.90	0.89	34.941	28.005	28.005	10.21	0.814	1457.4
270	0.81	0.80	34.933	28.004	28.005	10.19	0.824	1457.1
280	0.73	0.72	34.931	28.008	28.009	9.83	0.834	1456.9
290	0.73	0.71	34.931	28.008	28.009	9.86	0.844	1457.1
300	0.70	0.69	34.932	28.010	28.011	9.66	0.854	1457.1
310	0.66	0.65	34.926	28.008	28.009	9.77	0.864	1457.1
320	0.63	0.61	34.929	28.013	28.014	9.34	0.873	1457.1
330	0.59	0.57	34.925	28.012	28.013	9.42	0.883	1457.1
340	0.54	0.52	34.926	28.016	28.017	9.00	0.892	1457.0
350	0.48	0.46	34.921	28.015	28.016	9.01	0.901	1456.9
360	0.43	0.42	34.919	28.016	28.017	8.89	0.910	1456.9
370	0.39	0.37	34.918	28.018	28.019	8.69	0.919	1456.8
379	0.30	0.29	34.920	28.025	28.026	7.98	0.926	1456.6
390	0.25	0.23	34.921	28.028	28.029	7.58	0.934	1456.5
400	0.25	0.23	34.915	28.024	28.025	8.04	0.942	1456.7
410	0.25	0.24	34.915	28.024	28.025	8.03	0.950	1456.9
420	0.26	0.24	34.917	28.025	28.026	7.96	0.958	1457.1
430	0.23	0.22	34.919	28.028	28.029	7.66	0.966	1457.1
440	0.23	0.21	34.919	28.028	28.029	7.64	0.973	1457.3
450	0.21	0.19	34.919	28.029	28.030	7.49	0.981	1457.3
460	0.18	0.16	34.916	28.029	28.030	7.52	0.988	1457.4
470	0.15	0.13	34.915	28.030	28.031	7.35	0.996	1457.4
480	0.10	0.08	34.915	28.032	28.033	7.10	1.003	1457.3
490	0.08	0.06	34.915	28.034	28.035	6.89	1.010	1457.4

500	0.04	0.02	34.914	28.035	28.036	6.75	1.017	1457.4
510	0.02	0.00	34.913	28.035	28.036	6.72	1.023	1457.4
520	-0.01	-0.03	34.912	28.036	28.037	6.59	1.030	1457.5
530	-0.03	-0.05	34.911	28.036	28.037	6.54	1.037	1457.7
540	-0.05	-0.07	34.912	28.038	28.039	6.33	1.043	1457.8
550	-0.07	-0.09	34.914	28.041	28.042	6.02	1.049	1458.0
560	-0.09	-0.12	34.913	28.041	28.043	5.92	1.055	1458.2
570	-0.12	-0.14	34.911	28.041	28.042	5.93	1.061	1458.3
580	-0.14	-0.16	34.911	28.042	28.043	5.79	1.067	1458.5
590	-0.16	-0.19	34.912	28.044	28.045	5.61	1.073	1458.7
600	-0.18	-0.21	34.912	28.044	28.046	5.49	1.078	1458.8
630	-0.25	-0.28	34.911	28.048	28.049	5.03	1.094	1459.3
730	-0.39	-0.42	34.910	28.054	28.055	4.11	1.140	1461.0
740	-0.40	-0.43	34.911	28.054	28.056	4.03	1.144	1461.1
750	-0.42	-0.45	34.910	28.055	28.056	3.93	1.148	1461.3
760	-0.43	-0.46	34.910	28.056	28.057	3.81	1.152	1461.5
770	-0.45	-0.48	34.910	28.057	28.058	3.68	1.155	1461.6
780	-0.46	-0.49	34.909	28.057	28.058	3.64	1.159	1461.8
790	-0.48	-0.51	34.910	28.058	28.059	3.49	1.163	1461.9
800	-0.49	-0.52	34.911	28.059	28.060	3.33	1.166	1462.1
810	-0.50	-0.53	34.911	28.060	28.061	3.20	1.169	1462.3
820	-0.52	-0.55	34.912	28.061	28.063	3.04	1.172	1462.4
830	-0.52	-0.56	34.911	28.061	28.062	3.02	1.175	1462.6
840	-0.53	-0.56	34.911	28.061	28.063	2.98	1.178	1462.8
850	-0.54	-0.57	34.912	28.063	28.064	2.80	1.181	1462.9
860	-0.55	-0.58	34.912	28.063	28.064	2.77	1.184	1463.1
870	-0.55	-0.59	34.911	28.062	28.064	2.75	1.187	1463.3
880	-0.56	-0.59	34.913	28.064	28.065	2.60	1.190	1463.4
890	-0.57	-0.60	34.913	28.064	28.066	2.50	1.192	1463.6
900	-0.58	-0.61	34.915	28.067	28.068	2.25	1.195	1463.8
910	-0.58	-0.62	34.912	28.064	28.066	2.48	1.197	1463.9
920	-0.59	-0.62	34.912	28.065	28.067	2.36	1.199	1464.1
930	-0.59	-0.63	34.913	28.066	28.068	2.24	1.202	1464.3
940	-0.60	-0.64	34.913	28.066	28.067	2.23	1.204	1464.4
950	-0.61	-0.64	34.912	28.065	28.067	2.22	1.206	1464.6
960	-0.61	-0.65	34.913	28.067	28.068	2.05	1.208	1464.8
970	-0.62	-0.66	34.914	28.068	28.069	1.93	1.210	1464.9
980	-0.63	-0.66	34.914	28.068	28.069	1.91	1.212	1465.1
990	-0.63	-0.67	34.914	28.068	28.070	1.82	1.214	1465.3
1000	-0.63	-0.67	34.914	28.068	28.070	1.77	1.216	1465.4
1010	-0.64	-0.68	34.914	28.069	28.071	1.69	1.218	1465.6
1020	-0.65	-0.69	34.914	28.069	28.071	1.67	1.219	1465.8
1030	-0.65	-0.70	34.913	28.069	28.070	1.64	1.221	1465.9
1040	-0.66	-0.70	34.913	28.069	28.071	1.58	1.222	1466.1
1050	-0.66	-0.71	34.915	28.071	28.072	1.40	1.224	1466.3
1060	-0.67	-0.71	34.915	28.071	28.072	1.37	1.225	1466.4
1070	-0.67	-0.72	34.916	28.071	28.073	1.26	1.227	1466.6
1080	-0.68	-0.72	34.915	28.071	28.073	1.27	1.228	1466.8
1090	-0.68	-0.73	34.915	28.071	28.073	1.23	1.229	1466.9
1100	-0.69	-0.73	34.914	28.071	28.073	1.20	1.230	1467.1
1110	-0.69	-0.74	34.917	28.073	28.075	0.93	1.231	1467.3
1120	-0.69	-0.74	34.916	28.072	28.074	1.02	1.232	1467.4
1130	-0.70	-0.75	34.915	28.072	28.074	1.00	1.233	1467.6
1140	-0.71	-0.75	34.915	28.073	28.075	0.92	1.234	1467.8

1150	-0.71	-0.76	34.916	28.073	28.076	0.80	1.235	1467.9
1160	-0.71	-0.76	34.915	28.073	28.075	0.85	1.236	1468.1
1170	-0.72	-0.76	34.916	28.073	28.075	0.75	1.237	1468.3
1180	-0.72	-0.77	34.915	28.073	28.075	0.74	1.238	1468.4
1190	-0.72	-0.77	34.916	28.074	28.076	0.64	1.238	1468.6
1200	-0.73	-0.78	34.917	28.075	28.077	0.51	1.239	1468.8
1210	-0.73	-0.78	34.916	28.075	28.077	0.51	1.239	1468.9
1220	-0.74	-0.79	34.915	28.074	28.076	0.54	1.240	1469.1
1230	-0.74	-0.79	34.916	28.075	28.077	0.39	1.240	1469.2
1240	-0.75	-0.80	34.915	28.074	28.077	0.42	1.241	1469.4
1250	-0.75	-0.80	34.917	28.076	28.078	0.22	1.241	1469.6
1260	-0.76	-0.81	34.915	28.075	28.077	0.31	1.241	1469.7
1270	-0.76	-0.81	34.916	28.075	28.077	0.24	1.242	1469.9
1280	-0.76	-0.82	34.917	28.076	28.078	0.12	1.242	1470.1
1290	-0.77	-0.82	34.916	28.076	28.078	0.12	1.242	1470.2
1300	-0.77	-0.82	34.916	28.076	28.079	0.03	1.242	1470.4
1310	-0.77	-0.83	34.916	28.076	28.078	0.01	1.242	1470.6
1320	-0.78	-0.83	34.915	28.076	28.078	0.02	1.242	1470.7
1330	-0.78	-0.83	34.916	28.076	28.079	-0.08	1.242	1470.9
1340	-0.78	-0.84	34.915	28.076	28.078	-0.06	1.242	1471.1
1350	-0.79	-0.84	34.915	28.076	28.078	-0.11	1.242	1471.2
1360	-0.79	-0.85	34.916	28.077	28.080	-0.25	1.242	1471.4
1370	-0.80	-0.85	34.917	28.078	28.080	-0.33	1.241	1471.6
1380	-0.80	-0.86	34.915	28.076	28.079	-0.24	1.241	1471.7
1390	-0.80	-0.86	34.917	28.078	28.080	-0.42	1.241	1471.9
1400	-0.80	-0.86	34.918	28.079	28.081	-0.52	1.240	1472.1
1410	-0.81	-0.87	34.916	28.077	28.080	-0.45	1.240	1472.2
1420	-0.81	-0.87	34.916	28.078	28.080	-0.49	1.239	1472.4
1430	-0.81	-0.87	34.916	28.077	28.080	-0.51	1.239	1472.6
1440	-0.82	-0.88	34.916	28.078	28.080	-0.56	1.238	1472.7
1450	-0.82	-0.88	34.916	28.078	28.081	-0.66	1.238	1472.9
1460	-0.82	-0.89	34.916	28.078	28.081	-0.68	1.237	1473.1
1470	-0.83	-0.89	34.916	28.078	28.081	-0.71	1.236	1473.3
1480	-0.83	-0.89	34.915	28.078	28.081	-0.74	1.236	1473.4
1490	-0.83	-0.90	34.916	28.078	28.081	-0.82	1.235	1473.6
1500	-0.84	-0.90	34.916	28.079	28.082	-0.91	1.234	1473.8
1510	-0.84	-0.90	34.915	28.078	28.081	-0.87	1.233	1473.9
1520	-0.84	-0.91	34.916	28.079	28.081	-0.95	1.232	1474.1
1530	-0.85	-0.91	34.916	28.079	28.082	-1.01	1.231	1474.3
1540	-0.85	-0.91	34.915	28.078	28.081	-0.98	1.230	1474.4
1550	-0.85	-0.92	34.915	28.079	28.081	-1.04	1.229	1474.6
1560	-0.86	-0.92	34.915	28.078	28.081	-1.06	1.228	1474.8
1570	-0.86	-0.93	34.915	28.079	28.082	-1.17	1.227	1474.9
1580	-0.86	-0.93	34.915	28.079	28.082	-1.17	1.226	1475.1

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	0.14	0.14	31.991	25.671	25.671	230.94	0.115	1445.8
10	0.11	0.11	32.088	25.751	25.751	223.35	0.229	1445.9
20	0.73	0.73	32.386	25.959	25.959	203.51	0.442	1449.3
30	1.68	1.68	32.542	26.025	26.025	197.30	0.643	1453.9
40	1.09	1.09	32.675	26.171	26.171	183.46	0.833	1451.6
50	-1.18	-1.19	33.368	26.837	26.837	119.98	0.985	1447.8
60	-1.55	-1.55	33.690	27.109	27.109	94.03	1.092	1448.4
70	-1.51	-1.51	33.903	27.281	27.281	77.72	1.178	1448.8
80	-1.54	-1.54	34.004	27.364	27.364	69.80	1.252	1449.1
90	-1.51	-1.52	34.104	27.444	27.444	62.16	1.318	1449.4
100	-1.53	-1.53	34.175	27.503	27.503	56.56	1.377	1449.7
110	-1.49	-1.49	34.233	27.549	27.549	52.17	1.431	1449.9
120	-1.34	-1.35	34.280	27.582	27.582	49.07	1.482	1450.1
130	-1.17	-1.18	34.332	27.618	27.618	45.64	1.529	1450.4
140	-0.89	-0.89	34.408	27.669	27.670	40.89	1.573	1450.6
150	-0.46	-0.46	34.510	27.733	27.733	35.03	1.611	1450.9
160	0.08	0.08	34.617	27.793	27.793	29.63	1.643	1451.6
170	0.38	0.37	34.683	27.829	27.830	26.31	1.671	1453.2
180	0.68	0.67	34.773	27.883	27.884	21.39	1.695	1454.9
190	0.89	0.88	34.804	27.895	27.896	20.36	1.716	1456.0
200	0.96	0.95	34.830	27.912	27.912	18.88	1.735	1456.5
210	1.10	1.09	34.861	27.927	27.928	17.51	1.753	1457.3
220	1.19	1.17	34.881	27.937	27.938	16.68	1.770	1457.9
230	1.17	1.16	34.889	27.945	27.945	15.97	1.787	1458.0
240	1.19	1.18	34.901	27.953	27.954	15.19	1.802	1458.3
250	1.17	1.15	34.906	27.959	27.960	14.67	1.817	1458.4
260	1.12	1.11	34.907	27.963	27.963	14.33	1.832	1458.3
270	1.12	1.11	34.917	27.971	27.971	13.61	1.846	1458.5
280	1.14	1.13	34.923	27.974	27.975	13.29	1.859	1458.8
290	1.14	1.13	34.927	27.977	27.978	13.03	1.872	1458.9
300	1.12	1.10	34.932	27.983	27.984	12.55	1.885	1459.0
310	1.11	1.09	34.933	27.984	27.985	12.42	1.898	1459.1
320	1.11	1.09	34.937	27.987	27.989	12.14	1.910	1459.3
330	1.10	1.08	34.938	27.989	27.990	11.99	1.922	1459.4
340	1.10	1.08	34.942	27.992	27.993	11.73	1.934	1459.6
350	1.11	1.09	34.945	27.994	27.995	11.64	1.946	1459.8
360	1.09	1.07	34.944	27.995	27.996	11.57	1.957	1459.9
370	1.07	1.05	34.944	27.996	27.997	11.45	1.969	1459.9
380	1.04	1.03	34.951	28.004	28.005	10.74	1.980	1460.0
390	1.05	1.03	34.949	28.001	28.002	11.00	1.991	1460.2
400	1.05	1.03	34.948	28.000	28.002	11.09	2.002	1460.3
410	1.02	1.00	34.947	28.002	28.003	10.97	2.013	1460.4
420	0.99	0.97	34.948	28.005	28.006	10.68	2.024	1460.4
430	0.96	0.94	34.946	28.005	28.006	10.63	2.034	1460.5
440	0.93	0.91	34.943	28.005	28.006	10.64	2.045	1460.5
450	0.87	0.85	34.938	28.005	28.006	10.60	2.055	1460.3
460	0.77	0.74	34.933	28.007	28.008	10.29	2.066	1460.0
470	0.73	0.70	34.933	28.010	28.011	10.01	2.076	1460.0
480	0.71	0.69	34.935	28.012	28.014	9.76	2.086	1460.1
490	0.71	0.68	34.933	28.011	28.013	9.85	2.096	1460.3

500	0.66	0.63	34.932	28.013	28.014	9.64	2.105	1460.2
510	0.59	0.57	34.928	28.013	28.015	9.53	2.115	1460.1
520	0.58	0.55	34.925	28.012	28.014	9.63	2.125	1460.2
530	0.54	0.51	34.926	28.015	28.017	9.31	2.134	1460.2
540	0.48	0.45	34.921	28.015	28.017	9.22	2.143	1460.0
550	0.43	0.40	34.920	28.018	28.019	8.94	2.152	1460.0
560	0.41	0.39	34.922	28.020	28.021	8.75	2.161	1460.1
570	0.38	0.36	34.920	28.020	28.022	8.65	2.170	1460.1
580	0.38	0.35	34.924	28.024	28.025	8.33	2.178	1460.2
590	0.38	0.35	34.923	28.023	28.024	8.42	2.187	1460.4
600	0.36	0.33	34.922	28.023	28.025	8.36	2.195	1460.5
610	0.34	0.32	34.923	28.025	28.026	8.19	2.204	1460.6
620	0.32	0.29	34.923	28.026	28.027	8.07	2.212	1460.6
630	0.29	0.27	34.920	28.025	28.027	8.08	2.220	1460.7
640	0.25	0.22	34.919	28.027	28.029	7.83	2.228	1460.6
650	0.24	0.21	34.920	28.028	28.030	7.71	2.235	1460.7
660	0.21	0.18	34.918	28.028	28.030	7.66	2.243	1460.8
670	0.17	0.14	34.915	28.029	28.030	7.57	2.251	1460.8
680	0.14	0.11	34.915	28.030	28.032	7.37	2.258	1460.8
690	0.13	0.10	34.915	28.030	28.032	7.38	2.266	1460.9
700	0.11	0.08	34.913	28.030	28.032	7.29	2.273	1461.0
710	0.10	0.07	34.914	28.032	28.033	7.15	2.280	1461.1
720	0.09	0.06	34.914	28.032	28.034	7.09	2.287	1461.2
730	0.07	0.04	34.912	28.032	28.034	7.08	2.294	1461.3
740	0.06	0.03	34.914	28.034	28.035	6.91	2.301	1461.4
750	0.04	0.01	34.913	28.034	28.036	6.80	2.308	1461.5
760	0.04	0.00	34.915	28.036	28.038	6.62	2.315	1461.6
770	0.01	-0.03	34.915	28.037	28.039	6.43	2.321	1461.6
780	-0.02	-0.05	34.914	28.037	28.039	6.39	2.328	1461.8
790	-0.04	-0.07	34.913	28.038	28.040	6.25	2.334	1462.0
800	-0.05	-0.09	34.913	28.039	28.040	6.20	2.340	1462.1

B87.427

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	0.36	0.36	32.132	25.774	25.774	221.13	0.111	1447.1
10	0.36	0.36	32.133	25.775	25.775	221.00	0.221	1447.1
20	0.31	0.31	32.274	25.892	25.892	209.92	0.437	1447.2
30	1.22	1.21	32.442	25.976	25.976	201.99	0.643	1451.7
40	-0.59	-0.59	33.185	26.667	26.667	136.21	0.812	1447.4
50	-1.47	-1.47	33.449	26.911	26.911	112.85	0.936	1447.9
60	-1.58	-1.59	33.739	27.150	27.150	90.15	1.038	1448.4
70	-1.55	-1.55	33.865	27.251	27.251	80.54	1.123	1448.8
80	-1.53	-1.53	33.991	27.353	27.353	70.85	1.199	1449.1
90	-1.55	-1.55	34.062	27.412	27.412	65.25	1.267	1449.3
100	-1.51	-1.51	34.159	27.489	27.489	57.89	1.328	1449.6
110	-1.44	-1.44	34.220	27.536	27.536	53.41	1.384	1449.9
120	-1.33	-1.34	34.291	27.591	27.591	48.23	1.435	1450.1
130	-1.12	-1.12	34.364	27.642	27.642	43.40	1.481	1450.4
140	-0.78	-0.78	34.451	27.699	27.700	38.10	1.521	1450.7
150	-0.40	-0.41	34.525	27.743	27.743	34.10	1.557	1450.9
160	0.07	0.06	34.641	27.813	27.813	27.72	1.588	1451.6
170	0.27	0.26	34.684	27.836	27.837	25.59	1.615	1452.7
180	0.59	0.59	34.766	27.883	27.883	21.35	1.638	1454.5
190	0.81	0.80	34.837	27.927	27.928	17.33	1.658	1455.7
200	0.92	0.91	34.882	27.956	27.956	14.72	1.674	1456.4
210	0.83	0.82	34.890	27.968	27.969	13.52	1.688	1456.2
220	0.80	0.79	34.897	27.975	27.976	12.81	1.701	1456.2
230	0.80	0.79	34.898	27.976	27.977	12.78	1.714	1456.4

B87.429

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	0.79	0.79	31.349	25.122	25.122	283.18	0.142	1448.0
10	0.66	0.66	31.486	25.238	25.238	272.06	0.280	1447.7
20	0.69	0.69	31.561	25.297	25.298	266.40	0.550	1448.0
30	-0.06	-0.06	32.124	25.787	25.787	219.75	0.793	1445.8
40	-1.63	-1.63	32.871	26.446	26.446	157.05	0.981	1446.9
50	-1.63	-1.64	33.213	26.724	26.724	130.56	1.125	1447.6
61	-1.53	-1.53	33.518	26.969	26.969	107.35	1.256	1448.1
100	-1.48	-1.48	34.088	27.430	27.430	63.44	1.589	1449.5
110	-1.46	-1.47	34.170	27.497	27.497	57.09	1.649	1449.8
120	-1.47	-1.47	34.204	27.525	27.525	54.42	1.705	1450.0
130	-1.20	-1.21	34.272	27.571	27.571	50.13	1.757	1450.3
140	-1.02	-1.03	34.357	27.633	27.633	44.29	1.804	1450.6
150	-0.70	-0.70	34.426	27.676	27.676	40.30	1.847	1450.8
160	-0.41	-0.42	34.504	27.726	27.727	35.65	1.885	1451.1
170	-0.14	-0.14	34.581	27.775	27.776	31.14	1.918	1451.3
180	0.12	0.12	34.649	27.816	27.816	27.44	1.947	1452.2
190	0.32	0.31	34.704	27.850	27.850	24.35	1.973	1453.3
200	0.40	0.39	34.727	27.863	27.864	23.12	1.997	1453.9
210	0.49	0.48	34.752	27.879	27.879	21.73	2.019	1454.5
220	0.60	0.59	34.784	27.897	27.898	20.06	2.040	1455.2
230	0.64	0.63	34.808	27.914	27.915	18.49	2.059	1455.6
240	0.69	0.68	34.830	27.929	27.929	17.20	2.077	1456.0
250	0.71	0.70	34.852	27.945	27.946	15.65	2.094	1456.3
260	0.73	0.72	34.861	27.951	27.952	15.13	2.109	1456.5
270	0.76	0.74	34.873	27.959	27.960	14.42	2.124	1456.8
280	0.76	0.75	34.883	27.967	27.968	13.69	2.138	1457.0
290	0.75	0.74	34.890	27.973	27.974	13.15	2.151	1457.1
300	0.73	0.72	34.900	27.983	27.984	12.23	2.164	1457.2
310	0.72	0.70	34.910	27.992	27.993	11.38	2.176	1457.3
322	0.65	0.64	34.918	28.002	28.003	10.42	2.189	1457.3
330	0.59	0.57	34.920	28.008	28.009	9.77	2.197	1457.1
340	0.58	0.56	34.921	28.009	28.010	9.64	2.207	1457.2

B87.432

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	-0.56	-0.56	30.463	24.464	24.464	345.73	0.173	1443.2
10	-0.44	-0.44	30.611	24.580	24.580	334.65	0.343	1443.4
20	-0.04	-0.04	31.114	24.972	24.972	297.34	0.659	1444.3
30	0.39	0.39	31.559	25.311	25.311	265.01	0.940	1446.8
40	-0.53	-0.53	31.921	25.642	25.643	233.41	1.189	1445.7
50	-1.32	-1.32	32.499	26.136	26.136	186.36	1.399	1446.6
60	-1.64	-1.65	32.895	26.466	26.466	155.00	1.570	1447.3
70	-1.66	-1.66	33.039	26.584	26.584	143.73	1.719	1447.6
80	-1.57	-1.57	33.285	26.781	26.781	124.98	1.854	1448.1
90	-1.53	-1.53	33.527	26.976	26.976	106.47	1.969	1448.6
100	-1.44	-1.44	33.706	27.119	27.119	92.91	2.069	1449.0
110	-1.39	-1.39	33.714	27.124	27.124	92.34	2.162	1449.2
120	-1.23	-1.23	33.925	27.290	27.290	76.67	2.246	1449.6
130	-1.13	-1.14	34.018	27.362	27.363	69.83	2.319	1449.9
140	-1.03	-1.04	34.113	27.435	27.436	62.93	2.386	1450.2
150	-0.97	-0.97	34.162	27.473	27.473	59.37	2.447	1450.5
160	-0.90	-0.91	34.196	27.498	27.499	56.96	2.505	1450.7
170	-0.80	-0.81	34.268	27.552	27.552	51.89	2.560	1450.9
180	-0.55	-0.56	34.388	27.639	27.639	43.83	2.607	1451.2
190	-0.39	-0.39	34.422	27.658	27.659	42.03	2.650	1451.5
200	-0.38	-0.38	34.427	27.662	27.663	41.65	2.692	1451.6
210	-0.31	-0.32	34.454	27.681	27.682	39.89	2.733	1451.8
220	-0.24	-0.25	34.498	27.713	27.714	36.88	2.771	1452.0
230	-0.15	-0.16	34.530	27.734	27.735	34.94	2.807	1452.3
240	-0.06	-0.07	34.573	27.764	27.765	32.17	2.841	1452.5
250	0.00	-0.01	34.593	27.778	27.779	30.92	2.872	1452.7
260	0.13	0.11	34.639	27.808	27.809	28.16	2.902	1453.5
270	0.24	0.23	34.677	27.832	27.833	26.00	2.929	1454.2
280	0.38	0.36	34.718	27.857	27.858	23.72	2.954	1455.0
290	0.52	0.50	34.765	27.888	27.888	21.00	2.976	1455.9
300	0.58	0.57	34.787	27.901	27.902	19.76	2.997	1456.4
310	0.69	0.68	34.824	27.924	27.925	17.70	3.015	1457.1
320	0.74	0.73	34.842	27.935	27.936	16.77	3.033	1457.5
330	0.78	0.77	34.861	27.948	27.949	15.55	3.049	1457.9
340	0.79	0.78	34.871	27.955	27.956	14.96	3.064	1458.1
350	0.80	0.78	34.883	27.965	27.966	14.05	3.078	1458.3
360	0.79	0.78	34.895	27.974	27.975	13.19	3.092	1458.5
370	0.79	0.77	34.907	27.985	27.986	12.23	3.105	1458.6
380	0.77	0.75	34.915	27.992	27.994	11.49	3.117	1458.7
390	0.76	0.74	34.916	27.994	27.995	11.39	3.128	1458.9

B87.433

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	5.56	5.56	34.599	27.290	27.290	77.34	0.039	1472.6
10	5.57	5.57	34.596	27.287	27.287	77.68	0.077	1472.7
20	5.56	5.56	34.598	27.290	27.290	77.59	0.155	1472.8
30	5.57	5.57	34.597	27.288	27.288	77.85	0.233	1473.0
40	5.57	5.57	34.600	27.290	27.291	77.78	0.311	1473.2
50	5.56	5.56	34.598	27.289	27.290	77.99	0.388	1473.3
61	5.57	5.57	34.599	27.289	27.290	78.13	0.474	1473.5
70	5.58	5.57	34.602	27.291	27.291	78.11	0.545	1473.7
80	5.59	5.58	34.604	27.291	27.292	78.18	0.623	1473.9
90	5.60	5.59	34.607	27.293	27.293	78.20	0.701	1474.1
100	5.60	5.59	34.607	27.293	27.294	78.33	0.779	1474.3
111	5.59	5.58	34.608	27.295	27.296	78.25	0.865	1474.4
120	5.53	5.52	34.601	27.296	27.297	78.24	0.936	1474.3
130	5.12	5.11	34.605	27.348	27.349	73.32	1.012	1472.9
140	4.27	4.26	34.554	27.403	27.404	67.93	1.082	1469.4
150	2.51	2.50	34.419	27.464	27.465	61.60	1.147	1462.0
160	1.11	1.11	34.375	27.536	27.536	54.35	1.205	1456.0
170	1.26	1.25	34.537	27.656	27.656	43.08	1.254	1457.0
180	3.01	3.00	34.739	27.675	27.676	42.09	1.296	1465.1
191	3.20	3.19	34.761	27.676	27.677	42.24	1.343	1466.1
200	2.76	2.75	34.707	27.673	27.674	42.35	1.381	1464.3

B87.436

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	3.78	3.78	34.206	27.177	27.177	88.01	0.044	1464.7
10	3.78	3.78	34.208	27.179	27.179	87.92	0.088	1464.8
20	3.71	3.71	34.205	27.183	27.183	87.59	0.176	1464.7
30	3.67	3.67	34.201	27.183	27.184	87.63	0.263	1464.7
40	3.59	3.58	34.193	27.186	27.186	87.48	0.351	1464.5
50	3.49	3.49	34.184	27.188	27.188	87.36	0.438	1464.3
59	3.46	3.46	34.181	27.188	27.189	87.37	0.517	1464.3
70	3.43	3.42	34.178	27.190	27.190	87.33	0.613	1464.3
80	3.40	3.40	34.178	27.191	27.192	87.23	0.700	1464.4
90	3.57	3.56	34.221	27.210	27.210	85.59	0.787	1465.3
100	3.81	3.80	34.527	27.430	27.430	64.94	0.862	1466.8
110	4.21	4.21	34.838	27.634	27.635	45.78	0.917	1469.1
120	3.49	3.48	34.783	27.665	27.666	42.75	0.962	1466.2
130	3.15	3.14	34.756	27.676	27.677	41.69	1.004	1464.9
140	2.65	2.64	34.734	27.704	27.705	38.93	1.044	1462.8
150	2.26	2.25	34.744	27.746	27.747	34.91	1.081	1461.3
160	1.75	1.74	34.735	27.779	27.780	31.62	1.114	1459.2
170	1.30	1.29	34.725	27.804	27.805	29.12	1.145	1457.4
180	0.87	0.86	34.725	27.833	27.834	26.19	1.172	1455.6
190	0.86	0.85	34.758	27.860	27.861	23.67	1.197	1455.8
200	1.02	1.01	34.808	27.890	27.890	20.97	1.220	1456.8
210	1.05	1.04	34.820	27.897	27.898	20.31	1.240	1457.1
220	0.89	0.88	34.848	27.931	27.932	17.05	1.259	1456.5
230	0.79	0.78	34.842	27.932	27.933	16.88	1.276	1456.3
240	0.63	0.62	34.853	27.952	27.952	14.99	1.292	1455.7
250	0.57	0.56	34.865	27.965	27.965	13.72	1.306	1455.6
260	0.50	0.49	34.873	27.975	27.976	12.74	1.319	1455.5
270	0.45	0.44	34.882	27.986	27.986	11.70	1.332	1455.5
280	0.39	0.38	34.886	27.992	27.993	11.04	1.343	1455.3
290	0.45	0.43	34.891	27.993	27.993	11.04	1.354	1455.8
300	0.61	0.60	34.921	28.007	28.008	9.84	1.364	1456.7
310	0.44	0.43	34.909	28.008	28.009	9.63	1.374	1456.1
320	0.60	0.58	34.934	28.018	28.019	8.78	1.383	1457.0
330	0.58	0.57	34.936	28.021	28.022	8.57	1.392	1457.1
340	0.57	0.56	34.933	28.019	28.020	8.76	1.401	1457.2
350	0.50	0.49	34.938	28.027	28.028	7.90	1.409	1457.1
360	0.48	0.46	34.934	28.026	28.027	8.04	1.417	1457.1
370	0.40	0.38	34.931	28.028	28.029	7.76	1.425	1456.9
380	0.31	0.30	34.927	28.030	28.031	7.53	1.433	1456.7
390	0.15	0.14	34.917	28.031	28.032	7.23	1.440	1456.1
400	0.11	0.09	34.930	28.044	28.045	6.00	1.447	1456.1
410	0.12	0.11	34.925	28.039	28.040	6.48	1.453	1456.3
420	0.09	0.07	34.925	28.041	28.042	6.25	1.459	1456.3
430	0.03	0.01	34.922	28.042	28.043	6.08	1.465	1456.2
440	-0.01	-0.02	34.921	28.043	28.044	5.91	1.471	1456.2
450	-0.02	-0.04	34.922	28.044	28.045	5.79	1.477	1456.4
460	-0.06	-0.08	34.919	28.044	28.045	5.75	1.483	1456.5
470	-0.10	-0.11	34.919	28.046	28.047	5.54	1.489	1456.7
480	-0.11	-0.13	34.921	28.049	28.050	5.27	1.494	1456.9
490	-0.12	-0.14	34.917	28.046	28.047	5.51	1.499	1457.0

500	-0.14	-0.16	34.919	28.049	28.050	5.21	1.505	1457.2
510	-0.17	-0.19	34.918	28.049	28.050	5.13	1.510	1457.4
520	-0.17	-0.19	34.923	28.053	28.054	4.78	1.515	1457.5
530	-0.17	-0.19	34.924	28.053	28.055	4.71	1.520	1457.7
540	-0.18	-0.20	34.923	28.054	28.055	4.64	1.524	1457.9
550	-0.21	-0.23	34.923	28.055	28.056	4.45	1.529	1458.0
560	-0.23	-0.26	34.922	28.056	28.057	4.38	1.533	1458.2
570	-0.27	-0.29	34.922	28.057	28.058	4.22	1.538	1458.3
580	-0.30	-0.32	34.922	28.059	28.060	3.95	1.542	1458.5
590	-0.32	-0.34	34.920	28.058	28.059	4.00	1.546	1458.7
600	-0.33	-0.36	34.920	28.059	28.060	3.89	1.550	1458.8
610	-0.35	-0.38	34.919	28.059	28.061	3.79	1.553	1459.0
620	-0.38	-0.40	34.920	28.061	28.062	3.58	1.557	1459.2
630	-0.41	-0.43	34.920	28.063	28.064	3.36	1.561	1459.3
640	-0.44	-0.46	34.917	28.062	28.063	3.39	1.564	1459.5
650	-0.47	-0.49	34.920	28.066	28.067	2.94	1.567	1459.7
660	-0.49	-0.52	34.920	28.066	28.067	2.86	1.570	1459.8
670	-0.52	-0.54	34.921	28.069	28.070	2.54	1.573	1460.0
680	-0.53	-0.56	34.921	28.069	28.070	2.47	1.575	1460.2
690	-0.56	-0.58	34.922	28.071	28.072	2.23	1.578	1460.3
700	-0.59	-0.62	34.922	28.073	28.074	1.97	1.580	1460.5
710	-0.62	-0.65	34.923	28.075	28.076	1.68	1.582	1460.6
720	-0.63	-0.66	34.924	28.077	28.078	1.51	1.583	1460.8
730	-0.64	-0.67	34.924	28.077	28.078	1.47	1.585	1461.0
740	-0.64	-0.67	34.925	28.078	28.079	1.32	1.586	1461.1
750	-0.64	-0.67	34.925	28.078	28.079	1.31	1.587	1461.3
760	-0.64	-0.67	34.925	28.077	28.079	1.35	1.589	1461.5

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	0.54	0.54	33.147	26.582	26.582	144.39	0.072	1449.2
10	0.41	0.41	33.359	26.760	26.760	127.51	0.140	1449.0
20	0.31	0.31	33.416	26.811	26.811	122.65	0.265	1448.8
30	0.21	0.21	33.459	26.852	26.852	118.79	0.386	1448.5
40	0.30	0.30	33.478	26.862	26.862	117.80	0.504	1449.1
50	0.30	0.30	33.533	26.907	26.907	113.56	0.620	1449.4
60	0.32	0.32	33.576	26.941	26.941	110.33	0.732	1449.7
70	0.30	0.30	33.579	26.943	26.943	110.09	0.842	1449.8
80	0.31	0.30	33.608	26.966	26.966	107.87	0.951	1450.0
90	0.26	0.25	33.624	26.983	26.983	106.31	1.058	1449.9
100	0.23	0.23	33.629	26.987	26.988	105.83	1.164	1450.0
110	0.30	0.29	33.837	27.152	27.152	90.25	1.262	1450.7
120	0.08	0.08	33.884	27.202	27.202	85.50	1.350	1450.0
130	0.01	0.01	33.998	27.297	27.297	76.48	1.431	1450.0
140	-1.29	-1.29	34.125	27.455	27.455	61.01	1.500	1450.2
150	-1.32	-1.33	34.204	27.520	27.520	54.81	1.558	1450.5
160	-1.27	-1.27	34.262	27.565	27.565	50.49	1.610	1450.8
170	-1.19	-1.19	34.294	27.588	27.588	48.34	1.660	1451.0
180	-0.88	-0.88	34.395	27.659	27.659	41.78	1.705	1451.3
190	-0.82	-0.83	34.448	27.699	27.699	37.94	1.745	1451.5
200	-0.78	-0.79	34.483	27.726	27.726	35.41	1.781	1451.7
210	-0.56	-0.57	34.558	27.777	27.777	30.71	1.815	1452.0
220	-0.38	-0.38	34.598	27.801	27.801	28.58	1.844	1452.2
230	-0.04	-0.04	34.669	27.841	27.841	24.97	1.871	1452.4
240	0.03	0.02	34.696	27.859	27.859	23.32	1.895	1452.8
250	0.36	0.35	34.770	27.900	27.901	19.67	1.917	1454.6
260	0.66	0.65	34.801	27.907	27.908	19.20	1.936	1456.1
270	0.86	0.85	34.837	27.924	27.925	17.83	1.955	1457.2
280	1.09	1.07	34.876	27.940	27.941	16.51	1.972	1458.5
290	1.19	1.17	34.897	27.950	27.951	15.62	1.988	1459.1
300	1.18	1.17	34.899	27.952	27.953	15.48	2.003	1459.2
310	1.23	1.21	34.912	27.959	27.960	14.88	2.018	1459.6
320	1.24	1.22	34.919	27.964	27.965	14.44	2.033	1459.9
330	1.26	1.25	34.923	27.966	27.967	14.36	2.048	1460.1
340	1.27	1.25	34.929	27.970	27.971	14.01	2.062	1460.3
350	1.27	1.25	34.933	27.973	27.975	13.70	2.076	1460.5
360	1.24	1.22	34.934	27.976	27.977	13.44	2.089	1460.5
370	1.22	1.20	34.937	27.980	27.981	13.12	2.102	1460.6
380	1.20	1.18	34.938	27.982	27.983	12.90	2.115	1460.7
390	1.18	1.16	34.941	27.986	27.987	12.56	2.128	1460.8
400	1.15	1.13	34.941	27.988	27.990	12.35	2.141	1460.8
410	1.12	1.10	34.943	27.991	27.993	12.04	2.153	1460.8
420	1.10	1.08	34.943	27.993	27.994	11.88	2.165	1460.9
430	1.06	1.04	34.942	27.994	27.996	11.74	2.177	1460.9
440	1.05	1.02	34.943	27.997	27.998	11.52	2.188	1461.0
450	1.03	1.01	34.942	27.997	27.998	11.52	2.200	1461.1
460	1.02	1.00	34.943	27.999	28.000	11.36	2.211	1461.2
470	1.00	0.98	34.945	28.001	28.003	11.15	2.222	1461.3
480	0.99	0.97	34.946	28.002	28.004	11.02	2.234	1461.4
490	0.97	0.95	34.946	28.004	28.005	10.91	2.245	1461.5

500	0.95	0.93	34.946	28.005	28.007	10.76	2.255	1461.5
510	0.92	0.89	34.944	28.006	28.007	10.69	2.266	1461.6
520	0.88	0.85	34.943	28.008	28.009	10.48	2.277	1461.5
530	0.85	0.83	34.943	28.010	28.011	10.27	2.287	1461.6
540	0.82	0.79	34.943	28.012	28.013	10.08	2.297	1461.6
550	0.80	0.77	34.945	28.015	28.016	9.79	2.307	1461.7
560	0.80	0.77	34.945	28.015	28.017	9.76	2.317	1461.8
570	0.74	0.71	34.942	28.016	28.017	9.64	2.327	1461.7
580	0.71	0.68	34.939	28.016	28.018	9.57	2.336	1461.8
590	0.65	0.62	34.939	28.019	28.021	9.19	2.346	1461.7
600	0.63	0.60	34.939	28.021	28.023	9.00	2.355	1461.7
610	0.59	0.56	34.937	28.021	28.023	8.94	2.364	1461.7
620	0.56	0.53	34.935	28.021	28.023	8.89	2.373	1461.8
630	0.51	0.48	34.932	28.022	28.024	8.72	2.381	1461.7
640	0.49	0.46	34.933	28.024	28.026	8.50	2.390	1461.7
650	0.42	0.39	34.929	28.025	28.027	8.30	2.398	1461.6
660	0.39	0.36	34.929	28.027	28.029	8.12	2.407	1461.6
670	0.37	0.34	34.929	28.028	28.030	7.99	2.415	1461.7
680	0.35	0.32	34.929	28.029	28.031	7.82	2.423	1461.8
690	0.34	0.31	34.928	28.029	28.031	7.84	2.430	1461.9
700	0.30	0.27	34.927	28.031	28.033	7.62	2.438	1461.9
710	0.27	0.24	34.925	28.031	28.033	7.53	2.446	1461.9
720	0.24	0.20	34.927	28.034	28.036	7.21	2.453	1461.9
730	0.22	0.19	34.927	28.035	28.037	7.10	2.460	1462.0
740	0.20	0.17	34.926	28.035	28.037	7.06	2.467	1462.1
750	0.17	0.14	34.926	28.037	28.039	6.85	2.474	1462.1
760	0.14	0.11	34.923	28.036	28.038	6.81	2.481	1462.1
770	0.12	0.08	34.924	28.038	28.040	6.60	2.488	1462.2
780	0.10	0.06	34.923	28.039	28.041	6.47	2.494	1462.3
790	0.08	0.05	34.923	28.040	28.041	6.40	2.501	1462.3
800	0.07	0.04	34.923	28.040	28.042	6.30	2.507	1462.5
810	0.05	0.02	34.923	28.041	28.043	6.21	2.513	1462.5
820	0.03	-0.01	34.923	28.042	28.044	6.01	2.519	1462.6
830	0.01	-0.03	34.923	28.044	28.046	5.80	2.525	1462.7
840	-0.01	-0.05	34.923	28.044	28.046	5.74	2.531	1462.8
850	-0.04	-0.07	34.923	28.046	28.048	5.52	2.537	1463.0
860	-0.05	-0.09	34.923	28.047	28.049	5.41	2.542	1463.1
870	-0.07	-0.11	34.923	28.048	28.050	5.29	2.548	1463.3
880	-0.09	-0.13	34.922	28.048	28.050	5.16	2.553	1463.5
890	-0.10	-0.14	34.922	28.049	28.051	5.13	2.558	1463.6
900	-0.12	-0.16	34.922	28.050	28.052	4.96	2.563	1463.8
910	-0.13	-0.17	34.923	28.051	28.053	4.86	2.568	1463.9
920	-0.14	-0.18	34.923	28.052	28.054	4.73	2.573	1464.1
930	-0.16	-0.20	34.922	28.052	28.054	4.64	2.577	1464.3
940	-0.18	-0.22	34.922	28.053	28.055	4.46	2.582	1464.4
950	-0.20	-0.24	34.923	28.055	28.057	4.28	2.586	1464.6
960	-0.21	-0.25	34.922	28.055	28.057	4.25	2.591	1464.8
970	-0.23	-0.27	34.922	28.056	28.058	4.09	2.595	1464.9
980	-0.24	-0.28	34.922	28.055	28.057	4.10	2.599	1465.1
990	-0.26	-0.30	34.921	28.056	28.058	3.97	2.603	1465.3
1000	-0.26	-0.31	34.922	28.057	28.059	3.88	2.607	1465.4
1010	-0.28	-0.32	34.923	28.058	28.060	3.69	2.611	1465.6
1020	-0.29	-0.33	34.922	28.058	28.061	3.65	2.614	1465.8
1030	-0.29	-0.34	34.922	28.058	28.061	3.61	2.618	1465.9

1040	-0.30	-0.35	34.920	28.058	28.060	3.66	2.622	1466.1
1050	-0.32	-0.36	34.921	28.059	28.061	3.47	2.625	1466.3
1060	-0.33	-0.37	34.921	28.059	28.062	3.40	2.629	1466.4
1070	-0.34	-0.38	34.922	28.061	28.063	3.20	2.632	1466.6
1080	-0.35	-0.39	34.922	28.061	28.064	3.14	2.635	1466.8
1090	-0.36	-0.41	34.921	28.061	28.063	3.16	2.638	1466.9
1100	-0.37	-0.42	34.922	28.063	28.065	2.90	2.641	1467.1
1110	-0.39	-0.43	34.923	28.064	28.066	2.76	2.644	1467.3
1120	-0.40	-0.45	34.921	28.063	28.065	2.79	2.647	1467.4
1130	-0.41	-0.46	34.923	28.065	28.067	2.55	2.649	1467.6
1140	-0.43	-0.48	34.922	28.065	28.068	2.46	2.652	1467.8
1150	-0.44	-0.49	34.922	28.065	28.068	2.41	2.654	1467.9
1160	-0.46	-0.51	34.922	28.067	28.069	2.21	2.657	1468.1
1170	-0.46	-0.51	34.923	28.068	28.070	2.11	2.659	1468.3
1180	-0.46	-0.51	34.923	28.068	28.070	2.07	2.661	1468.4
1190	-0.48	-0.53	34.921	28.067	28.069	2.11	2.663	1468.6
1200	-0.49	-0.54	34.922	28.068	28.070	1.99	2.665	1468.8
1210	-0.49	-0.54	34.923	28.069	28.071	1.84	2.667	1468.9
1220	-0.51	-0.56	34.922	28.069	28.071	1.75	2.669	1469.1
1230	-0.51	-0.57	34.924	28.070	28.073	1.59	2.670	1469.3
1240	-0.53	-0.58	34.924	28.071	28.074	1.46	2.672	1469.4
1250	-0.54	-0.59	34.924	28.072	28.074	1.34	2.673	1469.6
1270	-0.56	-0.61	34.924	28.073	28.076	1.12	2.676	1469.9
1280	-0.57	-0.63	34.924	28.074	28.076	1.03	2.677	1470.1
1290	-0.58	-0.64	34.925	28.075	28.077	0.86	2.678	1470.3
1300	-0.60	-0.66	34.925	28.076	28.078	0.69	2.679	1470.4
1310	-0.61	-0.67	34.925	28.076	28.079	0.59	2.679	1470.6
1320	-0.64	-0.69	34.926	28.078	28.080	0.33	2.680	1470.8
1330	-0.65	-0.70	34.926	28.078	28.081	0.23	2.680	1470.9
1340	-0.66	-0.71	34.925	28.078	28.081	0.20	2.680	1471.1
1350	-0.68	-0.74	34.924	28.079	28.081	0.06	2.680	1471.3
1360	-0.69	-0.75	34.926	28.081	28.083	-0.21	2.680	1471.4
1370	-0.69	-0.75	34.926	28.080	28.083	-0.20	2.680	1471.6
1380	-0.69	-0.75	34.926	28.080	28.083	-0.20	2.680	1471.8
1390	-0.69	-0.75	34.925	28.080	28.083	-0.21	2.680	1471.9
1400	-0.69	-0.75	34.926	28.081	28.083	-0.27	2.679	1472.1
1410	-0.69	-0.75	34.925	28.080	28.082	-0.20	2.679	1472.3
1420	-0.69	-0.76	34.926	28.081	28.083	-0.32	2.679	1472.4

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	2.32	2.32	30.575	24.406	24.406	351.32	0.176	1453.8
10	2.34	2.34	30.584	24.412	24.412	350.79	0.351	1453.9
20	2.42	2.42	30.611	24.427	24.427	349.30	0.701	1454.5
30	2.46	2.46	30.919	24.671	24.671	326.15	1.039	1455.2
40	2.37	2.36	31.158	24.868	24.868	307.34	1.356	1455.3
50	2.32	2.32	31.218	24.920	24.920	302.41	1.661	1455.4
60	2.07	2.07	31.348	25.042	25.042	290.79	1.957	1454.6
70	2.02	2.01	31.456	25.132	25.133	282.18	2.244	1454.7
80	2.04	2.04	31.575	25.226	25.226	273.31	2.521	1455.1
90	1.97	1.97	31.755	25.375	25.375	259.16	2.788	1455.2
100	1.90	1.89	31.896	25.493	25.493	247.93	3.041	1455.2
110	1.71	1.70	32.068	25.644	25.644	233.55	3.282	1454.7
120	1.44	1.44	32.148	25.725	25.726	225.74	3.512	1453.8
130	0.40	0.40	32.398	25.986	25.986	200.63	3.725	1449.6
140	-0.55	-0.55	32.703	26.276	26.276	172.78	3.911	1448.3
150	-0.88	-0.89	32.915	26.460	26.460	155.16	4.075	1448.8
160	-1.34	-1.35	33.092	26.618	26.618	139.93	4.223	1449.2
170	-1.49	-1.50	33.351	26.833	26.833	119.50	4.353	1449.7
180	-1.44	-1.44	33.596	27.029	27.030	100.87	4.463	1450.2
190	-1.32	-1.33	33.792	27.185	27.186	86.16	4.556	1450.6
200	-1.31	-1.31	34.016	27.367	27.367	69.01	4.634	1451.1
210	-1.23	-1.24	34.095	27.428	27.428	63.22	4.700	1451.3
220	-1.03	-1.04	34.233	27.533	27.533	53.40	4.758	1451.7
230	-0.84	-0.85	34.342	27.614	27.615	45.82	4.808	1452.0
240	-0.73	-0.74	34.410	27.665	27.665	41.09	4.851	1452.3
250	-0.64	-0.65	34.459	27.700	27.701	37.77	4.891	1452.5
260	-0.54	-0.55	34.500	27.729	27.729	35.17	4.927	1452.7
270	-0.47	-0.48	34.527	27.748	27.748	33.41	4.962	1452.9
280	-0.38	-0.39	34.558	27.768	27.769	31.52	4.994	1453.1
290	-0.38	-0.39	34.558	27.768	27.769	31.51	5.026	1453.3

B87.441

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	2.24	2.24	30.587	24.421	24.421	349.90	0.175	1453.4
10	2.40	2.40	30.826	24.601	24.601	332.81	0.346	1454.5
20	2.26	2.26	31.027	24.772	24.772	316.50	0.670	1454.3
30	2.17	2.17	31.433	25.103	25.103	285.00	0.971	1454.7
40	1.73	1.72	31.721	25.364	25.364	260.13	1.244	1453.2
50	0.96	0.96	32.029	25.659	25.660	231.95	1.490	1450.4
60	0.21	0.21	32.228	25.859	25.859	212.89	1.712	1447.4
70	-0.63	-0.63	32.679	26.260	26.260	174.65	1.906	1447.2
80	-0.80	-0.80	32.928	26.467	26.467	154.93	2.071	1447.7
90	-1.14	-1.15	33.122	26.636	26.636	138.75	2.217	1448.1
100	-1.42	-1.42	33.342	26.823	26.823	120.88	2.347	1448.5
110	-1.56	-1.56	33.509	26.963	26.963	107.58	2.462	1448.9
120	-1.54	-1.54	33.622	27.054	27.054	98.91	2.565	1449.2
130	-1.47	-1.48	33.779	27.179	27.179	87.01	2.658	1449.6
140	-1.41	-1.42	33.923	27.295	27.295	76.05	2.739	1450.0
150	-1.28	-1.28	34.042	27.387	27.387	67.38	2.811	1450.3
160	-1.25	-1.26	34.083	27.419	27.419	64.27	2.877	1450.5
170	-1.23	-1.23	34.123	27.451	27.451	61.24	2.940	1450.7
180	-1.07	-1.08	34.208	27.514	27.514	55.31	2.998	1451.0
190	-0.85	-0.86	34.322	27.598	27.598	47.46	3.049	1451.3
200	-0.76	-0.77	34.381	27.642	27.643	43.30	3.095	1451.6
210	-0.73	-0.74	34.402	27.658	27.658	41.82	3.137	1451.8
220	-0.65	-0.66	34.440	27.685	27.686	39.25	3.178	1452.0
230	-0.60	-0.61	34.465	27.703	27.703	37.60	3.216	1452.2
240	-0.57	-0.58	34.497	27.728	27.728	35.29	3.253	1452.4
250	-0.47	-0.48	34.544	27.761	27.761	32.18	3.286	1452.6
260	-0.37	-0.38	34.574	27.781	27.782	30.33	3.318	1452.8
270	-0.22	-0.23	34.621	27.812	27.812	27.59	3.346	1453.0

B87.442

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	2.58	2.58	30.779	24.550	24.550	337.66	0.169	1455.2
10	2.74	2.74	31.107	24.799	24.799	313.90	0.332	1456.4
20	2.24	2.24	31.408	25.078	25.078	287.36	0.632	1454.8
30	1.67	1.67	31.724	25.370	25.370	259.56	0.906	1452.8
40	1.51	1.51	31.861	25.490	25.491	248.09	1.160	1452.4
50	0.81	0.81	32.215	25.817	25.817	216.95	1.392	1449.9
60	-0.19	-0.19	32.667	26.232	26.232	177.41	1.589	1447.0
70	-0.58	-0.58	32.856	26.400	26.401	161.31	1.759	1447.4
80	-1.10	-1.10	32.995	26.532	26.532	148.72	1.914	1447.8
90	-1.14	-1.15	33.347	26.818	26.818	121.49	2.049	1448.4
100	-1.22	-1.23	33.681	27.092	27.092	95.50	2.157	1449.0
110	-1.23	-1.24	33.761	27.157	27.157	89.29	2.250	1449.3
120	-1.15	-1.16	33.982	27.334	27.334	72.55	2.331	1449.7

B87.443

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	2.42	2.42	30.658	24.465	24.465	345.70	0.173	1454.3
10	2.42	2.42	30.668	24.473	24.473	344.92	0.346	1454.4
20	2.41	2.41	30.781	24.564	24.564	336.25	0.686	1454.7
30	2.26	2.26	31.153	24.872	24.872	306.95	1.008	1454.7
40	2.19	2.19	31.231	24.940	24.940	300.53	1.311	1454.6
50	2.13	2.13	31.264	24.970	24.970	297.63	1.611	1454.6
60	2.03	2.03	31.377	25.068	25.068	288.30	1.903	1454.4
70	1.86	1.85	31.560	25.227	25.227	273.20	2.184	1454.1
80	1.73	1.73	31.626	25.287	25.288	267.39	2.455	1453.8
90	1.58	1.57	31.850	25.477	25.478	249.29	2.713	1453.6
100	0.96	0.95	32.083	25.703	25.703	227.73	2.951	1451.2
110	0.73	0.73	32.387	25.960	25.961	203.23	3.167	1450.8
120	0.81	0.80	32.563	26.097	26.097	190.29	3.364	1451.5
130	0.48	0.47	32.745	26.262	26.262	174.51	3.546	1450.4
140	0.34	0.33	32.870	26.370	26.370	164.22	3.715	1450.1
150	-0.46	-0.46	32.945	26.467	26.468	154.65	3.875	1448.8
160	-0.90	-0.90	33.207	26.697	26.697	132.71	4.018	1449.3
170	-1.34	-1.34	33.560	26.998	26.998	104.00	4.137	1450.0
180	-1.39	-1.39	33.699	27.112	27.112	93.13	4.235	1450.3
190	-1.41	-1.41	33.818	27.209	27.210	83.84	4.324	1450.6
200	-1.35	-1.36	33.938	27.305	27.305	74.82	4.403	1451.0
210	-1.03	-1.04	34.216	27.519	27.519	54.73	4.468	1451.5
220	-0.97	-0.98	34.255	27.549	27.549	51.92	4.521	1451.7
230	-0.95	-0.96	34.272	27.562	27.562	50.69	4.573	1451.9
240	-0.94	-0.95	34.277	27.566	27.566	50.31	4.623	1452.1

B87.445

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	2.37	2.37	31.086	24.811	24.811	312.76	0.156	1454.7
10	2.37	2.37	31.084	24.809	24.809	312.97	0.313	1454.8
20	2.37	2.37	31.092	24.816	24.816	312.33	0.625	1454.9
30	2.37	2.37	31.122	24.840	24.840	310.05	0.937	1455.1
40	2.27	2.27	31.215	24.921	24.921	302.29	1.243	1455.0
50	2.25	2.25	31.311	25.000	25.000	294.82	1.541	1455.2
60	1.65	1.65	31.437	25.142	25.142	281.23	1.829	1452.9
70	1.36	1.36	31.635	25.319	25.319	264.35	2.102	1452.0
80	1.33	1.33	31.890	25.525	25.525	244.73	2.357	1452.3
90	0.29	0.28	32.197	25.830	25.830	215.52	2.587	1448.2
100	-0.21	-0.21	32.569	26.154	26.154	184.67	2.787	1447.5
110	-1.05	-1.06	32.763	26.342	26.342	166.47	2.963	1447.9
120	-0.95	-0.95	32.900	26.450	26.450	156.25	3.124	1448.3
130	-1.20	-1.21	33.167	26.675	26.675	134.84	3.269	1448.8
140	-1.38	-1.38	33.368	26.843	26.843	118.76	3.396	1449.2
150	-1.38	-1.39	33.653	27.074	27.074	96.87	3.504	1449.8
160	-1.32	-1.32	33.751	27.152	27.152	89.50	3.597	1450.1
170	-1.11	-1.12	33.989	27.338	27.338	71.99	3.678	1450.5
180	-0.97	-0.98	34.119	27.438	27.439	62.51	3.745	1450.9
190	-0.84	-0.85	34.260	27.548	27.548	52.23	3.803	1451.2
200	-0.76	-0.77	34.303	27.580	27.580	49.23	3.853	1451.5
210	-0.81	-0.82	34.417	27.674	27.674	40.28	3.898	1451.8
220	-0.36	-0.37	34.535	27.749	27.750	33.42	3.935	1452.1
230	0.04	0.03	34.682	27.848	27.848	24.40	3.964	1452.6
240	0.26	0.25	34.710	27.858	27.858	23.58	3.988	1453.9
250	0.28	0.27	34.718	27.863	27.863	23.12	4.011	1454.1
260	0.37	0.36	34.740	27.876	27.876	21.96	4.034	1454.7
270	0.41	0.39	34.749	27.881	27.881	21.54	4.055	1455.1
280	0.47	0.45	34.769	27.893	27.894	20.41	4.076	1455.5
290	0.51	0.49	34.783	27.902	27.903	19.59	4.096	1455.9
300	0.52	0.51	34.787	27.905	27.906	19.37	4.116	1456.1
310	0.52	0.51	34.788	27.906	27.906	19.32	4.135	1456.3
320	0.53	0.52	34.793	27.909	27.910	19.04	4.154	1456.5
330	0.55	0.54	34.799	27.913	27.914	18.69	4.173	1456.8
340	0.56	0.55	34.804	27.916	27.917	18.41	4.192	1457.0
350	0.59	0.57	34.816	27.924	27.925	17.69	4.210	1457.3
360	0.60	0.58	34.822	27.928	27.929	17.31	4.227	1457.5
370	0.61	0.59	34.826	27.931	27.932	17.13	4.245	1457.7
380	0.62	0.61	34.832	27.935	27.936	16.73	4.262	1458.0
390	0.63	0.61	34.834	27.936	27.937	16.71	4.278	1458.1
400	0.65	0.63	34.840	27.939	27.940	16.39	4.295	1458.4
410	0.66	0.65	34.842	27.940	27.941	16.35	4.311	1458.6
420	0.66	0.64	34.843	27.942	27.943	16.23	4.327	1458.8
430	0.65	0.63	34.843	27.942	27.943	16.19	4.344	1458.9
440	0.65	0.63	34.844	27.943	27.944	16.11	4.360	1459.1
450	0.65	0.63	34.849	27.947	27.948	15.78	4.376	1459.2
460	0.66	0.64	34.856	27.952	27.953	15.33	4.391	1459.5
470	0.66	0.64	34.856	27.952	27.953	15.33	4.407	1459.6
480	0.67	0.65	34.858	27.953	27.954	15.28	4.422	1459.8
490	0.68	0.66	34.857	27.952	27.953	15.42	4.437	1460.0

500	0.68	0.66	34.859	27.953	27.955	15.27	4.453	1460.2
510	0.67	0.64	34.859	27.954	27.955	15.24	4.468	1460.3
520	0.70	0.67	34.866	27.958	27.959	14.93	4.483	1460.6
530	0.73	0.70	34.871	27.959	27.961	14.83	4.498	1460.9
540	0.77	0.75	34.881	27.965	27.967	14.38	4.513	1461.3
550	0.92	0.90	34.912	27.980	27.982	13.18	4.526	1462.2
560	0.89	0.86	34.913	27.983	27.984	12.92	4.539	1462.2
570	0.86	0.84	34.918	27.989	27.990	12.35	4.552	1462.3
580	0.88	0.85	34.919	27.989	27.991	12.38	4.564	1462.5
590	0.85	0.83	34.921	27.992	27.994	12.09	4.577	1462.6
600	0.86	0.83	34.921	27.992	27.994	12.10	4.589	1462.7
610	0.84	0.81	34.921	27.993	27.995	12.03	4.601	1462.8
620	0.81	0.78	34.918	27.993	27.995	11.99	4.613	1462.8
630	0.80	0.77	34.919	27.993	27.995	11.96	4.625	1463.0
640	0.80	0.77	34.917	27.992	27.994	12.05	4.637	1463.1
650	0.79	0.76	34.916	27.992	27.994	12.10	4.649	1463.2
660	0.77	0.73	34.917	27.994	27.996	11.88	4.661	1463.3
670	0.77	0.74	34.916	27.993	27.996	11.94	4.673	1463.5
680	0.77	0.73	34.917	27.994	27.996	11.87	4.685	1463.6
690	0.76	0.73	34.917	27.994	27.996	11.90	4.696	1463.8
700	0.76	0.73	34.916	27.994	27.996	11.94	4.708	1464.0
710	0.76	0.73	34.916	27.994	27.996	11.99	4.720	1464.1

B87.447

depth	temp	theta	salinity	sigmat	sig_th	delta	soundv
5	0.67	0.67					
10	0.53	0.53					
18	0.41	0.41					
142	-1.44	-1.45	34.116	27.452	27.452	61.19	1450.3
150	-1.38	-1.39	34.199	27.518	27.518	54.94	1450.5
156	-1.31	-1.31	34.250	27.556	27.556	51.32	1450.7
178	-1.27	-1.27	34.261	27.564	27.564	50.54	1451.0
221	0.26	0.25	34.699	27.849	27.849	24.43	1453.5
230	0.51	0.50	34.748	27.874	27.875	22.20	1454.9
240	0.69	0.68	34.788	27.895	27.896	20.36	1455.9
250	0.83	0.82	34.840	27.928	27.929	17.34	1456.8
261	1.01	1.00	34.853	27.927	27.927	17.64	1457.8
270	1.24	1.23	34.891	27.941	27.942	16.45	1459.0
280	1.26	1.25	34.898	27.946	27.947	16.06	1459.3
290	1.26	1.25	34.905	27.951	27.952	15.61	1459.4
300	1.30	1.28	34.918	27.959	27.960	14.92	1459.8
310	1.31	1.29	34.919	27.959	27.960	14.92	1460.0
320	1.29	1.27	34.925	27.965	27.966	14.42	1460.1
330	1.26	1.24	34.928	27.970	27.971	13.92	1460.1
340	1.22	1.20	34.927	27.972	27.973	13.79	1460.1
350	1.22	1.20	34.929	27.973	27.975	13.65	1460.3
360	1.18	1.16	34.931	27.978	27.979	13.25	1460.2
370	1.15	1.13	34.927	27.976	27.978	13.38	1460.3
380	1.16	1.14	34.935	27.982	27.983	12.88	1460.5
390	1.14	1.12	34.936	27.985	27.986	12.59	1460.6
400	1.12	1.11	34.938	27.987	27.988	12.43	1460.7
410	1.09	1.07	34.937	27.989	27.990	12.27	1460.7
420	1.07	1.05	34.937	27.990	27.992	12.12	1460.7
430	1.05	1.03	34.937	27.991	27.993	12.04	1460.8
440	1.02	1.00	34.938	27.994	27.996	11.73	1460.9
450	1.00	0.98	34.936	27.994	27.996	11.76	1460.9
460	0.99	0.97	34.937	27.996	27.997	11.62	1461.0
470	0.97	0.95	34.937	27.997	27.999	11.49	1461.1
520	0.86	0.83	34.939	28.006	28.008	10.58	1461.4
530	0.81	0.78	34.937	28.008	28.010	10.37	1461.4
540	0.76	0.74	34.935	28.009	28.010	10.25	1461.3
550	0.72	0.70	34.934	28.010	28.012	10.09	1461.3
560	0.70	0.67	34.933	28.011	28.013	10.00	1461.4
570	0.64	0.62	34.930	28.013	28.014	9.78	1461.3
580	0.61	0.58	34.927	28.012	28.014	9.78	1461.3
590	0.57	0.54	34.928	28.015	28.017	9.43	1461.3
600	0.56	0.53	34.927	28.015	28.017	9.44	1461.4
610	0.53	0.50	34.927	28.017	28.019	9.23	1461.4
620	0.52	0.49	34.926	28.017	28.019	9.22	1461.5
630	0.45	0.42	34.925	28.020	28.022	8.86	1461.4
640	0.43	0.40	34.923	28.020	28.022	8.80	1461.5
650	0.41	0.38	34.922	28.020	28.022	8.76	1461.5
660	0.39	0.36	34.922	28.022	28.024	8.59	1461.6
670	0.37	0.34	34.923	28.024	28.026	8.38	1461.7
680	0.35	0.32	34.923	28.025	28.026	8.27	1461.8

690	0.34	0.31	34.923	28.025	28.026	8.28	1461.9
700	0.31	0.28	34.921	28.025	28.027	8.21	1461.9
710	0.29	0.25	34.919	28.025	28.027	8.15	1462.0
720	0.26	0.23	34.919	28.026	28.028	7.99	1462.0
730	0.25	0.22	34.918	28.027	28.029	7.92	1462.1
740	0.22	0.18	34.919	28.029	28.030	7.69	1462.1
750	0.20	0.16	34.919	28.030	28.032	7.51	1462.2
760	0.17	0.14	34.918	28.030	28.032	7.43	1462.3
770	0.16	0.13	34.919	28.032	28.034	7.29	1462.4
780	0.16	0.12	34.919	28.033	28.035	7.20	1462.5
790	0.14	0.10	34.918	28.033	28.035	7.15	1462.6
800	0.11	0.08	34.918	28.034	28.036	7.02	1462.6
810	0.10	0.07	34.917	28.034	28.036	6.98	1462.8
820	0.07	0.04	34.918	28.036	28.038	6.72	1462.8
830	0.06	0.02	34.917	28.036	28.038	6.66	1462.9
840	0.05	0.02	34.917	28.036	28.038	6.62	1463.0
850	0.03	-0.01	34.917	28.037	28.039	6.49	1463.1
860	0.02	-0.02	34.919	28.040	28.042	6.26	1463.2
870	0.01	-0.03	34.918	28.040	28.042	6.21	1463.3
880	-0.01	-0.05	34.916	28.039	28.041	6.24	1463.4
890	-0.02	-0.06	34.917	28.040	28.042	6.11	1463.6
900	-0.04	-0.08	34.917	28.042	28.044	5.91	1463.8
910	-0.05	-0.09	34.916	28.041	28.043	5.93	1463.9
920	-0.07	-0.11	34.917	28.043	28.045	5.70	1464.1
930	-0.08	-0.12	34.918	28.044	28.046	5.57	1464.3
970	-0.13	-0.17	34.917	28.046	28.048	5.26	1464.9
980	-0.14	-0.18	34.917	28.047	28.049	5.16	1465.1
990	-0.16	-0.20	34.916	28.047	28.049	5.12	1465.3
1000	-0.18	-0.22	34.915	28.047	28.049	5.00	1465.4
1010	-0.19	-0.23	34.916	28.049	28.051	4.83	1465.6
1020	-0.21	-0.25	34.917	28.050	28.052	4.64	1465.8
1030	-0.23	-0.27	34.918	28.052	28.054	4.41	1465.9
1040	-0.23	-0.28	34.917	28.051	28.054	4.43	1466.1
1050	-0.25	-0.29	34.916	28.052	28.054	4.36	1466.3
1060	-0.26	-0.31	34.917	28.053	28.055	4.23	1466.4
1070	-0.27	-0.32	34.917	28.054	28.056	4.09	1466.6
1080	-0.29	-0.34	34.918	28.055	28.057	3.93	1466.8
1090	-0.30	-0.34	34.917	28.055	28.057	3.87	1466.9
1100	-0.31	-0.36	34.917	28.055	28.058	3.81	1467.1
1110	-0.31	-0.36	34.917	28.056	28.058	3.73	1467.3
1120	-0.32	-0.37	34.918	28.057	28.059	3.62	1467.4
1130	-0.33	-0.38	34.918	28.057	28.060	3.53	1467.6
1140	-0.34	-0.39	34.919	28.058	28.061	3.40	1467.8
1150	-0.36	-0.41	34.917	28.058	28.060	3.34	1467.9
1160	-0.37	-0.42	34.917	28.058	28.061	3.28	1468.1
1170	-0.39	-0.44	34.917	28.059	28.062	3.14	1468.3
1180	-0.40	-0.45	34.916	28.059	28.061	3.10	1468.4
1190	-0.41	-0.46	34.917	28.060	28.062	2.98	1468.6
1200	-0.41	-0.46	34.917	28.060	28.063	2.92	1468.8
1210	-0.42	-0.47	34.918	28.061	28.064	2.76	1468.9
1220	-0.43	-0.49	34.918	28.062	28.065	2.64	1469.1
1230	-0.44	-0.49	34.917	28.062	28.064	2.65	1469.2
1240	-0.45	-0.51	34.918	28.063	28.066	2.45	1469.4
1251	-0.46	-0.51	34.918	28.064	28.066	2.38	1469.6

1260	-0.47	-0.52	34.918	28.064	28.066	2.31	1469.8
1270	-0.48	-0.54	34.919	28.065	28.067	2.17	1469.9
1280	-0.49	-0.55	34.918	28.065	28.068	2.08	1470.1
1290	-0.50	-0.55	34.919	28.066	28.069	1.96	1470.3
1300	-0.50	-0.56	34.920	28.067	28.069	1.87	1470.4
1310	-0.51	-0.57	34.919	28.067	28.069	1.83	1470.6
1320	-0.52	-0.58	34.921	28.068	28.071	1.65	1470.8
1330	-0.52	-0.58	34.920	28.068	28.070	1.66	1470.9
1341	-0.54	-0.59	34.921	28.069	28.072	1.47	1471.1
1350	-0.54	-0.60	34.919	28.068	28.071	1.51	1471.3
1360	-0.55	-0.61	34.922	28.071	28.074	1.22	1471.4
1370	-0.56	-0.62	34.921	28.071	28.073	1.20	1471.6
1380	-0.57	-0.63	34.921	28.071	28.074	1.13	1471.8
1390	-0.59	-0.65	34.922	28.073	28.075	0.89	1471.9
1400	-0.60	-0.66	34.921	28.072	28.075	0.85	1472.1

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	0.23	0.23	33.535	26.912	26.912	113.09	0.057	1448.3
10	0.28	0.28	33.577	26.943	26.943	110.14	0.112	1448.7
20	0.52	0.52	33.689	27.020	27.020	102.85	0.219	1450.1
30	0.08	0.08	33.847	27.171	27.171	88.51	0.315	1448.5
40	0.04	0.04	33.944	27.252	27.252	80.85	0.399	1448.6
50	0.07	0.07	33.993	27.290	27.290	77.26	0.478	1448.9
60	0.21	0.20	34.031	27.314	27.314	75.01	0.554	1449.8
70	0.22	0.21	34.041	27.321	27.321	74.33	0.629	1450.0
80	0.00	0.00	34.048	27.337	27.337	72.71	0.703	1449.2
90	-1.49	-1.49	34.111	27.449	27.450	61.69	0.770	1449.4
100	-1.46	-1.46	34.169	27.496	27.496	57.29	0.829	1449.6
110	-1.25	-1.25	34.282	27.580	27.581	49.27	0.883	1450.0
121	-0.99	-0.99	34.374	27.645	27.645	43.20	0.933	1450.3
130	-0.84	-0.85	34.412	27.671	27.671	40.78	0.971	1450.5
140	-0.57	-0.57	34.509	27.737	27.737	34.61	1.009	1450.8
150	-0.15	-0.16	34.595	27.787	27.787	30.05	1.041	1451.0
160	0.22	0.21	34.666	27.825	27.825	26.65	1.070	1452.3
170	0.38	0.37	34.699	27.842	27.843	25.10	1.095	1453.2
180	0.71	0.70	34.766	27.876	27.876	22.09	1.119	1455.0
190	1.11	1.10	34.841	27.910	27.911	19.08	1.140	1457.1
200	1.33	1.32	34.883	27.929	27.930	17.43	1.158	1458.2
230	1.32	1.31	34.904	27.946	27.947	15.90	1.208	1458.7
240	1.32	1.31	34.913	27.953	27.954	15.29	1.223	1458.9
250	1.32	1.31	34.919	27.959	27.959	14.82	1.239	1459.1
260	1.29	1.28	34.923	27.963	27.964	14.38	1.253	1459.1
270	1.25	1.24	34.927	27.970	27.971	13.75	1.267	1459.1
280	1.23	1.22	34.928	27.972	27.973	13.59	1.281	1459.2
290	1.22	1.21	34.929	27.973	27.974	13.48	1.294	1459.3
300	1.20	1.18	34.932	27.977	27.978	13.13	1.308	1459.4
310	1.18	1.16	34.932	27.979	27.980	12.97	1.321	1459.4
320	1.16	1.15	34.935	27.982	27.983	12.68	1.334	1459.5
330	1.13	1.12	34.934	27.983	27.985	12.57	1.346	1459.6
340	1.12	1.10	34.936	27.986	27.987	12.33	1.359	1459.7
350	1.10	1.09	34.936	27.988	27.989	12.22	1.371	1459.8
360	1.09	1.07	34.937	27.989	27.990	12.12	1.383	1459.9
370	1.08	1.06	34.938	27.991	27.992	11.96	1.395	1460.0
380	1.06	1.04	34.939	27.993	27.994	11.74	1.407	1460.1
390	1.03	1.01	34.939	27.995	27.996	11.59	1.419	1460.1
400	1.00	0.98	34.939	27.996	27.998	11.41	1.430	1460.1
410	0.95	0.93	34.932	27.994	27.995	11.59	1.442	1460.1
420	0.98	0.96	34.941	28.000	28.001	11.11	1.453	1460.4
430	0.91	0.89	34.935	27.999	28.001	11.12	1.464	1460.2
440	0.89	0.87	34.936	28.001	28.002	10.95	1.475	1460.3
450	0.84	0.82	34.934	28.003	28.005	10.68	1.486	1460.2
460	0.80	0.78	34.932	28.004	28.006	10.56	1.497	1460.2
470	0.79	0.77	34.937	28.009	28.010	10.19	1.507	1460.3
480	0.73	0.71	34.933	28.010	28.011	10.03	1.517	1460.2
490	0.70	0.68	34.932	28.011	28.012	9.90	1.527	1460.2
500	0.67	0.65	34.932	28.012	28.014	9.72	1.537	1460.3
510	0.60	0.58	34.928	28.013	28.015	9.58	1.547	1460.1

520	0.60	0.57	34.929	28.015	28.016	9.41	1.556	1460.2
530	0.55	0.52	34.928	28.017	28.018	9.20	1.565	1460.2
540	0.52	0.49	34.925	28.016	28.018	9.18	1.574	1460.2
550	0.49	0.46	34.927	28.019	28.021	8.89	1.584	1460.3
560	0.42	0.39	34.921	28.019	28.021	8.80	1.592	1460.1
570	0.39	0.37	34.921	28.020	28.022	8.68	1.601	1460.1
580	0.37	0.34	34.921	28.022	28.023	8.48	1.610	1460.2
590	0.36	0.33	34.926	28.026	28.028	8.10	1.618	1460.3
600	0.30	0.28	34.918	28.023	28.025	8.25	1.626	1460.2
610	0.26	0.24	34.918	28.026	28.027	7.97	1.634	1460.2
620	0.23	0.20	34.918	28.028	28.029	7.75	1.642	1460.2
630	0.20	0.18	34.916	28.028	28.029	7.71	1.650	1460.3
640	0.19	0.16	34.918	28.030	28.031	7.51	1.657	1460.4
650	0.17	0.15	34.917	28.030	28.031	7.48	1.665	1460.4
660	0.16	0.13	34.917	28.030	28.032	7.38	1.672	1460.6
670	0.15	0.12	34.918	28.032	28.033	7.24	1.680	1460.7
680	0.12	0.09	34.915	28.031	28.033	7.24	1.687	1460.7
690	0.10	0.07	34.916	28.033	28.035	7.04	1.694	1460.8
700	0.07	0.04	34.916	28.034	28.036	6.86	1.701	1460.8
710	0.05	0.02	34.915	28.035	28.037	6.74	1.708	1460.9
720	0.04	0.01	34.916	28.036	28.038	6.60	1.715	1461.0
730	0.02	-0.01	34.916	28.037	28.039	6.52	1.721	1461.1
740	0.02	-0.02	34.916	28.037	28.039	6.46	1.728	1461.2
750	-0.02	-0.05	34.916	28.039	28.041	6.24	1.734	1461.3
760	-0.04	-0.07	34.914	28.038	28.040	6.25	1.740	1461.5
770	-0.06	-0.09	34.915	28.041	28.042	6.00	1.746	1461.6
780	-0.09	-0.12	34.916	28.043	28.045	5.73	1.752	1461.8
790	-0.10	-0.14	34.916	28.044	28.046	5.59	1.758	1462.0
800	-0.11	-0.15	34.915	28.044	28.046	5.56	1.763	1462.1
810	-0.12	-0.16	34.915	28.044	28.046	5.51	1.769	1462.3
820	-0.15	-0.19	34.916	28.046	28.048	5.24	1.774	1462.5
830	-0.17	-0.20	34.915	28.047	28.049	5.17	1.779	1462.6
840	-0.18	-0.21	34.917	28.048	28.050	4.98	1.785	1462.8
850	-0.19	-0.23	34.915	28.048	28.050	5.01	1.790	1462.9
860	-0.21	-0.25	34.916	28.050	28.051	4.77	1.794	1463.1
870	-0.22	-0.26	34.916	28.050	28.052	4.71	1.799	1463.3
880	-0.24	-0.28	34.916	28.051	28.053	4.54	1.804	1463.4
890	-0.26	-0.30	34.916	28.052	28.054	4.42	1.808	1463.6
900	-0.27	-0.31	34.916	28.053	28.054	4.32	1.813	1463.8
910	-0.30	-0.34	34.917	28.054	28.056	4.09	1.817	1463.9
950	-0.36	-0.40	34.915	28.056	28.058	3.70	1.832	1464.6
960	-0.36	-0.40	34.914	28.056	28.058	3.74	1.836	1464.8
970	-0.37	-0.41	34.916	28.057	28.059	3.55	1.840	1464.9
980	-0.38	-0.42	34.916	28.058	28.060	3.45	1.843	1465.1
990	-0.40	-0.44	34.916	28.059	28.061	3.32	1.847	1465.3
1000	-0.40	-0.44	34.918	28.060	28.062	3.16	1.850	1465.4
1010	-0.41	-0.45	34.918	28.061	28.063	3.09	1.853	1465.6
1020	-0.42	-0.46	34.917	28.061	28.063	3.05	1.856	1465.8
1030	-0.43	-0.47	34.918	28.062	28.064	2.90	1.859	1465.9
1040	-0.44	-0.48	34.917	28.062	28.064	2.87	1.862	1466.1
1050	-0.45	-0.50	34.917	28.063	28.065	2.75	1.865	1466.3
1060	-0.47	-0.51	34.918	28.064	28.066	2.61	1.867	1466.4
1070	-0.48	-0.52	34.917	28.064	28.066	2.57	1.870	1466.6
1080	-0.49	-0.53	34.919	28.066	28.068	2.33	1.873	1466.8

1090	-0.50	-0.54	34.917	28.065	28.067	2.37	1.875	1466.9
1100	-0.50	-0.55	34.919	28.066	28.069	2.17	1.877	1467.1
1110	-0.52	-0.56	34.918	28.066	28.068	2.17	1.879	1467.3
1120	-0.52	-0.57	34.918	28.066	28.069	2.11	1.881	1467.4
1130	-0.53	-0.57	34.919	28.067	28.069	2.00	1.884	1467.6
1140	-0.53	-0.58	34.917	28.066	28.068	2.05	1.886	1467.8
1150	-0.55	-0.60	34.919	28.069	28.071	1.76	1.887	1467.9
1160	-0.55	-0.60	34.920	28.069	28.071	1.68	1.889	1468.1
1170	-0.56	-0.61	34.919	28.069	28.071	1.67	1.891	1468.3
1180	-0.56	-0.61	34.919	28.069	28.071	1.64	1.892	1468.4
1190	-0.57	-0.62	34.921	28.071	28.073	1.42	1.894	1468.6
1200	-0.57	-0.62	34.919	28.070	28.072	1.49	1.895	1468.8
1210	-0.58	-0.63	34.921	28.071	28.074	1.33	1.897	1468.9
1220	-0.58	-0.64	34.920	28.071	28.073	1.33	1.898	1469.1
1230	-0.59	-0.65	34.919	28.071	28.073	1.30	1.900	1469.3
1240	-0.61	-0.66	34.920	28.072	28.074	1.10	1.901	1469.4
1250	-0.62	-0.67	34.920	28.072	28.075	1.05	1.902	1469.6
1260	-0.62	-0.68	34.919	28.072	28.074	1.02	1.903	1469.8
1270	-0.63	-0.69	34.920	28.073	28.075	0.91	1.904	1469.9
1280	-0.64	-0.70	34.921	28.074	28.077	0.72	1.905	1470.1
1290	-0.65	-0.70	34.921	28.074	28.077	0.66	1.905	1470.3
1300	-0.65	-0.71	34.919	28.073	28.076	0.72	1.906	1470.4
1310	-0.66	-0.72	34.921	28.075	28.077	0.53	1.907	1470.6
1320	-0.67	-0.73	34.921	28.076	28.078	0.39	1.907	1470.8
1330	-0.68	-0.74	34.921	28.076	28.078	0.36	1.907	1470.9
1340	-0.68	-0.74	34.919	28.075	28.077	0.39	1.908	1471.1
1350	-0.69	-0.75	34.919	28.075	28.078	0.32	1.908	1471.3
1360	-0.70	-0.76	34.920	28.076	28.079	0.20	1.908	1471.4
1370	-0.71	-0.77	34.921	28.078	28.080	-0.02	1.909	1471.6
1380	-0.73	-0.79	34.920	28.077	28.080	-0.09	1.908	1471.8
1390	-0.74	-0.80	34.921	28.079	28.081	-0.29	1.908	1471.9

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	0.66	0.66	34.031	27.287	27.287	77.59	0.039	1450.9
10	0.67	0.67	34.030	27.286	27.286	77.66	0.078	1451.0
20	0.67	0.67	34.031	27.287	27.287	77.60	0.155	1451.2
30	0.70	0.70	34.043	27.295	27.295	76.84	0.232	1451.5
40	0.70	0.70	34.044	27.295	27.295	76.80	0.309	1451.7
50	0.63	0.62	34.043	27.299	27.299	76.43	0.386	1451.5
60	0.24	0.23	34.055	27.331	27.331	73.38	0.461	1449.9
70	0.16	0.16	34.056	27.335	27.336	72.92	0.534	1449.7
80	0.27	0.27	34.118	27.380	27.380	68.70	0.605	1450.5
90	0.21	0.20	34.290	27.522	27.523	55.24	0.667	1450.6
100	0.19	0.18	34.659	27.821	27.821	27.00	0.708	1451.2
110	0.23	0.23	34.723	27.870	27.870	22.41	0.733	1451.6
120	0.38	0.38	34.765	27.895	27.895	20.08	0.754	1452.5
130	0.48	0.48	34.796	27.914	27.914	18.32	0.773	1453.2
140	0.54	0.53	34.808	27.920	27.921	17.76	0.791	1453.6
150	0.42	0.42	34.815	27.933	27.933	16.54	0.808	1453.3
160	0.47	0.47	34.839	27.950	27.950	14.98	0.824	1453.7
170	0.53	0.53	34.847	27.953	27.953	14.75	0.839	1454.1
180	0.64	0.63	34.870	27.965	27.965	13.68	0.853	1454.8
190	0.67	0.66	34.882	27.972	27.973	12.97	0.866	1455.1
200	0.68	0.67	34.889	27.977	27.978	12.54	0.879	1455.3
210	0.74	0.73	34.899	27.981	27.982	12.24	0.891	1455.8
220	0.76	0.75	34.905	27.985	27.985	11.92	0.904	1456.1
230	0.82	0.81	34.914	27.989	27.989	11.61	0.915	1456.5
240	0.78	0.77	34.909	27.987	27.987	11.78	0.927	1456.5
250	0.82	0.81	34.918	27.992	27.992	11.37	0.939	1456.8
260	0.79	0.78	34.919	27.994	27.995	11.16	0.950	1456.9
270	0.82	0.81	34.929	28.000	28.001	10.63	0.961	1457.2
280	0.87	0.86	34.936	28.002	28.003	10.48	0.971	1457.6
290	0.84	0.83	34.932	28.001	28.002	10.55	0.982	1457.6
300	0.84	0.82	34.934	28.003	28.004	10.37	0.992	1457.7
310	0.79	0.78	34.935	28.007	28.008	10.04	1.003	1457.7
320	0.70	0.68	34.928	28.007	28.008	9.92	1.012	1457.4
330	0.64	0.63	34.928	28.011	28.012	9.52	1.022	1457.3
340	0.61	0.60	34.927	28.012	28.013	9.45	1.032	1457.4
350	0.60	0.58	34.929	28.015	28.016	9.20	1.041	1457.5
360	0.58	0.57	34.930	28.016	28.017	9.05	1.050	1457.6
370	0.57	0.55	34.931	28.018	28.019	8.85	1.059	1457.7
380	0.53	0.52	34.928	28.018	28.019	8.86	1.068	1457.7
390	0.50	0.48	34.929	28.021	28.022	8.56	1.077	1457.7
400	0.48	0.46	34.930	28.023	28.024	8.36	1.085	1457.7
410	0.46	0.45	34.929	28.023	28.024	8.38	1.093	1457.9
420	0.45	0.43	34.925	28.020	28.021	8.59	1.102	1457.9
430	0.44	0.42	34.930	28.025	28.026	8.15	1.110	1458.1
440	0.33	0.31	34.920	28.024	28.025	8.16	1.118	1457.7
450	0.27	0.25	34.919	28.026	28.027	7.91	1.127	1457.6
460	0.33	0.31	34.923	28.026	28.027	7.98	1.134	1458.0
470	0.27	0.25	34.922	28.029	28.030	7.64	1.142	1457.9
480	0.24	0.22	34.921	28.029	28.030	7.59	1.150	1458.0
490	0.23	0.21	34.921	28.030	28.032	7.43	1.157	1458.1

500	0.17	0.15	34.916	28.029	28.030	7.46	1.165	1458.0
511	0.18	0.15	34.921	28.033	28.034	7.14	1.173	1458.2
520	0.16	0.14	34.922	28.035	28.036	6.96	1.179	1458.3
530	0.14	0.12	34.922	28.036	28.037	6.84	1.186	1458.3
540	0.13	0.11	34.921	28.035	28.037	6.83	1.193	1458.4
550	0.07	0.05	34.916	28.035	28.036	6.81	1.200	1458.3
560	0.05	0.02	34.917	28.037	28.038	6.59	1.206	1458.4
570	0.03	0.01	34.916	28.037	28.038	6.54	1.213	1458.5
580	0.04	0.01	34.919	28.039	28.040	6.39	1.220	1458.7
590	0.01	-0.02	34.916	28.038	28.040	6.38	1.226	1458.7
600	-0.01	-0.04	34.916	28.039	28.040	6.27	1.232	1458.8
610	-0.03	-0.06	34.914	28.039	28.040	6.26	1.238	1459.0
620	-0.05	-0.08	34.916	28.042	28.043	5.94	1.245	1459.2
630	-0.07	-0.10	34.915	28.041	28.043	5.95	1.251	1459.3
641	-0.10	-0.13	34.916	28.044	28.045	5.66	1.257	1459.5
650	-0.12	-0.14	34.915	28.044	28.045	5.62	1.262	1459.6
670	-0.14	-0.16	34.916	28.045	28.047	5.43	1.273	1460.0
680	-0.15	-0.18	34.914	28.045	28.046	5.47	1.278	1460.1
690	-0.17	-0.20	34.915	28.047	28.048	5.26	1.284	1460.3
700	-0.19	-0.22	34.914	28.047	28.048	5.19	1.289	1460.5
710	-0.20	-0.23	34.914	28.048	28.049	5.05	1.294	1460.6
720	-0.22	-0.25	34.916	28.050	28.051	4.87	1.299	1460.8
730	-0.22	-0.25	34.915	28.049	28.051	4.87	1.304	1461.0
740	-0.25	-0.28	34.913	28.049	28.051	4.84	1.309	1461.1
750	-0.26	-0.29	34.914	28.051	28.052	4.66	1.314	1461.3
760	-0.27	-0.30	34.914	28.051	28.053	4.55	1.318	1461.5
770	-0.29	-0.32	34.913	28.051	28.053	4.49	1.323	1461.6
780	-0.30	-0.34	34.914	28.053	28.054	4.36	1.327	1461.8
790	-0.31	-0.34	34.913	28.053	28.054	4.33	1.332	1462.0
800	-0.33	-0.36	34.914	28.054	28.055	4.19	1.336	1462.1
810	-0.34	-0.37	34.914	28.055	28.056	4.05	1.340	1462.3
820	-0.36	-0.39	34.915	28.056	28.058	3.87	1.344	1462.5
830	-0.36	-0.40	34.913	28.055	28.056	3.98	1.348	1462.6
840	-0.38	-0.41	34.915	28.057	28.059	3.68	1.352	1462.8
850	-0.40	-0.43	34.914	28.058	28.059	3.60	1.355	1462.9
860	-0.42	-0.46	34.913	28.058	28.059	3.53	1.359	1463.1
870	-0.43	-0.47	34.911	28.057	28.058	3.58	1.362	1463.3
880	-0.44	-0.47	34.915	28.060	28.061	3.28	1.366	1463.4
890	-0.45	-0.49	34.917	28.062	28.064	3.01	1.369	1463.6
900	-0.46	-0.50	34.914	28.060	28.062	3.17	1.372	1463.8
910	-0.47	-0.50	34.914	28.061	28.062	3.09	1.375	1463.9
920	-0.48	-0.52	34.913	28.060	28.062	3.07	1.378	1464.1
930	-0.49	-0.52	34.916	28.063	28.065	2.75	1.381	1464.3
940	-0.50	-0.53	34.915	28.063	28.065	2.76	1.384	1464.4
950	-0.50	-0.54	34.915	28.063	28.065	2.71	1.387	1464.6
960	-0.52	-0.55	34.915	28.064	28.066	2.60	1.389	1464.8
970	-0.53	-0.57	34.916	28.065	28.067	2.42	1.392	1464.9
980	-0.54	-0.58	34.916	28.066	28.068	2.30	1.394	1465.1
990	-0.55	-0.59	34.916	28.066	28.068	2.21	1.396	1465.3
1000	-0.57	-0.61	34.917	28.068	28.069	2.03	1.399	1465.4
1010	-0.57	-0.61	34.915	28.067	28.068	2.10	1.401	1465.6
1020	-0.59	-0.63	34.918	28.069	28.071	1.81	1.403	1465.8
1030	-0.61	-0.65	34.916	28.069	28.071	1.74	1.404	1465.9
1040	-0.62	-0.66	34.917	28.070	28.072	1.61	1.406	1466.1
1050	-0.63	-0.68	34.916	28.070	28.071	1.57	1.408	1466.3
1060	-0.65	-0.69	34.918	28.072	28.074	1.29	1.409	1466.4
1070	-0.66	-0.70	34.917	28.072	28.074	1.28	1.410	1466.6
1080	-0.66	-0.71	34.918	28.073	28.074	1.16	1.412	1466.8
1090	-0.67	-0.71	34.918	28.073	28.075	1.13	1.413	1466.9

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	1.41	1.41	34.247	27.412	27.412	65.75	0.033	1454.6
10	1.40	1.40	34.252	27.417	27.417	65.32	0.066	1454.6
20	1.40	1.40	34.251	27.416	27.416	65.37	0.131	1454.8
30	1.40	1.40	34.251	27.416	27.416	65.42	0.196	1455.0
40	1.40	1.40	34.256	27.420	27.420	65.08	0.262	1455.1
50	0.95	0.95	34.326	27.507	27.507	56.80	0.323	1453.4
60	0.39	0.39	34.623	27.780	27.781	30.87	0.366	1451.4
70	0.36	0.36	34.746	27.881	27.881	21.38	0.393	1451.6
80	0.62	0.62	34.796	27.906	27.906	19.10	0.413	1453.0
90	0.87	0.87	34.837	27.923	27.924	17.49	0.431	1454.3
101	1.13	1.13	34.870	27.932	27.933	16.74	0.450	1455.7
110	1.22	1.21	34.880	27.934	27.934	16.63	0.465	1456.3
120	1.22	1.21	34.894	27.945	27.946	15.60	0.481	1456.4
130	1.29	1.28	34.910	27.953	27.954	14.92	0.496	1457.0
140	1.23	1.22	34.912	27.959	27.959	14.39	0.511	1456.9
150	1.18	1.18	34.917	27.966	27.967	13.72	0.525	1456.8
160	1.17	1.16	34.914	27.965	27.965	13.87	0.539	1456.9
170	1.14	1.13	34.916	27.969	27.969	13.53	0.552	1456.9
180	1.06	1.05	34.914	27.973	27.974	13.09	0.566	1456.7
190	1.02	1.01	34.917	27.978	27.979	12.63	0.579	1456.7
200	0.98	0.97	34.914	27.978	27.978	12.66	0.591	1456.7
210	0.98	0.97	34.921	27.984	27.985	12.10	0.604	1456.9
220	0.97	0.96	34.923	27.986	27.986	11.94	0.616	1457.0
230	0.95	0.94	34.925	27.988	27.989	11.71	0.628	1457.1
240	0.95	0.94	34.927	27.990	27.991	11.59	0.639	1457.3
250	0.96	0.94	34.932	27.994	27.994	11.26	0.651	1457.5
260	0.95	0.94	34.933	27.995	27.996	11.12	0.662	1457.6
270	0.94	0.93	34.935	27.997	27.998	10.96	0.673	1457.7
280	0.94	0.93	34.937	27.999	28.000	10.83	0.684	1457.9
290	0.93	0.92	34.937	28.000	28.001	10.76	0.695	1458.0
300	0.90	0.88	34.938	28.003	28.003	10.50	0.705	1458.0
310	0.87	0.85	34.938	28.004	28.005	10.34	0.716	1458.1
320	0.82	0.80	34.935	28.005	28.006	10.21	0.726	1458.0
330	0.78	0.77	34.935	28.008	28.009	9.97	0.736	1458.0
340	0.74	0.72	34.932	28.008	28.009	9.92	0.746	1458.0
350	0.67	0.65	34.928	28.010	28.011	9.73	0.756	1457.8
360	0.62	0.60	34.928	28.012	28.013	9.47	0.765	1457.7
370	0.58	0.56	34.925	28.012	28.013	9.43	0.775	1457.7
380	0.56	0.55	34.926	28.014	28.015	9.27	0.784	1457.8
390	0.52	0.50	34.924	28.015	28.016	9.12	0.793	1457.8
400	0.49	0.48	34.925	28.017	28.018	8.91	0.802	1457.8
410	0.49	0.47	34.925	28.018	28.019	8.83	0.811	1457.9
420	0.46	0.44	34.924	28.019	28.020	8.72	0.820	1458.0
430	0.39	0.38	34.920	28.020	28.021	8.60	0.829	1457.8
440	0.36	0.35	34.921	28.022	28.023	8.36	0.837	1457.9
450	0.39	0.37	34.924	28.023	28.024	8.27	0.845	1458.2
460	0.33	0.31	34.921	28.024	28.025	8.13	0.854	1458.1
470	0.27	0.25	34.916	28.024	28.025	8.08	0.862	1457.9
480	0.23	0.21	34.915	28.025	28.026	7.91	0.870	1457.9
490	0.21	0.19	34.915	28.026	28.027	7.82	0.878	1458.0

500	0.18	0.16	34.916	28.028	28.029	7.57	0.885	1458.0
510	0.17	0.15	34.915	28.028	28.030	7.54	0.893	1458.1
520	0.13	0.11	34.914	28.030	28.031	7.36	0.900	1458.1
530	0.10	0.08	34.913	28.031	28.032	7.22	0.908	1458.2
540	0.09	0.06	34.913	28.032	28.033	7.13	0.915	1458.2
550	0.07	0.04	34.912	28.032	28.033	7.05	0.922	1458.3
560	0.06	0.03	34.915	28.035	28.036	6.78	0.929	1458.4
570	0.05	0.03	34.913	28.033	28.034	6.93	0.936	1458.6
580	0.06	0.04	34.917	28.036	28.038	6.65	0.942	1458.8
590	0.03	0.01	34.917	28.037	28.038	6.54	0.949	1458.8
600	0.01	-0.02	34.917	28.039	28.040	6.32	0.955	1458.9
610	-0.02	-0.05	34.915	28.039	28.040	6.25	0.962	1459.0
620	-0.05	-0.08	34.915	28.040	28.042	6.09	0.968	1459.2
630	-0.06	-0.08	34.915	28.041	28.042	6.04	0.974	1459.3
640	-0.07	-0.10	34.916	28.042	28.044	5.86	0.980	1459.5
660	-0.12	-0.15	34.915	28.044	28.045	5.62	0.991	1459.8
670	-0.13	-0.16	34.915	28.045	28.046	5.50	0.997	1460.0
680	-0.14	-0.17	34.915	28.045	28.046	5.47	1.002	1460.1
690	-0.16	-0.19	34.913	28.045	28.046	5.42	1.008	1460.3
700	-0.18	-0.21	34.914	28.046	28.047	5.31	1.013	1460.5
710	-0.20	-0.23	34.914	28.047	28.049	5.13	1.018	1460.6
720	-0.22	-0.25	34.913	28.048	28.049	5.03	1.024	1460.8
730	-0.24	-0.27	34.912	28.048	28.050	4.95	1.029	1461.0
740	-0.25	-0.28	34.913	28.049	28.050	4.84	1.033	1461.1
750	-0.27	-0.30	34.912	28.049	28.051	4.75	1.038	1461.3
760	-0.29	-0.32	34.913	28.051	28.052	4.60	1.043	1461.5
770	-0.30	-0.33	34.912	28.051	28.052	4.55	1.047	1461.6
781	-0.32	-0.35	34.913	28.053	28.054	4.29	1.052	1461.8
789	-0.32	-0.35	34.911	28.051	28.053	4.43	1.056	1461.9
800	-0.34	-0.37	34.912	28.053	28.054	4.23	1.061	1462.1
810	-0.35	-0.39	34.913	28.054	28.056	4.07	1.065	1462.3
820	-0.37	-0.40	34.912	28.055	28.056	3.98	1.069	1462.4
830	-0.38	-0.41	34.912	28.055	28.056	3.93	1.073	1462.6
840	-0.40	-0.43	34.913	28.057	28.058	3.72	1.077	1462.8
850	-0.41	-0.45	34.913	28.057	28.059	3.64	1.080	1462.9
860	-0.42	-0.46	34.913	28.057	28.059	3.54	1.084	1463.1
870	-0.44	-0.47	34.913	28.058	28.060	3.43	1.087	1463.3
880	-0.44	-0.48	34.913	28.059	28.061	3.32	1.091	1463.4
890	-0.46	-0.50	34.912	28.059	28.060	3.29	1.094	1463.6
900	-0.47	-0.51	34.914	28.061	28.062	3.08	1.097	1463.8
910	-0.48	-0.51	34.914	28.061	28.062	3.06	1.100	1463.9
920	-0.48	-0.52	34.914	28.062	28.063	2.93	1.103	1464.1
930	-0.50	-0.54	34.914	28.062	28.064	2.86	1.106	1464.3
940	-0.51	-0.55	34.916	28.064	28.066	2.63	1.109	1464.4
950	-0.52	-0.56	34.915	28.064	28.066	2.57	1.111	1464.6
960	-0.54	-0.57	34.917	28.066	28.068	2.34	1.114	1464.8
970	-0.55	-0.59	34.916	28.066	28.068	2.28	1.116	1464.9
980	-0.55	-0.59	34.915	28.066	28.068	2.28	1.118	1465.1
990	-0.57	-0.61	34.916	28.067	28.068	2.14	1.121	1465.3
1000	-0.59	-0.63	34.916	28.067	28.069	1.99	1.123	1465.4
1010	-0.62	-0.66	34.916	28.069	28.071	1.77	1.125	1465.6
1020	-0.64	-0.68	34.914	28.069	28.071	1.65	1.126	1465.8
1030	-0.65	-0.69	34.916	28.070	28.072	1.49	1.128	1465.9
1040	-0.66	-0.70	34.916	28.071	28.073	1.38	1.129	1466.1
1050	-0.66	-0.70	34.916	28.071	28.072	1.42	1.131	1466.3

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	1.49	1.49	34.200	27.369	27.369	69.84	0.035	1454.9
10	1.49	1.49	34.200	27.368	27.368	69.89	0.070	1455.0
20	1.41	1.41	34.203	27.377	27.377	69.12	0.139	1454.8
30	1.42	1.41	34.206	27.379	27.379	68.92	0.208	1455.0
40	1.35	1.34	34.211	27.388	27.388	68.12	0.277	1454.8
50	0.27	0.27	34.410	27.615	27.615	46.48	0.334	1450.4
60	-0.48	-0.48	34.656	27.852	27.853	23.92	0.369	1449.7
70	0.07	0.06	34.736	27.890	27.890	20.47	0.392	1450.2
80	0.58	0.58	34.827	27.933	27.933	16.49	0.410	1452.9
91	0.95	0.94	34.857	27.934	27.934	16.48	0.428	1454.7
100	1.03	1.02	34.867	27.937	27.937	16.26	0.443	1455.2
110	1.13	1.13	34.884	27.943	27.943	15.75	0.459	1455.9
120	1.15	1.15	34.897	27.953	27.953	14.90	0.474	1456.2
130	1.13	1.13	34.900	27.956	27.956	14.60	0.489	1456.3
140	1.08	1.07	34.902	27.962	27.962	14.07	0.503	1456.2
150	1.07	1.06	34.905	27.965	27.965	13.79	0.517	1456.3
159	1.06	1.05	34.908	27.968	27.968	13.51	0.530	1456.4
170	1.02	1.01	34.915	27.975	27.976	12.82	0.544	1456.4
180	1.01	1.00	34.916	27.978	27.978	12.61	0.557	1456.5
190	0.98	0.97	34.919	27.982	27.982	12.25	0.569	1456.6
200	0.97	0.96	34.916	27.980	27.981	12.41	0.582	1456.7
210	0.94	0.93	34.918	27.984	27.985	12.07	0.594	1456.7
220	0.90	0.89	34.919	27.987	27.988	11.78	0.606	1456.7
230	0.90	0.89	34.922	27.989	27.990	11.59	0.617	1456.9
240	0.90	0.89	34.925	27.992	27.993	11.35	0.629	1457.0
250	0.88	0.87	34.925	27.994	27.995	11.20	0.640	1457.1
260	0.87	0.85	34.928	27.996	27.997	10.99	0.651	1457.2
270	0.87	0.86	34.929	27.997	27.998	10.92	0.662	1457.4
280	0.87	0.85	34.932	28.000	28.001	10.68	0.673	1457.5
290	0.85	0.84	34.933	28.001	28.002	10.55	0.684	1457.7
300	0.82	0.81	34.932	28.002	28.003	10.45	0.694	1457.7
310	0.80	0.79	34.932	28.004	28.005	10.33	0.704	1457.8
320	0.75	0.74	34.930	28.005	28.006	10.16	0.715	1457.7
330	0.70	0.68	34.928	28.007	28.008	9.96	0.725	1457.6
340	0.64	0.62	34.927	28.010	28.011	9.65	0.735	1457.5
350	0.57	0.55	34.923	28.011	28.012	9.46	0.744	1457.3
360	0.51	0.49	34.923	28.015	28.016	9.10	0.753	1457.2
370	0.50	0.49	34.923	28.015	28.016	9.08	0.763	1457.4
380	0.50	0.48	34.922	28.015	28.016	9.11	0.772	1457.5
392	0.47	0.45	34.924	28.018	28.019	8.78	0.782	1457.6
400	0.43	0.42	34.921	28.018	28.019	8.78	0.789	1457.5
410	0.41	0.39	34.922	28.020	28.021	8.55	0.798	1457.6
420	0.37	0.35	34.920	28.021	28.022	8.42	0.806	1457.6
430	0.34	0.33	34.921	28.023	28.024	8.22	0.815	1457.6
440	0.35	0.33	34.920	28.022	28.023	8.34	0.823	1457.8
450	0.31	0.29	34.919	28.023	28.025	8.16	0.831	1457.8
460	0.29	0.27	34.919	28.025	28.026	7.96	0.839	1457.8
470	0.28	0.25	34.919	28.025	28.027	7.94	0.847	1458.0
480	0.23	0.21	34.918	28.027	28.029	7.71	0.855	1457.9
490	0.22	0.20	34.919	28.029	28.030	7.53	0.863	1458.0

500	0.20	0.18	34.919	28.030	28.031	7.41	0.870	1458.1
510	0.18	0.15	34.918	28.030	28.031	7.38	0.877	1458.2
520	0.15	0.13	34.919	28.033	28.034	7.09	0.885	1458.2
530	0.11	0.08	34.919	28.035	28.036	6.85	0.892	1458.2
540	0.08	0.06	34.918	28.036	28.037	6.72	0.898	1458.2
550	0.06	0.04	34.917	28.036	28.037	6.69	0.905	1458.3
560	0.04	0.02	34.917	28.037	28.038	6.55	0.912	1458.4
570	0.02	-0.01	34.917	28.038	28.040	6.38	0.918	1458.4
600	-0.05	-0.07	34.917	28.042	28.043	5.95	0.937	1458.8
610	-0.05	-0.08	34.916	28.041	28.043	5.99	0.943	1459.0
620	-0.07	-0.09	34.916	28.042	28.043	5.89	0.949	1459.2
630	-0.10	-0.13	34.916	28.044	28.045	5.66	0.954	1459.3
640	-0.11	-0.14	34.916	28.044	28.046	5.61	0.960	1459.5
650	-0.13	-0.16	34.915	28.045	28.046	5.49	0.966	1459.6
660	-0.16	-0.19	34.914	28.045	28.047	5.40	0.971	1459.8
670	-0.19	-0.22	34.916	28.048	28.050	5.07	0.976	1460.0
680	-0.21	-0.24	34.915	28.049	28.050	4.98	0.981	1460.1
690	-0.24	-0.27	34.915	28.050	28.051	4.80	0.986	1460.3
700	-0.25	-0.28	34.915	28.051	28.052	4.69	0.991	1460.5
710	-0.27	-0.30	34.914	28.050	28.052	4.69	0.996	1460.6
720	-0.28	-0.30	34.915	28.052	28.053	4.55	1.000	1460.8
730	-0.29	-0.32	34.915	28.053	28.054	4.40	1.005	1461.0
740	-0.31	-0.34	34.914	28.053	28.055	4.33	1.009	1461.1
750	-0.31	-0.34	34.914	28.053	28.055	4.31	1.013	1461.3
760	-0.32	-0.35	34.915	28.054	28.056	4.17	1.018	1461.5
770	-0.33	-0.36	34.915	28.054	28.056	4.16	1.022	1461.6
780	-0.33	-0.36	34.915	28.055	28.056	4.09	1.026	1461.8
790	-0.35	-0.38	34.914	28.055	28.056	4.05	1.030	1462.0
800	-0.36	-0.39	34.914	28.056	28.057	3.93	1.034	1462.1
810	-0.36	-0.40	34.914	28.056	28.058	3.88	1.038	1462.3
820	-0.37	-0.41	34.915	28.056	28.058	3.81	1.042	1462.5
830	-0.39	-0.43	34.916	28.058	28.060	3.56	1.045	1462.6
840	-0.41	-0.44	34.915	28.058	28.060	3.53	1.049	1462.8
850	-0.43	-0.46	34.914	28.059	28.061	3.39	1.052	1462.9
860	-0.45	-0.48	34.916	28.061	28.063	3.15	1.056	1463.1
871	-0.46	-0.50	34.915	28.061	28.063	3.09	1.059	1463.3
880	-0.48	-0.51	34.916	28.062	28.064	2.95	1.062	1463.4
890	-0.49	-0.52	34.915	28.062	28.064	2.92	1.065	1463.6
900	-0.50	-0.54	34.916	28.064	28.066	2.67	1.068	1463.8
910	-0.51	-0.55	34.917	28.065	28.066	2.61	1.070	1463.9
920	-0.51	-0.55	34.917	28.065	28.066	2.56	1.073	1464.1
930	-0.52	-0.55	34.917	28.066	28.067	2.46	1.075	1464.3
940	-0.53	-0.56	34.916	28.064	28.066	2.53	1.078	1464.4
950	-0.54	-0.57	34.918	28.067	28.069	2.27	1.080	1464.6
960	-0.55	-0.59	34.918	28.068	28.070	2.13	1.082	1464.8
970	-0.56	-0.60	34.917	28.067	28.069	2.13	1.085	1464.9
980	-0.58	-0.62	34.916	28.068	28.069	2.04	1.087	1465.1
990	-0.59	-0.63	34.918	28.070	28.071	1.81	1.089	1465.3
1000	-0.61	-0.65	34.916	28.069	28.070	1.84	1.090	1465.4
1010	-0.61	-0.65	34.916	28.069	28.071	1.75	1.092	1465.6
1020	-0.61	-0.65	34.917	28.070	28.072	1.66	1.094	1465.8
1030	-0.61	-0.65	34.917	28.070	28.072	1.66	1.096	1465.9
1040	-0.62	-0.66	34.918	28.071	28.073	1.48	1.097	1466.1
1050	-0.62	-0.66	34.918	28.071	28.073	1.48	1.099	1466.3
1060	-0.62	-0.67	34.918	28.071	28.073	1.43	1.100	1466.4
1070	-0.64	-0.68	34.918	28.072	28.074	1.33	1.101	1466.6
1080	-0.64	-0.69	34.918	28.072	28.074	1.27	1.103	1466.8
1090	-0.65	-0.70	34.921	28.075	28.077	0.97	1.104	1466.9
1090	-0.65	-0.70	34.921	28.075	28.077	0.97	1.104	1466.9

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	2.83	2.83	34.200	27.262	27.262	79.99	0.040	1460.7
10	2.83	2.83	34.200	27.262	27.262	80.02	0.080	1460.8
20	2.81	2.81	34.199	27.262	27.262	80.04	0.160	1460.9
30	2.13	2.13	34.223	27.339	27.339	72.77	0.236	1458.1
40	0.57	0.57	34.395	27.586	27.586	49.25	0.297	1451.6
50	-0.30	-0.30	34.474	27.697	27.697	38.71	0.341	1449.2
60	-0.68	-0.68	34.518	27.750	27.750	33.58	0.378	1449.5
70	-0.42	-0.42	34.656	27.849	27.849	24.22	0.406	1449.8
80	-0.15	-0.15	34.702	27.874	27.874	21.96	0.430	1450.0
90	0.22	0.22	34.775	27.913	27.913	18.36	0.450	1451.3
100	0.39	0.39	34.802	27.924	27.924	17.32	0.468	1452.3
110	0.50	0.49	34.816	27.930	27.930	16.81	0.485	1452.9
120	0.64	0.64	34.867	27.962	27.962	13.87	0.500	1453.8
130	0.72	0.72	34.873	27.961	27.962	13.95	0.514	1454.4
140	0.75	0.74	34.876	27.962	27.963	13.86	0.528	1454.7
150	0.78	0.77	34.889	27.971	27.971	13.12	0.541	1455.0
160	0.76	0.75	34.889	27.972	27.972	13.02	0.554	1455.1
170	0.74	0.73	34.893	27.976	27.977	12.60	0.567	1455.1
180	0.80	0.79	34.903	27.981	27.982	12.21	0.580	1455.6
190	0.79	0.78	34.903	27.981	27.982	12.20	0.592	1455.7
200	0.78	0.77	34.907	27.985	27.986	11.83	0.604	1455.8
210	0.75	0.75	34.913	27.991	27.992	11.26	0.615	1455.9
220	0.74	0.73	34.917	27.996	27.997	10.82	0.626	1456.0
230	0.73	0.72	34.919	27.998	27.999	10.65	0.637	1456.1
240	0.70	0.69	34.921	28.001	28.002	10.34	0.648	1456.1
250	0.69	0.67	34.920	28.002	28.003	10.29	0.658	1456.2
260	0.65	0.64	34.917	28.001	28.002	10.38	0.668	1456.2
270	0.60	0.59	34.920	28.007	28.008	9.77	0.678	1456.2
280	0.57	0.56	34.921	28.009	28.010	9.56	0.688	1456.2
290	0.55	0.54	34.919	28.010	28.010	9.55	0.698	1456.3
300	0.49	0.47	34.915	28.010	28.011	9.43	0.707	1456.1
310	0.46	0.44	34.915	28.012	28.012	9.29	0.716	1456.2
320	0.44	0.43	34.915	28.013	28.014	9.17	0.726	1456.2
330	0.42	0.41	34.916	28.015	28.016	8.97	0.735	1456.3
340	0.37	0.36	34.915	28.016	28.017	8.80	0.744	1456.3
350	0.34	0.33	34.916	28.019	28.020	8.53	0.752	1456.3
360	0.31	0.29	34.914	28.020	28.021	8.44	0.761	1456.3
370	0.28	0.26	34.912	28.020	28.021	8.39	0.769	1456.3
430	0.14	0.13	34.914	28.029	28.030	7.43	0.817	1456.7
440	0.13	0.11	34.914	28.030	28.031	7.33	0.824	1456.8
450	0.11	0.09	34.914	28.031	28.032	7.19	0.831	1456.9
460	0.08	0.06	34.913	28.032	28.033	7.09	0.838	1456.9
470	0.07	0.05	34.914	28.033	28.034	7.00	0.845	1457.0
480	0.06	0.04	34.914	28.033	28.035	6.91	0.852	1457.1
490	0.05	0.03	34.913	28.034	28.035	6.87	0.859	1457.2
500	0.02	0.00	34.913	28.035	28.036	6.71	0.866	1457.3
510	0.01	-0.01	34.914	28.036	28.037	6.60	0.873	1457.4
520	-0.01	-0.03	34.913	28.037	28.038	6.48	0.879	1457.5
530	-0.02	-0.05	34.914	28.038	28.039	6.38	0.886	1457.7
540	-0.04	-0.06	34.913	28.038	28.039	6.32	0.892	1457.8

550	-0.08	-0.10	34.912	28.039	28.040	6.17	0.898	1458.0
560	-0.09	-0.12	34.913	28.041	28.042	6.00	0.904	1458.2
570	-0.09	-0.12	34.913	28.041	28.042	5.98	0.910	1458.3
580	-0.11	-0.14	34.912	28.041	28.043	5.88	0.916	1458.5
590	-0.12	-0.15	34.913	28.042	28.044	5.78	0.922	1458.7
600	-0.12	-0.15	34.913	28.043	28.044	5.74	0.928	1458.8
610	-0.12	-0.15	34.913	28.042	28.044	5.76	0.934	1459.0
620	-0.18	-0.21	34.912	28.045	28.046	5.40	0.939	1459.2
630	-0.20	-0.22	34.912	28.045	28.046	5.37	0.945	1459.3
640	-0.22	-0.25	34.913	28.047	28.049	5.11	0.950	1459.5
650	-0.26	-0.28	34.912	28.049	28.050	4.93	0.955	1459.6
660	-0.28	-0.30	34.913	28.050	28.052	4.74	0.960	1459.8
670	-0.30	-0.32	34.912	28.050	28.052	4.67	0.964	1460.0
680	-0.31	-0.34	34.911	28.051	28.052	4.58	0.969	1460.1
690	-0.32	-0.35	34.912	28.052	28.053	4.47	0.974	1460.3
700	-0.33	-0.36	34.912	28.052	28.054	4.40	0.978	1460.5
710	-0.39	-0.42	34.912	28.055	28.057	4.00	0.982	1460.6
720	-0.44	-0.46	34.912	28.058	28.059	3.67	0.986	1460.8
730	-0.48	-0.51	34.914	28.061	28.062	3.25	0.989	1461.0
740	-0.51	-0.54	34.912	28.061	28.063	3.14	0.993	1461.1
750	-0.53	-0.55	34.913	28.063	28.064	2.99	0.996	1461.3
760	-0.52	-0.55	34.914	28.063	28.064	2.94	0.999	1461.5
770	-0.53	-0.56	34.913	28.062	28.064	2.97	1.002	1461.6
780	-0.54	-0.57	34.915	28.064	28.066	2.74	1.004	1461.8
790	-0.59	-0.62	34.914	28.066	28.067	2.45	1.007	1462.0

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	2.72	2.72	34.094	27.186	27.186	87.17	0.044	1460.1
10	2.73	2.73	34.094	27.186	27.186	87.18	0.087	1460.2
20	2.72	2.72	34.086	27.180	27.180	87.82	0.175	1460.3
30	2.70	2.70	34.095	27.189	27.189	87.00	0.262	1460.4
40	2.62	2.62	34.104	27.203	27.204	85.72	0.348	1460.3
50	0.84	0.84	34.204	27.415	27.416	65.45	0.424	1452.7
60	-0.80	-0.81	34.468	27.714	27.714	36.91	0.475	1449.4
70	-0.97	-0.97	34.544	27.783	27.783	30.38	0.509	1449.7
80	-0.20	-0.21	34.711	27.883	27.884	21.02	0.535	1450.1
90	0.44	0.44	34.808	27.926	27.927	17.11	0.554	1452.4
100	0.79	0.79	34.840	27.931	27.931	16.80	0.571	1454.2
110	0.92	0.92	34.864	27.941	27.942	15.87	0.587	1454.9
120	1.14	1.13	34.891	27.949	27.949	15.23	0.602	1456.1
130	1.15	1.15	34.895	27.950	27.951	15.12	0.618	1456.3
140	1.16	1.15	34.896	27.951	27.952	15.07	0.633	1456.5
150	1.18	1.17	34.905	27.957	27.958	14.56	0.648	1456.8
160	1.12	1.12	34.911	27.965	27.966	13.80	0.662	1456.7
170	1.08	1.08	34.915	27.971	27.972	13.25	0.675	1456.7
180	1.07	1.07	34.915	27.972	27.973	13.17	0.688	1456.8
190	1.06	1.05	34.916	27.975	27.975	12.97	0.702	1456.9
200	1.00	0.99	34.920	27.981	27.982	12.34	0.714	1456.8
210	0.96	0.96	34.921	27.985	27.985	12.02	0.726	1456.8
220	0.95	0.94	34.925	27.988	27.989	11.72	0.738	1457.0
230	0.95	0.94	34.930	27.992	27.993	11.33	0.750	1457.1
240	0.94	0.93	34.930	27.993	27.994	11.28	0.761	1457.2
250	0.92	0.91	34.930	27.995	27.995	11.15	0.772	1457.3
260	0.90	0.89	34.932	27.997	27.998	10.94	0.783	1457.4
270	0.87	0.86	34.929	27.997	27.997	10.96	0.794	1457.4
280	0.81	0.79	34.926	27.999	28.000	10.72	0.805	1457.3
290	0.75	0.74	34.924	28.000	28.001	10.56	0.816	1457.2
300	0.72	0.70	34.924	28.003	28.004	10.34	0.826	1457.2
310	0.70	0.69	34.922	28.002	28.003	10.39	0.837	1457.3
321	0.64	0.63	34.923	28.007	28.008	9.92	0.848	1457.2
330	0.58	0.57	34.921	28.009	28.009	9.72	0.857	1457.1
340	0.57	0.55	34.920	28.009	28.010	9.69	0.866	1457.2
350	0.54	0.52	34.920	28.011	28.012	9.49	0.876	1457.2
360	0.50	0.49	34.918	28.011	28.012	9.43	0.885	1457.2
370	0.44	0.43	34.913	28.011	28.011	9.45	0.895	1457.1
380	0.42	0.40	34.917	28.016	28.017	8.96	0.904	1457.1
390	0.38	0.37	34.912	28.013	28.014	9.13	0.913	1457.1
400	0.36	0.34	34.917	28.019	28.020	8.59	0.922	1457.2
410	0.35	0.33	34.915	28.018	28.019	8.70	0.931	1457.3
420	0.33	0.31	34.916	28.020	28.021	8.46	0.939	1457.4
430	0.32	0.30	34.912	28.017	28.018	8.73	0.948	1457.5
440	0.26	0.25	34.913	28.021	28.022	8.29	0.956	1457.4
450	0.21	0.19	34.913	28.025	28.026	7.92	0.964	1457.3
460	0.20	0.18	34.914	28.026	28.027	7.79	0.972	1457.5
470	0.19	0.17	34.912	28.025	28.026	7.89	0.980	1457.6
480	0.18	0.16	34.913	28.026	28.027	7.77	0.988	1457.7
490	0.16	0.14	34.913	28.027	28.028	7.65	0.996	1457.8

500	0.14	0.12	34.913	28.028	28.029	7.53	1.003	1457.8
510	0.13	0.11	34.911	28.027	28.028	7.60	1.011	1457.9
520	0.09	0.07	34.911	28.030	28.031	7.33	1.018	1457.9
530	0.07	0.04	34.910	28.030	28.032	7.20	1.025	1458.0
540	0.04	0.02	34.910	28.031	28.033	7.07	1.033	1458.0
550	0.02	-0.01	34.911	28.034	28.035	6.83	1.040	1458.1
560	0.00	-0.02	34.909	28.033	28.034	6.88	1.046	1458.2
570	-0.01	-0.04	34.910	28.035	28.036	6.70	1.053	1458.3
580	-0.06	-0.08	34.908	28.035	28.037	6.54	1.060	1458.5
590	-0.08	-0.10	34.909	28.037	28.039	6.33	1.066	1458.7
600	-0.11	-0.13	34.910	28.039	28.040	6.11	1.072	1458.8
610	-0.11	-0.14	34.910	28.039	28.041	6.06	1.079	1459.0
620	-0.12	-0.14	34.910	28.040	28.041	6.01	1.085	1459.1
630	-0.14	-0.16	34.909	28.040	28.042	5.94	1.091	1459.3
640	-0.17	-0.20	34.909	28.042	28.043	5.75	1.096	1459.5
650	-0.20	-0.22	34.909	28.043	28.045	5.54	1.102	1459.6
660	-0.21	-0.24	34.911	28.045	28.047	5.30	1.107	1459.8
670	-0.23	-0.25	34.909	28.044	28.046	5.37	1.113	1460.0
680	-0.25	-0.28	34.908	28.045	28.047	5.23	1.118	1460.1
690	-0.26	-0.29	34.909	28.046	28.048	5.12	1.123	1460.3
700	-0.28	-0.31	34.908	28.046	28.048	5.07	1.128	1460.5
710	-0.30	-0.33	34.907	28.047	28.048	4.95	1.133	1460.6
720	-0.32	-0.35	34.910	28.050	28.051	4.61	1.138	1460.8
730	-0.33	-0.36	34.910	28.051	28.052	4.49	1.143	1461.0
740	-0.34	-0.37	34.909	28.050	28.052	4.55	1.147	1461.1
750	-0.36	-0.39	34.909	28.052	28.053	4.35	1.152	1461.3
760	-0.37	-0.40	34.910	28.052	28.054	4.28	1.156	1461.5
770	-0.38	-0.41	34.908	28.052	28.053	4.30	1.160	1461.6
780	-0.38	-0.41	34.909	28.052	28.054	4.21	1.165	1461.8
790	-0.41	-0.44	34.909	28.054	28.055	4.03	1.169	1461.9
800	-0.42	-0.45	34.910	28.055	28.057	3.83	1.173	1462.1
810	-0.42	-0.46	34.911	28.056	28.057	3.77	1.176	1462.3
820	-0.43	-0.46	34.910	28.056	28.057	3.75	1.180	1462.4
830	-0.44	-0.47	34.911	28.057	28.058	3.61	1.184	1462.6
840	-0.45	-0.49	34.910	28.056	28.058	3.62	1.187	1462.8
850	-0.47	-0.50	34.911	28.058	28.060	3.35	1.191	1462.9
860	-0.48	-0.52	34.911	28.059	28.060	3.27	1.194	1463.1
870	-0.49	-0.52	34.912	28.060	28.062	3.15	1.197	1463.3
880	-0.52	-0.55	34.911	28.061	28.062	3.00	1.201	1463.4
890	-0.53	-0.56	34.911	28.061	28.063	2.94	1.203	1463.6
900	-0.53	-0.56	34.911	28.061	28.063	2.89	1.206	1463.8
910	-0.53	-0.57	34.911	28.061	28.063	2.88	1.209	1463.9
920	-0.56	-0.59	34.912	28.063	28.065	2.58	1.212	1464.1
930	-0.58	-0.62	34.912	28.064	28.066	2.41	1.215	1464.3
940	-0.59	-0.63	34.913	28.065	28.067	2.27	1.217	1464.4
950	-0.59	-0.63	34.913	28.066	28.067	2.23	1.219	1464.6
960	-0.59	-0.63	34.912	28.065	28.067	2.29	1.221	1464.8
970	-0.60	-0.63	34.913	28.066	28.068	2.16	1.224	1464.9
980	-0.60	-0.63	34.914	28.066	28.068	2.13	1.226	1465.1
990	-0.60	-0.64	34.914	28.067	28.069	2.05	1.228	1465.3
1000	-0.60	-0.64	34.912	28.065	28.067	2.20	1.230	1465.4
1010	-0.63	-0.67	34.911	28.066	28.068	2.01	1.232	1465.6
1020	-0.66	-0.70	34.912	28.068	28.069	1.75	1.234	1465.8
1030	-0.67	-0.72	34.913	28.069	28.071	1.51	1.236	1465.9

1040	-0.68	-0.72	34.914	28.070	28.072	1.38	1.237	1466.1
1050	-0.69	-0.74	34.915	28.072	28.074	1.18	1.238	1466.3
1060	-0.71	-0.75	34.915	28.072	28.074	1.11	1.239	1466.4
1070	-0.71	-0.76	34.915	28.073	28.075	1.01	1.240	1466.6
1080	-0.71	-0.76	34.915	28.073	28.075	0.99	1.241	1466.8
1090	-0.72	-0.76	34.915	28.073	28.075	0.95	1.242	1466.9
1100	-0.73	-0.77	34.915	28.074	28.075	0.84	1.243	1467.1
1110	-0.73	-0.78	34.915	28.073	28.075	0.83	1.244	1467.3
1120	-0.73	-0.78	34.915	28.073	28.075	0.83	1.245	1467.4

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	1.58	1.58	33.982	27.187	27.187	87.06	0.044	1455.0
10	1.58	1.58	33.986	27.190	27.190	86.76	0.087	1455.1
20	1.56	1.56	34.023	27.222	27.222	83.82	0.172	1455.2
30	1.11	1.11	34.041	27.267	27.268	79.47	0.254	1453.4
40	-0.50	-0.50	34.261	27.534	27.534	54.10	0.321	1448.8
50	-1.23	-1.23	34.405	27.679	27.679	40.21	0.368	1449.2
60	-1.23	-1.23	34.483	27.743	27.743	34.17	0.405	1449.4
70	-0.11	-0.12	34.607	27.795	27.795	29.43	0.437	1449.7
80	0.32	0.32	34.695	27.842	27.843	25.01	0.464	1451.5
90	0.99	0.98	34.819	27.901	27.901	19.64	0.486	1454.8
100	1.08	1.08	34.837	27.909	27.909	18.97	0.506	1455.4
110	1.16	1.15	34.885	27.943	27.943	15.81	0.523	1456.0
120	1.21	1.20	34.904	27.954	27.954	14.77	0.538	1456.4
130	1.22	1.21	34.910	27.958	27.959	14.41	0.553	1456.7
140	1.18	1.18	34.916	27.965	27.966	13.76	0.567	1456.7
150	1.14	1.13	34.921	27.973	27.973	13.05	0.580	1456.6
160	1.12	1.12	34.924	27.976	27.977	12.77	0.593	1456.7
170	1.11	1.10	34.927	27.979	27.980	12.50	0.606	1456.8
180	1.11	1.10	34.929	27.981	27.982	12.34	0.618	1457.0
190	1.09	1.09	34.934	27.986	27.986	11.93	0.631	1457.1
200	1.08	1.07	34.935	27.988	27.989	11.75	0.642	1457.2
210	1.06	1.05	34.936	27.991	27.991	11.50	0.654	1457.3
220	1.03	1.02	34.940	27.995	27.996	11.12	0.665	1457.3
230	1.02	1.01	34.940	27.996	27.997	11.04	0.676	1457.4
240	1.00	0.99	34.944	28.001	28.002	10.58	0.687	1457.5
250	0.99	0.97	34.947	28.004	28.005	10.33	0.698	1457.6
260	0.97	0.95	34.943	28.002	28.003	10.47	0.708	1457.7
270	0.95	0.93	34.945	28.005	28.006	10.22	0.718	1457.8
280	0.92	0.91	34.945	28.006	28.007	10.14	0.729	1457.8
290	0.86	0.84	34.945	28.011	28.011	9.70	0.739	1457.7
300	0.84	0.82	34.943	28.011	28.011	9.70	0.748	1457.8
310	0.77	0.76	34.939	28.012	28.013	9.55	0.758	1457.6
320	0.69	0.68	34.933	28.011	28.012	9.55	0.767	1457.4
330	0.59	0.58	34.927	28.013	28.014	9.31	0.777	1457.1
340	0.56	0.54	34.926	28.015	28.016	9.14	0.786	1457.1
350	0.51	0.49	34.926	28.018	28.018	8.83	0.795	1457.1
360	0.49	0.47	34.926	28.018	28.019	8.74	0.804	1457.1
370	0.44	0.42	34.922	28.019	28.020	8.69	0.813	1457.1
380	0.41	0.39	34.921	28.019	28.020	8.59	0.821	1457.1
390	0.39	0.37	34.922	28.022	28.023	8.36	0.830	1457.2
400	0.36	0.34	34.921	28.022	28.023	8.26	0.838	1457.2
410	0.32	0.31	34.919	28.023	28.024	8.17	0.846	1457.2
420	0.29	0.28	34.918	28.024	28.025	8.08	0.854	1457.2
430	0.28	0.26	34.918	28.025	28.026	8.00	0.862	1457.3
440	0.25	0.24	34.917	28.025	28.026	7.95	0.870	1457.4
450	0.20	0.18	34.915	28.027	28.028	7.73	0.878	1457.3
460	0.19	0.17	34.915	28.027	28.028	7.69	0.886	1457.4
470	0.18	0.16	34.917	28.029	28.030	7.47	0.893	1457.5
480	0.17	0.15	34.915	28.028	28.030	7.53	0.901	1457.6
490	0.15	0.13	34.915	28.030	28.031	7.37	0.908	1457.7

500	0.10	0.08	34.916	28.032	28.034	7.06	0.916	1457.7
590	-0.08	-0.11	34.912	28.039	28.041	6.12	0.975	1458.7
600	-0.12	-0.14	34.912	28.042	28.043	5.86	0.981	1458.8
610	-0.13	-0.16	34.912	28.042	28.043	5.79	0.987	1459.0
620	-0.15	-0.18	34.911	28.043	28.044	5.70	0.992	1459.2
630	-0.17	-0.19	34.910	28.043	28.044	5.66	0.998	1459.3
640	-0.18	-0.20	34.910	28.043	28.044	5.63	1.004	1459.5
650	-0.19	-0.22	34.911	28.044	28.046	5.46	1.009	1459.6
660	-0.20	-0.23	34.909	28.043	28.045	5.51	1.015	1459.8
670	-0.22	-0.24	34.911	28.046	28.048	5.21	1.020	1460.0
680	-0.23	-0.26	34.912	28.047	28.049	5.07	1.025	1460.1
690	-0.24	-0.27	34.912	28.048	28.049	5.02	1.030	1460.3
700	-0.26	-0.28	34.912	28.048	28.050	4.93	1.035	1460.5
710	-0.27	-0.30	34.913	28.050	28.052	4.71	1.040	1460.6
720	-0.28	-0.31	34.913	28.050	28.052	4.67	1.045	1460.8
730	-0.29	-0.32	34.911	28.050	28.051	4.70	1.050	1461.0
740	-0.30	-0.33	34.913	28.052	28.053	4.48	1.054	1461.1
750	-0.31	-0.34	34.912	28.051	28.053	4.48	1.059	1461.3
760	-0.32	-0.35	34.913	28.052	28.054	4.38	1.063	1461.5
770	-0.33	-0.36	34.913	28.053	28.054	4.29	1.067	1461.6
780	-0.34	-0.37	34.913	28.053	28.055	4.21	1.072	1461.8
790	-0.36	-0.39	34.912	28.054	28.055	4.10	1.076	1462.0
800	-0.39	-0.43	34.910	28.053	28.055	4.06	1.080	1462.1
810	-0.40	-0.44	34.911	28.055	28.057	3.86	1.084	1462.3
820	-0.42	-0.45	34.911	28.056	28.057	3.78	1.088	1462.4
830	-0.42	-0.45	34.911	28.056	28.058	3.72	1.091	1462.6
840	-0.43	-0.46	34.912	28.057	28.059	3.60	1.095	1462.8
850	-0.44	-0.48	34.912	28.058	28.059	3.48	1.099	1462.9
860	-0.45	-0.49	34.912	28.058	28.060	3.37	1.102	1463.1
870	-0.46	-0.50	34.912	28.059	28.060	3.33	1.105	1463.3
880	-0.47	-0.51	34.912	28.060	28.061	3.20	1.109	1463.4
890	-0.48	-0.52	34.912	28.060	28.061	3.17	1.112	1463.6
900	-0.49	-0.52	34.912	28.060	28.061	3.14	1.115	1463.8
910	-0.49	-0.53	34.913	28.061	28.063	2.94	1.118	1463.9
920	-0.50	-0.54	34.912	28.060	28.062	3.00	1.121	1464.1
930	-0.51	-0.55	34.912	28.061	28.063	2.92	1.124	1464.3
940	-0.52	-0.56	34.912	28.061	28.063	2.87	1.127	1464.4
950	-0.53	-0.57	34.913	28.063	28.064	2.67	1.130	1464.6
960	-0.53	-0.57	34.914	28.064	28.066	2.54	1.132	1464.8
970	-0.54	-0.58	34.914	28.064	28.066	2.50	1.135	1464.9
980	-0.54	-0.58	34.914	28.064	28.066	2.49	1.137	1465.1
990	-0.54	-0.58	34.914	28.064	28.066	2.44	1.140	1465.3
1000	-0.55	-0.59	34.915	28.065	28.067	2.30	1.142	1465.4
1010	-0.56	-0.60	34.914	28.065	28.067	2.29	1.144	1465.6
1020	-0.57	-0.61	34.915	28.066	28.068	2.15	1.147	1465.8
1030	-0.58	-0.62	34.917	28.068	28.070	1.93	1.149	1465.9
1040	-0.58	-0.62	34.915	28.066	28.068	2.06	1.151	1466.1
1050	-0.58	-0.63	34.915	28.067	28.069	1.97	1.153	1466.3
1060	-0.59	-0.63	34.916	28.068	28.069	1.88	1.155	1466.4
1070	-0.59	-0.64	34.915	28.067	28.069	1.85	1.156	1466.6
1080	-0.60	-0.65	34.914	28.067	28.069	1.87	1.158	1466.8
1090	-0.61	-0.66	34.916	28.069	28.071	1.63	1.160	1466.9
1100	-0.62	-0.66	34.915	28.068	28.070	1.65	1.162	1467.1
1110	-0.62	-0.67	34.914	28.068	28.070	1.67	1.163	1467.3

1120	-0.62	-0.67	34.916	28.069	28.071	1.53	1.165	1467.4
1130	-0.62	-0.67	34.915	28.069	28.071	1.52	1.166	1467.6
1140	-0.64	-0.68	34.916	28.070	28.072	1.39	1.168	1467.8
1150	-0.64	-0.69	34.917	28.071	28.073	1.24	1.169	1467.9
1160	-0.65	-0.70	34.917	28.071	28.073	1.17	1.170	1468.1
1170	-0.67	-0.71	34.916	28.071	28.073	1.11	1.172	1468.3
1180	-0.67	-0.72	34.916	28.072	28.074	1.05	1.173	1468.4
1190	-0.67	-0.72	34.916	28.072	28.074	0.99	1.174	1468.6
1200	-0.68	-0.73	34.917	28.072	28.075	0.89	1.175	1468.8
1210	-0.68	-0.73	34.915	28.071	28.073	1.01	1.176	1468.9
1220	-0.69	-0.74	34.916	28.072	28.075	0.83	1.176	1469.1
1230	-0.69	-0.74	34.917	28.073	28.076	0.71	1.177	1469.3
1240	-0.69	-0.75	34.918	28.074	28.076	0.62	1.178	1469.4
1250	-0.70	-0.75	34.916	28.073	28.075	0.70	1.179	1469.6
1260	-0.71	-0.76	34.918	28.075	28.077	0.48	1.179	1469.8
1270	-0.71	-0.76	34.917	28.074	28.076	0.52	1.180	1469.9
1280	-0.72	-0.77	34.916	28.074	28.076	0.50	1.180	1470.1
1290	-0.72	-0.78	34.917	28.075	28.077	0.36	1.181	1470.2
1300	-0.73	-0.78	34.916	28.074	28.076	0.40	1.181	1470.4
1310	-0.73	-0.79	34.917	28.075	28.077	0.27	1.181	1470.6
1320	-0.74	-0.80	34.917	28.075	28.078	0.20	1.182	1470.7
1330	-0.75	-0.80	34.917	28.076	28.078	0.11	1.182	1470.9
1340	-0.75	-0.80	34.917	28.076	28.078	0.07	1.182	1471.1
1350	-0.75	-0.81	34.918	28.076	28.079	-0.02	1.182	1471.3
1360	-0.75	-0.81	34.918	28.077	28.079	-0.06	1.182	1471.4
1370	-0.75	-0.81	34.918	28.077	28.079	-0.12	1.182	1471.6
1380	-0.77	-0.82	34.918	28.078	28.080	-0.23	1.182	1471.8
1390	-0.77	-0.83	34.919	28.078	28.081	-0.36	1.181	1471.9
1400	-0.78	-0.84	34.918	28.078	28.080	-0.33	1.181	1472.1
1410	-0.79	-0.85	34.917	28.078	28.080	-0.41	1.181	1472.3
1420	-0.80	-0.86	34.917	28.078	28.080	-0.44	1.180	1472.4
1430	-0.80	-0.86	34.916	28.077	28.080	-0.46	1.180	1472.6
1440	-0.81	-0.87	34.916	28.078	28.080	-0.55	1.179	1472.7
1450	-0.82	-0.89	34.915	28.077	28.080	-0.60	1.179	1472.9
1460	-0.83	-0.90	34.916	28.079	28.081	-0.77	1.178	1473.1
1470	-0.84	-0.90	34.916	28.079	28.081	-0.81	1.177	1473.3
1480	-0.84	-0.90	34.916	28.079	28.081	-0.83	1.176	1473.4
1490	-0.84	-0.90	34.915	28.078	28.081	-0.83	1.175	1473.6
1500	-0.84	-0.90	34.915	28.078	28.080	-0.79	1.175	1473.8

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depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	1.88	1.88	33.836	27.048	27.048	100.22	0.050	1456.1
10	1.88	1.88	33.836	27.048	27.048	100.22	0.100	1456.2
20	1.88	1.88	33.837	27.049	27.049	100.23	0.200	1456.4
30	1.86	1.86	33.862	27.070	27.071	98.20	0.300	1456.5
40	1.90	1.90	33.917	27.112	27.112	94.33	0.396	1456.9
50	0.46	0.45	33.933	27.220	27.221	83.87	0.485	1450.6
60	-1.37	-1.37	34.166	27.491	27.491	57.97	0.556	1449.0
70	-1.34	-1.34	34.247	27.555	27.555	51.83	0.611	1449.3
80	-1.07	-1.07	34.325	27.609	27.609	46.76	0.660	1449.5
90	-0.91	-0.91	34.392	27.657	27.657	42.20	0.705	1449.8
100	-0.78	-0.79	34.448	27.697	27.697	38.42	0.745	1450.0
110	-0.65	-0.65	34.540	27.766	27.766	31.96	0.780	1450.3
120	0.24	0.23	34.656	27.815	27.815	27.56	0.810	1451.7
130	0.62	0.62	34.743	27.863	27.863	23.21	0.835	1453.7
140	1.34	1.34	34.847	27.898	27.899	20.14	0.857	1457.3
150	1.58	1.57	34.891	27.917	27.918	18.47	0.876	1458.5
160	1.54	1.53	34.894	27.923	27.923	18.01	0.894	1458.5
170	1.58	1.57	34.906	27.929	27.929	17.48	0.912	1458.9
180	1.46	1.45	34.904	27.936	27.937	16.76	0.929	1458.5
190	1.45	1.44	34.911	27.943	27.943	16.19	0.946	1458.6
200	1.43	1.42	34.917	27.949	27.950	15.62	0.962	1458.7
210	1.41	1.40	34.919	27.952	27.952	15.39	0.977	1458.8
220	1.41	1.40	34.922	27.954	27.955	15.19	0.993	1459.0
230	1.19	1.17	34.908	27.959	27.960	14.61	1.007	1458.1
240	1.15	1.14	34.909	27.962	27.963	14.36	1.022	1458.2
250	1.14	1.13	34.917	27.969	27.970	13.67	1.036	1458.3
260	1.14	1.12	34.924	27.975	27.976	13.17	1.049	1458.4
270	1.14	1.13	34.928	27.979	27.979	12.87	1.062	1458.6
280	1.14	1.13	34.930	27.980	27.981	12.77	1.075	1458.8
290	1.12	1.11	34.934	27.984	27.985	12.40	1.088	1458.9
300	1.12	1.11	34.932	27.983	27.984	12.53	1.100	1459.0
310	1.12	1.11	34.939	27.989	27.990	12.03	1.113	1459.2
320	1.09	1.08	34.937	27.989	27.990	12.00	1.125	1459.2
330	1.06	1.04	34.940	27.993	27.995	11.56	1.136	1459.2
340	1.04	1.03	34.940	27.995	27.996	11.48	1.148	1459.3
350	1.09	1.07	34.949	27.999	28.000	11.15	1.159	1459.7
360	1.07	1.06	34.949	27.999	28.001	11.10	1.170	1459.8
370	1.01	1.00	34.942	27.998	28.000	11.17	1.181	1459.7
380	0.91	0.90	34.941	28.004	28.005	10.56	1.192	1459.4
390	0.86	0.84	34.939	28.006	28.007	10.31	1.203	1459.3
400	0.85	0.83	34.939	28.007	28.008	10.28	1.213	1459.4
411	0.84	0.82	34.937	28.006	28.007	10.39	1.224	1459.6
420	0.79	0.78	34.938	28.009	28.010	10.06	1.234	1459.5
430	0.71	0.69	34.932	28.009	28.011	9.94	1.244	1459.3
440	0.69	0.67	34.934	28.013	28.014	9.59	1.253	1459.4
450	0.67	0.65	34.933	28.014	28.015	9.52	1.263	1459.4
460	0.63	0.61	34.932	28.014	28.016	9.41	1.272	1459.4
470	0.57	0.55	34.930	28.016	28.018	9.17	1.282	1459.3
480	0.54	0.52	34.929	28.018	28.019	9.00	1.291	1459.3
490	0.48	0.46	34.927	28.020	28.021	8.76	1.300	1459.2

500	0.48	0.45	34.927	28.020	28.021	8.75	1.308	1459.4
510	0.46	0.44	34.924	28.019	28.021	8.80	1.317	1459.5
520	0.42	0.40	34.925	28.022	28.023	8.54	1.326	1459.5
530	0.41	0.39	34.925	28.022	28.024	8.45	1.334	1459.6
540	0.37	0.35	34.922	28.022	28.023	8.46	1.343	1459.6
550	0.27	0.25	34.917	28.024	28.025	8.14	1.351	1459.3
560	0.23	0.20	34.914	28.024	28.025	8.06	1.359	1459.2
570	0.22	0.20	34.915	28.025	28.027	7.93	1.367	1459.3
580	0.19	0.17	34.914	28.026	28.028	7.81	1.375	1459.4
590	0.17	0.15	34.913	28.026	28.028	7.75	1.383	1459.4
600	0.13	0.10	34.912	28.028	28.030	7.49	1.390	1459.4
610	0.11	0.08	34.912	28.030	28.031	7.35	1.398	1459.5
620	0.09	0.06	34.911	28.029	28.031	7.34	1.405	1459.6
630	0.06	0.04	34.911	28.031	28.032	7.16	1.412	1459.6
640	0.05	0.03	34.910	28.031	28.033	7.11	1.420	1459.7
650	0.04	0.01	34.912	28.033	28.034	6.95	1.427	1459.8
660	0.03	0.00	34.911	28.033	28.034	6.93	1.434	1459.9
670	0.01	-0.02	34.911	28.034	28.036	6.76	1.440	1460.0
680	-0.02	-0.05	34.909	28.034	28.035	6.73	1.447	1460.1
690	-0.03	-0.06	34.910	28.035	28.037	6.58	1.454	1460.3
700	-0.04	-0.07	34.909	28.035	28.037	6.56	1.460	1460.5
710	-0.05	-0.08	34.909	28.035	28.037	6.53	1.467	1460.6
720	-0.05	-0.08	34.910	28.036	28.038	6.44	1.473	1460.8
730	-0.07	-0.10	34.910	28.038	28.039	6.26	1.480	1461.0
740	-0.09	-0.12	34.910	28.038	28.040	6.14	1.486	1461.1
750	-0.10	-0.13	34.910	28.039	28.040	6.09	1.492	1461.3
760	-0.11	-0.14	34.911	28.040	28.042	5.97	1.498	1461.5
770	-0.13	-0.16	34.911	28.041	28.043	5.83	1.504	1461.6
780	-0.13	-0.16	34.910	28.041	28.042	5.84	1.510	1461.8
790	-0.14	-0.18	34.912	28.042	28.044	5.64	1.516	1462.0
800	-0.16	-0.20	34.909	28.041	28.043	5.69	1.521	1462.1
810	-0.19	-0.22	34.911	28.044	28.046	5.36	1.527	1462.3
820	-0.19	-0.23	34.914	28.047	28.049	5.10	1.532	1462.4
830	-0.19	-0.23	34.912	28.045	28.047	5.25	1.537	1462.6
840	-0.21	-0.25	34.911	28.045	28.047	5.19	1.542	1462.8
850	-0.22	-0.25	34.912	28.047	28.048	5.05	1.547	1462.9
860	-0.23	-0.27	34.911	28.047	28.049	4.99	1.553	1463.1
870	-0.24	-0.27	34.912	28.047	28.049	4.92	1.557	1463.3
880	-0.24	-0.28	34.911	28.047	28.049	4.97	1.562	1463.4
890	-0.26	-0.30	34.910	28.048	28.050	4.80	1.567	1463.6
900	-0.27	-0.31	34.911	28.049	28.051	4.67	1.572	1463.8
910	-0.28	-0.32	34.911	28.049	28.051	4.63	1.577	1463.9
920	-0.31	-0.34	34.912	28.051	28.053	4.40	1.581	1464.1
930	-0.31	-0.35	34.911	28.051	28.053	4.36	1.586	1464.3
940	-0.31	-0.35	34.912	28.051	28.053	4.31	1.590	1464.4
950	-0.34	-0.38	34.912	28.053	28.055	4.09	1.594	1464.6
960	-0.35	-0.39	34.912	28.053	28.055	4.04	1.598	1464.8
970	-0.35	-0.39	34.913	28.055	28.056	3.87	1.602	1464.9
980	-0.36	-0.40	34.912	28.054	28.056	3.88	1.606	1465.1
990	-0.37	-0.41	34.913	28.055	28.057	3.76	1.610	1465.3
1000	-0.37	-0.41	34.913	28.055	28.057	3.76	1.614	1465.4
1010	-0.37	-0.42	34.913	28.055	28.057	3.72	1.617	1465.6
1020	-0.38	-0.42	34.912	28.055	28.057	3.72	1.621	1465.8
1030	-0.39	-0.43	34.913	28.056	28.058	3.59	1.625	1465.9

1040	-0.39	-0.44	34.913	28.057	28.059	3.50	1.628	1466.1
1050	-0.40	-0.45	34.912	28.056	28.058	3.51	1.632	1466.3
1060	-0.41	-0.45	34.914	28.057	28.059	3.36	1.635	1466.4
1070	-0.42	-0.46	34.914	28.058	28.060	3.23	1.638	1466.6
1080	-0.42	-0.47	34.915	28.059	28.061	3.11	1.642	1466.8
1091	-0.42	-0.47	34.915	28.059	28.061	3.12	1.645	1466.9
1100	-0.42	-0.47	34.914	28.058	28.061	3.18	1.648	1467.1

B87.461

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	0.00	0.00	32.627	26.190	26.190	181.60	0.091	1446.1
10	0.01	0.01	32.639	26.200	26.200	180.68	0.181	1446.2
20	0.08	0.08	32.690	26.238	26.238	177.05	0.360	1446.7
30	0.16	0.16	32.750	26.283	26.283	172.75	0.535	1447.3
40	-1.49	-1.49	33.218	26.724	26.724	130.67	0.687	1447.4
50	-1.54	-1.54	33.678	27.100	27.100	95.02	0.800	1448.2
60	-1.54	-1.54	33.837	27.228	27.228	82.76	0.889	1448.6
70	-1.53	-1.53	33.926	27.300	27.300	75.90	0.968	1448.8
80	-1.50	-1.50	34.076	27.422	27.422	64.37	1.038	1449.2
90	-1.48	-1.48	34.136	27.469	27.469	59.81	1.100	1449.4
100	-1.40	-1.40	34.212	27.528	27.528	54.20	1.157	1449.7
110	-1.28	-1.29	34.272	27.573	27.573	49.95	1.209	1449.9
120	-1.03	-1.04	34.358	27.634	27.635	44.20	1.256	1450.2
130	-0.78	-0.78	34.426	27.679	27.679	40.03	1.298	1450.5
140	-0.43	-0.44	34.500	27.724	27.724	35.91	1.336	1450.7
150	-0.14	-0.15	34.572	27.768	27.768	31.89	1.370	1451.0
160	0.06	0.05	34.649	27.819	27.820	27.10	1.400	1451.5
170	0.29	0.29	34.692	27.841	27.842	25.15	1.426	1452.8
180	0.37	0.36	34.712	27.853	27.854	24.03	1.450	1453.4
190	0.49	0.48	34.760	27.885	27.885	21.16	1.473	1454.2
200	0.63	0.62	34.798	27.907	27.908	19.10	1.493	1455.0
210	0.68	0.67	34.818	27.920	27.920	17.98	1.512	1455.4
220	0.76	0.75	34.841	27.933	27.934	16.76	1.529	1456.0
230	0.79	0.78	34.856	27.944	27.944	15.81	1.545	1456.3
240	0.80	0.79	34.878	27.961	27.961	14.26	1.560	1456.5
250	0.81	0.80	34.881	27.963	27.963	14.07	1.575	1456.7
260	0.80	0.79	34.896	27.975	27.976	12.90	1.588	1456.9
270	0.80	0.78	34.907	27.984	27.985	12.08	1.601	1457.0
280	0.79	0.78	34.910	27.987	27.988	11.80	1.613	1457.2
290	0.72	0.71	34.915	27.996	27.996	10.99	1.624	1457.0
300	0.70	0.68	34.918	28.000	28.001	10.59	1.635	1457.1
310	0.69	0.67	34.920	28.001	28.002	10.46	1.645	1457.2
320	0.68	0.67	34.919	28.001	28.002	10.48	1.656	1457.4
330	0.68	0.67	34.920	28.002	28.002	10.47	1.666	1457.5
340	0.69	0.67	34.920	28.002	28.003	10.48	1.677	1457.7
350	0.68	0.66	34.919	28.002	28.003	10.49	1.687	1457.8

B87.463

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	0.14	0.14	32.633	26.190	26.190	181.67	0.091	1446.7
10	0.14	0.14	32.637	26.192	26.192	181.40	0.182	1446.8
20	0.14	0.14	32.656	26.207	26.207	179.93	0.362	1447.0
30	0.07	0.07	32.740	26.279	26.279	173.09	0.539	1446.9
40	-0.04	-0.04	32.921	26.429	26.429	158.78	0.705	1447.0
50	-0.47	-0.47	33.011	26.522	26.522	149.92	0.859	1447.3
60	-0.03	-0.03	33.141	26.607	26.607	141.87	1.005	1447.6
70	-1.35	-1.35	33.533	26.976	26.976	106.67	1.129	1448.3
80	-1.55	-1.55	33.810	27.207	27.207	84.69	1.225	1448.8
90	-1.46	-1.47	33.933	27.304	27.304	75.45	1.305	1449.2
100	-1.46	-1.46	33.995	27.354	27.355	70.62	1.378	1449.4
110	-1.49	-1.49	34.104	27.444	27.444	62.08	1.444	1449.7
120	-1.44	-1.44	34.172	27.498	27.498	56.99	1.504	1450.0
130	-1.40	-1.40	34.208	27.526	27.526	54.31	1.560	1450.2
140	-1.25	-1.26	34.279	27.578	27.578	49.36	1.611	1450.4
150	-1.13	-1.14	34.311	27.599	27.600	47.35	1.660	1450.7
160	-0.91	-0.91	34.384	27.651	27.651	42.58	1.705	1450.9
170	-0.66	-0.66	34.460	27.702	27.702	37.84	1.745	1451.2
180	-0.49	-0.50	34.488	27.717	27.717	36.46	1.782	1451.4
190	-0.28	-0.29	34.549	27.756	27.757	32.84	1.817	1451.6
200	-0.08	-0.09	34.588	27.778	27.779	30.88	1.849	1451.8
210	0.08	0.08	34.643	27.814	27.814	27.63	1.878	1452.5
220	0.27	0.26	34.684	27.836	27.837	25.61	1.904	1453.5
230	0.44	0.43	34.718	27.854	27.855	24.03	1.929	1454.5
240	0.53	0.52	34.751	27.875	27.876	22.13	1.952	1455.1
250	0.70	0.68	34.802	27.906	27.907	19.34	1.973	1456.1
260	0.86	0.85	34.854	27.938	27.938	16.50	1.991	1457.1
270	0.94	0.93	34.874	27.948	27.949	15.60	2.007	1457.6
280	0.97	0.96	34.891	27.959	27.960	14.56	2.022	1458.0
290	0.96	0.94	34.904	27.972	27.972	13.44	2.036	1458.1
300	0.91	0.89	34.909	27.979	27.979	12.76	2.049	1458.0
310	0.86	0.85	34.915	27.986	27.987	12.02	2.062	1458.0
320	0.83	0.81	34.915	27.989	27.990	11.79	2.074	1458.0
330	0.82	0.81	34.915	27.989	27.990	11.79	2.085	1458.1
340	0.82	0.80	34.916	27.990	27.991	11.69	2.097	1458.3
350	0.82	0.80	34.917	27.991	27.992	11.66	2.109	1458.4
360	0.83	0.81	34.919	27.992	27.993	11.60	2.120	1458.7
370	0.79	0.77	34.918	27.993	27.994	11.43	2.132	1458.6
380	0.67	0.66	34.919	28.002	28.003	10.50	2.143	1458.3
390	0.60	0.59	34.921	28.007	28.008	9.94	2.153	1458.1
400	0.58	0.56	34.920	28.008	28.009	9.85	2.163	1458.2

B87.465

depth	temp	theta	salinity	sigmat	sig_th	delta	geopot	soundv
5	7.52	7.52	35.114	27.435	27.435	63.64	0.032	1480.9
10	7.52	7.52	35.113	27.434	27.434	63.80	0.064	1480.9
20	7.52	7.52	35.114	27.435	27.435	63.94	0.128	1481.1
32	7.52	7.52	35.114	27.434	27.434	64.20	0.204	1481.3
40	7.52	7.52	35.113	27.433	27.434	64.42	0.256	1481.5
50	7.46	7.46	35.113	27.442	27.443	63.75	0.320	1481.4
60	7.41	7.40	35.114	27.451	27.452	63.07	0.383	1481.4
70	7.34	7.33	35.116	27.463	27.464	62.08	0.446	1481.2
90	7.04	7.03	35.122	27.510	27.511	57.93	0.566	1480.4
100	6.91	6.90	35.113	27.520	27.521	57.13	0.623	1480.1
110	6.94	6.93	35.122	27.524	27.525	56.94	0.681	1480.4
120	6.96	6.95	35.128	27.526	27.527	56.91	0.737	1480.6
130	6.92	6.91	35.125	27.528	27.530	56.80	0.794	1480.6
140	6.91	6.90	35.126	27.530	27.532	56.82	0.851	1480.8
150	6.90	6.88	35.123	27.531	27.533	56.91	0.908	1480.9
160	6.87	6.85	35.121	27.533	27.535	56.81	0.965	1480.9
170	6.83	6.82	35.118	27.535	27.537	56.78	1.022	1480.9
180	6.81	6.80	35.115	27.536	27.538	56.87	1.078	1481.0
190	6.77	6.75	35.111	27.538	27.540	56.81	1.135	1481.0
200	6.76	6.74	35.111	27.540	27.542	56.80	1.192	1481.2
210	6.75	6.73	35.111	27.541	27.543	56.85	1.249	1481.3
220	6.71	6.69	35.106	27.542	27.545	56.82	1.306	1481.3
230	6.69	6.67	35.105	27.544	27.547	56.80	1.363	1481.4
240	6.71	6.69	35.109	27.545	27.548	56.85	1.419	1481.6
250	6.76	6.74	35.122	27.547	27.551	56.84	1.476	1482.0
260	6.76	6.74	35.124	27.549	27.553	56.82	1.533	1482.2
270	6.76	6.73	35.124	27.550	27.554	56.88	1.590	1482.3
280	6.74	6.72	35.125	27.553	27.556	56.78	1.647	1482.4
290	6.74	6.72	35.124	27.553	27.556	56.97	1.704	1482.6
300	6.74	6.71	35.123	27.552	27.556	57.14	1.761	1482.7
310	6.73	6.70	35.123	27.553	27.557	57.19	1.818	1482.8
320	6.70	6.67	35.121	27.556	27.560	57.08	1.875	1482.9
330	6.69	6.66	35.122	27.558	27.562	57.05	1.932	1483.0
340	6.67	6.64	35.120	27.559	27.563	57.10	1.989	1483.1
350	6.67	6.64	35.120	27.559	27.564	57.22	2.046	1483.3
360	6.65	6.62	35.118	27.560	27.564	57.32	2.104	1483.4
370	6.58	6.54	35.109	27.563	27.567	57.10	2.161	1483.2
380	6.56	6.53	35.104	27.561	27.566	57.38	2.218	1483.3
390	6.52	6.49	35.100	27.564	27.569	57.28	2.275	1483.3
400	6.50	6.47	35.098	27.564	27.569	57.36	2.333	1483.4
410	6.48	6.44	35.095	27.566	27.571	57.36	2.390	1483.5
420	6.50	6.46	35.103	27.568	27.573	57.32	2.447	1483.7
430	6.53	6.49	35.109	27.570	27.575	57.32	2.505	1484.0
440	6.49	6.45	35.110	27.575	27.580	56.97	2.562	1484.1
450	6.45	6.41	35.108	27.579	27.584	56.69	2.619	1484.1
460	6.41	6.37	35.104	27.581	27.586	56.61	2.675	1484.1
470	6.35	6.30	35.097	27.584	27.590	56.37	2.732	1483.9
480	6.35	6.30	35.097	27.585	27.591	56.46	2.788	1484.1
490	6.34	6.29	35.095	27.584	27.590	56.69	2.845	1484.2