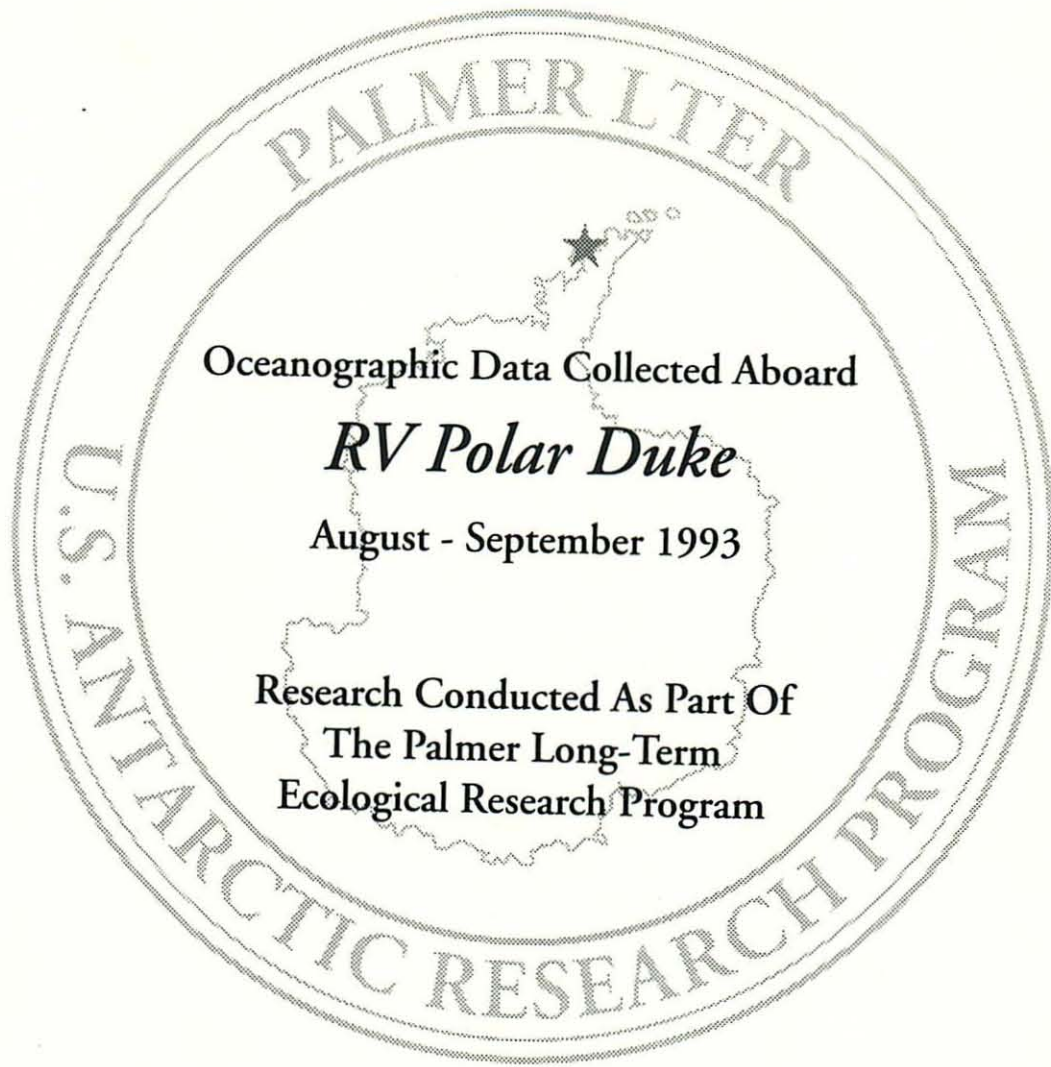


KSB



J. M. Klinck and R. C. Smith

CCPO Technical Report No. 94-01

CENTER FOR COASTAL PHYSICAL OCEANOGRAPHY

Crittenton Hall Old Dominion University Norfolk, Virginia 23529



Oceanographic Data Collected Aboard
RV Polar Duke
August - September 1993

Research Conducted As Part of the
Palmer Long-Term Ecological Research Program

August 1994

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INTRODUCTION

From 23 August to 30 September 1993, a multidisciplinary cruise was conducted aboard the *RV Polar Duke* as part of the Palmer Long-Term Ecological Research (LTER) program off the Antarctic Peninsula. Stations were occupied at specified grid locations (Figure 1) within the Palmer LTER survey grid (Waters and Smith, 1992). The cruise departed and returned to Punta Arenas, Chile.

Oceanographic data were collected using a Bio-Optical Profiling System (BOPS) (for a complete description see Smith *et al.*, 1984 and Smith and Baker, 1984). The BOPS package was configured with a SeaBird CTD sensor to measure temperature, conductivity, and pressure; a BioSpherical PAR and spectral irradiance sensor; and a SeaTech fluorometer. The first portion of this report presents the hydrographic data collected with the CTD system on the BOPS. The following measured and derived quantities are reported: temperature, potential temperature, salinity, density, dynamic height, and Brunt-Väisälä frequency.

Upon return from the cruise, the CTD measurements from the BOPS were processed initially at the Center for Remote Sensing and Environmental Optics at the University of California, Santa Barbara. Final processing and report generation were completed at the Center for Coastal Physical Oceanography (CCPO) at Old Dominion University.

This report also contains temperature data collected using a Sippican, Inc. MK-12 expendable bathythermograph (XBT) system. Upon return from the cruise, the XBT data were processed by LTER personnel at CCPO.

Tapes of both the BOPS and XBT data sets at one-meter resolution have been sent to the National Oceanographic Data Center.

The temperature and conductivity sensors on the BOPS CTD system were subjected to pre- and post-cruise calibrations by SeaBird Electronics. The change in the temperature sensor between the two calibrations was $0.0005^{\circ}\text{C mo}^{-1}$. The change in the conductivity sensor was $0.00006 \text{ Siemens m}^{-1} \text{ mo}^{-1}$. Both of these changes are negligible and consequently no corrections were applied to the temperature or conductivity data presented in this report.

SAMPLING PROCEDURES AND QUALITY ASSURANCE

BOPS Data Collection and Processing

The BOPS was used to collect 60 vertical profiles of temperature and conductivity at 42 stations within the Palmer LTER grid (Figure 1). Of the original 60 profiles, 55 yielded good data which are presented in this report. Observations were

made to 500 meters or to within a few meters of the bottom at stations shallower than 500 meters. The BOPS unit was lowered and raised at approximately 30 m min⁻¹. Data were collected on both down and up casts; whenever possible down cast data were used to obtain the hydrographic quantities.

A 12-place rosette frame, outfitted with 12 12-liter Go Flo bottles, was lowered with the BOPS. The bottles were closed at selected depths on the up cast to obtain water for nutrient and biological analyses. Horizontal spacing between the hydrographic stations was 20 km on most transects; alongshelf spacing between transects was 100 km.

For each cast, the raw data (temperature and conductivity) from the BOPS were converted to engineering units and averaged into 1-meter depth bins. The conductivity data were corrected for thermal mass effects and pressure reversals. Data from the top 2 m of the water column were ignored due to sensor adjustment and rough surface conditions.

The procedures given in UNESCO (1983) were used to compute salinity from the temperature and conductivity data. Temperature and salinity profiles were plotted for each cast and visually inspected for consistency with acceptable, historical values for the region and for unrealistic spikes. Unrealistic low salinities, probably caused by ice crystals in the conductivity sensor, resulted in editing of the upper portion of 7 salinity profiles. For these profiles, the first realistic salinity value was used for calculation of derived variables in the upper water column. The stations at which this was done were characterized by a deep, well-mixed surface layer. Thus, the editing resulted in little, or no bias in the derived hydrographic quantities. Twelve of the down casts could not be edited in this fashion; thus, up cast data were substituted at these stations. A summary of the stations at which editing or substitution of data was done is given in Table 1. Five of the original 60 BOPS casts had temperature or salinity values for both the up and down casts which could not be edited. These stations are not included in this report.

A 5-meter running average was applied to the temperature and salinity data to generate smoothed profiles for further processing. Potential temperature (θ) was determined from temperature profiles based on algorithms given in UNESCO (1983). The potential temperature and salinity data were used to calculate the density-related quantity, σ_0 , which is the density anomaly for a water parcel that is moved adiabatically to the surface and was calculated using the International Equation of State of Seawater, 1980 as described in UNESCO (1983). Dynamic height values, reported in dynamic meters, were calculated relative to the first depth bin closest to the surface. The Brunt-Väisälä frequency, which is a measure of water column stability, was calculated from the 1-db vertical profiles of potential density and density gradient at each station using the approach described in Fofonoff and Bray (1981).

As a final step, all data were interpolated, using a cubic spline, to the standard depths that are reported in the following tables.

XBT Data Collection and Processing

XBT drops were made at 38 stations, of which 33 provided good data. Sippican probes, either T-6 (nominal maximum depth: 460 m) or T-7 (nominal maximum depth: 760 m), or Sparton probes T-5 (nominal maximum depth: 1800 m) were used. All XBTs were deployed from either a hand-held launcher or ship mounted launcher, while the ship was underway. The raw voltage data were logged to a computer disk file under the control of the MK-12 hardware and software configuration provided by Sippican, Inc. In general, the horizontal spacing of the XBT stations was 20 km on most transects; alongshelf spacing between transects was 100 km. Two XBT transects with spacing of about 2 km were made across the shelf break on the northernmost section of the LTER study region (Figure 1).

The raw voltage data were converted using MK-12 post-processing software to generate vertical profiles of temperature (degrees Celsius). Each profile was plotted and visually inspected. Bad XBT casts were identified and eliminated by comparing the XBT-derived temperature with known ranges for the study region. Typically, the temperatures within the top few meters were unrealistic due to the initial adjustment of the XBT thermistor to the cold water. Thus, the top 5 meters of each XBT cast were deleted. The remaining data were smoothed with a 5-meter running average and interpolated using a cubic spline to the standard depths that are reported in the following tables.

GRAPHICAL AND TABULAR DATA CHARACTERISTICS

A reference list of all 55 BOPS and 33 XBT casts is presented in Table 1, which contains the cast event number, station latitude and longitude, Julian day, Greenwich Mean Time, station number, and data type (BOPS or XBT). The final column indicates if the station profiles were edited or if up cast data were substituted for the down cast data. No comment indicates that the original down cast data were used.

The remainder of the data report presents graphical and tabular representations of station information and oceanographic measurements.

BOPS Data

For each BOPS cast, a table of station information is provided as described below.

- Station and event numbers (in parenthesis to the right of the station number) are given for each station. The event number is a unique number assigned to each shipboard activity.
- The day of the BOPS cast is reported in Julian Days.
- Time for the BOPS cast is given in Greenwich Mean Time and corresponds to the time when the BOPS departed the surface on the down cast.
- Latitude and longitude locations correspond to the navigational fix, from the FURNO GPS receiver system, at the time the BOPS cast started.
- Bottom depths were determined acoustically with the 50kHz Digitrak system on board the ship. A value of -999 is reported when depth information was missing.

The second table given for each BOPS cast provides the oceanographic variables as described below.

- Sample depth is given in meters at 5 m, 10-m intervals from 10 to 160 m and 20-m intervals from 160 to 500 m.
- *In situ* temperature is given in degrees Celsius.
- Potential temperature is given in degrees Celsius.
- Salinity is based on the practical salinity scale.
- Density is given as σ_0 and is reported as kg m^{-3} .

- Dynamic height is given in dynamic meters.
- Brunt Väisälä frequency is given in $\text{rad}^2 \text{sec}^{-2}$.

The graphical presentation consists of vertical profiles of temperature (solid line) and salinity (dotted line) for each station to 500 meters. Also shown are potential temperature-salinity diagrams for each station. The symbols on the potential temperature-salinity curves are provided as reference points and correspond to depths of 50 m, 100 m, and 200 m.

XBT Data

For each XBT cast, a table of station information is provided as described below.

- Station and event numbers (in parenthesis to the right of the station number) are given for each station.
- Latitude and longitude locations correspond to the navigational fix, from the FURNO GPS receiver system, at probe launch time.
- Bottom depths in meters were determined acoustically with the 50kHz Digitrak system available on the ship. A value of -999 is reported when depth information was missing.
- The day the station was occupied is reported in Julian Days.
- Time is given in Greenwich Mean Time and corresponds to probe launch time.

The second table for each station provides the temperature, given in degrees Celsius at:

- 10-m intervals from 5 to 160 m,
- 20-m intervals from 160 to 500 m,
- 50-m intervals deeper than 500 m, and
- the last depth sampled.

For each station, a vertical profile of temperature is given to 1000 meters. At stations where the XBT data extended below 1000 meters, the temperature values are given in the corresponding table.

ACKNOWLEDGMENTS

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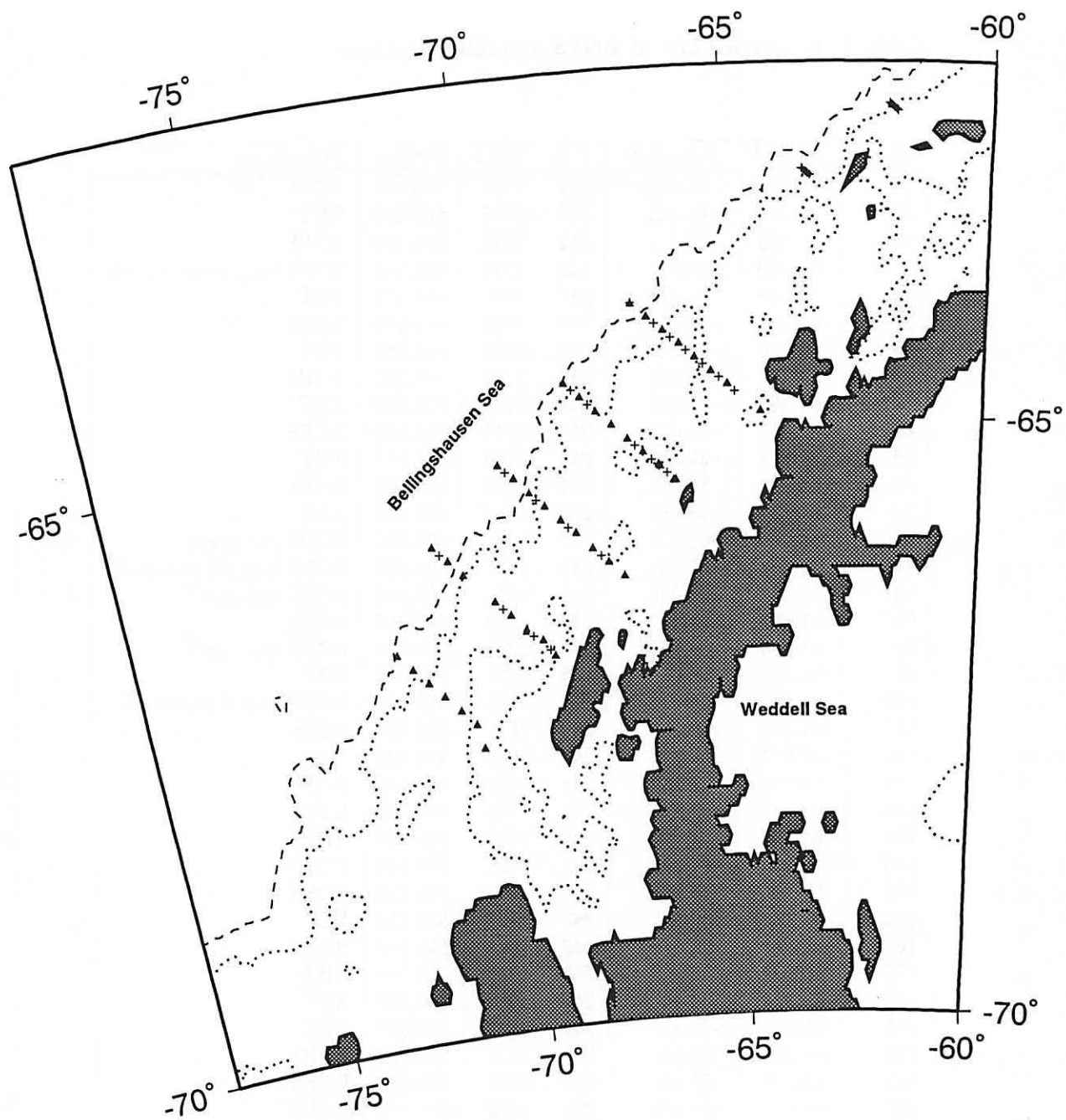


Figure 1. Distribution of BOPS (triangles) and XBT (Xs) stations occupied during the August - September 1993 LTER cruise. The 500 and 2000 meter isobaths are indicated by the dotted and dashed lines, respectively.

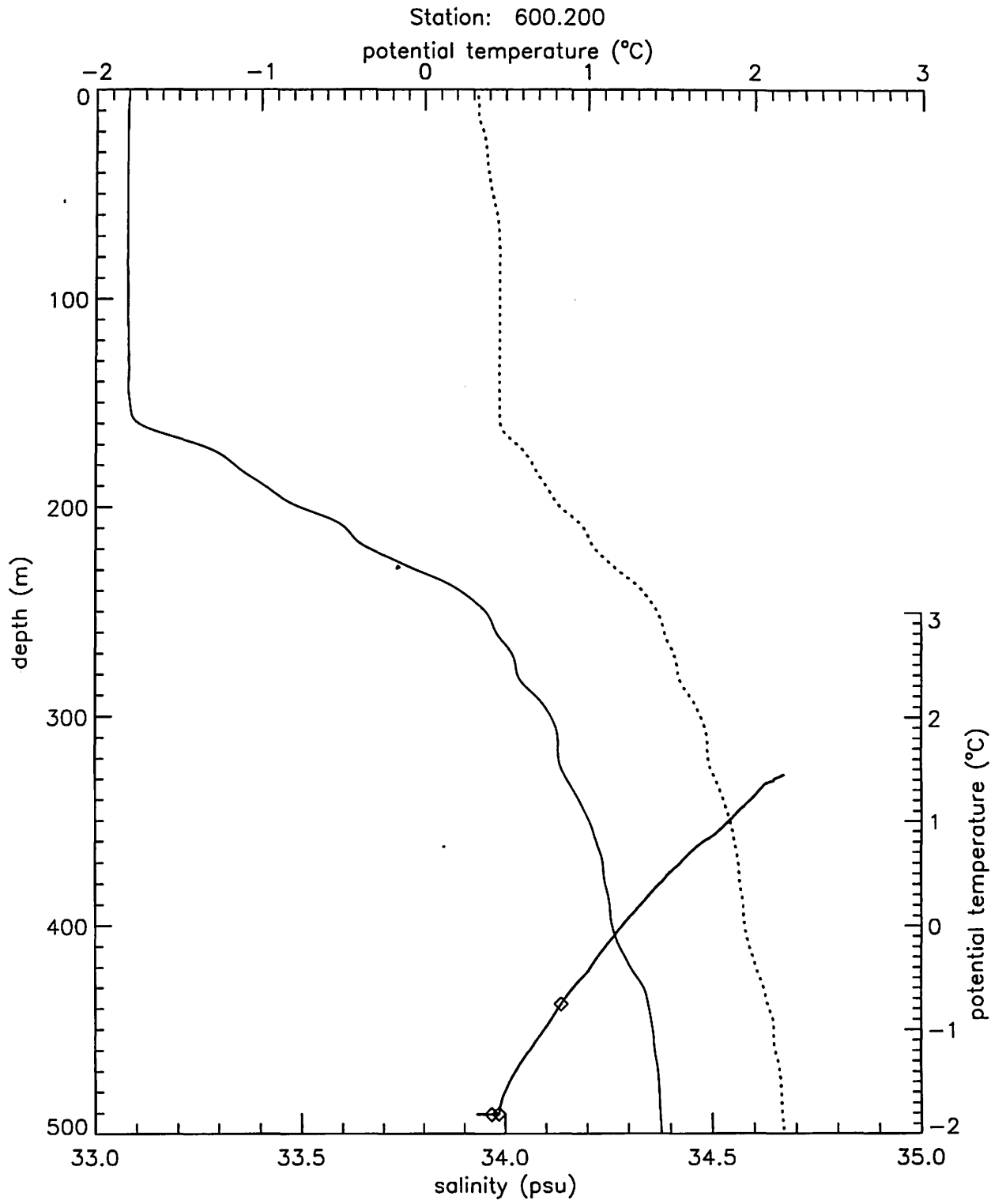
Table 1. Reference List of BOPS and XBT Stations.

Event	Latitude	Longitude	Day	GMT	Station	Data Type
14	-63.967	-66.856	242	1702	600.200	BOPS
16	-63.961	-66.842	242	1816	600.200	XBT
23	-64.089	-66.552	242	2232	600.180	BOPS
29	-64.090	-66.564	243	1240	600.180	BOPS (top 20 m edited)
35	-64.149	-66.408	243	1557	600.170	XBT
37	-64.212	-66.256	243	1718	600.160	BOPS
45	-64.276	-66.107	243	2052	600.150	XBT
48	-64.330	-65.953	243	2140	600.140	BOPS
54	-64.391	-65.810	244	0116	600.130	XBT
62	-64.454	-65.656	244	1344	600.120	BOPS
66	-64.518	-65.487	244	1605	600.110	XBT
68	-64.579	-65.349	244	1743	600.100	BOPS
76	-64.633	-65.183	245	0211	600.090	XBT
81	-64.695	-65.032	245	0949	600.080	BOPS (up cast)
84	-64.693	-65.030	245	1335	600.080	BOPS (top 20 m edited)
88	-64.694	-65.036	245	1610	600.080	BOPS (up cast)
90	-64.693	-65.021	245	1948	600.080	BOPS
94	-64.694	-65.025	245	2303	600.080	BOPS (up cast)
95	-64.755	-64.875	246	0025	600.070	XBT
109	-64.932	-64.393	246	1630	600.040	BOPS (top 5 m edited)
115	-64.609	-68.293	247	1649	500.200	BOPS
126	-64.671	-68.147	247	0056	500.190	XBT
132	-64.736	-67.997	248	1245	500.180	BOPS
135	-64.800	-67.841	248	1515	500.170	XBT
138	-64.864	-67.692	248	1623	500.160	BOPS
148	-64.985	-67.394	248	2025	500.140	BOPS
159	-65.112	-67.086	249	1245	500.120	BOPS
162	-65.172	-66.932	249	1428	500.110	XBT
164	-65.233	-66.778	249	1545	500.100	BOPS
171	-65.297	-66.613	249	1908	500.090	XBT
173	-65.357	-66.457	249	1950	500.080	XBT
175	-65.416	-66.310	249	2032	500.070	XBT
178	-65.479	-66.146	249	2131	500.060	BOPS
183	-65.357	-66.459	250	0956	500.080	BOPS
185	-65.356	-66.453	250	1302	500.080	BOPS
188	-65.343	-66.479	250	1607	500.080	BOPS
189	-65.355	-66.461	250	1830	500.080	BOPS
190	-65.356	-66.464	250	2050	500.080	BOPS (up cast)
199	-65.482	-66.189	251	1326	500.060	BOPS (up cast)
203	-66.256	-67.337	252	1349	400.040	BOPS (up cast)
210	-66.130	-67.654	252	1805	400.060	BOPS (up cast)
216	-66.072	-67.796	253	0213	400.070	XBT
217	-66.005	-67.975	253	0950	400.080	BOPS
221	-66.006	-67.970	253	1612	400.080	BOPS

Event	Latitude	Longitude	Day	GMT	Station	Data Type
224	-66.006	-67.970	253	1909	400.080	BOPS (top 30 m edited)
225	-66.005	-67.975	253	2129	400.080	BOPS
235	-65.867	-68.290	254	1428	400.100	BOPS
240	-65.817	-68.438	254	1653	400.110	XBT
242	-65.751	-68.589	254	1745	400.120	BOPS
265	-65.623	-68.898	255	1258	400.140	BOPS
268	-65.560	-69.055	255	1620	400.150	XBT
271	-65.496	-69.204	255	1725	400.160	BOPS
293	-65.365	-69.500	256	1618	400.180	BOPS
298	-65.299	-69.658	256	1934	400.190	XBT
300	-65.241	-69.807	256	2027	400.200	BOPS
315	-65.847	-71.375	256	1456	300.200	BOPS (up cast)
319	-65.917	-71.228	256	1652	300.190	XBT
321	-65.981	-71.081	256	1750	300.180	BOPS (up cast)
342	-66.114	-70.793	257	1613	300.160	BOPS
356	-66.378	-70.177	259	1432	300.120	BOPS
359	-66.441	-70.018	259	1713	300.110	XBT
363	-66.505	-69.870	259	1856	300.100	BOPS (up cast)
369	-66.636	-69.557	260	1020	300.080	BOPS (top 25 m edited)
373	-66.636	-69.557	260	1613	300.080	BOPS (top 30 m edited)
376	-66.658	-69.583	260	1904	300.080	BOPS (up cast)
380	-66.699	-69.400	260	0114	300.070	XBT
384	-66.744	-69.217	261	1400	300.060	BOPS
389	-66.828	-69.065	261	1720	300.050	XBT
392	-66.882	-68.976	261	1830	300.040	BOPS
398	-67.586	-70.787	263	1312	190.040	BOPS
404	-67.379	-70.907	264	1351	200.060	BOPS
414	-67.248	-71.210	264	1905	200.080	BOPS
419	-67.114	-71.530	265	0022	200.100	BOPS (up cast)
424	-66.985	-71.837	265	1119	200.120	BOPS (top 50 m edited)
429	-66.850	-72.140	265	1435	200.140	BOPS
437	-66.715	-72.438	265	1903	200.160	BOPS
500	-62.958	-63.358	269	0318	800.145	XBT
501	-62.944	-63.396	269	0333	800.147	XBT
502	-62.934	-63.422	269	0342	800.149	XBT
503	-62.924	-63.445	269	0353	800.150	XBT
504	-62.906	-63.492	269	0410	800.153	XBT
505	-62.901	-63.506	269	0414	800.154	XBT
506	-62.413	-61.738	269	0901	900.120	XBT
507	-62.400	-61.764	269	0911	900.122	XBT
508	-62.386	-61.802	269	0923	900.124	XBT
509	-62.375	-61.833	269	0935	900.126	XBT
510	-62.366	-61.854	269	0944	900.128	XBT
511	-62.354	-61.884	269	0955	900.130	XBT

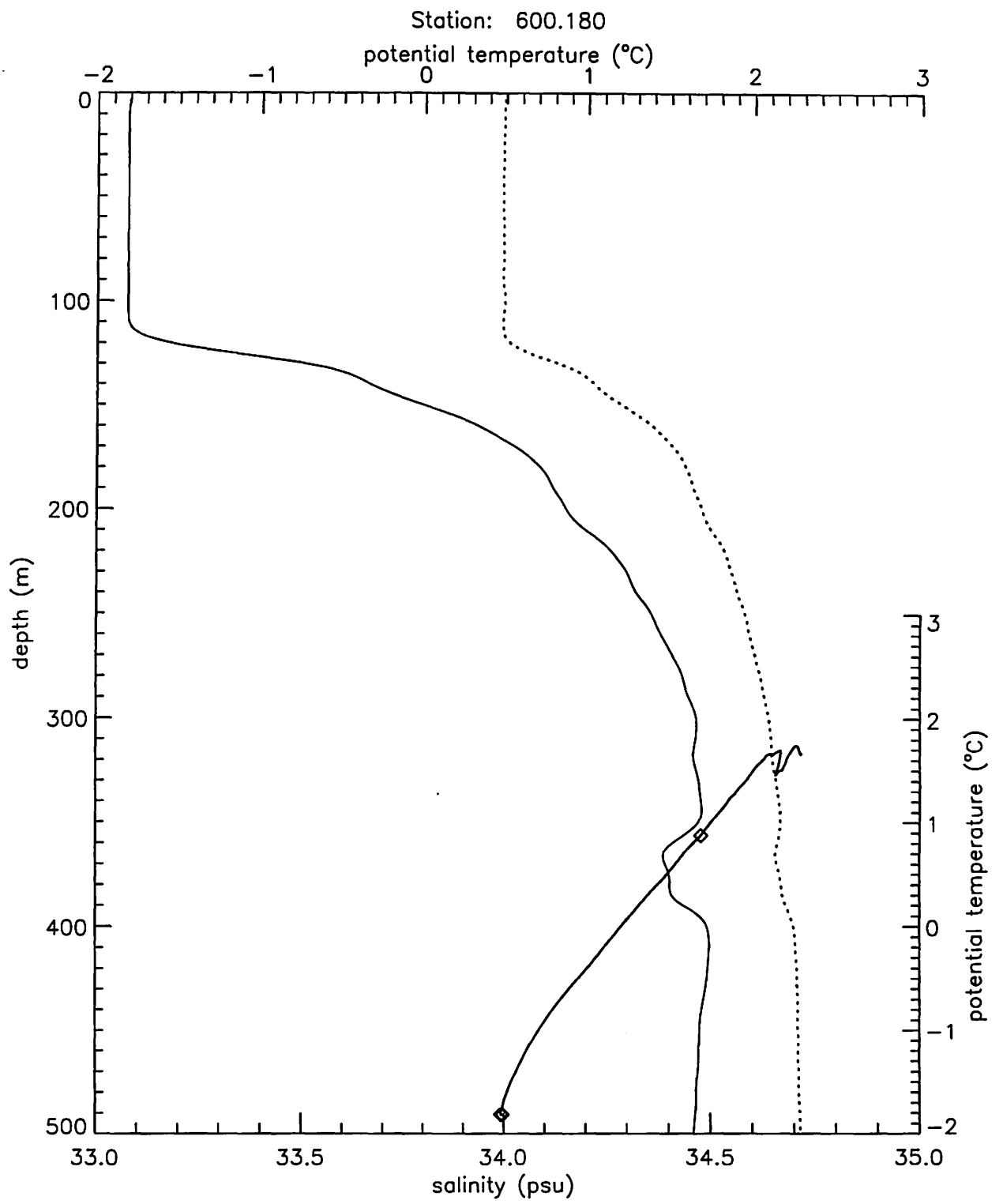
LTER 93c Station: 600.200 (14) JulianDay: 242 GMT: 1702
 Latitude: 63° 58.03' S Longitude: 66° 51.33' W Depth: 2930 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.805	-1.805	33.931	27.312	0.0015	2.83e-06
10	-1.808	-1.808	33.932	27.312	0.0053	3.33e-06
20	-1.809	-1.809	33.944	27.323	0.0127	1.19e-05
30	-1.810	-1.810	33.953	27.330	0.0201	4.66e-06
40	-1.809	-1.810	33.959	27.335	0.0274	4.72e-06
50	-1.810	-1.811	33.967	27.342	0.0346	8.60e-06
60	-1.809	-1.810	33.979	27.351	0.0418	7.03e-06
70	-1.809	-1.811	33.984	27.355	0.0489	1.51e-06
80	-1.808	-1.809	33.985	27.356	0.0559	7.27e-07
90	-1.807	-1.808	33.985	27.356	0.0630	0.00e+00
100	-1.805	-1.807	33.985	27.356	0.0700	0.00e+00
110	-1.804	-1.806	33.985	27.356	0.0771	-1.21e-07
120	-1.801	-1.804	33.985	27.356	0.0841	-1.21e-07
130	-1.797	-1.800	33.985	27.356	0.0911	0.00e+00
140	-1.800	-1.803	33.985	27.356	0.0981	1.21e-07
150	-1.791	-1.794	33.986	27.356	0.1051	3.64e-07
160	-1.737	-1.740	33.987	27.356	0.1121	6.18e-06
180	-1.148	-1.153	34.070	27.405	0.1257	1.69e-05
200	-0.750	-0.756	34.137	27.444	0.1385	2.64e-05
220	-0.320	-0.328	34.221	27.494	0.1504	2.08e-05
240	0.240	0.231	34.335	27.557	0.1613	2.20e-05
260	0.458	0.447	34.386	27.586	0.1714	8.20e-06
280	0.589	0.577	34.418	27.604	0.1811	6.44e-06
300	0.794	0.780	34.472	27.635	0.1904	1.18e-05
320	0.841	0.827	34.490	27.646	0.1993	4.86e-06
340	0.963	0.948	34.526	27.668	0.2079	8.26e-06
360	1.070	1.053	34.552	27.682	0.2162	4.50e-06
380	1.128	1.110	34.566	27.689	0.2244	2.61e-06
400	1.171	1.152	34.577	27.695	0.2324	3.34e-06
420	1.283	1.262	34.605	27.710	0.2403	6.63e-06
440	1.396	1.374	34.636	27.727	0.2479	1.03e-05
460	1.434	1.410	34.652	27.737	0.2553	6.45e-06
480	1.460	1.435	34.665	27.746	0.2625	1.16e-06
500	1.471	1.445	34.670	27.750	0.2696	3.65e-06



LTER 93c	Station: 600.180 (23)	JulianDay: 242	GMT: 2232
	Latitude: 64° 5.36' S	Longitude: 66° 33.12' W	Depth: 1700 m

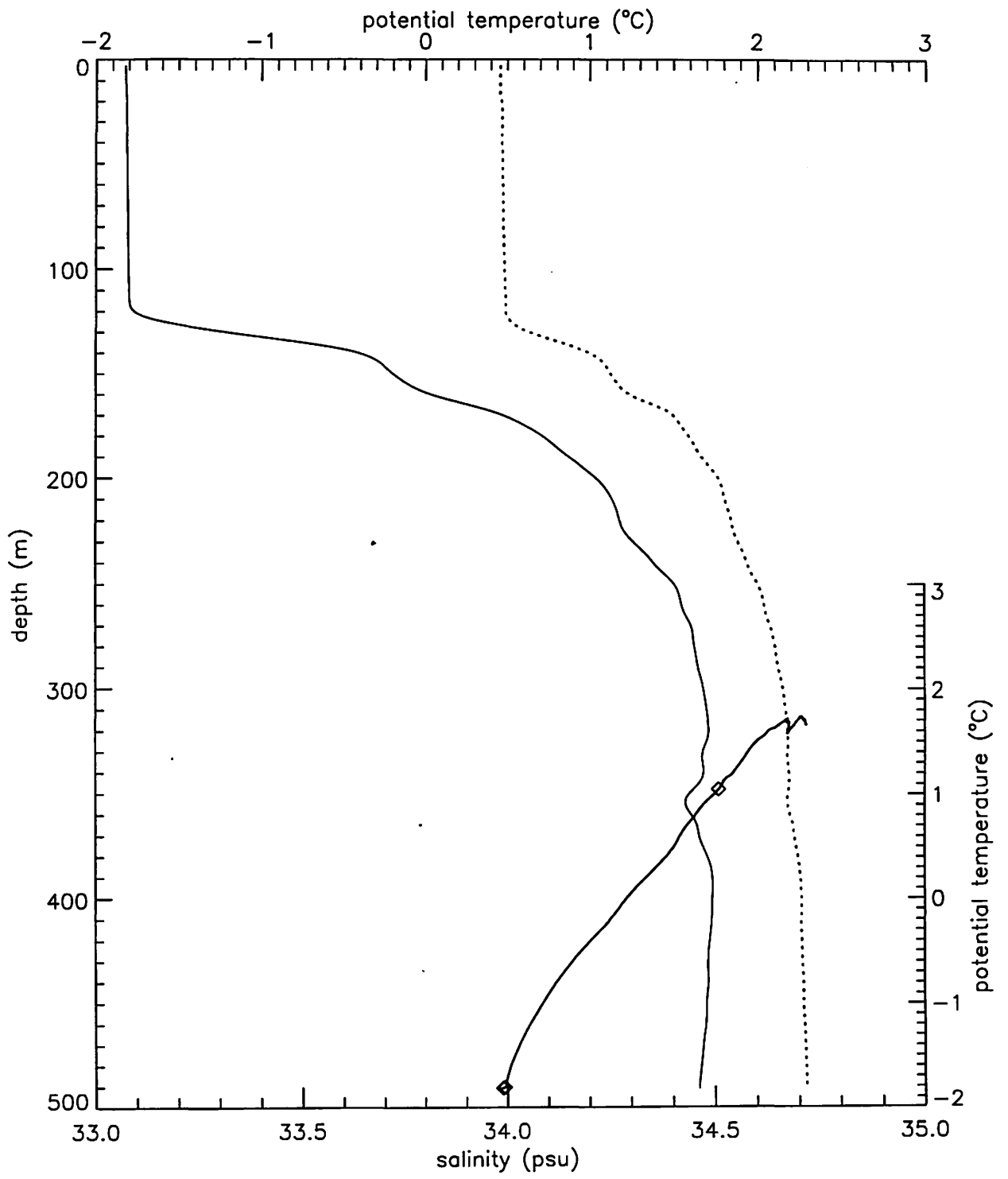
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.807	-1.807	33.995	27.364	0.0014	0.00e+00
10	-1.812	-1.812	33.995	27.364	0.0049	1.21e-07
20	-1.813	-1.814	33.994	27.363	0.0119	-9.69e-07
30	-1.813	-1.813	33.994	27.363	0.0190	0.00e+00
40	-1.812	-1.813	33.993	27.363	0.0260	-6.66e-07
50	-1.812	-1.813	33.993	27.363	0.0330	0.00e+00
60	-1.812	-1.813	33.994	27.363	0.0400	7.88e-07
70	-1.813	-1.814	33.994	27.363	0.0470	0.00e+00
80	-1.813	-1.814	33.994	27.363	0.0540	-7.88e-07
90	-1.813	-1.814	33.993	27.363	0.0609	1.64e-06
100	-1.813	-1.815	33.998	27.367	0.0679	0.00e+00
110	-1.806	-1.809	33.993	27.363	0.0749	-1.70e-06
120	-1.555	-1.558	34.012	27.371	0.0818	3.23e-05
130	-0.715	-0.719	34.135	27.441	0.0884	6.91e-05
140	-0.329	-0.333	34.218	27.491	0.0944	3.19e-05
150	0.005	-0.001	34.285	27.529	0.1000	3.97e-05
160	0.342	0.336	34.357	27.569	0.1053	3.09e-05
180	0.728	0.720	34.439	27.612	0.1150	1.04e-05
200	0.885	0.876	34.476	27.632	0.1243	8.19e-06
220	1.160	1.150	34.530	27.658	0.1331	8.92e-06
240	1.315	1.303	34.561	27.672	0.1416	6.44e-06
260	1.464	1.451	34.591	27.686	0.1498	3.52e-06
280	1.591	1.577	34.617	27.697	0.1579	4.62e-06
300	1.675	1.659	34.637	27.707	0.1658	5.47e-06
320	1.662	1.645	34.646	27.716	0.1735	3.40e-06
340	1.708	1.690	34.662	27.725	0.1811	3.77e-06
360	1.536	1.517	34.658	27.735	0.1885	3.77e-06
380	1.524	1.505	34.668	27.743	0.1958	4.74e-06
400	1.750	1.728	34.698	27.751	0.2029	3.83e-06
420	1.756	1.733	34.706	27.757	0.2099	2.62e-06
440	1.720	1.696	34.709	27.762	0.2169	1.70e-06
460	1.706	1.681	34.710	27.764	0.2238	5.48e-07
480	1.692	1.666	34.711	27.766	0.2306	1.16e-06
500	1.677	1.650	34.714	27.770	0.2374	1.22e-06



LTER 93c	Station: 600.180 (29)	JulianDay: 243	GMT: 1240
	Latitude: 64° 5.38' S	Longitude: 66° 33.81' W	Depth: 1700 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.824	-1.824	33.982	27.354	0.0014	0.00e+00
10	-1.821	-1.821	33.982	27.354	0.0050	-1.21e-07
20	-1.816	-1.817	33.986	27.357	0.0121	3.88e-06
30	-1.815	-1.815	33.987	27.358	0.0192	7.27e-07
40	-1.812	-1.813	33.988	27.358	0.0262	6.66e-07
50	-1.810	-1.811	33.989	27.359	0.0333	0.00e+00
60	-1.808	-1.809	33.990	27.360	0.0403	7.27e-07
70	-1.807	-1.808	33.990	27.360	0.0473	0.00e+00
80	-1.806	-1.807	33.991	27.361	0.0543	1.45e-06
90	-1.804	-1.805	33.993	27.362	0.0613	7.27e-07
100	-1.802	-1.804	33.994	27.363	0.0683	1.52e-06
110	-1.799	-1.801	33.995	27.364	0.0753	7.27e-07
120	-1.768	-1.770	33.996	27.364	0.0822	4.00e-06
130	-1.190	-1.193	34.057	27.396	0.0891	6.64e-05
140	-0.394	-0.398	34.204	27.483	0.0953	5.73e-05
150	-0.189	-0.194	34.252	27.512	0.1010	1.70e-05
160	0.046	0.040	34.298	27.537	0.1066	4.43e-05
180	0.734	0.727	34.439	27.612	0.1164	1.44e-05
200	1.053	1.044	34.509	27.648	0.1255	1.18e-05
220	1.191	1.181	34.539	27.663	0.1342	7.34e-06
240	1.401	1.389	34.577	27.679	0.1426	6.74e-06
260	1.566	1.553	34.618	27.700	0.1506	5.47e-06
280	1.642	1.628	34.644	27.715	0.1584	4.68e-06
300	1.697	1.681	34.662	27.725	0.1660	4.07e-06
320	1.730	1.714	34.673	27.732	0.1734	2.98e-06
340	1.701	1.683	34.677	27.737	0.1807	4.19e-06
360	1.628	1.609	34.679	27.745	0.1879	3.77e-06
380	1.725	1.705	34.698	27.753	0.1950	2.07e-06
400	1.756	1.735	34.706	27.757	0.2020	1.03e-06
420	1.743	1.720	34.708	27.759	0.2090	2.74e-06
440	1.737	1.713	34.712	27.763	0.2159	1.83e-06
460	1.722	1.698	34.714	27.766	0.2227	2.56e-06
480	1.695	1.669	34.717	27.770	0.2296	2.07e-06

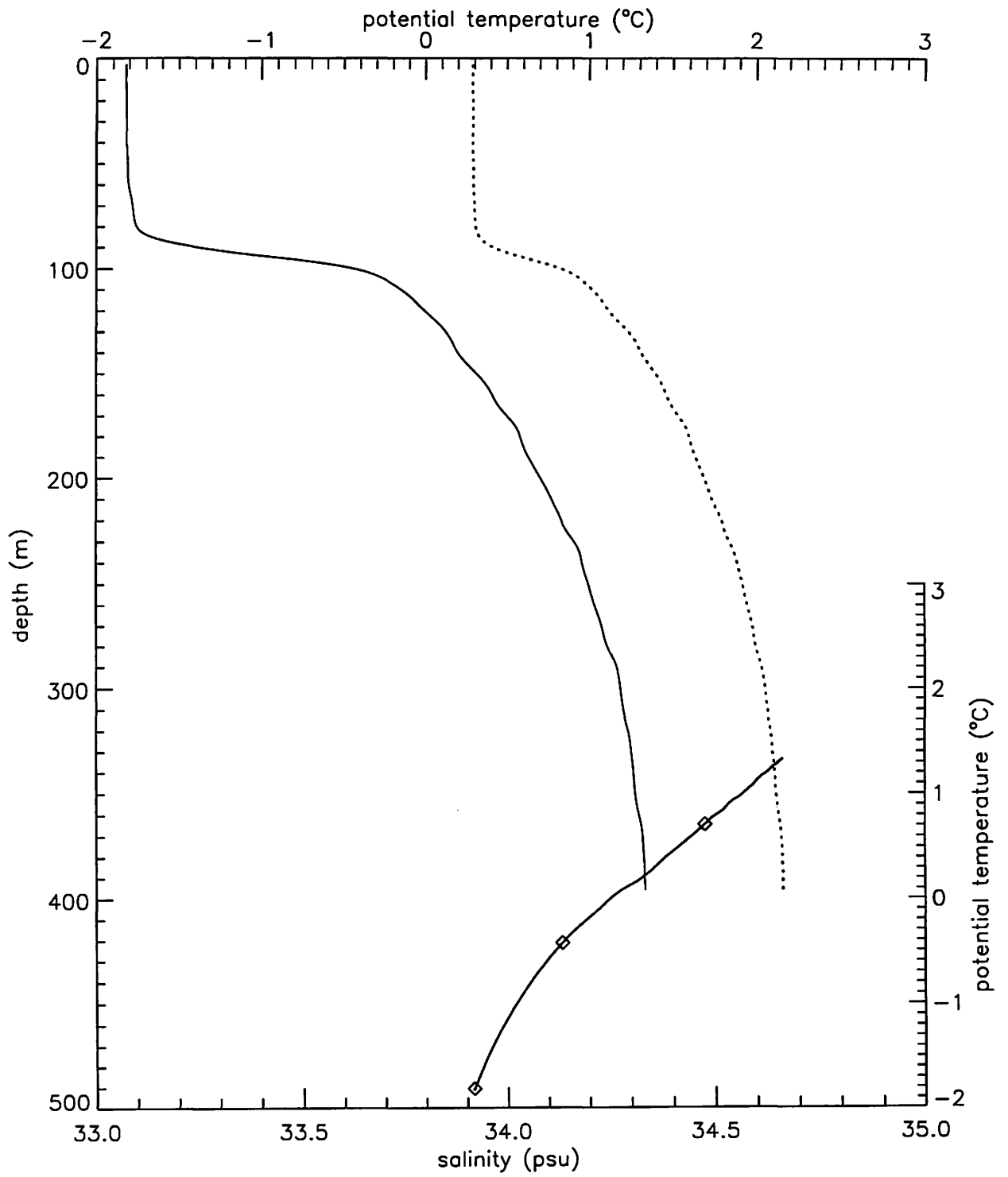
Station: 600.180



LTER 93c Station: 600.160 (37) JulianDay: 243 GMT: 1718
 Latitude: 64° 12.73' S Longitude: 66° 15.35' W Depth: 415 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.821	-1.821	33.915	27.299	0.0015	0.00e+00
10	-1.821	-1.821	33.915	27.299	0.0053	0.00e+00
20	-1.818	-1.819	33.916	27.300	0.0130	6.66e-07
30	-1.817	-1.818	33.916	27.300	0.0206	0.00e+00
40	-1.815	-1.816	33.916	27.300	0.0282	7.27e-07
50	-1.809	-1.810	33.917	27.301	0.0358	-1.21e-07
60	-1.804	-1.805	33.917	27.301	0.0434	1.15e-06
70	-1.780	-1.781	33.920	27.302	0.0510	1.21e-06
80	-1.754	-1.755	33.923	27.304	0.0585	6.30e-06
90	-1.355	-1.357	33.969	27.330	0.0660	6.26e-05
100	-0.424	-0.427	34.135	27.428	0.0728	7.53e-05
110	-0.144	-0.148	34.210	27.476	0.0790	2.99e-05
120	-0.000	-0.004	34.249	27.500	0.0848	2.32e-05
130	0.131	0.126	34.295	27.531	0.0904	2.84e-05
140	0.205	0.200	34.325	27.551	0.0958	1.69e-05
150	0.321	0.315	34.360	27.572	0.1009	1.78e-05
160	0.417	0.410	34.385	27.587	0.1059	1.33e-05
180	0.589	0.581	34.439	27.620	0.1154	9.28e-06
200	0.715	0.706	34.475	27.642	0.1245	1.00e-05
220	0.843	0.833	34.516	27.667	0.1331	1.06e-05
240	0.969	0.958	34.554	27.689	0.1413	8.50e-06
260	1.045	1.033	34.577	27.703	0.1492	6.32e-06
280	1.122	1.109	34.597	27.714	0.1568	4.86e-06
300	1.200	1.186	34.619	27.727	0.1643	3.34e-06
320	1.248	1.233	34.632	27.734	0.1716	3.40e-06
340	1.281	1.265	34.642	27.740	0.1788	2.37e-06
360	1.315	1.297	34.651	27.745	0.1859	3.40e-06
380	1.345	1.326	34.660	27.750	0.1929	2.43e-07

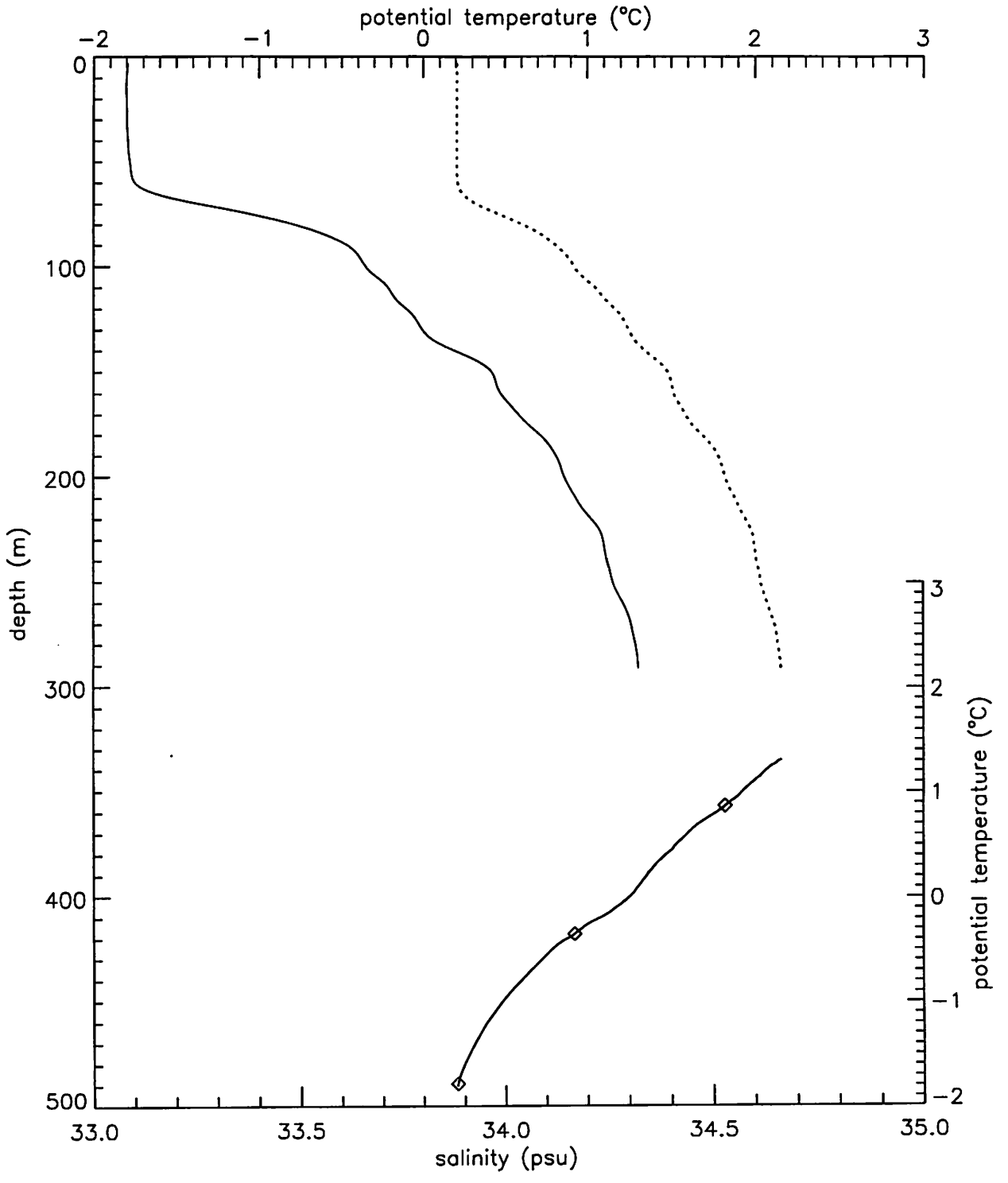
Station: 600.160



LTER 93c **Station:** 600.140 (48) **JulianDay:** 243 **GMT:** 2140
Latitude: 64° 19.83' S **Longitude:** 65° 57.17' W **Depth:** 320 m

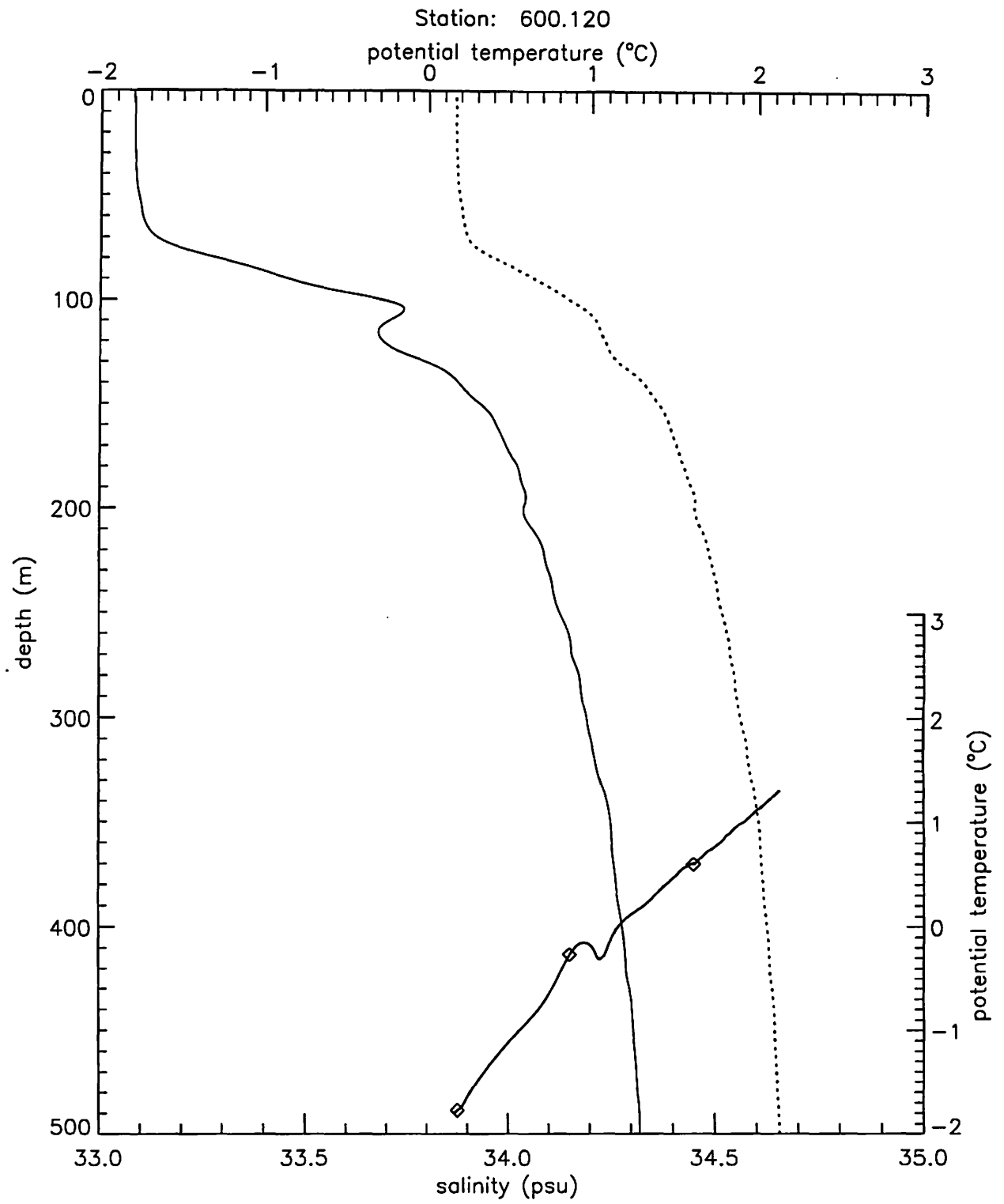
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.796	-1.796	33.882	27.272	0.0016	3.03e-06
10	-1.801	-1.802	33.883	27.273	0.0055	9.08e-07
20	-1.801	-1.801	33.883	27.273	0.0134	-1.82e-07
30	-1.797	-1.797	33.883	27.273	0.0213	0.00e+00
40	-1.792	-1.793	33.883	27.273	0.0292	-1.82e-07
50	-1.779	-1.780	33.883	27.272	0.0370	-3.63e-07
60	-1.748	-1.749	33.885	27.273	0.0449	6.12e-06
70	-1.355	-1.357	33.931	27.299	0.0526	5.12e-05
80	-0.770	-0.772	34.046	27.371	0.0599	6.37e-05
90	-0.458	-0.461	34.126	27.423	0.0666	3.79e-05
100	-0.350	-0.353	34.169	27.453	0.0729	2.50e-05
110	-0.212	-0.216	34.221	27.488	0.0789	3.42e-05
120	-0.098	-0.102	34.267	27.520	0.0846	2.83e-05
130	0.001	-0.004	34.300	27.541	0.0900	1.59e-05
140	0.202	0.197	34.340	27.563	0.0953	2.72e-05
150	0.427	0.422	34.393	27.593	0.1003	1.75e-05
160	0.482	0.475	34.407	27.601	0.1051	8.98e-06
180	0.727	0.719	34.474	27.641	0.1144	2.75e-05
200	0.873	0.864	34.528	27.675	0.1228	9.35e-06
220	1.038	1.028	34.577	27.704	0.1308	1.31e-05
240	1.131	1.120	34.603	27.718	0.1384	4.92e-06
260	1.225	1.213	34.629	27.733	0.1457	9.23e-06
280	1.302	1.288	34.654	27.748	0.1528	3.71e-06

Station: 600.140



LTER 93c **Station:** 600.120 (62) **JulianDay:** 244 **GMT:** 1344
Latitude: 64° 27.26' S **Longitude:** 65° 39.33' W **Depth:** 530 m

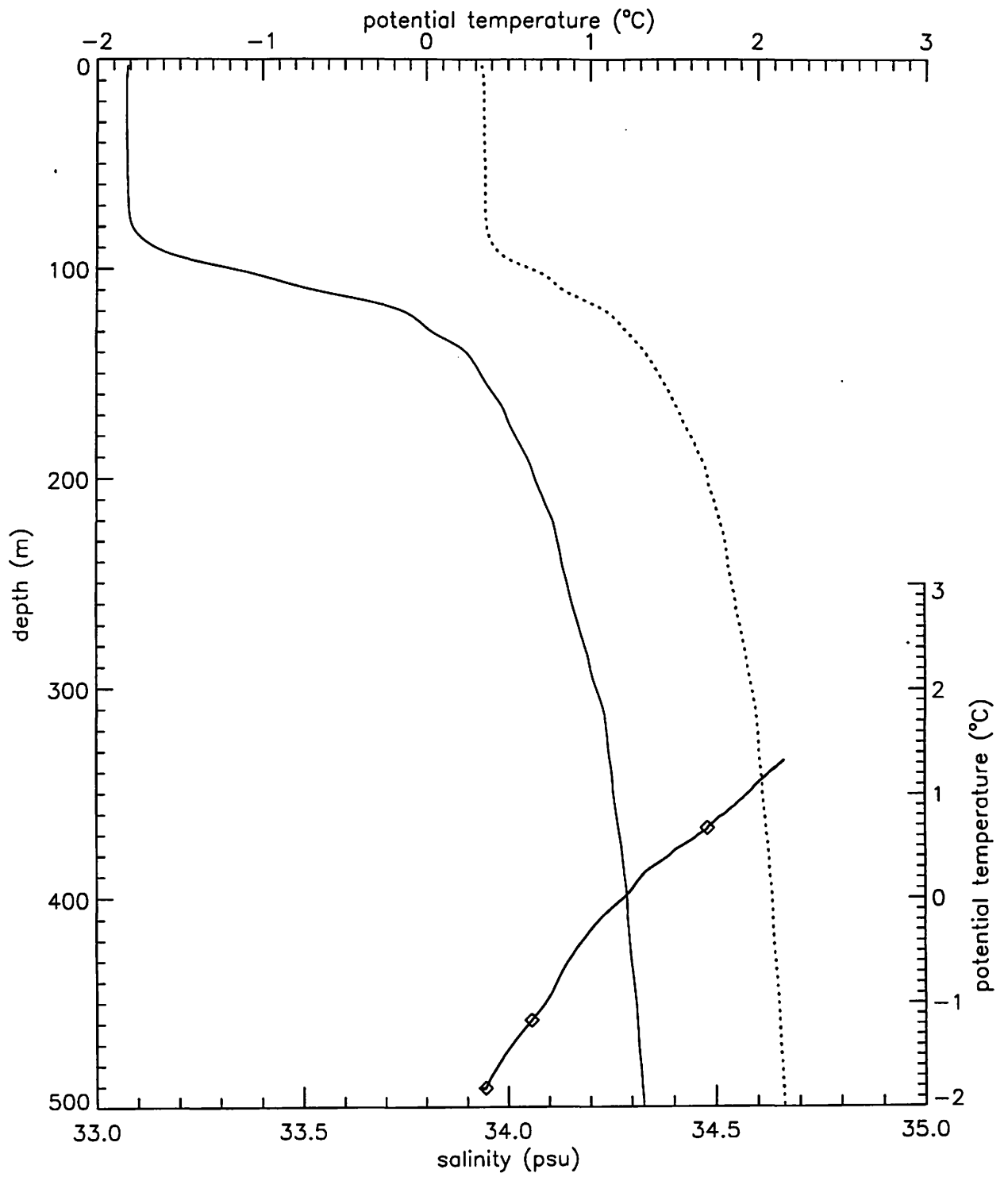
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.796	-1.796	33.866	27.259	0.0016	0.00e+00
10	-1.795	-1.795	33.867	27.260	0.0056	7.26e-07
20	-1.794	-1.794	33.868	27.260	0.0136	6.05e-07
30	-1.792	-1.792	33.868	27.261	0.0216	1.45e-06
40	-1.785	-1.786	33.872	27.263	0.0296	2.12e-06
50	-1.769	-1.770	33.876	27.267	0.0375	5.57e-06
60	-1.745	-1.746	33.885	27.273	0.0454	6.06e-06
70	-1.661	-1.662	33.898	27.281	0.0532	1.85e-05
80	-1.283	-1.285	33.966	27.325	0.0608	5.98e-05
90	-0.843	-0.845	34.066	27.390	0.0679	5.28e-05
100	-0.261	-0.264	34.152	27.435	0.0744	4.23e-05
110	-0.241	-0.245	34.214	27.484	0.0805	3.27e-05
120	-0.271	-0.275	34.235	27.502	0.0863	1.09e-05
130	0.005	0.000	34.268	27.516	0.0919	2.79e-05
140	0.199	0.194	34.328	27.553	0.0973	2.70e-05
150	0.335	0.329	34.365	27.575	0.1024	1.82e-05
160	0.432	0.425	34.390	27.590	0.1074	1.09e-05
180	0.566	0.559	34.426	27.611	0.1170	1.08e-05
200	0.603	0.595	34.450	27.629	0.1262	3.82e-06
220	0.725	0.715	34.483	27.648	0.1351	6.80e-06
240	0.785	0.775	34.505	27.662	0.1437	3.70e-06
260	0.884	0.872	34.529	27.675	0.1521	5.10e-06
280	0.949	0.937	34.547	27.685	0.1602	3.52e-06
300	0.997	0.983	34.562	27.694	0.1682	6.20e-06
320	1.047	1.033	34.579	27.705	0.1761	2.92e-06
340	1.121	1.105	34.599	27.716	0.1837	3.83e-06
360	1.151	1.133	34.609	27.722	0.1912	1.82e-06
380	1.177	1.159	34.616	27.726	0.1987	2.19e-06
400	1.215	1.195	34.625	27.731	0.2061	2.49e-06
420	1.239	1.219	34.632	27.735	0.2134	1.64e-06
440	1.278	1.256	34.642	27.740	0.2206	1.03e-06
460	1.296	1.273	34.646	27.743	0.2278	1.52e-06
480	1.314	1.290	34.651	27.745	0.2350	1.52e-06
500	1.327	1.302	34.655	27.747	0.2421	0.00e+00



LTER 93c Station: 600.100 (68) JulianDay: 244 GMT: 1743
 Latitude: 64° 34.71' S Longitude: 65° 20.96' W Depth: 610 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.816	-1.816	33.936	27.316	0.0015	5.45e-06
10	-1.822	-1.822	33.940	27.319	0.0052	4.12e-06
20	-1.823	-1.823	33.941	27.321	0.0127	0.00e+00
30	-1.822	-1.822	33.942	27.321	0.0201	8.48e-07
40	-1.818	-1.819	33.943	27.322	0.0275	1.51e-06
50	-1.815	-1.816	33.945	27.323	0.0349	8.48e-07
60	-1.812	-1.813	33.945	27.323	0.0423	-1.21e-07
70	-1.808	-1.810	33.945	27.323	0.0496	5.45e-07
80	-1.783	-1.785	33.948	27.326	0.0570	5.33e-06
90	-1.641	-1.643	33.969	27.338	0.0643	2.61e-05
100	-1.164	-1.167	34.058	27.396	0.0713	6.38e-05
110	-0.672	-0.675	34.136	27.441	0.0777	4.16e-05
120	-0.135	-0.139	34.240	27.500	0.0837	4.37e-05
130	0.046	0.041	34.291	27.532	0.0893	2.48e-05
140	0.256	0.251	34.334	27.555	0.0946	2.09e-05
150	0.341	0.336	34.366	27.576	0.0997	1.81e-05
160	0.424	0.418	34.394	27.594	0.1046	1.41e-05
180	0.557	0.550	34.442	27.625	0.1141	1.58e-05
200	0.676	0.668	34.481	27.650	0.1230	5.46e-06
220	0.785	0.775	34.510	27.666	0.1315	8.50e-06
240	0.841	0.831	34.530	27.679	0.1398	3.70e-06
260	0.906	0.895	34.549	27.690	0.1479	3.77e-06
280	0.984	0.971	34.569	27.701	0.1558	4.92e-06
300	1.054	1.040	34.587	27.711	0.1635	3.89e-06
320	1.117	1.102	34.601	27.718	0.1711	2.92e-06
340	1.148	1.131	34.609	27.722	0.1786	2.92e-06
360	1.176	1.159	34.617	27.727	0.1860	2.55e-06
380	1.213	1.194	34.626	27.732	0.1933	1.28e-06
400	1.242	1.222	34.634	27.736	0.2006	2.31e-06
420	1.260	1.239	34.640	27.740	0.2078	2.37e-06
440	1.287	1.265	34.647	27.744	0.2150	1.28e-06
460	1.309	1.286	34.653	27.747	0.2221	9.13e-07
480	1.327	1.303	34.658	27.750	0.2292	1.58e-06
500	1.345	1.320	34.664	27.753	0.2362	3.04e-06

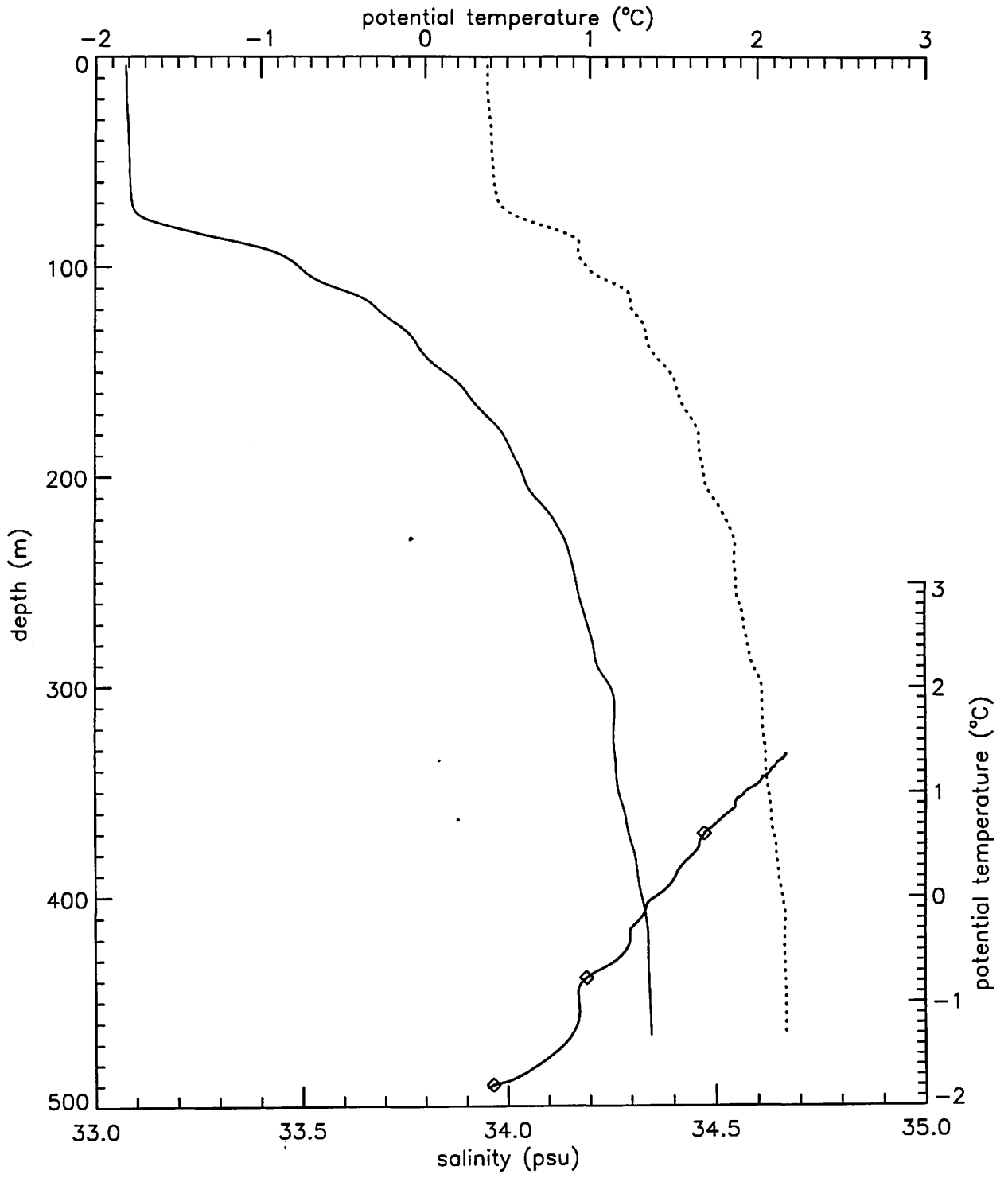
Station: 600.100



LTER 93c	Station: 600.080 (81)	JulianDay: 245	GMT: 0949
	Latitude: 64° 41.68' S	Longitude: 65° 1.95' W	Depth: 520 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.819	-1.819	33.952	27.329	0.0007	0.00e+00
10	-1.816	-1.817	33.952	27.329	0.0044	-1.21e-07
20	-1.813	-1.813	33.953	27.330	0.0118	3.03e-06
30	-1.805	-1.806	33.958	27.334	0.0191	3.82e-06
40	-1.797	-1.798	33.962	27.337	0.0263	1.39e-06
50	-1.792	-1.793	33.965	27.339	0.0336	2.36e-06
60	-1.787	-1.788	33.969	27.342	0.0408	5.39e-06
70	-1.775	-1.776	33.982	27.352	0.0480	2.79e-05
80	-1.597	-1.599	34.077	27.425	0.0548	9.91e-05
90	-1.038	-1.041	34.175	27.487	0.0608	-9.09e-07
100	-0.764	-0.767	34.193	27.490	0.0666	3.41e-05
110	-0.534	-0.538	34.282	27.553	0.0722	4.01e-05
120	-0.285	-0.289	34.303	27.558	0.0774	1.13e-05
130	-0.112	-0.117	34.335	27.575	0.0824	4.67e-06
140	-0.013	-0.018	34.351	27.583	0.0874	2.02e-05
150	0.128	0.123	34.394	27.610	0.0922	1.72e-05
160	0.264	0.258	34.413	27.619	0.0969	6.61e-06
180	0.488	0.481	34.461	27.645	0.1059	1.88e-06
200	0.613	0.604	34.474	27.648	0.1146	4.37e-06
220	0.796	0.786	34.526	27.678	0.1231	1.43e-05
240	0.907	0.896	34.546	27.688	0.1311	-1.46e-06
260	0.963	0.951	34.558	27.693	0.1391	8.50e-06
280	1.036	1.023	34.578	27.705	0.1470	5.16e-06
300	1.141	1.127	34.611	27.724	0.1545	1.15e-06
320	1.163	1.148	34.613	27.725	0.1619	4.01e-06
340	1.177	1.160	34.621	27.730	0.1693	1.82e-06
360	1.230	1.213	34.633	27.736	0.1765	7.90e-07
380	1.292	1.273	34.646	27.742	0.1837	9.12e-07
400	1.335	1.315	34.661	27.751	0.1908	4.56e-06
420	1.375	1.354	34.667	27.753	0.1977	-1.82e-07
440	1.382	1.359	34.669	27.755	0.2047	4.26e-07
460	1.391	1.367	34.670	27.755	0.2116	-1.22e-07

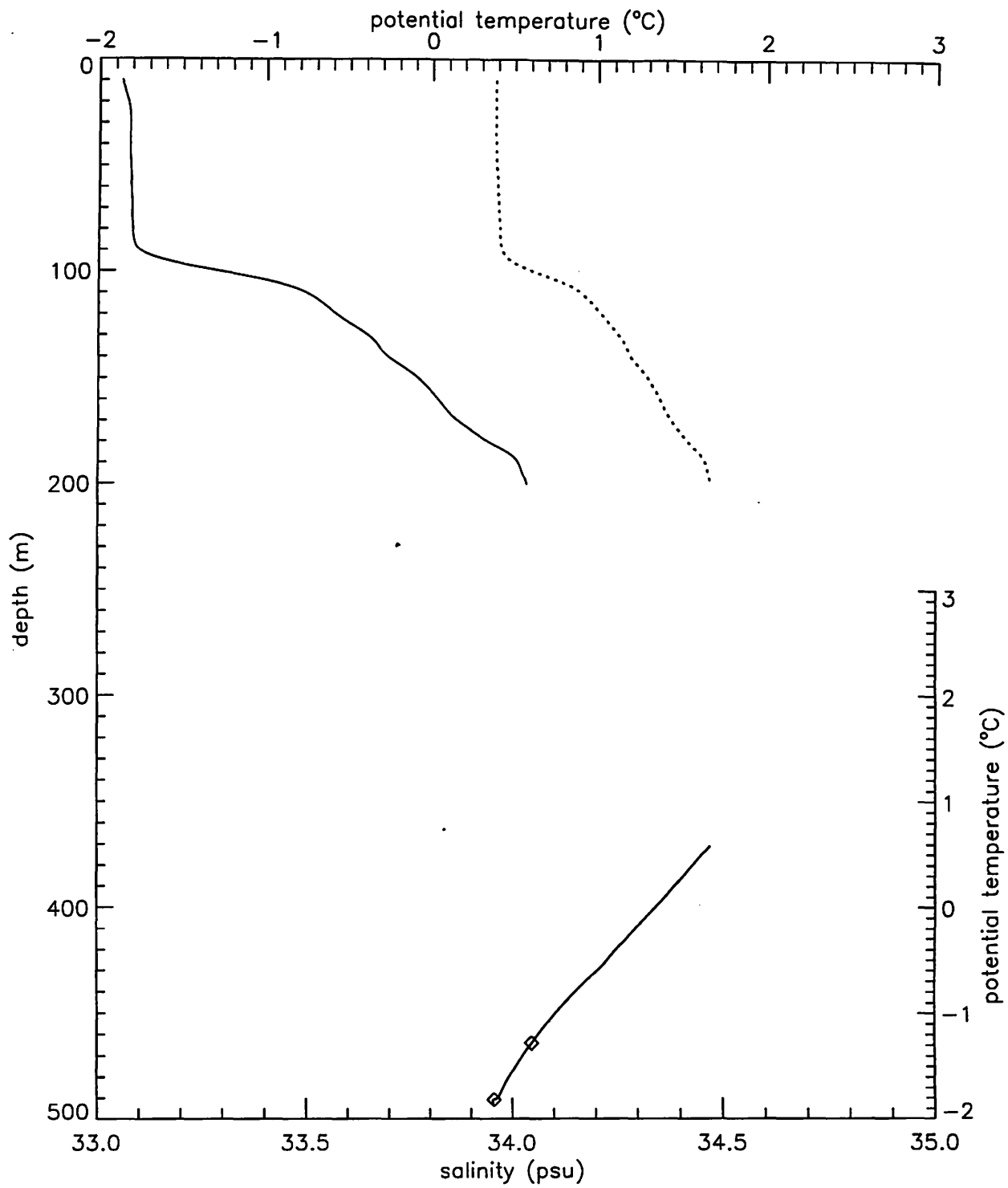
Station: 600.080



LTER 93c Station: 600.080 (84) JulianDay: 245 GMT: 1335
Latitude: 64° 41.56' S Longitude: 65° 1.77' W Depth: 520 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
10	-1.864	-1.864	33.953	27.331	-0.0000	-4.04e-07
20	-1.829	-1.830	33.953	27.330	0.0073	-7.87e-07
30	-1.816	-1.817	33.953	27.330	0.0147	-6.06e-08
40	-1.816	-1.817	33.954	27.331	0.0220	7.87e-07
50	-1.812	-1.813	33.956	27.332	0.0293	3.09e-06
60	-1.807	-1.808	33.959	27.335	0.0366	1.51e-06
70	-1.803	-1.804	33.962	27.337	0.0438	2.24e-06
80	-1.797	-1.799	33.964	27.339	0.0510	2.06e-06
90	-1.755	-1.757	33.971	27.343	0.0582	1.48e-05
100	-1.277	-1.279	34.047	27.390	0.0653	7.31e-05
110	-0.754	-0.757	34.162	27.464	0.0716	4.46e-05
120	-0.571	-0.574	34.210	27.496	0.0775	2.55e-05
130	-0.377	-0.381	34.253	27.522	0.0831	2.18e-05
140	-0.254	-0.259	34.281	27.539	0.0885	1.84e-05
150	-0.072	-0.077	34.322	27.563	0.0938	1.91e-05
160	0.049	0.043	34.351	27.580	0.0988	1.36e-05
180	0.358	0.351	34.417	27.617	0.1085	2.12e-05
200	0.592	0.583	34.469	27.644	0.1174	5.46e-06

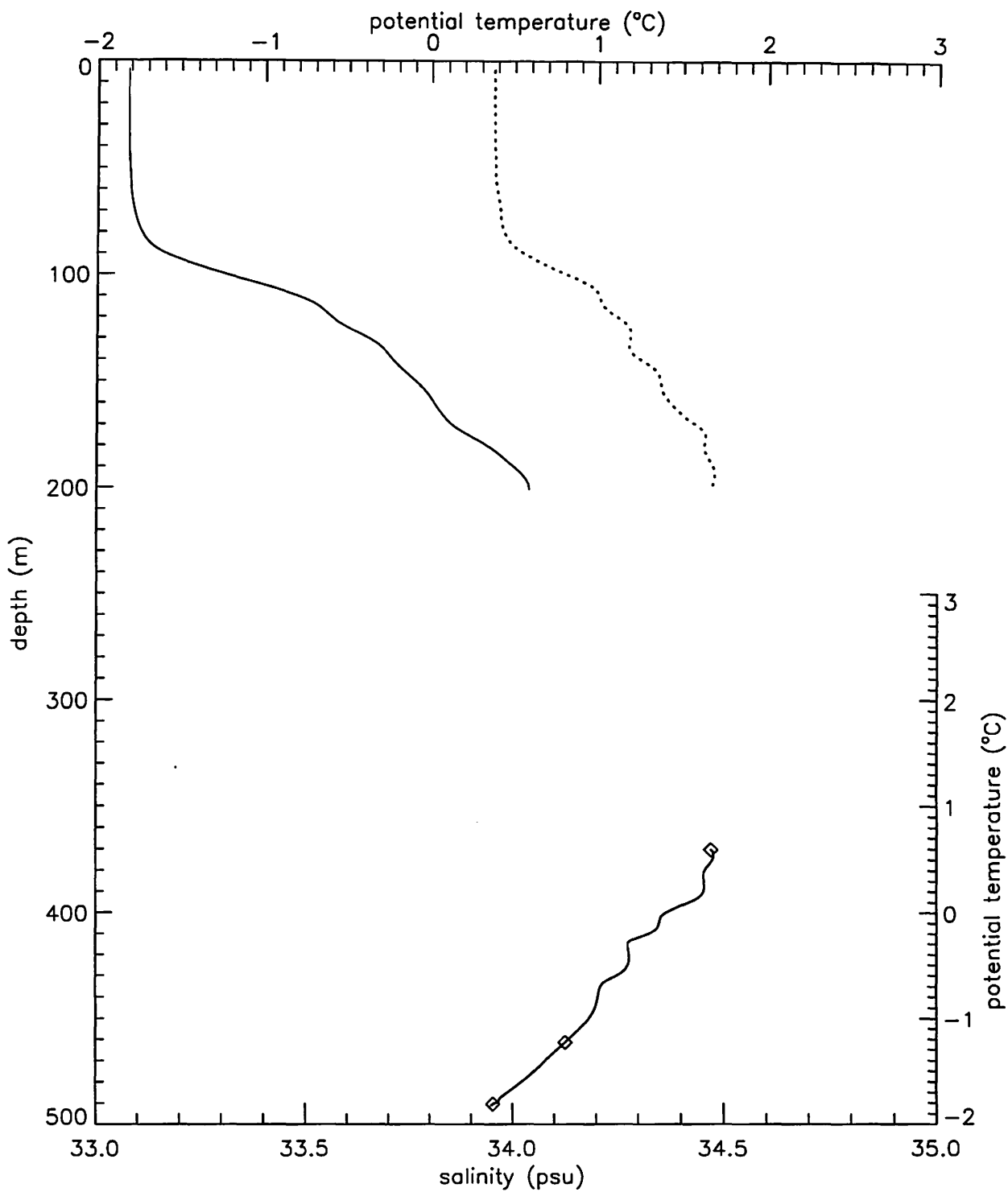
Station: 600.080



LTER 93c	Station: 600.080 (88)	JulianDay: 245	GMT: 1610
	Latitude: 64° 41.61' S	Longitude: 65° 2.15' W	Depth: 520 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.815	-1.815	33.949	27.327	0.0007	-4.24e-06
10	-1.816	-1.816	33.950	27.328	0.0044	8.48e-07
20	-1.817	-1.817	33.950	27.328	0.0118	6.66e-07
30	-1.815	-1.816	33.951	27.328	0.0191	0.00e+00
40	-1.812	-1.813	33.952	27.329	0.0265	1.57e-06
50	-1.806	-1.806	33.953	27.330	0.0338	5.45e-07
60	-1.798	-1.799	33.958	27.334	0.0411	6.66e-06
70	-1.778	-1.779	33.966	27.340	0.0483	3.09e-06
80	-1.734	-1.736	33.975	27.346	0.0555	1.68e-05
90	-1.593	-1.595	34.024	27.382	0.0625	5.44e-05
100	-1.227	-1.229	34.127	27.454	0.0690	6.99e-05
110	-0.806	-0.809	34.204	27.501	0.0749	1.26e-05
120	-0.600	-0.604	34.246	27.526	0.0805	3.82e-05
130	-0.377	-0.381	34.278	27.542	0.0858	-8.91e-06
140	-0.228	-0.233	34.303	27.555	0.0911	4.20e-05
150	-0.091	-0.097	34.349	27.586	0.0961	5.70e-06
160	0.023	0.018	34.373	27.599	0.1010	2.75e-05
180	0.341	0.334	34.453	27.646	0.1099	-9.04e-06
200	0.602	0.594	34.471	27.646	0.1186	-9.41e-06

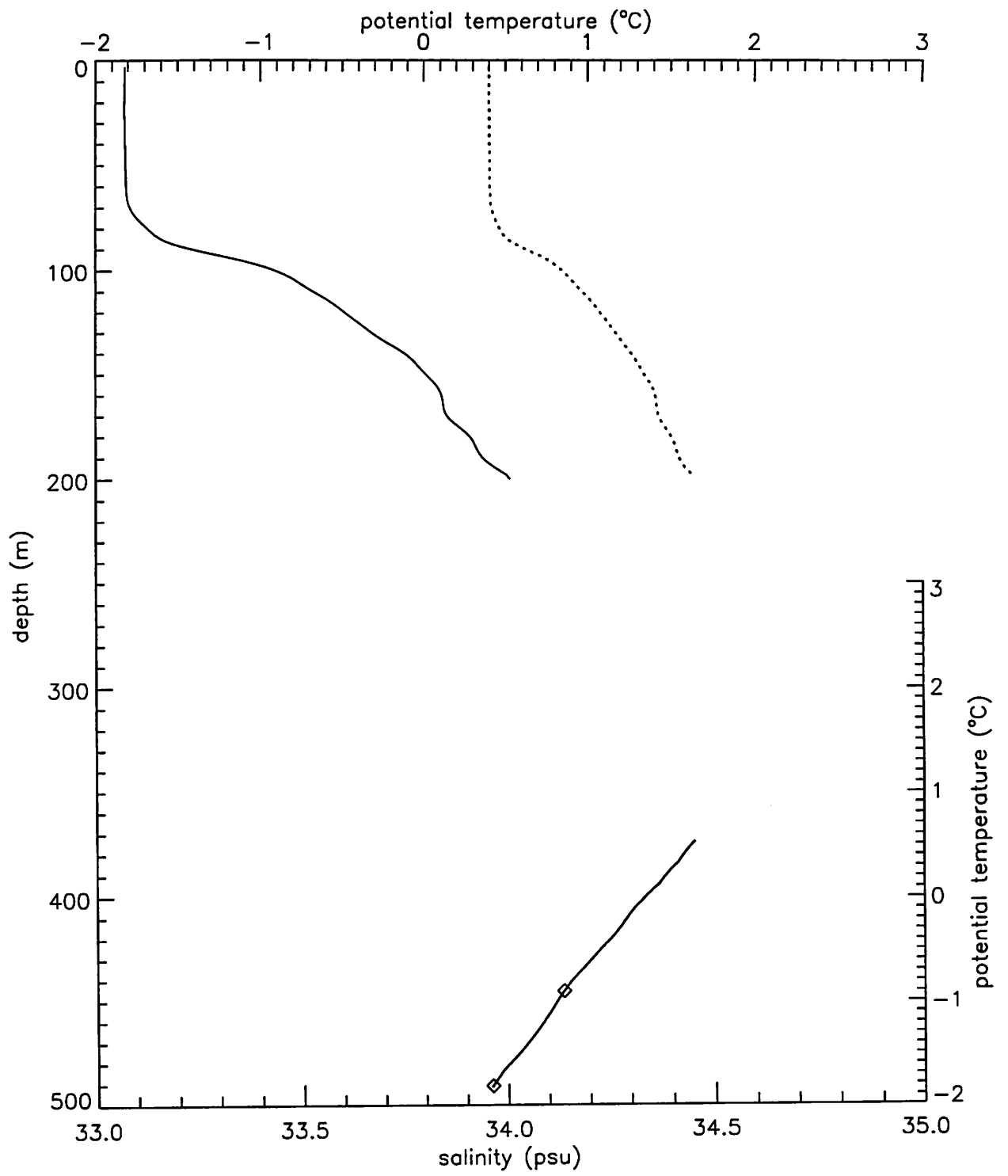
Station: 600.080



LTER 93c	Station: 600.080 (90)	JulianDay: 245	GMT: 1948
	Latitude: 64° 41.59' S	Longitude: 65° 1.26' W	Depth: 520 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.819	-1.820	33.960	27.336	0.0015	4.04e-07
10	-1.821	-1.821	33.960	27.336	0.0051	1.21e-07
20	-1.823	-1.823	33.960	27.336	0.0124	7.87e-07
30	-1.819	-1.820	33.961	27.337	0.0197	0.00e+00
40	-1.817	-1.818	33.961	27.337	0.0269	7.27e-07
50	-1.814	-1.815	33.962	27.337	0.0342	0.00e+00
60	-1.811	-1.812	33.962	27.337	0.0414	6.06e-07
70	-1.788	-1.789	33.966	27.340	0.0486	6.91e-06
80	-1.679	-1.680	33.986	27.353	0.0558	2.01e-05
90	-1.393	-1.395	34.050	27.397	0.0627	6.00e-05
100	-0.897	-0.900	34.137	27.450	0.0691	3.28e-05
110	-0.671	-0.674	34.186	27.481	0.0751	2.84e-05
120	-0.483	-0.487	34.229	27.507	0.0809	2.27e-05
130	-0.318	-0.322	34.267	27.530	0.0864	1.91e-05
140	-0.114	-0.119	34.305	27.551	0.0918	1.96e-05
150	0.016	0.011	34.336	27.570	0.0969	1.67e-05
160	0.112	0.106	34.362	27.585	0.1019	8.25e-06
180	0.289	0.282	34.400	27.607	0.1116	1.38e-05
200	0.534	0.526	34.452	27.634	0.1209	9.10e-06

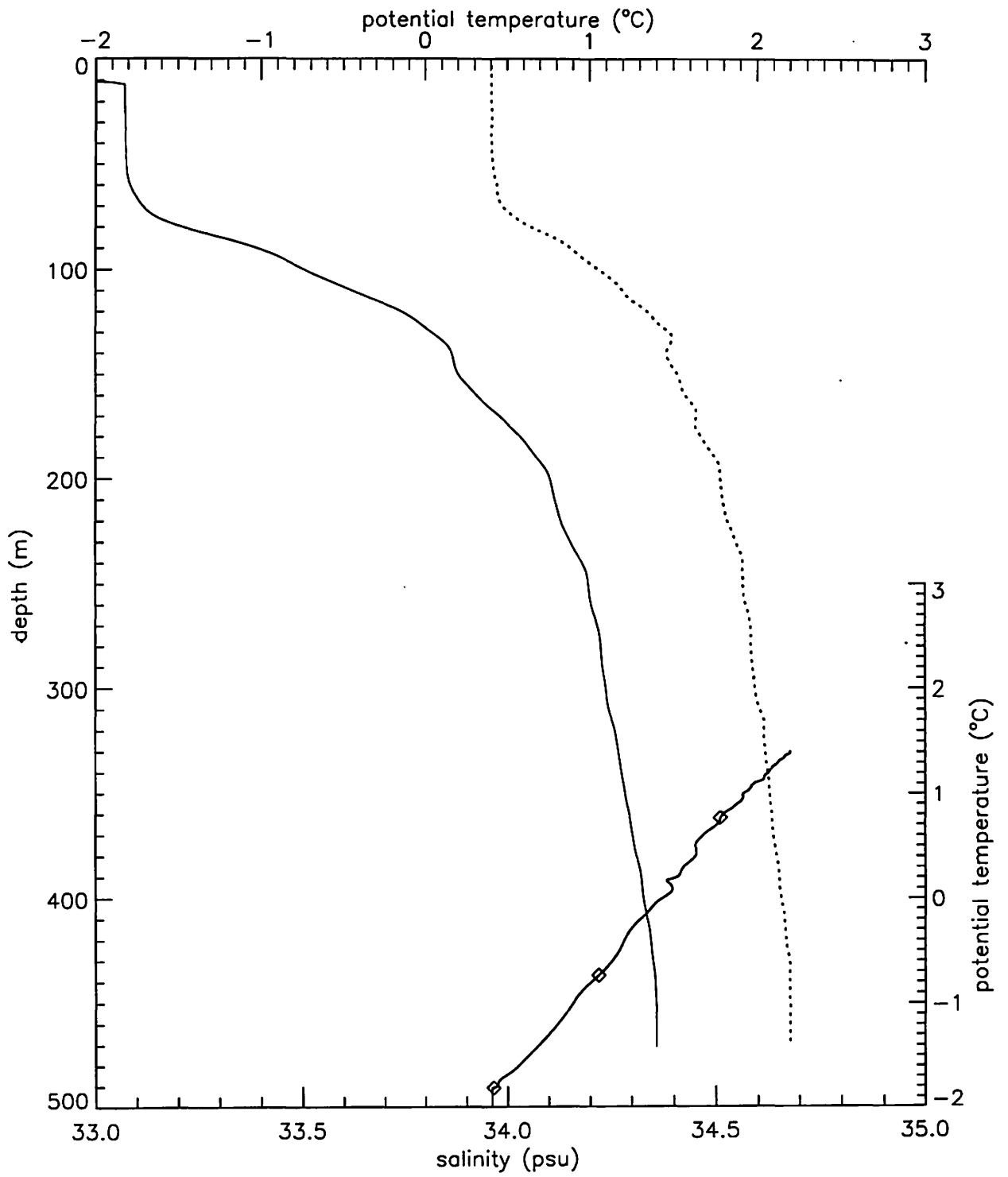
Station: 600.080



LTER 93c Station: 600.080 (94) JulianDay: 245 GMT: 2303
 Latitude: 64° 41.66' S Longitude: 65° 1.50' W Depth: 520 m

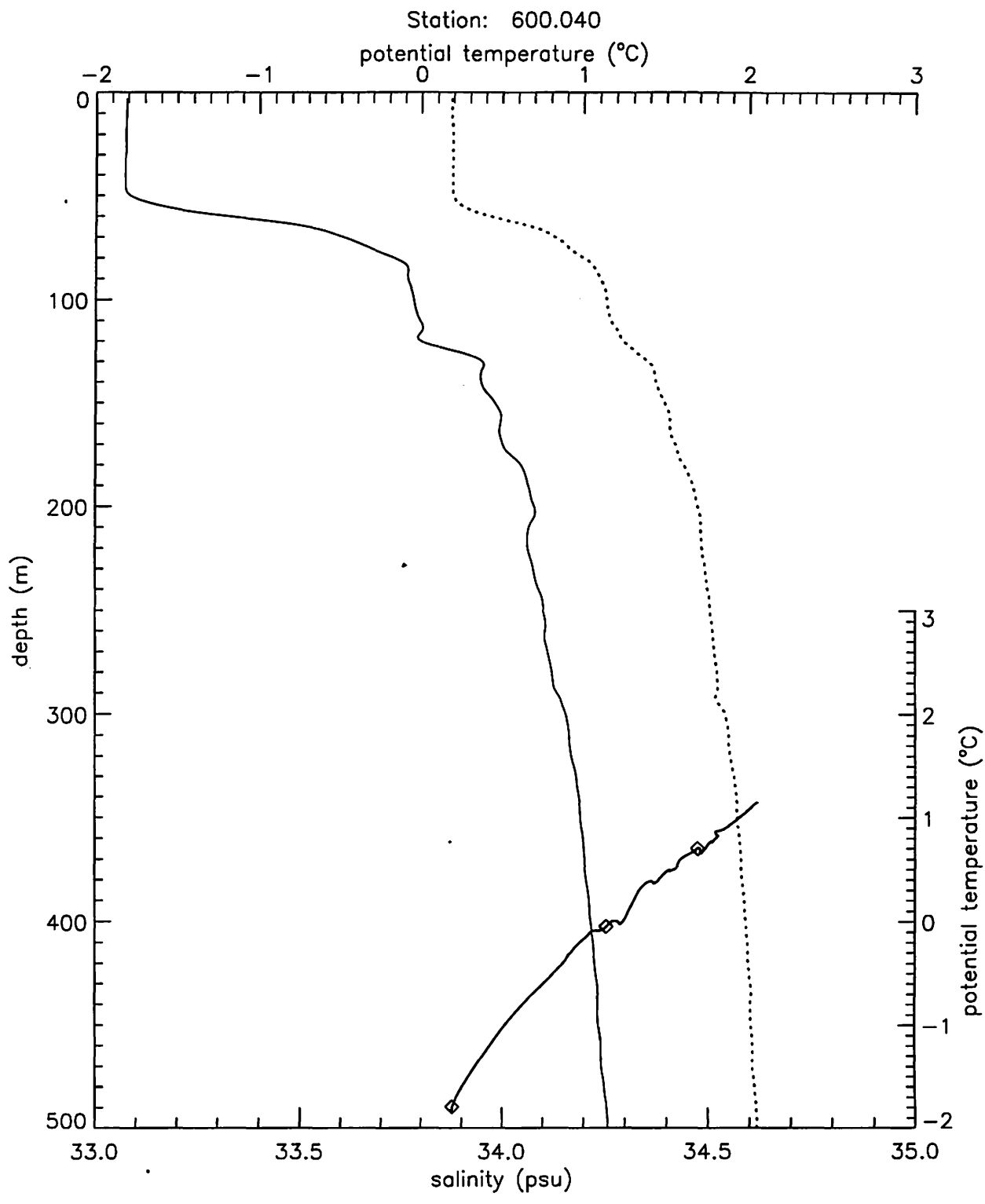
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-6.084	-6.084	33.962	27.307	0.0016	3.02e-04
10	-2.147	-2.147	33.962	27.345	0.0052	2.86e-05
20	-1.825	-1.825	33.962	27.338	0.0124	6.66e-07
30	-1.821	-1.822	33.963	27.338	0.0197	-7.87e-07
40	-1.817	-1.818	33.963	27.338	0.0269	1.51e-06
50	-1.812	-1.813	33.966	27.340	0.0342	3.76e-06
60	-1.788	-1.790	33.976	27.348	0.0413	5.75e-06
70	-1.713	-1.714	33.988	27.356	0.0485	2.70e-05
80	-1.472	-1.474	34.059	27.407	0.0553	6.44e-05
90	-1.016	-1.018	34.157	27.470	0.0616	4.12e-05
100	-0.735	-0.738	34.222	27.513	0.0674	4.23e-05
110	-0.446	-0.449	34.279	27.546	0.0728	2.07e-05
120	-0.148	-0.152	34.336	27.578	0.0779	3.20e-05
130	0.041	0.036	34.389	27.611	0.0828	2.05e-05
140	0.168	0.162	34.385	27.601	0.0875	-5.64e-06
150	0.207	0.201	34.410	27.619	0.0922	1.59e-05
160	0.318	0.312	34.429	27.628	0.0967	1.60e-05
180	0.591	0.583	34.468	27.644	0.1056	1.51e-05
200	0.771	0.762	34.512	27.669	0.1141	1.82e-07
220	0.836	0.827	34.528	27.678	0.1224	1.08e-05
240	0.967	0.956	34.566	27.699	0.1304	-5.46e-07
260	1.022	1.010	34.572	27.701	0.1382	6.50e-06
280	1.083	1.070	34.585	27.707	0.1459	-7.90e-07
300	1.113	1.099	34.594	27.713	0.1536	3.65e-06
320	1.169	1.154	34.616	27.727	0.1610	-7.90e-07
340	1.209	1.193	34.625	27.731	0.1684	3.10e-06
360	1.254	1.236	34.634	27.735	0.1757	2.74e-06
380	1.301	1.283	34.647	27.742	0.1829	3.77e-06
400	1.344	1.324	34.657	27.748	0.1900	4.93e-06
420	1.388	1.367	34.670	27.755	0.1969	2.92e-06
440	1.416	1.394	34.678	27.759	0.2038	-5.48e-07
460	1.424	1.400	34.679	27.760	0.2107	-1.83e-07

Station: 600.080



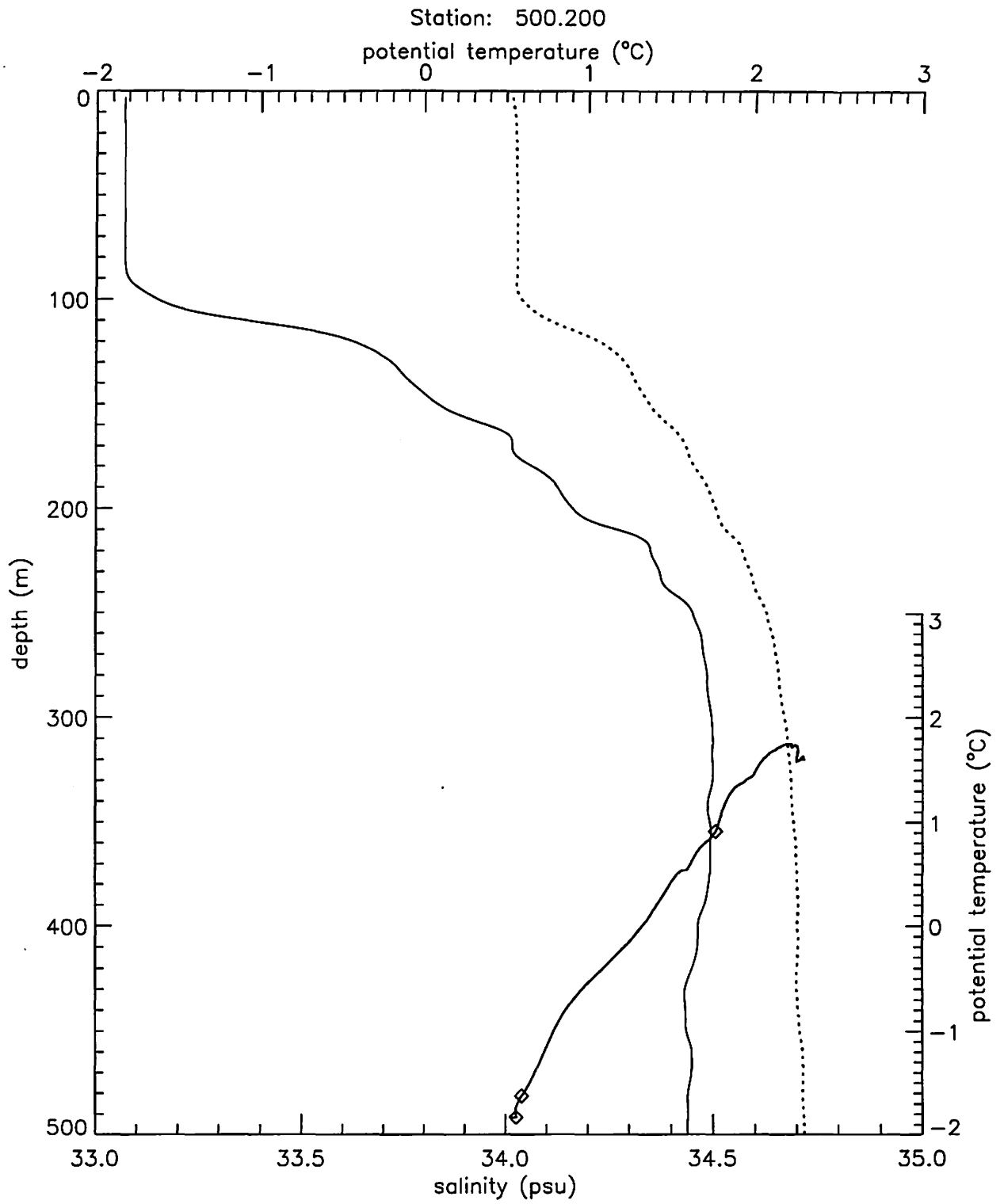
LTER 93c Station: 600.040 (109) JulianDay: 246 GMT: 1630
 Latitude: 64° 55.91' S Longitude: 64° 23.56' W Depth: 1300 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.814	-1.814	33.874	27.266	0.0016	0.00e+00
10	-1.814	-1.814	33.874	27.266	0.0056	1.63e-06
20	-1.819	-1.819	33.877	27.268	0.0135	8.48e-07
30	-1.820	-1.821	33.876	27.268	0.0214	1.21e-07
40	-1.823	-1.824	33.877	27.268	0.0293	6.06e-08
50	-1.788	-1.789	33.877	27.268	0.0372	1.34e-05
60	-1.180	-1.182	33.974	27.328	0.0450	1.05e-04
70	-0.477	-0.479	34.132	27.428	0.0517	5.11e-05
80	-0.162	-0.165	34.203	27.471	0.0580	3.79e-05
90	-0.081	-0.085	34.242	27.499	0.0638	1.76e-05
100	-0.044	-0.047	34.255	27.508	0.0695	4.00e-06
110	-0.003	-0.007	34.266	27.514	0.0751	1.60e-05
120	0.001	-0.004	34.295	27.538	0.0806	2.09e-05
130	0.383	0.378	34.356	27.566	0.0859	2.69e-05
140	0.375	0.370	34.374	27.581	0.0909	8.07e-06
150	0.462	0.456	34.395	27.592	0.0958	1.18e-05
160	0.496	0.489	34.408	27.601	0.1006	5.10e-06
180	0.627	0.620	34.442	27.621	0.1101	1.46e-05
200	0.709	0.700	34.476	27.643	0.1191	7.40e-06
220	0.670	0.660	34.486	27.654	0.1278	2.49e-06
240	0.738	0.728	34.499	27.660	0.1363	2.61e-06
260	0.778	0.766	34.512	27.668	0.1448	3.46e-06
280	0.820	0.808	34.522	27.674	0.1531	2.49e-06
300	0.905	0.892	34.541	27.684	0.1614	1.37e-05
320	0.942	0.927	34.554	27.692	0.1694	4.50e-06
340	0.989	0.973	34.569	27.701	0.1773	2.67e-06
360	1.015	0.999	34.577	27.705	0.1851	2.13e-06
380	1.036	1.019	34.583	27.709	0.1929	2.49e-06
400	1.065	1.046	34.592	27.714	0.2005	2.74e-06
420	1.090	1.070	34.599	27.718	0.2081	7.30e-07
440	1.111	1.089	34.604	27.721	0.2157	-7.30e-07
460	1.129	1.107	34.609	27.724	0.2232	1.22e-06
480	1.150	1.126	34.613	27.726	0.2306	2.07e-06
500	1.171	1.146	34.619	27.729	0.2381	2.23e-06



LTER 93c **Station:** 500.200 (115) **JulianDay:** 247 **GMT:** 1649
Latitude: 64° 36.54' S **Longitude:** 68° 17.61' W **Depth:** -999 m

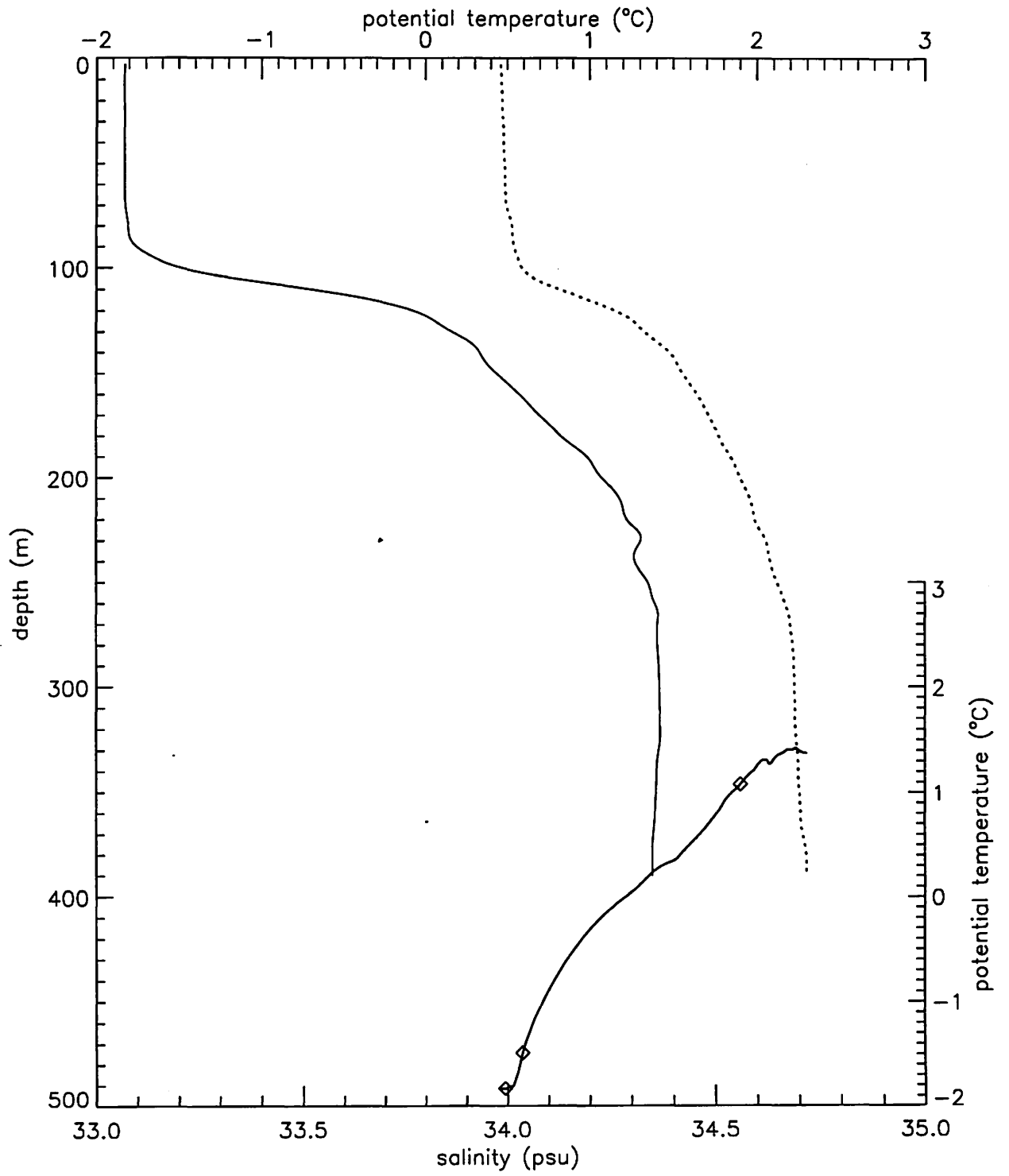
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.829	-1.829	34.016	27.382	0.0014	5.05e-06
10	-1.830	-1.831	34.021	27.385	0.0048	4.72e-06
20	-1.828	-1.828	34.023	27.387	0.0116	1.51e-06
30	-1.826	-1.827	34.024	27.388	0.0184	1.21e-07
40	-1.827	-1.827	34.025	27.389	0.0252	1.64e-06
50	-1.827	-1.828	34.026	27.390	0.0319	8.48e-07
60	-1.826	-1.827	34.027	27.391	0.0386	0.00e+00
70	-1.826	-1.827	34.027	27.391	0.0454	0.00e+00
80	-1.825	-1.826	34.027	27.391	0.0521	-1.21e-07
90	-1.800	-1.802	34.025	27.389	0.0588	-3.15e-06
100	-1.622	-1.624	34.040	27.396	0.0656	2.33e-05
110	-1.075	-1.078	34.109	27.434	0.0721	5.07e-05
120	-0.437	-0.441	34.227	27.504	0.0781	5.49e-05
130	-0.198	-0.202	34.289	27.542	0.0836	2.38e-05
140	-0.073	-0.078	34.316	27.558	0.0888	1.36e-05
150	0.085	0.079	34.347	27.575	0.0939	1.58e-05
160	0.388	0.381	34.395	27.597	0.0988	2.31e-05
180	0.674	0.667	34.455	27.628	0.1081	1.10e-05
200	0.920	0.911	34.506	27.654	0.1170	3.82e-06
220	1.387	1.376	34.570	27.674	0.1256	1.34e-05
240	1.516	1.504	34.603	27.691	0.1337	6.07e-06
260	1.689	1.676	34.641	27.709	0.1416	8.08e-06
280	1.729	1.714	34.657	27.719	0.1492	3.95e-06
300	1.757	1.741	34.671	27.728	0.1567	6.62e-06
320	1.764	1.747	34.683	27.737	0.1641	3.71e-06
340	1.736	1.718	34.689	27.744	0.1713	3.40e-06
360	1.752	1.733	34.698	27.750	0.1784	1.95e-06
380	1.744	1.724	34.701	27.754	0.1854	3.65e-06
400	1.683	1.662	34.702	27.759	0.1924	1.03e-06
420	1.648	1.626	34.701	27.761	0.1993	1.40e-06
440	1.613	1.589	34.704	27.766	0.2061	2.49e-06
460	1.650	1.626	34.715	27.772	0.2129	1.83e-06
480	1.628	1.603	34.715	27.774	0.2196	5.48e-07
500	1.625	1.599	34.718	27.777	0.2262	0.00e+00



LTER 93c	Station: 500.180 (132)	JulianDay: 248	GMT: 1245
	Latitude: 64° 44.14' S	Longitude: 67° 59.85' W	Depth: 400 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.828	-1.828	33.984	27.356	0.0014	2.83e-06
10	-1.831	-1.831	33.986	27.357	0.0050	2.48e-06
20	-1.830	-1.830	33.988	27.359	0.0120	7.87e-07
30	-1.829	-1.829	33.990	27.361	0.0191	3.21e-06
40	-1.828	-1.829	33.992	27.362	0.0261	9.08e-07
50	-1.827	-1.828	33.994	27.364	0.0331	1.64e-06
60	-1.827	-1.828	33.995	27.365	0.0401	7.88e-07
70	-1.824	-1.825	33.998	27.367	0.0471	7.51e-06
80	-1.806	-1.807	34.012	27.378	0.0540	5.82e-06
90	-1.753	-1.755	34.018	27.382	0.0608	6.00e-06
100	-1.484	-1.486	34.037	27.389	0.0676	1.55e-05
110	-0.701	-0.705	34.129	27.435	0.0742	6.61e-05
120	-0.075	-0.079	34.261	27.514	0.0801	6.32e-05
130	0.166	0.161	34.332	27.559	0.0855	3.30e-05
140	0.337	0.332	34.392	27.597	0.0905	3.04e-05
150	0.441	0.435	34.423	27.617	0.0952	1.52e-05
160	0.582	0.575	34.457	27.635	0.0997	1.59e-05
180	0.840	0.832	34.510	27.662	0.1084	8.80e-06
200	1.087	1.078	34.560	27.687	0.1167	9.89e-06
220	1.236	1.225	34.595	27.705	0.1245	7.10e-06
240	1.285	1.273	34.632	27.731	0.1320	6.13e-06
260	1.403	1.390	34.666	27.750	0.1391	9.96e-06
280	1.421	1.407	34.685	27.764	0.1459	3.46e-06
300	1.432	1.417	34.689	27.767	0.1526	6.68e-07
320	1.439	1.423	34.692	27.769	0.1592	2.19e-06
340	1.418	1.401	34.698	27.775	0.1657	1.22e-06
360	1.409	1.391	34.703	27.780	0.1722	2.86e-06
380	1.393	1.374	34.717	27.792	0.1786	3.22e-06

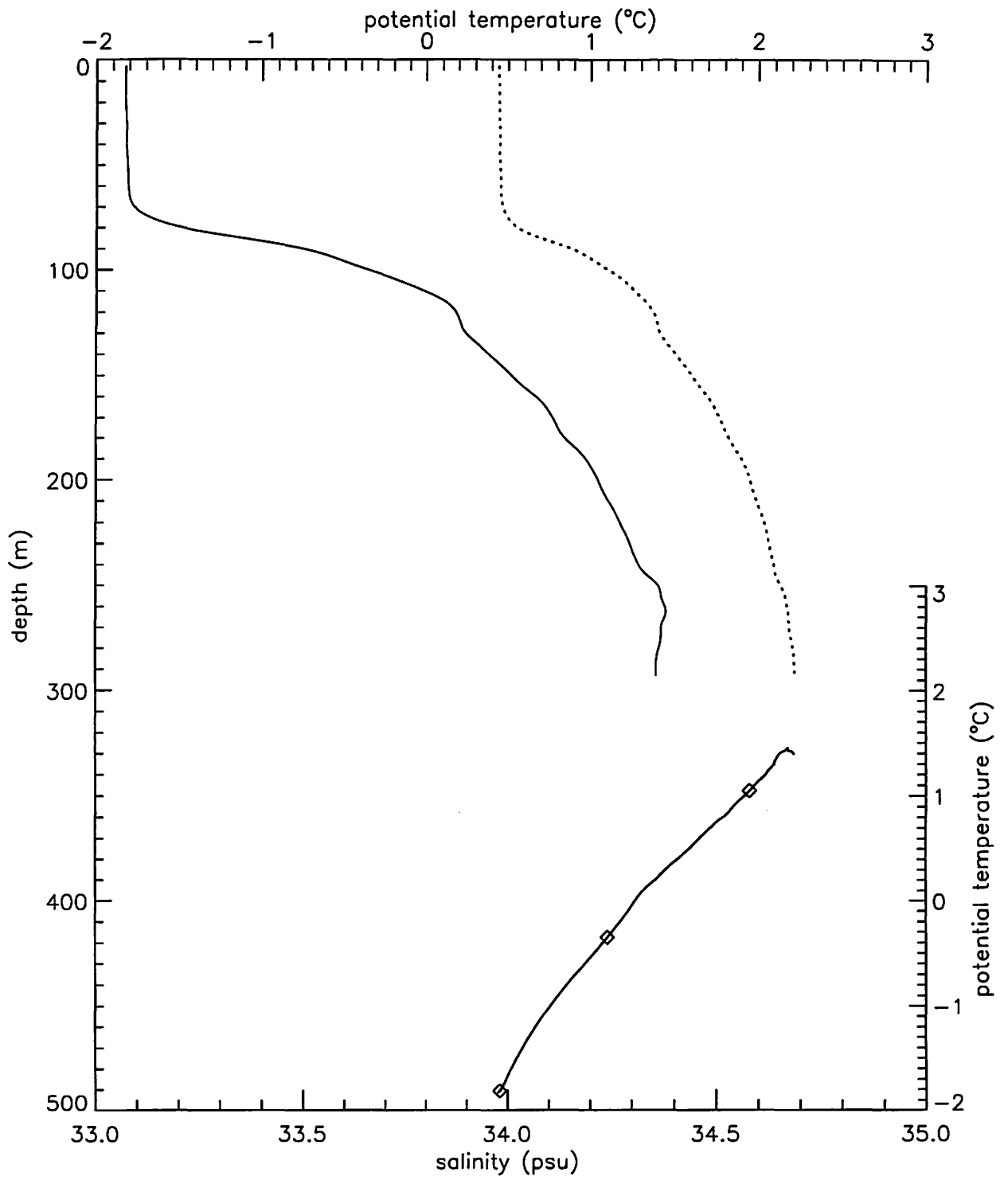
Station: 500.180



LTER 93c	Station: 500.160 (138)	JulianDay: 248	GMT: 1623
	Latitude: 64° 51.81' S	Longitude: 67° 41.55' W	Depth: 300 m

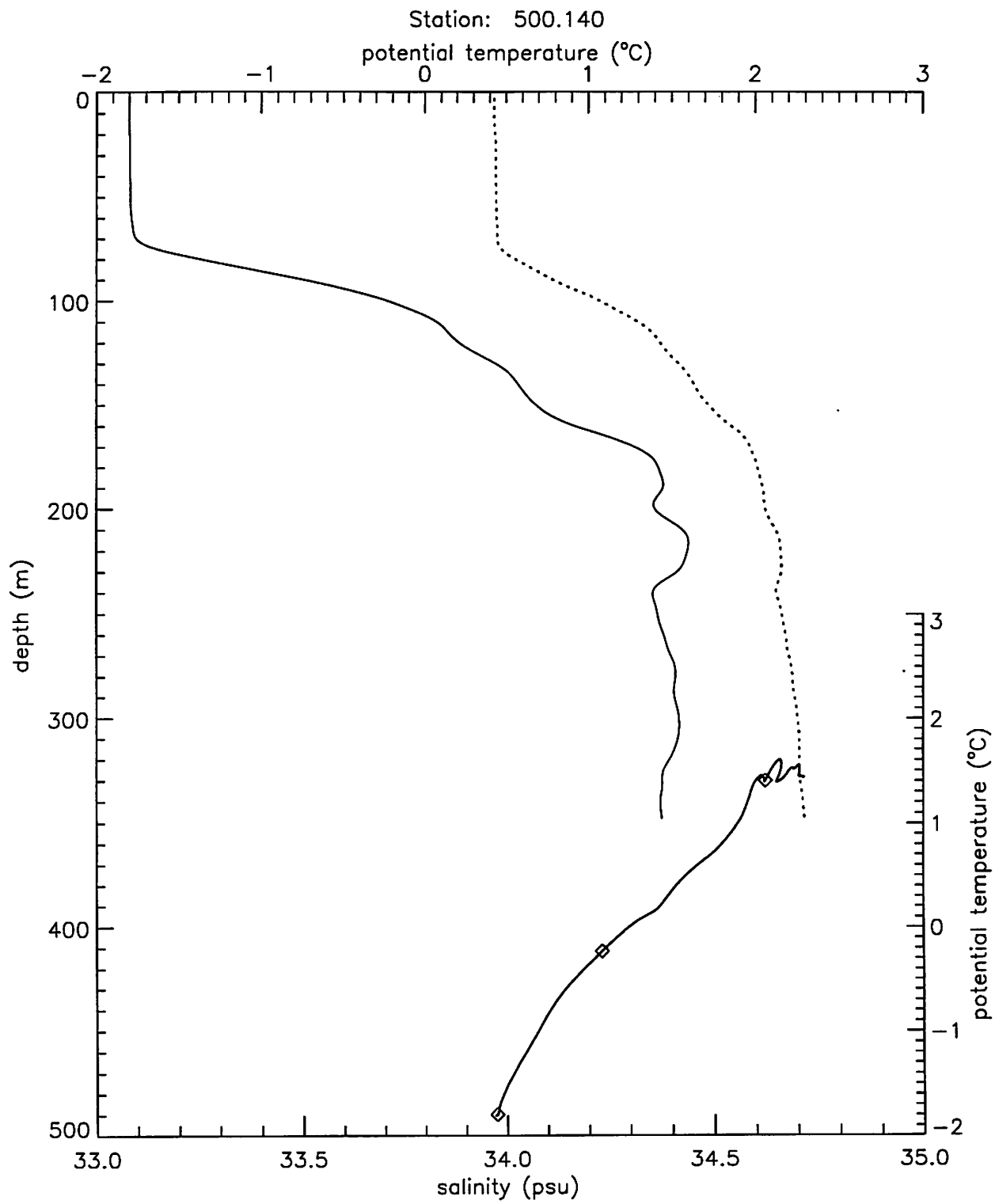
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.824	-1.824	33.977	27.350	0.0014	4.04e-07
10	-1.825	-1.825	33.978	27.350	0.0050	7.87e-07
20	-1.824	-1.825	33.978	27.351	0.0122	-6.06e-08
30	-1.819	-1.820	33.979	27.351	0.0193	1.39e-06
40	-1.818	-1.819	33.980	27.352	0.0264	-8.48e-07
50	-1.811	-1.812	33.981	27.352	0.0335	2.24e-06
60	-1.807	-1.808	33.982	27.353	0.0406	5.45e-07
70	-1.772	-1.773	33.988	27.357	0.0477	9.09e-06
80	-1.470	-1.472	34.027	27.380	0.0547	4.94e-05
90	-0.729	-0.732	34.158	27.461	0.0611	6.85e-05
100	-0.346	-0.349	34.243	27.512	0.0670	4.11e-05
110	-0.008	-0.012	34.306	27.547	0.0724	2.53e-05
120	0.187	0.183	34.350	27.572	0.0776	1.59e-05
130	0.251	0.246	34.367	27.582	0.0826	1.41e-05
140	0.395	0.389	34.406	27.605	0.0874	2.32e-05
150	0.534	0.528	34.444	27.628	0.0921	1.89e-05
160	0.683	0.676	34.481	27.649	0.0965	1.84e-05
180	0.859	0.851	34.531	27.678	0.1049	1.27e-05
200	1.057	1.048	34.580	27.705	0.1128	7.40e-06
220	1.191	1.181	34.614	27.723	0.1204	7.71e-06
240	1.305	1.293	34.638	27.734	0.1277	2.55e-06
260	1.459	1.446	34.669	27.748	0.1348	4.80e-06
280	1.424	1.410	34.683	27.762	0.1416	8.32e-06

Station: 500.160



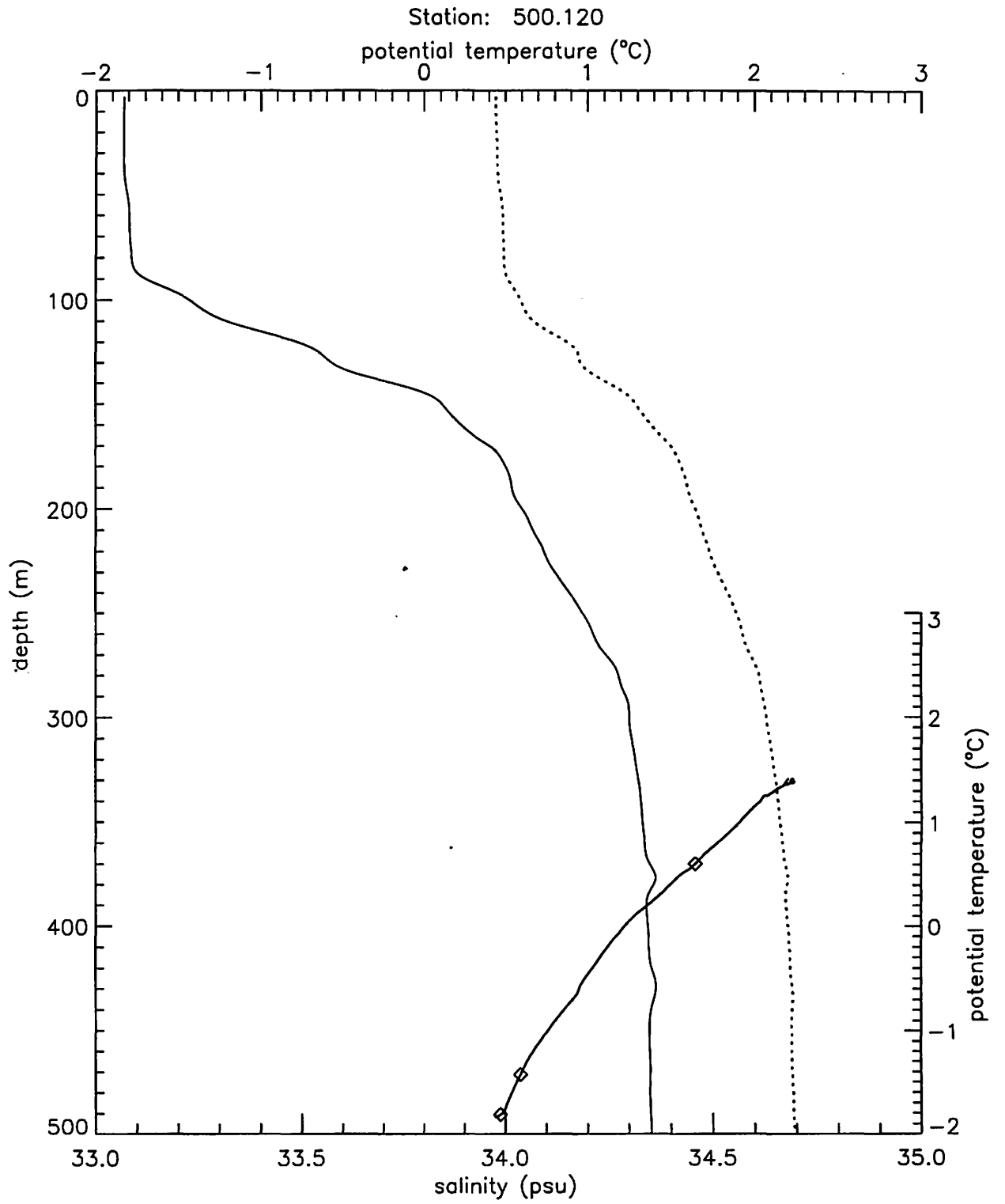
LTER 93c	Station: 500.140 (148)	JulianDay: 248	GMT: 2025
	Latitude: 64° 59.13' S	Longitude: 67° 23.66' W	Depth: 350 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.799	-1.800	33.971	27.344	0.0014	0.00e+00
10	-1.801	-1.801	33.971	27.344	0.0050	7.87e-07
20	-1.799	-1.799	33.973	27.346	0.0122	1.39e-06
30	-1.796	-1.797	33.974	27.347	0.0194	0.00e+00
40	-1.796	-1.796	33.974	27.347	0.0266	7.27e-07
50	-1.793	-1.794	33.975	27.347	0.0337	7.27e-07
60	-1.787	-1.788	33.976	27.348	0.0409	1.15e-06
70	-1.758	-1.760	33.978	27.349	0.0480	3.09e-06
80	-1.359	-1.360	34.023	27.374	0.0551	4.56e-05
90	-0.728	-0.730	34.118	27.428	0.0617	5.70e-05
100	-0.228	-0.231	34.232	27.498	0.0678	6.01e-05
110	0.075	0.071	34.321	27.554	0.0733	4.72e-05
120	0.216	0.212	34.373	27.589	0.0783	2.13e-05
130	0.441	0.436	34.417	27.612	0.0831	2.34e-05
140	0.580	0.575	34.454	27.633	0.0877	1.64e-05
150	0.690	0.684	34.488	27.654	0.0921	2.44e-05
160	0.923	0.916	34.542	27.683	0.0962	2.31e-05
180	1.429	1.420	34.604	27.698	0.1042	6.19e-06
200	1.409	1.399	34.622	27.714	0.1119	4.80e-06
220	1.604	1.593	34.659	27.730	0.1193	5.04e-06
240	1.397	1.386	34.649	27.737	0.1265	5.89e-06
260	1.464	1.451	34.671	27.750	0.1336	3.16e-06
280	1.534	1.520	34.687	27.758	0.1404	4.25e-06
300	1.557	1.542	34.700	27.766	0.1472	2.92e-06
320	1.500	1.484	34.703	27.773	0.1538	3.59e-06
340	1.446	1.429	34.711	27.784	0.1602	4.19e-06



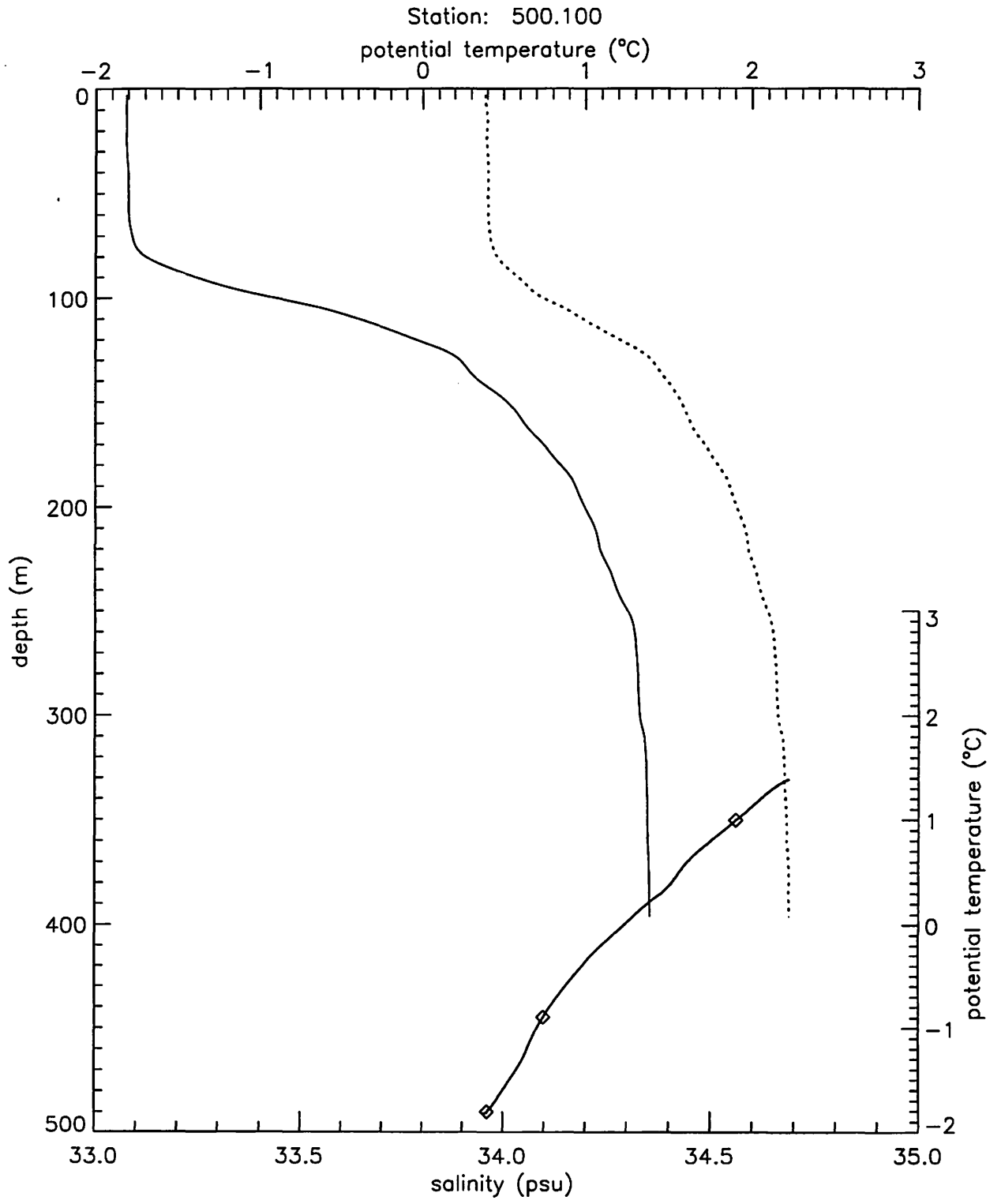
LTER 93c Station: 500.120 (159) JulianDay: 249 GMT: 1245
 Latitude: 65° 6.70' S Longitude: 67° 5.16' W Depth: 680 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.829	-1.829	33.976	27.349	0.0014	0.00e+00
10	-1.830	-1.831	33.976	27.349	0.0050	8.48e-07
20	-1.832	-1.832	33.978	27.351	0.0122	1.63e-06
30	-1.831	-1.832	33.979	27.352	0.0193	8.48e-07
40	-1.827	-1.827	33.982	27.354	0.0264	2.79e-06
50	-1.809	-1.810	33.988	27.359	0.0335	5.69e-06
60	-1.797	-1.798	33.994	27.363	0.0405	1.51e-06
70	-1.793	-1.794	33.994	27.363	0.0475	4.85e-07
80	-1.781	-1.782	33.997	27.365	0.0545	2.67e-06
90	-1.694	-1.696	34.006	27.370	0.0614	1.15e-05
100	-1.426	-1.428	34.038	27.388	0.0683	1.42e-05
110	-1.208	-1.211	34.068	27.405	0.0749	3.04e-05
120	-0.777	-0.780	34.147	27.454	0.0813	4.09e-05
130	-0.558	-0.562	34.183	27.474	0.0873	1.47e-05
140	-0.189	-0.194	34.250	27.511	0.0931	4.26e-05
150	0.114	0.109	34.316	27.548	0.0986	2.41e-05
160	0.232	0.226	34.352	27.571	0.1037	2.32e-05
180	0.512	0.504	34.425	27.614	0.1134	1.16e-05
200	0.611	0.603	34.458	27.635	0.1226	1.06e-05
220	0.747	0.737	34.492	27.654	0.1314	1.07e-05
240	0.902	0.891	34.536	27.679	0.1398	1.18e-05
260	1.046	1.034	34.571	27.698	0.1478	6.19e-06
280	1.201	1.187	34.611	27.720	0.1555	6.80e-06
300	1.265	1.251	34.628	27.729	0.1629	4.98e-06
320	1.304	1.288	34.644	27.740	0.1701	3.95e-06
340	1.337	1.321	34.656	27.747	0.1772	2.25e-06
360	1.361	1.344	34.667	27.754	0.1842	4.32e-06
380	1.416	1.397	34.678	27.759	0.1910	-3.04e-07
400	1.383	1.363	34.680	27.763	0.1978	2.37e-06
420	1.407	1.386	34.686	27.767	0.2046	-2.43e-07
440	1.406	1.383	34.691	27.770	0.2113	-3.04e-07
460	1.400	1.377	34.690	27.770	0.2180	6.08e-07
480	1.401	1.376	34.693	27.773	0.2246	7.91e-07
500	1.409	1.383	34.695	27.774	0.2313	3.65e-06



LTER 93c	Station: 500.100 (164)	JulianDay: 249	GMT: 1545
	Latitude: 65° 13.97' S	Longitude: 66° 46.67' W	Depth: 430 m

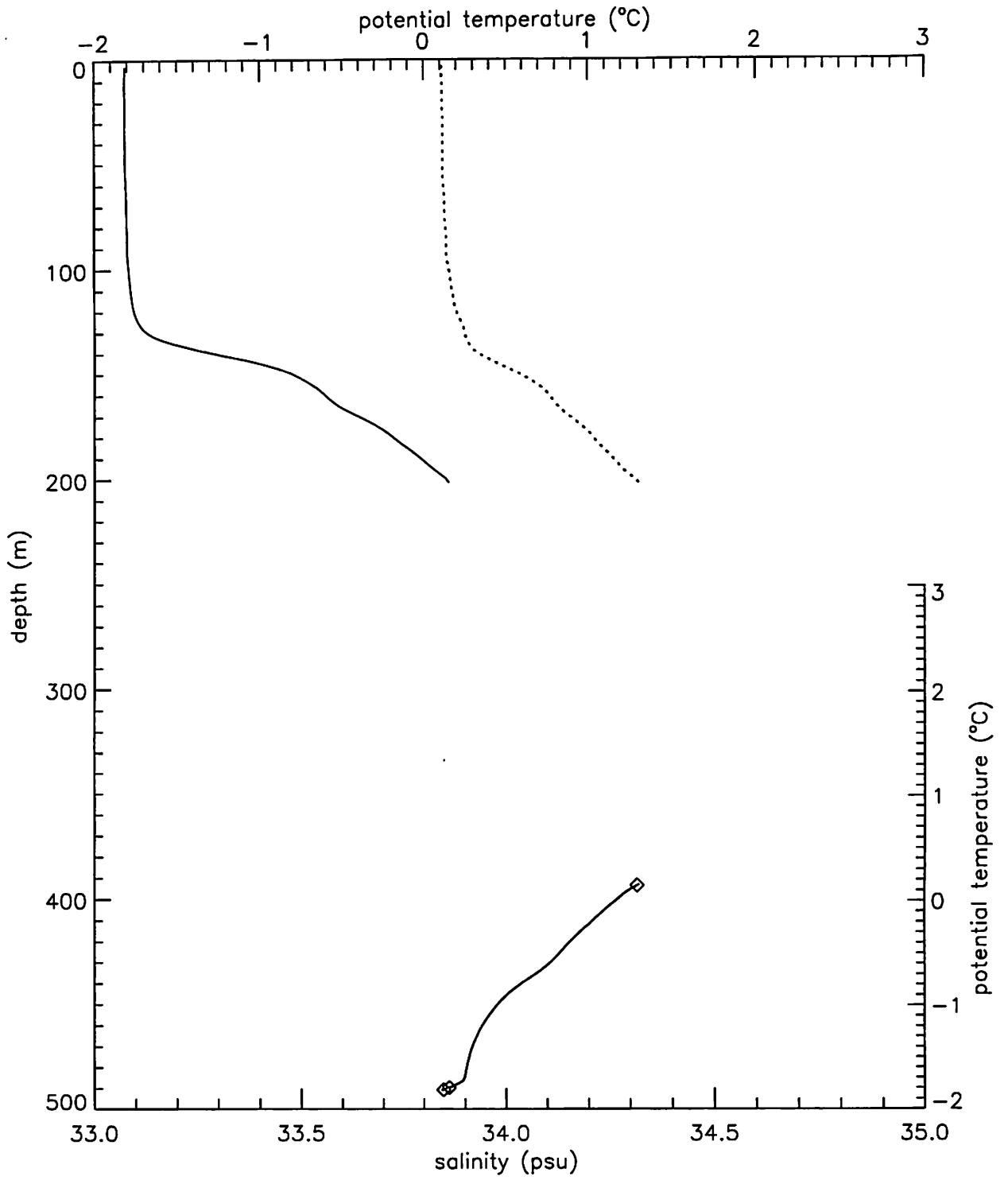
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.813	-1.813	33.955	27.332	0.0015	4.04e-07
10	-1.814	-1.815	33.957	27.334	0.0051	3.15e-06
20	-1.814	-1.814	33.958	27.334	0.0124	-1.51e-06
30	-1.811	-1.812	33.959	27.335	0.0197	2.85e-06
40	-1.801	-1.802	33.962	27.337	0.0270	6.06e-07
50	-1.800	-1.801	33.961	27.337	0.0342	-7.87e-07
60	-1.798	-1.799	33.962	27.337	0.0415	1.33e-06
70	-1.778	-1.779	33.966	27.340	0.0487	5.33e-06
80	-1.692	-1.694	33.984	27.352	0.0559	2.24e-05
90	-1.383	-1.385	34.036	27.385	0.0628	3.03e-05
100	-0.893	-0.896	34.099	27.419	0.0695	4.56e-05
110	-0.401	-0.405	34.193	27.474	0.0757	4.80e-05
120	-0.042	-0.046	34.282	27.529	0.0814	5.29e-05
130	0.236	0.231	34.359	27.576	0.0866	2.98e-05
140	0.353	0.348	34.396	27.600	0.0915	1.97e-05
150	0.525	0.519	34.429	27.616	0.0962	1.24e-05
160	0.631	0.624	34.452	27.628	0.1008	1.32e-05
180	0.858	0.850	34.518	27.667	0.1095	1.89e-05
200	1.005	0.996	34.562	27.694	0.1177	1.03e-05
220	1.100	1.090	34.591	27.711	0.1254	6.25e-06
240	1.204	1.193	34.620	27.727	0.1328	7.04e-06
260	1.309	1.296	34.650	27.744	0.1400	3.95e-06
280	1.332	1.318	34.658	27.749	0.1469	1.21e-06
300	1.343	1.329	34.662	27.751	0.1539	2.67e-06
320	1.383	1.367	34.677	27.761	0.1607	1.09e-06
340	1.391	1.374	34.681	27.763	0.1674	2.80e-06
360	1.397	1.379	34.684	27.766	0.1742	1.15e-06
380	1.405	1.386	34.689	27.769	0.1808	-9.73e-07



LTER 93c	Station: 500.060 (178)	JulianDay: 249	GMT: 2131
	Latitude: 65° 28.75' S	Longitude: 66° 8.73' W	Depth: 300 m

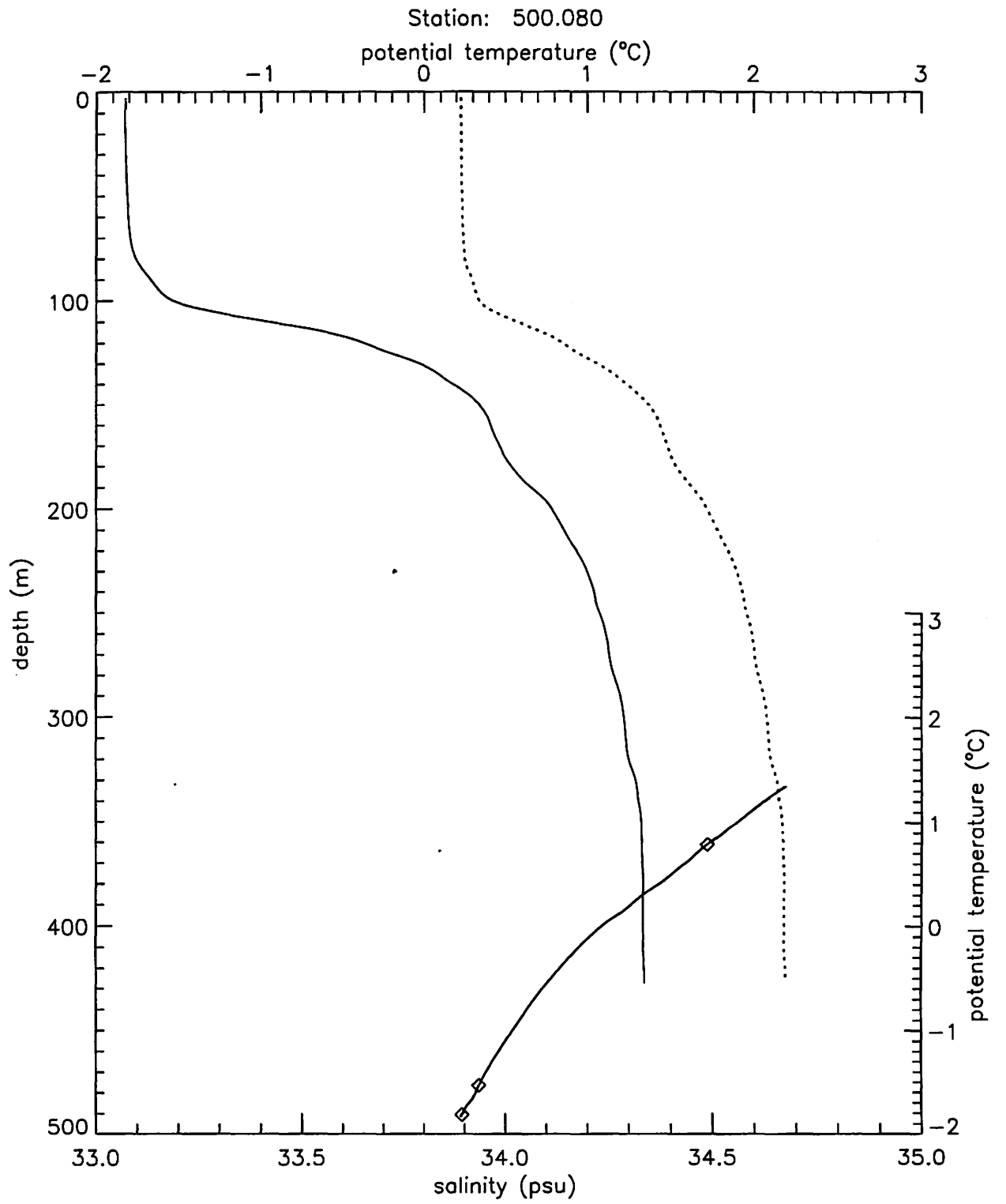
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.813	-1.814	33.844	27.241	0.0016	0.00e+00
10	-1.815	-1.815	33.845	27.242	0.0057	7.87e-07
20	-1.814	-1.814	33.846	27.243	0.0139	8.48e-07
30	-1.812	-1.812	33.847	27.244	0.0221	7.27e-07
40	-1.811	-1.812	33.847	27.244	0.0302	0.00e+00
50	-1.811	-1.812	33.847	27.244	0.0383	0.00e+00
60	-1.809	-1.810	33.848	27.245	0.0465	2.18e-06
70	-1.804	-1.805	33.851	27.247	0.0546	7.27e-07
80	-1.801	-1.803	33.853	27.248	0.0626	2.36e-06
90	-1.799	-1.801	33.854	27.249	0.0707	1.51e-06
100	-1.790	-1.792	33.861	27.255	0.0787	6.79e-06
110	-1.778	-1.780	33.869	27.261	0.0867	5.82e-06
120	-1.757	-1.759	33.880	27.270	0.0946	1.37e-05
130	-1.674	-1.676	33.900	27.283	0.1024	6.67e-06
140	-1.244	-1.247	33.935	27.299	0.1100	4.01e-05
150	-0.786	-0.790	34.039	27.367	0.1173	6.11e-05
160	-0.595	-0.600	34.106	27.413	0.1240	2.92e-05
180	-0.176	-0.182	34.213	27.480	0.1365	2.89e-05
200	0.148	0.141	34.316	27.547	0.1477	2.97e-05

Station: 500.060



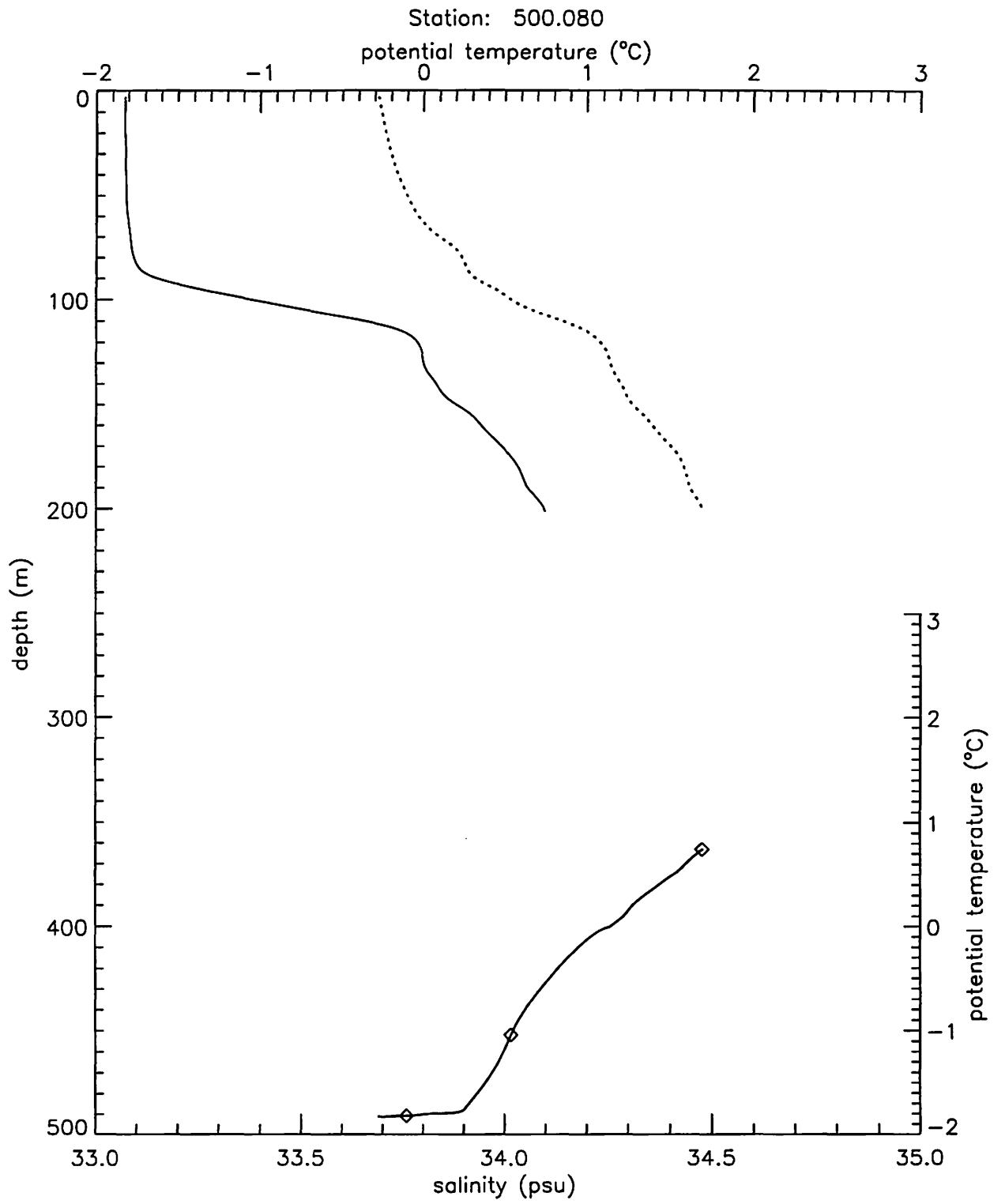
LTER 93c **Station:** 500.080 (183) **JulianDay:** 250 **GMT:** 0956
Latitude: 65° 21.44' S **Longitude:** 66° 27.53' W **Depth:** 700 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.822	-1.822	33.891	27.280	0.0016	0.00e+00
10	-1.824	-1.824	33.891	27.280	0.0055	9.69e-07
20	-1.823	-1.824	33.892	27.281	0.0133	0.00e+00
30	-1.821	-1.821	33.892	27.281	0.0211	-1.21e-07
40	-1.815	-1.816	33.893	27.281	0.0289	6.66e-07
50	-1.810	-1.811	33.894	27.282	0.0367	1.39e-06
60	-1.804	-1.805	33.895	27.283	0.0444	6.06e-07
70	-1.793	-1.794	33.897	27.284	0.0522	1.88e-06
80	-1.756	-1.757	33.901	27.287	0.0599	5.15e-06
90	-1.664	-1.666	33.919	27.298	0.0676	1.11e-05
100	-1.526	-1.528	33.936	27.308	0.0751	2.38e-05
110	-0.936	-0.939	34.029	27.364	0.0824	6.75e-05
120	-0.371	-0.375	34.139	27.430	0.0890	4.90e-05
130	-0.021	-0.026	34.226	27.483	0.0952	5.22e-05
140	0.186	0.180	34.298	27.530	0.1009	3.54e-05
150	0.347	0.341	34.348	27.562	0.1062	2.44e-05
160	0.418	0.411	34.375	27.579	0.1112	1.18e-05
180	0.547	0.539	34.414	27.603	0.1210	1.65e-05
200	0.795	0.787	34.488	27.648	0.1301	1.60e-05
220	0.947	0.937	34.538	27.678	0.1386	1.39e-05
240	1.052	1.041	34.572	27.699	0.1466	6.19e-06
260	1.124	1.112	34.595	27.712	0.1543	4.43e-06
280	1.174	1.161	34.610	27.721	0.1619	6.62e-06
300	1.235	1.220	34.630	27.733	0.1692	2.13e-06
320	1.265	1.250	34.640	27.739	0.1764	6.02e-06
340	1.326	1.309	34.661	27.752	0.1834	3.95e-06
360	1.346	1.328	34.669	27.757	0.1903	1.22e-06
380	1.354	1.334	34.672	27.759	0.1971	-1.22e-07
400	1.356	1.336	34.672	27.759	0.2040	0.00e+00
420	1.363	1.342	34.675	27.760	0.2108	1.28e-06



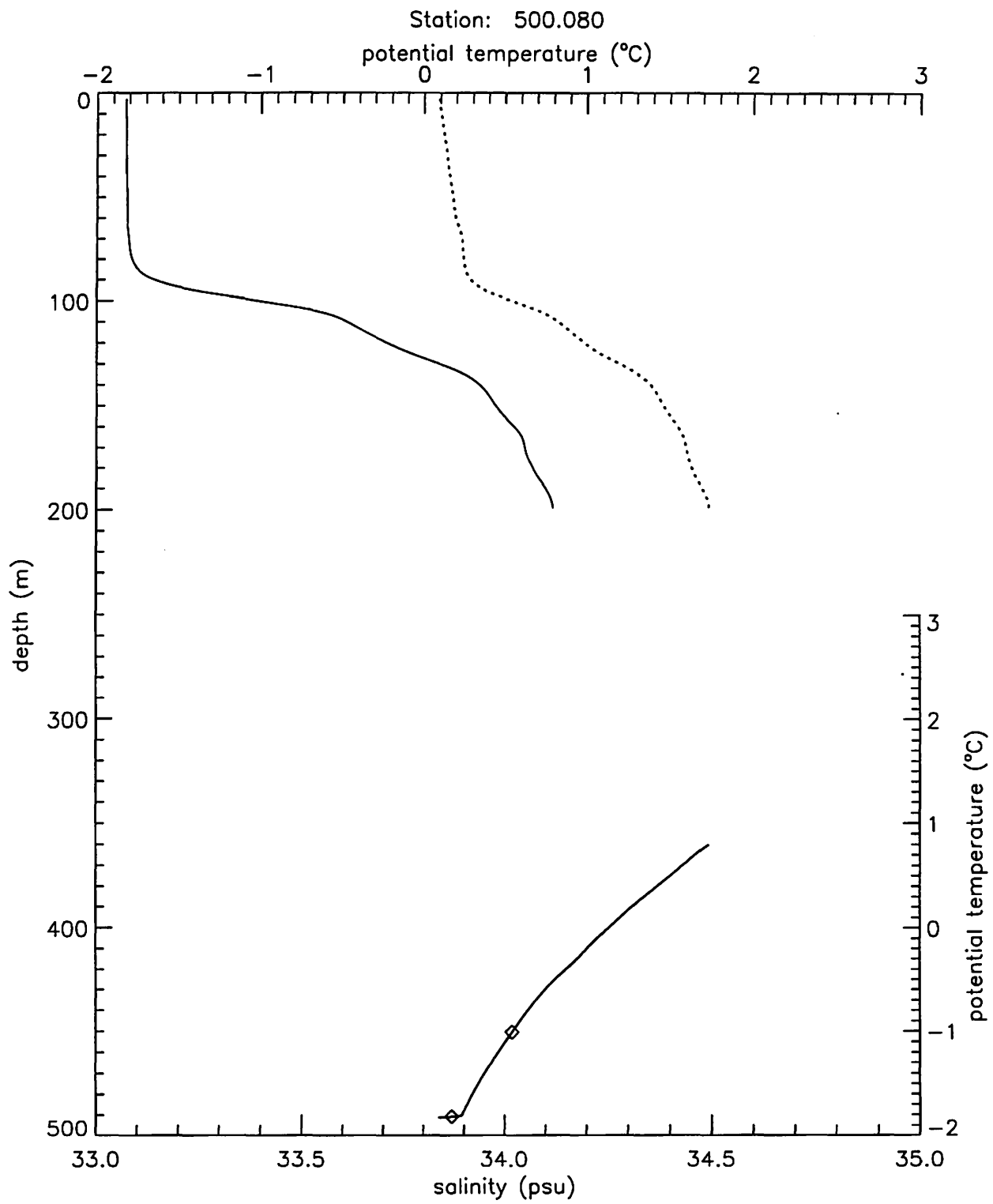
LTER 93c	Station: 500.080 (185)	JulianDay: 250	GMT: 1302
	Latitude: 65° 21.36' S	Longitude: 66° 27.16' W	Depth: 700 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.822	-1.822	33.690	27.117	0.0019	8.27e-06
10	-1.824	-1.824	33.696	27.121	0.0065	8.71e-06
20	-1.824	-1.824	33.706	27.129	0.0158	8.47e-06
30	-1.819	-1.819	33.719	27.140	0.0250	1.25e-05
40	-1.817	-1.818	33.737	27.154	0.0341	1.49e-05
50	-1.815	-1.816	33.759	27.172	0.0430	1.86e-05
60	-1.807	-1.808	33.787	27.195	0.0517	2.86e-05
70	-1.790	-1.792	33.839	27.236	0.0601	5.06e-05
80	-1.769	-1.771	33.894	27.281	0.0680	2.28e-05
90	-1.624	-1.626	33.928	27.305	0.0757	4.50e-05
100	-1.036	-1.039	34.016	27.358	0.0830	4.71e-05
110	-0.351	-0.354	34.142	27.431	0.0897	7.64e-05
120	-0.035	-0.039	34.233	27.489	0.0958	3.06e-05
130	0.004	-0.001	34.257	27.507	0.1015	1.25e-05
140	0.083	0.077	34.283	27.524	0.1071	1.59e-05
150	0.208	0.202	34.311	27.540	0.1125	2.35e-05
160	0.362	0.356	34.359	27.569	0.1178	2.47e-05
180	0.589	0.582	34.433	27.615	0.1275	1.01e-05
200	0.750	0.741	34.477	27.641	0.1366	5.16e-06



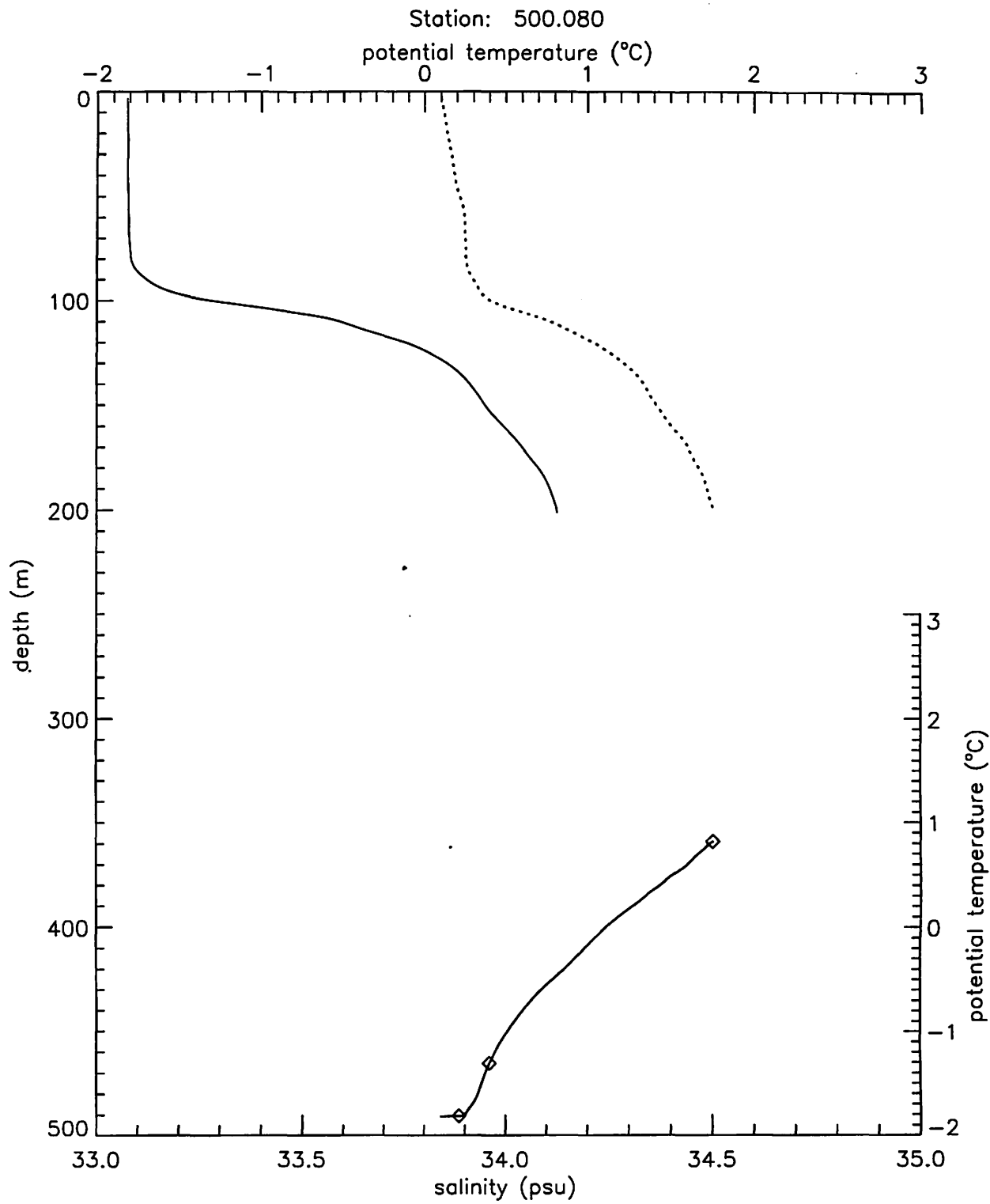
LTER 93c	Station: 500.080 (188)	JulianDay: 250	GMT: 1607
	Latitude: 65° 20.56' S	Longitude: 66° 28.74' W	Depth: 700 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.824	-1.824	33.838	27.237	0.0016	5.25e-06
10	-1.824	-1.824	33.842	27.240	0.0058	5.51e-06
20	-1.822	-1.822	33.849	27.245	0.0139	5.39e-06
30	-1.821	-1.821	33.856	27.251	0.0220	5.45e-06
40	-1.819	-1.820	33.863	27.257	0.0301	5.39e-06
50	-1.815	-1.816	33.870	27.263	0.0381	5.39e-06
60	-1.814	-1.815	33.877	27.269	0.0460	1.01e-05
70	-1.804	-1.805	33.893	27.281	0.0538	6.66e-06
80	-1.784	-1.786	33.897	27.283	0.0616	4.24e-06
90	-1.644	-1.646	33.915	27.295	0.0693	2.79e-05
100	-1.007	-1.010	34.019	27.359	0.0766	7.81e-05
110	-0.471	-0.474	34.131	27.427	0.0833	4.48e-05
120	-0.227	-0.231	34.194	27.467	0.0895	3.90e-05
130	0.100	0.096	34.280	27.520	0.0953	5.39e-05
140	0.352	0.347	34.354	27.566	0.1006	2.78e-05
150	0.449	0.443	34.384	27.584	0.1057	1.75e-05
160	0.565	0.559	34.419	27.606	0.1105	1.73e-05
180	0.680	0.672	34.452	27.626	0.1198	1.19e-05



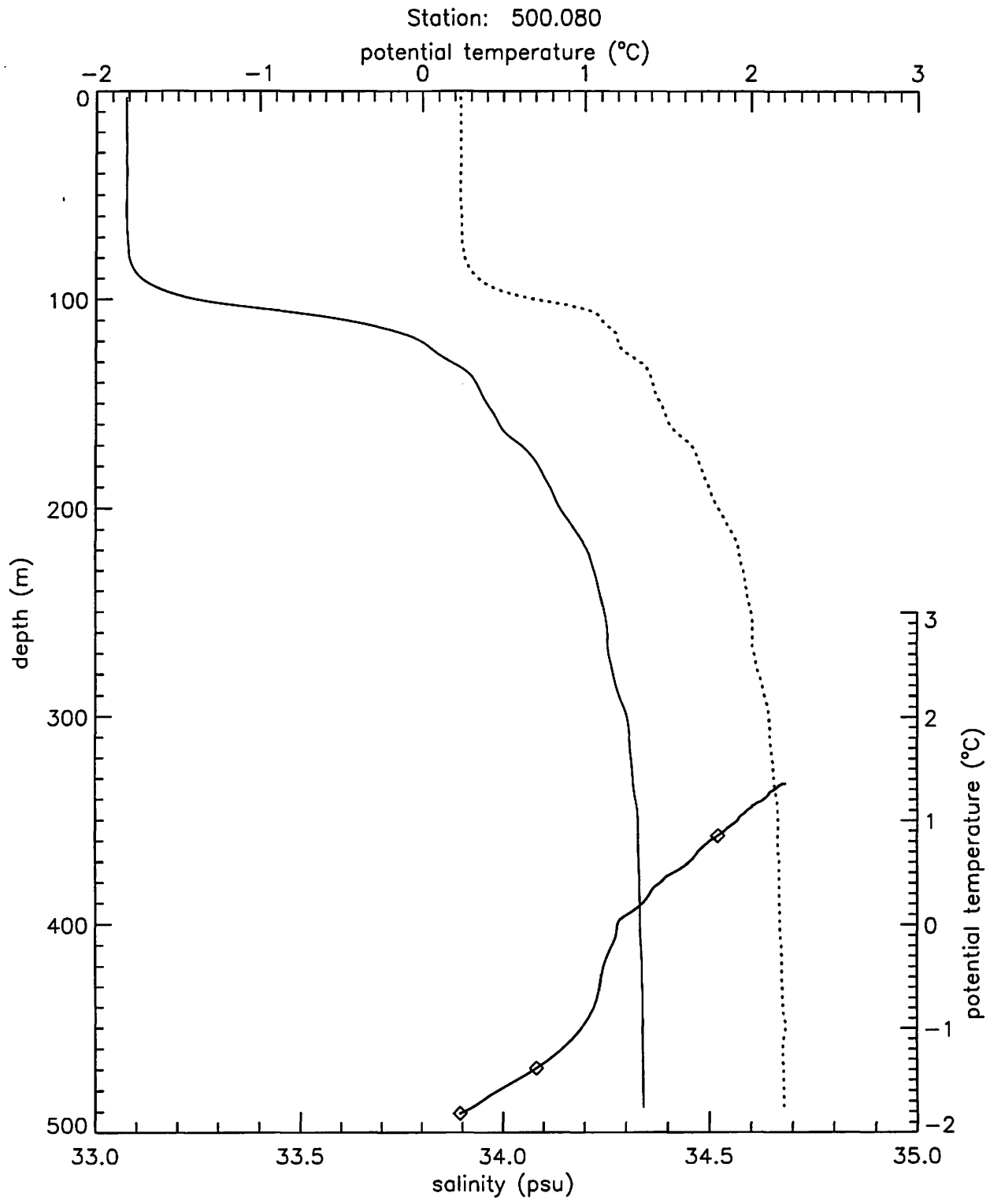
LTER 93c	Station: 500.080 (189)	JulianDay: 250	GMT: 1830
	Latitude: 65° 21.30' S	Longitude: 66° 27.65' W	Depth: 700 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.816	-1.816	33.842	27.240	0.0016	5.04e-06
10	-1.817	-1.817	33.847	27.244	0.0057	7.08e-06
20	-1.815	-1.815	33.855	27.250	0.0139	7.02e-06
30	-1.812	-1.812	33.865	27.258	0.0219	7.75e-06
40	-1.811	-1.812	33.874	27.266	0.0299	6.24e-06
50	-1.810	-1.811	33.886	27.275	0.0378	1.26e-05
60	-1.807	-1.809	33.898	27.285	0.0455	3.88e-06
70	-1.803	-1.805	33.900	27.287	0.0533	1.27e-06
80	-1.790	-1.791	33.902	27.288	0.0610	3.76e-06
90	-1.695	-1.696	33.920	27.300	0.0686	1.67e-05
100	-1.305	-1.308	33.962	27.323	0.0761	5.05e-05
110	-0.519	-0.523	34.110	27.413	0.0831	7.78e-05
120	-0.120	-0.124	34.214	27.478	0.0893	5.24e-05
130	0.144	0.139	34.288	27.524	0.0950	3.82e-05
140	0.287	0.281	34.336	27.555	0.1004	1.94e-05
150	0.380	0.375	34.366	27.574	0.1055	2.06e-05
160	0.496	0.489	34.402	27.596	0.1104	2.43e-05
180	0.713	0.705	34.469	27.637	0.1197	1.41e-05
200	0.825	0.816	34.502	27.657	0.1284	2.43e-06



LTER 93c Station: 500.080 (190) JulianDay: 250 GMT: 2050
 Latitude: 65° 21.36' S Longitude: 66° 27.86' W Depth: 700 m

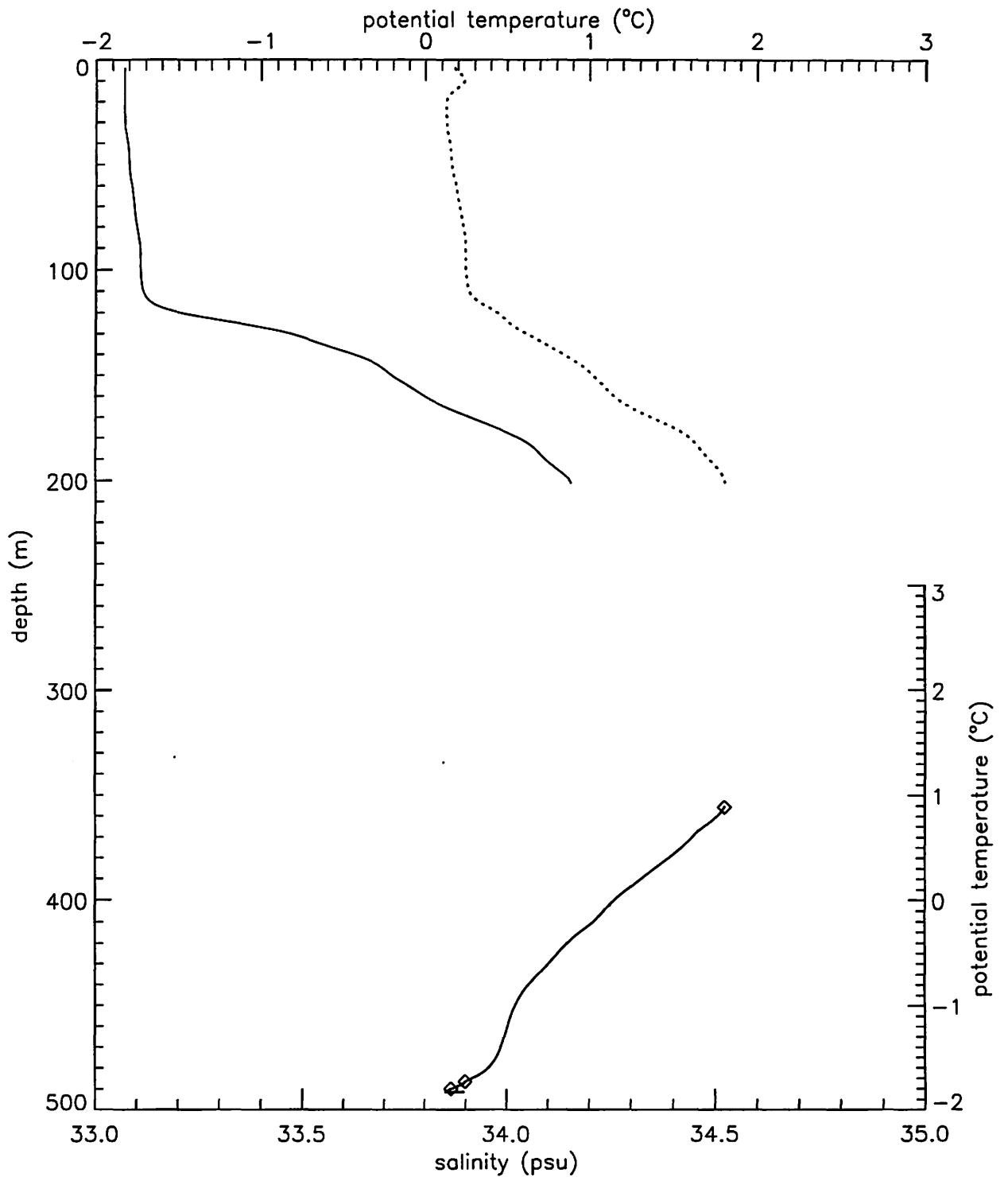
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.817	-1.817	33.893	27.282	0.0016	2.42e-06
10	-1.816	-1.817	33.894	27.282	0.0055	8.48e-07
20	-1.815	-1.815	33.894	27.282	0.0133	0.00e+00
30	-1.813	-1.813	33.894	27.282	0.0210	6.66e-07
40	-1.810	-1.811	33.894	27.282	0.0288	-8.48e-07
50	-1.813	-1.814	33.894	27.282	0.0366	8.48e-07
60	-1.813	-1.814	33.896	27.284	0.0444	7.27e-07
70	-1.808	-1.809	33.898	27.285	0.0521	2.06e-06
80	-1.794	-1.796	33.905	27.290	0.0598	1.31e-05
90	-1.719	-1.721	33.939	27.316	0.0674	4.77e-05
100	-1.384	-1.387	34.083	27.424	0.0744	1.50e-04
110	-0.465	-0.469	34.242	27.517	0.0802	1.38e-05
120	-0.006	-0.011	34.279	27.525	0.0857	7.28e-06
130	0.187	0.182	34.334	27.559	0.0911	3.51e-05
140	0.340	0.335	34.364	27.574	0.0961	6.79e-06
150	0.408	0.402	34.383	27.586	0.1011	1.33e-05
160	0.484	0.477	34.404	27.599	0.1060	2.12e-05
180	0.729	0.722	34.479	27.644	0.1151	8.98e-06
200	0.859	0.850	34.521	27.670	0.1237	1.59e-05
220	1.028	1.018	34.571	27.699	0.1317	5.28e-06
240	1.100	1.089	34.590	27.710	0.1394	4.13e-06
260	1.148	1.136	34.603	27.717	0.1470	-4.86e-07
280	1.187	1.173	34.619	27.728	0.1544	8.81e-06
300	1.269	1.255	34.643	27.741	0.1616	1.70e-06
320	1.296	1.281	34.651	27.746	0.1687	3.77e-06
340	1.324	1.308	34.662	27.753	0.1757	3.04e-06
360	1.343	1.325	34.665	27.754	0.1826	7.29e-07
380	1.351	1.332	34.668	27.756	0.1895	-1.82e-07
400	1.356	1.336	34.669	27.757	0.1964	1.34e-06
420	1.368	1.347	34.675	27.760	0.2032	-2.43e-07
440	1.373	1.351	34.677	27.762	0.2101	3.77e-06
460	1.376	1.352	34.678	27.762	0.2168	-1.52e-06
480	1.377	1.352	34.679	27.763	0.2236	6.09e-08



LTER 93c	Station: 500.060 (199)	JulianDay: 251	GMT: 1326
	Latitude: 65° 28.91' S	Longitude: 66° 11.34' W	Depth: 300 m

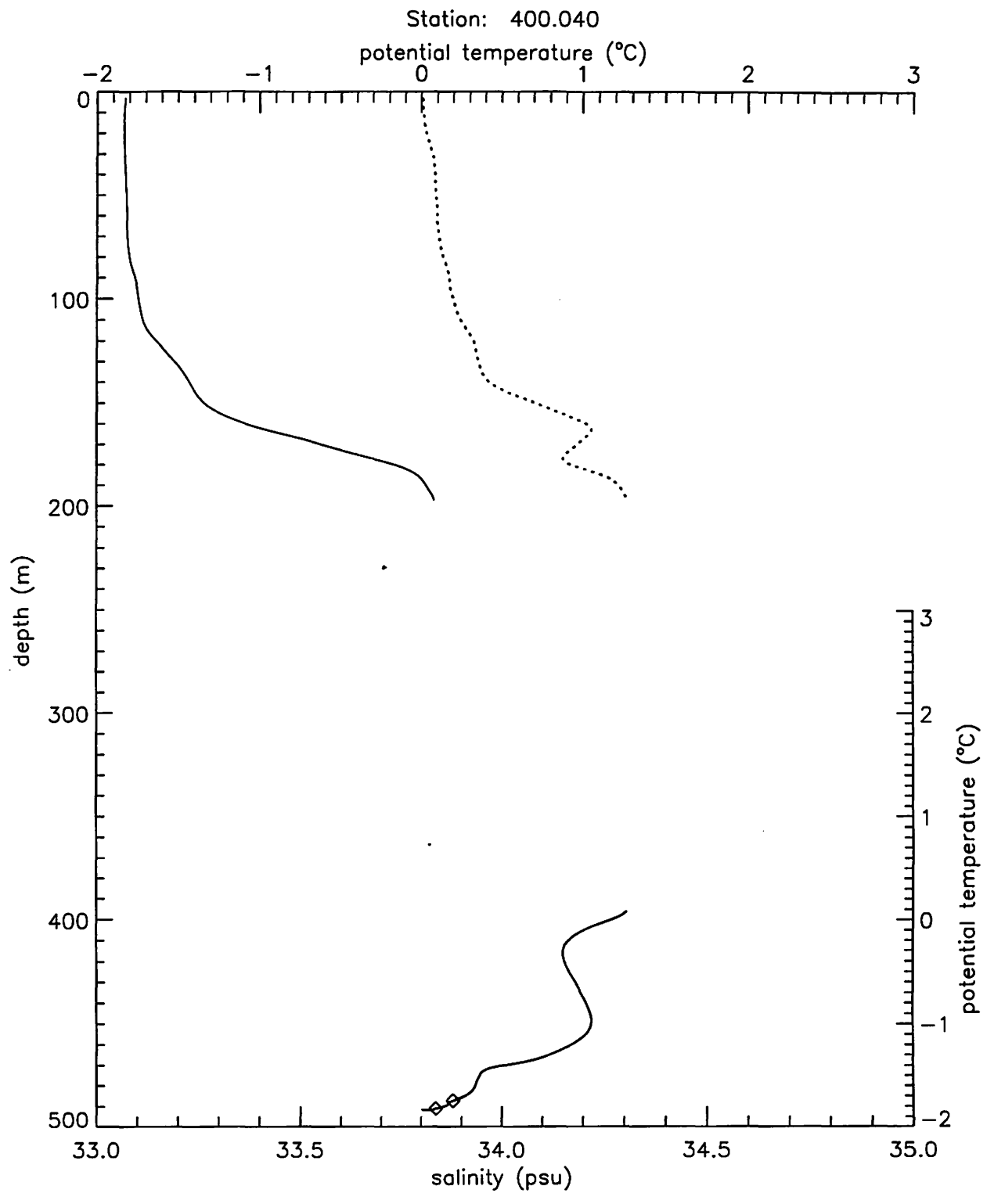
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.827	-1.827	33.875	27.267	0.0008	3.12e-05
10	-1.829	-1.829	33.896	27.284	0.0047	-6.24e-06
20	-1.828	-1.828	33.851	27.248	0.0127	-1.24e-05
30	-1.825	-1.825	33.852	27.248	0.0208	2.91e-06
40	-1.806	-1.807	33.860	27.254	0.0289	5.81e-06
50	-1.798	-1.799	33.864	27.257	0.0369	4.54e-06
60	-1.783	-1.784	33.875	27.266	0.0449	7.27e-06
70	-1.766	-1.768	33.884	27.273	0.0527	7.39e-06
80	-1.750	-1.752	33.893	27.280	0.0606	5.69e-06
90	-1.732	-1.734	33.898	27.283	0.0683	1.27e-06
100	-1.727	-1.729	33.899	27.284	0.0760	2.18e-06
110	-1.710	-1.712	33.908	27.291	0.0837	2.18e-05
120	-1.489	-1.491	33.977	27.341	0.0912	4.14e-05
130	-0.814	-0.818	34.050	27.376	0.0982	4.77e-05
140	-0.430	-0.434	34.140	27.433	0.1048	5.02e-05
150	-0.201	-0.206	34.210	27.479	0.1109	3.17e-05
160	0.001	-0.005	34.260	27.509	0.1167	3.62e-05
180	0.583	0.575	34.441	27.622	0.1269	3.40e-05
200	0.894	0.885	34.523	27.669	0.1357	6.68e-06

Station: 500.060



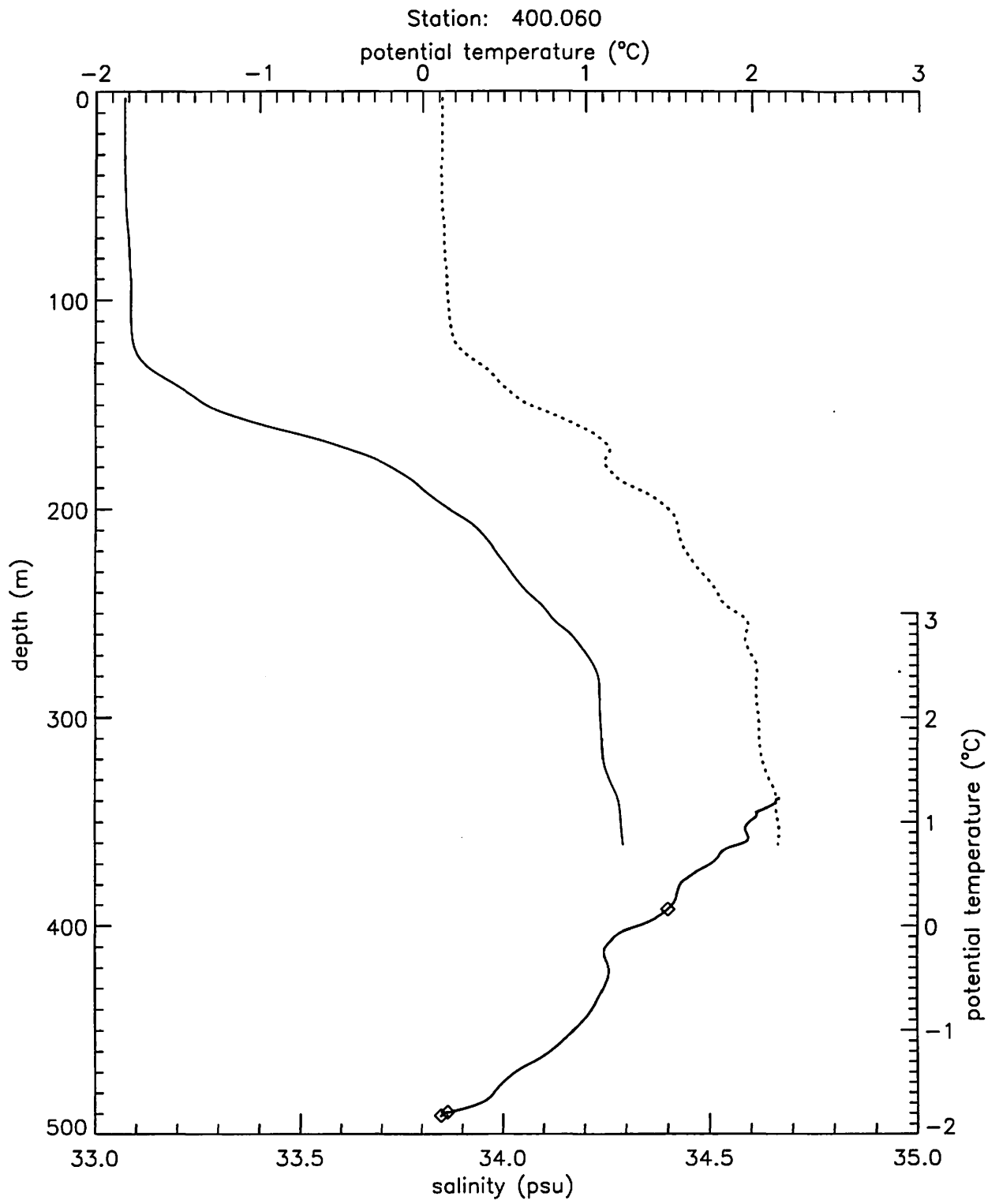
LTER 93c	Station: 400.040 (203)	JulianDay: 252	GMT: 1349
	Latitude: 66° 15.36' S	Longitude: 67° 20.20' W	Depth: 180 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.828	-1.828	33.803	27.208	0.0017	0.00e+00
10	-1.833	-1.833	33.805	27.210	0.0059	3.27e-06
20	-1.835	-1.836	33.812	27.216	0.0144	1.02e-05
30	-1.830	-1.831	33.827	27.228	0.0228	9.14e-06
40	-1.823	-1.824	33.834	27.233	0.0310	2.24e-06
50	-1.819	-1.820	33.836	27.235	0.0392	2.24e-06
60	-1.816	-1.817	33.839	27.237	0.0474	1.39e-06
70	-1.812	-1.813	33.844	27.241	0.0556	6.06e-06
80	-1.799	-1.801	33.854	27.249	0.0637	1.19e-05
90	-1.765	-1.767	33.869	27.260	0.0717	5.27e-06
100	-1.742	-1.744	33.879	27.268	0.0796	1.18e-05
110	-1.715	-1.717	33.898	27.283	0.0874	1.98e-05
120	-1.631	-1.634	33.930	27.307	0.0950	1.38e-05
130	-1.517	-1.520	33.943	27.314	0.1025	7.52e-06
140	-1.426	-1.429	33.971	27.334	0.1099	4.98e-05
150	-1.336	-1.339	34.088	27.426	0.1167	9.97e-05
160	-1.072	-1.076	34.213	27.518	0.1226	3.17e-05
180	-0.155	-0.161	34.177	27.450	0.1344	5.59e-05



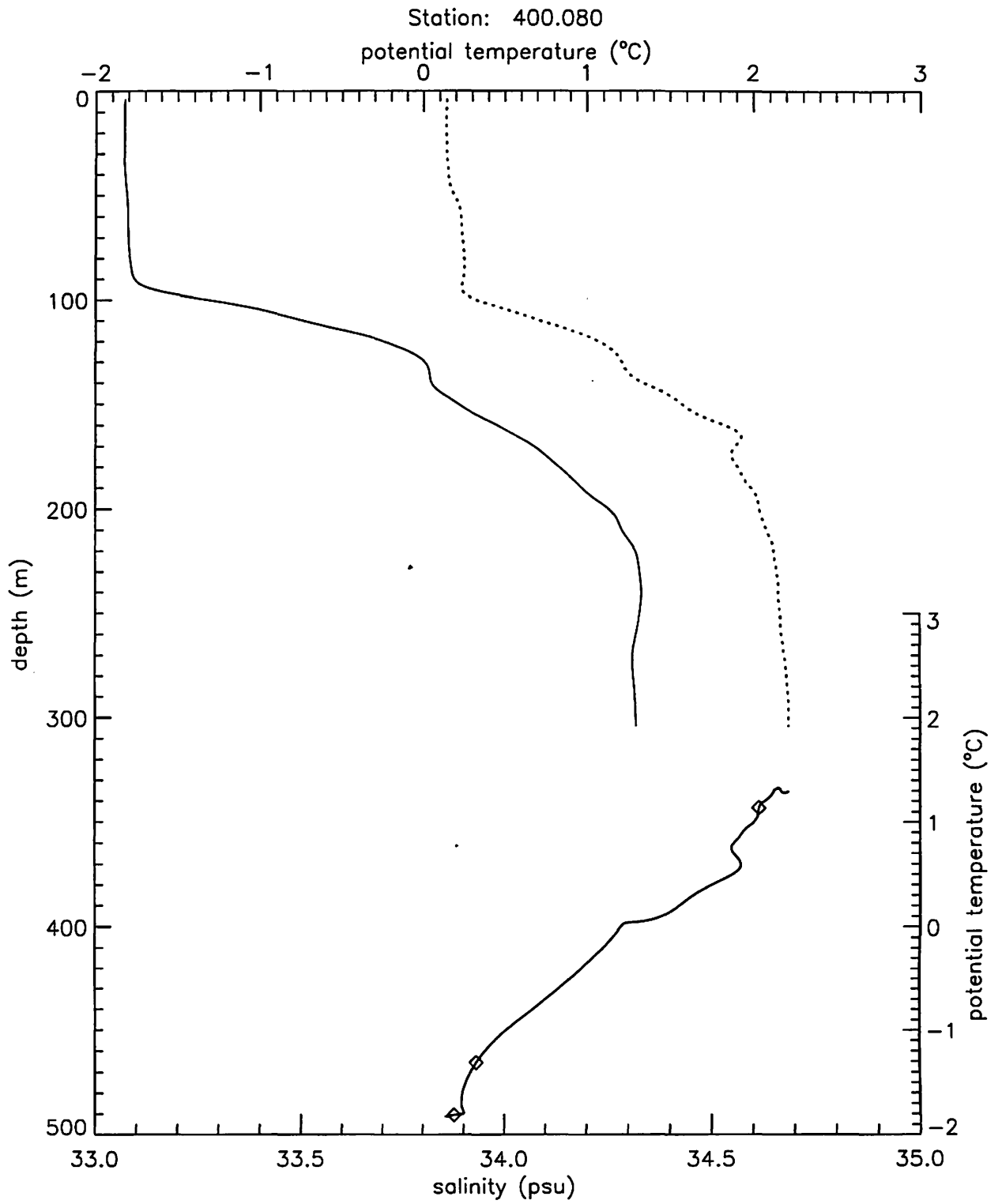
LTER 93c	Station: 400.060 (210)	JulianDay: 252	GMT: 1805
	Latitude: 66° 7.80' S	Longitude: 67° 39.21' W	Depth: 360 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.824	-1.824	33.847	27.244	0.0016	0.00e+00
10	-1.826	-1.826	33.847	27.244	0.0057	1.21e-07
20	-1.825	-1.826	33.847	27.244	0.0139	0.00e+00
30	-1.824	-1.824	33.847	27.244	0.0220	-9.08e-07
40	-1.820	-1.821	33.846	27.244	0.0302	6.66e-07
50	-1.816	-1.817	33.847	27.244	0.0383	7.27e-07
60	-1.810	-1.812	33.851	27.247	0.0464	3.75e-06
70	-1.798	-1.800	33.853	27.248	0.0545	4.85e-07
80	-1.792	-1.793	33.856	27.250	0.0626	2.91e-06
90	-1.785	-1.786	33.860	27.254	0.0706	2.24e-06
100	-1.782	-1.784	33.863	27.256	0.0786	3.09e-06
110	-1.782	-1.784	33.868	27.260	0.0866	5.39e-06
120	-1.771	-1.773	33.880	27.269	0.0945	2.35e-05
130	-1.701	-1.703	33.940	27.317	0.1021	5.09e-05
140	-1.511	-1.515	33.996	27.357	0.1093	3.30e-05
150	-1.318	-1.321	34.065	27.407	0.1161	7.19e-05
160	-0.945	-0.950	34.186	27.492	0.1222	6.13e-05
180	-0.188	-0.194	34.252	27.512	0.1333	7.04e-06
200	0.171	0.164	34.400	27.613	0.1436	2.73e-05
220	0.462	0.453	34.442	27.630	0.1528	1.65e-05
240	0.663	0.653	34.518	27.680	0.1614	1.57e-05
260	0.926	0.914	34.586	27.718	0.1690	-1.21e-05
280	1.093	1.080	34.613	27.729	0.1764	-3.16e-06
300	1.109	1.094	34.617	27.731	0.1837	2.61e-06
320	1.127	1.112	34.626	27.737	0.1909	7.84e-06
340	1.219	1.203	34.659	27.758	0.1979	-6.08e-08
360	1.247	1.229	34.664	27.760	0.2046	-4.26e-06



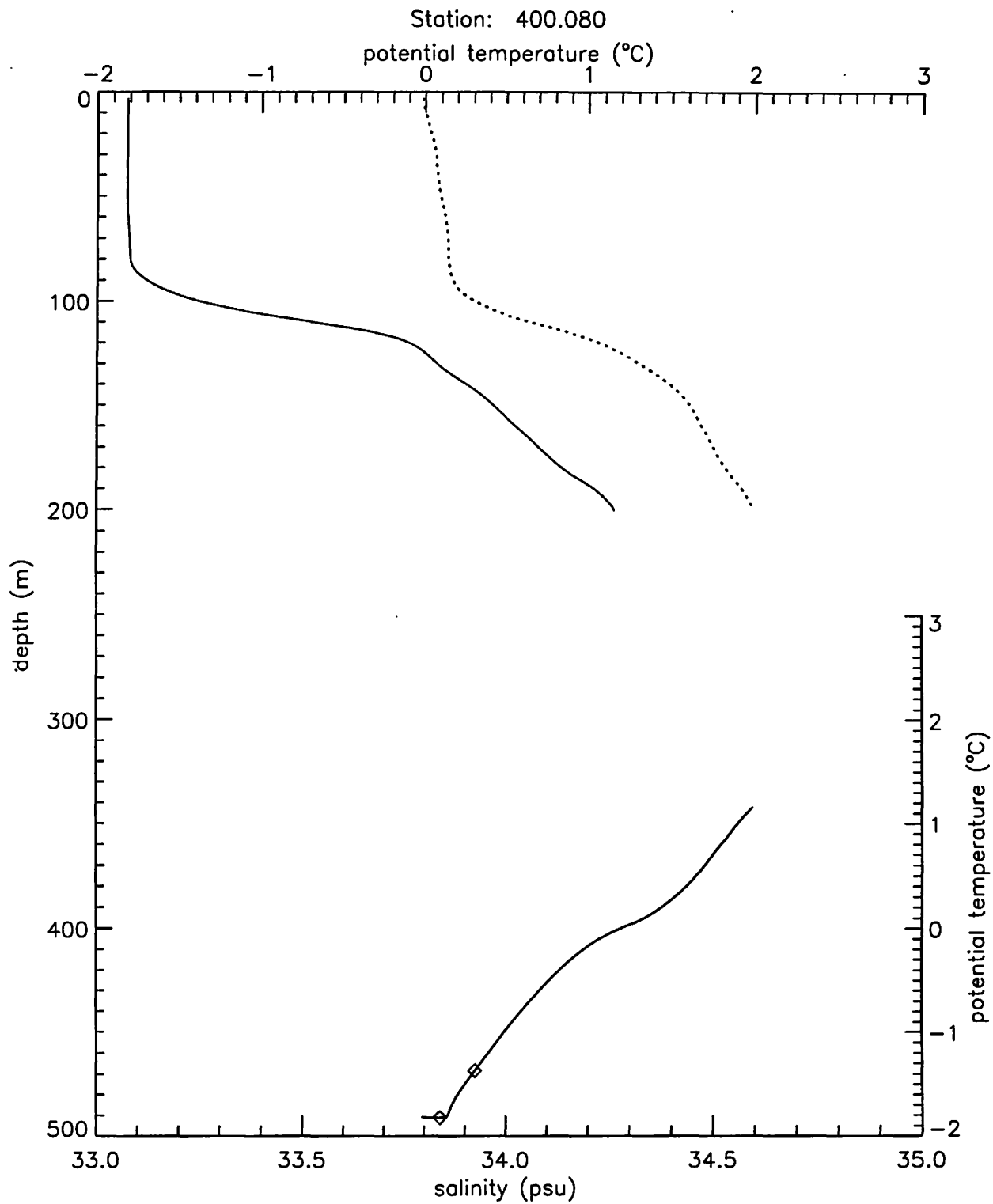
LTER 93c	Station: 400.080 (217)	JulianDay: 253	GMT: 0950
	Latitude: 66° 0.32' S	Longitude: 67° 58.51' W	Depth: 320 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.824	-1.824	33.857	27.252	0.0008	0.00e+00
10	-1.826	-1.826	33.856	27.252	0.0049	-6.66e-07
20	-1.826	-1.826	33.856	27.252	0.0129	6.66e-07
30	-1.825	-1.825	33.858	27.253	0.0210	2.24e-06
40	-1.820	-1.821	33.862	27.256	0.0290	4.54e-06
50	-1.808	-1.809	33.877	27.268	0.0370	1.70e-05
60	-1.803	-1.804	33.893	27.281	0.0449	4.54e-06
70	-1.800	-1.802	33.896	27.284	0.0526	3.88e-06
80	-1.789	-1.791	33.901	27.287	0.0603	1.15e-06
90	-1.760	-1.761	33.899	27.284	0.0680	-7.82e-06
100	-1.308	-1.310	33.932	27.299	0.0758	6.99e-05
110	-0.732	-0.735	34.091	27.406	0.0829	1.00e-04
120	-0.239	-0.243	34.231	27.498	0.0890	5.61e-05
130	0.017	0.013	34.286	27.529	0.0946	1.93e-05
140	0.057	0.052	34.339	27.570	0.0999	6.68e-05
150	0.225	0.219	34.430	27.634	0.1046	4.70e-05
160	0.465	0.458	34.532	27.703	0.1088	6.40e-05
180	0.848	0.840	34.564	27.705	0.1163	1.20e-05
200	1.145	1.135	34.614	27.726	0.1237	-4.25e-07
220	1.307	1.296	34.650	27.744	0.1309	2.97e-06
240	1.343	1.332	34.661	27.751	0.1378	1.52e-06
260	1.310	1.298	34.668	27.758	0.1447	6.56e-06
280	1.297	1.283	34.681	27.770	0.1513	2.55e-06
300	1.311	1.296	34.685	27.772	0.1578	0.00e+00



LTER 93c	Station: 400.080 (221)	JulianDay: 253	GMT: 1612
	Latitude: 66° 0.35' S	Longitude: 67° 58.18' W	Depth: 320 m

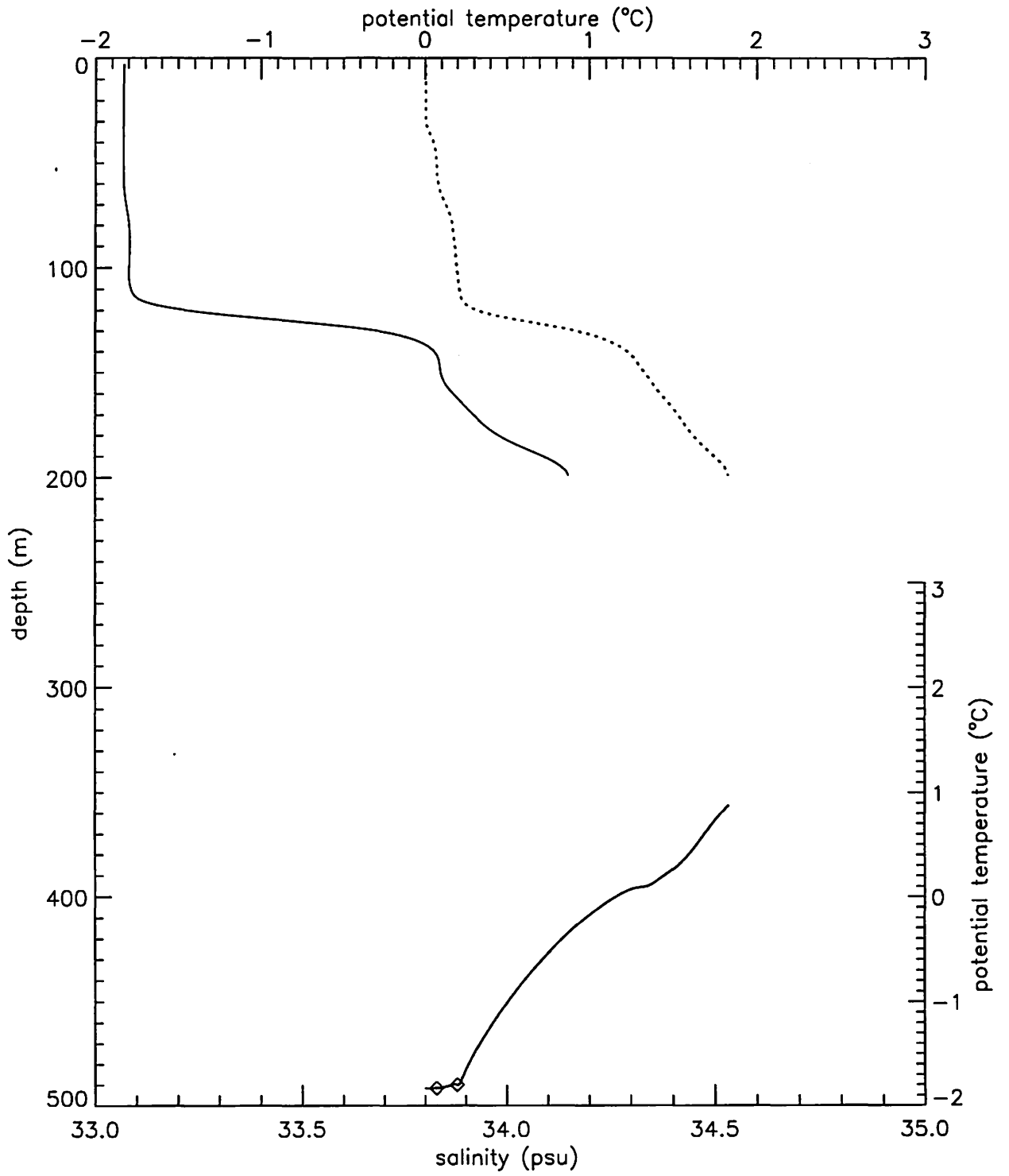
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.817	-1.817	33.795	27.201	0.0017	2.82e-06
10	-1.817	-1.817	33.800	27.206	0.0060	9.38e-06
20	-1.820	-1.820	33.813	27.217	0.0145	1.11e-05
30	-1.820	-1.820	33.826	27.227	0.0228	5.39e-06
40	-1.819	-1.820	33.830	27.230	0.0311	4.72e-06
50	-1.818	-1.819	33.838	27.237	0.0393	7.75e-06
60	-1.813	-1.814	33.848	27.245	0.0475	6.72e-06
70	-1.803	-1.804	33.856	27.251	0.0556	3.09e-06
80	-1.798	-1.799	33.857	27.252	0.0636	1.51e-06
90	-1.696	-1.698	33.868	27.258	0.0716	1.54e-05
100	-1.366	-1.369	33.925	27.295	0.0795	5.73e-05
110	-0.682	-0.685	34.063	27.381	0.0867	1.02e-04
120	-0.097	-0.101	34.228	27.488	0.0930	8.11e-05
130	0.082	0.077	34.325	27.557	0.0985	5.57e-05
140	0.265	0.259	34.397	27.605	0.1035	3.67e-05
150	0.427	0.421	34.443	27.633	0.1081	1.80e-05
160	0.566	0.560	34.473	27.649	0.1125	1.35e-05
180	0.854	0.847	34.530	27.678	0.1209	1.54e-05
200	1.167	1.157	34.596	27.710	0.1288	1.15e-05



LTER 93c	Station: 400.080 (224)	JulianDay: 253	GMT: 1909
	Latitude: 66° 0.36' S	Longitude: 67° 58.18' W	Depth: 320 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.827	-1.827	33.801	27.207	0.0017	4.04e-07
10	-1.829	-1.829	33.801	27.207	0.0060	0.00e+00
20	-1.830	-1.830	33.801	27.207	0.0145	0.00e+00
30	-1.830	-1.830	33.801	27.207	0.0230	7.87e-06
40	-1.829	-1.829	33.821	27.223	0.0314	1.18e-05
50	-1.828	-1.829	33.828	27.229	0.0397	3.03e-06
60	-1.827	-1.828	33.832	27.232	0.0479	7.75e-06
70	-1.814	-1.815	33.852	27.248	0.0561	1.67e-05
80	-1.794	-1.795	33.868	27.260	0.0641	6.60e-06
90	-1.791	-1.792	33.874	27.265	0.0720	3.88e-06
100	-1.795	-1.797	33.879	27.269	0.0799	4.85e-06
110	-1.783	-1.785	33.885	27.274	0.0878	5.15e-06
120	-1.449	-1.452	33.927	27.299	0.0955	8.07e-05
130	-0.278	-0.282	34.168	27.449	0.1024	1.29e-04
140	0.064	0.059	34.293	27.533	0.1082	4.38e-05
150	0.101	0.096	34.333	27.563	0.1134	2.60e-05
160	0.181	0.175	34.370	27.589	0.1185	2.55e-05
180	0.463	0.456	34.449	27.636	0.1278	1.94e-05

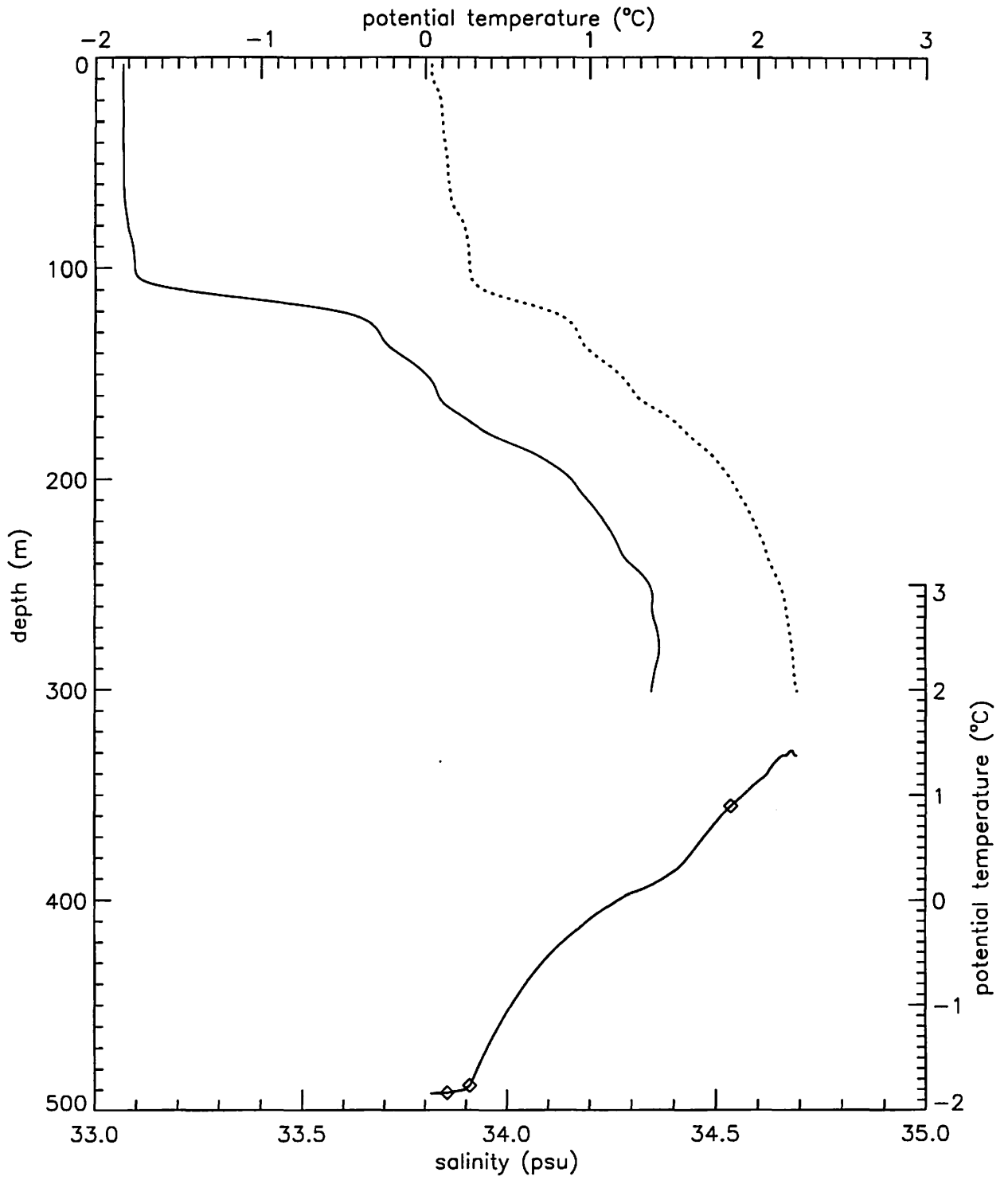
Station: 400.080



LTER 93c	Station: 400.080 (225)	JulianDay: 253	GMT: 2129
	Latitude: 66° 0.28' S	Longitude: 67° 58.51' W	Depth: 320 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.834	-1.834	33.815	27.218	0.0017	-2.42e-06
10	-1.834	-1.834	33.817	27.220	0.0059	1.10e-05
20	-1.832	-1.833	33.837	27.236	0.0142	7.75e-06
30	-1.832	-1.832	33.842	27.240	0.0224	3.87e-06
40	-1.830	-1.831	33.848	27.245	0.0305	5.45e-06
50	-1.829	-1.830	33.854	27.250	0.0386	4.00e-06
60	-1.827	-1.828	33.858	27.253	0.0467	3.88e-06
70	-1.819	-1.820	33.868	27.261	0.0547	1.67e-05
80	-1.799	-1.801	33.896	27.283	0.0625	1.42e-05
90	-1.770	-1.771	33.906	27.290	0.0702	4.18e-06
100	-1.758	-1.760	33.909	27.293	0.0779	2.79e-06
110	-1.490	-1.493	33.941	27.312	0.0855	5.51e-05
120	-0.528	-0.532	34.103	27.407	0.0925	7.80e-05
130	-0.279	-0.283	34.171	27.451	0.0989	1.97e-05
140	-0.159	-0.164	34.208	27.475	0.1049	3.55e-05
150	0.010	0.005	34.271	27.517	0.1107	3.36e-05
160	0.085	0.079	34.311	27.546	0.1161	3.45e-05
180	0.445	0.438	34.442	27.631	0.1258	2.61e-05
200	0.901	0.892	34.536	27.679	0.1344	1.66e-05
220	1.100	1.090	34.590	27.710	0.1423	1.25e-05
240	1.254	1.243	34.629	27.731	0.1497	7.53e-06
260	1.385	1.372	34.667	27.752	0.1567	5.83e-06
280	1.431	1.417	34.682	27.761	0.1635	4.07e-06
300	1.385	1.370	34.692	27.772	0.1702	8.81e-06

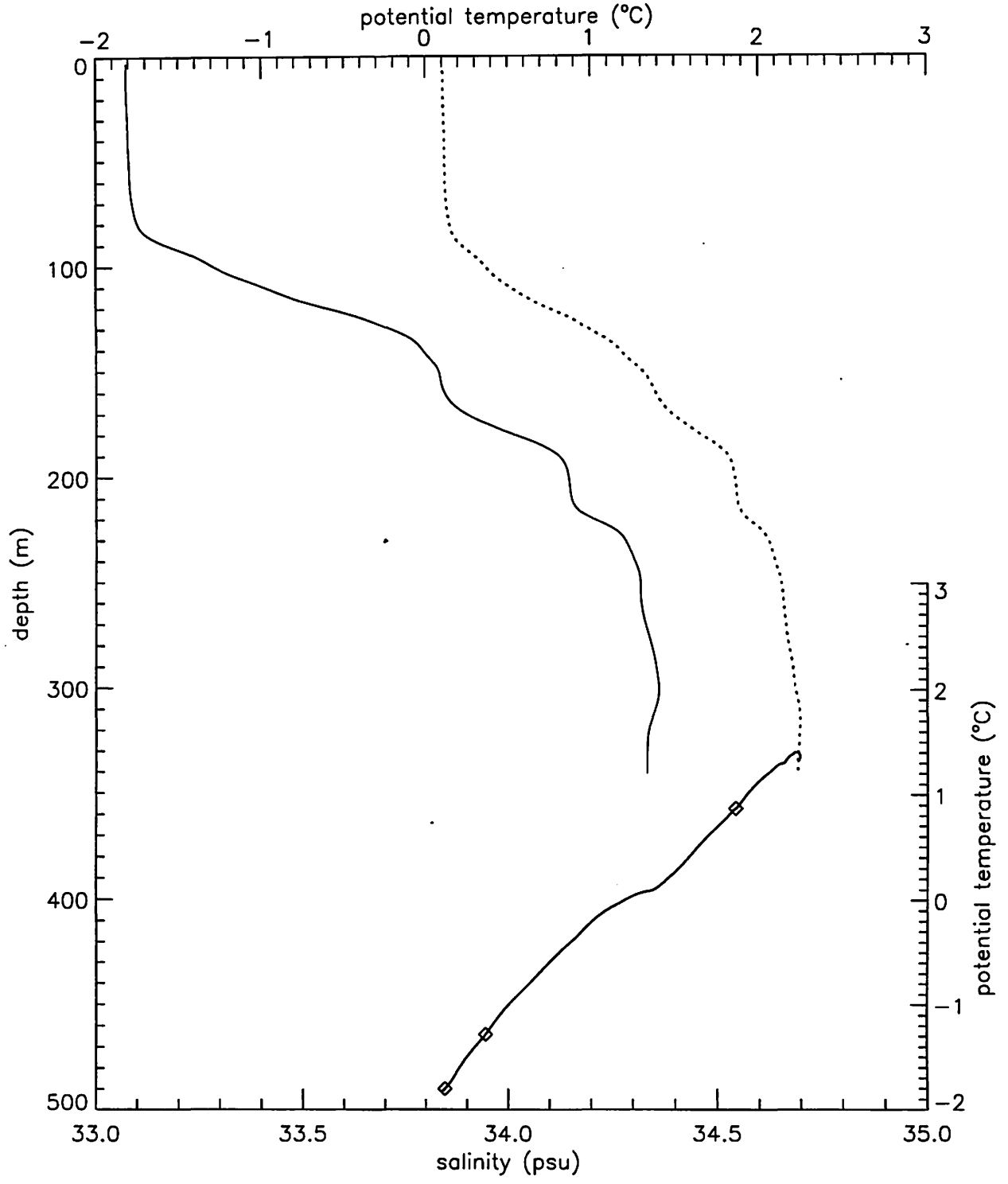
Station: 400.080



LTER 93c	Station: 400.100 (235)	JulianDay: 254	GMT: 1428
	Latitude: 65° 52.02' S	Longitude: 68° 17.42' W	Depth: 340 m

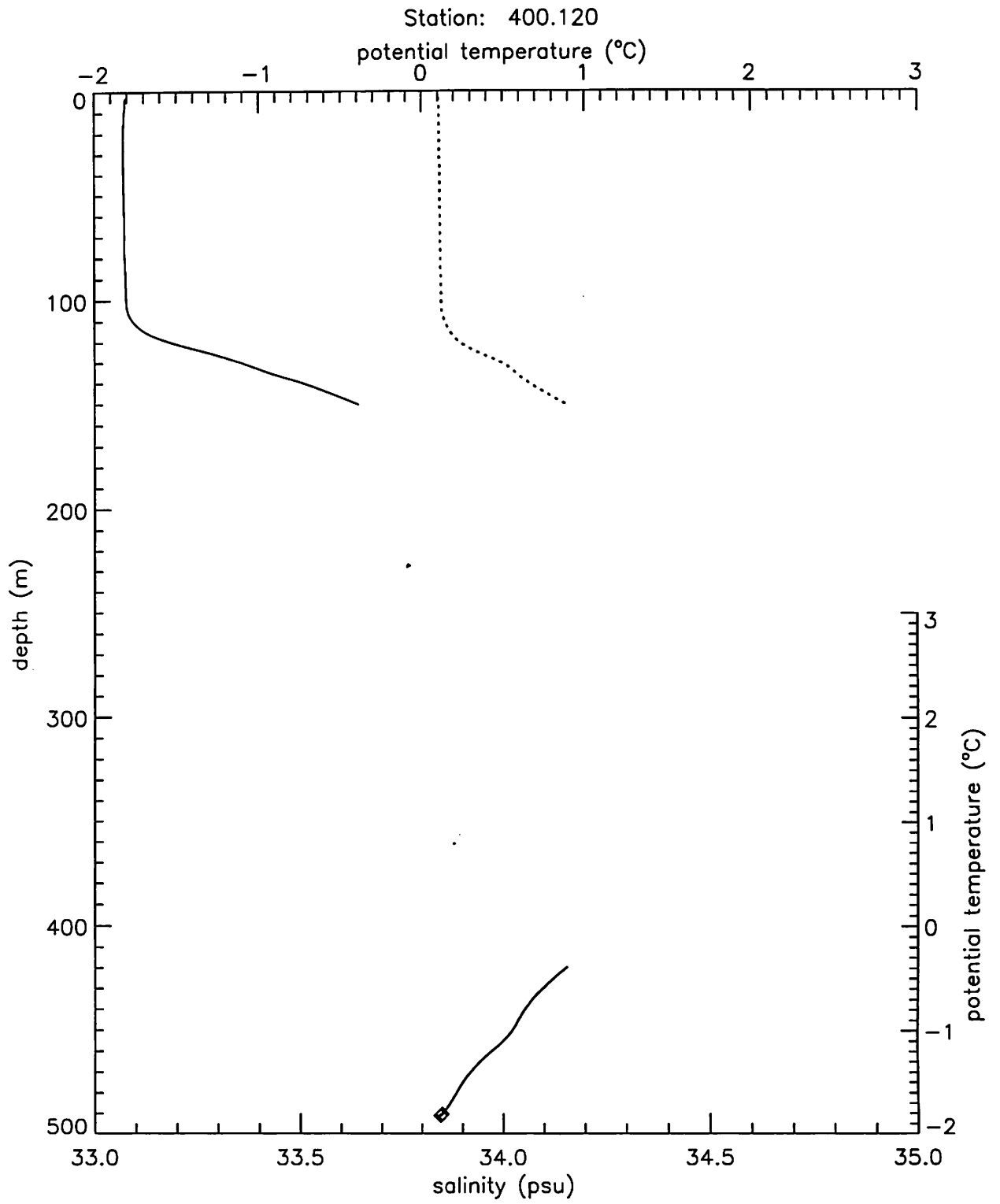
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.813	-1.813	33.841	27.239	0.0016	5.04e-06
10	-1.813	-1.813	33.843	27.241	0.0057	1.63e-06
20	-1.810	-1.810	33.844	27.241	0.0139	7.26e-07
30	-1.804	-1.805	33.845	27.242	0.0221	6.66e-07
40	-1.803	-1.804	33.846	27.243	0.0303	7.27e-07
50	-1.797	-1.798	33.846	27.243	0.0384	7.27e-07
60	-1.792	-1.793	33.847	27.243	0.0465	5.45e-07
70	-1.778	-1.779	33.850	27.246	0.0547	3.45e-06
80	-1.744	-1.746	33.858	27.251	0.0627	8.84e-06
90	-1.558	-1.560	33.888	27.270	0.0707	3.24e-05
100	-1.279	-1.282	33.945	27.308	0.0784	3.10e-05
110	-0.968	-0.971	34.008	27.348	0.0857	4.77e-05
120	-0.581	-0.584	34.102	27.409	0.0926	6.52e-05
130	-0.205	-0.209	34.200	27.470	0.0989	5.14e-05
140	-0.014	-0.019	34.272	27.519	0.1046	3.64e-05
150	0.083	0.078	34.326	27.558	0.1100	3.20e-05
160	0.120	0.114	34.355	27.580	0.1150	1.78e-05
180	0.566	0.559	34.467	27.644	0.1245	3.85e-05
200	0.876	0.867	34.543	27.687	0.1327	4.67e-06
220	1.047	1.037	34.578	27.703	0.1407	2.35e-05
240	1.277	1.265	34.640	27.738	0.1480	8.87e-06
260	1.313	1.300	34.659	27.751	0.1550	2.61e-06
280	1.377	1.363	34.672	27.757	0.1618	4.37e-06
300	1.419	1.404	34.687	27.766	0.1686	6.93e-06
320	1.356	1.340	34.696	27.778	0.1751	2.43e-07
340	1.349	1.332	34.692	27.775	0.1815	0.00e+00

Station: 400.100



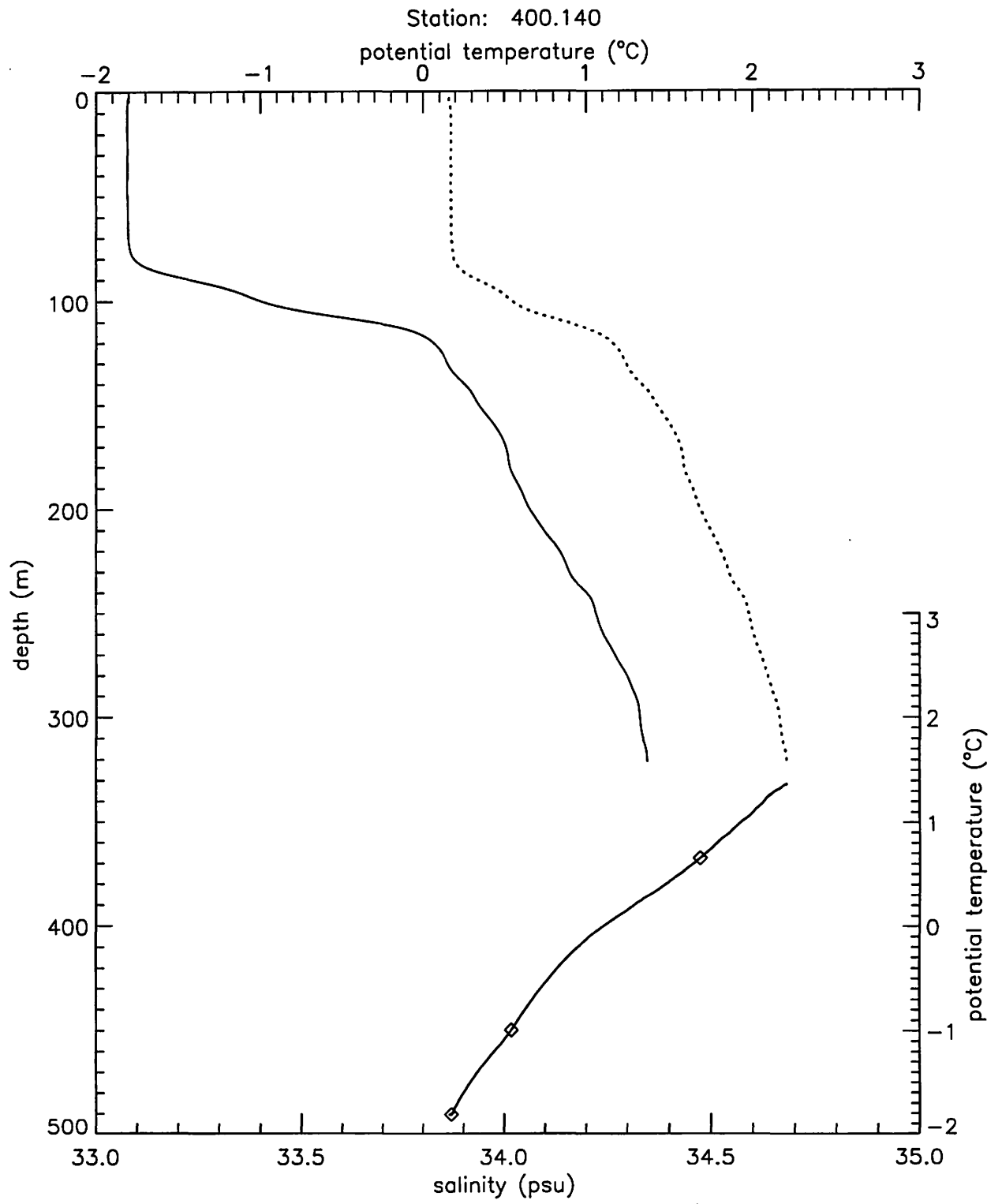
LTER 93c	Station: 400.120 (242)	JulianDay: 254	GMT: 1745
	Latitude: 65° 45.06' S	Longitude: 68° 35.36' W	Depth: 350 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.812	-1.812	33.842	27.240	0.0016	2.42e-06
10	-1.816	-1.816	33.843	27.241	0.0057	1.82e-06
20	-1.822	-1.822	33.844	27.242	0.0139	0.00e+00
30	-1.821	-1.822	33.844	27.242	0.0221	7.87e-07
40	-1.821	-1.821	33.845	27.242	0.0302	0.00e+00
50	-1.820	-1.821	33.845	27.242	0.0384	-1.21e-07
60	-1.816	-1.817	33.846	27.243	0.0465	6.66e-07
70	-1.814	-1.816	33.846	27.243	0.0547	-6.06e-08
80	-1.813	-1.814	33.847	27.244	0.0628	7.27e-07
90	-1.808	-1.810	33.848	27.245	0.0709	6.06e-07
100	-1.803	-1.805	33.849	27.245	0.0790	1.21e-06
110	-1.762	-1.764	33.857	27.251	0.0871	1.35e-05
120	-1.531	-1.534	33.895	27.276	0.0950	4.24e-05
130	-1.101	-1.105	33.999	27.346	0.1025	5.81e-05
140	-0.715	-0.719	34.068	27.387	0.1094	4.29e-05
150	-0.384	-0.389	34.157	27.444	0.1159	6.24e-05



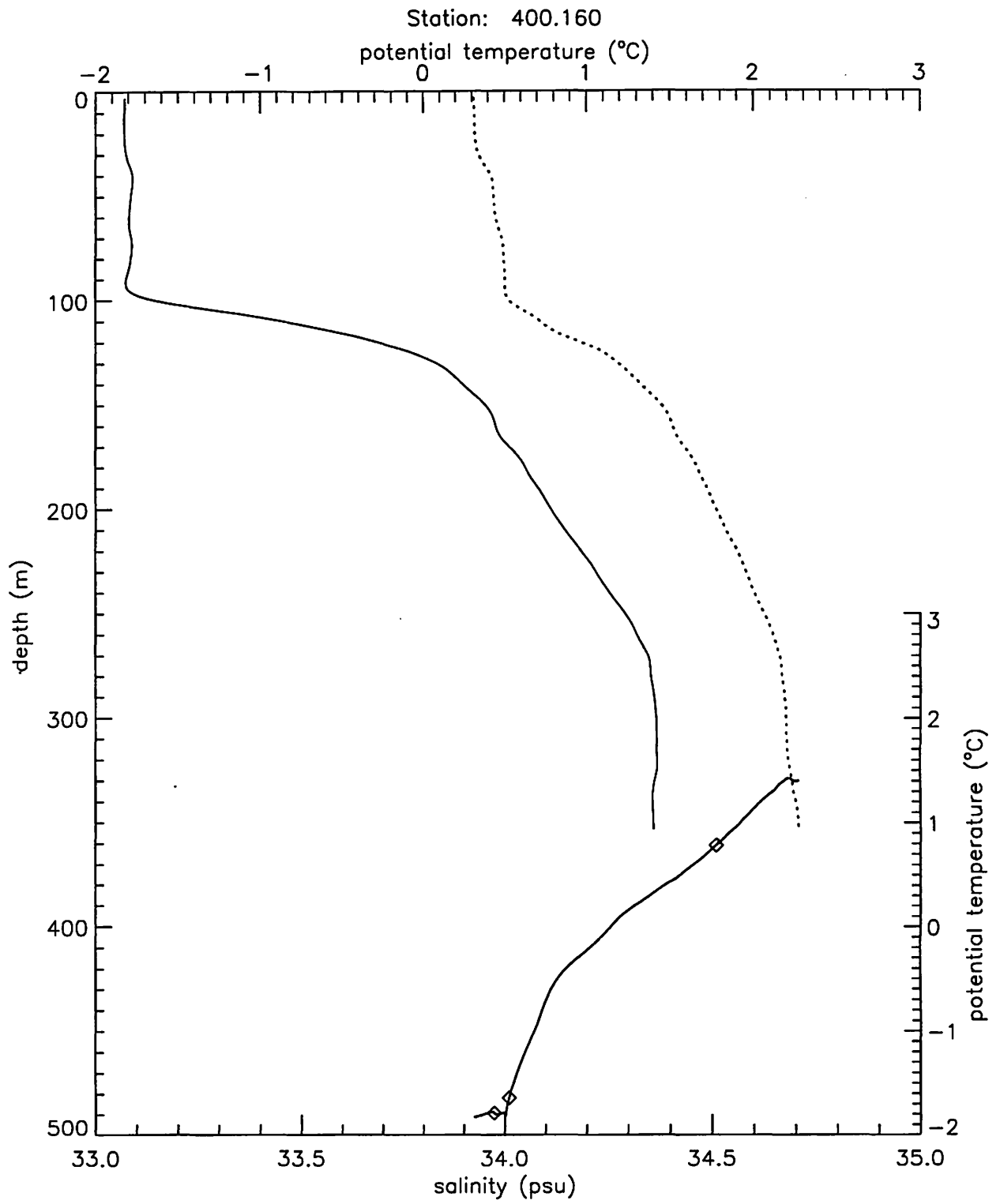
LTER 93c	Station: 400.140 (265)	JulianDay: 255	GMT: 1258
	Latitude: 65° 37.39' S	Longitude: 68° 53.89' W	Depth: 360 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.808	-1.808	33.865	27.258	0.0016	5.45e-06
10	-1.810	-1.810	33.869	27.261	0.0056	3.21e-06
20	-1.809	-1.809	33.869	27.262	0.0136	0.00e+00
30	-1.808	-1.809	33.869	27.262	0.0216	7.87e-07
40	-1.808	-1.808	33.870	27.262	0.0295	-7.27e-07
50	-1.807	-1.808	33.870	27.262	0.0375	7.27e-07
60	-1.804	-1.806	33.870	27.262	0.0455	0.00e+00
70	-1.801	-1.803	33.871	27.263	0.0534	2.00e-06
80	-1.766	-1.767	33.876	27.266	0.0613	9.51e-06
90	-1.409	-1.411	33.932	27.302	0.0691	5.71e-05
100	-0.989	-0.992	34.018	27.357	0.0764	4.59e-05
110	-0.326	-0.329	34.147	27.434	0.0832	8.97e-05
120	0.062	0.058	34.262	27.507	0.0891	3.90e-05
130	0.154	0.149	34.297	27.531	0.0946	1.76e-05
140	0.260	0.255	34.334	27.555	0.1000	2.74e-05
150	0.349	0.343	34.370	27.579	0.1051	1.98e-05
160	0.448	0.442	34.404	27.601	0.1100	1.79e-05
180	0.543	0.535	34.436	27.621	0.1193	6.25e-06
200	0.664	0.655	34.474	27.644	0.1283	1.17e-05
220	0.849	0.839	34.524	27.673	0.1369	1.30e-05
240	1.014	1.003	34.572	27.701	0.1449	1.68e-05
260	1.116	1.104	34.602	27.718	0.1525	6.68e-06
280	1.259	1.246	34.636	27.736	0.1598	7.84e-06
300	1.338	1.323	34.664	27.753	0.1669	3.65e-06
320	1.384	1.368	34.681	27.764	0.1737	3.65e-06



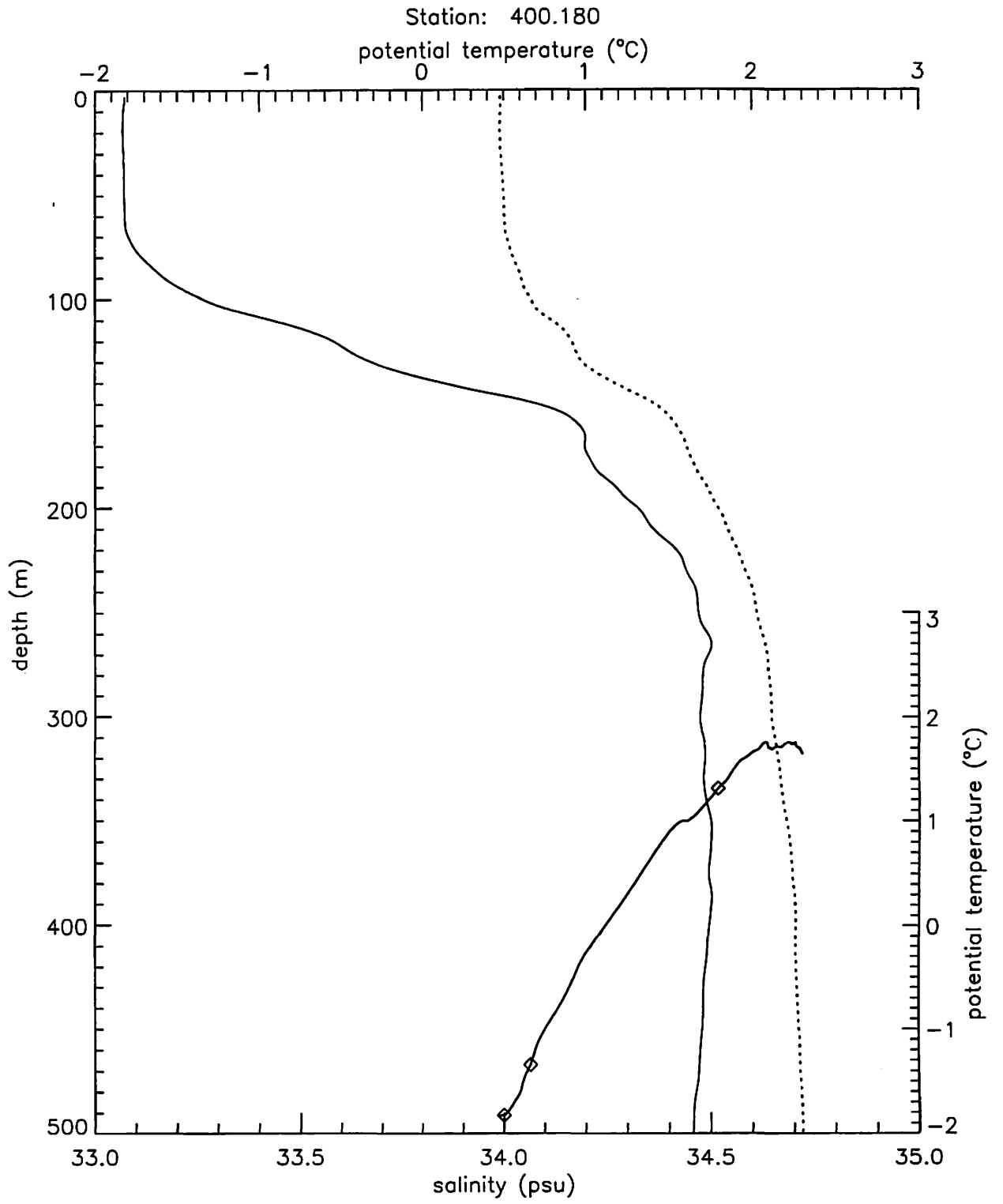
LTER 93c Station: 400.160 (271) JulianDay: 255 GMT: 1725
 Latitude: 65° 29.75' S Longitude: 69° 12.24' W Depth: 340 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.822	-1.822	33.925	27.308	0.0015	2.22e-06
10	-1.824	-1.824	33.927	27.309	0.0053	1.63e-06
20	-1.824	-1.824	33.928	27.310	0.0128	2.24e-06
30	-1.813	-1.814	33.936	27.317	0.0203	1.64e-05
40	-1.773	-1.774	33.967	27.341	0.0277	1.61e-05
50	-1.784	-1.785	33.974	27.346	0.0348	2.85e-06
60	-1.796	-1.797	33.978	27.350	0.0420	7.15e-06
70	-1.783	-1.784	33.994	27.362	0.0491	9.69e-06
80	-1.784	-1.786	33.999	27.367	0.0560	2.79e-06
90	-1.812	-1.814	34.002	27.370	0.0630	7.88e-07
100	-1.635	-1.637	34.011	27.372	0.0699	1.69e-05
110	-0.860	-0.863	34.086	27.408	0.0766	3.02e-05
120	-0.279	-0.283	34.183	27.461	0.0830	7.02e-05
130	0.083	0.078	34.276	27.518	0.0888	3.63e-05
140	0.247	0.241	34.331	27.553	0.0942	3.17e-05
150	0.389	0.383	34.380	27.585	0.0993	2.44e-05
160	0.452	0.446	34.406	27.602	0.1041	1.34e-05
180	0.637	0.629	34.466	27.640	0.1133	1.47e-05
200	0.794	0.785	34.511	27.666	0.1220	1.19e-05
220	0.979	0.969	34.561	27.694	0.1301	1.31e-05
240	1.151	1.140	34.601	27.716	0.1378	9.84e-06
260	1.313	1.301	34.646	27.741	0.1451	8.44e-06
280	1.401	1.387	34.668	27.752	0.1521	2.86e-06
300	1.433	1.418	34.677	27.757	0.1590	4.25e-07
320	1.441	1.425	34.683	27.761	0.1658	5.41e-06
340	1.414	1.397	34.701	27.778	0.1724	7.60e-06



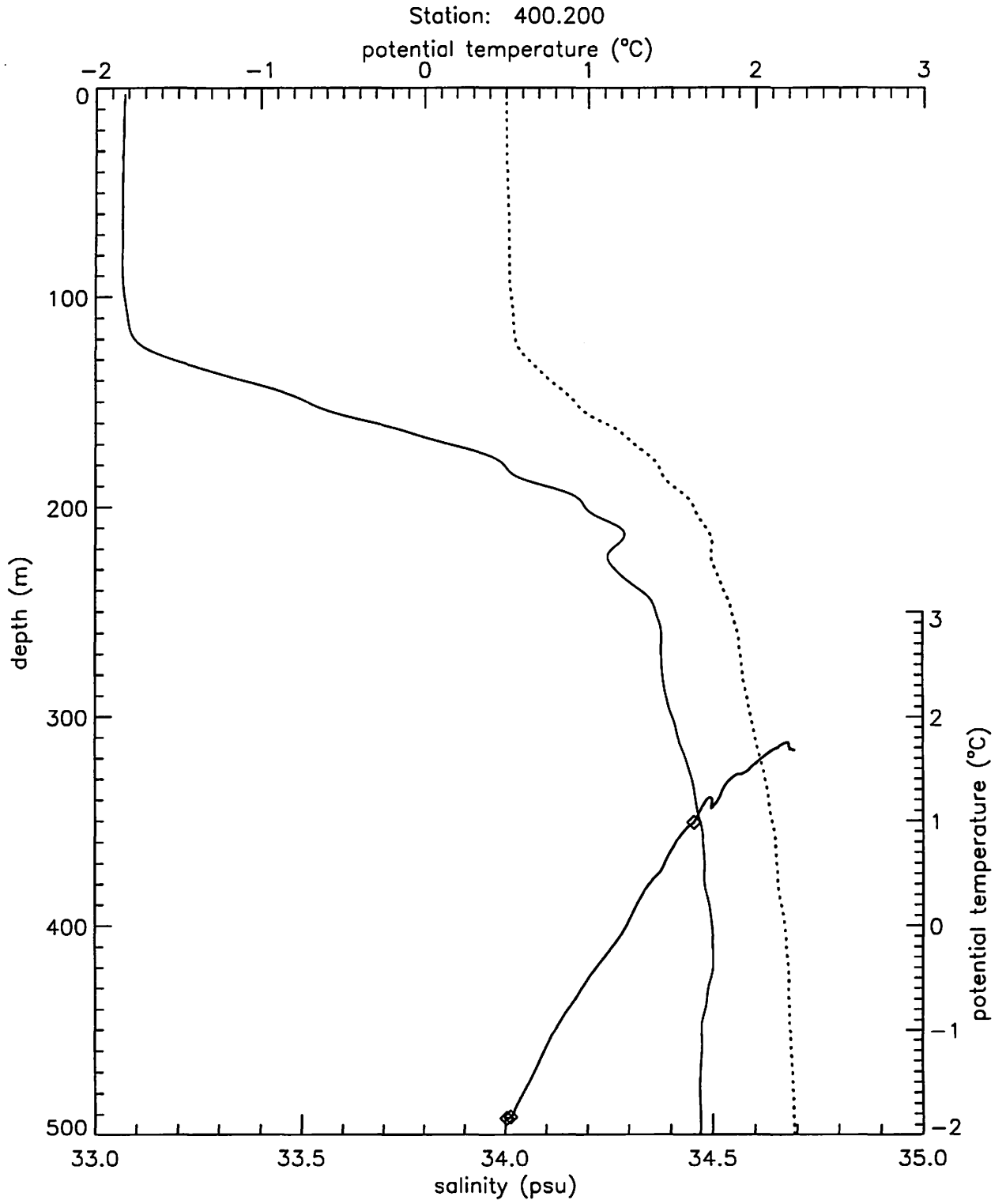
LTER 93c	Station: 400.180 (293)	JulianDay: 256	GMT: 1618
	Latitude: 65° 21.90' S	Longitude: 69° 30.02' W	Depth: 2900 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.820	-1.820	33.992	27.362	0.0014	4.04e-07
10	-1.827	-1.827	33.992	27.362	0.0049	2.42e-07
20	-1.830	-1.830	33.991	27.361	0.0120	-1.21e-07
30	-1.826	-1.826	33.993	27.363	0.0190	2.12e-06
40	-1.822	-1.823	33.998	27.367	0.0260	2.97e-06
50	-1.820	-1.821	34.000	27.369	0.0330	2.24e-06
60	-1.818	-1.819	34.002	27.370	0.0399	6.66e-07
70	-1.795	-1.796	34.007	27.374	0.0468	8.00e-06
80	-1.713	-1.714	34.023	27.385	0.0536	1.16e-05
90	-1.574	-1.576	34.043	27.397	0.0604	7.15e-06
100	-1.339	-1.342	34.066	27.408	0.0670	1.28e-05
110	-0.922	-0.925	34.113	27.431	0.0735	3.32e-05
120	-0.552	-0.555	34.165	27.458	0.0797	1.16e-05
130	-0.318	-0.322	34.192	27.470	0.0857	2.07e-05
140	0.119	0.114	34.266	27.508	0.0916	4.24e-05
150	0.698	0.692	34.363	27.553	0.0970	3.21e-05
160	0.965	0.958	34.415	27.578	0.1022	1.94e-05
180	1.058	1.050	34.462	27.610	0.1119	1.19e-05
200	1.317	1.307	34.517	27.636	0.1212	1.26e-05
220	1.554	1.543	34.564	27.657	0.1300	9.17e-06
240	1.678	1.665	34.603	27.679	0.1385	7.41e-06
260	1.744	1.731	34.623	27.691	0.1466	6.68e-06
280	1.716	1.701	34.639	27.706	0.1546	4.07e-06
300	1.700	1.684	34.646	27.712	0.1623	2.37e-06
320	1.732	1.715	34.662	27.723	0.1700	5.65e-06
340	1.739	1.721	34.673	27.732	0.1774	3.28e-06
360	1.769	1.750	34.689	27.742	0.1847	5.35e-06
380	1.764	1.744	34.698	27.749	0.1919	3.10e-06
400	1.760	1.739	34.703	27.754	0.1989	1.09e-06
420	1.741	1.718	34.705	27.757	0.2060	2.92e-06
440	1.729	1.706	34.710	27.762	0.2129	2.62e-06
460	1.712	1.688	34.714	27.767	0.2198	1.46e-06
480	1.688	1.662	34.717	27.771	0.2265	4.14e-06
500	1.671	1.644	34.720	27.775	0.2333	9.13e-07



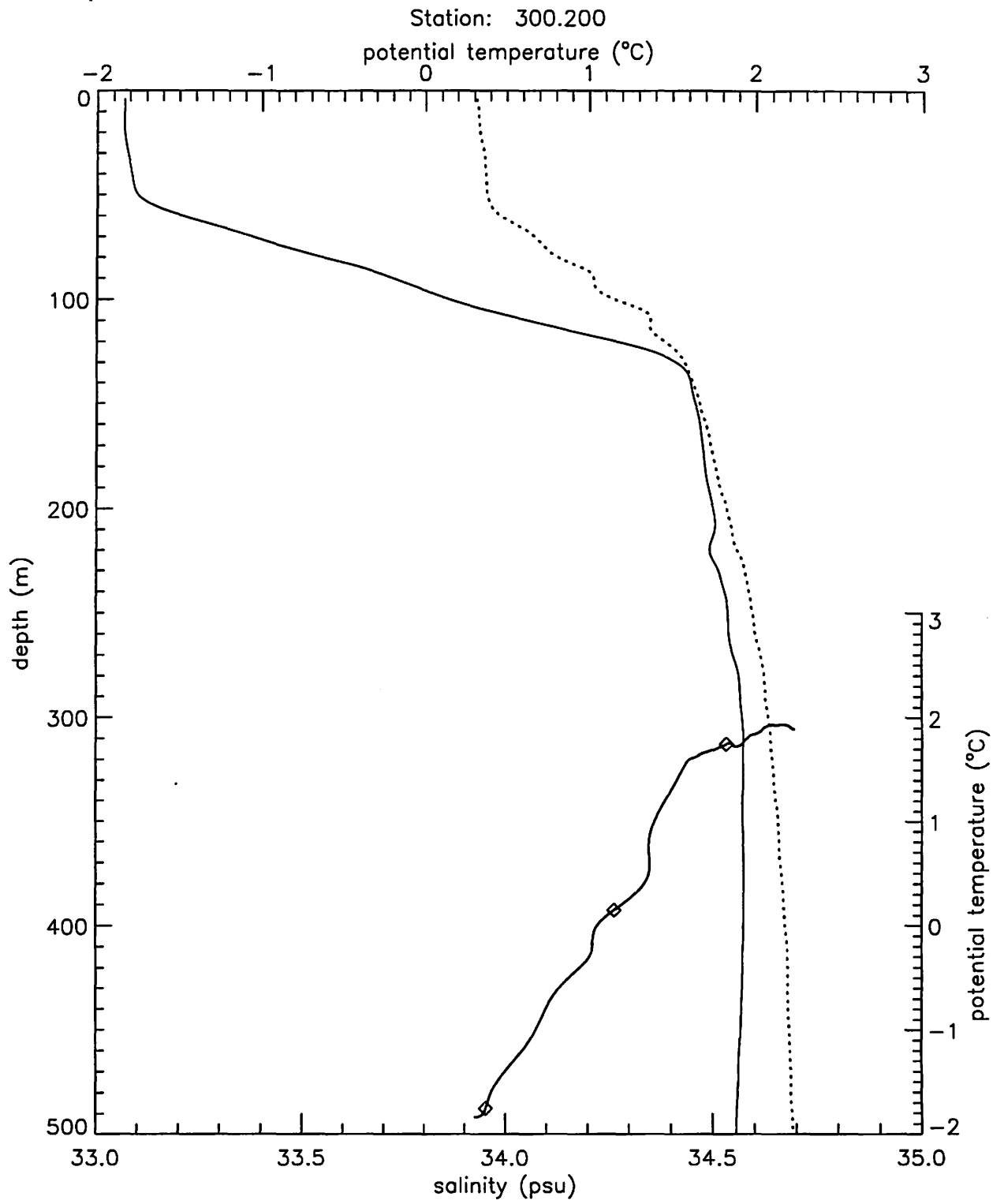
LTER 93c	Station: 400.200 (300)	JulianDay: 256	GMT: 2027
	Latitude: 65° 14.44' S	Longitude: 69° 48.43' W	Depth: 3130 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.826	-1.826	34.000	27.369	0.0014	0.00e+00
10	-1.828	-1.828	34.000	27.369	0.0049	1.21e-07
20	-1.831	-1.832	34.000	27.369	0.0119	1.21e-07
30	-1.835	-1.836	34.000	27.369	0.0188	7.87e-07
40	-1.835	-1.836	34.003	27.371	0.0258	2.36e-06
50	-1.837	-1.837	34.004	27.372	0.0327	8.48e-07
60	-1.838	-1.839	34.006	27.374	0.0396	7.88e-07
70	-1.838	-1.839	34.006	27.374	0.0465	8.48e-07
80	-1.837	-1.839	34.008	27.375	0.0534	7.88e-07
90	-1.835	-1.837	34.008	27.376	0.0602	1.45e-06
100	-1.824	-1.825	34.013	27.379	0.0671	4.18e-06
110	-1.804	-1.806	34.018	27.382	0.0739	1.70e-06
120	-1.763	-1.766	34.022	27.385	0.0807	7.70e-06
130	-1.523	-1.526	34.055	27.405	0.0873	2.57e-05
140	-1.098	-1.102	34.108	27.434	0.0938	2.86e-05
150	-0.711	-0.716	34.168	27.468	0.0999	2.72e-05
160	-0.299	-0.304	34.240	27.508	0.1058	4.51e-05
180	0.500	0.493	34.368	27.569	0.1164	1.70e-05
200	0.994	0.985	34.454	27.607	0.1263	1.28e-05
220	1.159	1.148	34.496	27.631	0.1357	7.22e-06
240	1.335	1.324	34.527	27.643	0.1447	6.25e-06
260	1.455	1.443	34.559	27.661	0.1535	7.53e-06
280	1.465	1.451	34.571	27.670	0.1620	3.77e-06
300	1.522	1.507	34.590	27.681	0.1704	4.43e-06
320	1.602	1.586	34.613	27.693	0.1785	6.68e-06
340	1.663	1.645	34.632	27.704	0.1865	3.10e-06
360	1.708	1.689	34.648	27.714	0.1943	3.10e-06
380	1.719	1.698	34.654	27.718	0.2020	1.88e-06
400	1.764	1.743	34.670	27.727	0.2096	3.65e-06
420	1.773	1.751	34.679	27.734	0.2171	4.32e-06
440	1.729	1.705	34.682	27.740	0.2245	3.77e-06
460	1.711	1.686	34.688	27.746	0.2317	2.86e-06
480	1.701	1.675	34.692	27.750	0.2389	7.30e-07
500	1.703	1.676	34.694	27.752	0.2461	2.13e-06



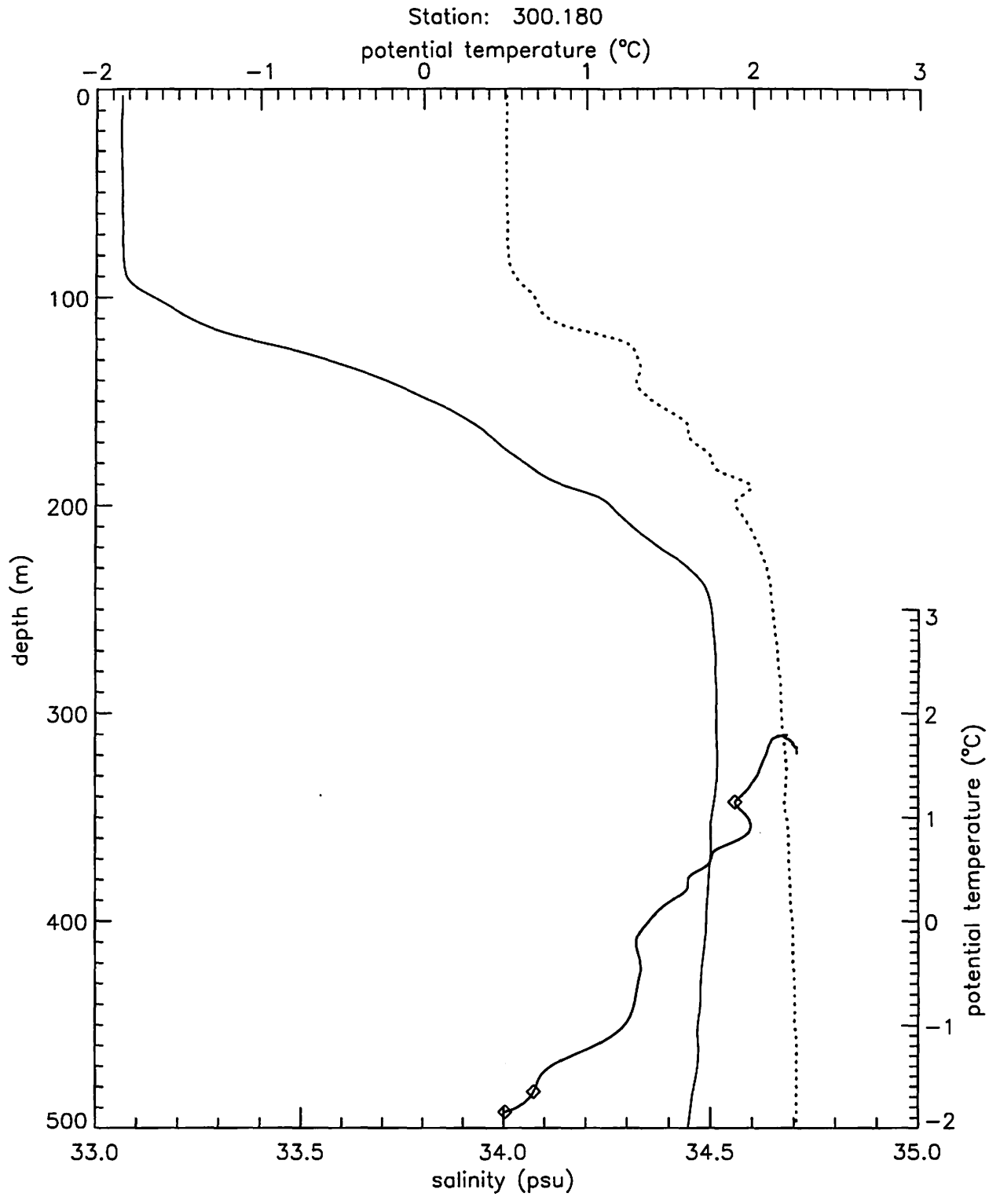
LTER 93c Station: 300.200 (315) JulianDay: 256 GMT: 1456
 Latitude: 65° 50.84' S Longitude: 71° 22.51' W Depth: 3000 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.834	-1.834	33.926	27.308	0.0008	4.24e-06
10	-1.836	-1.836	33.930	27.312	0.0045	4.72e-06
20	-1.833	-1.833	33.934	27.315	0.0120	4.42e-06
30	-1.812	-1.812	33.944	27.322	0.0195	6.48e-06
40	-1.788	-1.789	33.949	27.326	0.0268	1.76e-06
50	-1.751	-1.752	33.952	27.328	0.0342	4.54e-06
60	-1.476	-1.477	33.984	27.346	0.0415	4.17e-05
70	-1.054	-1.056	34.067	27.399	0.0484	3.41e-05
80	-0.624	-0.626	34.125	27.429	0.0549	5.19e-05
90	-0.197	-0.200	34.212	27.480	0.0610	8.06e-06
100	0.153	0.149	34.264	27.504	0.0669	6.52e-05
110	0.633	0.628	34.349	27.545	0.0723	-1.57e-05
120	1.171	1.166	34.381	27.537	0.0777	1.32e-05
130	1.530	1.524	34.430	27.551	0.0831	7.88e-06
140	1.620	1.613	34.451	27.561	0.0883	1.13e-05
150	1.647	1.640	34.466	27.571	0.0935	7.70e-06
160	1.676	1.668	34.481	27.582	0.0986	1.10e-05
180	1.707	1.698	34.505	27.598	0.1085	7.28e-06
200	1.758	1.748	34.532	27.616	0.1181	8.92e-06
220	1.737	1.726	34.556	27.637	0.1274	1.63e-05
240	1.829	1.817	34.585	27.653	0.1363	4.37e-06
260	1.856	1.843	34.600	27.663	0.1450	5.34e-06
280	1.918	1.903	34.621	27.676	0.1535	2.19e-06
300	1.940	1.924	34.632	27.683	0.1619	4.50e-06
320	1.948	1.931	34.642	27.690	0.1701	3.89e-06
340	1.946	1.927	34.650	27.697	0.1782	5.65e-06
360	1.951	1.932	34.658	27.703	0.1863	1.40e-06
380	1.954	1.933	34.666	27.709	0.1942	3.22e-06
400	1.954	1.932	34.672	27.715	0.2020	3.34e-06
420	1.950	1.927	34.679	27.720	0.2098	1.09e-06
440	1.946	1.921	34.680	27.722	0.2175	1.22e-06
460	1.934	1.909	34.685	27.727	0.2252	2.31e-06
480	1.927	1.900	34.687	27.729	0.2328	1.34e-06
500	1.917	1.889	34.692	27.734	0.2404	1.95e-06



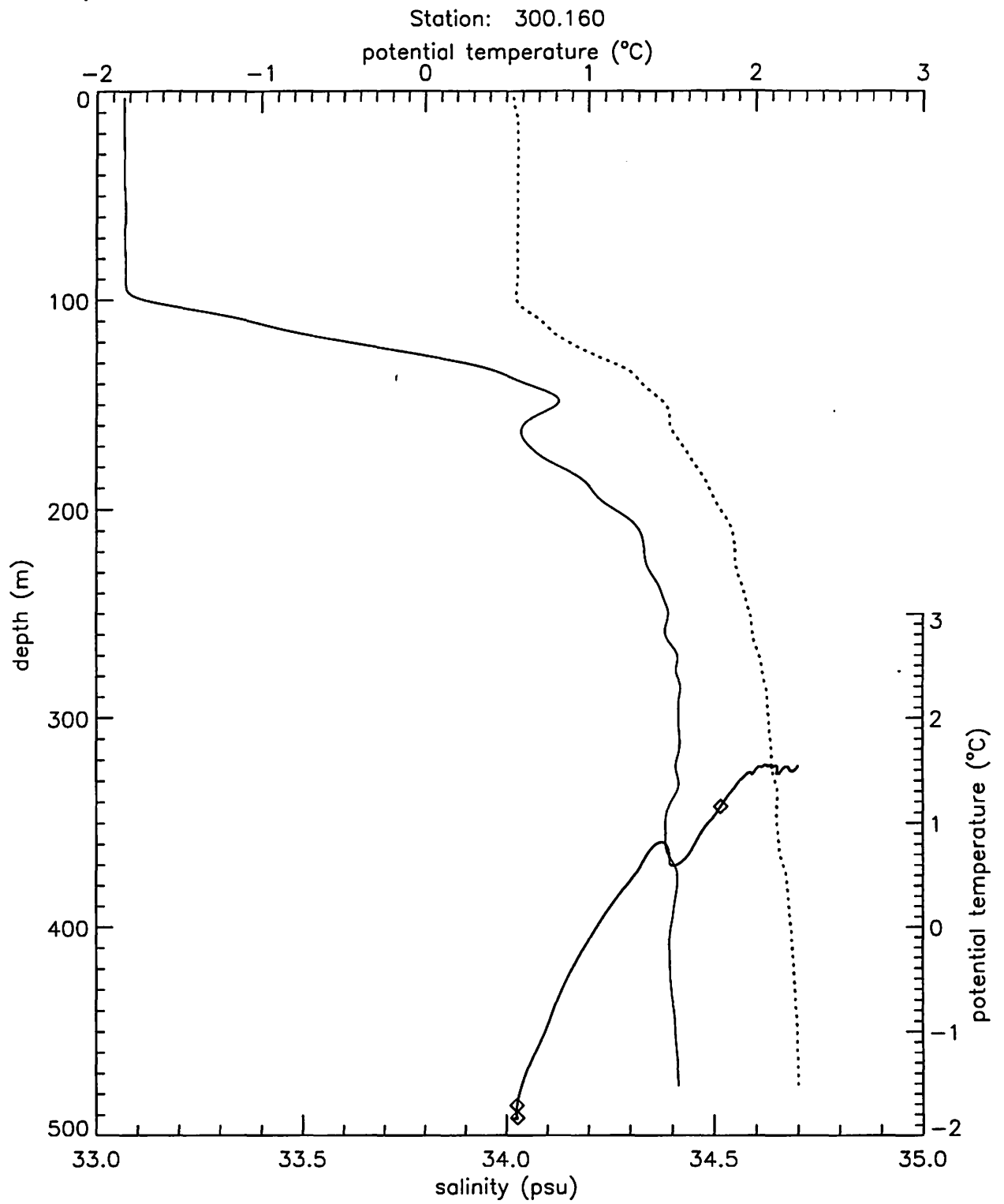
LTER 93c	Station: 300.180 (321)	JulianDay: 256	GMT: 1750
	Latitude: 65° 58.89' S	Longitude: 71° 4.88' W	Depth: 3000 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.844	-1.844	34.004	27.372	0.0014	4.04e-07
10	-1.845	-1.845	34.004	27.372	0.0049	0.00e+00
20	-1.846	-1.846	34.003	27.372	0.0118	-7.27e-07
30	-1.845	-1.846	34.004	27.372	0.0187	8.48e-07
40	-1.843	-1.843	34.004	27.372	0.0257	-1.21e-07
50	-1.842	-1.842	34.004	27.372	0.0326	7.27e-07
60	-1.839	-1.840	34.006	27.374	0.0395	1.51e-06
70	-1.836	-1.837	34.007	27.375	0.0464	7.88e-07
80	-1.834	-1.835	34.010	27.377	0.0533	4.60e-06
90	-1.813	-1.815	34.026	27.389	0.0601	2.68e-05
100	-1.645	-1.647	34.074	27.424	0.0666	2.00e-05
110	-1.424	-1.427	34.108	27.445	0.0729	6.25e-05
120	-1.067	-1.070	34.276	27.569	0.0786	9.05e-05
130	-0.580	-0.584	34.327	27.591	0.0835	-7.28e-06
140	-0.222	-0.227	34.322	27.570	0.0884	-1.24e-05
150	0.058	0.053	34.364	27.590	0.0934	3.77e-05
160	0.300	0.294	34.440	27.638	0.0981	2.17e-05
180	0.641	0.633	34.503	27.669	0.1067	1.77e-05
200	1.159	1.149	34.559	27.681	0.1145	-1.39e-05
220	1.449	1.438	34.616	27.706	0.1224	3.16e-06
240	1.733	1.720	34.643	27.707	0.1302	3.64e-07
260	1.779	1.766	34.654	27.713	0.1379	5.34e-06
280	1.795	1.780	34.664	27.720	0.1455	5.16e-06
300	1.801	1.785	34.670	27.724	0.1531	1.76e-06
320	1.809	1.792	34.680	27.731	0.1605	3.71e-06
340	1.795	1.777	34.678	27.731	0.1679	-6.69e-07
360	1.772	1.753	34.687	27.740	0.1752	1.58e-06
380	1.758	1.738	34.690	27.744	0.1825	2.31e-06
400	1.744	1.723	34.696	27.749	0.1896	2.74e-06
420	1.722	1.699	34.697	27.753	0.1967	2.74e-06
440	1.712	1.688	34.701	27.756	0.2037	7.30e-07
460	1.701	1.676	34.706	27.762	0.2107	1.22e-06
480	1.677	1.651	34.706	27.763	0.2176	1.95e-06
500	1.643	1.616	34.707	27.766	0.2245	1.01e-06



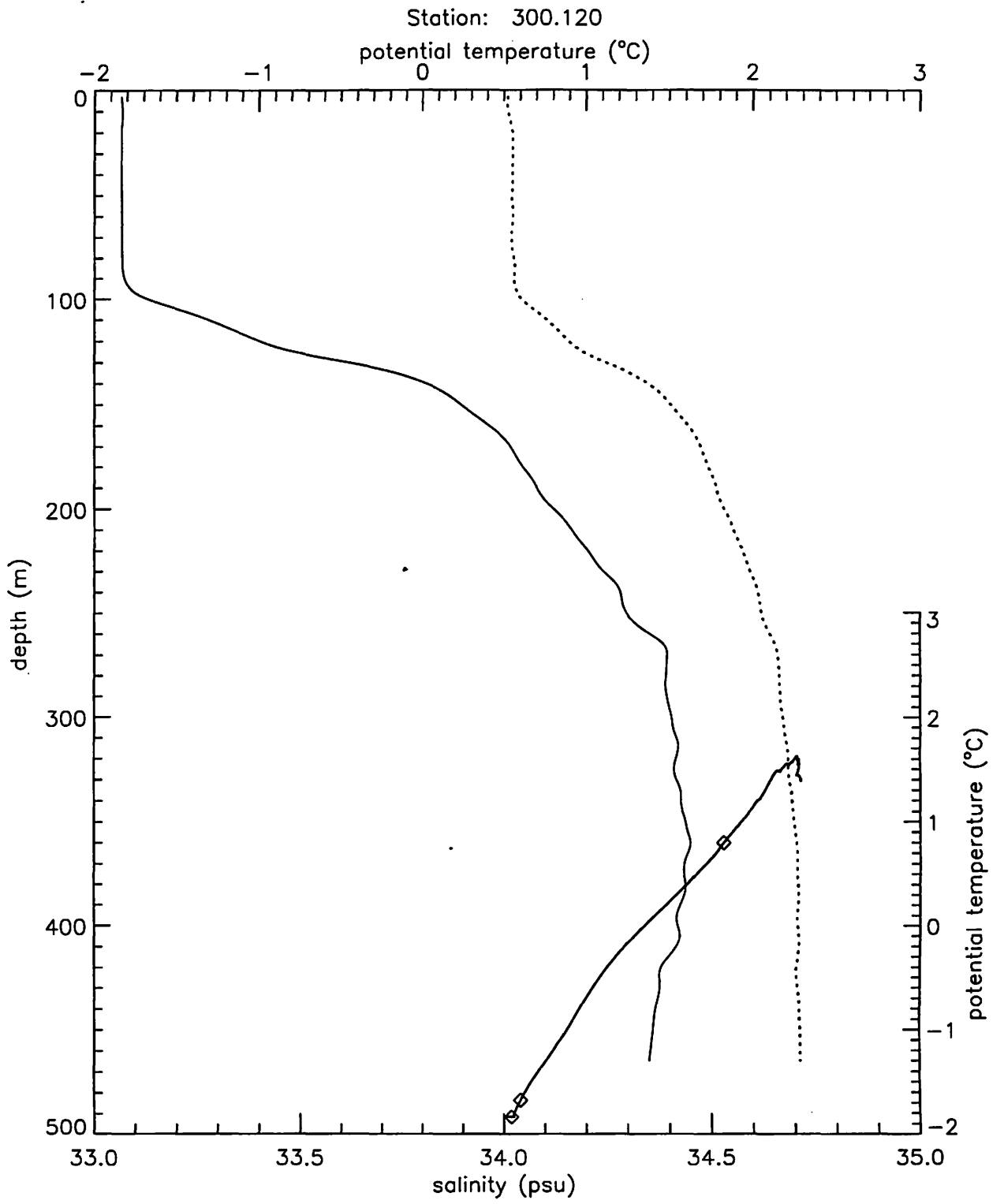
LTER 93c	Station: 300.160 (342)	JulianDay: 257	GMT: 1613
	Latitude: 66° 6.85' S	Longitude: 70° 47.58' W	Depth: 500 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.835	-1.835	34.018	27.383	0.0014	5.05e-06
10	-1.833	-1.834	34.024	27.388	0.0048	7.08e-06
20	-1.833	-1.834	34.027	27.391	0.0115	0.00e+00
30	-1.832	-1.833	34.027	27.391	0.0183	-1.21e-07
40	-1.831	-1.832	34.027	27.391	0.0251	0.00e+00
50	-1.827	-1.828	34.027	27.391	0.0318	-1.21e-07
60	-1.824	-1.826	34.027	27.391	0.0385	0.00e+00
70	-1.827	-1.828	34.027	27.391	0.0453	1.21e-07
80	-1.825	-1.827	34.027	27.391	0.0520	-1.21e-07
90	-1.824	-1.825	34.027	27.390	0.0587	-1.76e-06
100	-1.707	-1.709	34.026	27.386	0.0655	6.18e-06
110	-1.061	-1.064	34.087	27.416	0.0721	2.76e-05
120	-0.459	-0.463	34.152	27.444	0.0785	3.78e-05
130	0.251	0.246	34.261	27.497	0.0845	4.68e-05
140	0.641	0.636	34.331	27.530	0.0901	2.16e-05
150	0.809	0.803	34.385	27.564	0.0954	3.41e-05
160	0.609	0.603	34.396	27.585	0.1004	1.79e-05
180	0.844	0.836	34.459	27.621	0.1100	1.04e-05
200	1.166	1.157	34.516	27.645	0.1190	1.12e-05
220	1.346	1.336	34.550	27.661	0.1276	1.88e-06
240	1.450	1.438	34.573	27.672	0.1362	7.04e-06
260	1.472	1.459	34.592	27.686	0.1444	4.13e-06
280	1.543	1.529	34.617	27.701	0.1524	6.80e-06
300	1.554	1.539	34.630	27.710	0.1602	2.31e-06
320	1.545	1.529	34.638	27.718	0.1679	3.28e-06
340	1.511	1.494	34.651	27.731	0.1754	3.95e-06
360	1.480	1.462	34.655	27.736	0.1827	2.80e-06
380	1.551	1.532	34.675	27.747	0.1899	5.29e-06
400	1.512	1.492	34.683	27.756	0.1969	4.68e-06
420	1.509	1.488	34.690	27.762	0.2038	1.28e-06
440	1.535	1.512	34.696	27.766	0.2106	1.76e-06
460	1.552	1.528	34.699	27.767	0.2174	0.00e+00



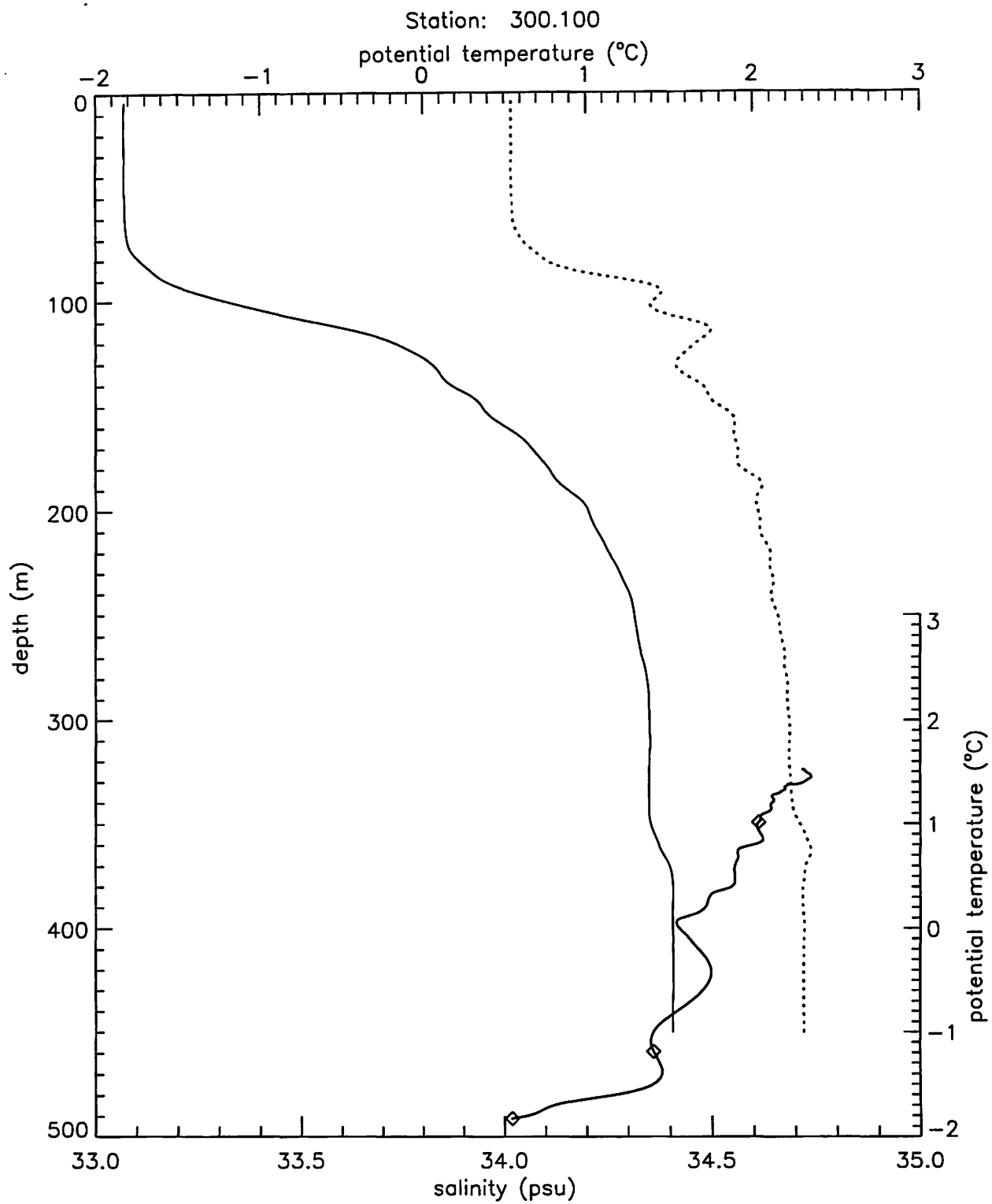
LTER 93c Station: 300.120 (356) JulianDay: 259 GMT: 1432
 Latitude: 66° 22.69' S Longitude: 70° 10.63' W Depth: 460 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.833	-1.833	34.009	27.376	0.0014	0.00e+00
10	-1.829	-1.829	34.010	27.377	0.0048	5.51e-06
20	-1.834	-1.835	34.021	27.386	0.0117	4.00e-06
30	-1.834	-1.835	34.021	27.386	0.0185	0.00e+00
40	-1.834	-1.835	34.021	27.386	0.0253	0.00e+00
50	-1.832	-1.833	34.019	27.384	0.0321	-7.87e-07
60	-1.833	-1.834	34.021	27.386	0.0389	0.00e+00
70	-1.831	-1.832	34.019	27.384	0.0457	-8.48e-07
80	-1.830	-1.832	34.023	27.387	0.0524	5.39e-06
90	-1.817	-1.819	34.024	27.388	0.0592	-4.24e-07
100	-1.672	-1.674	34.041	27.398	0.0659	2.45e-05
110	-1.302	-1.304	34.102	27.437	0.0724	3.44e-05
120	-0.994	-0.998	34.155	27.468	0.0785	3.06e-05
130	-0.453	-0.457	34.241	27.516	0.0843	5.84e-05
140	0.021	0.016	34.345	27.576	0.0896	4.35e-05
150	0.238	0.232	34.400	27.609	0.0944	2.41e-05
160	0.411	0.405	34.443	27.634	0.0990	2.09e-05
180	0.622	0.615	34.492	27.661	0.1077	1.07e-05
200	0.807	0.799	34.529	27.680	0.1160	1.06e-05
220	1.018	1.008	34.574	27.702	0.1239	9.41e-06
240	1.216	1.204	34.611	27.719	0.1315	5.59e-06
260	1.388	1.375	34.638	27.729	0.1389	5.77e-06
280	1.491	1.477	34.662	27.740	0.1461	2.85e-06
300	1.526	1.510	34.670	27.744	0.1532	3.58e-06
320	1.553	1.536	34.683	27.753	0.1602	3.65e-06
340	1.584	1.567	34.692	27.758	0.1672	2.13e-06
360	1.642	1.624	34.704	27.763	0.1740	3.89e-06
380	1.615	1.595	34.708	27.769	0.1807	2.13e-06
400	1.570	1.549	34.706	27.771	0.1874	7.91e-07
420	1.472	1.450	34.704	27.776	0.1940	2.07e-06
440	1.442	1.419	34.711	27.784	0.2005	4.14e-06
460	1.411	1.388	34.713	27.788	0.2069	1.16e-06



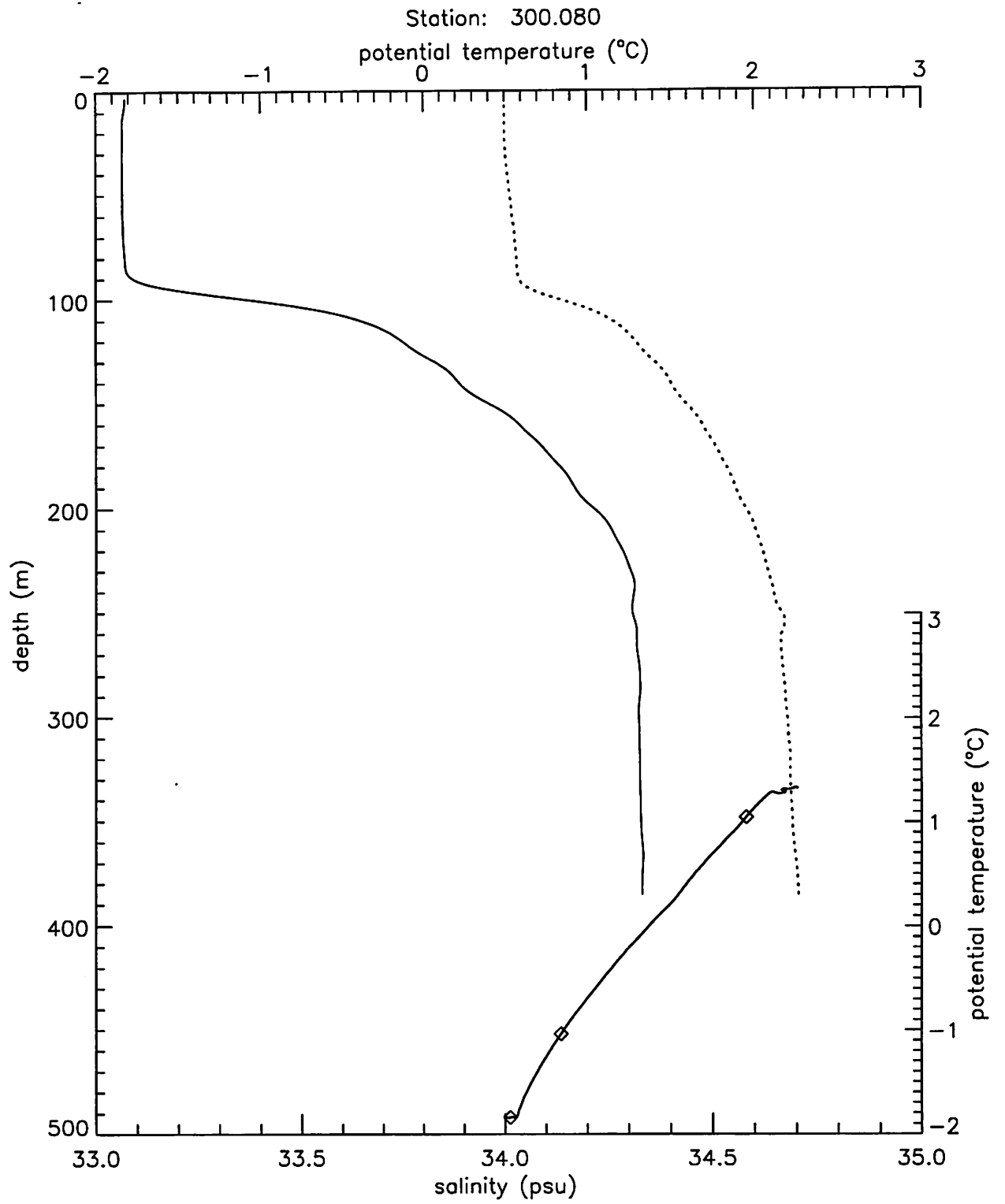
LTER 93c Station: 300.100 (363) JulianDay: 259 GMT: 1856
 Latitude: 66° 30.33' S Longitude: 69° 52.23' W Depth: 470 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.826	-1.826	34.018	27.383	0.0007	6.05e-07
10	-1.828	-1.828	34.018	27.383	0.0041	1.21e-07
20	-1.828	-1.828	34.018	27.383	0.0109	0.00e+00
30	-1.826	-1.827	34.018	27.383	0.0178	-7.27e-07
40	-1.825	-1.826	34.017	27.383	0.0246	7.27e-07
50	-1.823	-1.824	34.019	27.384	0.0314	1.51e-06
60	-1.820	-1.821	34.021	27.385	0.0382	5.39e-06
70	-1.807	-1.809	34.042	27.402	0.0449	3.05e-05
80	-1.728	-1.729	34.100	27.447	0.0514	7.76e-05
90	-1.568	-1.570	34.309	27.613	0.0569	1.56e-04
100	-1.187	-1.189	34.361	27.643	0.0612	-2.51e-05
110	-0.651	-0.655	34.464	27.705	0.0654	7.25e-05
120	-0.174	-0.178	34.464	27.683	0.0691	-6.46e-05
130	0.057	0.053	34.415	27.631	0.0734	-8.49e-06
140	0.179	0.174	34.477	27.675	0.0778	3.45e-05
150	0.370	0.364	34.520	27.698	0.0818	3.88e-05
160	0.522	0.516	34.555	27.718	0.0855	-9.22e-06
180	0.784	0.776	34.576	27.719	0.0929	3.49e-05
200	1.023	1.014	34.612	27.733	0.1000	2.73e-06
220	1.148	1.138	34.642	27.749	0.1071	3.58e-06
240	1.274	1.263	34.644	27.741	0.1140	-2.31e-06
260	1.322	1.309	34.667	27.757	0.1209	6.19e-06
280	1.379	1.365	34.681	27.764	0.1277	3.28e-06
300	1.392	1.377	34.685	27.766	0.1343	2.19e-06
320	1.394	1.378	34.685	27.767	0.1410	1.76e-06
340	1.391	1.374	34.693	27.773	0.1476	6.20e-06
360	1.451	1.433	34.734	27.802	0.1539	5.29e-06
380	1.539	1.519	34.718	27.782	0.1601	-3.40e-06
400	1.538	1.517	34.721	27.785	0.1666	-1.22e-07
420	1.542	1.520	34.719	27.783	0.1730	-6.69e-07
440	1.540	1.517	34.719	27.784	0.1794	1.03e-06



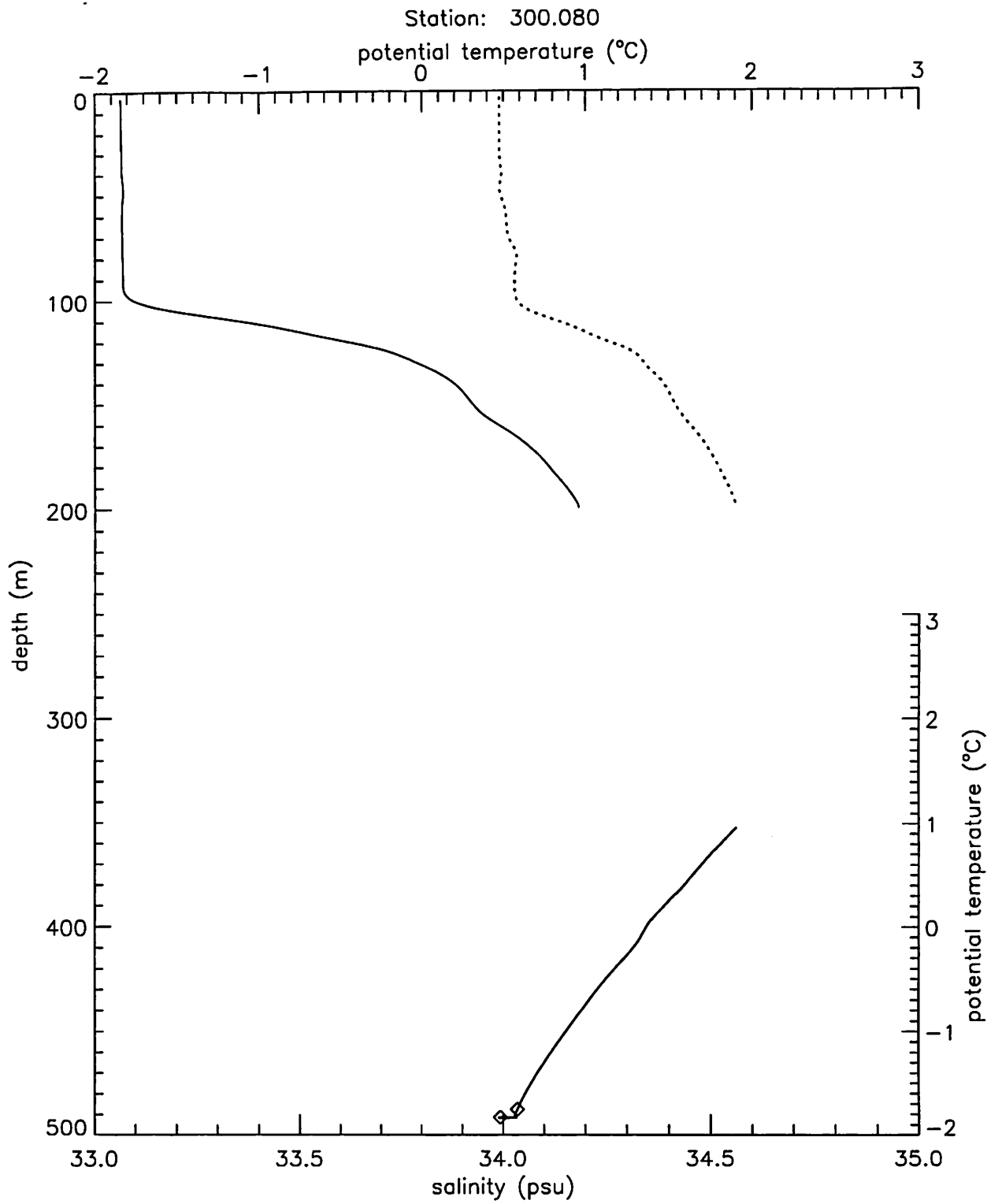
LTER 93c	Station: 300.080 (369)	JulianDay: 260	GMT: 1020
	Latitude: 66° 38.14' S	Longitude: 69° 33.40' W	Depth: 400 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.822	-1.822	34.000	27.368	0.0014	0.00e+00
10	-1.831	-1.831	34.000	27.369	0.0049	3.63e-07
20	-1.838	-1.839	34.000	27.369	0.0119	0.00e+00
30	-1.837	-1.838	34.003	27.371	0.0188	3.88e-06
40	-1.837	-1.837	34.007	27.375	0.0257	3.88e-06
50	-1.837	-1.837	34.013	27.380	0.0326	4.66e-06
60	-1.836	-1.837	34.018	27.384	0.0394	4.73e-06
70	-1.831	-1.833	34.024	27.389	0.0462	3.70e-06
80	-1.822	-1.824	34.029	27.392	0.0529	2.06e-06
90	-1.765	-1.766	34.034	27.395	0.0596	1.69e-05
100	-1.033	-1.036	34.136	27.454	0.0661	8.19e-05
110	-0.382	-0.385	34.261	27.528	0.0719	4.50e-05
120	-0.129	-0.134	34.316	27.561	0.0771	2.38e-05
130	0.073	0.068	34.362	27.588	0.0822	2.77e-05
140	0.222	0.217	34.400	27.610	0.0870	1.52e-05
150	0.404	0.398	34.436	27.629	0.0916	2.03e-05
160	0.592	0.585	34.475	27.649	0.0960	1.51e-05
180	0.846	0.838	34.533	27.680	0.1044	1.35e-05
200	1.054	1.045	34.580	27.705	0.1123	1.22e-05
220	1.228	1.218	34.620	27.725	0.1198	7.95e-06
240	1.295	1.284	34.647	27.742	0.1270	1.01e-05
260	1.315	1.303	34.665	27.756	0.1338	-7.29e-06
280	1.333	1.319	34.671	27.759	0.1406	3.46e-06
300	1.326	1.311	34.679	27.766	0.1473	3.04e-06
320	1.332	1.316	34.685	27.771	0.1539	7.29e-07
340	1.336	1.319	34.688	27.773	0.1605	2.07e-06
360	1.347	1.329	34.694	27.777	0.1670	2.37e-06
380	1.347	1.328	34.703	27.784	0.1734	1.70e-06



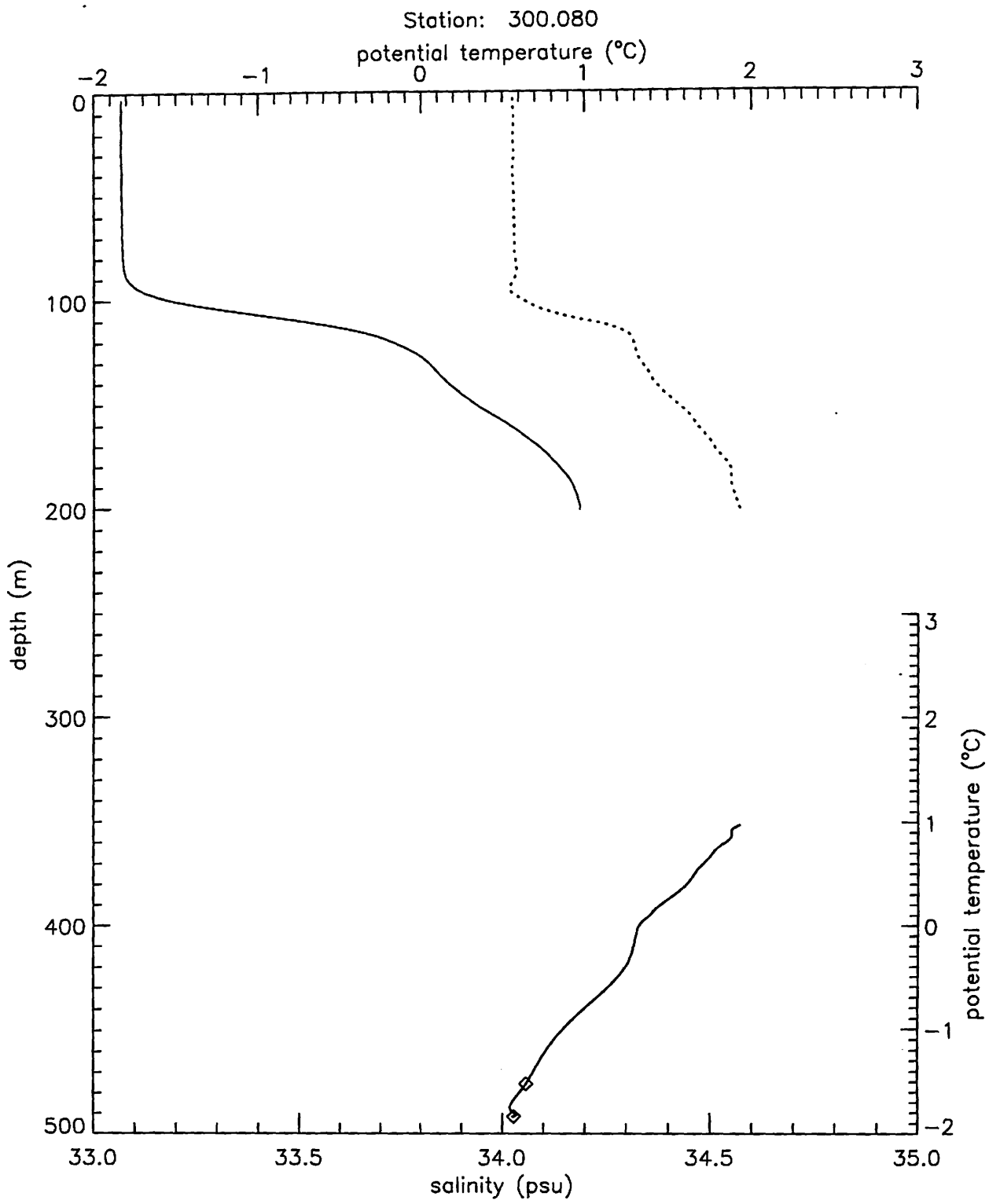
LTER 93c	Station: 300.080 (373)	JulianDay: 260	GMT: 1613
	Latitude: 66° 38.16' S	Longitude: 69° 33.44' W	Depth: 400 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.840	-1.840	33.990	27.361	0.0014	-4.04e-07
10	-1.837	-1.837	33.990	27.361	0.0049	-1.21e-07
20	-1.837	-1.837	33.990	27.361	0.0120	0.00e+00
30	-1.835	-1.836	33.990	27.361	0.0190	2.30e-06
40	-1.832	-1.833	33.995	27.364	0.0260	-1.64e-06
50	-1.826	-1.827	33.993	27.363	0.0331	8.72e-06
60	-1.832	-1.833	34.006	27.374	0.0400	4.66e-06
70	-1.831	-1.832	34.013	27.379	0.0469	1.49e-05
80	-1.828	-1.830	34.033	27.395	0.0536	1.51e-06
90	-1.825	-1.827	34.028	27.391	0.0603	-9.09e-07
100	-1.748	-1.750	34.035	27.395	0.0670	2.35e-05
110	-1.059	-1.062	34.141	27.459	0.0734	7.44e-05
120	-0.416	-0.420	34.266	27.534	0.0792	6.49e-05
130	-0.018	-0.022	34.343	27.577	0.0843	2.14e-05
140	0.208	0.203	34.389	27.602	0.0892	1.91e-05
150	0.321	0.315	34.416	27.618	0.0939	1.58e-05
160	0.484	0.477	34.453	27.638	0.0984	2.03e-05
180	0.792	0.784	34.520	27.674	0.1070	1.30e-05



LTER 93c	Station: 300.080 (376)	JulianDay: 260	GMT: 1904
	Latitude: 66° 39.47' S	Longitude: 69° 34.98' W	Depth: 400 m

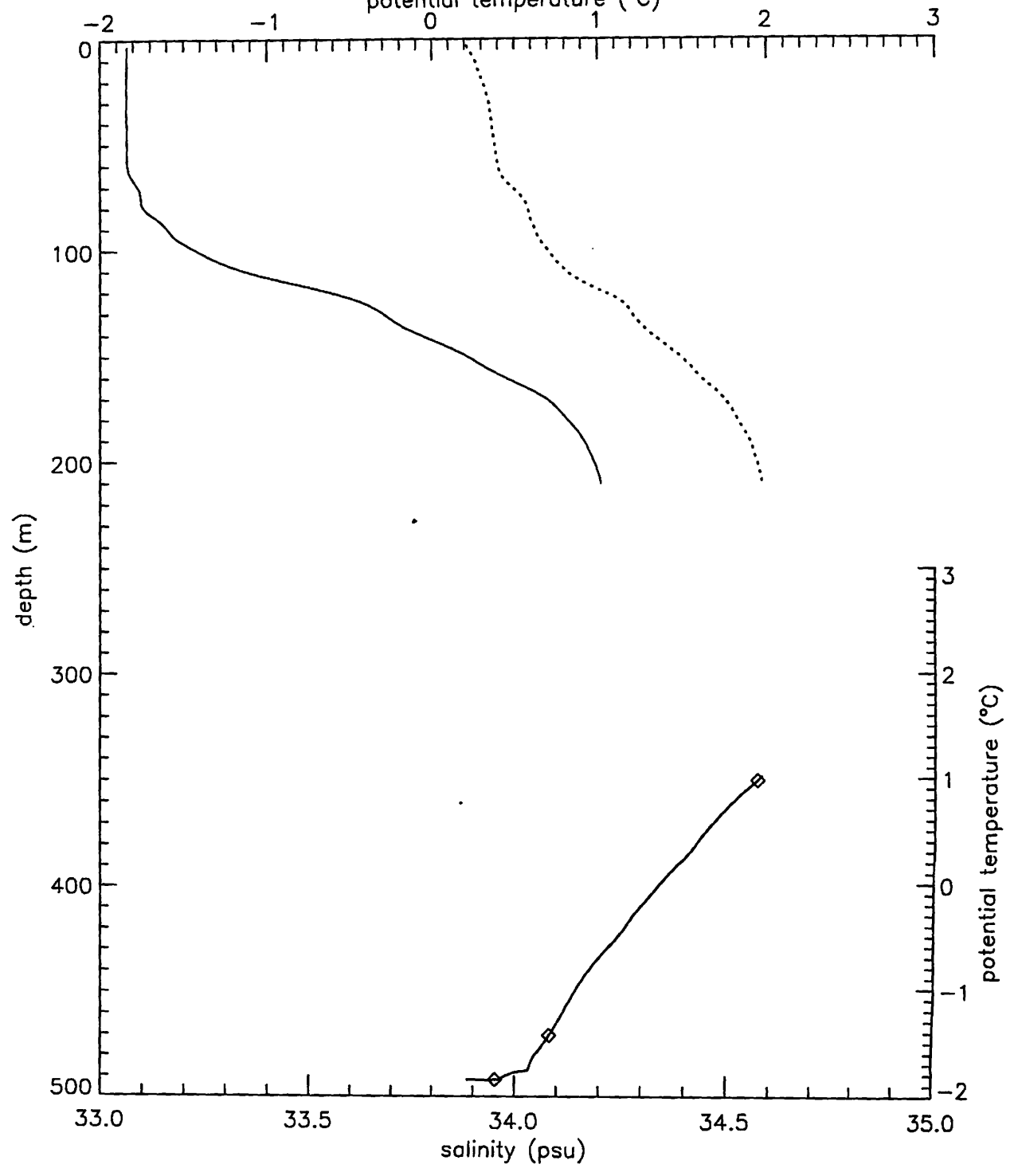
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.832	-1.833	34.026	27.390	0.0014	0.00e+00
10	-1.833	-1.833	34.026	27.390	0.0047	7.27e-07
20	-1.832	-1.833	34.026	27.390	0.0115	-8.48e-07
30	-1.833	-1.833	34.027	27.391	0.0183	-7.87e-07
40	-1.829	-1.830	34.025	27.389	0.0250	1.51e-06
50	-1.829	-1.830	34.028	27.391	0.0318	7.27e-07
60	-1.828	-1.829	34.028	27.391	0.0385	6.66e-07
70	-1.826	-1.828	34.030	27.393	0.0452	7.27e-07
80	-1.822	-1.823	34.032	27.394	0.0519	3.57e-06
90	-1.791	-1.792	34.027	27.390	0.0586	-1.46e-05
100	-1.511	-1.513	34.058	27.407	0.0654	5.78e-05
110	-0.684	-0.687	34.232	27.518	0.0715	1.12e-04
120	-0.154	-0.158	34.320	27.565	0.0767	0.00e+00
130	0.061	0.056	34.342	27.572	0.0818	1.71e-05
140	0.190	0.184	34.376	27.592	0.0868	2.57e-05
150	0.359	0.353	34.431	27.628	0.0915	2.96e-05
160	0.569	0.563	34.474	27.650	0.0959	2.00e-05
180	0.864	0.856	34.551	27.694	0.1041	6.74e-06
200	0.981	0.972	34.572	27.703	0.1120	6.68e-06



LTER 93c **Station:** 300.060 (384) **JulianDay:** 261 **GMT:** 1400
Latitude: 66° 44.65' S **Longitude:** 69° 13.05' W **Depth:** 200 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.837	-1.837	33.889	27.279	0.0016	2.36e-05
10	-1.838	-1.838	33.905	27.292	0.0055	1.96e-05
20	-1.840	-1.840	33.924	27.307	0.0131	1.49e-05
30	-1.841	-1.841	33.939	27.319	0.0206	7.75e-06
40	-1.839	-1.839	33.946	27.325	0.0280	5.27e-06
50	-1.837	-1.837	33.953	27.331	0.0353	5.45e-06
60	-1.834	-1.835	33.961	27.337	0.0426	1.11e-05
70	-1.771	-1.772	33.996	27.364	0.0497	3.76e-05
80	-1.734	-1.736	34.034	27.394	0.0565	1.20e-05
90	-1.590	-1.592	34.051	27.404	0.0632	1.47e-05
100	-1.413	-1.415	34.084	27.425	0.0697	2.27e-05
110	-1.107	-1.110	34.130	27.452	0.0760	3.50e-05
120	-0.593	-0.597	34.224	27.508	0.0819	5.38e-05
130	-0.286	-0.290	34.284	27.543	0.0873	2.06e-05
140	-0.047	-0.052	34.335	27.572	0.0925	3.31e-05
150	0.236	0.230	34.400	27.609	0.0974	3.08e-05
160	0.471	0.464	34.448	27.635	0.1019	2.52e-05
180	0.839	0.831	34.535	27.683	0.1104	1.58e-05
200	0.992	0.983	34.579	27.708	0.1182	7.34e-06

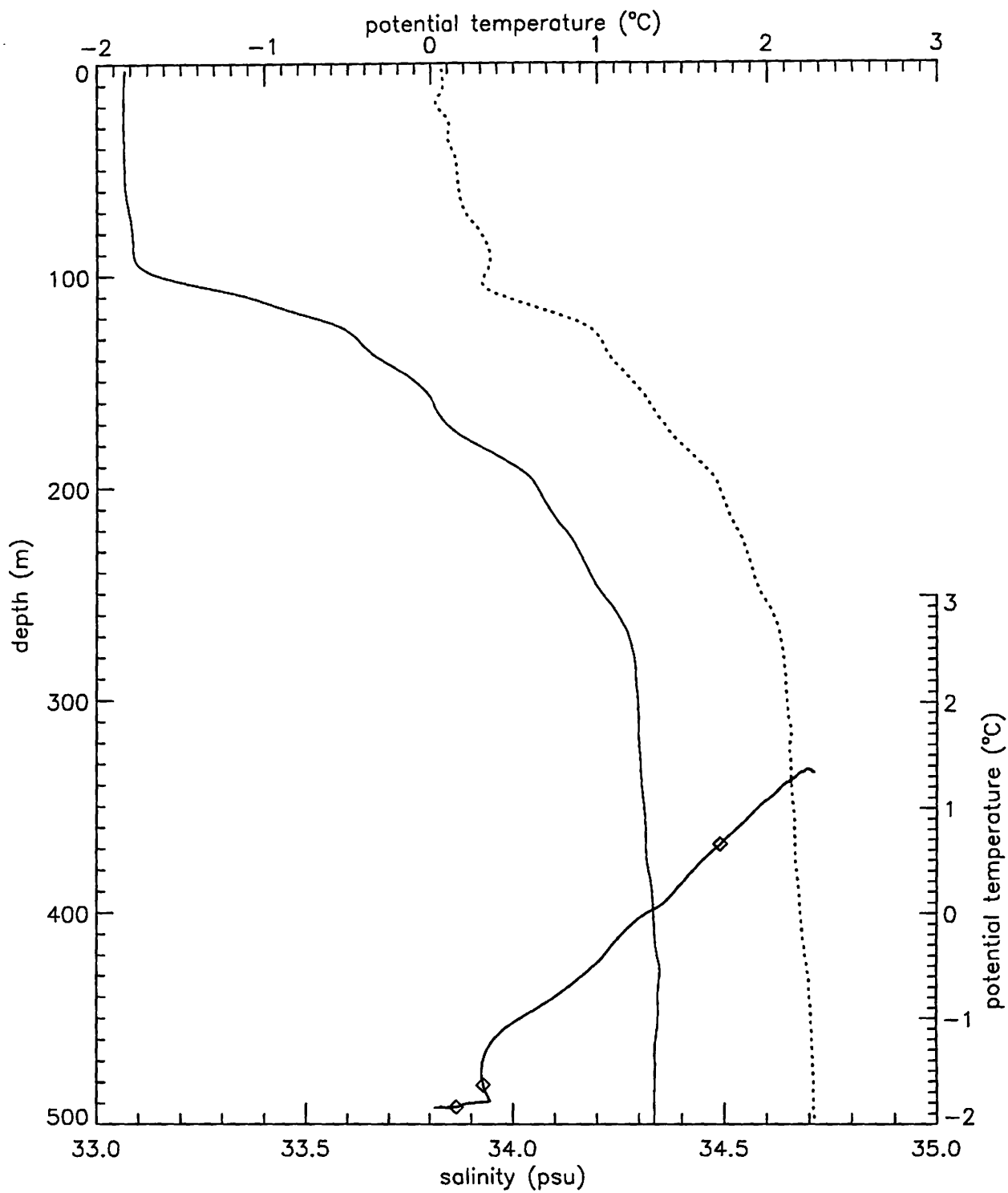
Station: 300.060
potential temperature (°C)



LTER 93c Station: 300.040 (392) JulianDay: 261 GMT: 1830
 Latitude: 66° 52.94' S Longitude: 68° 58.53' W Depth: 680 m

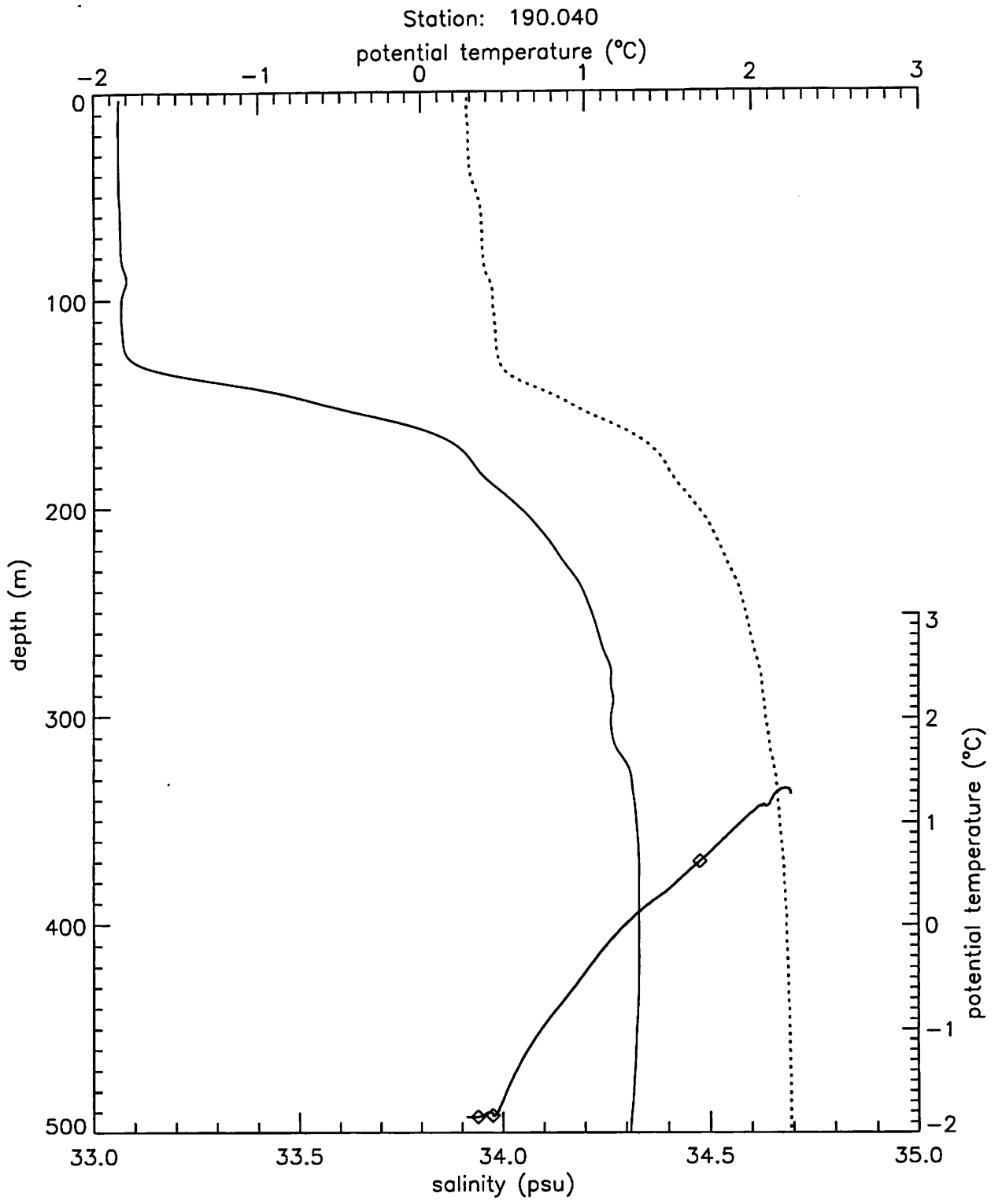
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.834	-1.834	33.826	27.227	0.0017	5.04e-06
10	-1.839	-1.839	33.830	27.231	0.0058	-4.48e-06
20	-1.841	-1.841	33.813	27.217	0.0142	1.25e-05
30	-1.840	-1.841	33.844	27.242	0.0224	3.94e-06
40	-1.837	-1.838	33.851	27.247	0.0306	1.55e-05
50	-1.835	-1.836	33.864	27.258	0.0386	3.82e-06
60	-1.829	-1.830	33.869	27.262	0.0466	5.94e-06
70	-1.806	-1.808	33.884	27.274	0.0545	2.20e-05
80	-1.788	-1.789	33.923	27.305	0.0622	2.56e-05
90	-1.781	-1.783	33.944	27.322	0.0696	2.79e-06
100	-1.625	-1.628	33.929	27.305	0.0770	-1.99e-05
110	-1.080	-1.082	33.986	27.335	0.0846	8.49e-05
120	-0.682	-0.685	34.138	27.442	0.0913	8.10e-05
130	-0.436	-0.440	34.209	27.489	0.0973	2.04e-05
140	-0.281	-0.286	34.240	27.507	0.1030	2.27e-05
150	-0.087	-0.092	34.286	27.535	0.1085	2.61e-05
160	0.023	0.018	34.325	27.560	0.1138	2.16e-05
180	0.309	0.302	34.405	27.609	0.1237	2.57e-05
200	0.659	0.650	34.490	27.658	0.1326	1.06e-05
220	0.830	0.820	34.534	27.682	0.1409	1.37e-05
240	0.971	0.960	34.569	27.702	0.1489	7.23e-06
260	1.141	1.129	34.617	27.729	0.1564	1.07e-05
280	1.236	1.222	34.640	27.741	0.1636	3.16e-06
300	1.257	1.242	34.647	27.746	0.1706	2.55e-06
320	1.264	1.248	34.653	27.750	0.1776	-2.01e-06
340	1.282	1.266	34.657	27.752	0.1845	1.52e-06
360	1.306	1.288	34.665	27.756	0.1914	1.22e-06
380	1.324	1.305	34.670	27.759	0.1982	2.80e-06
400	1.354	1.334	34.679	27.764	0.2050	2.55e-06
420	1.377	1.355	34.689	27.771	0.2117	4.44e-06
440	1.382	1.360	34.700	27.780	0.2183	2.37e-06
460	1.371	1.347	34.705	27.784	0.2247	2.74e-06
480	1.365	1.341	34.709	27.788	0.2311	1.10e-06
500	1.365	1.339	34.711	27.790	0.2374	0.00e+00

Station: 300.040



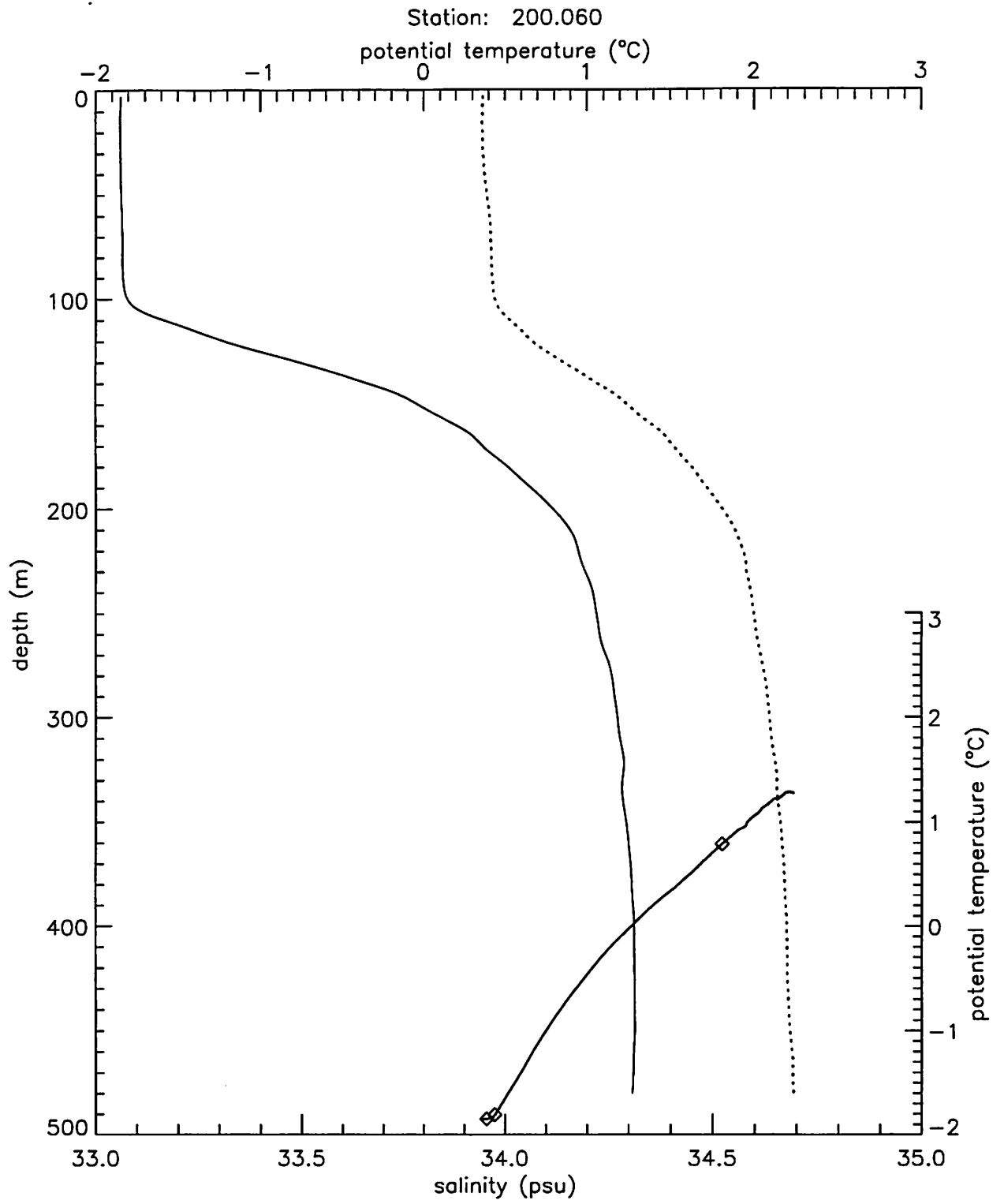
LTER 93c Station: 190.040 (398) JulianDay: 263 GMT: 1312
 Latitude: 67° 35.19' S Longitude: 70° 47.21' W Depth: 650 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.846	-1.846	33.914	27.299	0.0015	-2.42e-06
10	-1.848	-1.848	33.914	27.299	0.0053	9.08e-07
20	-1.848	-1.848	33.916	27.301	0.0130	8.48e-07
30	-1.847	-1.848	33.917	27.301	0.0206	1.51e-06
40	-1.847	-1.847	33.922	27.306	0.0282	9.39e-06
50	-1.845	-1.846	33.939	27.319	0.0357	1.16e-05
60	-1.839	-1.840	33.948	27.327	0.0430	3.88e-06
70	-1.838	-1.839	33.950	27.328	0.0504	7.27e-07
80	-1.833	-1.835	33.952	27.330	0.0577	3.51e-06
90	-1.799	-1.800	33.966	27.340	0.0649	1.47e-05
100	-1.829	-1.831	33.975	27.349	0.0720	1.94e-06
110	-1.829	-1.831	33.980	27.353	0.0791	3.82e-06
120	-1.818	-1.821	33.984	27.355	0.0862	2.67e-06
130	-1.745	-1.747	33.993	27.361	0.0932	1.38e-05
140	-1.205	-1.209	34.060	27.399	0.1000	5.68e-05
150	-0.612	-0.617	34.169	27.465	0.1064	5.45e-05
160	-0.083	-0.089	34.276	27.526	0.1121	5.72e-05
180	0.343	0.336	34.399	27.603	0.1222	1.87e-05
200	0.626	0.618	34.476	27.648	0.1313	2.09e-05
220	0.838	0.828	34.531	27.680	0.1398	1.12e-05
240	1.006	0.995	34.574	27.703	0.1477	7.65e-06
260	1.094	1.082	34.597	27.716	0.1553	5.89e-06
280	1.171	1.158	34.622	27.731	0.1627	5.04e-06
300	1.170	1.156	34.632	27.739	0.1699	6.01e-06
320	1.251	1.235	34.650	27.748	0.1769	2.67e-06
340	1.315	1.298	34.663	27.754	0.1838	1.82e-06
360	1.339	1.321	34.672	27.760	0.1907	3.28e-06
380	1.346	1.327	34.679	27.765	0.1974	1.58e-06
400	1.346	1.326	34.683	27.769	0.2041	2.43e-07
420	1.346	1.324	34.687	27.771	0.2108	9.12e-07
440	1.340	1.318	34.690	27.774	0.2174	1.40e-06
460	1.328	1.305	34.691	27.777	0.2239	1.22e-06
480	1.316	1.292	34.693	27.779	0.2305	7.30e-07
500	1.298	1.273	34.693	27.780	0.2370	0.00e+00



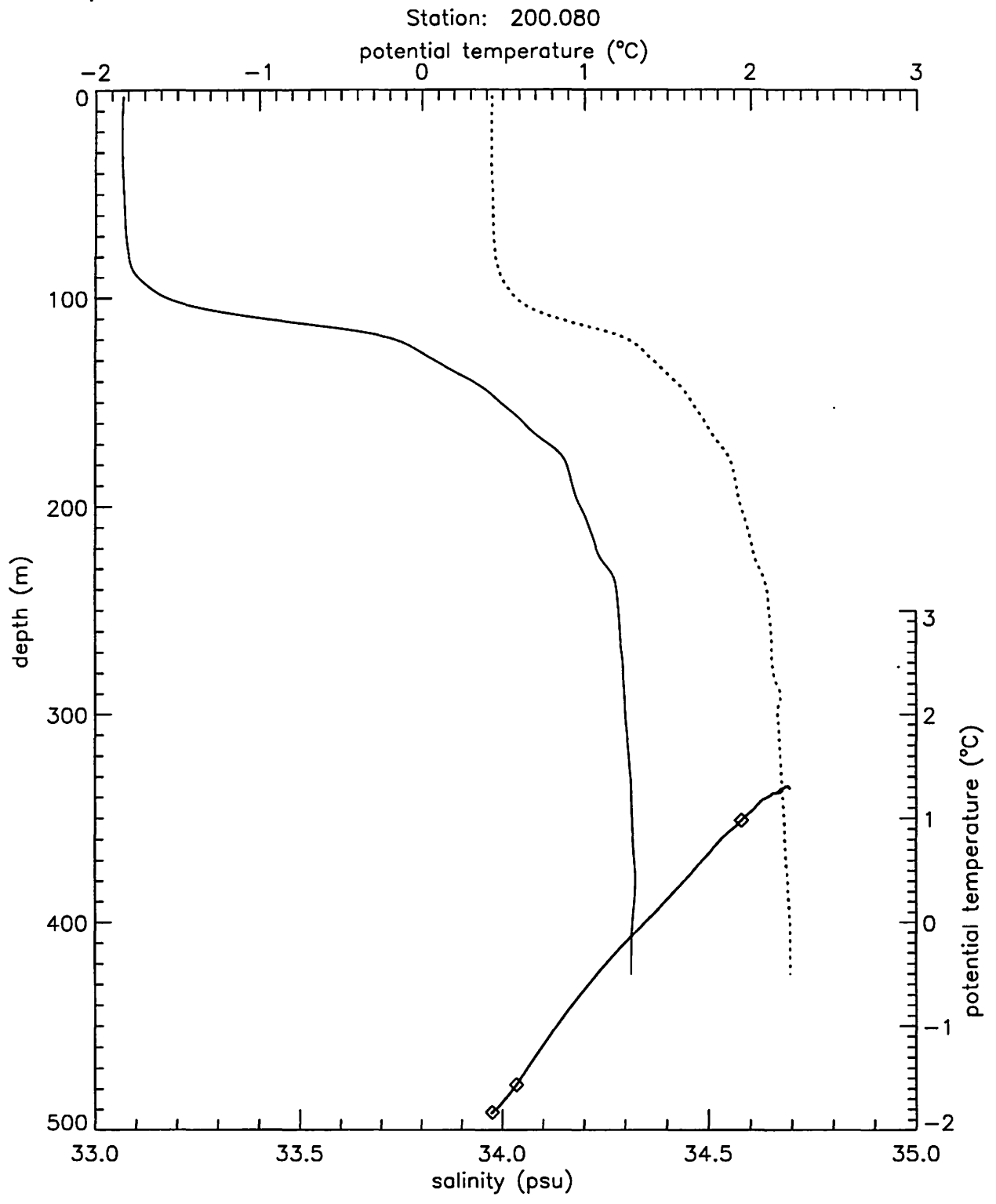
LTER 93c Station: 200.060 (404) JulianDay: 264 GMT: 1351
 Latitude: 67° 22.74' S Longitude: 70° 54.39' W Depth: 480 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.847	-1.848	33.946	27.325	0.0015	-2.83e-06
10	-1.848	-1.849	33.945	27.324	0.0052	-1.51e-06
20	-1.849	-1.849	33.945	27.324	0.0126	7.87e-07
30	-1.848	-1.849	33.946	27.325	0.0200	2.36e-06
40	-1.847	-1.847	33.950	27.328	0.0273	3.21e-06
50	-1.844	-1.845	33.955	27.333	0.0346	5.27e-06
60	-1.840	-1.841	33.962	27.338	0.0419	3.76e-06
70	-1.838	-1.839	33.965	27.340	0.0491	1.51e-06
80	-1.836	-1.837	33.967	27.342	0.0563	1.51e-06
90	-1.832	-1.833	33.969	27.344	0.0635	2.12e-06
100	-1.804	-1.806	33.975	27.348	0.0706	1.01e-05
110	-1.577	-1.580	34.011	27.371	0.0777	3.07e-05
120	-1.210	-1.213	34.066	27.404	0.0844	3.26e-05
130	-0.754	-0.758	34.142	27.448	0.0908	4.52e-05
140	-0.340	-0.345	34.224	27.497	0.0967	4.38e-05
150	-0.037	-0.042	34.295	27.539	0.1023	3.31e-05
160	0.201	0.195	34.356	27.576	0.1075	3.53e-05
180	0.522	0.515	34.449	27.632	0.1170	2.24e-05
200	0.799	0.790	34.522	27.675	0.1256	1.83e-05
220	0.957	0.947	34.573	27.705	0.1335	9.77e-06
240	1.047	1.036	34.592	27.715	0.1411	4.80e-06
260	1.089	1.077	34.606	27.723	0.1486	4.49e-06
280	1.165	1.151	34.625	27.734	0.1559	5.35e-06
300	1.200	1.186	34.637	27.741	0.1630	2.92e-06
320	1.238	1.222	34.649	27.748	0.1700	5.53e-06
340	1.233	1.217	34.656	27.754	0.1769	2.61e-06
360	1.266	1.248	34.666	27.760	0.1838	1.58e-06
380	1.286	1.267	34.671	27.763	0.1905	3.65e-07
400	1.301	1.281	34.676	27.766	0.1972	6.08e-07
420	1.305	1.284	34.678	27.767	0.2039	7.30e-07
440	1.308	1.286	34.682	27.770	0.2106	1.46e-06
460	1.304	1.281	34.690	27.777	0.2172	3.53e-06
480	1.298	1.274	34.693	27.780	0.2237	0.00e+00



LTER 93c Station: 200.080 (414) JulianDay: 264 GMT: 1905
 Latitude: 67° 14.89' S Longitude: 71° 12.63' W Depth: 450 m

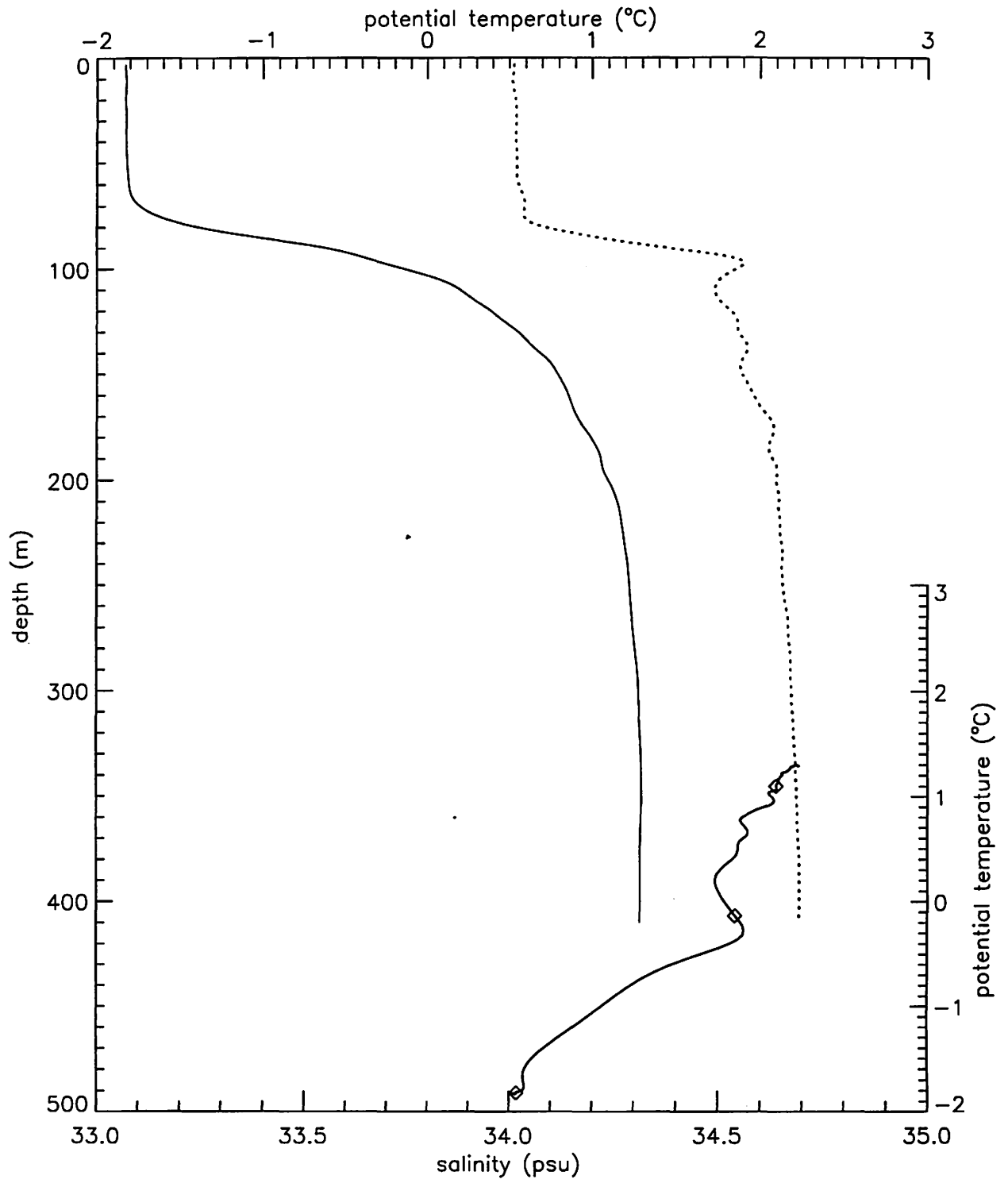
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.833	-1.833	33.973	27.347	0.0014	4.04e-07
10	-1.836	-1.836	33.973	27.347	0.0050	-6.66e-07
20	-1.837	-1.837	33.972	27.346	0.0122	0.00e+00
30	-1.836	-1.837	33.972	27.346	0.0194	0.00e+00
40	-1.831	-1.832	33.973	27.347	0.0266	1.51e-06
50	-1.825	-1.826	33.975	27.348	0.0337	7.27e-07
60	-1.820	-1.821	33.976	27.349	0.0409	1.39e-06
70	-1.813	-1.814	33.978	27.350	0.0480	2.06e-06
80	-1.794	-1.796	33.983	27.354	0.0551	6.24e-06
90	-1.737	-1.738	33.999	27.365	0.0621	1.64e-05
100	-1.559	-1.561	34.035	27.390	0.0690	3.58e-05
110	-0.946	-0.949	34.143	27.457	0.0754	9.38e-05
120	-0.158	-0.162	34.309	27.557	0.0810	5.73e-05
130	0.090	0.085	34.369	27.592	0.0860	3.00e-05
140	0.331	0.326	34.423	27.623	0.0908	2.61e-05
150	0.499	0.493	34.462	27.645	0.0952	1.65e-05
160	0.643	0.637	34.494	27.662	0.0995	1.47e-05
180	0.906	0.898	34.557	27.696	0.1077	8.86e-06
200	0.990	0.981	34.579	27.708	0.1154	7.65e-06
220	1.088	1.078	34.607	27.724	0.1229	5.77e-06
240	1.211	1.200	34.641	27.743	0.1301	5.65e-06
260	1.232	1.220	34.650	27.750	0.1370	2.67e-06
280	1.253	1.239	34.657	27.754	0.1439	7.41e-06
300	1.266	1.251	34.666	27.760	0.1506	-1.88e-06
320	1.288	1.273	34.673	27.764	0.1573	1.52e-06
340	1.304	1.287	34.678	27.767	0.1640	2.19e-06
360	1.314	1.296	34.683	27.771	0.1706	1.82e-06
380	1.329	1.310	34.690	27.775	0.1772	2.49e-06
400	1.312	1.292	34.695	27.780	0.1837	1.40e-06
420	1.307	1.286	34.696	27.782	0.1901	0.00e+00



LTER 93c	Station: 200.100 (419)	JulianDay: 265	GMT: 0022
	Latitude: 67° 6.86' S	Longitude: 71° 31.82' W	Depth: 420 m

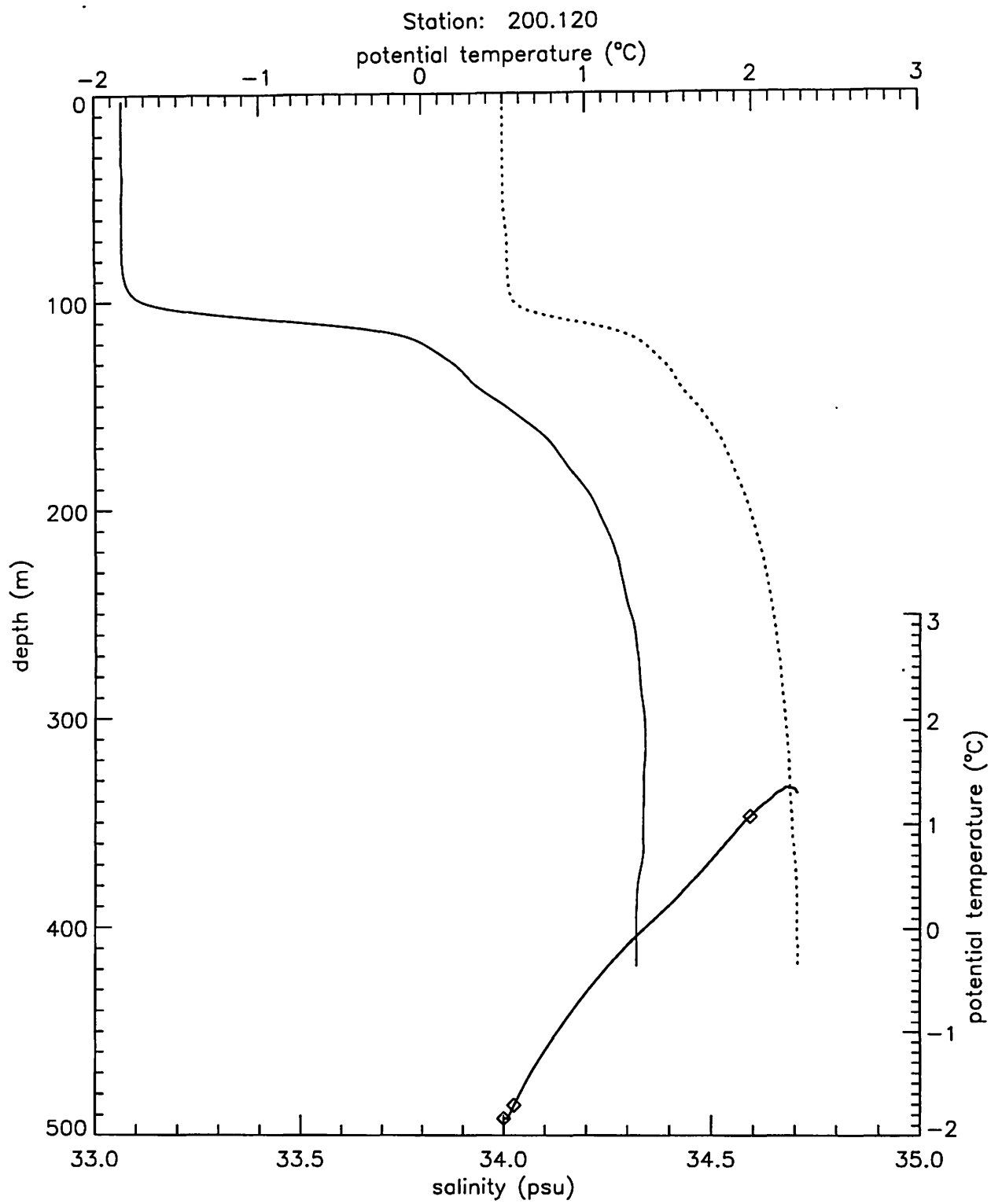
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.828	-1.828	34.011	27.378	0.0014	0.00e+00
10	-1.824	-1.824	34.008	27.375	0.0048	-7.87e-07
20	-1.827	-1.828	34.015	27.381	0.0117	4.66e-06
30	-1.825	-1.825	34.016	27.382	0.0186	-1.21e-07
40	-1.822	-1.823	34.016	27.382	0.0254	6.06e-07
50	-1.818	-1.819	34.018	27.383	0.0322	5.45e-07
60	-1.808	-1.809	34.022	27.386	0.0390	1.11e-05
70	-1.740	-1.741	34.037	27.396	0.0457	-3.09e-06
80	-1.380	-1.382	34.091	27.430	0.0524	1.28e-04
90	-0.595	-0.597	34.391	27.643	0.0578	2.24e-04
100	-0.133	-0.136	34.541	27.743	0.0613	-5.82e-05
110	0.208	0.203	34.493	27.686	0.0651	-1.07e-05
120	0.397	0.393	34.533	27.707	0.0690	2.20e-05
130	0.567	0.562	34.551	27.712	0.0728	7.89e-06
140	0.704	0.698	34.567	27.717	0.0765	-1.95e-05
150	0.805	0.799	34.560	27.704	0.0803	9.34e-06
160	0.869	0.862	34.586	27.722	0.0840	1.74e-05
180	1.006	0.998	34.628	27.747	0.0910	-1.54e-05
200	1.109	1.099	34.639	27.749	0.0979	-2.67e-06
220	1.188	1.178	34.648	27.750	0.1048	7.29e-07
240	1.226	1.214	34.653	27.752	0.1116	-1.64e-06
260	1.246	1.233	34.661	27.757	0.1185	5.41e-06
280	1.271	1.258	34.671	27.763	0.1252	2.92e-06
300	1.293	1.278	34.674	27.765	0.1319	1.22e-06
320	1.305	1.289	34.681	27.769	0.1385	1.76e-06
340	1.315	1.298	34.686	27.772	0.1451	1.40e-06
360	1.312	1.294	34.689	27.775	0.1516	1.82e-06
380	1.308	1.289	34.693	27.779	0.1581	8.51e-07
400	1.308	1.288	34.693	27.779	0.1645	1.82e-07

Station: 200.100



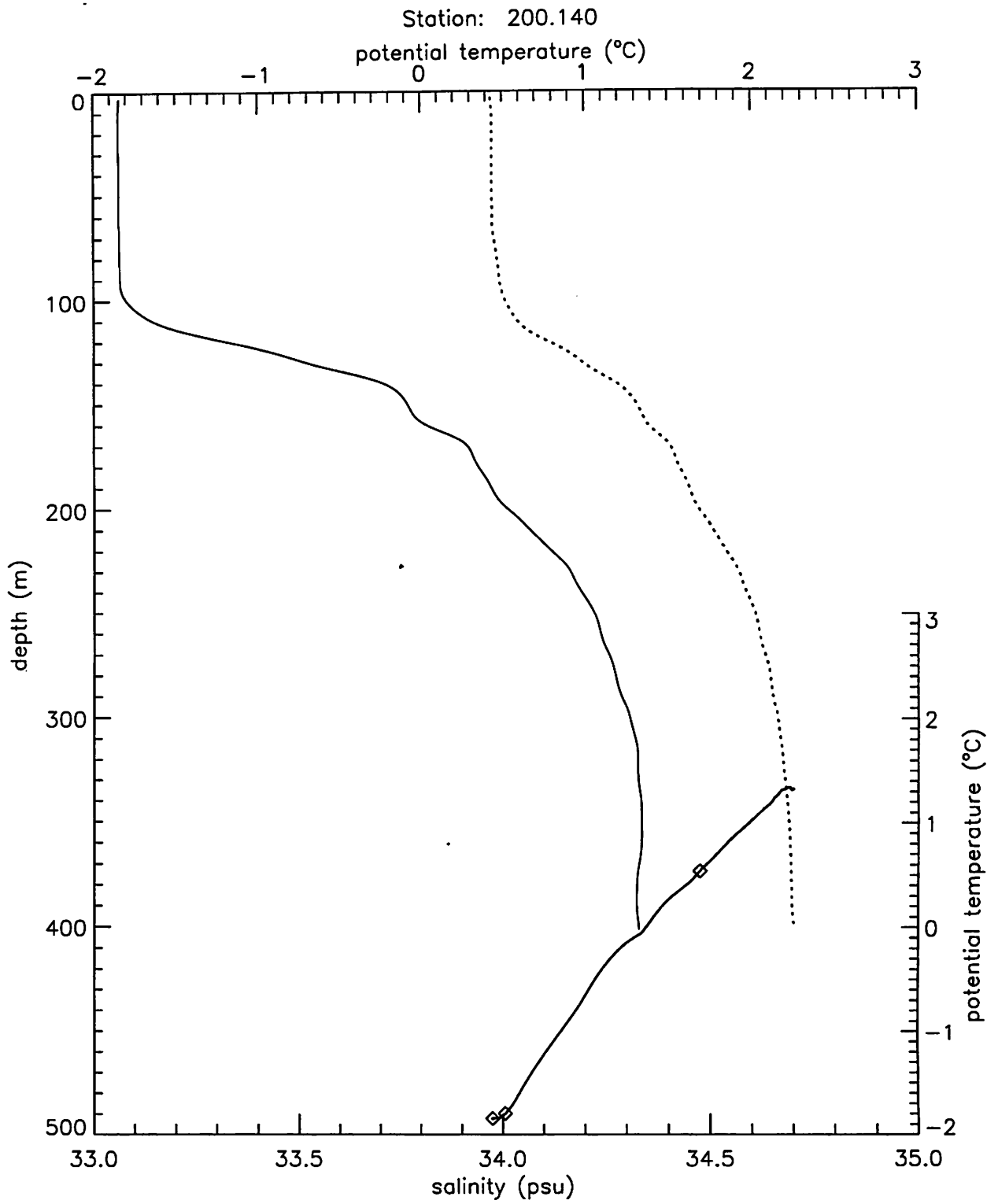
LTER 93c	Station: 200.120 (424)	JulianDay: 265	GMT: 1119
	Latitude: 66° 59.13' S	Longitude: 71° 50.22' W	Depth: 430 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.833	-1.833	34.000	27.369	0.0014	0.00e+00
10	-1.834	-1.834	34.000	27.369	0.0049	0.00e+00
20	-1.835	-1.836	34.000	27.369	0.0119	0.00e+00
30	-1.834	-1.835	34.000	27.369	0.0188	0.00e+00
40	-1.829	-1.830	34.000	27.369	0.0258	0.00e+00
50	-1.833	-1.834	34.000	27.369	0.0327	7.87e-07
60	-1.832	-1.834	34.004	27.372	0.0397	4.73e-06
70	-1.832	-1.834	34.009	27.376	0.0466	2.36e-06
80	-1.831	-1.832	34.010	27.377	0.0534	-1.21e-07
90	-1.815	-1.816	34.012	27.378	0.0603	2.79e-06
100	-1.703	-1.705	34.025	27.386	0.0671	3.01e-05
110	-0.708	-0.711	34.182	27.479	0.0735	1.21e-04
120	-0.002	-0.007	34.338	27.572	0.0789	4.46e-05
130	0.195	0.191	34.391	27.604	0.0838	2.51e-05
140	0.326	0.321	34.424	27.624	0.0884	1.78e-05
150	0.511	0.505	34.467	27.647	0.0929	2.14e-05
160	0.683	0.676	34.504	27.668	0.0972	1.67e-05
180	0.908	0.900	34.554	27.693	0.1053	8.98e-06
200	1.082	1.073	34.593	27.713	0.1130	7.59e-06
220	1.189	1.179	34.621	27.729	0.1204	5.89e-06
240	1.248	1.237	34.641	27.741	0.1276	4.98e-06
260	1.312	1.299	34.656	27.749	0.1346	3.40e-06
280	1.336	1.322	34.667	27.756	0.1414	3.10e-06
300	1.367	1.353	34.678	27.762	0.1482	3.10e-06
320	1.368	1.352	34.686	27.769	0.1549	2.25e-06
340	1.363	1.346	34.690	27.773	0.1614	2.49e-06
360	1.362	1.344	34.697	27.778	0.1679	3.40e-06
380	1.328	1.309	34.704	27.787	0.1743	2.55e-06
400	1.321	1.301	34.705	27.788	0.1806	0.00e+00



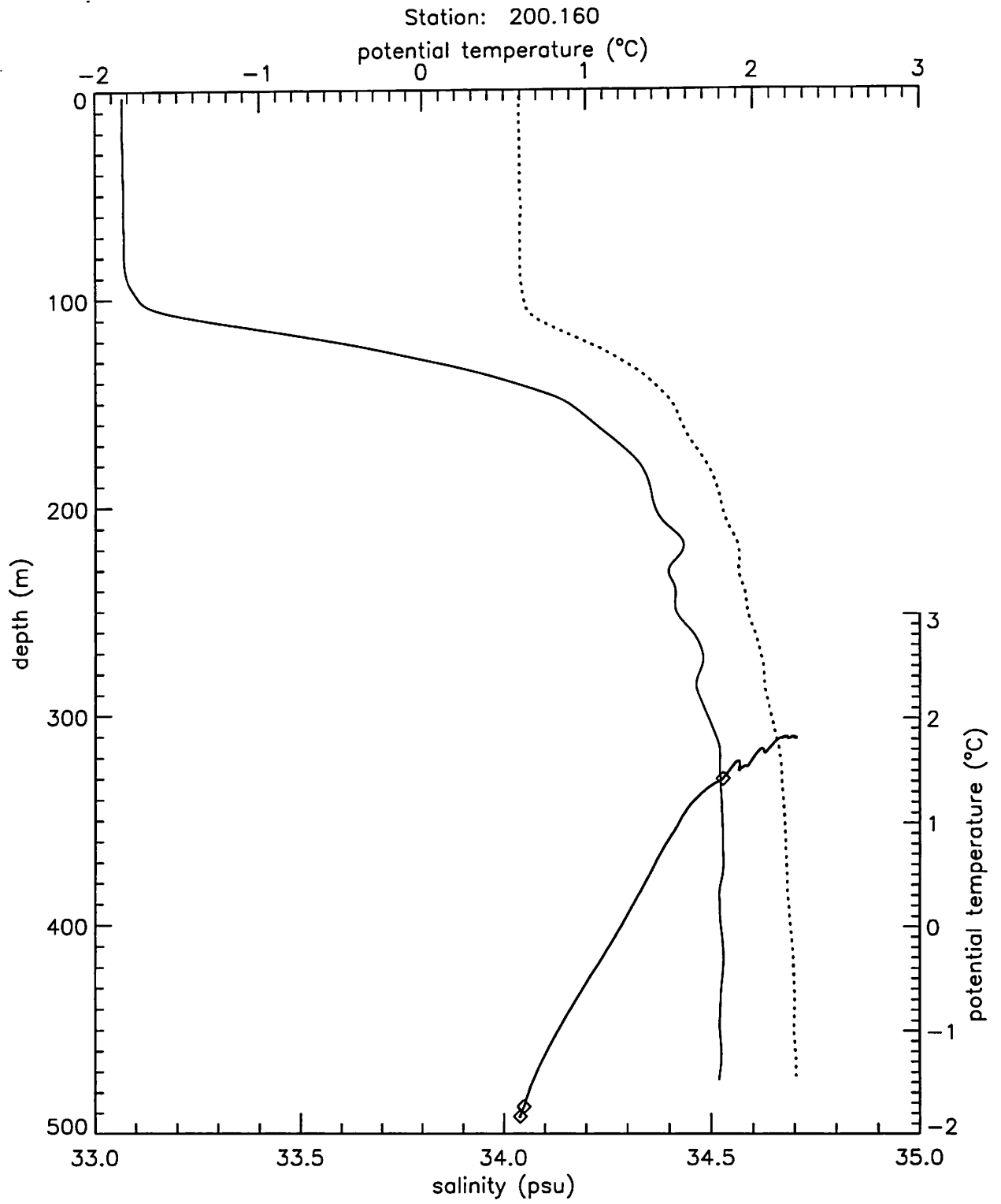
LTER 93c Station: 200.140 (429) JulianDay: 265 GMT: 1435
 Latitude: 66° 50.98' S Longitude: 72° 8.41' W Depth: 400 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.843	-1.843	33.973	27.347	0.0014	2.83e-06
10	-1.846	-1.846	33.975	27.349	0.0050	2.48e-06
20	-1.847	-1.847	33.976	27.350	0.0122	1.21e-07
30	-1.845	-1.846	33.975	27.349	0.0193	-9.08e-07
40	-1.844	-1.845	33.975	27.349	0.0265	0.00e+00
50	-1.843	-1.844	33.975	27.349	0.0336	7.27e-07
60	-1.842	-1.843	33.976	27.349	0.0408	0.00e+00
70	-1.840	-1.841	33.979	27.352	0.0479	5.33e-06
80	-1.838	-1.839	33.987	27.358	0.0549	5.57e-06
90	-1.835	-1.837	33.993	27.363	0.0619	5.27e-06
100	-1.794	-1.796	34.006	27.373	0.0689	1.53e-05
110	-1.630	-1.633	34.036	27.393	0.0757	2.61e-05
120	-1.159	-1.162	34.113	27.440	0.0822	5.46e-05
130	-0.685	-0.688	34.196	27.489	0.0882	3.71e-05
140	-0.221	-0.226	34.279	27.535	0.0938	4.06e-05
150	-0.078	-0.083	34.326	27.566	0.0990	1.97e-05
160	0.043	0.037	34.354	27.583	0.1040	2.13e-05
180	0.361	0.354	34.428	27.625	0.1134	1.40e-05
200	0.544	0.536	34.475	27.652	0.1223	1.61e-05
220	0.814	0.804	34.541	27.689	0.1306	1.66e-05
240	0.995	0.984	34.589	27.716	0.1383	1.08e-05
260	1.109	1.097	34.620	27.734	0.1456	5.95e-06
280	1.199	1.185	34.645	27.747	0.1527	3.34e-06
300	1.285	1.271	34.663	27.756	0.1596	3.58e-06
320	1.333	1.317	34.676	27.763	0.1663	3.71e-06
340	1.354	1.337	34.686	27.770	0.1730	3.34e-06
360	1.357	1.339	34.692	27.775	0.1796	1.95e-06
380	1.331	1.312	34.696	27.780	0.1860	1.09e-06
400	1.345	1.325	34.701	27.783	0.1925	3.04e-06



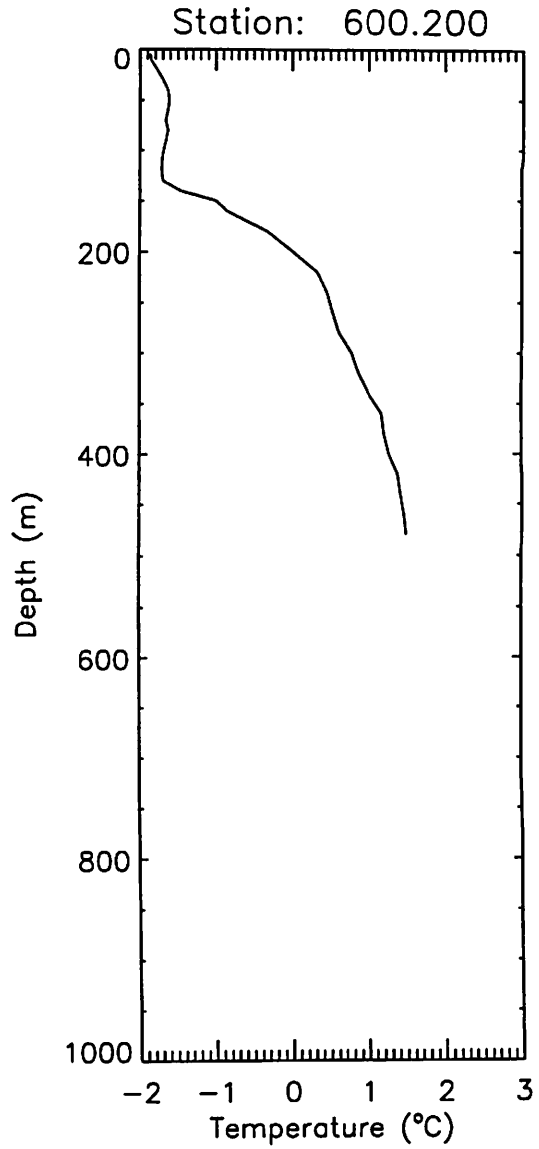
LTER 93c **Station:** 200.160 (437) **JulianDay:** 265 **GMT:** 1903
Latitude: 66° 42.93' S **Longitude:** 72° 26.25' W **Depth:** 3200 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-1.833	-1.833	34.038	27.400	0.0013	0.00e+00
10	-1.834	-1.834	34.038	27.400	0.0047	0.00e+00
20	-1.834	-1.834	34.038	27.400	0.0114	6.66e-07
30	-1.832	-1.832	34.039	27.400	0.0180	-1.21e-07
40	-1.830	-1.831	34.039	27.400	0.0247	-1.21e-07
50	-1.828	-1.829	34.040	27.401	0.0313	2.36e-06
60	-1.827	-1.829	34.041	27.402	0.0380	-1.64e-06
70	-1.825	-1.826	34.040	27.401	0.0446	0.00e+00
80	-1.823	-1.824	34.040	27.401	0.0512	-1.21e-07
90	-1.805	-1.807	34.042	27.402	0.0578	2.00e-06
100	-1.732	-1.734	34.049	27.406	0.0644	6.00e-06
110	-1.334	-1.337	34.087	27.425	0.0710	4.09e-05
120	-0.554	-0.558	34.198	27.485	0.0771	5.29e-05
130	0.071	0.067	34.294	27.533	0.0827	3.33e-05
140	0.575	0.570	34.362	27.559	0.0880	1.69e-05
150	0.908	0.901	34.409	27.577	0.0931	1.13e-05
160	1.067	1.060	34.431	27.584	0.0981	7.46e-06
180	1.343	1.334	34.494	27.616	0.1078	1.57e-05
200	1.427	1.417	34.528	27.637	0.1170	6.74e-06
220	1.589	1.578	34.567	27.657	0.1258	8.68e-06
240	1.551	1.539	34.582	27.672	0.1344	8.26e-06
260	1.662	1.648	34.607	27.684	0.1427	6.19e-06
280	1.687	1.673	34.626	27.697	0.1508	5.04e-06
300	1.748	1.732	34.646	27.709	0.1587	5.16e-06
320	1.819	1.802	34.667	27.720	0.1664	4.62e-06
340	1.830	1.812	34.674	27.725	0.1740	2.67e-06
360	1.839	1.820	34.679	27.729	0.1814	1.34e-06
380	1.826	1.805	34.683	27.733	0.1889	3.16e-06
400	1.830	1.808	34.690	27.739	0.1963	2.86e-06
420	1.844	1.821	34.697	27.743	0.2036	2.07e-06
440	1.829	1.805	34.700	27.747	0.2108	-4.26e-07
460	1.837	1.811	34.703	27.748	0.2180	2.07e-06



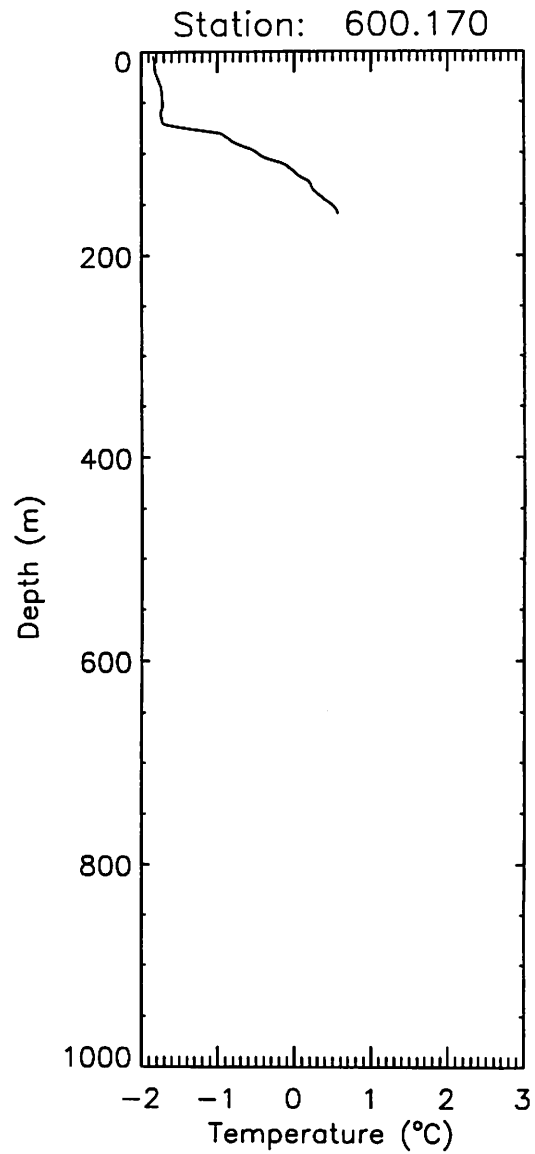
LTER	93c		
Station:	600.200 (16)	Depth:	3000 m
Latitude:	63° 57.630' S	JulianDay:	242
Longitude:	66° 50.534' W	GMT:	1816

Depth	Temp
5	-1.865
10	-1.859
20	-1.773
30	-1.695
40	-1.633
50	-1.613
60	-1.631
70	-1.661
80	-1.630
90	-1.657
100	-1.686
110	-1.707
120	-1.709
130	-1.695
140	-1.461
150	-1.001
160	-0.853
180	-0.320
200	0.015
220	0.331
240	0.459
260	0.534
280	0.617
300	0.787
320	0.878
340	1.010
360	1.183
380	1.213
400	1.275
420	1.390
440	1.429
460	1.474
480	1.504



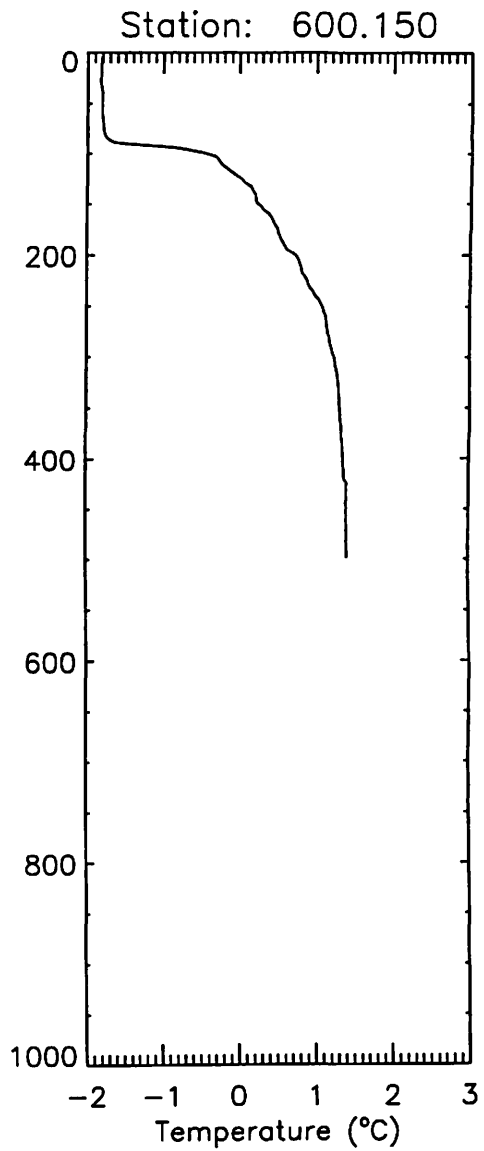
LTER	93c		
Station:	600.170 (35)	Depth:	415 m
Latitude:	64° 8.924' S	JulianDay:	243
Longitude:	66° 24.480' W	GMT:	1557

Depth	Temp
5	-1.841
10	-1.825
20	-1.813
30	-1.761
40	-1.730
50	-1.718
60	-1.747
70	-1.717
80	-0.960
90	-0.768
100	-0.482
110	-0.166
120	0.021
130	0.207
140	0.300
150	0.470



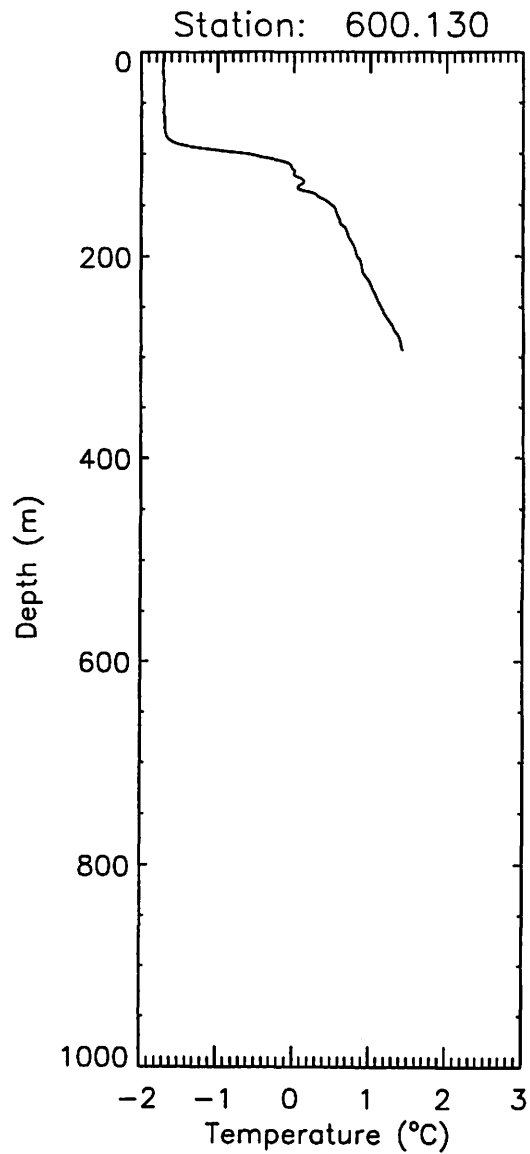
LTER	93c	Depth:	500 m
Station:	600.150 (45)	JulianDay:	243
Latitude:	64° 16.540' S	GMT:	2052
Longitude:	66° 6.422' W		

Depth	Temp
5	-1.816
10	-1.818
20	-1.820
30	-1.827
40	-1.806
50	-1.808
60	-1.807
70	-1.791
80	-1.772
90	-1.496
100	-0.436
110	-0.240
120	-0.077
130	0.088
140	0.201
150	0.239
160	0.382
180	0.514
200	0.724
220	0.836
240	0.987
260	1.125
280	1.167
300	1.240
320	1.291
340	1.316
360	1.329
380	1.356
400	1.372
420	1.379
440	1.414
460	1.410
480	1.413



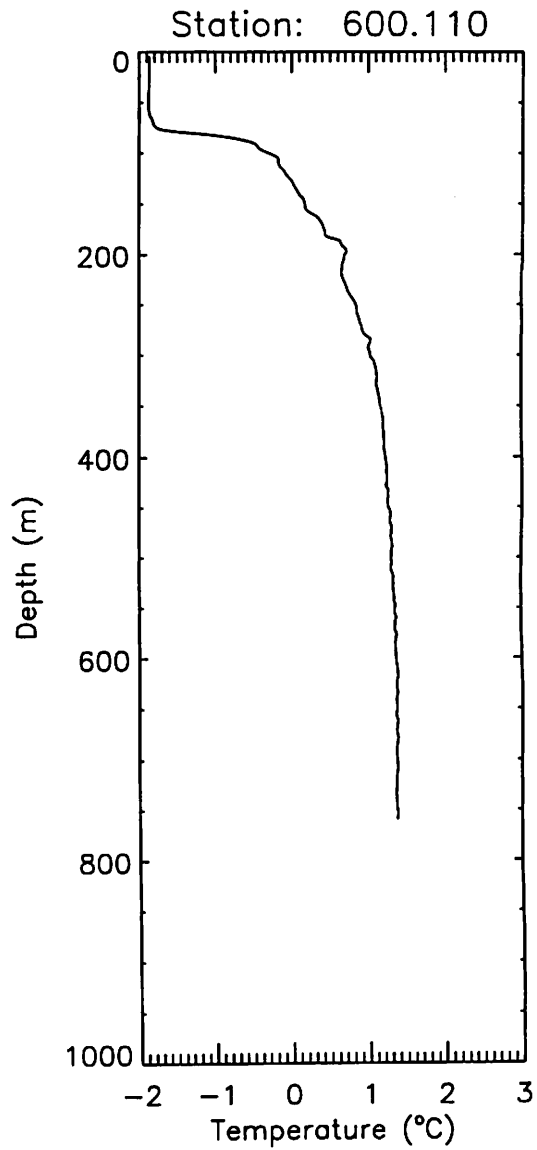
LTER	93c	Depth:	320 m
Station:	600.130 (54)	JulianDay:	244
Latitude:	64° 23.434' S	GMT:	0116
Longitude:	65° 48.627' W		

Depth	Temp
5	-1.712
10	-1.710
20	-1.710
30	-1.699
40	-1.703
50	-1.699
60	-1.701
70	-1.688
80	-1.680
90	-1.522
100	-0.600
110	-0.058
120	-0.004
130	0.095
140	0.299
150	0.492
160	0.566
180	0.705
200	0.819
220	0.934
240	1.076
260	1.206



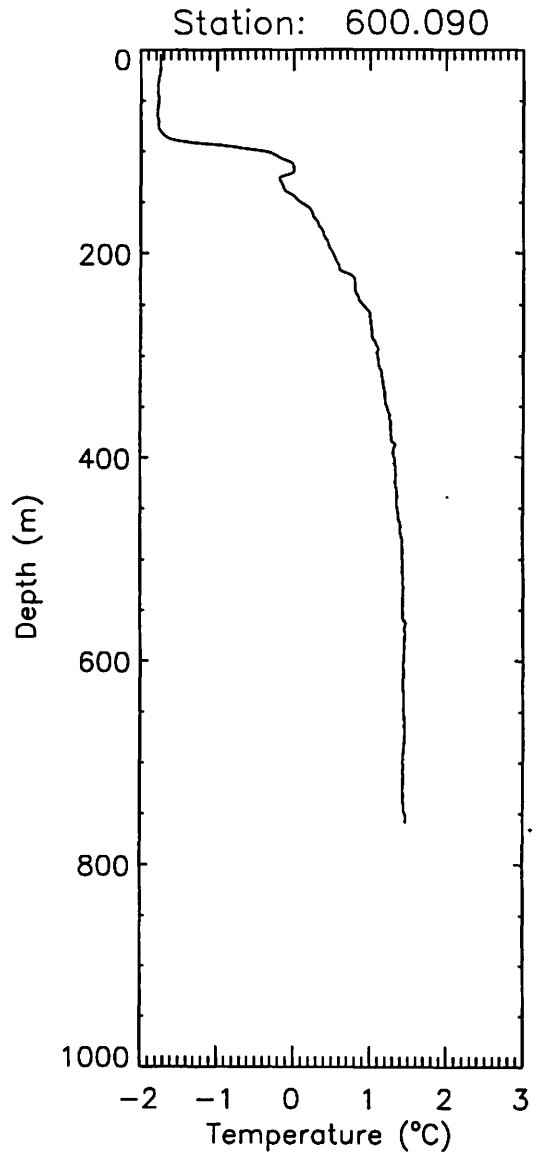
LTER	93c		
Station:	600.110 (66)	Depth:	-999 m
Latitude:	64° 31.095' S	JulianDay:	244
Longitude:	65° 29.240' W	GMT:	1605

Depth	Temp
5	-1.870
10	-1.870
20	-1.870
30	-1.865
40	-1.873
50	-1.879
60	-1.869
70	-1.820
80	-1.341
90	-0.479
100	-0.281
110	-0.166
120	-0.074
130	0.030
140	0.102
150	0.181
160	0.274
180	0.442
200	0.700
220	0.655
240	0.760
260	0.859
280	0.958
300	1.024
320	1.111
340	1.138
360	1.193
380	1.208
400	1.231
420	1.252
440	1.264
460	1.295
480	1.297
500	1.306
550	1.350
600	1.363
650	1.373
700	1.384



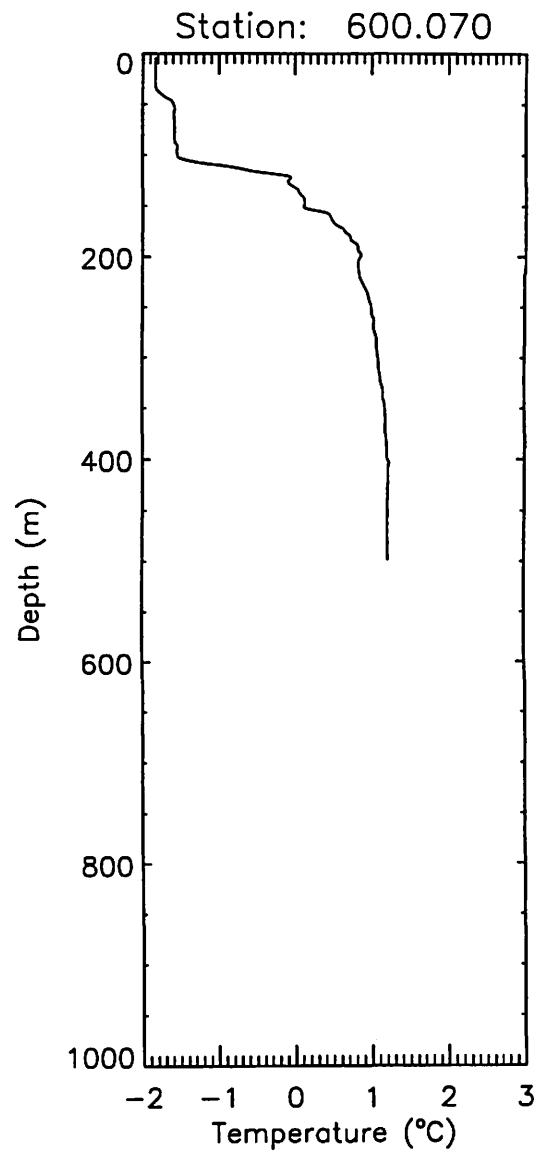
LTER 93c
Station: 600.090 (76) **Depth:** -999 m
Latitude: 64° 38.000' S **JulianDay:** 245
Longitude: 65° 11.000' W **GMT:** 0211

Depth	Temp
5	-1.740
10	-1.740
20	-1.743
30	-1.761
40	-1.776
50	-1.768
60	-1.774
70	-1.760
80	-1.739
90	-1.468
100	-0.420
110	-0.071
120	-0.001
130	-0.171
140	-0.097
150	0.082
160	0.235
180	0.380
200	0.499
220	0.669
240	0.816
260	0.995
280	1.017
300	1.100
320	1.153
340	1.197
360	1.257
380	1.287
400	1.315
420	1.341
440	1.349
460	1.377
480	1.426
500	1.428
550	1.425
600	1.442
650	1.435
700	1.435



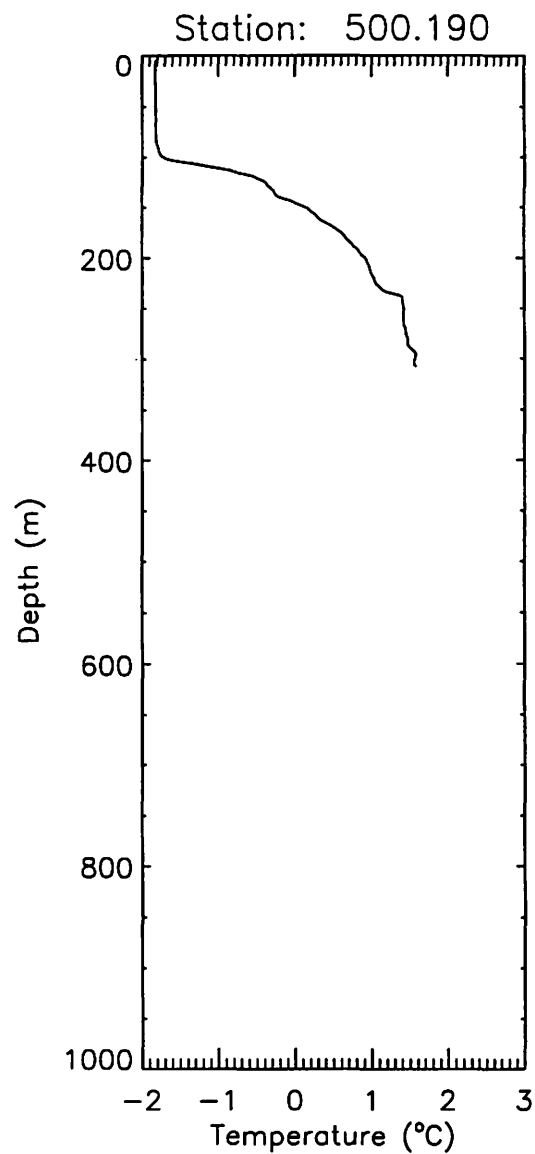
LTER 93c	
Station: 600.070 (95)	Depth: 500 m
Latitude: 64° 45.290' S	JulianDay: 246
Longitude: 64° 52.510' W	GMT: 0025

Depth	Temp
5	-1.836
10	-1.831
20	-1.830
30	-1.830
40	-1.751
50	-1.595
60	-1.593
70	-1.580
80	-1.580
90	-1.547
100	-1.544
110	-1.006
120	-0.112
130	-0.032
140	0.095
150	0.111
160	0.462
180	0.718
200	0.862
220	0.843
240	0.957
260	1.018
280	1.062
300	1.087
320	1.117
340	1.154
360	1.190
380	1.193
400	1.208
420	1.220
440	1.209
460	1.211
480	1.216



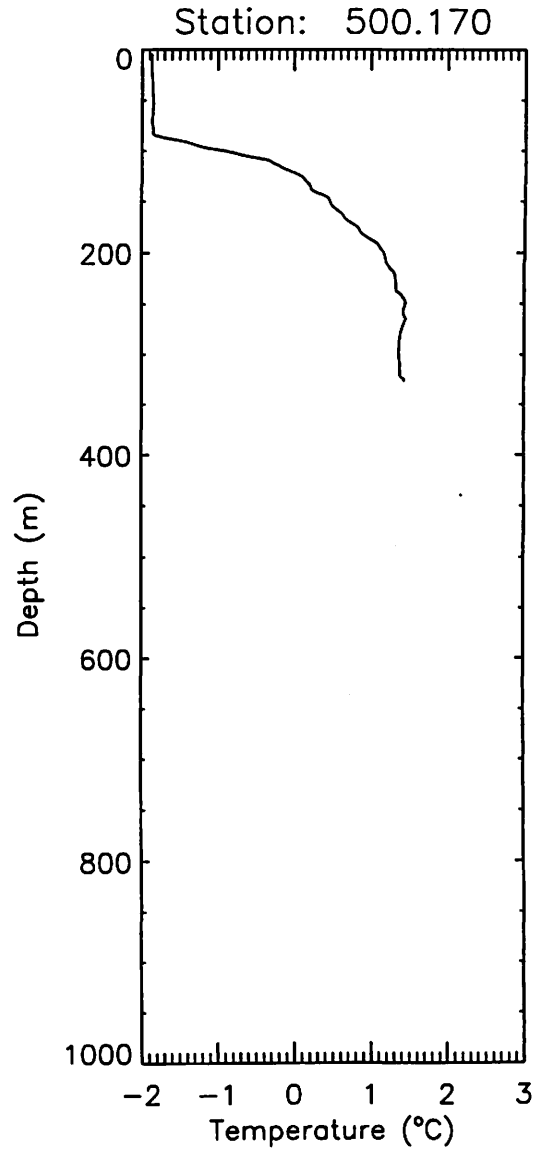
LTER 93c
Station: 500.190 (126) **Depth:** -999 m
Latitude: 64° 40.230' S **JulianDay:** 247
Longitude: 68° 8.830' W **GMT:** 0056

Depth	Temp
5	-1.827
10	-1.824
20	-1.827
30	-1.822
40	-1.821
50	-1.823
60	-1.821
70	-1.818
80	-1.819
90	-1.789
100	-1.716
110	-1.087
120	-0.530
130	-0.337
140	-0.206
150	0.127
160	0.289
180	0.651
200	0.905
220	1.022
240	1.400
260	1.418
280	1.476



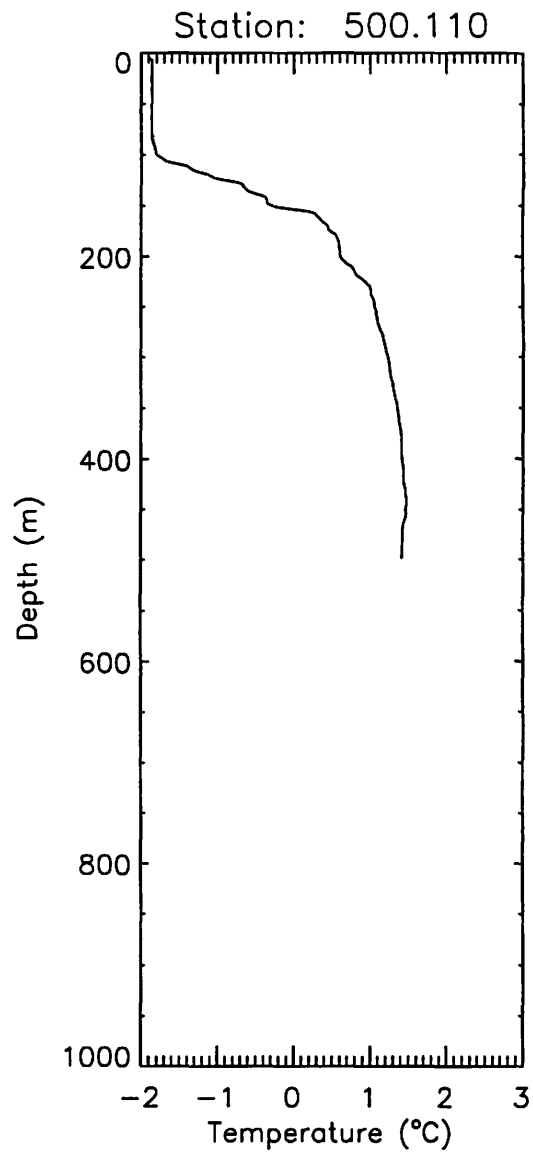
LTER	93c		
Station:	500.170 (135)	Depth:	400 m
Latitude:	64° 48.010' S	JulianDay:	248
Longitude:	67° 50.450' W	GMT:	1515

Depth	Temp
5	-1.869
10	-1.873
20	-1.871
30	-1.861
40	-1.861
50	-1.848
60	-1.856
70	-1.871
80	-1.851
90	-1.498
100	-0.945
110	-0.318
120	-0.049
130	0.149
140	0.260
150	0.467
160	0.583
180	0.867
200	1.175
220	1.308
240	1.386
260	1.425
280	1.387
300	1.366



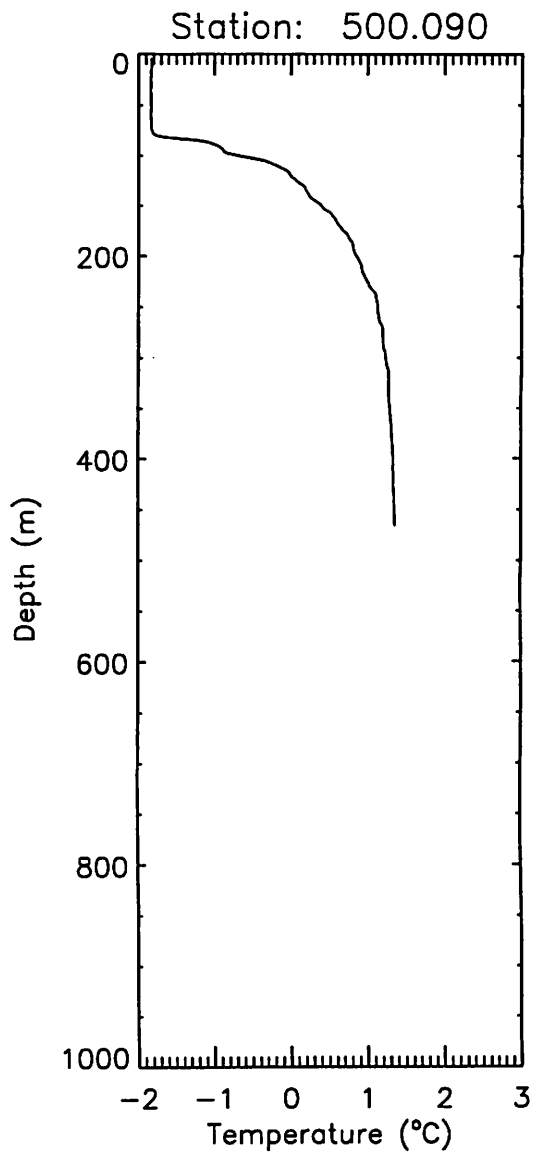
LTER	93c	Depth:	630 m
Station:	500.110 (162)	JulianDay:	249
Latitude:	65° 10.334' S	GMT:	1428
Longitude:	66° 55.900' W		

Depth	Temp
5	-1.888
10	-1.858
20	-1.856
30	-1.861
40	-1.856
50	-1.857
60	-1.859
70	-1.858
80	-1.856
90	-1.835
100	-1.798
110	-1.457
120	-1.106
130	-0.669
140	-0.437
150	-0.310
160	0.289
180	0.551
200	0.595
220	0.829
240	1.017
260	1.076
280	1.163
300	1.233
320	1.271
340	1.327
360	1.374
380	1.413
400	1.418
420	1.434
440	1.469
460	1.456
480	1.423



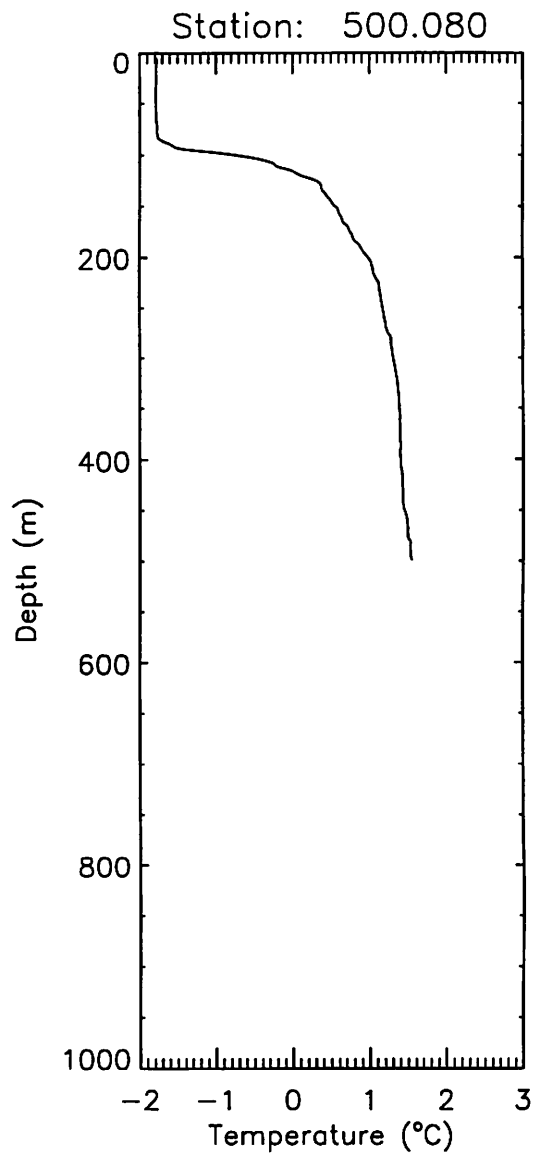
LTER	93c		
Station:	500.090 (171)	Depth:	470 m
Latitude:	65° 17.828' S	JulianDay:	249
Longitude:	66° 36.778' W	GMT:	1908

Depth	Temp
5	-1.829
10	-1.828
20	-1.833
30	-1.837
40	-1.833
50	-1.834
60	-1.840
70	-1.830
80	-1.759
90	-0.961
100	-0.697
110	-0.200
120	-0.011
130	0.151
140	0.232
150	0.392
160	0.537
180	0.739
200	0.849
220	0.959
240	1.112
260	1.147
280	1.200
300	1.239
320	1.276
340	1.283
360	1.301
380	1.320
400	1.337
420	1.337
440	1.347



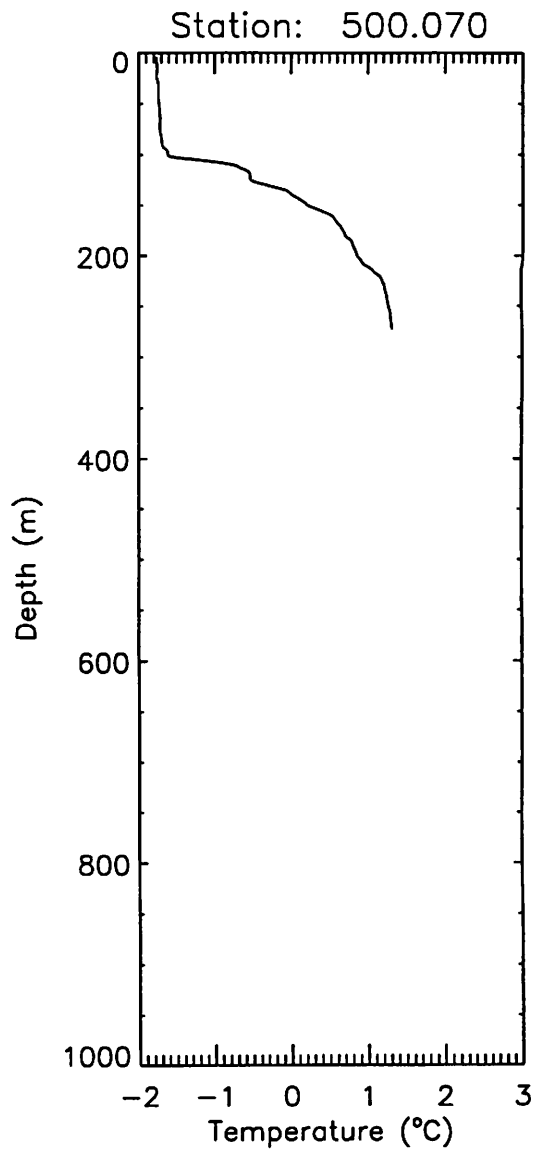
LTER	93c	Depth:	570 m
Station:	500.080 (173)	JulianDay:	249
Latitude:	65° 21.420' S	GMT:	1950
Longitude:	66° 27.420' W		

Depth	Temp
5	-1.776
10	-1.775
20	-1.784
30	-1.781
40	-1.786
50	-1.785
60	-1.779
70	-1.774
80	-1.768
90	-1.583
100	-0.747
110	-0.229
120	0.095
130	0.368
140	0.435
150	0.536
160	0.618
180	0.774
200	0.972
220	1.075
240	1.147
260	1.192
280	1.276
300	1.307
320	1.357
340	1.379
360	1.397
380	1.396
400	1.403
420	1.423
440	1.431
460	1.486
480	1.523



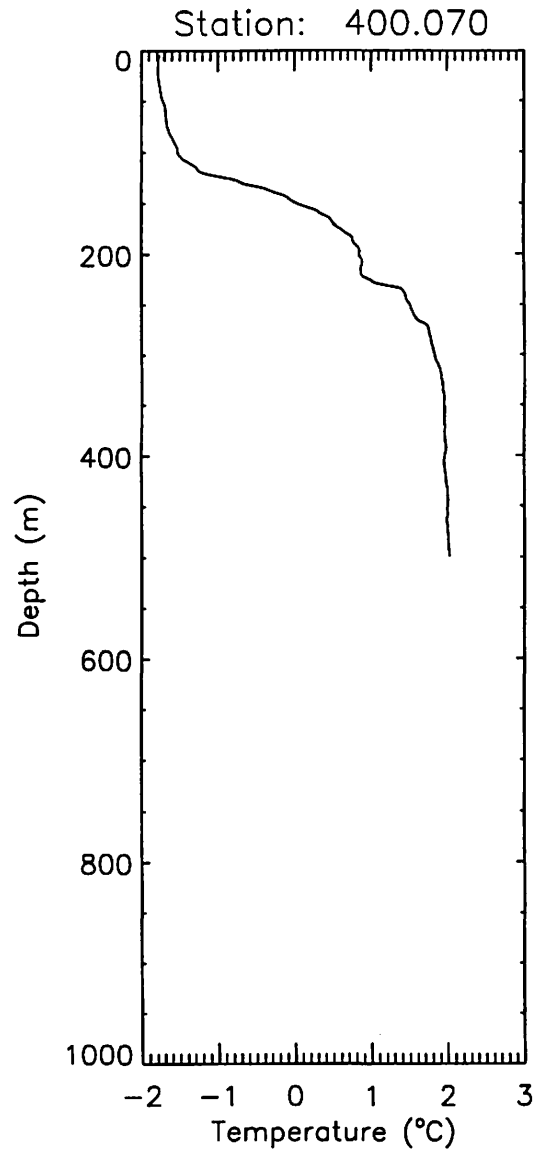
LTER	93c		
Station:	500.070 (175)	Depth:	440 m
Latitude:	65° 24.930' S	JulianDay:	249
Longitude:	66° 18.580' W	GMT:	2032

Depth	Temp
5	-1.765
10	-1.761
20	-1.757
30	-1.739
40	-1.740
50	-1.732
60	-1.721
70	-1.717
80	-1.708
90	-1.689
100	-1.617
110	-0.752
120	-0.535
130	-0.317
140	0.020
150	0.211
160	0.516
180	0.700
200	0.861
220	1.149
240	1.251



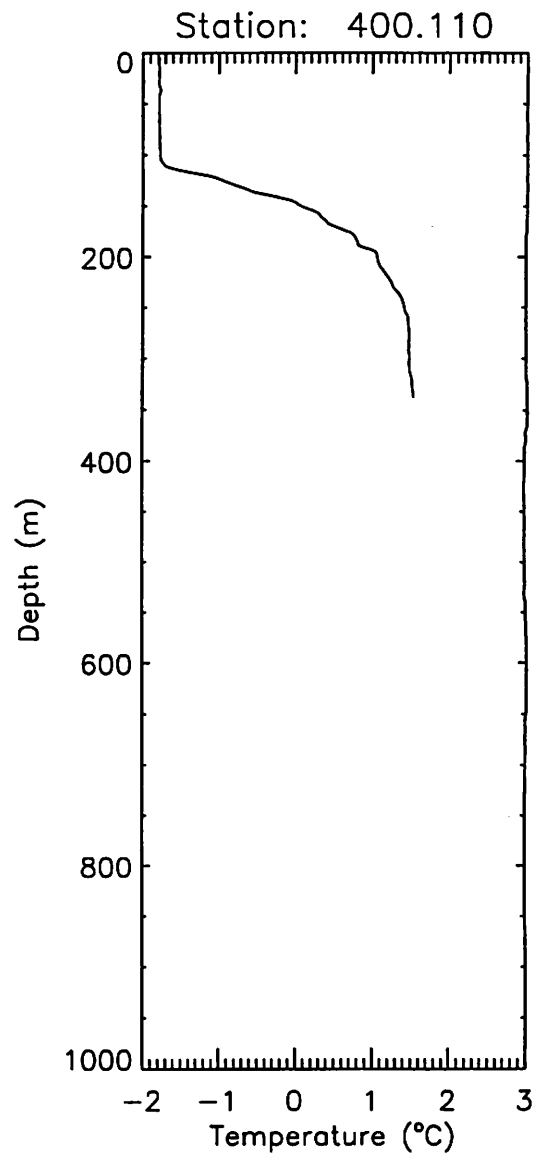
LTER 93c
Station: 400.070 (216) **Depth:** 480 m
Latitude: 66° 4.300' S **JulianDay:** 253
Longitude: 67° 47.740' W **GMT:** 0213

Depth	Temp
5	-1.771
10	-1.783
20	-1.786
30	-1.776
40	-1.757
50	-1.724
60	-1.691
70	-1.679
80	-1.645
90	-1.577
100	-1.535
110	-1.391
120	-1.212
130	-0.700
140	-0.251
150	0.015
160	0.323
180	0.665
200	0.841
220	0.867
240	1.448
260	1.557
280	1.763
300	1.830
320	1.913
340	1.948
360	1.954
380	1.961
400	1.964
420	1.974
440	2.000
460	1.997
480	2.004



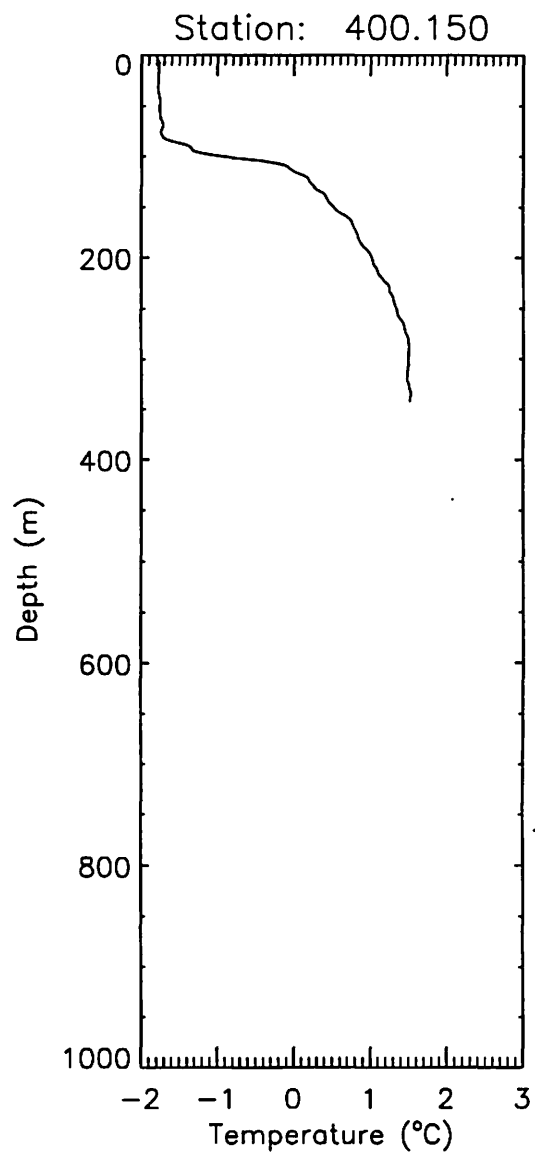
LTER	93c	Depth:	350 m
Station:	400.110 (240)	JulianDay:	254
Latitude:	65° 49.000' S	GMT:	1653
Longitude:	68° 26.250' W		

Depth	Temp
5	-1.785
10	-1.785
20	-1.783
30	-1.790
40	-1.778
50	-1.784
60	-1.783
70	-1.785
80	-1.781
90	-1.778
100	-1.772
110	-1.711
120	-1.150
130	-0.779
140	-0.334
150	0.058
160	0.319
180	0.758
200	1.061
220	1.204
240	1.382
260	1.470
280	1.490
300	1.493



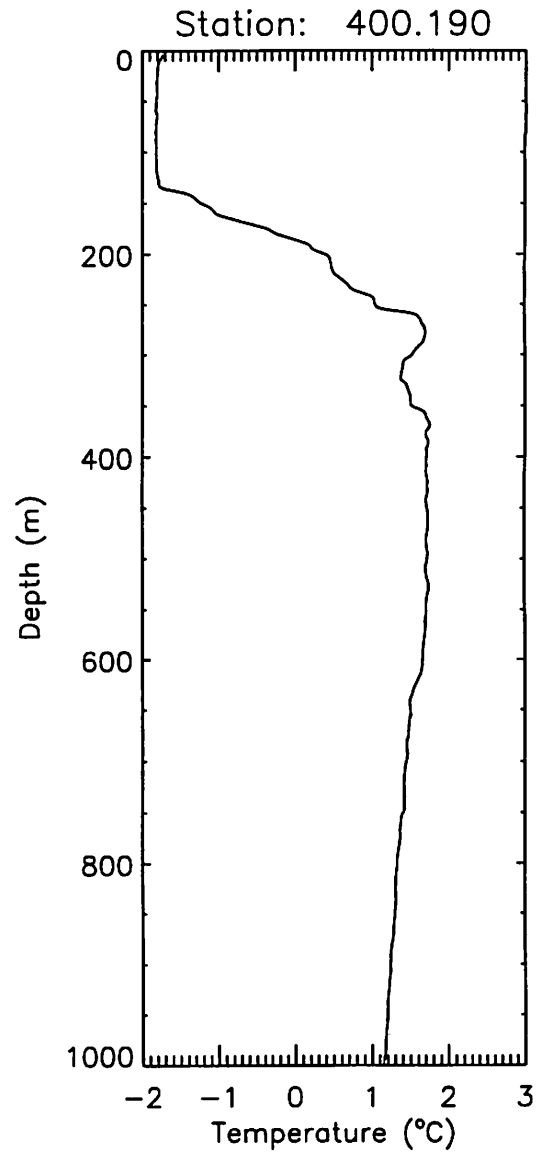
LTER	93c	Depth:	360 m
Station:	400.150 (268)	JulianDay:	255
Latitude:	65° 33.620' S	GMT:	1620
Longitude:	69° 3.290' W		

Depth	Temp
5	-1.779
10	-1.769
20	-1.772
30	-1.776
40	-1.766
50	-1.758
60	-1.750
70	-1.713
80	-1.721
90	-1.373
100	-0.947
110	-0.091
120	0.152
130	0.258
140	0.419
150	0.514
160	0.688
180	0.835
200	1.013
220	1.146
240	1.296
260	1.395
280	1.496
300	1.491
320	1.476



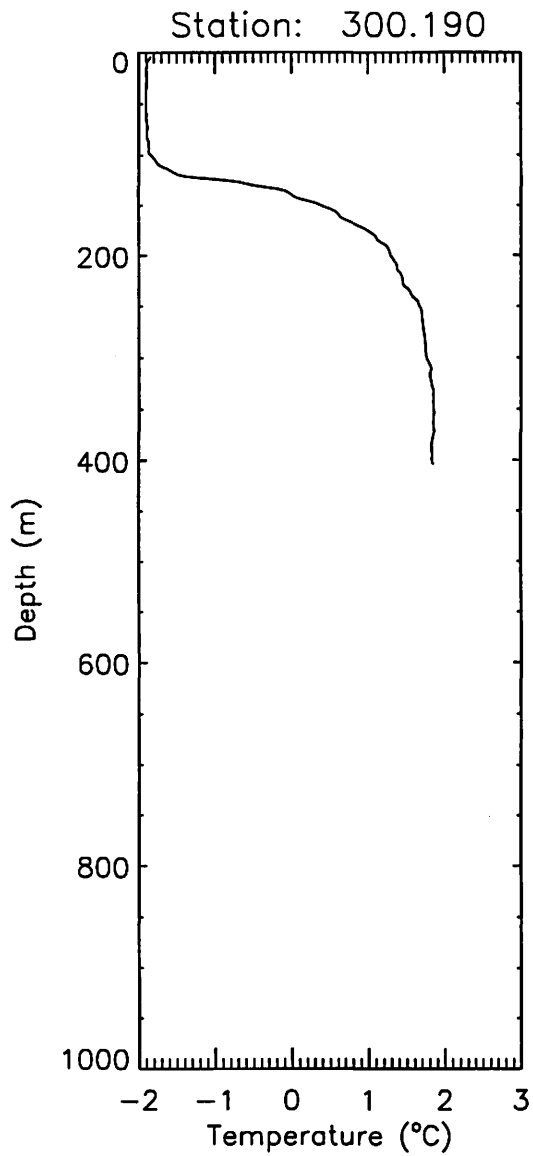
LTER	93c	Depth:	2900 m
Station:	400.190 (298)	JulianDay:	256
Latitude:	65° 17.928' S	GMT:	1934
Longitude:	69° 39.451' W		

Depth	Temp
5	-1.732
10	-1.774
20	-1.800
30	-1.813
40	-1.804
50	-1.813
60	-1.819
70	-1.818
80	-1.826
90	-1.824
100	-1.818
110	-1.808
120	-1.808
130	-1.784
140	-1.441
150	-1.227
160	-1.038
180	-0.248
200	0.378
220	0.517
240	0.919
260	1.574
280	1.705
300	1.530
320	1.387
340	1.507
360	1.707
380	1.709
400	1.720
420	1.726
440	1.718
460	1.737
480	1.720
500	1.727
550	1.715
600	1.669
650	1.509
700	1.452
750	1.410
800	1.328
850	1.307
900	1.237
950	1.199
1000	1.147
1100	1.106
1200	1.036
1300	0.978

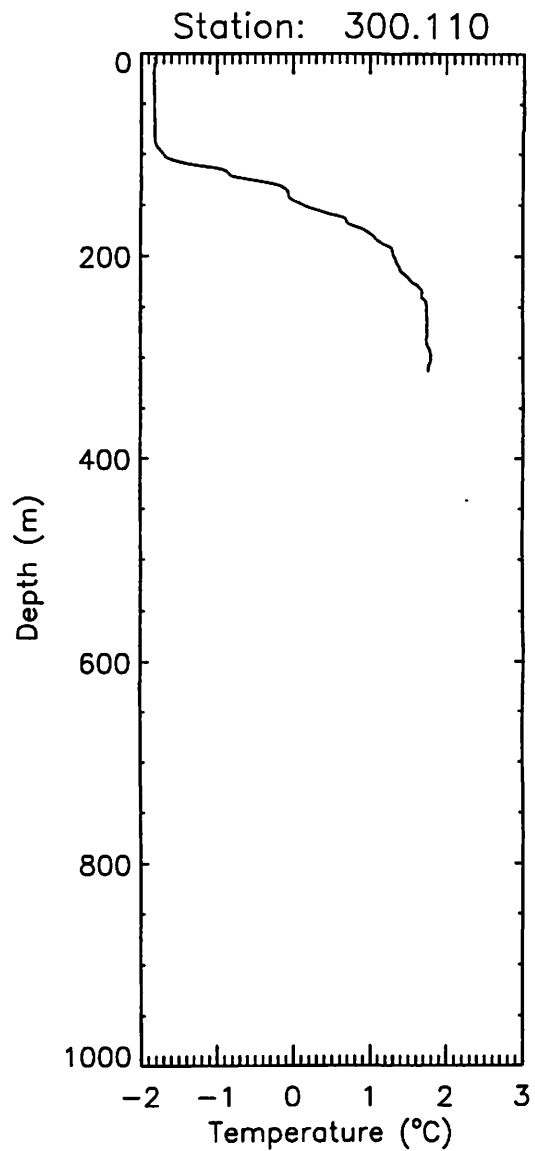


LTER	93c	Depth:	2900 m
Station:	300.190 (319)	JulianDay:	256
Latitude:	65° 55.037' S	GMT:	1652
Longitude:	71° 13.672' W		

Depth	Temp
5	-1.850
10	-1.891
20	-1.898
30	-1.899
40	-1.905
50	-1.900
60	-1.897
70	-1.892
80	-1.894
90	-1.871
100	-1.838
110	-1.726
120	-1.451
130	-0.501
140	0.002
150	0.364
160	0.607
180	1.074
200	1.289
220	1.436
240	1.575
260	1.702
280	1.738
300	1.760
320	1.811
340	1.850
360	1.849
380	1.840

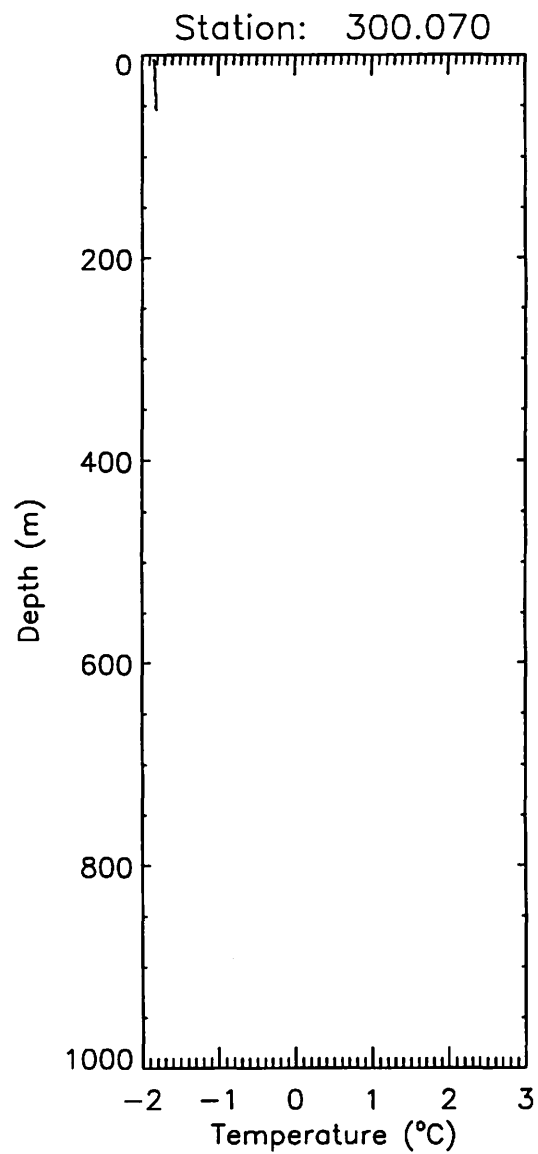


LTER 93c	
Station:	300.110 (359) Depth: 470 m
Latitude:	66° 26.460' S JulianDay: 259
Longitude:	70° 1.090' W GMT: 1713
Depth	Temp
5	-1.818
10	-1.812
20	-1.831
30	-1.827
40	-1.827
50	-1.824
60	-1.821
70	-1.817
80	-1.820
90	-1.807
100	-1.704
110	-1.352
120	-0.835
130	-0.241
140	-0.066
150	0.131
160	0.546
180	1.040
200	1.321
220	1.496
240	1.690
260	1.762
280	1.757



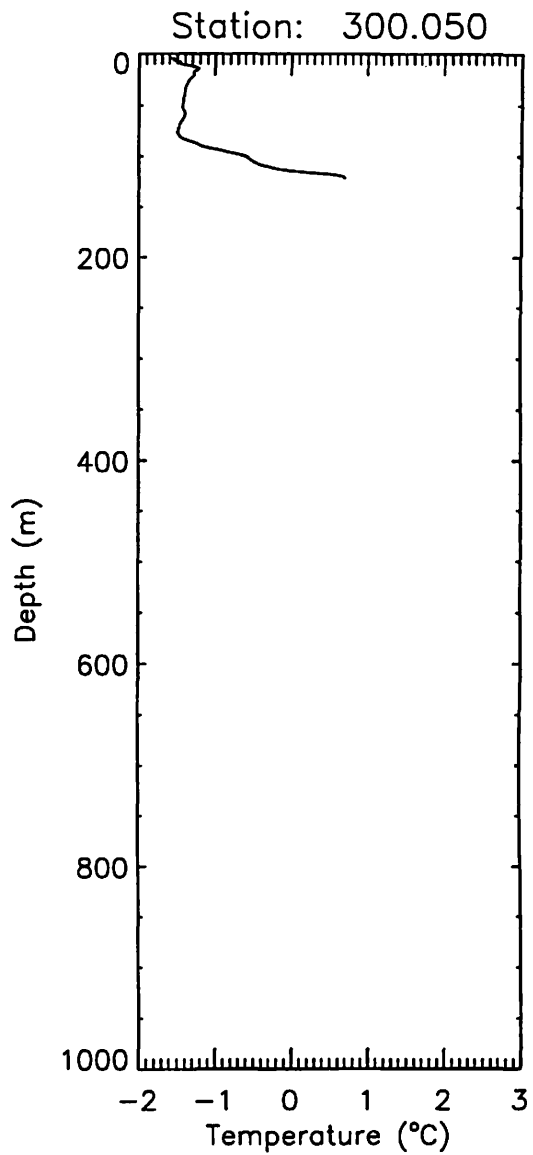
LTER	93c	Depth:	300 m
Station:	300.070 (380)	JulianDay:	260
Latitude:	66° 41.930' S	GMT:	0114
Longitude:	69° 24.000' W		

Depth	Temp
5	-1.853
10	-1.833
20	-1.827
30	-1.825
40	-1.817



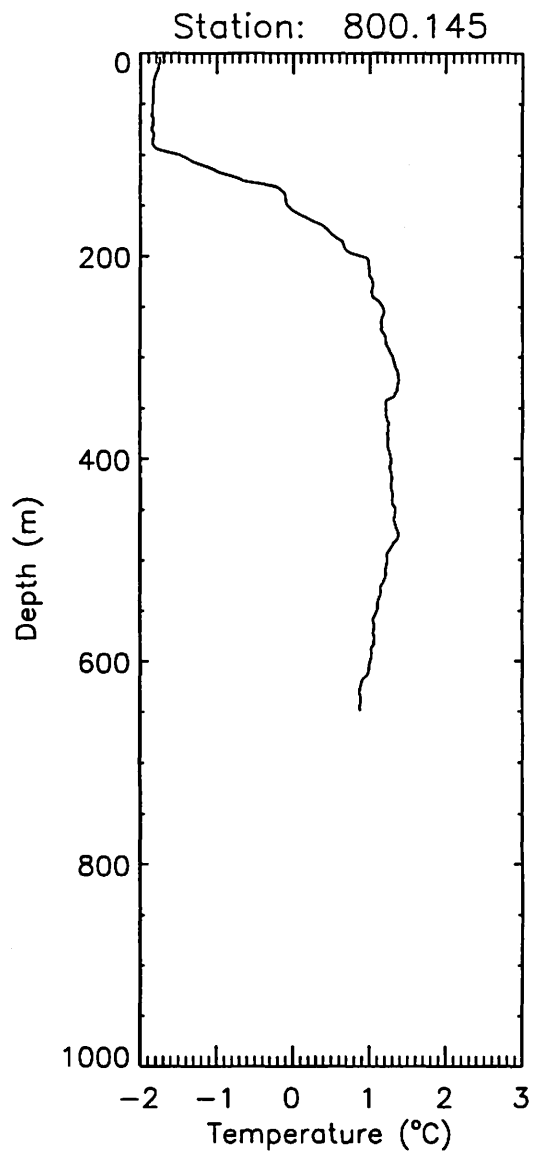
LTER	93c		
Station:	300.050 (389)	Depth:	220 m
Latitude:	66° 49.680' S	JulianDay:	261
Longitude:	69° 3.920' W	GMT:	1720

Depth	Temp
5	-1.522
10	-1.446
20	-1.274
30	-1.376
40	-1.404
50	-1.426
60	-1.403
70	-1.474
80	-1.463
90	-1.158
100	-0.597
110	-0.314



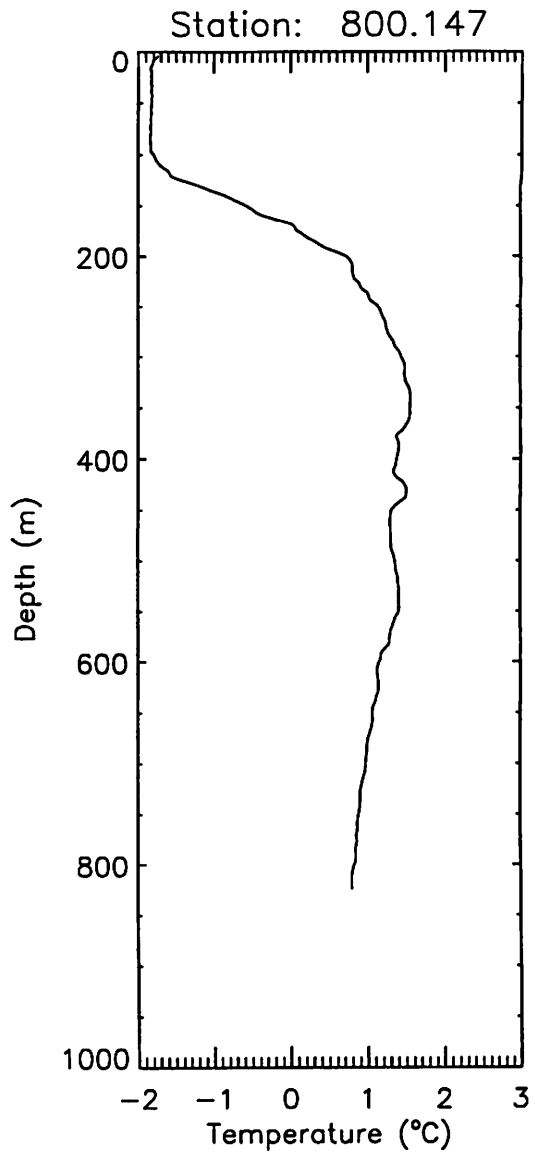
LTER	93c	Depth:	-999 m
Station:	800.145 (500)	JulianDay:	269
Latitude:	62° 57.470' S	GMT:	0318
Longitude:	63° 21.475' W		

Depth	Temp
5	-1.756
10	-1.755
20	-1.798
30	-1.832
40	-1.846
50	-1.842
60	-1.853
70	-1.835
80	-1.821
90	-1.836
100	-1.478
110	-1.187
120	-0.831
130	-0.278
140	-0.102
150	-0.069
160	0.120
180	0.520
200	0.877
220	1.003
240	1.042
260	1.168
280	1.212
300	1.308
320	1.378
340	1.290
360	1.226
380	1.249
400	1.284
420	1.295
440	1.297
460	1.323
480	1.363
500	1.236
550	1.100
600	1.010



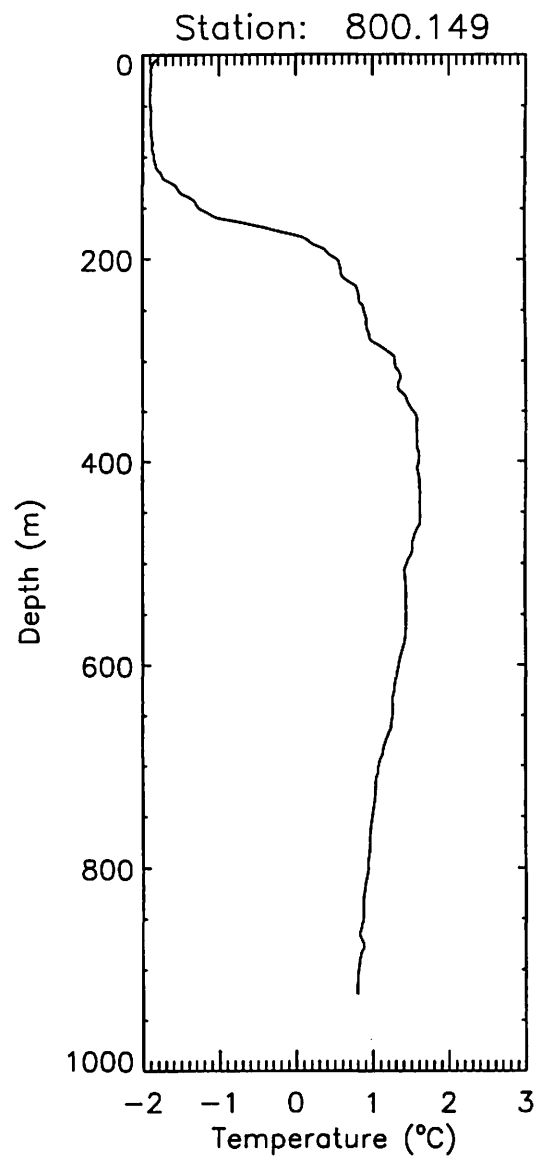
LTER	93c	Depth:	-999 m
Station:	800.147 (501)	JulianDay:	269
Latitude:	62° 56.640' S	GMT:	0333
Longitude:	63° 23.768' W		

Depth	Temp
5	-1.748
10	-1.808
20	-1.820
30	-1.833
40	-1.824
50	-1.822
60	-1.826
70	-1.828
80	-1.835
90	-1.834
100	-1.790
110	-1.704
120	-1.563
130	-1.195
140	-0.852
150	-0.587
160	-0.373
180	0.176
200	0.712
220	0.820
240	1.018
260	1.202
280	1.292
300	1.440
320	1.488
340	1.562
360	1.545
380	1.386
400	1.379
420	1.408
440	1.465
460	1.299
480	1.307
500	1.363
550	1.416
600	1.165
650	1.072
700	0.986
750	0.890

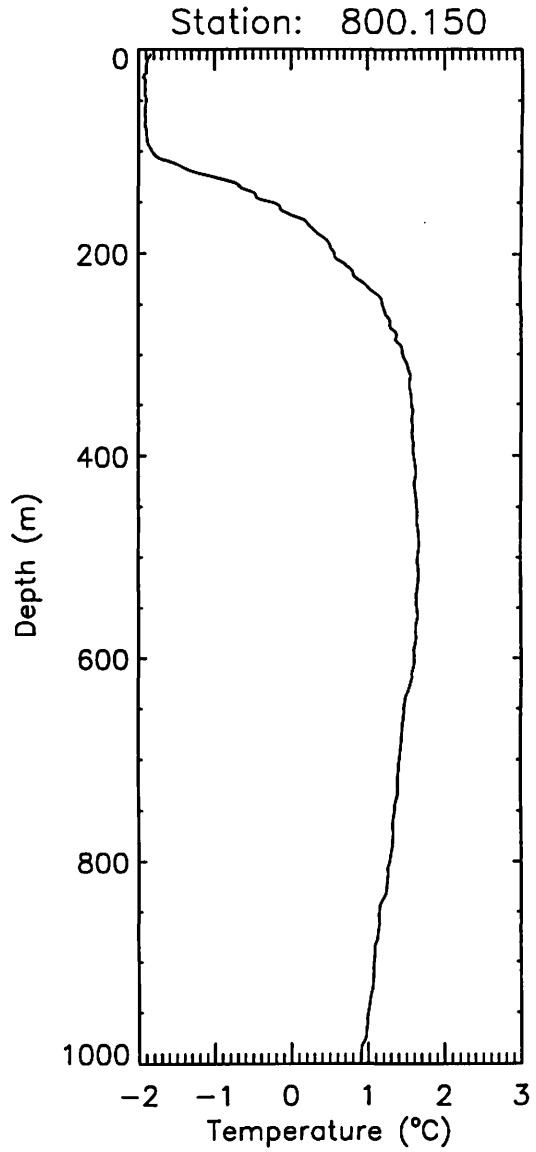


LTER	93c	Depth:	-999 m
Station:	800.149 (502)	JulianDay:	269
Latitude:	62° 56.050' S	GMT:	0342
Longitude:	63° 25.299' W		

Depth	Temp
5	-1.827
10	-1.878
20	-1.890
30	-1.897
40	-1.905
50	-1.896
60	-1.892
70	-1.893
80	-1.881
90	-1.874
100	-1.851
110	-1.822
120	-1.735
130	-1.538
140	-1.357
150	-1.243
160	-0.973
180	0.119
200	0.525
220	0.643
240	0.823
260	0.926
280	0.992
300	1.294
320	1.352
340	1.455
360	1.580
380	1.590
400	1.607
420	1.618
440	1.619
460	1.624
480	1.519
500	1.454
550	1.441
600	1.346
650	1.265
700	1.080
750	0.996
800	0.938
850	0.873

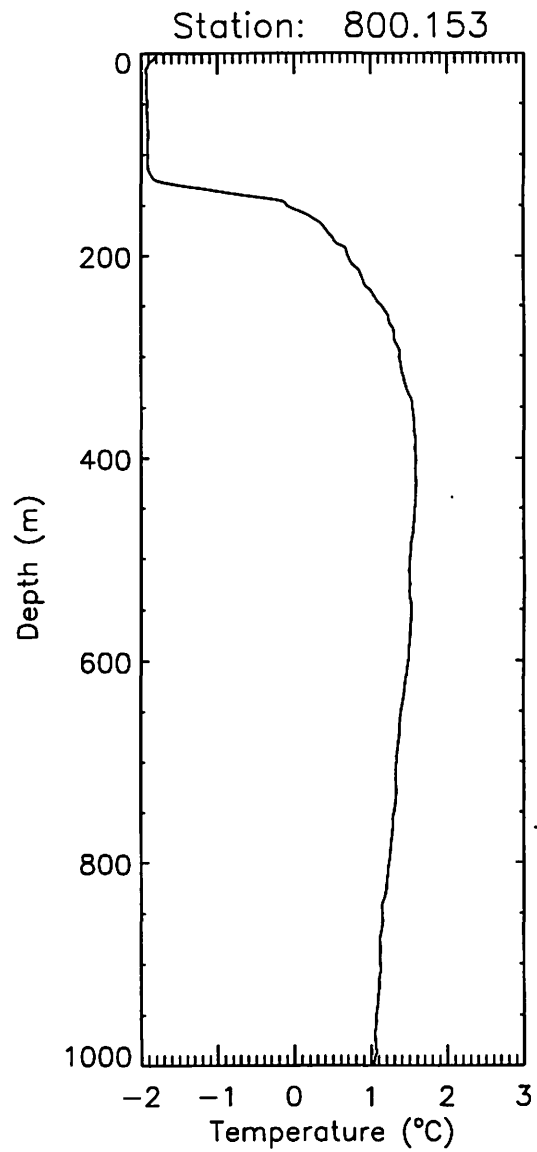


LTER 93c			
Station:	800.150 (503)	Depth:	-999 m
Latitude:	62° 55.450' S	JulianDay:	269
Longitude:	63° 26.685' W	GMT:	0353
Depth	Temp		
5	-1.841		
10	-1.881		
20	-1.900		
30	-1.906		
40	-1.913		
50	-1.897		
60	-1.910		
70	-1.902		
80	-1.892		
90	-1.885		
100	-1.818		
110	-1.599		
120	-1.296		
130	-0.802		
140	-0.518		
150	-0.288		
160	-0.086		
180	0.338		
200	0.570		
220	0.817		
240	1.127		
260	1.244		
280	1.388		
300	1.467		
320	1.564		
340	1.572		
360	1.592		
380	1.591		
400	1.613		
420	1.633		
440	1.638		
460	1.655		
480	1.672		
500	1.664		
550	1.652		
600	1.613		
650	1.480		
700	1.422		
750	1.353		
800	1.293		
850	1.156		
900	1.089		
950	1.002		
1000	0.890		



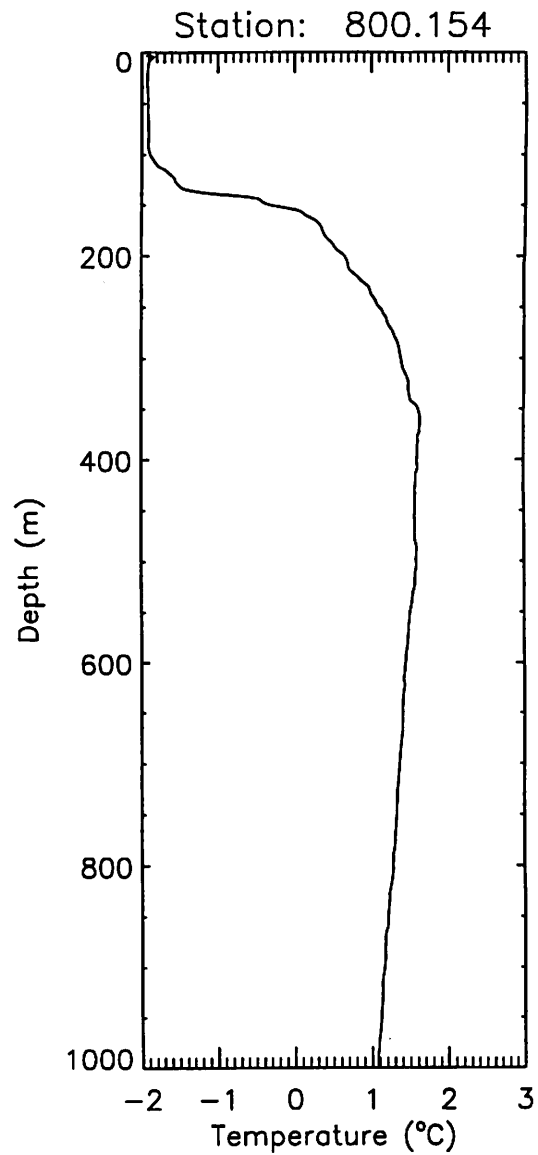
LTER	93c	Depth:	-999 m
Station:	800.153 (504)	JulianDay:	269
Latitude:	62° 54.381' S	GMT:	0410
Longitude:	63° 29.510' W		

Depth	Temp
5	-1.829
10	-1.898
20	-1.929
30	-1.933
40	-1.932
50	-1.918
60	-1.917
70	-1.918
80	-1.911
90	-1.918
100	-1.914
110	-1.912
120	-1.873
130	-1.505
140	-0.695
150	-0.093
160	0.179
180	0.472
200	0.696
220	0.870
240	1.038
260	1.225
280	1.303
300	1.375
320	1.428
340	1.513
360	1.556
380	1.583
400	1.591
420	1.590
440	1.589
460	1.570
480	1.541
500	1.514
550	1.527
600	1.492
650	1.399
700	1.344
750	1.309
800	1.244
850	1.149
900	1.127
950	1.066
1000	1.031
1100	0.962
1200	0.904
1300	0.784
1400	0.707



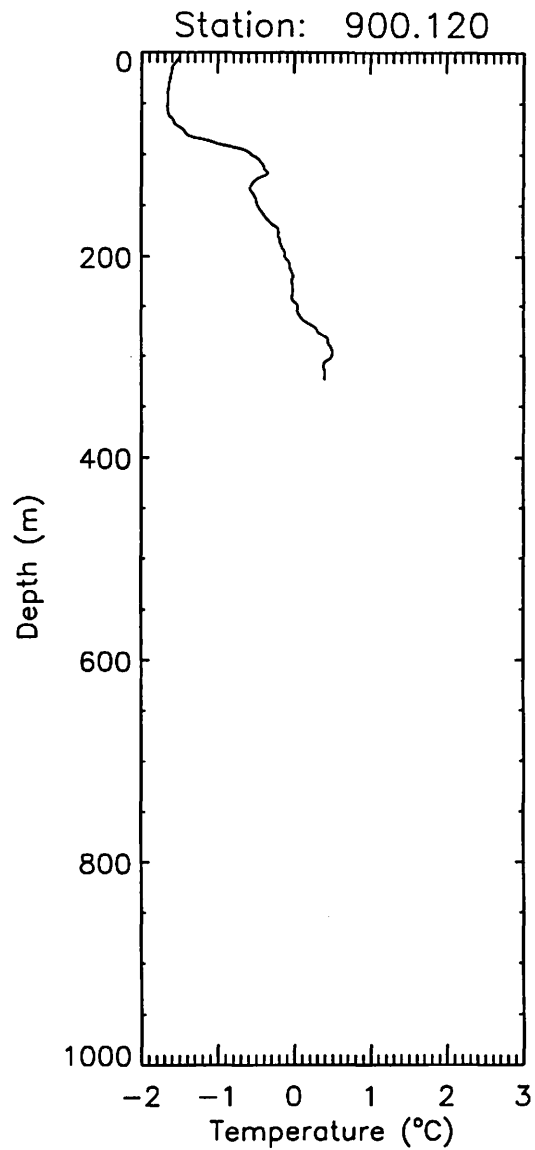
LTER	93c		
Station:	800.154 (505)	Depth:	-999 m
Latitude:	62° 54.038' S	JulianDay:	269
Longitude:	63° 30.386' W	GMT:	0414

Depth	Temp
5	-1.850
10	-1.909
20	-1.926
30	-1.931
40	-1.920
50	-1.917
60	-1.914
70	-1.909
80	-1.904
90	-1.911
100	-1.887
110	-1.796
120	-1.611
130	-1.513
140	-0.919
150	-0.343
160	0.128
180	0.385
200	0.639
220	0.803
240	1.022
260	1.191
280	1.321
300	1.396
320	1.484
340	1.513
360	1.643
380	1.614
400	1.605
420	1.585
440	1.580
460	1.576
480	1.575
500	1.592
550	1.511
600	1.450
650	1.412
700	1.369
750	1.330
800	1.280
850	1.215
900	1.169
950	1.126
1000	1.075
1100	1.004
1200	0.942
1300	0.865
1400	0.788



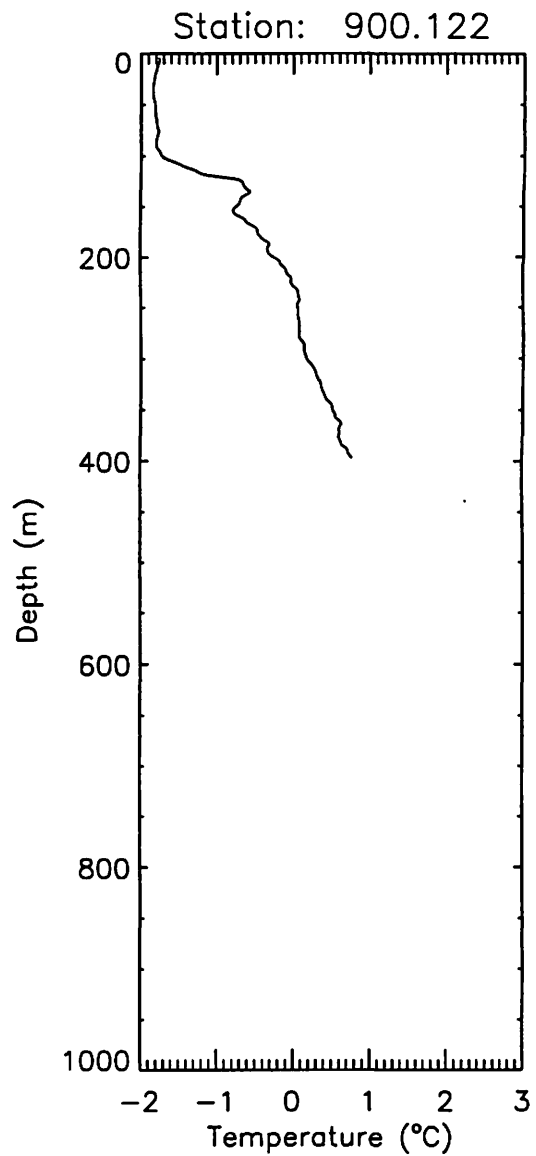
LTER	93c	Depth:	-999 m
Station:	900.120 (506)	JulianDay:	269
Latitude:	62° 24.801' S	GMT:	0901
Longitude:	61° 44.304' W		

Depth	Temp
5	-1.509
10	-1.553
20	-1.604
30	-1.639
40	-1.659
50	-1.655
60	-1.649
70	-1.564
80	-1.413
90	-0.989
100	-0.564
110	-0.412
120	-0.365
130	-0.563
140	-0.523
150	-0.477
160	-0.389
180	-0.207
200	-0.127
220	-0.014
240	-0.030
260	0.078
280	0.391
300	0.499



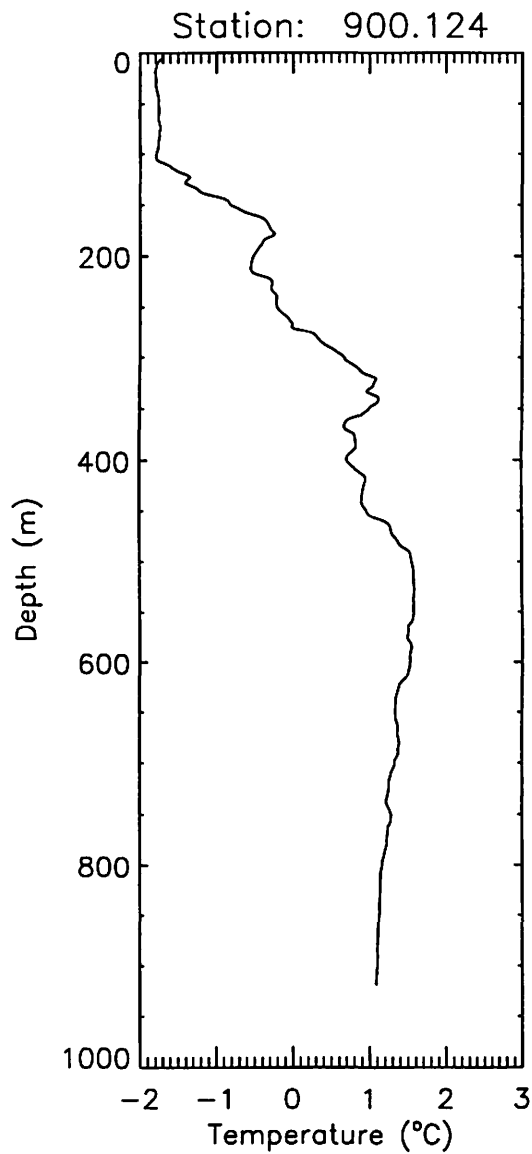
LTER	93c		
Station:	900.122 (507)	Depth:	-999 m
Latitude:	62° 23.985' S	JulianDay:	269
Longitude:	61° 45.821' W	GMT:	0911

Depth	Temp
5	-1.759
10	-1.771
20	-1.811
30	-1.834
40	-1.837
50	-1.808
60	-1.807
70	-1.787
80	-1.779
90	-1.798
100	-1.715
110	-1.431
120	-1.046
130	-0.652
140	-0.645
150	-0.736
160	-0.720
180	-0.442
200	-0.281
220	-0.043
240	0.065
260	0.066
280	0.082
300	0.177
320	0.329
340	0.441
360	0.584



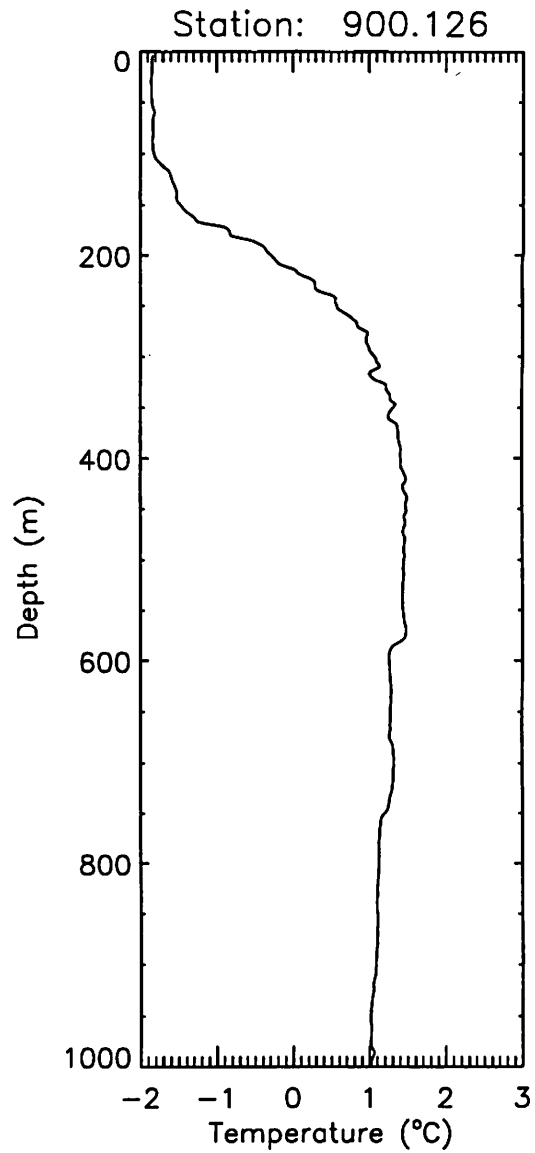
LTER	93c	Depth:	-999 m
Station:	900.124 (508)	JulianDay:	269
Latitude:	62° 23.131' S	GMT:	0923
Longitude:	61° 48.091' W		

Depth	Temp
5	-1.708
10	-1.772
20	-1.800
30	-1.787
40	-1.768
50	-1.756
60	-1.751
70	-1.743
80	-1.749
90	-1.758
100	-1.789
110	-1.659
120	-1.408
130	-1.374
140	-1.111
150	-0.816
160	-0.517
180	-0.251
200	-0.516
220	-0.402
240	-0.213
260	-0.076
280	0.305
300	0.658
320	1.060
340	1.126
360	0.750
380	0.821
400	0.711
420	0.960
440	0.907
460	1.188
480	1.372
500	1.552
550	1.576
600	1.531
650	1.337
700	1.331
750	1.281
800	1.164
850	1.127



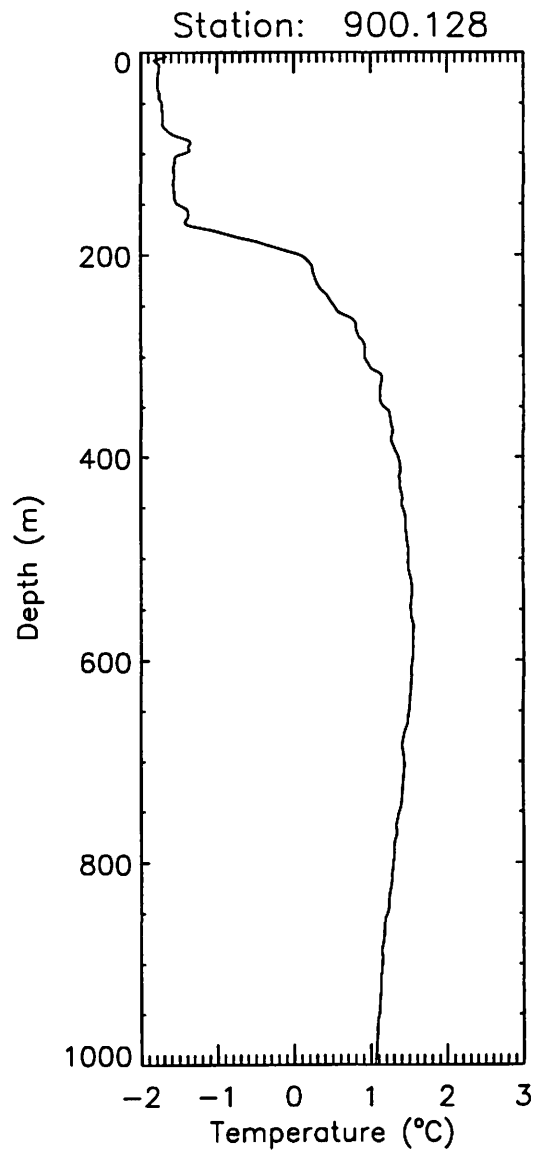
LTER	93c		
Station:	900.126 (509)	Depth:	-999 m
Latitude:	62° 22.489' S	JulianDay:	269
Longitude:	61° 49.969' W	GMT:	0935

Depth	Temp
5	-1.841
10	-1.838
20	-1.845
30	-1.859
40	-1.853
50	-1.840
60	-1.810
70	-1.830
80	-1.826
90	-1.835
100	-1.817
110	-1.727
120	-1.606
130	-1.555
140	-1.522
150	-1.473
160	-1.333
180	-0.822
200	-0.297
220	0.090
240	0.499
260	0.733
280	0.970
300	1.075
320	1.033
340	1.276
360	1.256
380	1.379
400	1.411
420	1.485
440	1.494
460	1.466
480	1.470
500	1.456
550	1.446
600	1.264
650	1.279
700	1.320
750	1.203
800	1.125
850	1.106
900	1.084
950	1.016



LTER 93c
Station: 900.128 (510) **Depth:** -999 m
Latitude: 62° 21.972' S **JulianDay:** 269
Longitude: 61° 51.225' W **GMT:** 0944

Depth	Temp
5	-1.693
10	-1.799
20	-1.770
30	-1.784
40	-1.754
50	-1.720
60	-1.716
70	-1.719
80	-1.598
90	-1.347
100	-1.439
110	-1.561
120	-1.566
130	-1.572
140	-1.557
150	-1.507
160	-1.370
180	-0.861
200	0.060
220	0.260
240	0.429
260	0.684
280	0.847
300	0.921
320	1.145
340	1.123
360	1.253
380	1.274
400	1.361
420	1.374
440	1.417
460	1.457
480	1.476
500	1.489
550	1.520
600	1.543
650	1.506
700	1.441
750	1.367
800	1.287
850	1.219
900	1.154
950	1.111
1000	1.056
1100	1.007



LTER	93c	Depth:	-999 m
Station:	900.130 (511)	JulianDay:	269
Latitude:	62° 21.251' S	GMT:	0955
Longitude:	61° 53.023' W		

Depth	Temp
5	-1.611
10	-1.845
20	-1.785
30	-1.770
40	-1.774
50	-1.762
60	-1.772
70	-1.770
80	-1.770
90	-1.765
100	-1.321
110	-1.169
120	-1.160
130	-1.054
140	-0.832
150	-0.497
160	-0.457
180	-0.080
200	0.131
220	-0.003
240	0.077
260	0.298
280	0.693
300	0.894
320	0.898
340	1.216
360	1.354
380	1.410
400	1.455
420	1.448
440	1.488
460	1.508
480	1.545
500	1.548
550	1.525
600	1.469
650	1.416
700	1.329
750	1.283
800	1.222
850	1.067
900	1.030
950	0.963
1000	0.917
1100	0.807
1200	0.765

