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the Central Subarctic North Pacific Ocean,
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**PHYSICAL OCEANOGRAPHIC OBSERVATIONS IN THE
CENTRAL SUBARCTIC NORTH PACIFIC OCEAN, JULY-SEPTEMBER 1991**

by

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ABSTRACT

Physical oceanographic profiles from the Subarctic Frontal Zone for 8 July–2 September 1991 are presented in graphic and tabular format. The R/V *Acania* occupied 164 stations; at 88 stations both salinity and temperature were measured with a conductivity temperature depth (CTD) profiler, and at 76 stations only temperature was measured, using expendable bathythermograph (XBT) probes.

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INTRODUCTION

The North Pacific Ocean contains several oceanographic domains that differ in their production dynamics and community structure of marine organisms and that are often separated by frontal regions, which have pronounced changes in hydrographic properties and species assemblages. Frontal regions can have unique production dynamics and species assemblages and, therefore, play an important role in determining species distribution in the pelagic environment, not only as boundary features but also as unique oceanographic environments themselves. The primary zoogeographical feature of the subarctic North Pacific Ocean, the Subarctic Frontal Zone (SAFZ), is a large-scale, semipermanent frontal region that delineates the southern extent of the Subarctic Domain. This report summarizes the physical oceanographic data collected during the 1991 R/V *Acania* cruise in which we sampled distribution of macrozooplankton and marine mammals in relation to the SAFZ to provide further insight into the ecology of the SAFZ.

DATA COLLECTION

The cruise contained three separate legs (Fig. 1, Table 1). The first leg (8–25 July) consisted of north-south transects (stations 5–58) in which hydrographic and zooplankton data were collected at each end of the transect with a conductivity temperature depth (CTD) profiler and bongo net samples. Along the transect, expendable bathythermograph (XBT) and marine mammal sighting data were collected. During the second leg (30 July–17 August), sampling consisted primarily of measurements of zooplankton spatial distributions and hydrographic properties (stations 73–113) to examine the community structure of zooplankton in relation to the physical environment. On the third leg, sampling included north-south transects (stations 117–130) similar in design to the transects of the first leg and stations (stations 131–136) alongside a commercial driftnet vessel with an observer. This allowed the comparison of nekton distributions (sampled by the commercial vessel and observer) with the distribution of zooplankton and hydrographic properties.

CTD data were collected using a SEABIRD¹ model 19 SEACAT PROFILER, which sampled water temperature and salinity every 0.5 second and was lowered to depth (300–500 m) at approximately 1 m/sec. XBT data were collected using hand-launched Sippican model T-4 probes (maximum depth 460 m) and recorded with a Sippican MK-9 system.

Personnel from the Alaska Fisheries Science Center of the National Marine Fisheries Service (Auke Bay Laboratory and National Marine Mammal Laboratory) participated in the data collection.

DATA PROCESSING

The CTD was calibrated at SEABIRD Instrumentation before the cruise. Due to the different response times of the temperature, conductivity, and pressure sensors, the conductivity measurements were advanced relative to pressure by 0.6 second and the temperature sensor was advanced by 0.2 second relative to pressure. We based these

¹Reference to trade names does not imply endorsement by the National Marine Fisheries Service, NOAA.

alignment parameters on a descent rate of approximately 1 m/sec. To account for the variable descent rate of the CTD due to the pitch and roll of the ship while on station, we excluded samples with descent rate less than 0.2 m/sec and data that were over two standard deviations from the mean. All remaining data were averaged into 2-m-depth bins, and density was derived from the averages.

We used precalibrated T-4 XBT probes from Sippican. These probes have only one sensor, a thermistor, and therefore measure only water temperature; the depth is computed as a function of time from known free-fall speed of the XBT through the water. Hence, no additional calibration or alignment was required. XBT data processing consisted only of averaging the data into 2-m-depth bins.

DATA SUMMARIES

Graphical and tabular data summaries are given in Appendix 1 (CTD) and Appendix 2 (XBT). Temperature and salinity profiles and a temperature-salinity (T/S) plot are included for each CTD station, and a temperature profile is included for the XBT stations. All graphical summaries are in 2-m increments. The tabular summaries are given in standard oceanographic depths, and the resolution varies with depth. Due to spiking in the salinity profiles (abrupt changes in salinity in areas of high temperature gradients due to incorrect alignment of the sensors, which results from the variable descent rate of the CTD), the CTD data were filtered before we extracted data at standard depths for the tabular summaries. The data were filtered with a 10-m running median.

ACKNOWLEDGMENTS

We thank Captain Halstead and the crew of the R/V *Acania* for their invaluable assistance during the cruise, especially during the inclement working conditions on the high seas.

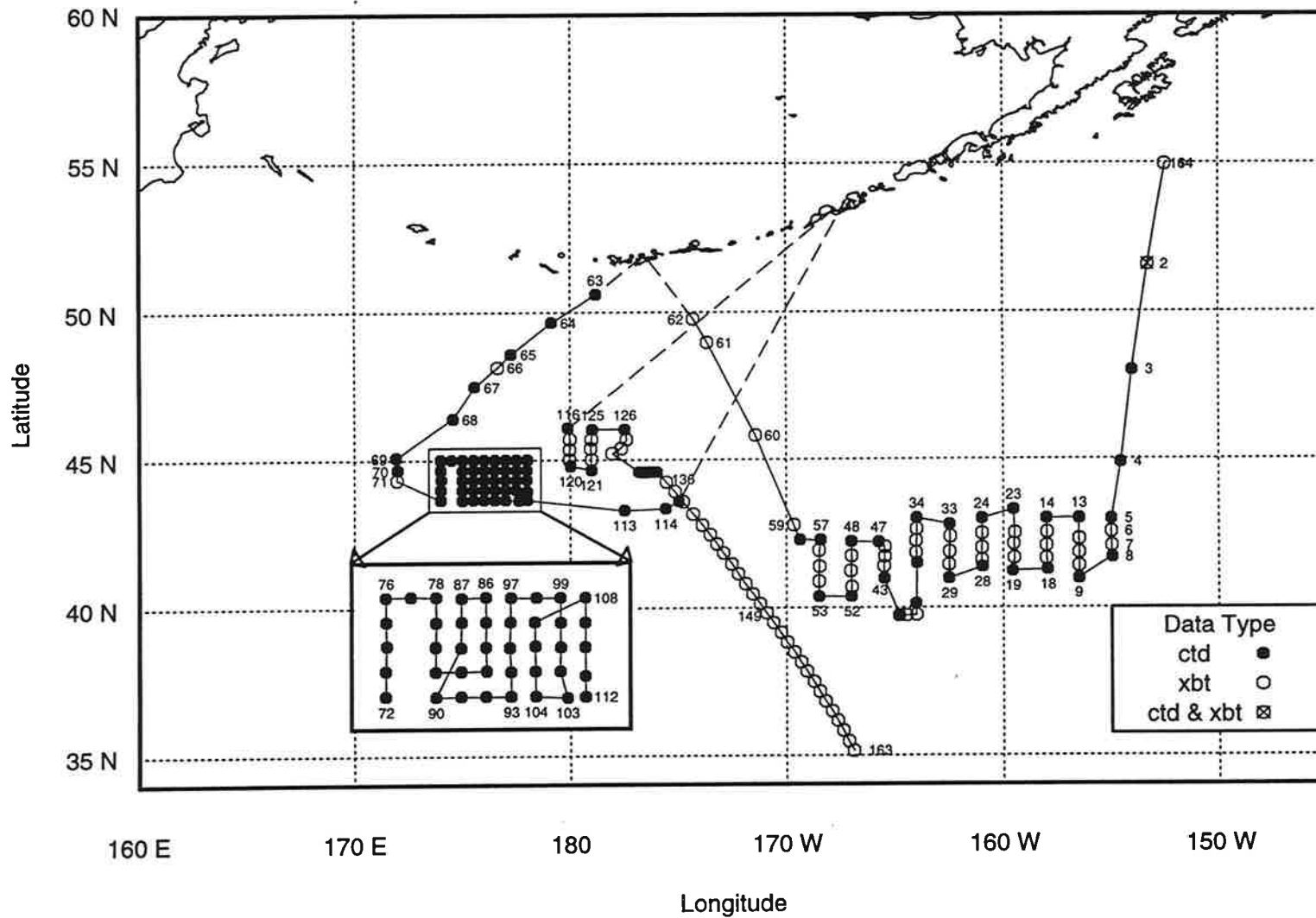


Figure 1.—Physical oceanographic stations occupied by the R/V *Acania* between 8 July and 2 September 1991.

Table 1.—Date, time, position, and sampling depth of all physical oceanographic stations occupied during the 1991 R/V *Acania* cruise in the subarctic North Pacific Ocean. xbt = expendable bathythermograph probe; ctd = conductivity, temperature, and depth profile. ^a = Alaska daylight Saving Time; ^b = Aleutian Daylight Saving Time.

Station	Type	Month	Day	Time	Latitude	Longitude
1	xbt	7	8	1930 ^a	54.9532°N	152.4802°W
2	ctd	7	9	1829	51.5752°N	153.2875°W
2	xbt	7	9	2033	51.5752°N	153.2875°W
3	ctd	7	10	2136	47.9873°N	154.0283°W
4	ctd	7	11	2114	44.8740°N	154.5557°W
5	ctd	7	12	1050	42.9848°N	155.0027°W
6	xbt	7	12	1430	42.5633°N	155.0067°W
7	xbt	7	12	1800	42.0875°N	154.9803°W
8	ctd	7	12	2137	41.7112°N	154.9560°W
9	ctd	7	13	0742	41.0000°N	156.5000°W
10	xbt	7	13	1100	41.4228°N	156.4908°W
11	xbt	7	13	1400	41.8633°N	156.4842°W
12	xbt	7	13	1717	42.3108°N	156.4967°W
13	ctd	7	13	2305	43.0023°N	156.4972°W
14	ctd	7	14	0738	43.0000°N	158.0000°W
15	xbt	7	14	1200	42.5313°N	157.9855°W
16	xbt	7	14	1500	42.0900°N	157.9992°W
17	xbt	7	14	1801	41.6650°N	158.0067°W
18	ctd	7	14	2140	41.2947°N	157.9523°W
19	ctd	7	15	0651	41.2458°N	159.5683°W
20	xbt	7	15	1015	41.6815°N	159.4910°W
21	xbt	7	15	1329	42.1533°N	159.5233°W
22	xbt	7	15	1600	42.5150°N	159.4817°W
23	ctd	7	15	2206	43.2968°N	159.5408°W
24	ctd	7	16	0703	43.0005°N	161.0008°W
25	xbt	7	16	1206	42.5037°N	160.9922°W
26	xbt	7	16	1525	42.0150°N	160.9967°W
27	xbt	7	16	1815	41.6167°N	160.9983°W
28	ctd	7	16	2119	41.3815°N	160.9795°W
29	ctd	7	17	0712	40.9977°N	162.5087°W
30	xbt	7	17	1200	41.4578°N	162.5012°W

Table 1.—Continued.

Station	Type	Month	Day	Time	Latitude	Longitude
31	xbt	7	17	1500	41.8950°N	162.4900°W
32	xbt	7	17	1835	42.3983°N	162.4592°W
33	ctd	7	17	2205	42.8053°N	162.4932°W
34	ctd	7	18	0823	43.0107°N	163.9903°W
35	xbt	7	18	1200	42.6442°N	163.9983°W
36	xbt	7	18	1458	42.2633°N	164.0183°W
37	xbt	7	18	1830	41.8615°N	164.0145°W
38	ctd	7	18	2120	41.5227°N	163.9838°W
39	ctd	7	19	0708 ^b	40.1483°N	164.0180°W
40	xbt	7	19	1601	39.7533°N	164.0100°W
41	xbt	7	19	1853	39.7387°N	164.4642°W
41.5	xbt	7	19	2107	39.7310°N	164.7977°W
42	ctd	7	19	2114	39.7348°N	164.7872°W
43	ctd	7	20	0751	40.9992°N	165.4962°W
44	xbt	7	20	1131	41.4127°N	165.5035°W
45	xbt	7	20	1440	41.7365°N	165.4737°W
46	xbt	7	20	1740	42.0633°N	165.4667°W
47	ctd	7	20	2106	42.2203°N	165.7523°W
48	ctd	7	21	0657	42.2362°N	167.0032°W
49	xbt	7	21	1105	41.7673°N	166.9948°W
50	xbt	7	21	1430	41.2583°N	167.0283°W
51	xbt	7	21	1820	40.7158°N	166.9905°W
52	ctd	7	21	2106	40.3857°N	167.0047°W
53	ctd	7	22	0659	40.3947°N	168.4930°W
54	xbt	7	22	1100	40.9020°N	168.5057°W
55	xbt	7	22	1430	41.4083°N	168.4817°W
56	xbt	7	22	1826	41.9520°N	168.4967°W
57	ctd	7	22	2207	42.2953°N	168.4182°W
58	ctd	7	23	0731	42.3027°N	169.3780°W
59	xbt	7	23	1236	42.7957°N	169.6577°W
60	xbt	7	24	1246	45.7937°N	171.4340°W
61	xbt	7	25	1150	48.9677°N	173.6603°W
62	xbt	7	25	1943	49.7630°N	174.3042°W
63	ctd	7	30	0908	50.5897°N	178.8103°W

Table 1.—Continued.

Station	Type	Month	Day	Time	Latitude	Longitude
64	ctd	7	31	2107	49.6460°N	179.1307°E
65	ctd	8	1	0905	48.5800°N	177.2652°E
66	xbt	8	1	1502	48.1373°N	176.6555°E
67	ctd	8	1	2148	47.4798°N	175.5790°E
68	ctd	8	2	0834	46.3823°N	174.5603°E
69	ctd	8	3	0837	45.0750°N	171.9265°E
70	ctd	8	3	1315	44.6650°N	171.9945°E
71	xbt	8	3	1941	44.3238°N	171.9607°E
72	ctd	8	5	0819	43.6642°N	173.9973°E
73	ctd	8	5	1129	44.0093°N	173.9965°E
74	ctd	8	5	1506	44.3478°N	174.0163°E
75	ctd	8	5	1817	44.6697°N	174.0028°E
76	ctd	8	5	2126	45.0047°N	173.9962°E
77	ctd	8	6	0046	45.0100°N	174.4983°E
78	ctd	8	6	0428	45.0083°N	175.0023°E
79	ctd	8	6	1123	44.6635°N	175.0072°E
80	ctd	8	6	1432	44.3343°N	174.9967°E
81	ctd	8	6	1750	43.9993°N	174.9985°E
82	ctd	8	6	2124	44.0027°N	175.5060°E
83	ctd	8	7	0046	44.0098°N	176.0167°E
84	ctd	8	7	0839	44.3328°N	176.0023°E
85	ctd	8	7	1205	44.6730°N	176.0063°E
86	ctd	8	7	1521	45.0082°N	176.0023°E
87	ctd	8	7	2208	44.9955°N	175.5128°E
88	ctd	8	8	1029	44.6665°N	175.5165°E
89	ctd	8	8	1422	44.3213°N	175.5028°E
90	ctd	8	8	2008	43.6575°N	175.0018°E
91	ctd	8	8	2340	43.6640°N	175.5083°E
92	ctd	8	9	0307	43.6667°N	176.0067°E
93	ctd	8	9	0625	43.6670°N	176.5068°E
94	ctd	8	9	1109	43.9965°N	176.5052°E
95	ctd	8	9	1430	44.3223°N	176.4815°E
96	ctd	8	9	1931	44.6670°N	176.4970°E
97	ctd	8	9	2257	45.0005°N	176.5050°E
98	ctd	8	10	0158	45.0010°N	177.0123°E

Table 1.—Continued.

Station	Type	Month	Day	Time	Latitude	Longitude
99	ctd	8	10	0455	44.9982°N	177.4975°E
100	ctd	8	10	1006	44.6628°N	177.5005°E
101	ctd	8	10	1300	44.3283°N	177.4998°E
102	ctd	8	10	1602	44.0038°N	177.4910°E
103	ctd	8	10	1923	43.6470°N	177.6350°E
104	ctd	8	10	2234	43.6655°N	177.0012°E
105	ctd	8	11	0831	44.0050°N	176.9962°E
106	ctd	8	11	1153	44.3428°N	176.9908°E
107	ctd	8	11	1539	44.6717°N	176.9837°E
108	ctd	8	12	0157	44.9985°N	177.9970°E
109	ctd	8	12	0550	44.6632°N	177.9942°E
110	ctd	8	12	0938	44.3310°N	177.9940°E
111	ctd	8	12	1340	43.9432°N	177.9970°E
112	ctd	8	12	1715	43.6613°N	177.9982°E
113	ctd	8	15	2115	43.2970°N	177.5055°W
114	ctd	8	16	2144	43.3507°N	175.6027°W
115	ctd*	8	17	0805	43.5963°N	174.9733°W
116	ctd	8	25	0144	46.0550°N	179.8900°E
117	xbt	8	25	1217	45.6788°N	179.9743°E
118	xbt	8	25	1515	45.3350°N	179.9733°E
119	xbt	8	25	1938	45.0020°N	179.9683°E
120	ctd	8	25	2134	44.7892°N	179.9913°W
121	ctd	8	26	0807	44.6500°N	179.0128°W
122	xbt*	8	26	1051	45.0072°N	179.0218°W
123a	xbt	8	26	1400	45.3433°N	179.0567°W
123b	xbt	8	26	1409	45.3697°N	179.0543°W
124	xbt	8	26	1608	45.6750°N	179.0230°W
125	ctd	8	26	2105	46.0050°N	178.9830°W
126	ctd	8	27	0807	46.0053°N	177.4922°W
127	xbt	8	27	1234	45.6662°N	177.4080°W
128	xbt	8	27	1521	45.3753°N	177.6493°W
129	xbt	8	27	1733	45.2048°N	178.0540°W
130	ctd	8	28	2242	44.5815°N	176.8137°W
131	ctd	8	29	0056	44.5647°N	176.6515°W
132	ctd	8	29	0323	44.5667°N	176.5067°W

Table 1.—Continued.

Station	Type	Month	Day	Time	Latitude	Longitude
133	ctd	8	29	0621	44.5792°N	176.3543°W
134	ctd	8	29	0824	44.5678°N	176.1877°W
135	ctd	8	29	1050	44.5823°N	176.0122°W
136	xbt	8	29	1643	44.2507°N	175.5723°W
137	xbt	8	29	2132	43.9215°N	175.1623°W
138	xbt	8	30	0205	43.5842°N	174.7797°W
139	xbt	8	30	0728	43.1730°N	174.3192°W
140	xbt	8	30	1126	42.7988°N	173.8927°W
141	xbt	8	30	1420	42.4883°N	173.5433°W
142	xbt	8	30	1704	42.1722°N	173.2253°W
143	xbt	8	30	1938	41.8785°N	172.9253°W
144	xbt	8	30	2253	41.5017°N	172.5302°W
145	xbt	8	31	0138	41.1645°N	172.2125°W
146	xbt	8	31	0425	40.8277°N	171.8908°W
147	xbt*	8	31	0710	40.4840°N	171.5473°W
148a	xbt	8	31	0939	40.1660°N	171.2418°W
148b	xbt	8	31	0950	40.1422°N	171.2203°W
149	xbt	8	31	1216	39.8383°N	170.9230°W
150	xbt	8	31	1450	39.5050°N	170.5960°W
151	xbt	8	31	1737	39.1578°N	170.2468°W
152	xbt	8	31	2028	38.8333°N	169.9658°W
153	xbt	8	31	2325	38.5020°N	169.6273°W
154	xbt	9	1	0203	38.1650°N	169.3270°W
155	xbt	9	1	0436	37.8532°N	169.0593°W
156	xbt	9	1	0735	37.4893°N	168.7400°W
157	xbt	9	1	1011	37.1627°N	168.4670°W
158	xbt	9	1	1315	36.8352°N	168.2097°W
159	xbt	9	1	1607	36.5020°N	167.9045°W
160	xbt	9	1	1848	36.1740°N	167.6373°W
161	xbt	9	1	2121	35.8412°N	167.3878°W
162	xbt	9	1	2359	35.4837°N	167.1358°W
163	xbt	9	2	0224	35.1658°N	166.9038°W

*Repeat cast when first attempt failed.

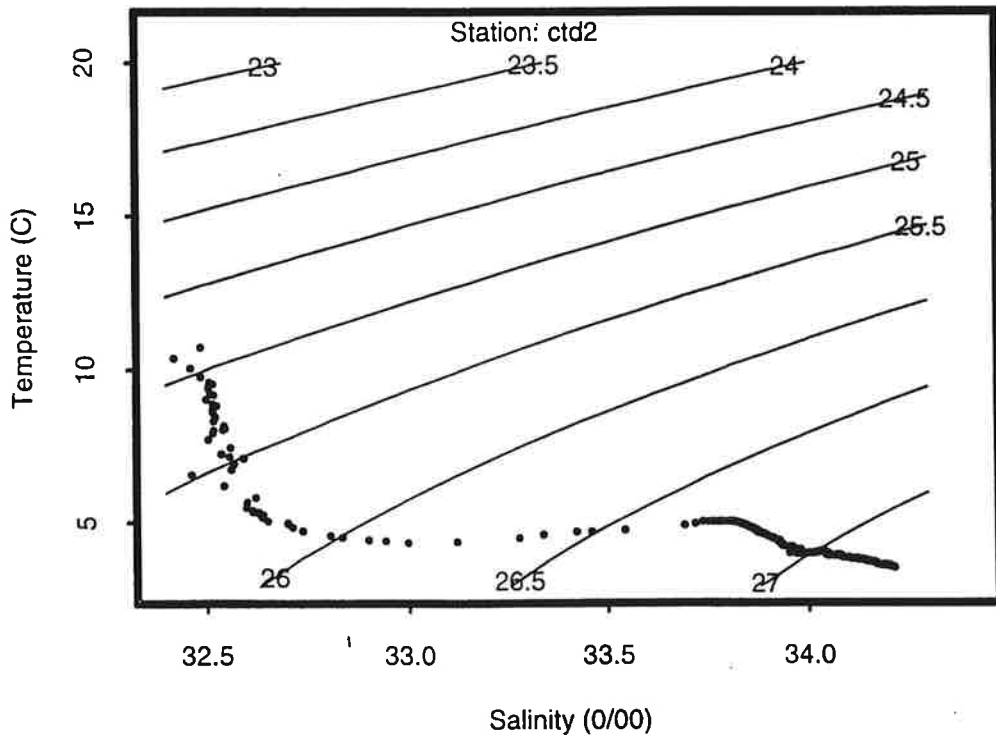
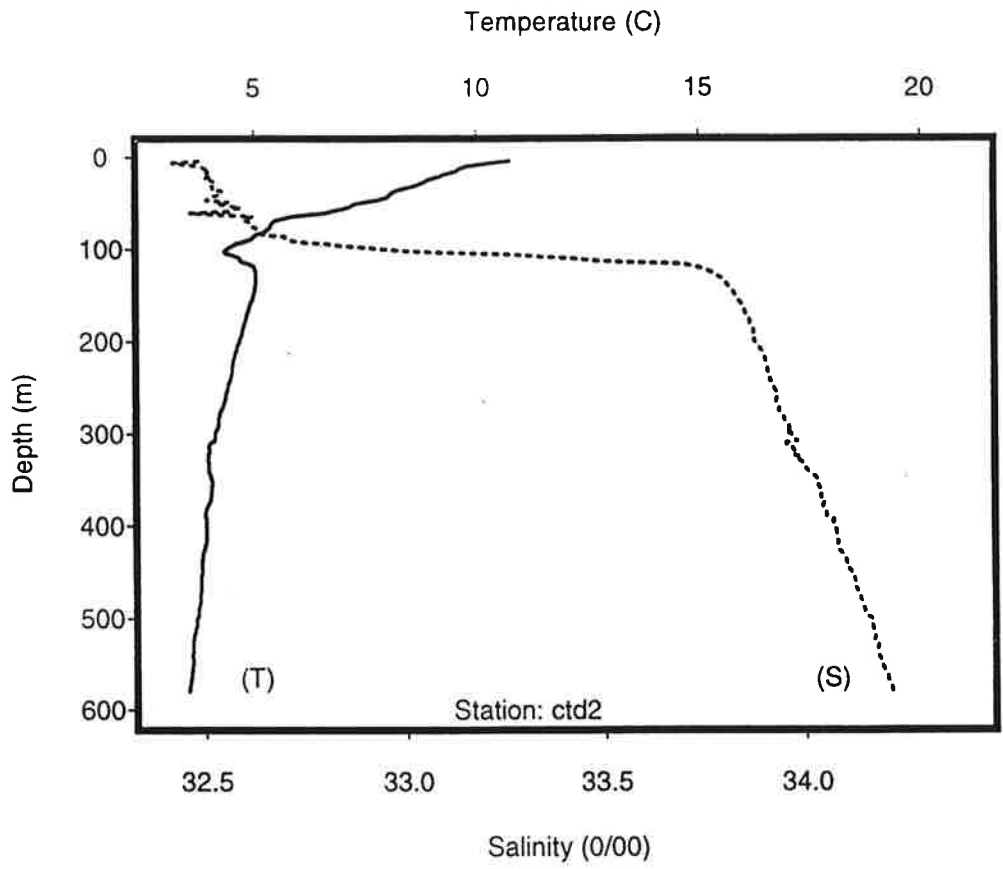
APPENDIX 1

Tabular and graphical summaries of conductivity, temperature, and depth (CTD) profiles collected during the R/V *Acania* cruise in 1991.

Station: ctd2

Month	Day	Year	Time	Latitude	Longitude
7	9	91	1829	51.5752 N	153.2875 W

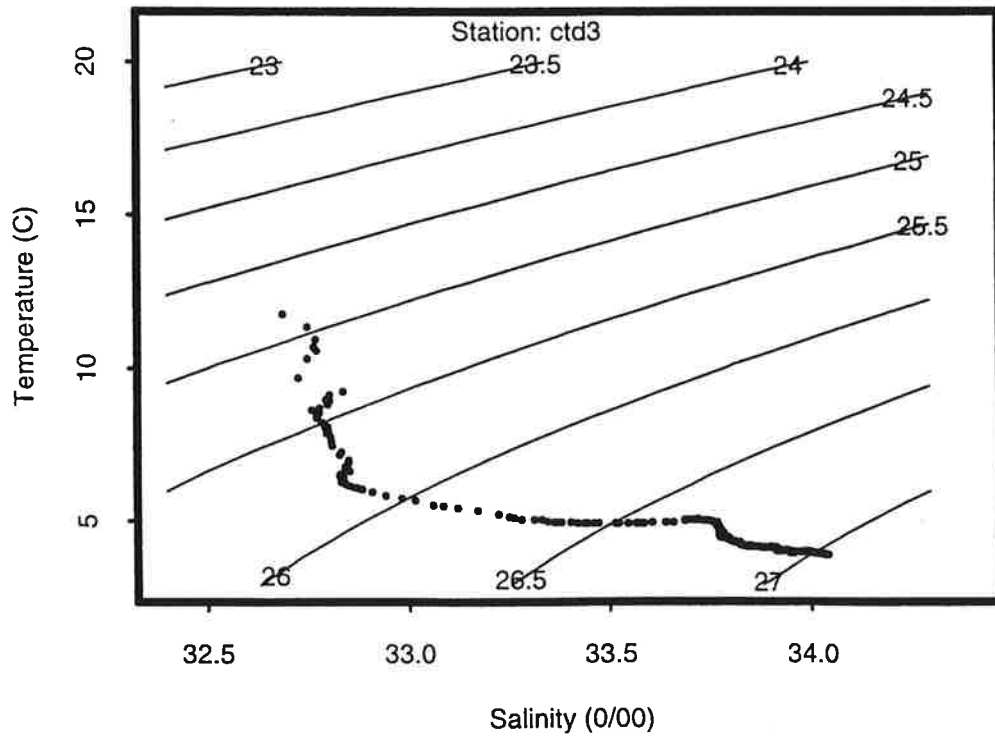
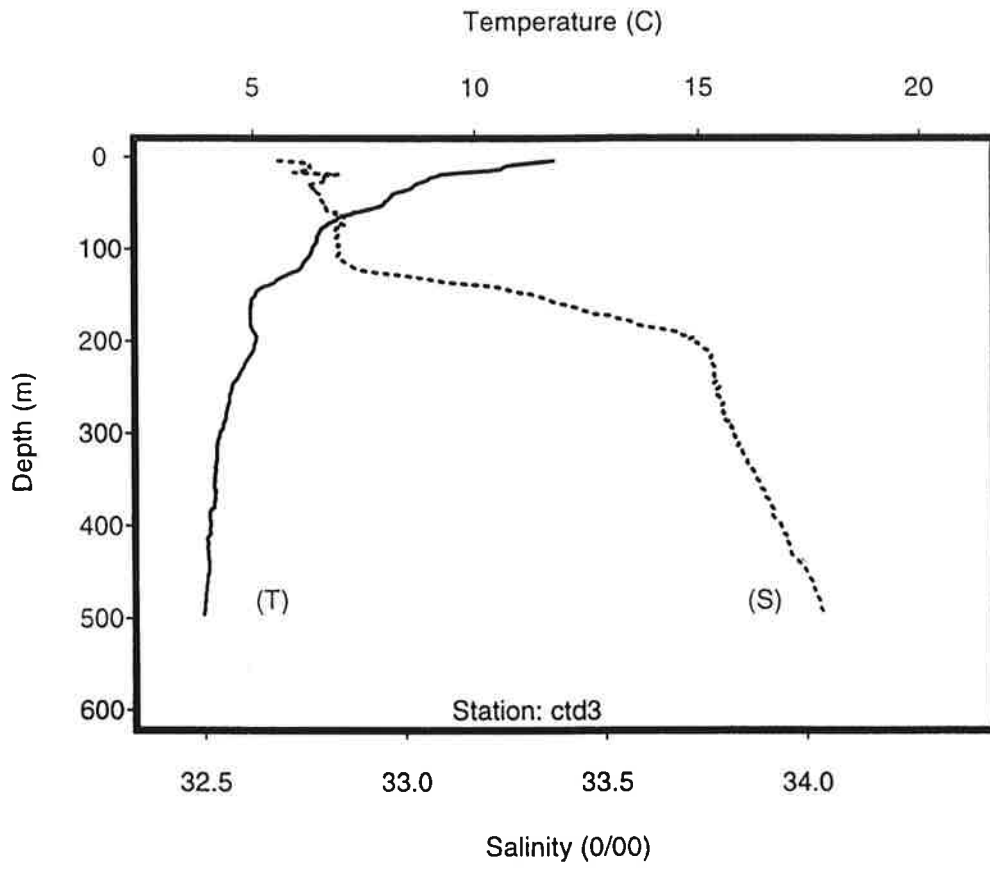
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	10.348	32.470	24.908
2	10.348	32.470	24.908
4	10.348	32.470	24.908
6	10.211	32.474	24.933
8	10.073	32.478	24.959
10	9.936	32.482	24.985
12	9.798	32.486	25.010
14	9.661	32.490	25.036
16	9.523	32.494	25.062
18	9.386	32.498	25.087
20	9.252	32.502	25.112
22	9.119	32.505	25.136
24	8.988	32.509	25.160
26	8.858	32.512	25.184
28	8.729	32.515	25.207
30	8.601	32.519	25.230
35	8.281	32.525	25.285
40	7.955	32.531	25.339
45	7.605	32.538	25.394
50	7.234	32.548	25.453
60	6.478	32.570	25.570
70	5.777	32.609	25.688
80	5.242	32.680	25.808
90	4.881	32.826	25.964
100	4.717	33.060	26.168
120	4.856	33.588	26.571
140	4.991	33.800	26.725
160	4.903	33.839	26.766
180	4.782	33.860	26.796
200	4.659	33.878	26.824
225	4.523	33.901	26.857
250	4.404	33.919	26.884
275	4.259	33.937	26.914
300	4.115	33.958	26.946
325	3.994	33.981	26.976
350	4.011	34.020	27.006
375	3.973	34.044	27.029
400	3.911	34.068	27.054
425	3.865	34.086	27.073
450	3.805	34.110	27.098
475	3.769	34.131	27.119
500	3.703	34.156	27.144
525	3.625	34.174	27.167
550	3.588	34.190	27.183
575	3.529	34.211	27.206



Station: ctd3

Month	Day	Year	Time	Latitude	Longitude
7	10	91	2136	47.9873 N	154.0283 W

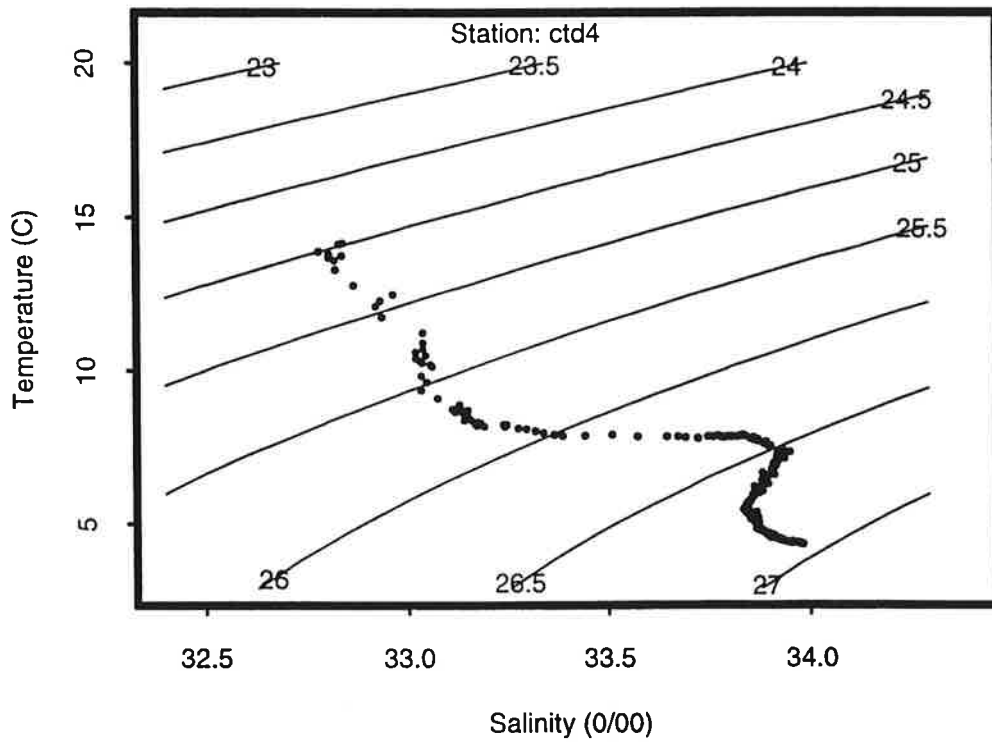
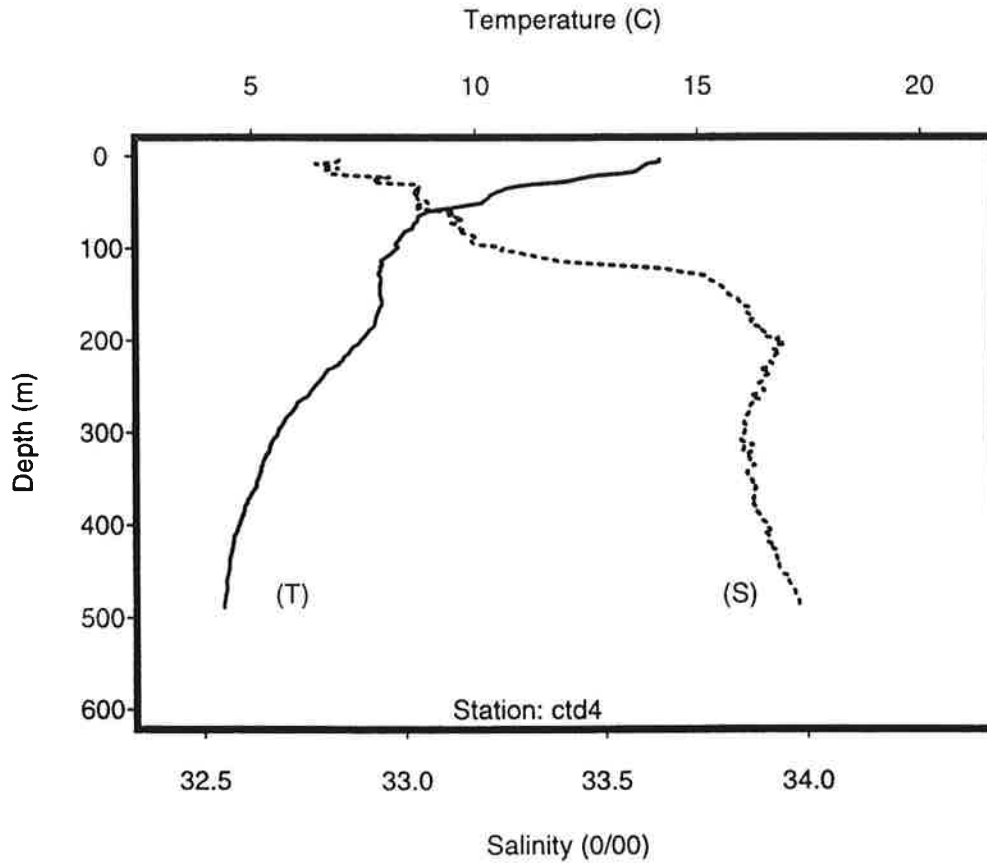
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	11.433	32.754	24.937
2	11.433	32.754	24.937
4	11.433	32.754	24.937
6	11.200	32.756	24.980
8	10.967	32.758	25.022
10	10.734	32.760	25.065
12	10.502	32.763	25.107
14	10.269	32.765	25.149
16	10.036	32.767	25.192
18	9.815	32.769	25.232
20	9.607	32.771	25.269
22	9.413	32.773	25.304
24	9.233	32.775	25.335
26	9.068	32.777	25.364
28	8.918	32.779	25.390
30	8.782	32.780	25.412
35	8.491	32.784	25.460
40	8.243	32.789	25.501
45	8.025	32.795	25.537
50	7.803	32.802	25.575
60	7.325	32.817	25.656
70	6.893	32.829	25.724
80	6.592	32.832	25.766
90	6.428	32.832	25.786
100	6.314	32.836	25.804
120	5.955	32.922	25.916
140	5.330	33.178	26.193
160	4.980	33.402	26.411
180	4.962	33.574	26.549
200	5.002	33.707	26.650
225	4.808	33.765	26.717
250	4.547	33.776	26.755
275	4.404	33.793	26.784
300	4.264	33.818	26.819
325	4.172	33.845	26.849
350	4.137	33.877	26.879
375	4.099	33.906	26.906
400	4.021	33.933	26.935
425	3.978	33.960	26.961
450	3.973	33.996	26.991
475	3.920	34.024	27.018



Station: ctd4

Month	Day	Year	Time	Latitude	Longitude
7	11	91	2114	44.874 N	154.5557 W

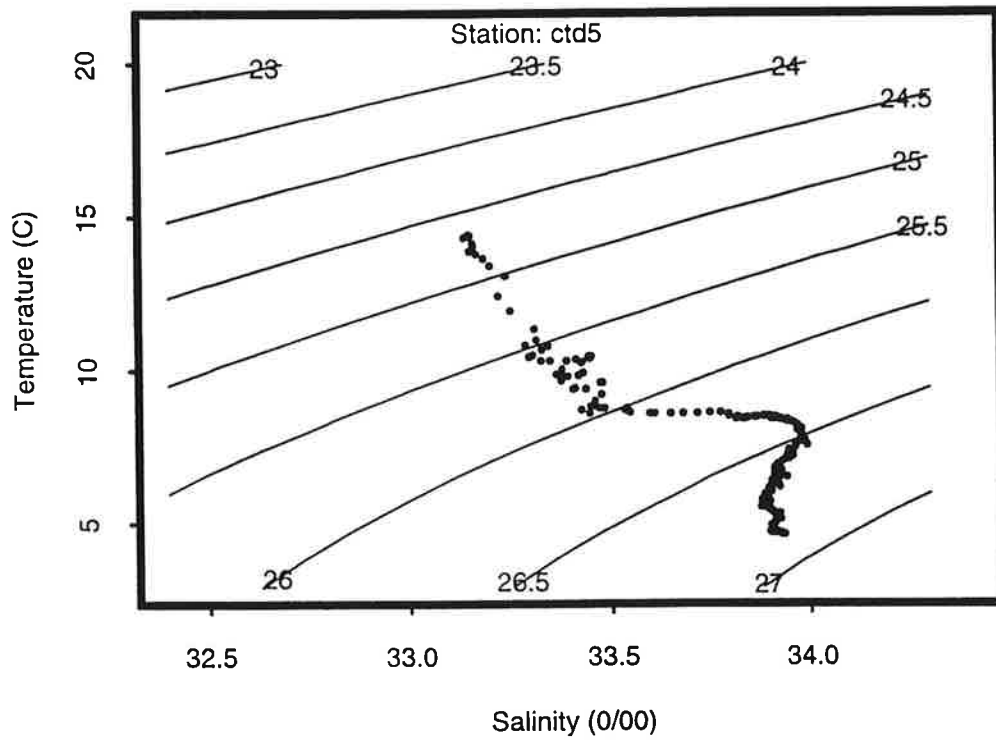
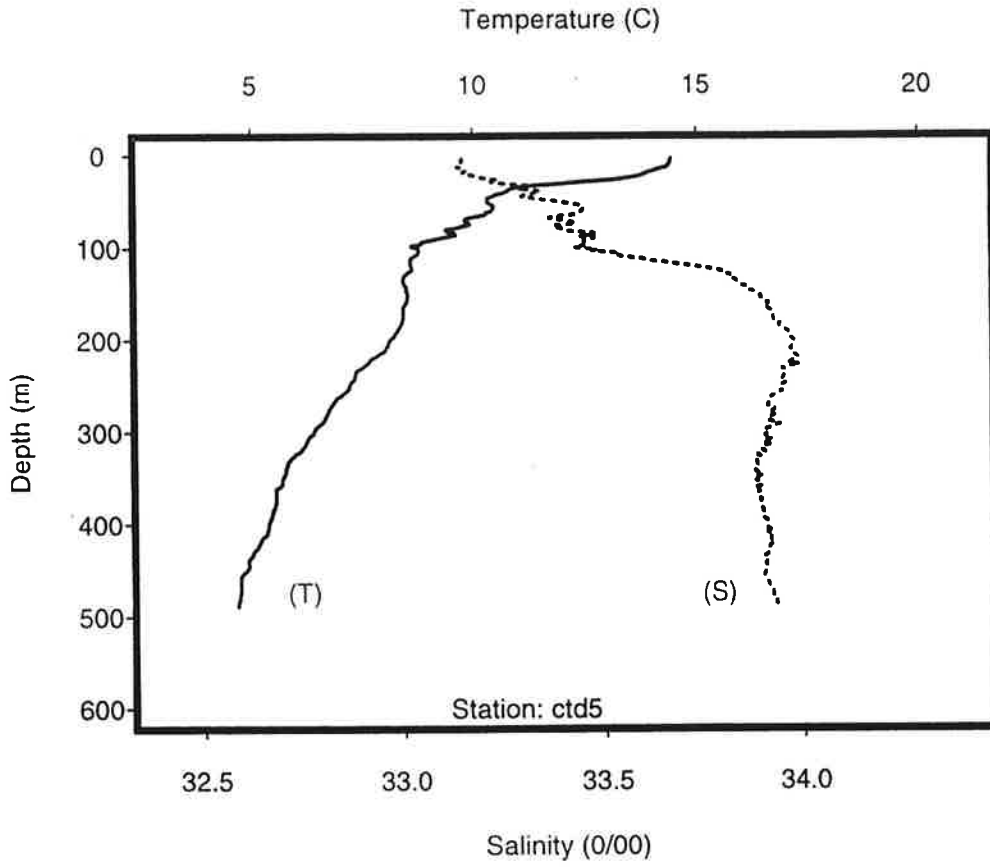
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.487	32.838	24.379
2	14.487	32.838	24.379
4	14.487	32.838	24.379
6	14.264	32.847	24.434
8	14.041	32.855	24.488
10	13.818	32.864	24.542
12	13.595	32.872	24.597
14	13.372	32.881	24.651
16	13.149	32.889	24.705
18	12.923	32.898	24.760
20	12.695	32.907	24.815
22	12.467	32.915	24.870
24	12.242	32.924	24.924
26	12.020	32.933	24.977
28	11.800	32.943	25.029
30	11.583	32.952	25.081
35	11.073	32.975	25.197
40	10.613	32.998	25.298
45	10.212	33.022	25.384
50	9.853	33.045	25.458
60	9.227	33.087	25.586
70	8.771	33.123	25.684
80	8.488	33.153	25.751
90	8.312	33.191	25.807
100	8.155	33.264	25.888
120	7.906	33.545	26.146
140	7.847	33.769	26.330
160	7.833	33.836	26.384
180	7.693	33.873	26.434
200	7.389	33.912	26.508
225	6.880	33.911	26.577
250	6.371	33.886	26.625
275	5.903	33.859	26.663
300	5.550	33.845	26.695
325	5.296	33.852	26.731
350	5.106	33.861	26.760
375	4.882	33.872	26.794
400	4.684	33.893	26.833
425	4.534	33.915	26.867
450	4.441	33.939	26.896
475	4.376	33.968	26.926



Station: ctd5

Month	Day	Year	Time	Latitude	Longitude
7	12	91	1050	42.9848 N	155.0027 W

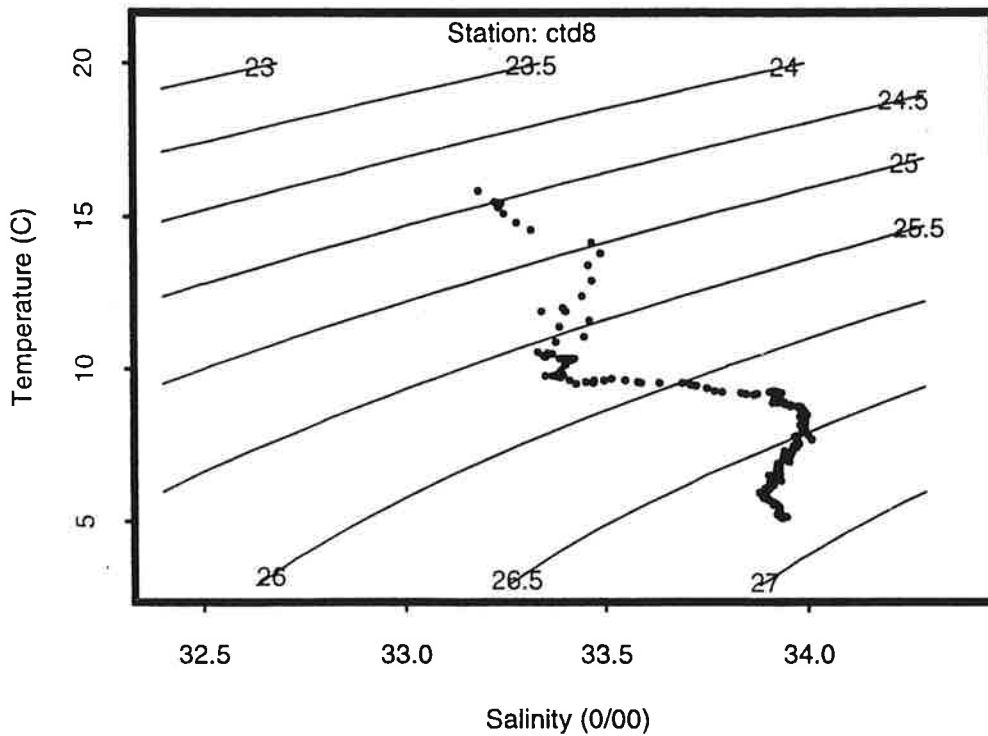
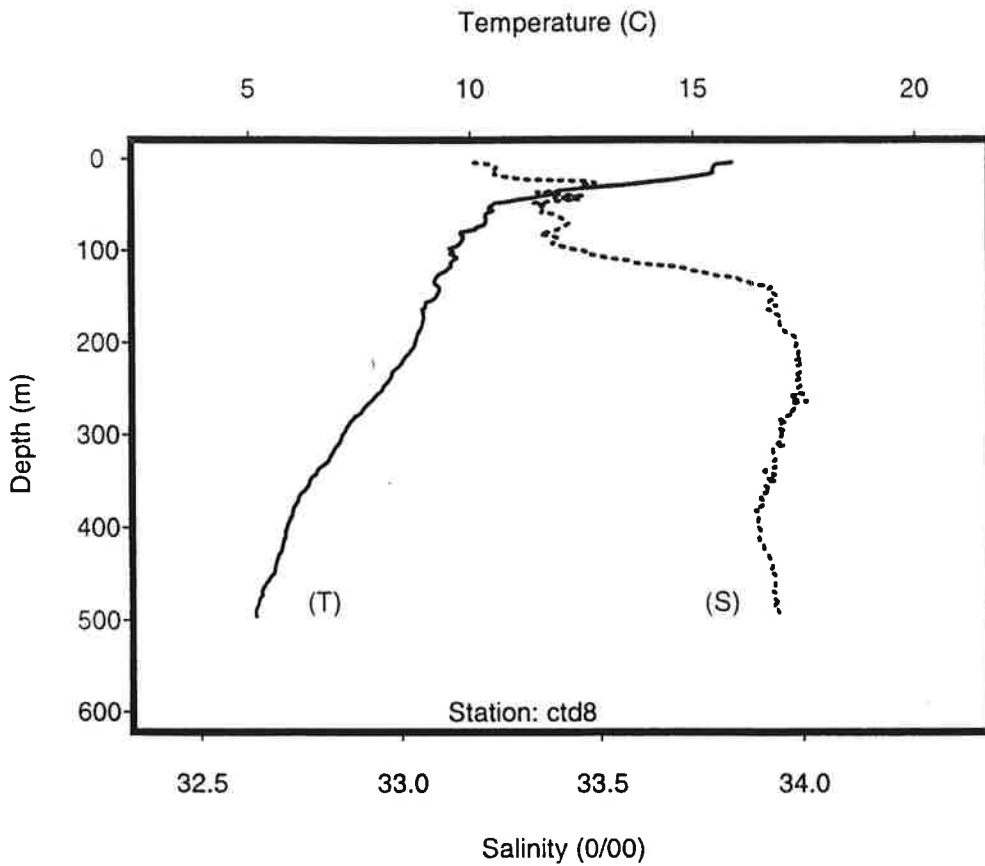
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.877	33.124	24.561
2	14.877	33.124	24.561
4	14.877	33.124	24.561
6	14.685	33.133	24.607
8	14.493	33.142	24.652
10	14.301	33.151	24.697
12	14.109	33.161	24.742
14	13.917	33.170	24.787
16	13.725	33.179	24.833
18	13.523	33.189	24.880
20	13.312	33.199	24.929
22	13.091	33.209	24.980
24	12.861	33.220	25.033
26	12.624	33.231	25.087
28	12.382	33.243	25.143
30	12.139	33.255	25.199
35	11.573	33.288	25.332
40	11.106	33.320	25.443
45	10.752	33.347	25.530
50	10.502	33.373	25.595
60	10.216	33.403	25.668
70	9.929	33.415	25.726
80	9.565	33.426	25.794
90	9.193	33.452	25.875
100	8.877	33.500	25.963
120	8.577	33.692	26.160
140	8.478	33.842	26.293
160	8.451	33.900	26.343
180	8.351	33.935	26.385
200	8.122	33.966	26.444
225	7.623	33.968	26.519
250	7.167	33.942	26.562
275	6.749	33.920	26.602
300	6.374	33.911	26.643
325	5.968	33.892	26.679
350	5.680	33.884	26.710
375	5.508	33.891	26.737
400	5.352	33.907	26.768
425	5.095	33.912	26.802
450	4.829	33.904	26.825
475	4.689	33.918	26.853



Station: ctd8

Month	Day	Year	Time	Latitude	Longitude
7	12	91	2137	41.7112 N	154.956 W

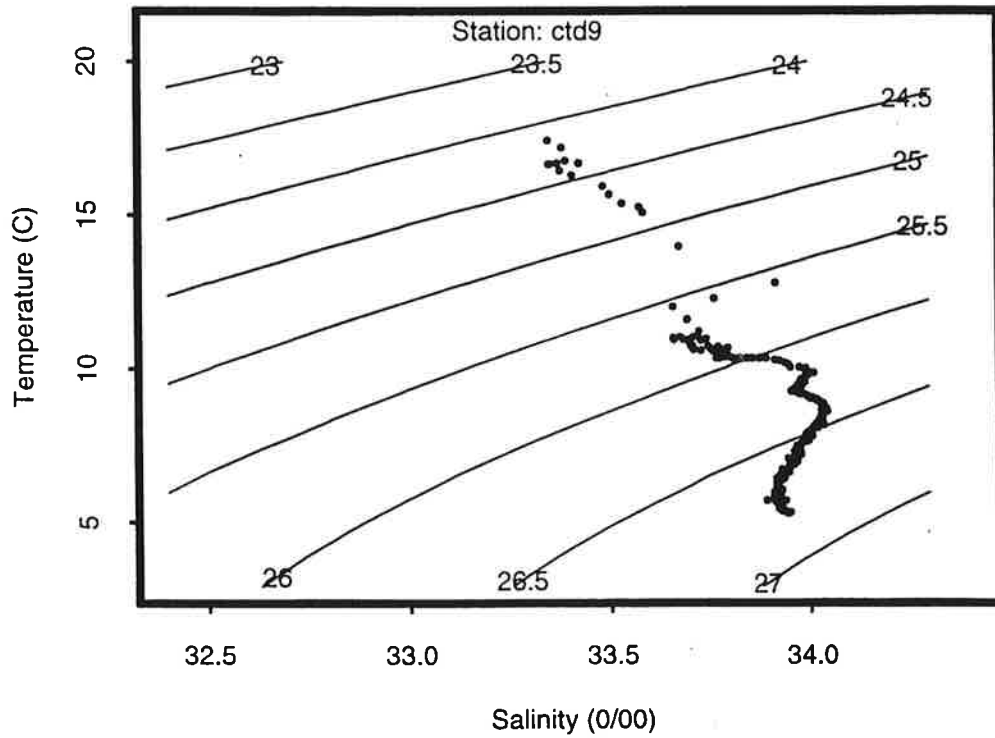
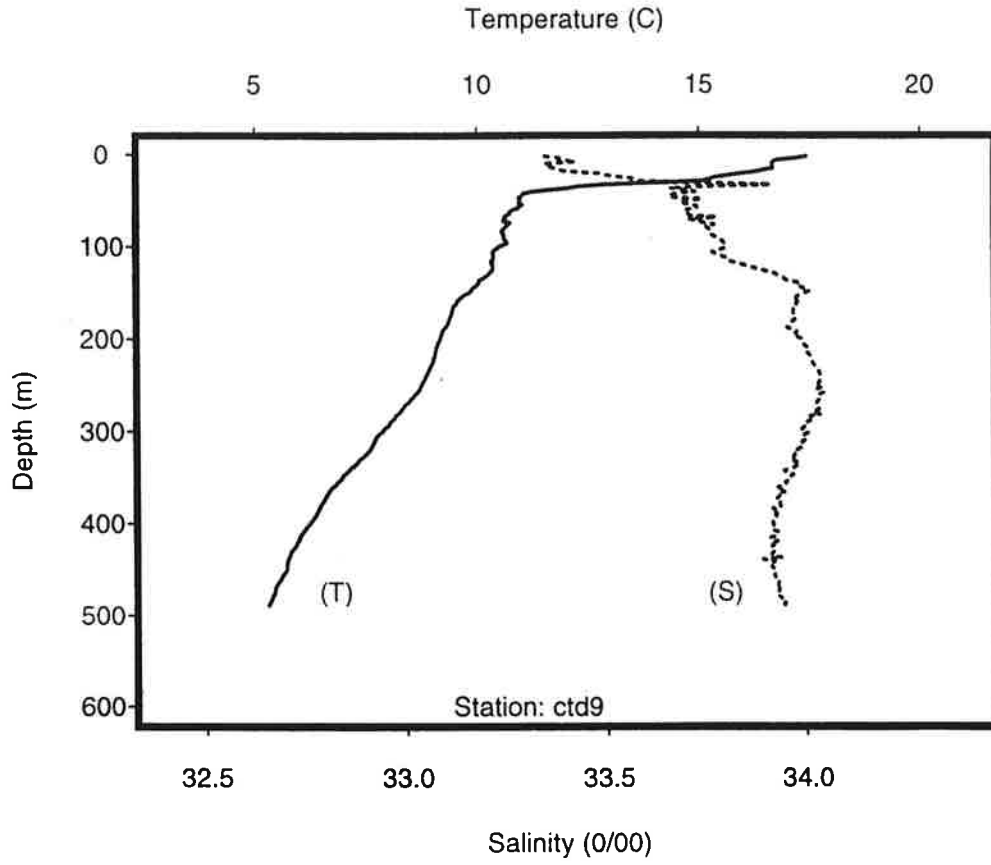
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	16.127	33.272	24.328
2	16.127	33.272	24.328
4	16.127	33.272	24.328
6	15.910	33.278	24.387
8	15.693	33.283	24.447
10	15.476	33.288	24.507
12	15.260	33.294	24.566
14	15.043	33.299	24.626
16	14.826	33.305	24.686
18	14.599	33.310	24.747
20	14.363	33.315	24.809
22	14.116	33.320	24.872
24	13.860	33.324	24.935
26	13.596	33.329	24.998
28	13.326	33.333	25.060
30	13.051	33.337	25.120
35	12.390	33.347	25.258
40	11.791	33.356	25.376
45	11.289	33.364	25.469
50	10.904	33.372	25.535
60	10.453	33.387	25.615
70	10.198	33.395	25.664
80	9.975	33.397	25.704
90	9.788	33.415	25.750
100	9.654	33.471	25.816
120	9.436	33.691	26.023
140	9.222	33.879	26.205
160	9.017	33.928	26.276
180	8.862	33.947	26.316
200	8.707	33.977	26.364
225	8.361	33.990	26.427
250	7.964	33.987	26.483
275	7.487	33.968	26.538
300	7.088	33.944	26.575
325	6.761	33.927	26.606
350	6.360	33.914	26.648
375	6.037	33.896	26.676
400	5.832	33.890	26.696
425	5.675	33.904	26.727
450	5.476	33.922	26.765
475	5.238	33.931	26.799



Station: ctd9

Month	Day	Year	Time	Latitude	Longitude
7	13	91	742	41 N	156.5 W

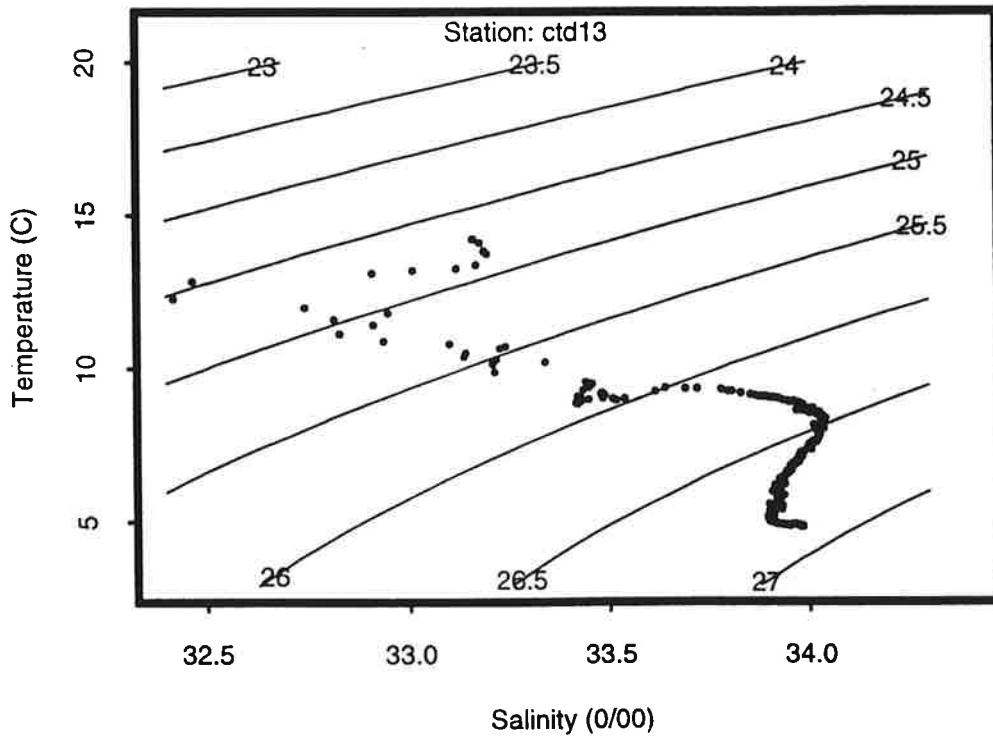
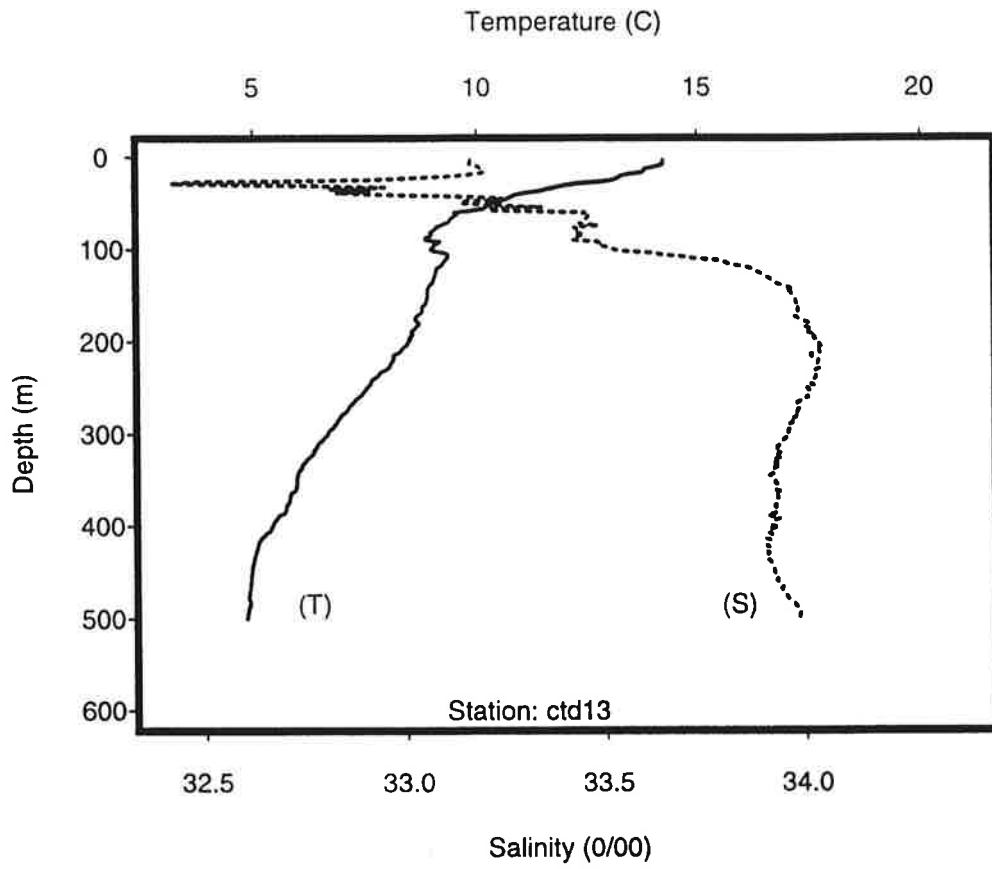
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	17.558	33.313	24.101
2	17.558	33.313	24.101
4	17.334	33.333	24.166
6	17.111	33.354	24.232
8	16.888	33.375	24.297
10	16.664	33.396	24.362
12	16.441	33.417	24.427
14	16.218	33.438	24.492
16	15.969	33.459	24.562
18	15.701	33.481	24.637
20	15.415	33.503	24.715
22	15.111	33.525	24.797
24	14.793	33.548	24.881
26	14.461	33.570	24.967
28	14.116	33.591	25.055
30	13.761	33.612	25.144
35	12.904	33.653	25.351
40	12.159	33.680	25.521
45	11.593	33.696	25.645
50	11.196	33.706	25.730
60	10.832	33.716	25.806
70	10.705	33.735	25.843
80	10.633	33.755	25.872
90	10.573	33.773	25.896
100	10.492	33.787	25.921
120	10.307	33.855	26.006
140	9.998	33.960	26.140
160	9.593	33.981	26.224
180	9.349	33.971	26.257
200	9.162	33.986	26.298
225	8.973	34.017	26.353
250	8.715	34.033	26.406
275	8.312	34.024	26.460
300	7.861	34.000	26.509
325	7.449	33.976	26.549
350	6.958	33.956	26.602
375	6.538	33.933	26.641
400	6.204	33.920	26.674
425	5.875	33.916	26.712
450	5.646	33.918	26.741
475	5.412	33.932	26.781



Station: ctd13

Month	Day	Year	Time	Latitude	Longitude
7	13	91	2305	43.0023 N	156.4972 W

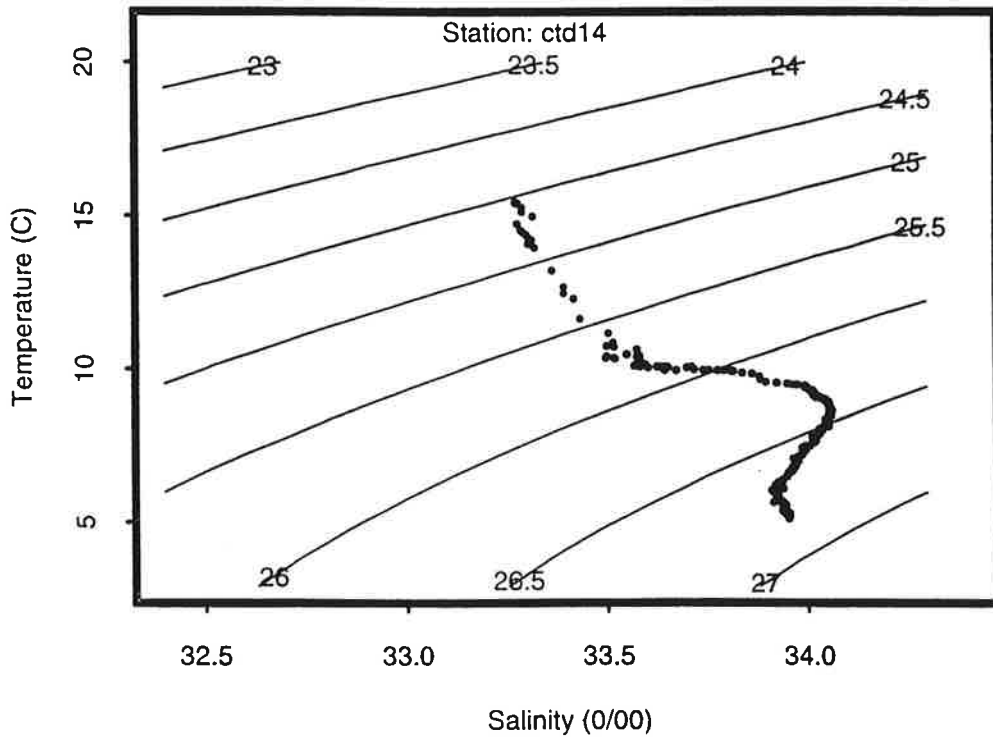
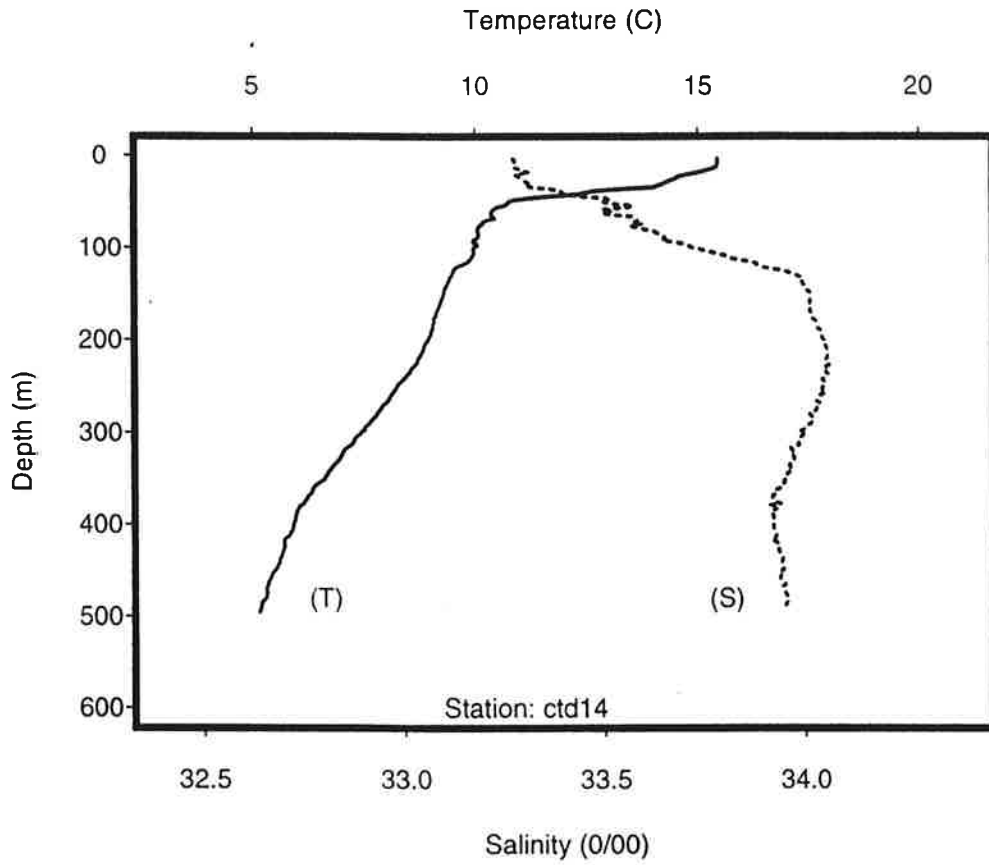
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.515	33.302	24.774
2	14.515	33.302	24.774
4	14.515	33.302	24.774
6	14.343	33.264	24.778
8	14.171	33.225	24.783
10	13.999	33.187	24.787
12	13.827	33.148	24.791
14	13.655	33.109	24.795
16	13.483	33.071	24.799
18	13.305	33.035	24.807
20	13.122	33.004	24.818
22	12.935	32.977	24.834
24	12.744	32.955	24.854
26	12.548	32.938	24.879
28	12.348	32.931	24.911
30	12.148	32.932	24.950
35	11.659	32.956	25.061
40	11.195	33.010	25.188
45	10.782	33.091	25.325
50	10.417	33.178	25.457
60	9.823	33.328	25.675
70	9.392	33.408	25.808
80	9.126	33.444	25.880
90	9.058	33.485	25.923
100	9.107	33.576	25.986
120	9.138	33.817	26.170
140	8.952	33.937	26.293
160	8.793	33.976	26.349
180	8.627	33.998	26.392
200	8.422	34.023	26.443
225	8.020	34.027	26.507
250	7.529	34.008	26.563
275	7.060	33.977	26.605
300	6.636	33.950	26.641
325	6.240	33.929	26.676
350	5.958	33.922	26.706
375	5.739	33.924	26.735
400	5.393	33.914	26.769
425	5.071	33.905	26.799
450	4.932	33.920	26.827
475	4.878	33.950	26.856
500	4.826	33.989	26.893



Station: ctd14

Month	Day	Year	Time	Latitude	Longitude
7	14	91	738	43 N	150 W

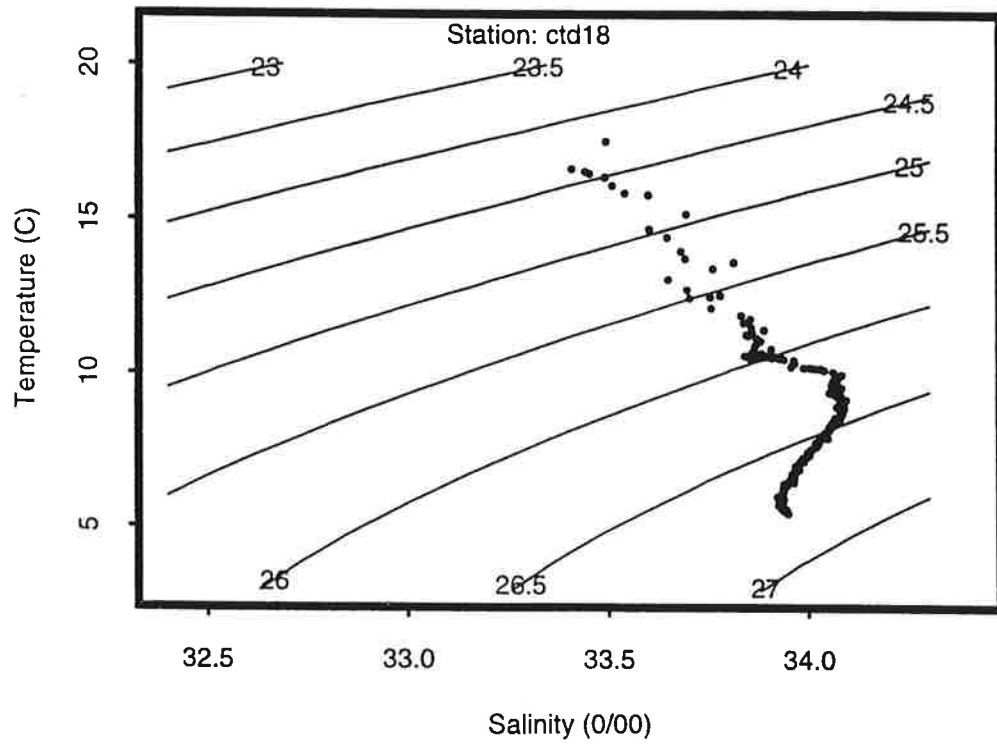
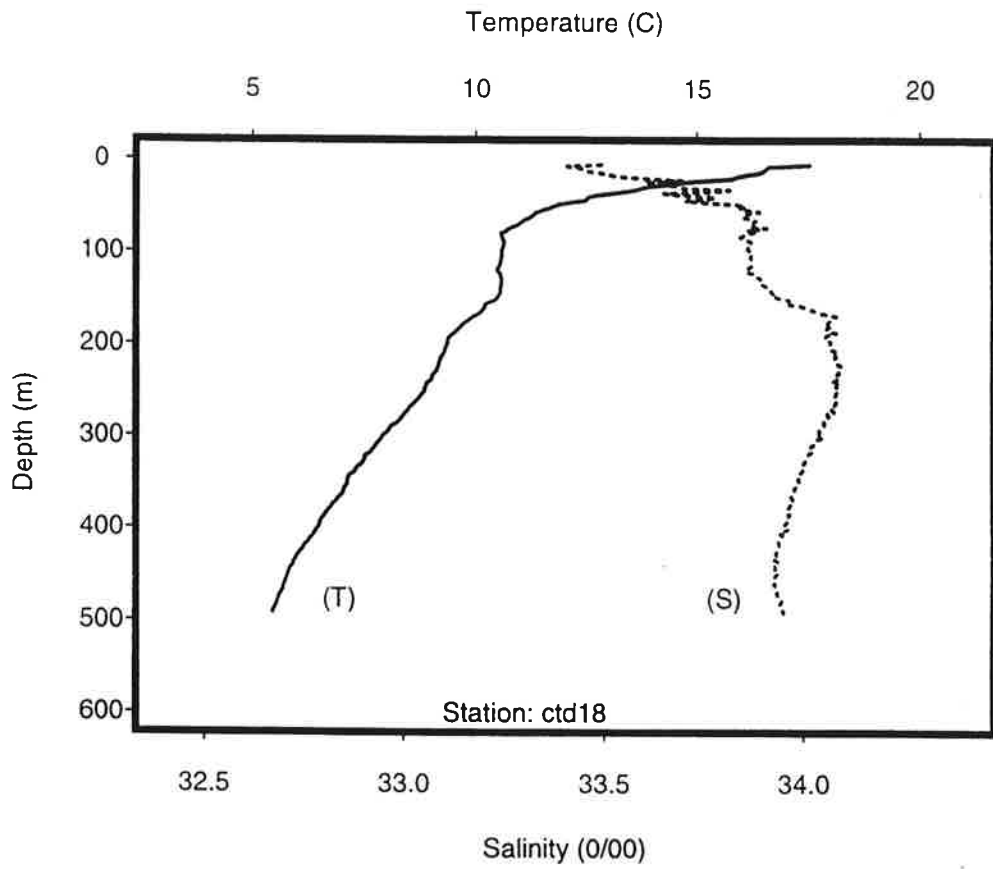
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.707	33.269	24.486
2	15.707	33.269	24.486
4	15.707	33.269	24.486
6	15.585	33.272	24.514
8	15.463	33.276	24.543
10	15.341	33.279	24.572
12	15.219	33.283	24.601
14	15.097	33.286	24.629
16	14.976	33.290	24.658
18	14.839	33.294	24.690
20	14.691	33.299	24.725
22	14.530	33.305	24.763
24	14.356	33.312	24.805
26	14.169	33.321	24.849
28	13.968	33.330	24.897
30	13.754	33.341	24.949
35	13.155	33.372	25.092
40	12.511	33.408	25.245
45	11.893	33.444	25.392
50	11.352	33.479	25.522
60	10.614	33.531	25.698
70	10.288	33.571	25.787
80	10.138	33.610	25.844
90	10.048	33.663	25.900
100	9.974	33.729	25.964
120	9.688	33.885	26.133
140	9.381	33.989	26.266
160	9.216	34.014	26.312
180	9.076	34.028	26.345
200	8.925	34.046	26.383
225	8.655	34.056	26.433
250	8.260	34.047	26.487
275	7.854	34.026	26.530
300	7.423	33.997	26.570
325	6.986	33.972	26.611
350	6.573	33.949	26.648
375	6.148	33.924	26.683
400	5.882	33.921	26.715
425	5.673	33.931	26.749
450	5.465	33.940	26.781
475	5.271	33.947	26.809



Station: ctd18

Month	Day	Year	Time	Latitude	Longitude
7	14	91	2140	41.2947 N	157.9523 W

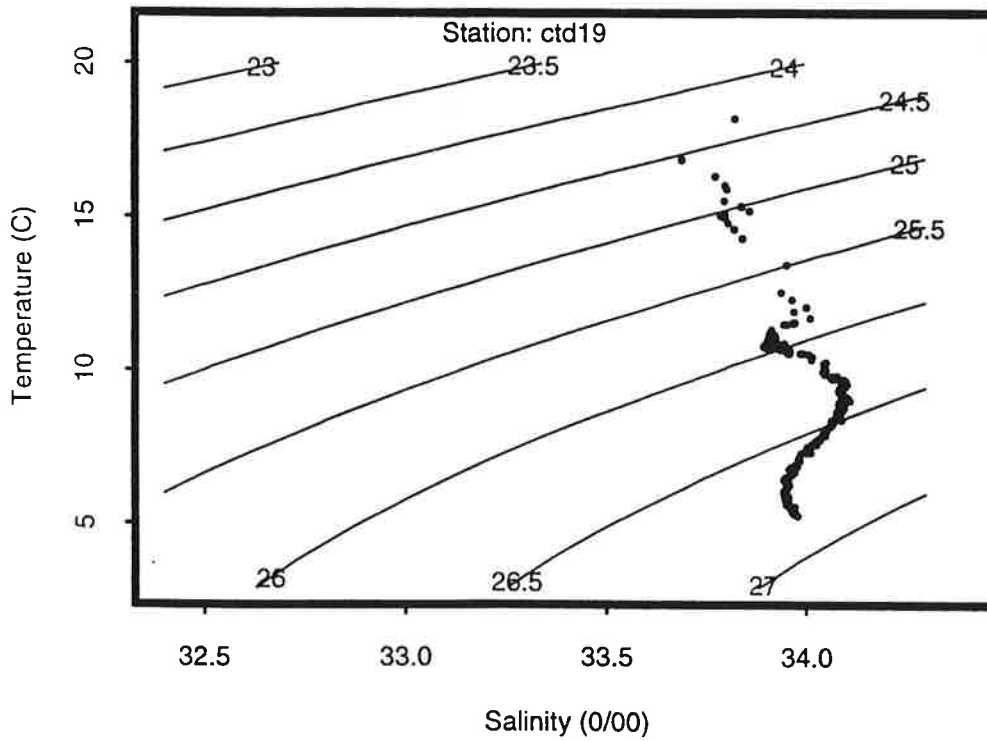
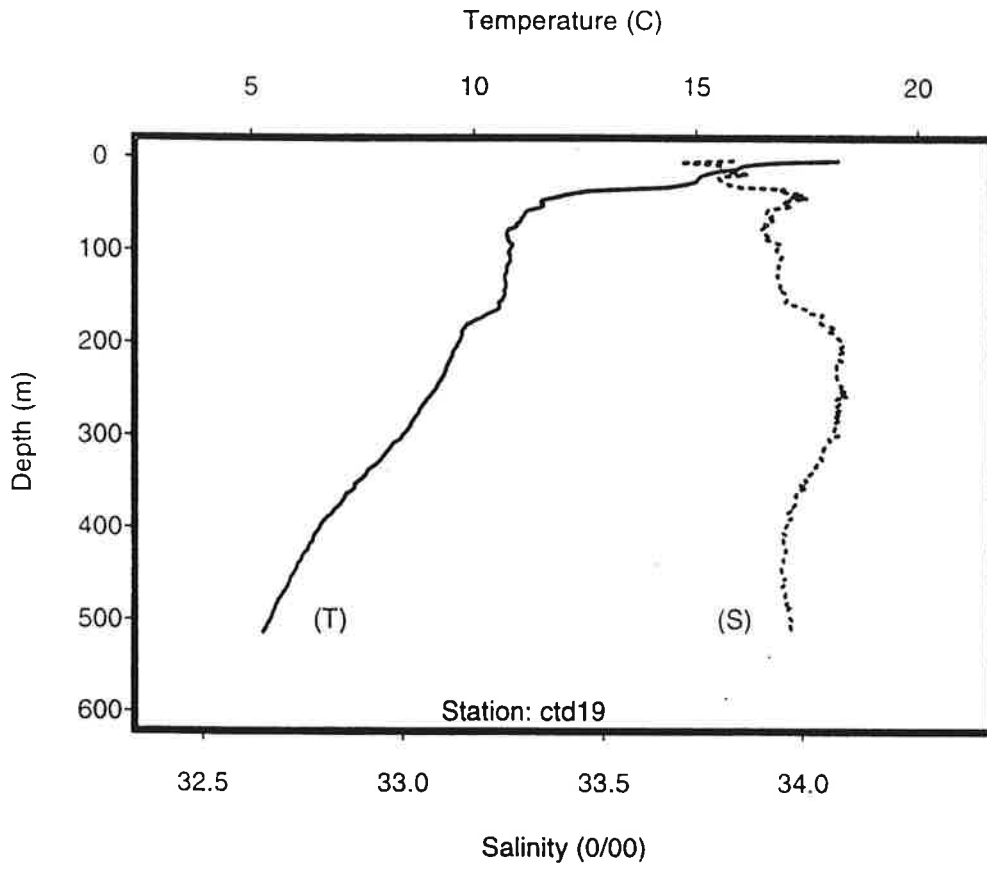
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	17.349	33.417	24.226
2	17.349	33.417	24.226
4	17.349	33.417	24.226
6	17.349	33.417	24.226
8	17.066	33.440	24.306
10	16.782	33.463	24.386
12	16.499	33.486	24.466
14	16.216	33.509	24.546
16	15.932	33.532	24.626
18	15.649	33.554	24.707
20	15.367	33.576	24.785
22	15.086	33.597	24.863
24	14.807	33.617	24.938
26	14.534	33.637	25.012
28	14.266	33.656	25.084
30	14.006	33.674	25.152
35	13.396	33.714	25.310
40	12.840	33.749	25.450
45	12.366	33.779	25.568
50	11.968	33.808	25.667
60	11.373	33.847	25.809
70	10.977	33.865	25.896
80	10.735	33.865	25.939
90	10.620	33.864	25.958
100	10.573	33.865	25.967
120	10.536	33.875	25.982
140	10.495	33.916	26.021
160	10.193	34.000	26.138
180	9.725	34.059	26.263
200	9.383	34.067	26.326
225	9.144	34.081	26.376
250	8.848	34.080	26.422
275	8.435	34.064	26.473
300	7.956	34.036	26.523
325	7.527	34.008	26.563
350	7.157	33.984	26.597
375	6.814	33.967	26.630
400	6.456	33.951	26.666
425	6.096	33.934	26.698
450	5.805	33.930	26.731
475	5.593	33.937	26.763



Station: ctd19

Month	Day	Year	Time	Latitude	Longitude
7	15	91	651	41.2458 N	159.5683 W

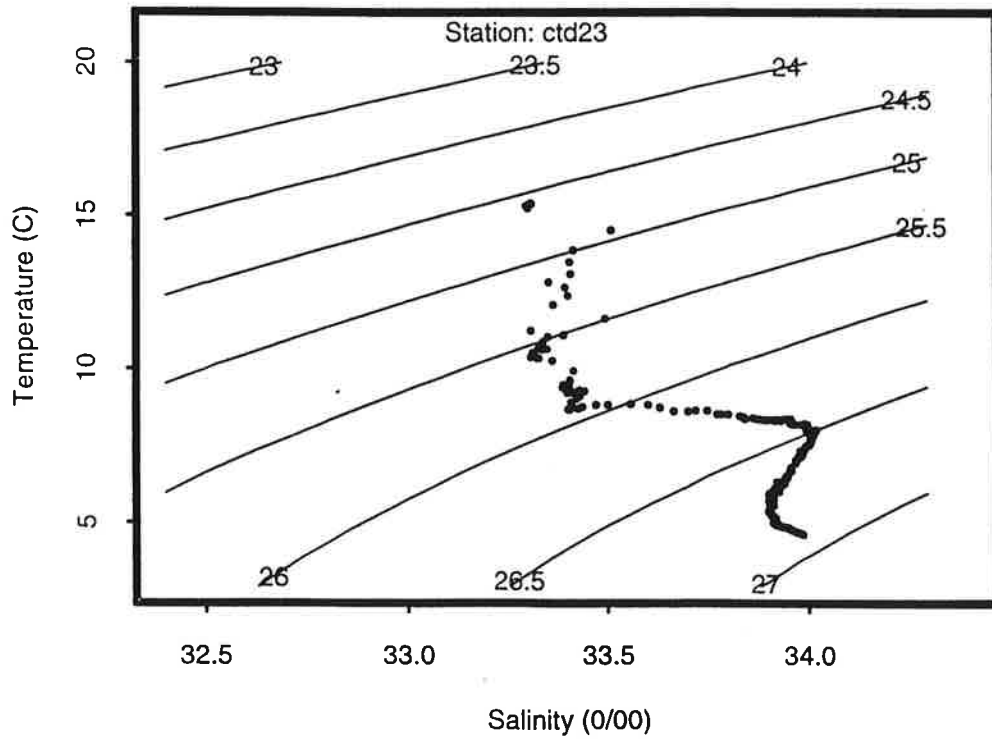
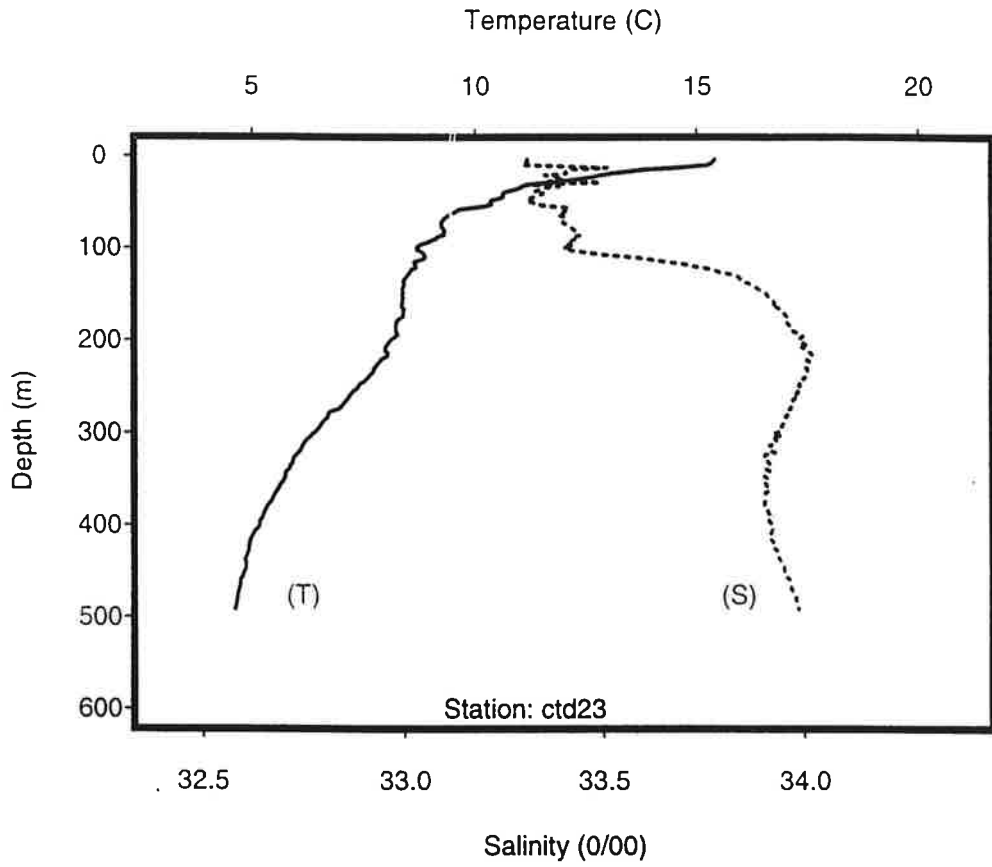
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	17.073	33.771	24.567
2	17.073	33.771	24.567
4	17.073	33.771	24.567
6	16.840	33.777	24.623
8	16.607	33.784	24.679
10	16.375	33.790	24.734
12	16.142	33.796	24.790
14	15.909	33.802	24.846
16	15.676	33.809	24.902
18	15.439	33.816	24.959
20	15.198	33.823	25.016
22	14.953	33.832	25.075
24	14.703	33.841	25.135
26	14.450	33.851	25.196
28	14.194	33.862	25.258
30	13.935	33.873	25.321
35	13.289	33.902	25.475
40	12.687	33.925	25.613
45	12.179	33.938	25.725
50	11.772	33.944	25.809
60	11.267	33.932	25.896
70	11.026	33.917	25.928
80	10.874	33.914	25.953
90	10.814	33.923	25.970
100	10.799	33.934	25.982
120	10.750	33.942	25.997
140	10.684	33.948	26.013
160	10.477	33.991	26.082
180	9.980	34.054	26.217
200	9.648	34.088	26.300
225	9.402	34.089	26.341
250	9.114	34.092	26.389
275	8.754	34.088	26.443
300	8.382	34.072	26.488
325	7.918	34.044	26.535
350	7.430	34.008	26.577
375	6.971	33.979	26.618
400	6.549	33.957	26.658
425	6.236	33.952	26.695
450	5.948	33.949	26.729
475	5.675	33.956	26.768
500	5.405	33.968	26.810



Station: ctd23

Month	Day	Year	Time	Latitude	Longitude
7	15	91	2206	43.2968 N	159.5408 W

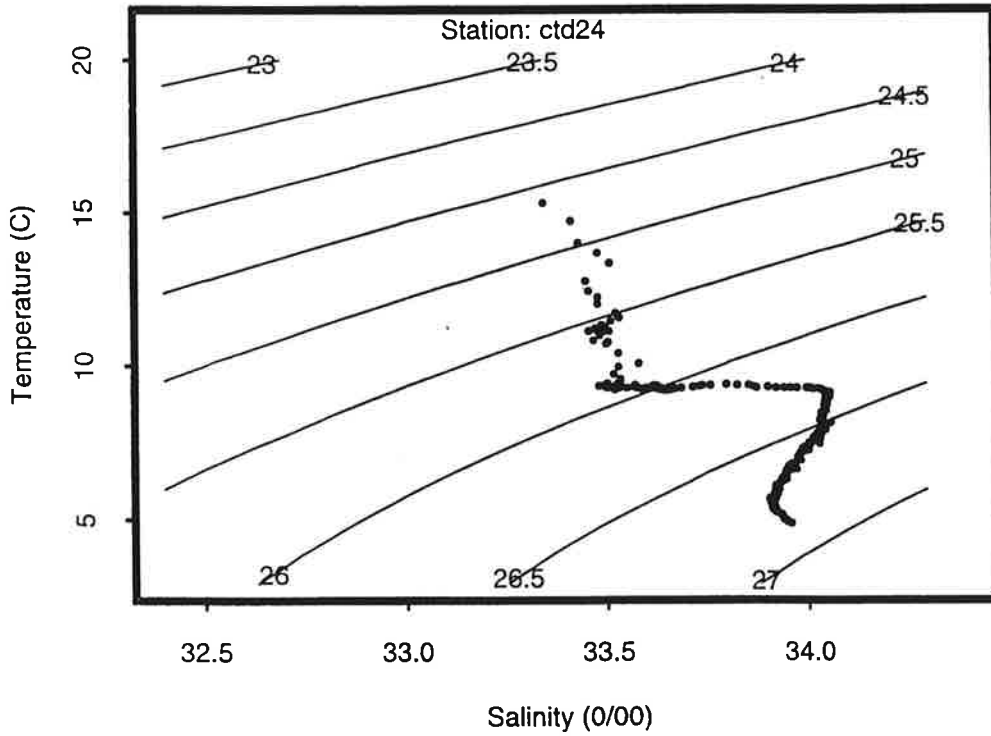
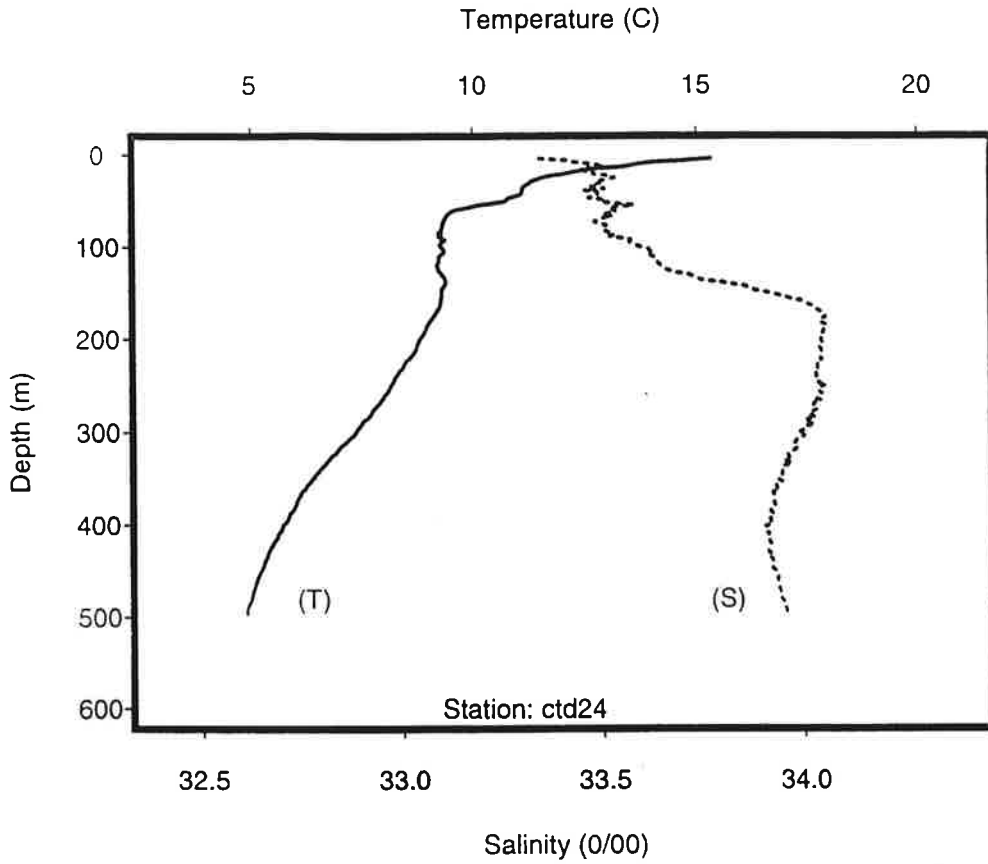
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.704	33.343	24.551
2	15.704	33.343	24.551
4	15.704	33.343	24.551
6	15.372	33.347	24.621
8	15.040	33.350	24.692
10	14.709	33.354	24.763
12	14.377	33.357	24.834
14	14.045	33.361	24.905
16	13.713	33.364	24.975
18	13.395	33.367	25.042
20	13.088	33.369	25.105
22	12.794	33.370	25.164
24	12.513	33.371	25.220
26	12.247	33.371	25.271
28	11.998	33.370	25.318
30	11.767	33.368	25.359
35	11.265	33.364	25.448
40	10.862	33.360	25.517
45	10.536	33.360	25.574
50	10.250	33.364	25.627
60	9.768	33.383	25.726
70	9.425	33.404	25.800
80	9.207	33.417	25.846
90	9.040	33.430	25.883
100	8.870	33.474	25.944
120	8.621	33.692	26.153
140	8.414	33.859	26.316
160	8.353	33.924	26.376
180	8.268	33.960	26.418
200	8.102	33.992	26.467
225	7.814	34.007	26.522
250	7.375	33.989	26.570
275	6.855	33.962	26.621
300	6.365	33.936	26.665
325	5.971	33.913	26.697
350	5.690	33.907	26.728
375	5.397	33.905	26.761
400	5.130	33.913	26.799
425	4.921	33.926	26.833
450	4.808	33.950	26.865
475	4.682	33.972	26.896



Station: ctd24

Month Day Year Time Latitude Longitude
 7 16 91 703 43.0005 N 161.0008 W

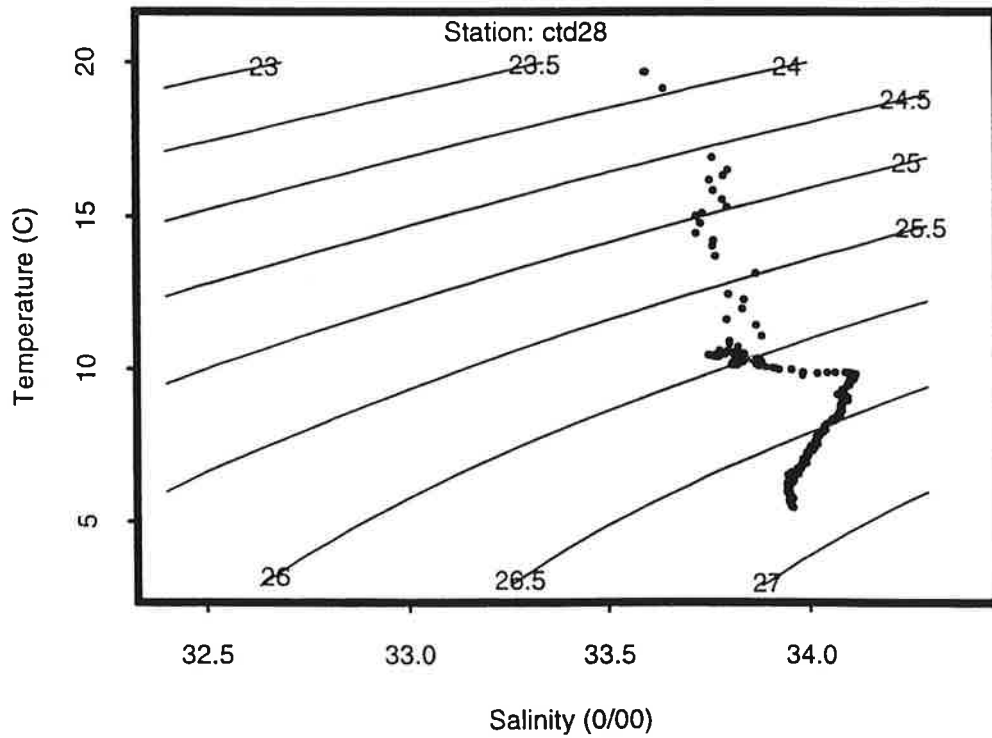
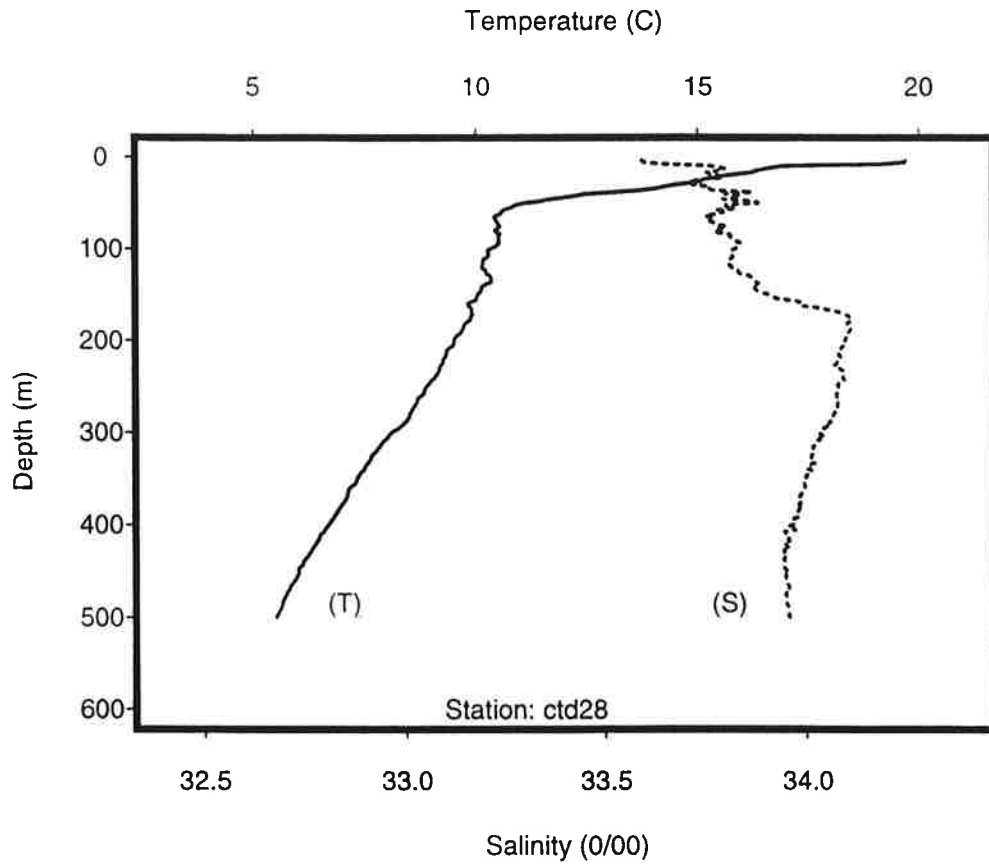
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.620	33.421	24.838
2	14.620	33.421	24.838
4	14.620	33.421	24.838
6	14.340	33.428	24.899
8	14.059	33.434	24.960
10	13.779	33.441	25.021
12	13.499	33.448	25.082
14	13.218	33.454	25.143
16	12.938	33.461	25.204
18	12.681	33.467	25.260
20	12.441	33.472	25.312
22	12.219	33.477	25.359
24	12.017	33.481	25.401
26	11.834	33.484	25.439
28	11.671	33.486	25.473
30	11.525	33.488	25.502
35	11.222	33.492	25.561
40	10.959	33.496	25.611
45	10.698	33.501	25.661
50	10.425	33.506	25.712
60	9.871	33.513	25.811
70	9.487	33.513	25.876
80	9.325	33.523	25.910
90	9.294	33.551	25.937
100	9.283	33.588	25.968
120	9.265	33.663	26.029
140	9.308	33.815	26.141
160	9.235	33.982	26.284
180	9.039	34.044	26.363
200	8.809	34.046	26.401
225	8.487	34.039	26.446
250	8.133	34.037	26.498
275	7.750	34.025	26.545
300	7.313	33.996	26.585
325	6.813	33.965	26.629
350	6.358	33.939	26.669
375	5.997	33.922	26.702
400	5.703	33.912	26.730
425	5.424	33.911	26.763
450	5.193	33.925	26.801
475	5.001	33.940	26.835



Station: ctd28

Month	Day	Year	Time	Latitude	Longitude
7	16	91	2119	41.3815 N	160.9795 W

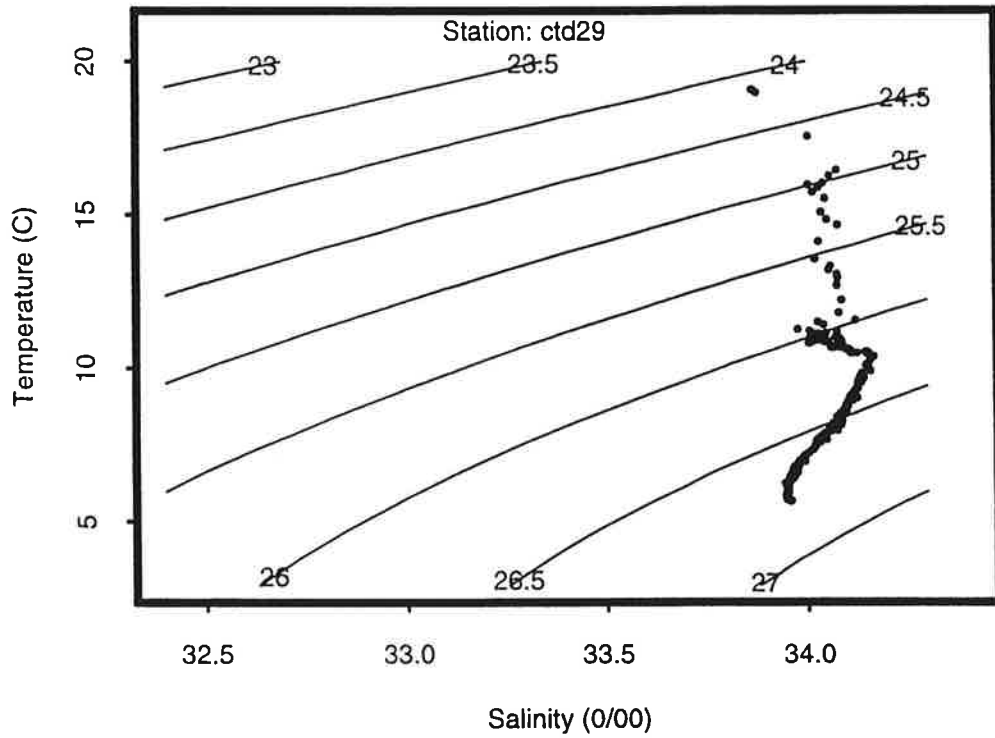
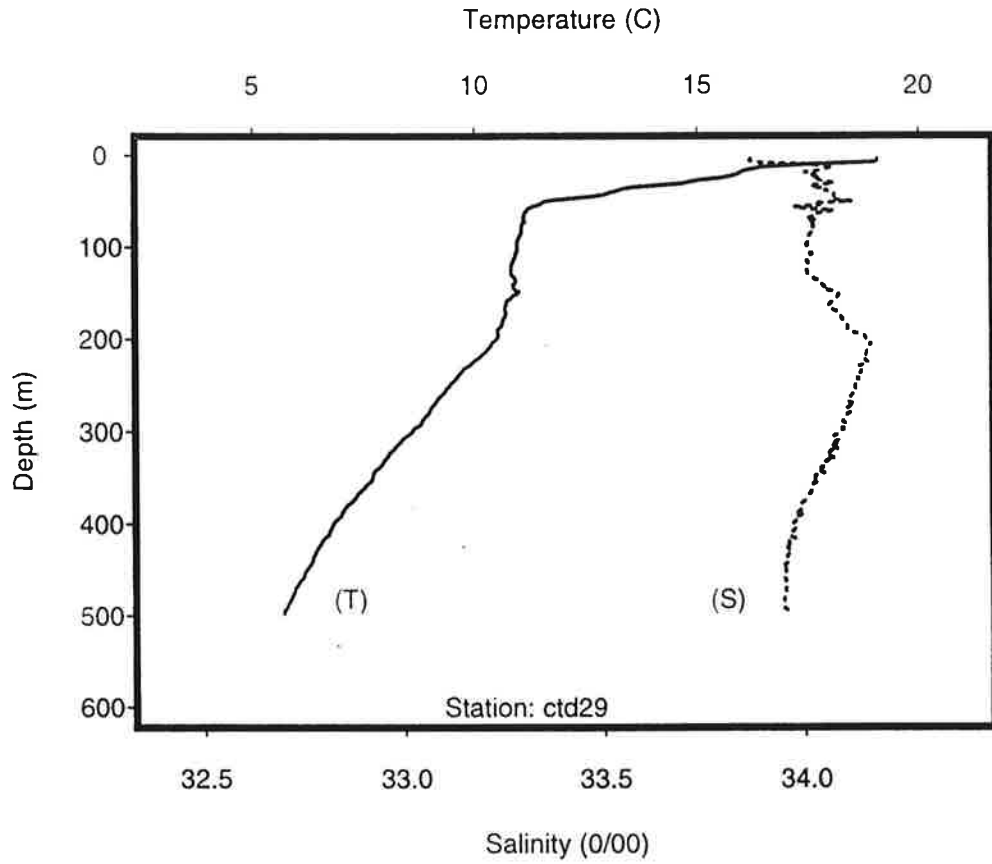
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	19.026	33.672	24.007
2	19.026	33.672	24.007
4	19.026	33.672	24.007
6	18.640	33.681	24.104
8	18.254	33.690	24.201
10	17.868	33.699	24.298
12	17.481	33.708	24.395
14	17.095	33.717	24.492
16	16.709	33.726	24.589
18	16.338	33.734	24.681
20	15.976	33.742	24.770
22	15.623	33.749	24.856
24	15.279	33.756	24.938
26	14.943	33.762	25.017
28	14.615	33.769	25.094
30	14.296	33.775	25.167
35	13.542	33.788	25.334
40	12.824	33.798	25.486
45	12.164	33.804	25.620
50	11.596	33.807	25.731
60	10.842	33.796	25.865
70	10.553	33.786	25.910
80	10.488	33.795	25.928
90	10.451	33.811	25.946
100	10.364	33.818	25.967
120	10.228	33.829	25.999
140	10.161	33.881	26.051
160	9.943	33.990	26.174
180	9.773	34.094	26.283
200	9.520	34.100	26.329
225	9.224	34.087	26.367
250	8.896	34.086	26.419
275	8.548	34.074	26.464
300	8.119	34.043	26.505
325	7.663	34.017	26.551
350	7.311	34.000	26.588
375	6.985	33.985	26.621
400	6.645	33.966	26.652
425	6.304	33.951	26.686
450	5.995	33.947	26.721
475	5.726	33.951	26.758
500	5.485	33.955	26.790



Station: ctd29

Month	Day	Year	Time	Latitude	Longitude
7	17	91	712	40.9977 N	162.5087 W

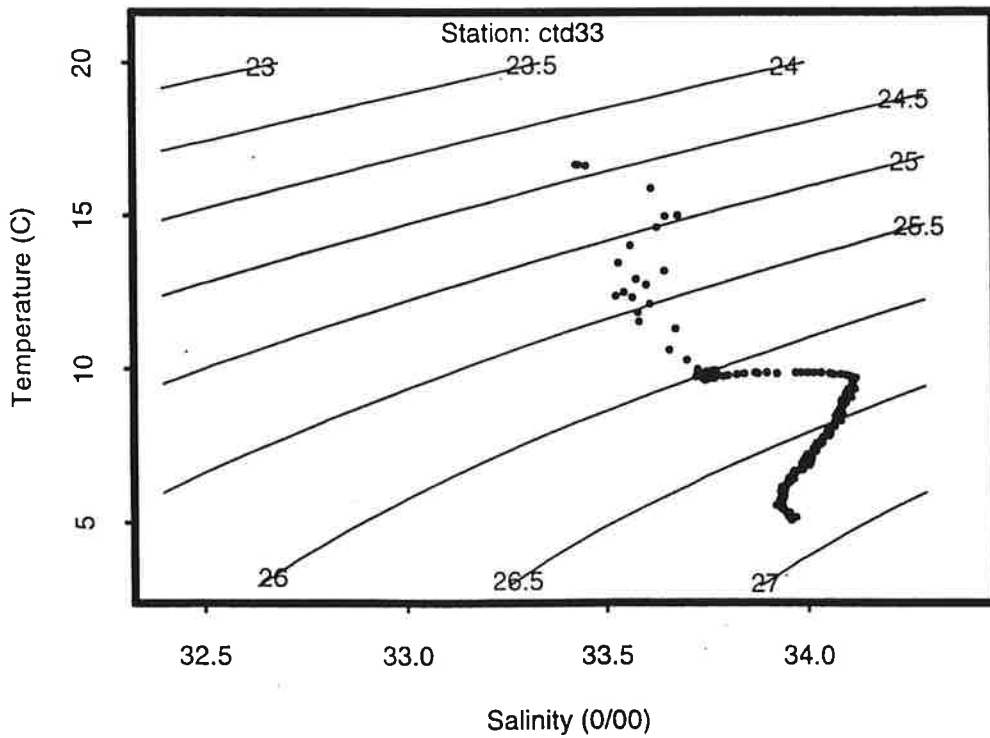
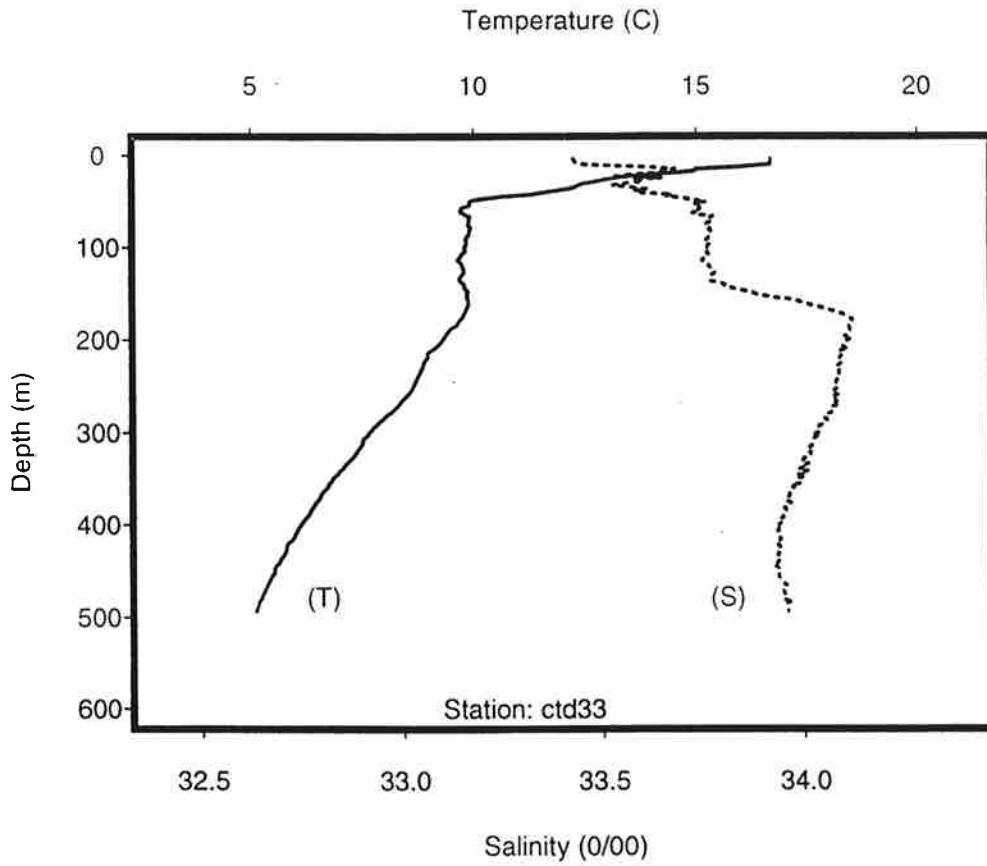
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	18.789	33.921	24.259
2	18.789	33.921	24.259
4	18.789	33.921	24.259
6	18.436	33.933	24.350
8	18.083	33.944	24.441
10	17.729	33.956	24.532
12	17.376	33.967	24.623
14	17.023	33.979	24.714
16	16.669	33.990	24.805
18	16.333	34.000	24.890
20	16.005	34.010	24.972
22	15.684	34.018	25.052
24	15.366	34.026	25.129
26	15.054	34.034	25.204
28	14.748	34.040	25.276
30	14.450	34.045	25.344
35	13.747	34.051	25.497
40	13.122	34.054	25.628
45	12.550	34.055	25.743
50	12.055	34.052	25.838
60	11.422	34.039	25.949
70	11.144	34.026	25.992
80	11.056	34.019	26.002
90	11.004	34.014	26.008
100	10.953	34.012	26.015
120	10.869	34.012	26.030
140	10.867	34.042	26.054
160	10.762	34.071	26.095
180	10.615	34.097	26.141
200	10.431	34.139	26.206
225	9.964	34.146	26.292
250	9.434	34.125	26.363
275	9.005	34.107	26.419
300	8.556	34.086	26.473
325	8.052	34.060	26.529
350	7.652	34.030	26.563
375	7.213	34.001	26.602
400	6.806	33.974	26.637
425	6.472	33.960	26.670
450	6.187	33.951	26.700
475	5.901	33.949	26.734



Station: ctd33

Month	Day	Year	Time	Latitude	Longitude
7	17	91	2205	42.8053 N	162.4932 W

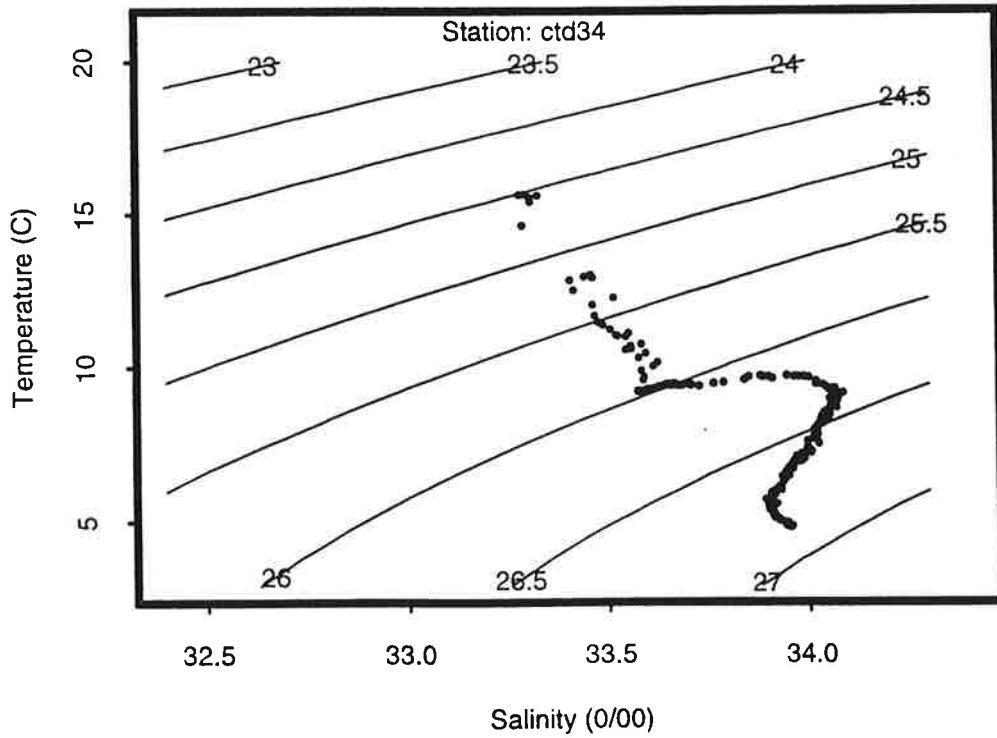
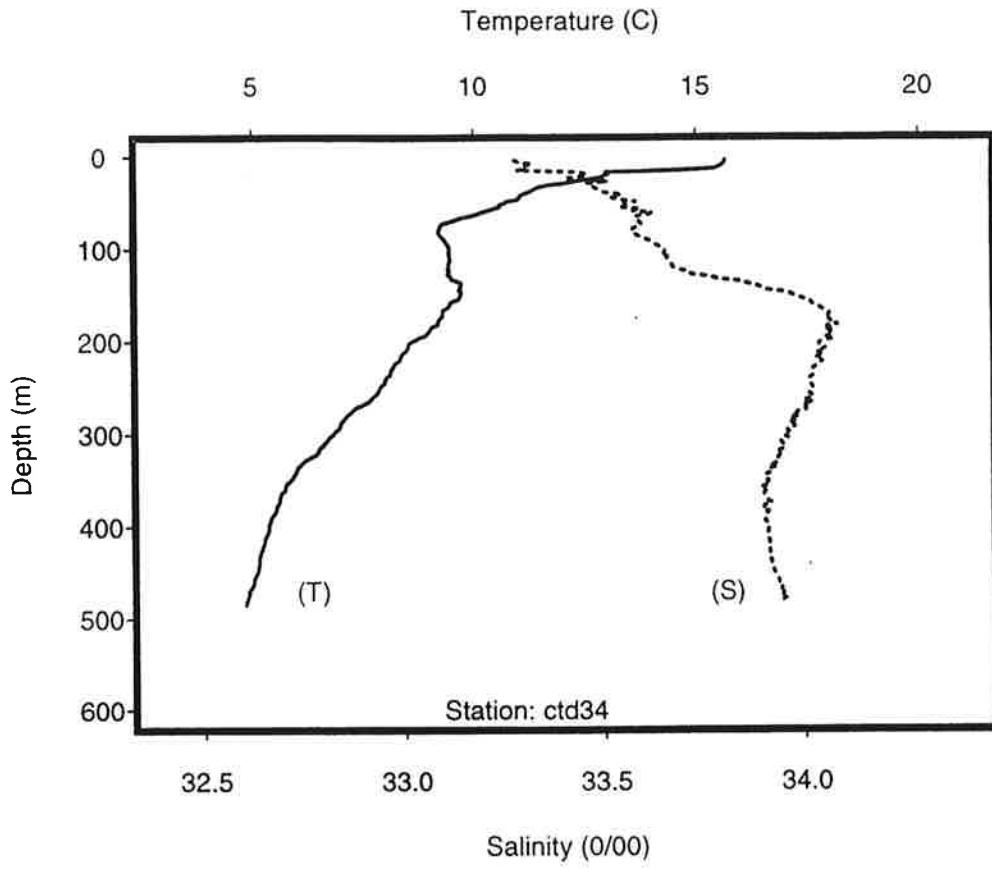
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	17.099	33.480	24.342
2	17.099	33.480	24.342
4	17.099	33.480	24.342
6	16.743	33.491	24.426
8	16.388	33.502	24.510
10	16.033	33.512	24.594
12	15.677	33.523	24.678
14	15.322	33.534	24.762
16	14.967	33.545	24.846
18	14.620	33.554	24.927
20	14.280	33.562	25.005
22	13.947	33.570	25.080
24	13.623	33.578	25.153
26	13.309	33.586	25.223
28	13.008	33.593	25.290
30	12.719	33.600	25.352
35	12.038	33.619	25.501
40	11.425	33.641	25.633
45	10.894	33.669	25.752
50	10.475	33.696	25.849
60	9.984	33.737	25.968
70	9.866	33.756	26.003
80	9.870	33.762	26.007
90	9.846	33.763	26.012
100	9.795	33.761	26.019
120	9.733	33.766	26.033
140	9.785	33.825	26.071
160	9.829	33.986	26.190
180	9.634	34.100	26.310
200	9.279	34.107	26.374
225	8.891	34.091	26.424
250	8.610	34.083	26.461
275	8.165	34.066	26.515
300	7.646	34.034	26.567
325	7.261	34.010	26.603
350	6.831	33.986	26.643
375	6.445	33.958	26.672
400	6.098	33.940	26.703
425	5.786	33.934	26.737
450	5.510	33.935	26.771
475	5.254	33.950	26.813



Station: ctd34

Month Day Year Time Latitude Longitude
 7 18 91 823 43.0107 N 163.9903 W

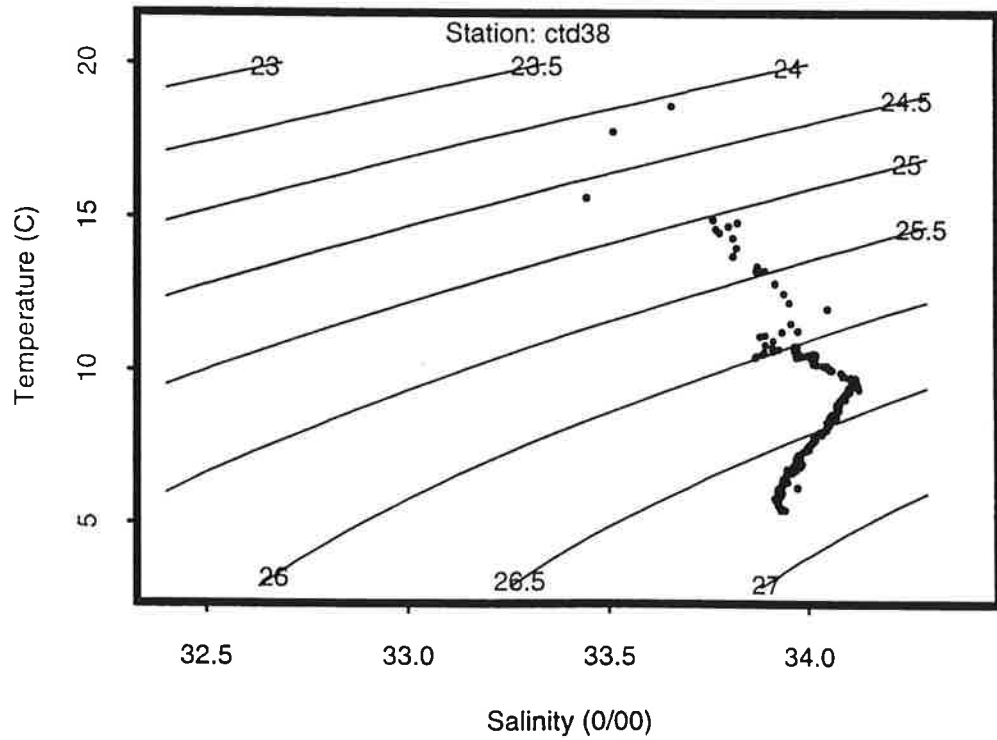
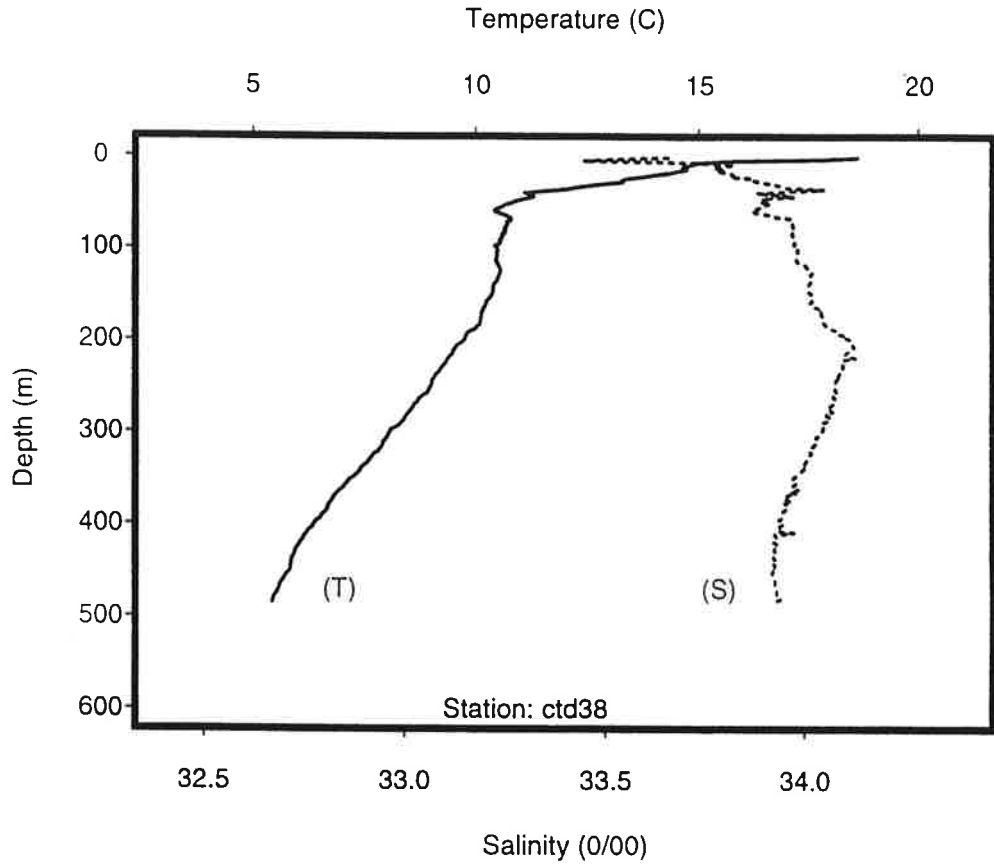
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	16.014	33.277	24.433
2	16.014	33.277	24.433
4	16.014	33.277	24.433
6	15.679	33.294	24.514
8	15.344	33.310	24.596
10	15.010	33.327	24.677
12	14.675	33.343	24.758
14	14.340	33.359	24.839
16	14.005	33.376	24.921
18	13.688	33.392	24.998
20	13.387	33.407	25.070
22	13.101	33.421	25.139
24	12.840	33.434	25.201
26	12.593	33.447	25.261
28	12.361	33.458	25.315
30	12.145	33.469	25.366
40	11.296	33.518	25.566
45	10.982	33.537	25.638
50	10.685	33.554	25.704
60	10.152	33.577	25.814
80	9.415	33.596	25.952
90	9.349	33.615	25.978
100	9.399	33.640	25.990
120	9.470	33.709	26.032
140	9.604	33.873	26.138
160	9.463	34.014	26.272
180	9.118	34.060	26.363
200	8.665	34.052	26.429
225	8.206	34.031	26.482
250	7.833	34.016	26.526
275	7.258	33.990	26.588
300	6.764	33.956	26.628
325	6.275	33.932	26.674
350	5.825	33.908	26.712
375	5.547	33.904	26.742
400	5.344	33.906	26.769
425	5.184	33.913	26.792
450	5.053	33.925	26.817
475	4.880	33.945	26.853



Station: ctd38

Month	Day	Year	Time	Latitude	Longitude
7	18	91	2120	41.5227 N	163.9838 W

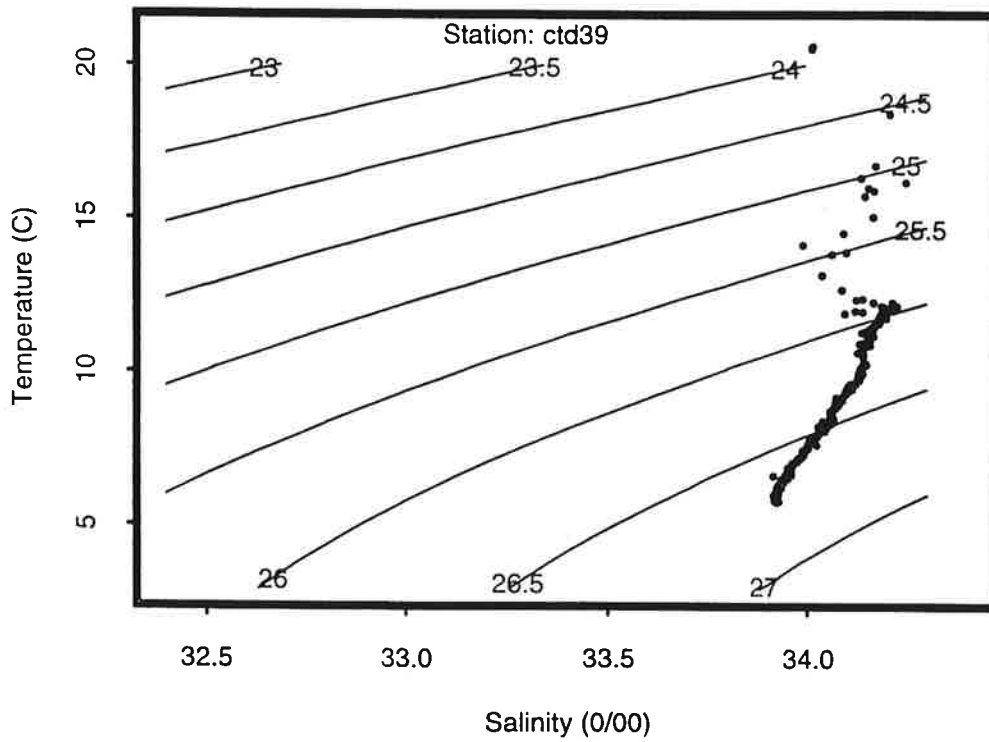
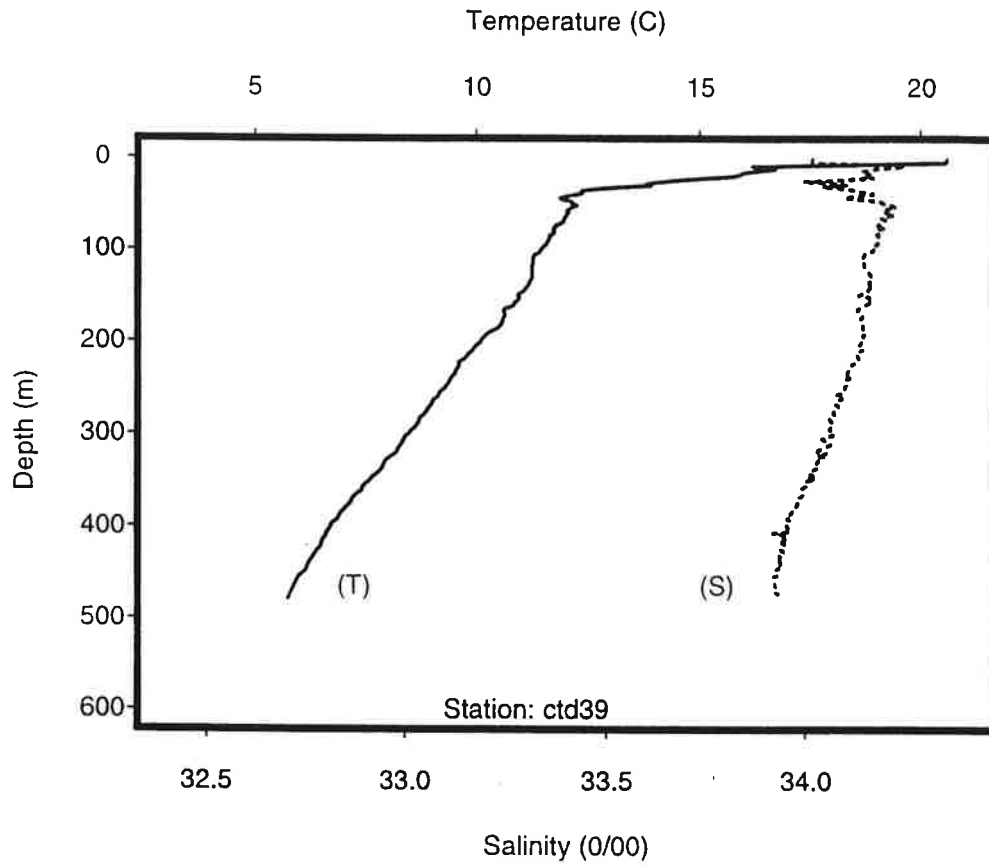
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	17.017	33.594	24.455
2	17.017	33.594	24.455
4	16.686	33.619	24.545
6	16.355	33.644	24.635
8	16.024	33.669	24.724
10	15.693	33.694	24.814
12	15.362	33.719	24.903
14	15.031	33.744	24.993
16	14.713	33.767	25.077
18	14.404	33.788	25.159
20	14.104	33.809	25.237
22	13.815	33.828	25.312
24	13.537	33.846	25.383
26	13.272	33.862	25.449
28	13.019	33.876	25.511
30	12.783	33.888	25.568
35	12.242	33.908	25.689
40	11.747	33.915	25.789
45	11.356	33.916	25.864
50	11.055	33.915	25.919
60	10.730	33.917	25.980
70	10.662	33.940	26.010
80	10.632	33.961	26.032
90	10.577	33.973	26.051
100	10.516	33.978	26.066
120	10.495	33.999	26.086
140	10.422	34.013	26.110
160	10.249	34.025	26.148
180	10.052	34.056	26.206
200	9.730	34.100	26.295
225	9.319	34.103	26.364
250	8.965	34.081	26.404
275	8.559	34.065	26.455
300	8.117	34.042	26.504
325	7.708	34.013	26.541
350	7.234	33.982	26.585
375	6.772	33.959	26.629
400	6.372	33.940	26.668
425	6.010	33.927	26.704
450	5.783	33.921	26.727
475	5.526	33.929	26.764



Station: ctd39

Month	Day	Year	Time	Latitude	Longitude
7	19	91	708	40.1483 N	164.018 W

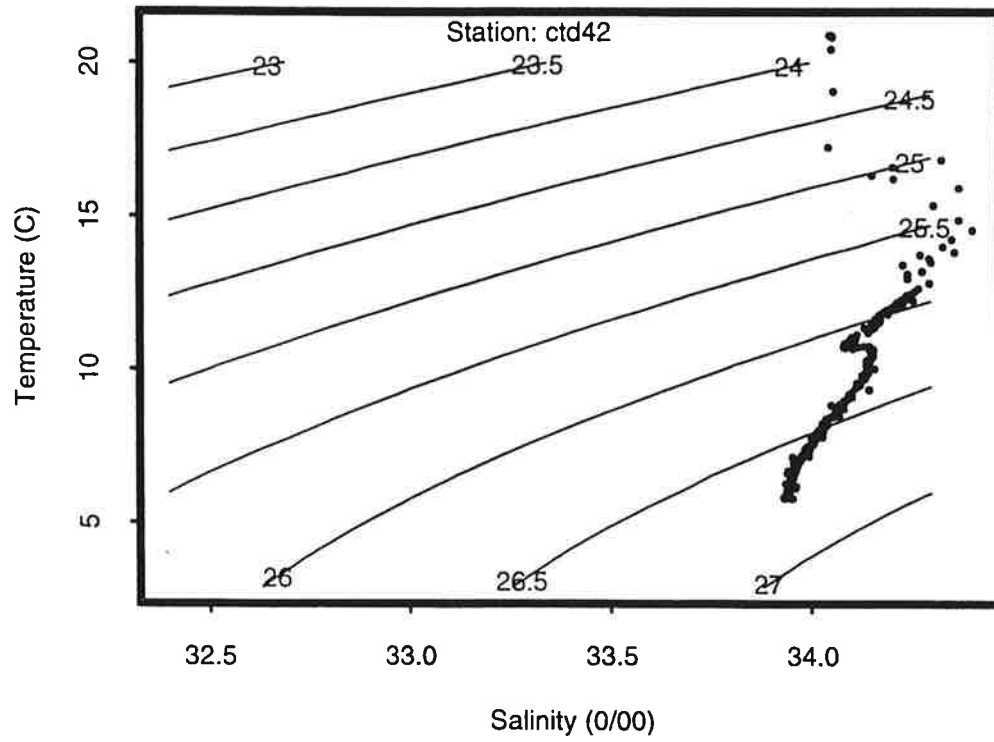
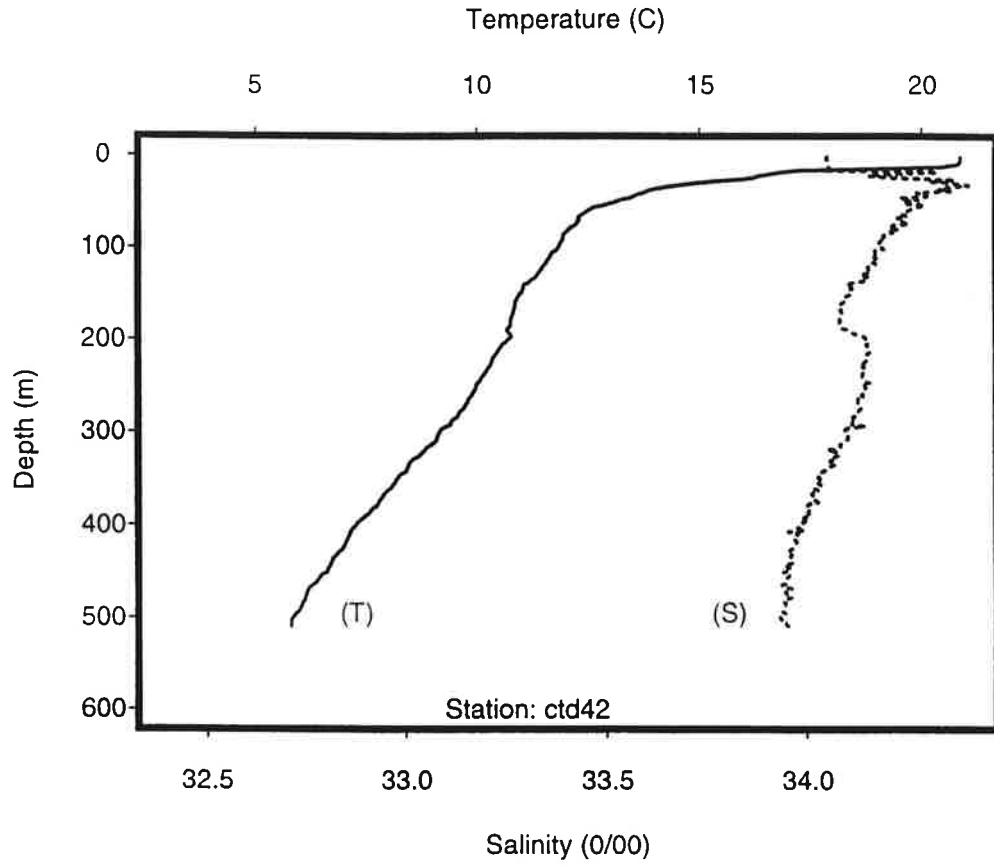
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	20.166	34.107	24.060
2	20.166	34.107	24.060
4	19.652	34.109	24.182
6	19.138	34.110	24.304
8	18.623	34.112	24.426
10	18.109	34.114	24.548
12	17.595	34.116	24.670
14	17.081	34.117	24.792
16	16.596	34.119	24.906
18	16.130	34.120	25.014
20	15.682	34.121	25.116
22	15.255	34.122	25.213
24	14.853	34.123	25.303
26	14.479	34.124	25.386
28	14.136	34.126	25.462
30	13.824	34.128	25.530
35	13.185	34.134	25.669
40	12.710	34.143	25.777
45	12.384	34.155	25.855
50	12.189	34.170	25.908
60	12.004	34.190	25.962
70	11.886	34.195	25.986
80	11.739	34.187	26.007
90	11.594	34.177	26.026
100	11.453	34.165	26.043
120	11.256	34.153	26.070
140	11.096	34.157	26.102
160	10.800	34.146	26.146
180	10.500	34.141	26.195
200	10.112	34.138	26.260
225	9.649	34.119	26.323
250	9.280	34.095	26.365
275	8.883	34.072	26.411
300	8.489	34.056	26.458
325	8.077	34.034	26.504
350	7.613	34.007	26.550
375	7.139	33.978	26.594
400	6.729	33.953	26.631
425	6.414	33.938	26.661
450	6.085	33.926	26.694
475	5.769	33.924	26.728



Station: ctd42

Month	Day	Year	Time	Latitude	Longitude
7	19	91	2114	39.7348 N	164.7872 W

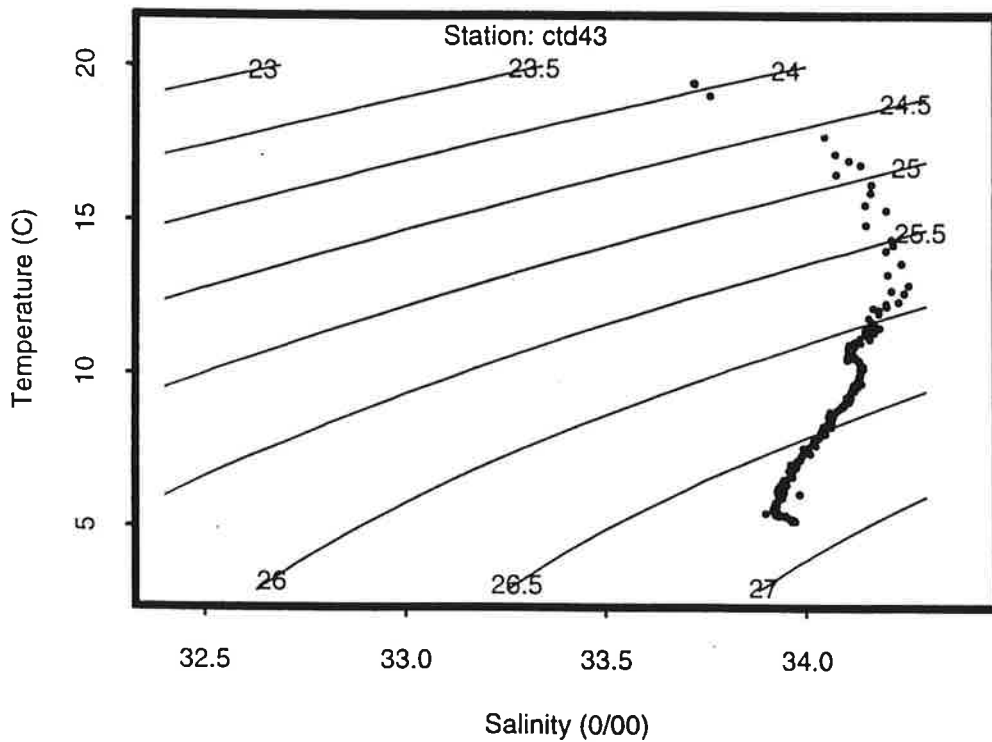
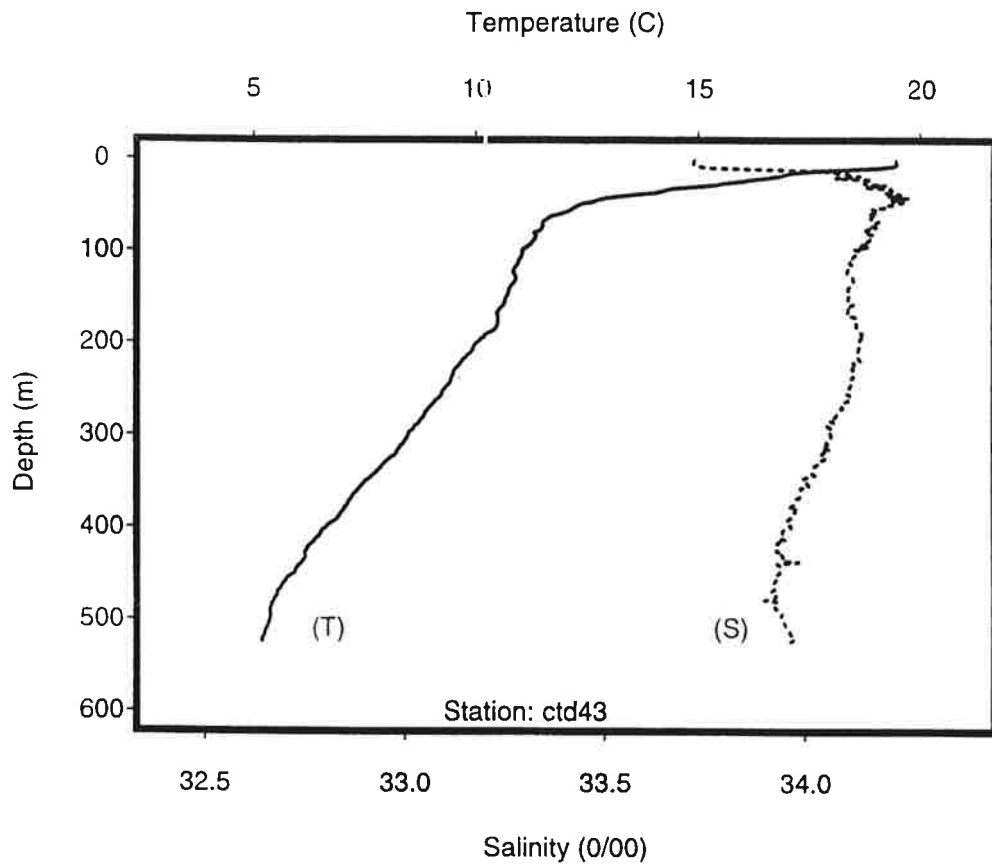
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	21.775	33.995	23.549
2	21.775	33.995	23.549
4	21.275	34.018	23.689
6	20.775	34.041	23.830
8	20.274	34.064	23.971
10	19.774	34.087	24.112
12	19.274	34.110	24.252
14	18.773	34.132	24.393
16	18.276	34.155	24.532
18	17.797	34.177	24.666
20	17.339	34.197	24.792
22	16.903	34.216	24.911
24	16.488	34.234	25.023
26	16.095	34.250	25.128
28	15.725	34.263	25.225
30	15.373	34.275	25.316
35	14.601	34.294	25.505
40	14.004	34.297	25.638
45	13.553	34.290	25.727
50	13.177	34.279	25.797
60	12.648	34.254	25.884
70	12.316	34.237	25.936
80	12.104	34.218	25.962
90	11.947	34.199	25.977
100	11.803	34.183	25.992
120	11.500	34.159	26.030
140	11.145	34.123	26.067
160	10.896	34.095	26.090
180	10.771	34.094	26.111
200	10.643	34.133	26.164
225	10.330	34.148	26.230
250	10.011	34.142	26.280
275	9.667	34.128	26.328
300	9.211	34.104	26.383
325	8.726	34.072	26.434
350	8.243	34.038	26.482
375	7.789	34.014	26.530
400	7.305	33.987	26.578
425	6.946	33.966	26.612
450	6.572	33.953	26.652
475	6.168	33.948	26.700
500	5.863	33.944	26.735



Station: ctd43

Month	Day	Year	Time	Latitude	Longitude
7	20	91	751	40.9992 N	165.4962 W

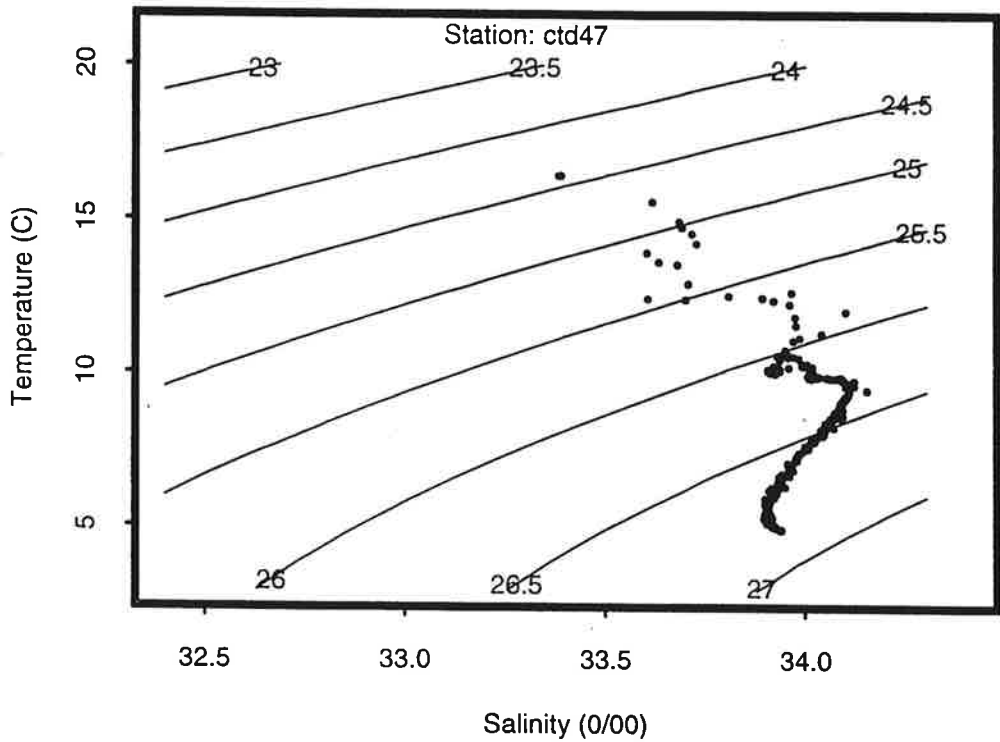
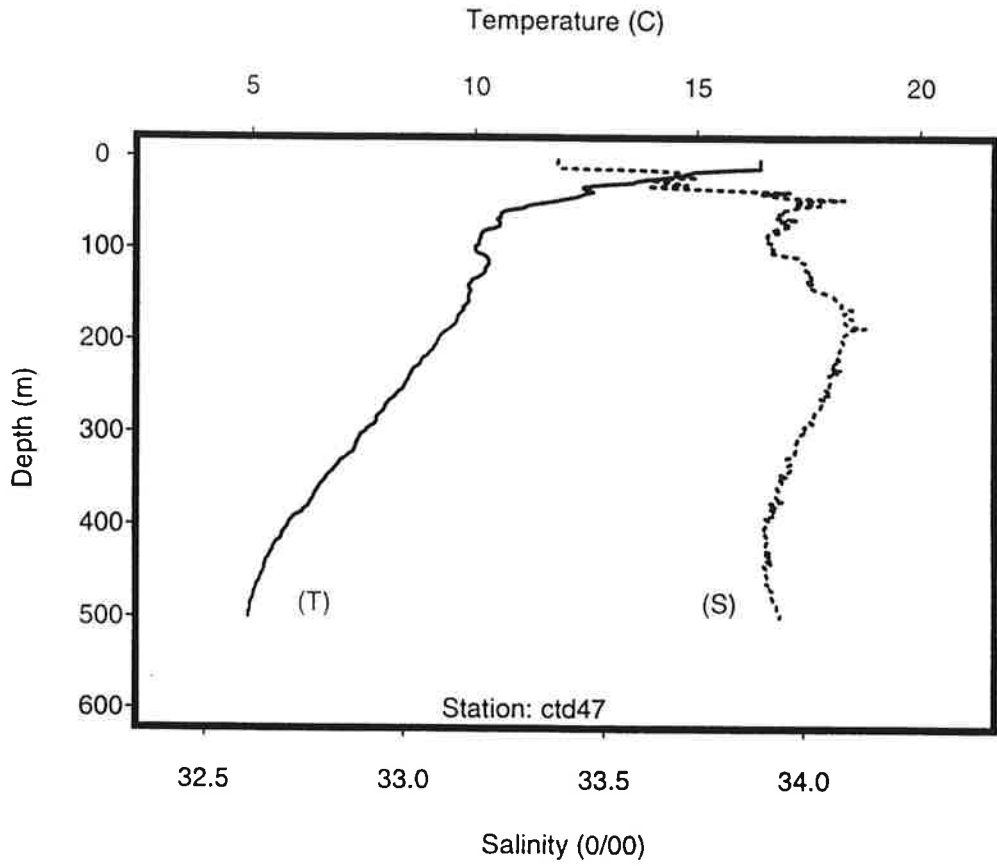
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	19.902	33.706	23.818
2	19.902	33.706	23.818
4	19.533	33.747	23.936
6	19.165	33.787	24.055
8	18.797	33.827	24.174
10	18.429	33.868	24.293
12	18.060	33.908	24.412
14	17.692	33.949	24.531
16	17.330	33.986	24.645
18	16.972	34.020	24.755
20	16.619	34.051	24.862
22	16.272	34.080	24.964
24	15.931	34.106	25.062
26	15.598	34.128	25.154
28	15.275	34.147	25.241
30	14.956	34.163	25.324
35	14.219	34.191	25.506
40	13.576	34.202	25.650
45	13.024	34.204	25.766
50	12.570	34.200	25.855
60	11.949	34.184	25.964
70	11.600	34.170	26.020
80	11.389	34.161	26.051
90	11.240	34.150	26.070
100	11.101	34.135	26.084
120	10.902	34.114	26.104
140	10.763	34.111	26.126
160	10.589	34.112	26.158
180	10.406	34.127	26.201
200	10.063	34.135	26.266
225	9.631	34.125	26.331
275	8.879	34.083	26.419
300	8.481	34.060	26.463
325	8.059	34.038	26.509
350	7.532	34.004	26.559
400	6.636	33.955	26.645
425	6.205	33.939	26.686
450	5.864	33.933	26.725
475	5.511	33.924	26.763
500	5.331	33.944	26.800



Station: ctd47

Month	Day	Year	Time	Latitude	Longitude
7	20	91	2106	42.2203 N	165.7523 W

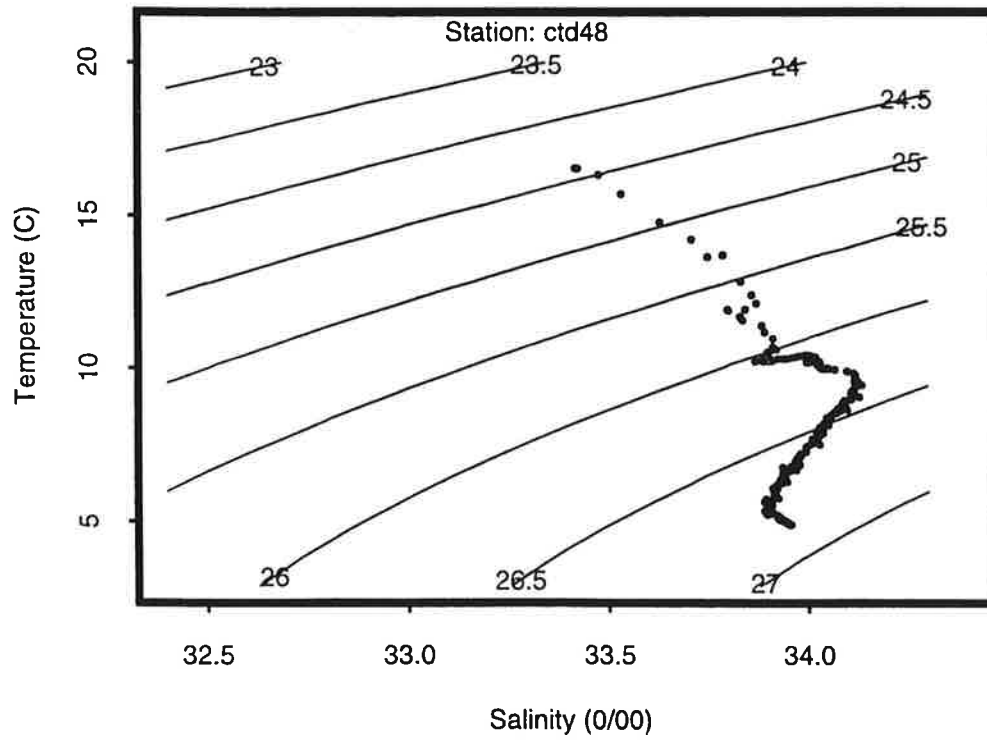
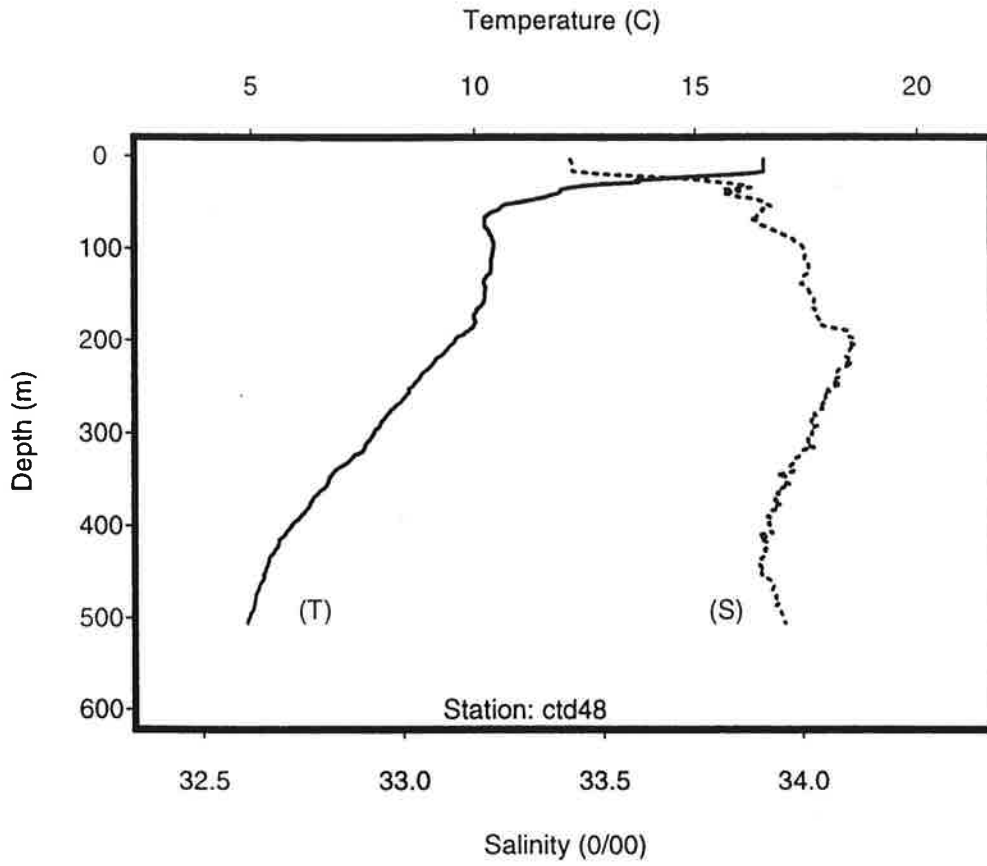
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	16.906	33.378	24.304
2	16.906	33.378	24.304
4	16.906	33.378	24.304
6	16.616	33.407	24.389
8	16.326	33.436	24.473
10	16.035	33.464	24.558
12	15.745	33.493	24.642
14	15.455	33.522	24.727
16	15.165	33.551	24.812
18	14.884	33.579	24.894
20	14.611	33.607	24.973
22	14.345	33.635	25.051
24	14.087	33.661	25.126
26	13.838	33.688	25.199
28	13.597	33.714	25.269
30	13.364	33.740	25.337
35	12.835	33.804	25.494
40	12.379	33.861	25.629
45	11.970	33.906	25.742
50	11.594	33.939	25.839
60	10.983	33.961	25.968
70	10.567	33.947	26.032
80	10.320	33.931	26.063
90	10.174	33.925	26.084
100	10.128	33.937	26.100
120	10.169	33.994	26.138
140	9.949	34.032	26.205
160	9.776	34.084	26.274
180	9.527	34.107	26.334
200	9.187	34.098	26.382
225	8.770	34.080	26.434
250	8.372	34.060	26.480
275	7.946	34.033	26.522
300	7.528	33.998	26.556
325	7.122	33.971	26.591
350	6.651	33.947	26.637
375	6.260	33.929	26.673
400	5.812	33.909	26.714
425	5.465	33.905	26.753
450	5.223	33.907	26.783
475	5.025	33.920	26.816
500	4.873	33.941	26.850



Station: ctd48

Month	Day	Year	Time	Latitude	Longitude
7	21	91	657	42.2362 N	167.0032 W

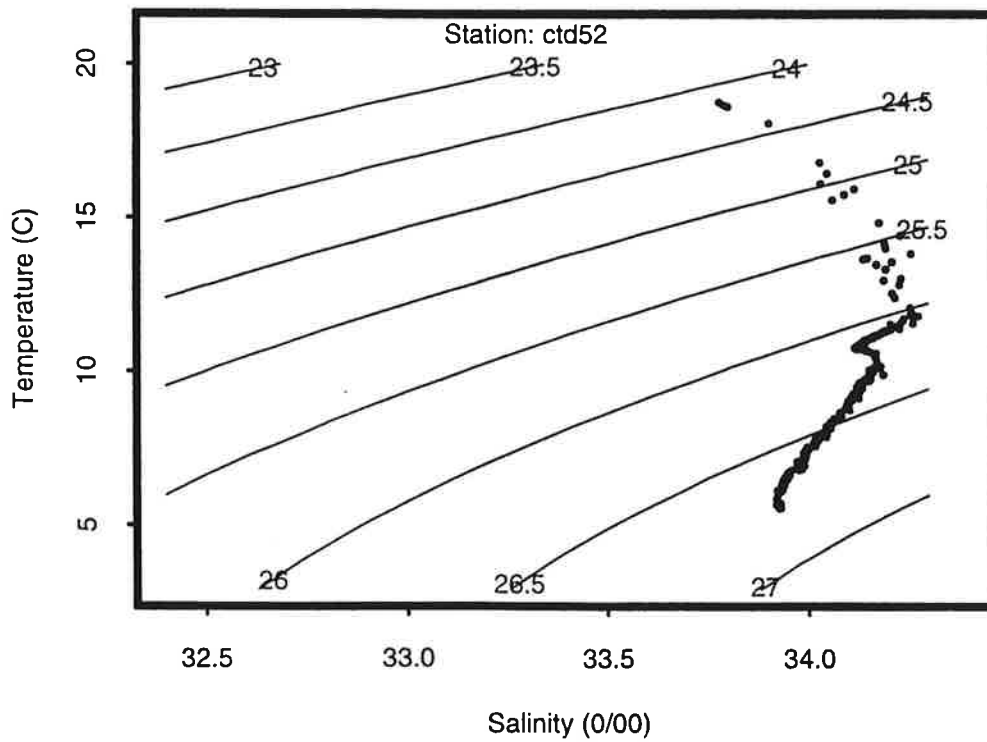
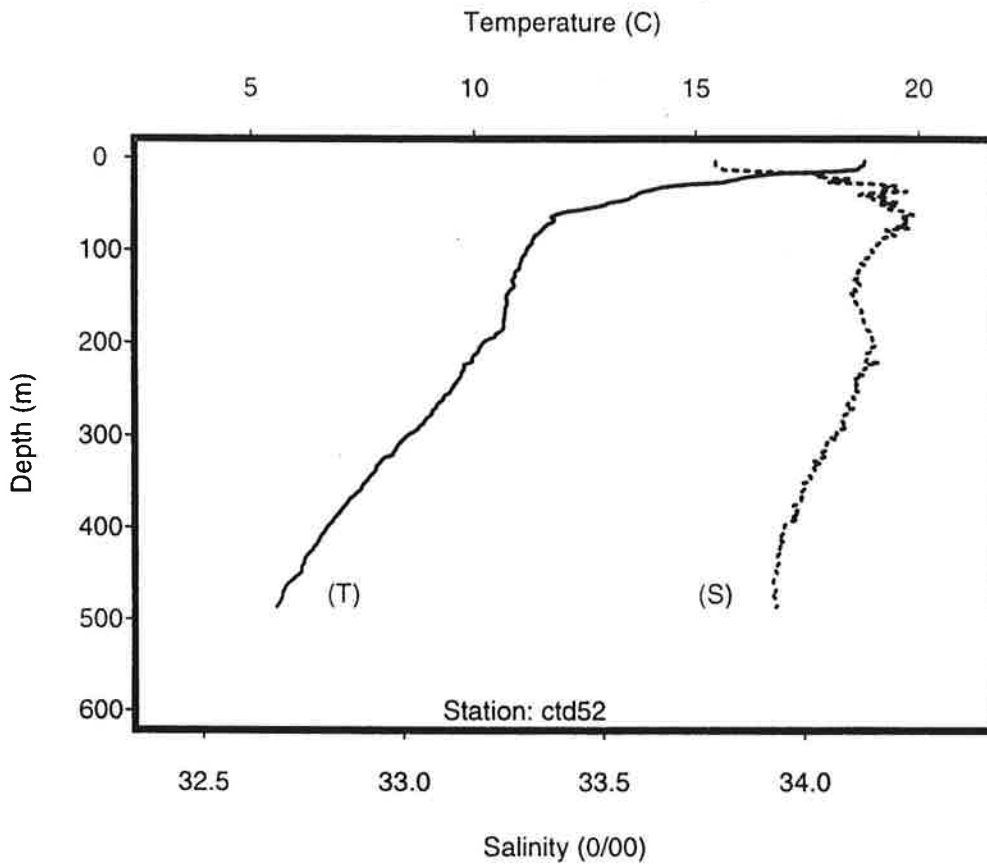
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	17.378	33.331	24.162
2	17.378	33.331	24.162
4	17.378	33.331	24.162
6	17.083	33.363	24.250
8	16.787	33.396	24.339
10	16.492	33.428	24.427
12	16.197	33.461	24.516
14	15.901	33.493	24.605
16	15.606	33.526	24.693
18	15.301	33.558	24.783
20	14.988	33.590	24.874
22	14.670	33.621	24.966
24	14.352	33.652	25.057
26	14.034	33.681	25.146
28	13.719	33.708	25.232
30	13.406	33.734	25.317
35	12.673	33.789	25.508
40	12.038	33.831	25.667
45	11.523	33.860	25.789
50	11.121	33.878	25.878
60	10.600	33.893	25.984
70	10.352	33.908	26.039
80	10.319	33.932	26.064
90	10.362	33.966	26.083
100	10.392	33.993	26.099
120	10.345	34.010	26.121
140	10.246	34.014	26.140
160	10.137	34.028	26.170
180	9.945	34.061	26.228
200	9.594	34.111	26.326
225	9.073	34.107	26.407
250	8.608	34.074	26.455
275	8.152	34.041	26.498
300	7.744	34.021	26.543
325	7.289	33.992	26.584
350	6.751	33.958	26.631
375	6.333	33.934	26.668
400	5.901	33.915	26.707
425	5.537	33.904	26.743
450	5.293	33.904	26.773
475	5.107	33.928	26.813
500	4.933	33.950	26.850



Station: ctd52

Month	Day	Year	Time	Latitude	Longitude
7	21	91	2106	40.3857 N	167.0047 W

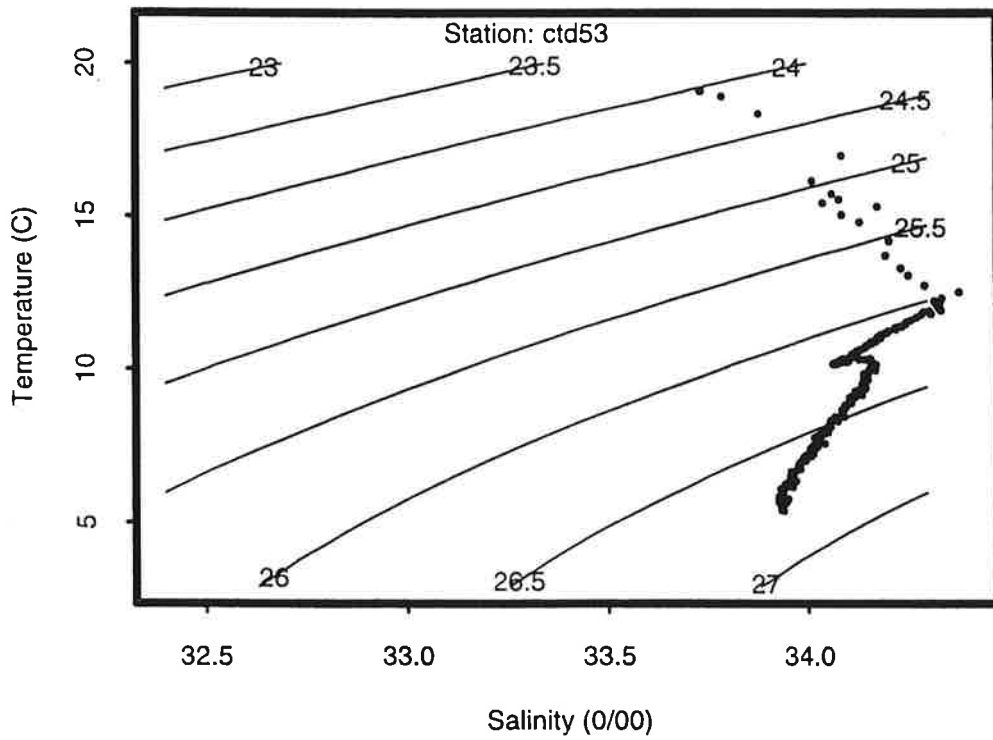
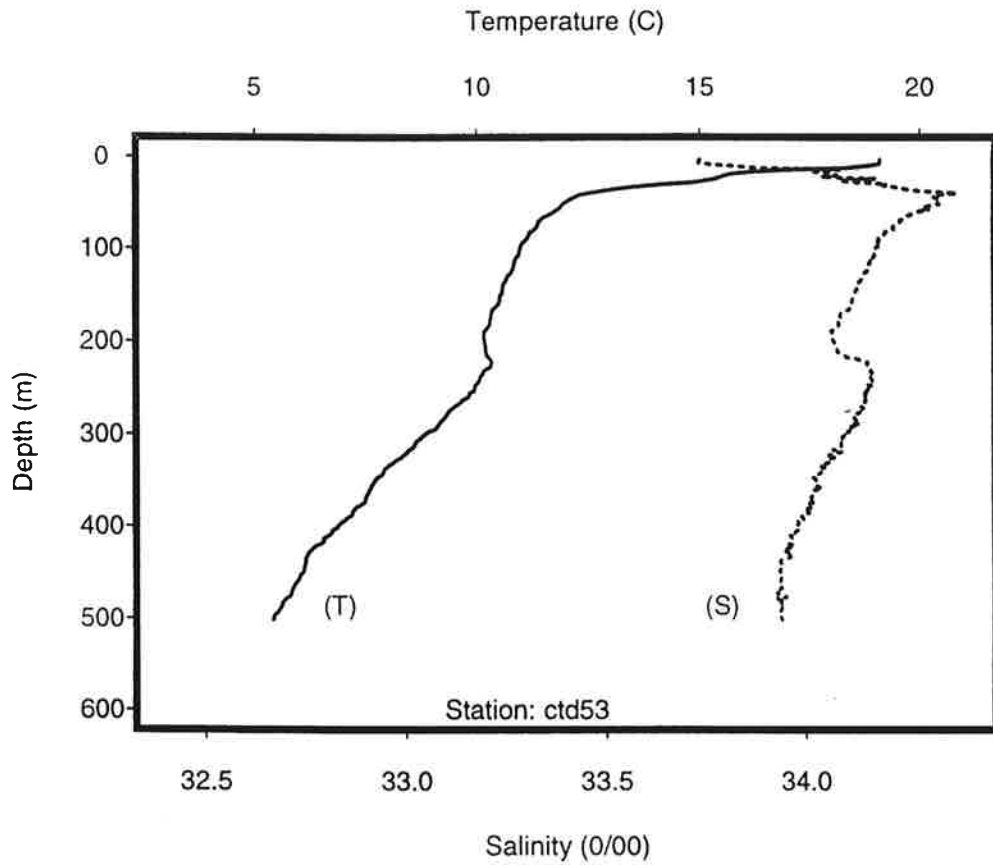
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	19.350	33.743	23.990
2	19.350	33.743	23.990
4	19.350	33.743	23.990
6	18.989	33.777	24.100
8	18.628	33.811	24.210
10	18.266	33.845	24.321
12	17.905	33.879	24.431
14	17.544	33.913	24.541
16	17.183	33.947	24.652
18	16.830	33.978	24.758
20	16.488	34.008	24.860
22	16.157	34.035	24.957
24	15.837	34.061	25.050
26	15.528	34.084	25.138
28	15.231	34.106	25.221
30	14.949	34.125	25.298
35	14.308	34.161	25.467
40	13.764	34.184	25.601
45	13.311	34.201	25.708
50	12.904	34.214	25.801
60	12.242	34.233	25.945
70	11.785	34.236	26.036
80	11.506	34.221	26.077
90	11.333	34.197	26.090
100	11.197	34.175	26.098
120	10.990	34.144	26.111
140	10.829	34.132	26.130
160	10.716	34.136	26.153
180	10.599	34.153	26.188
200	10.265	34.166	26.256
225	9.831	34.153	26.319
250	9.464	34.128	26.360
275	9.028	34.107	26.414
300	8.531	34.076	26.468
325	8.017	34.040	26.517
350	7.571	34.009	26.558
375	7.120	33.985	26.603
400	6.705	33.957	26.637
425	6.349	33.938	26.669
450	6.027	33.928	26.702
475	5.687	33.926	26.743



Station: ctd53

Month	Day	Year	Time	Latitude	Longitude
7	22	91	659	40.3947 N	168.493 W

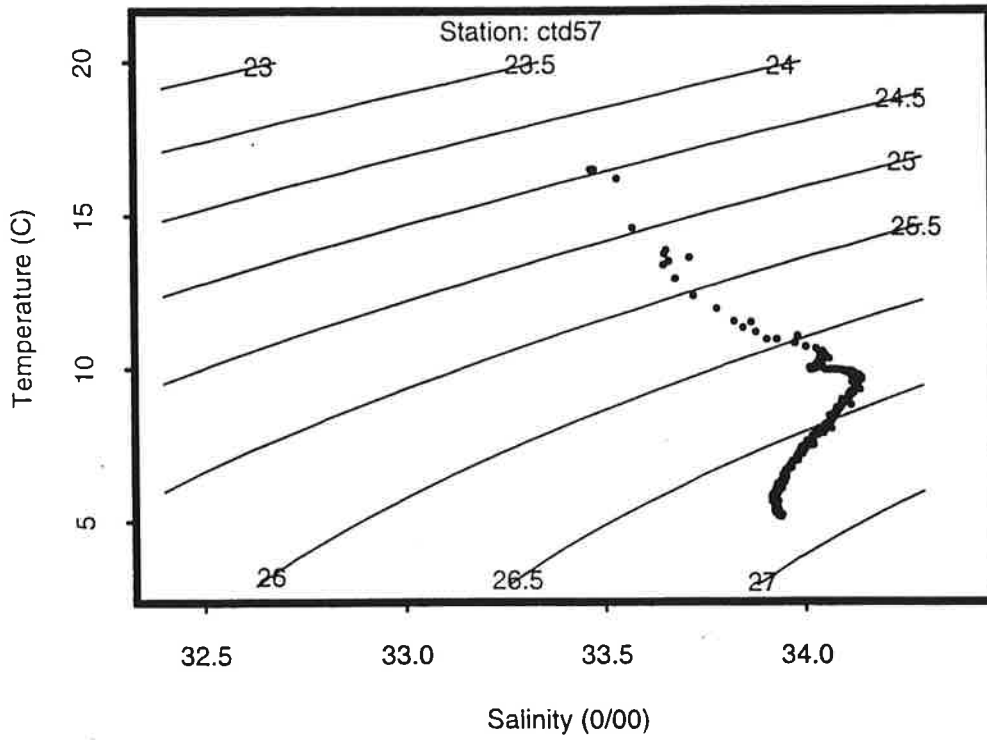
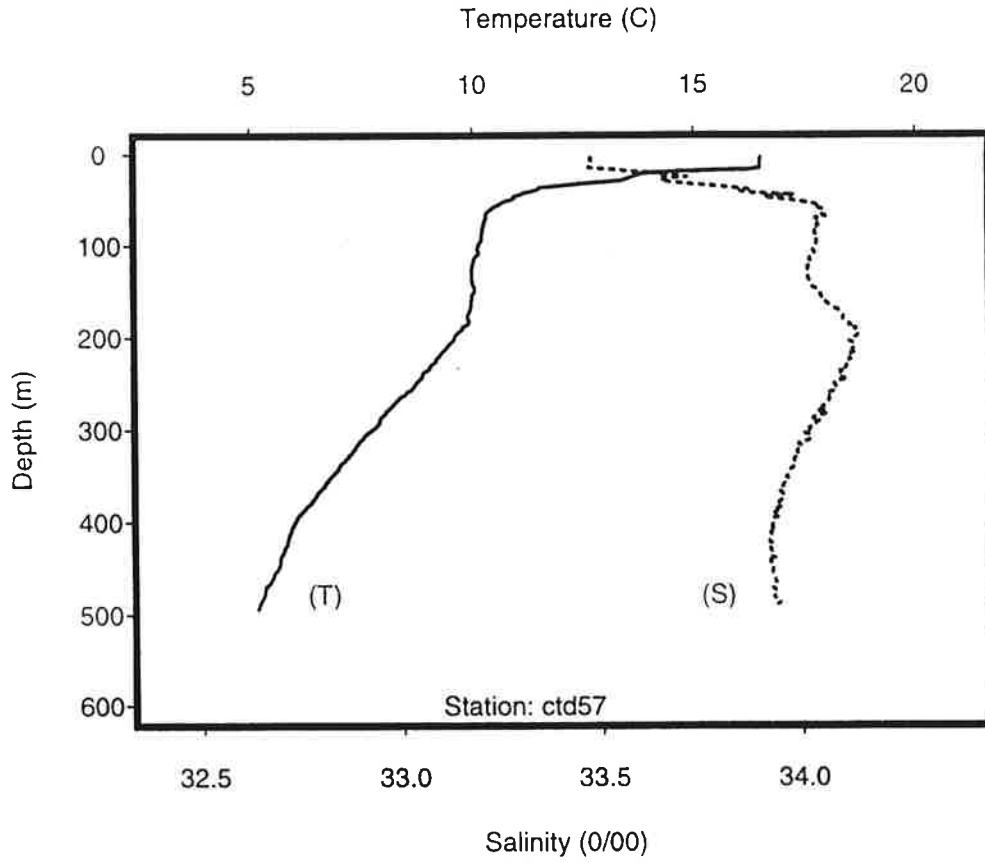
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	19.456	33.735	23.957
2	19.456	33.735	23.957
4	19.456	33.735	23.957
6	19.033	33.772	24.084
8	18.610	33.809	24.211
10	18.187	33.847	24.337
12	17.765	33.884	24.464
14	17.342	33.921	24.591
16	16.919	33.958	24.718
18	16.508	33.994	24.840
20	16.109	34.028	24.957
22	15.723	34.061	25.070
24	15.351	34.092	25.178
26	14.991	34.121	25.280
28	14.647	34.149	25.378
30	14.318	34.174	25.469
35	13.578	34.228	25.669
40	12.990	34.267	25.821
45	12.541	34.289	25.929
50	12.190	34.298	26.006
60	11.758	34.283	26.078
70	11.496	34.248	26.100
80	11.295	34.217	26.113
90	11.139	34.195	26.124
100	11.017	34.180	26.134
120	10.827	34.158	26.152
140	10.637	34.134	26.166
160	10.466	34.111	26.178
180	10.293	34.086	26.188
200	10.207	34.078	26.197
225	10.227	34.137	26.240
250	9.940	34.158	26.305
275	9.427	34.137	26.374
300	8.871	34.104	26.437
325	8.287	34.066	26.497
350	7.751	34.031	26.549
375	7.371	34.011	26.589
400	6.865	33.980	26.633
425	6.344	33.954	26.682
450	6.043	33.936	26.706
475	5.755	33.934	26.740
500	5.406	33.934	26.783



Station: ctd57

Month	Day	Year	Time	Latitude	Longitude
7	22	91	2207	42.2953 N	168.4182 W

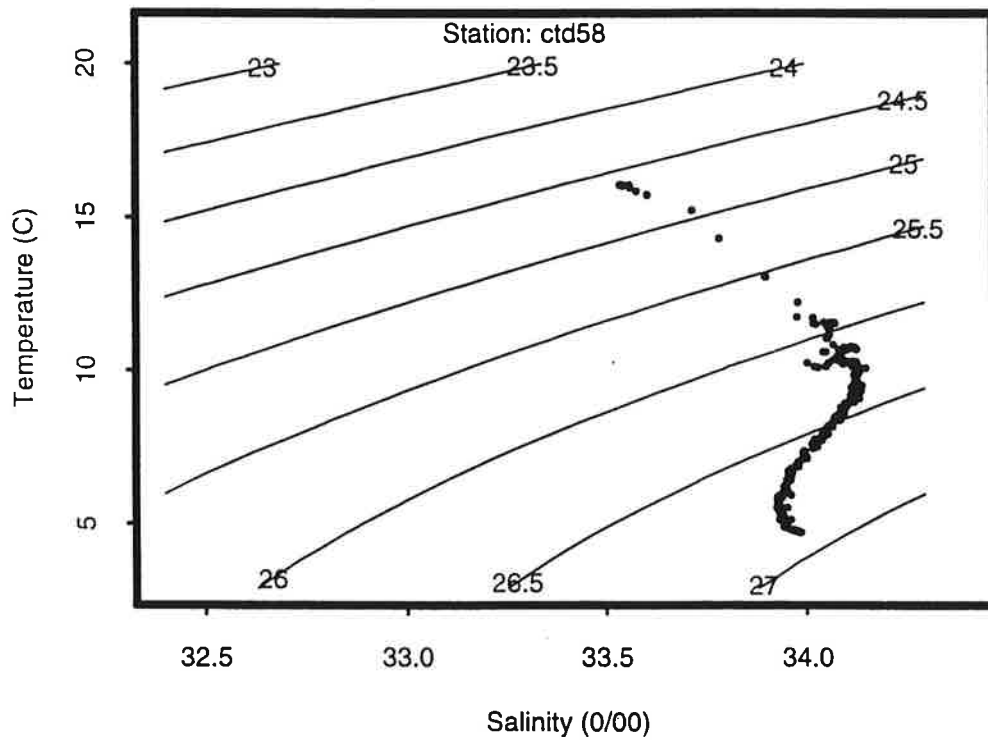
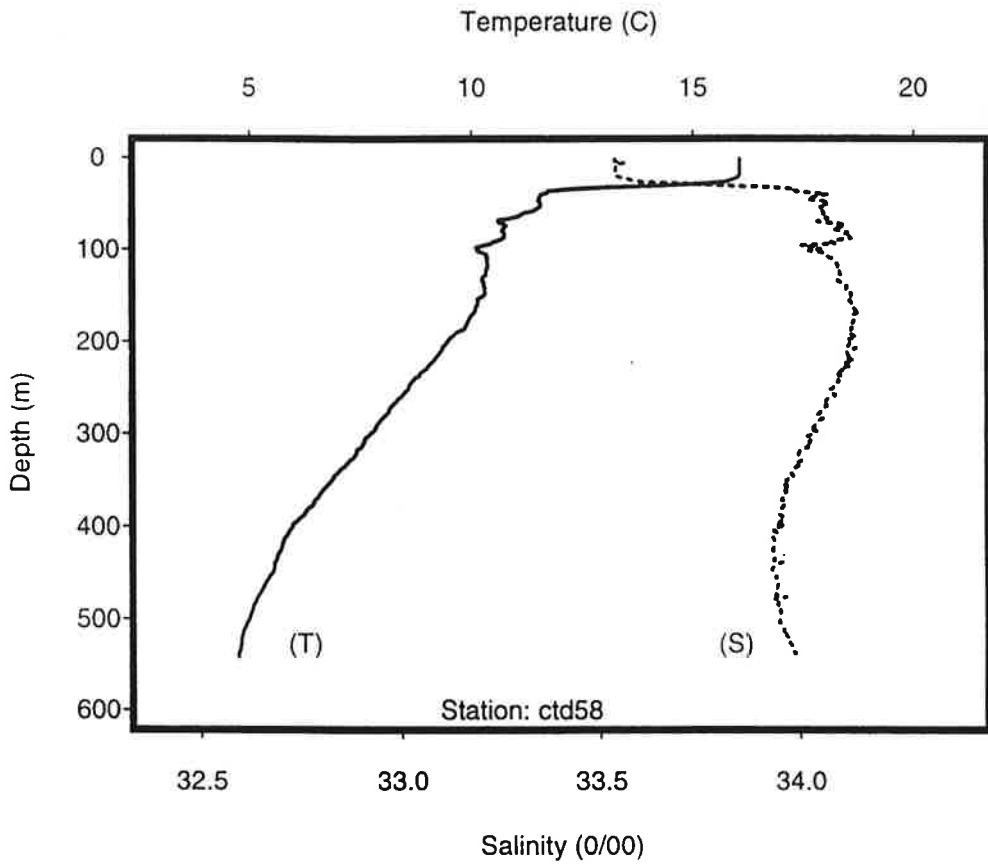
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	17.246	33.429	24.268
2	17.246	33.429	24.268
4	17.246	33.429	24.268
6	16.910	33.451	24.357
8	16.573	33.473	24.446
10	16.237	33.495	24.535
12	15.901	33.517	24.624
14	15.565	33.540	24.713
16	15.229	33.562	24.802
18	14.882	33.585	24.894
20	14.541	33.609	24.984
22	14.208	33.633	25.073
24	13.885	33.657	25.158
26	13.570	33.680	25.242
28	13.265	33.704	25.323
30	12.969	33.729	25.402
35	12.276	33.794	25.590
40	11.700	33.855	25.751
45	11.274	33.909	25.873
50	10.946	33.956	25.970
60	10.538	34.019	26.094
70	10.344	34.041	26.145
80	10.250	34.042	26.162
90	10.198	34.038	26.168
100	10.144	34.034	26.173
120	10.030	34.022	26.184
140	9.997	34.030	26.195
160	9.967	34.064	26.227
180	9.853	34.108	26.281
200	9.588	34.130	26.342
225	9.159	34.116	26.401
250	8.698	34.087	26.451
275	8.167	34.056	26.508
300	7.705	34.024	26.550
325	7.251	33.992	26.590
350	6.828	33.967	26.628
375	6.403	33.947	26.669
400	6.013	33.930	26.705
425	5.779	33.922	26.729
450	5.569	33.925	26.755
475	5.322	33.931	26.791



Station: ctd58

Month Day Year Time Latitude Longitude
 7 23 91 731 42.3027 N 169.378 W

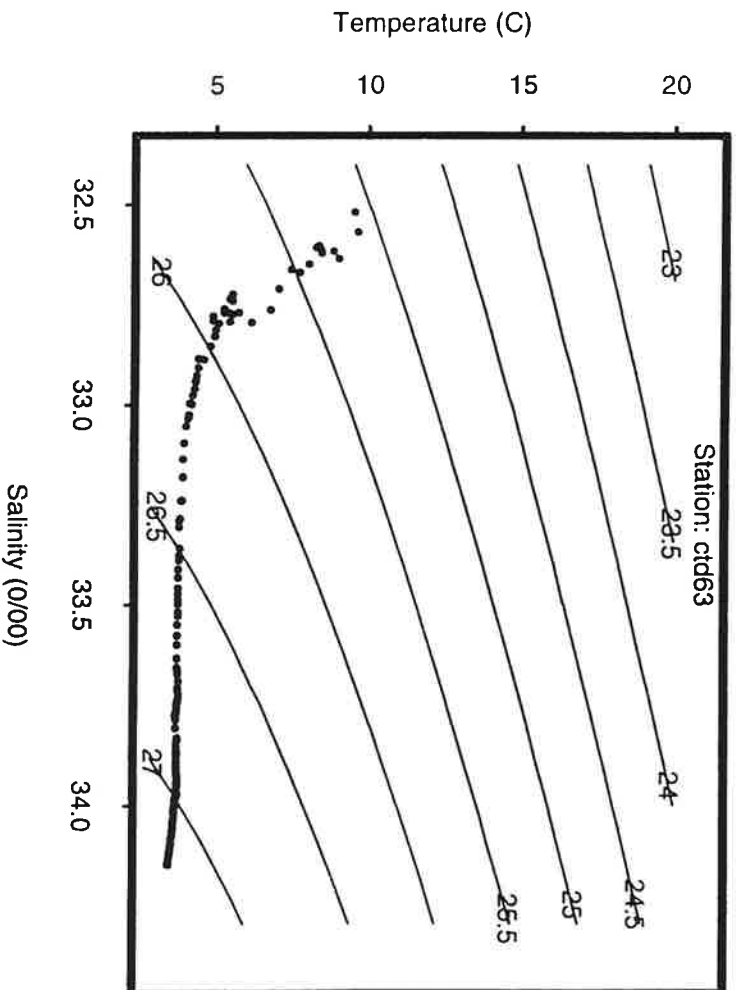
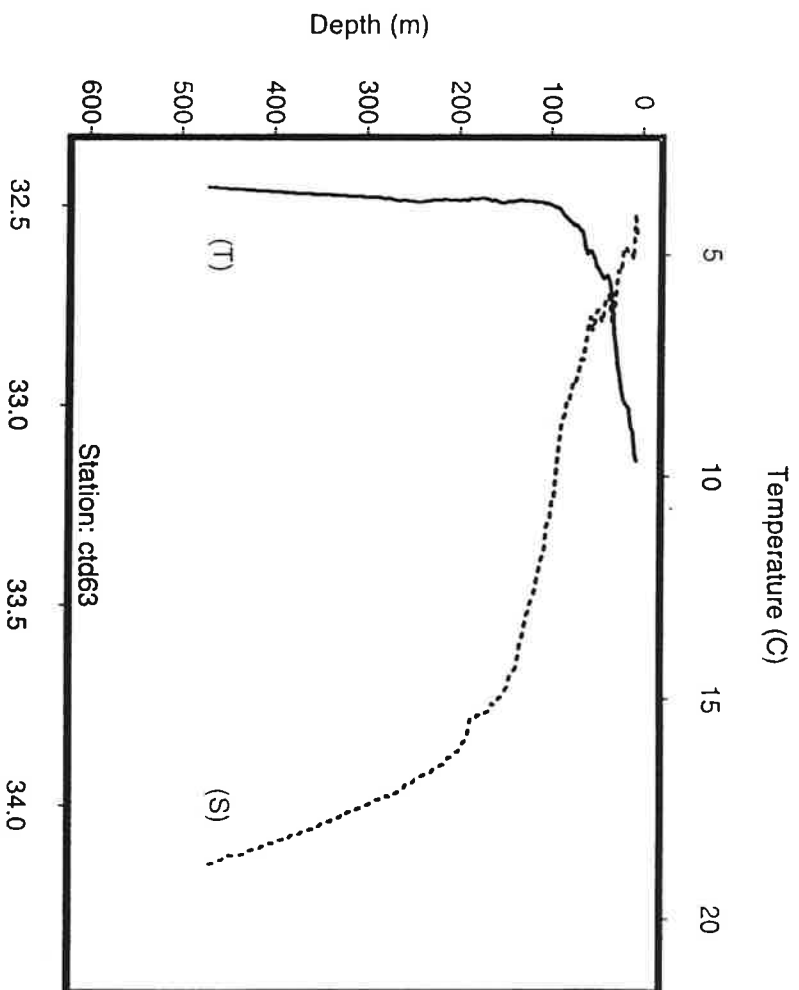
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	16.666	33.466	24.427
2	16.666	33.466	24.427
4	16.497	33.486	24.478
6	16.328	33.507	24.530
8	16.159	33.528	24.582
10	15.990	33.549	24.633
12	15.820	33.569	24.685
14	15.651	33.590	24.737
16	15.482	33.611	24.788
18	15.300	33.633	24.843
20	15.103	33.656	24.903
22	14.891	33.681	24.966
24	14.663	33.708	25.034
26	14.422	33.736	25.106
28	14.166	33.765	25.181
30	13.897	33.794	25.260
35	13.216	33.868	25.456
40	12.609	33.932	25.630
45	12.102	33.983	25.771
50	11.695	34.022	25.882
60	11.184	34.063	26.012
70	10.917	34.077	26.072
80	10.698	34.083	26.115
90	10.524	34.080	26.144
100	10.398	34.074	26.161
120	10.312	34.086	26.185
140	10.261	34.111	26.213
160	10.115	34.127	26.251
180	9.851	34.130	26.298
200	9.483	34.125	26.355
225	9.026	34.111	26.418
250	8.549	34.083	26.471
275	8.105	34.055	26.516
300	7.694	34.029	26.556
325	7.286	34.000	26.591
350	6.830	33.972	26.632
375	6.394	33.954	26.675
400	5.981	33.940	26.718
425	5.690	33.931	26.746
450	5.471	33.933	26.774
475	5.203	33.940	26.812
500	4.966	33.949	26.846
525	4.796	33.969	26.881



Station: ctd63

Month	Day	Year	Time	Latitude	Longitude
7	30	91	908	50.5897 N	178.8103 W

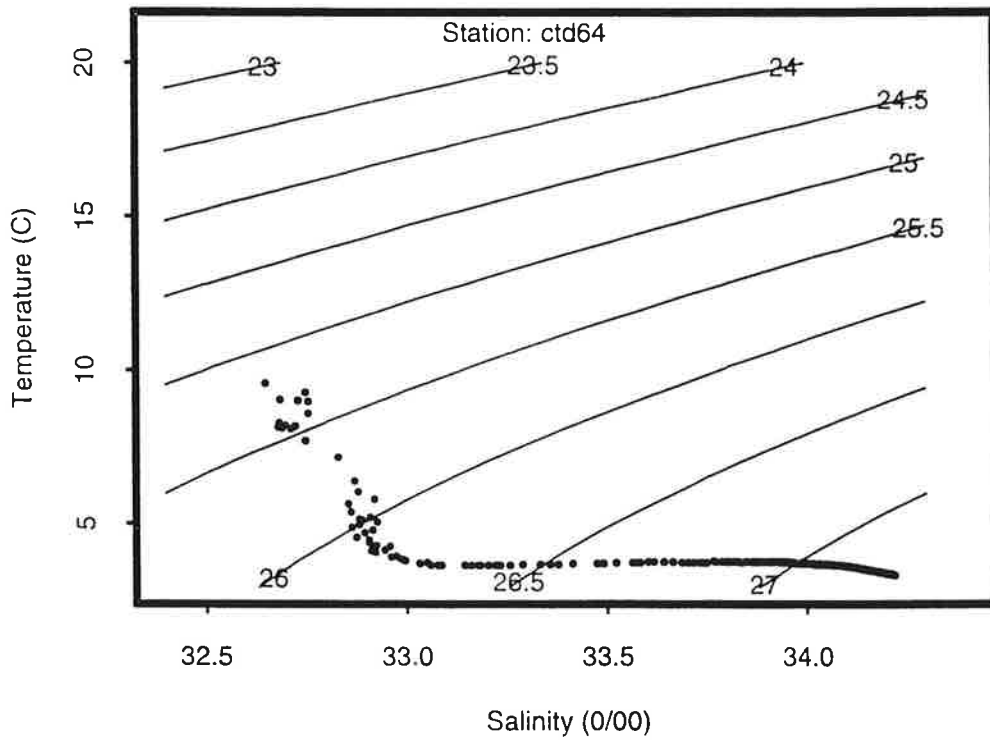
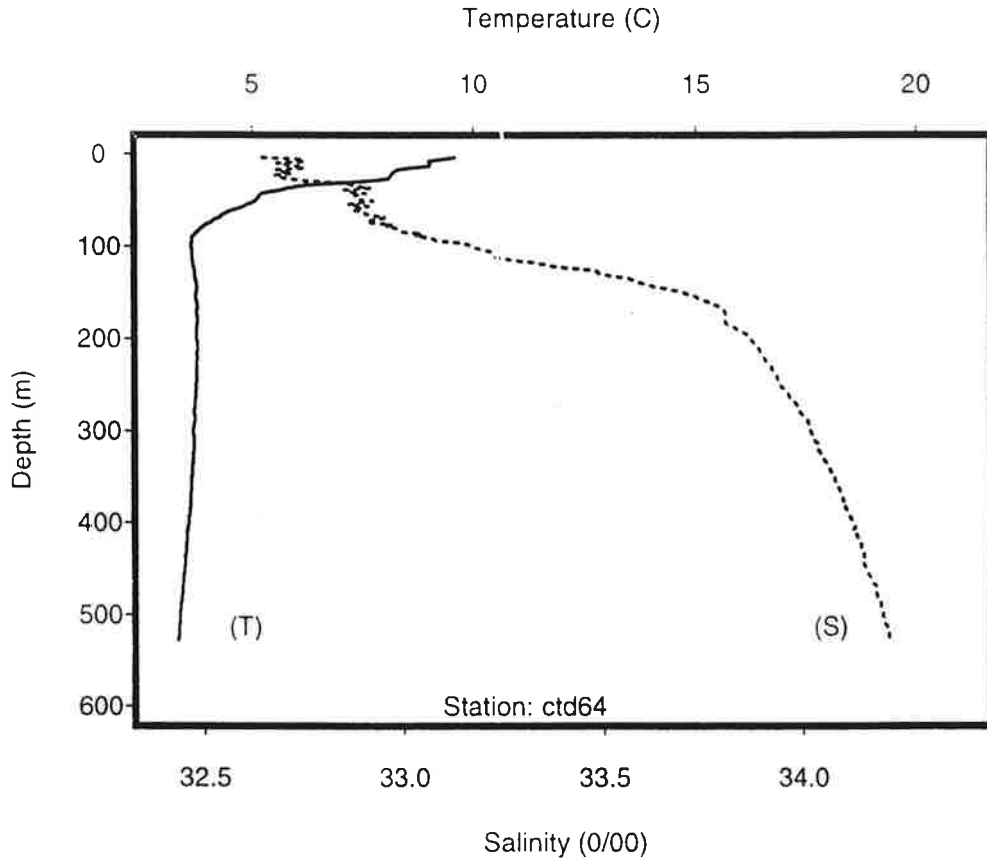
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	9.647	32.548	25.110
2	9.647	32.548	25.110
4	9.647	32.548	25.110
6	9.647	32.548	25.110
8	9.404	32.561	25.155
10	9.162	32.574	25.200
12	8.920	32.587	25.244
14	8.678	32.600	25.289
16	8.436	32.614	25.334
18	8.194	32.627	25.379
20	7.957	32.640	25.422
22	7.720	32.653	25.466
24	7.483	32.666	25.508
26	7.249	32.678	25.550
28	7.017	32.690	25.591
30	6.791	32.702	25.630
35	6.267	32.727	25.718
40	5.842	32.749	25.789
45	5.496	32.771	25.849
50	5.215	32.792	25.899
60	4.818	32.844	25.985
70	4.484	32.915	26.078
80	4.226	33.008	26.178
90	4.034	33.123	26.290
100	3.909	33.254	26.407
120	3.805	33.483	26.599
140	3.797	33.651	26.734
160	3.783	33.741	26.806
180	3.752	33.789	26.848
200	3.768	33.854	26.898
225	3.776	33.907	26.939
250	3.788	33.942	26.966
275	3.748	33.976	26.997
300	3.705	34.000	27.020
325	3.676	34.025	27.043
350	3.649	34.050	27.065
375	3.619	34.073	27.087
400	3.585	34.095	27.107
425	3.549	34.115	27.127
450	3.515	34.134	27.146



Station: ctd64

Month Day Year Time Latitude Longitude
 7 31 91 2107 49.646 N 179.1307 E

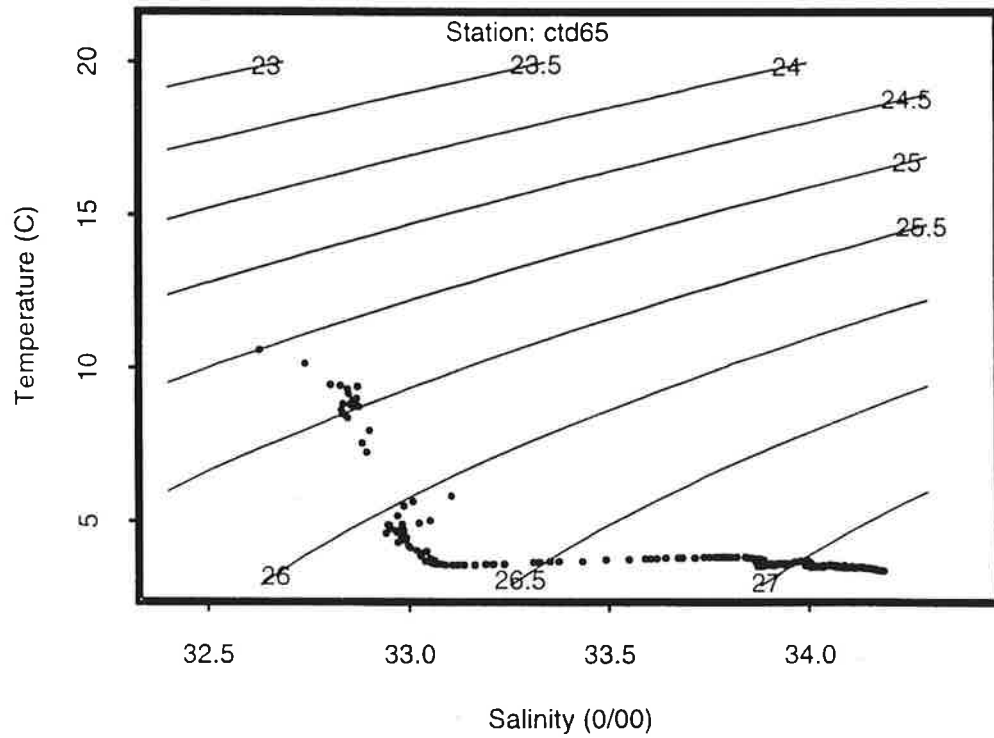
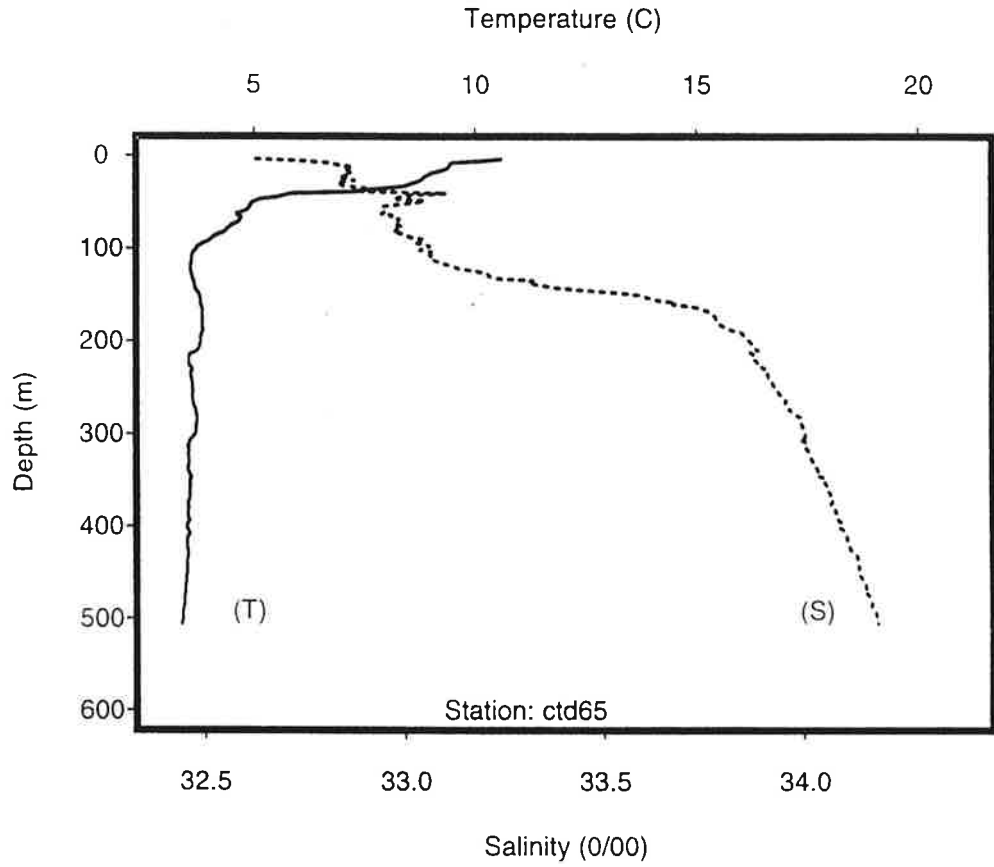
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	9.632	32.666	25.211
2	9.632	32.666	25.211
4	9.632	32.666	25.211
6	9.428	32.675	25.246
8	9.223	32.685	25.282
10	9.019	32.694	25.318
12	8.815	32.704	25.354
14	8.610	32.713	25.390
16	8.406	32.723	25.426
18	8.202	32.733	25.461
20	7.998	32.742	25.497
22	7.792	32.752	25.533
24	7.583	32.762	25.570
26	7.372	32.773	25.607
28	7.158	32.783	25.644
30	6.942	32.794	25.682
35	6.411	32.820	25.773
40	5.926	32.843	25.853
45	5.507	32.864	25.921
50	5.148	32.882	25.978
60	4.597	32.911	26.062
70	4.221	32.946	26.128
80	3.931	32.999	26.201
90	3.746	33.072	26.278
100	3.661	33.160	26.356
120	3.662	33.369	26.522
140	3.711	33.591	26.694
160	3.733	33.742	26.812
180	3.737	33.813	26.868
200	3.737	33.861	26.907
225	3.736	33.909	26.945
250	3.718	33.947	26.977
275	3.687	33.987	27.012
300	3.667	34.020	27.040
325	3.652	34.046	27.063
350	3.622	34.076	27.089
375	3.588	34.101	27.112
400	3.540	34.125	27.136
425	3.490	34.145	27.157
450	3.447	34.161	27.174
475	3.397	34.183	27.196
500	3.349	34.201	27.215
525	3.309	34.217	27.232



Station: ctd65

Month	Day	Year	Time	Latitude	Longitude
8	1	91	905	48.58 N	177.2652 E

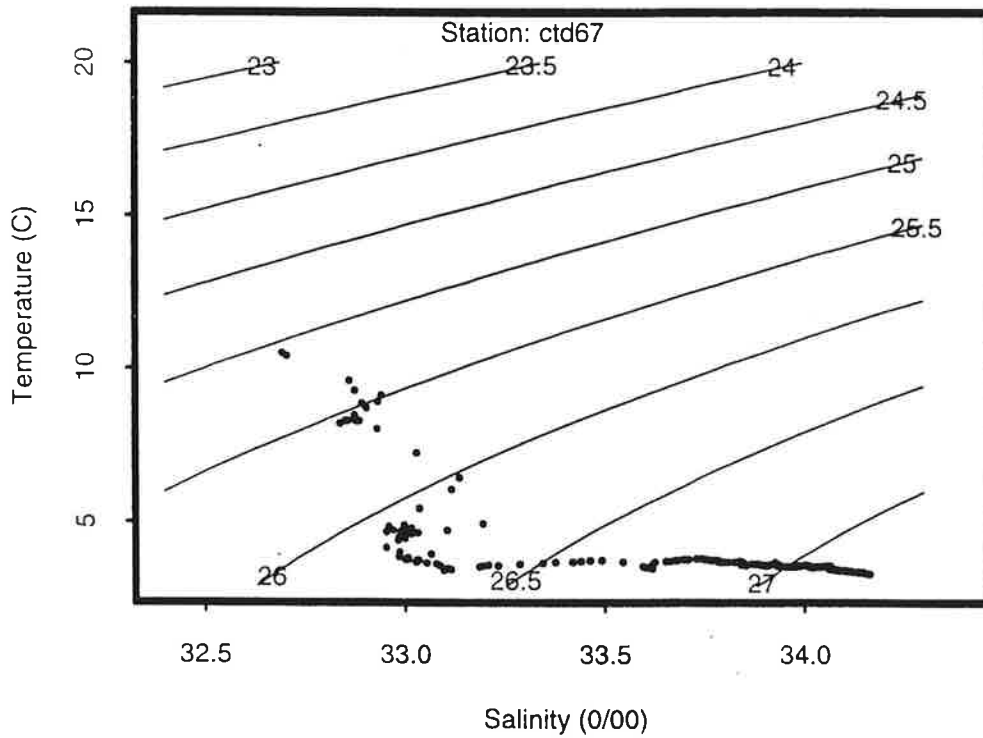
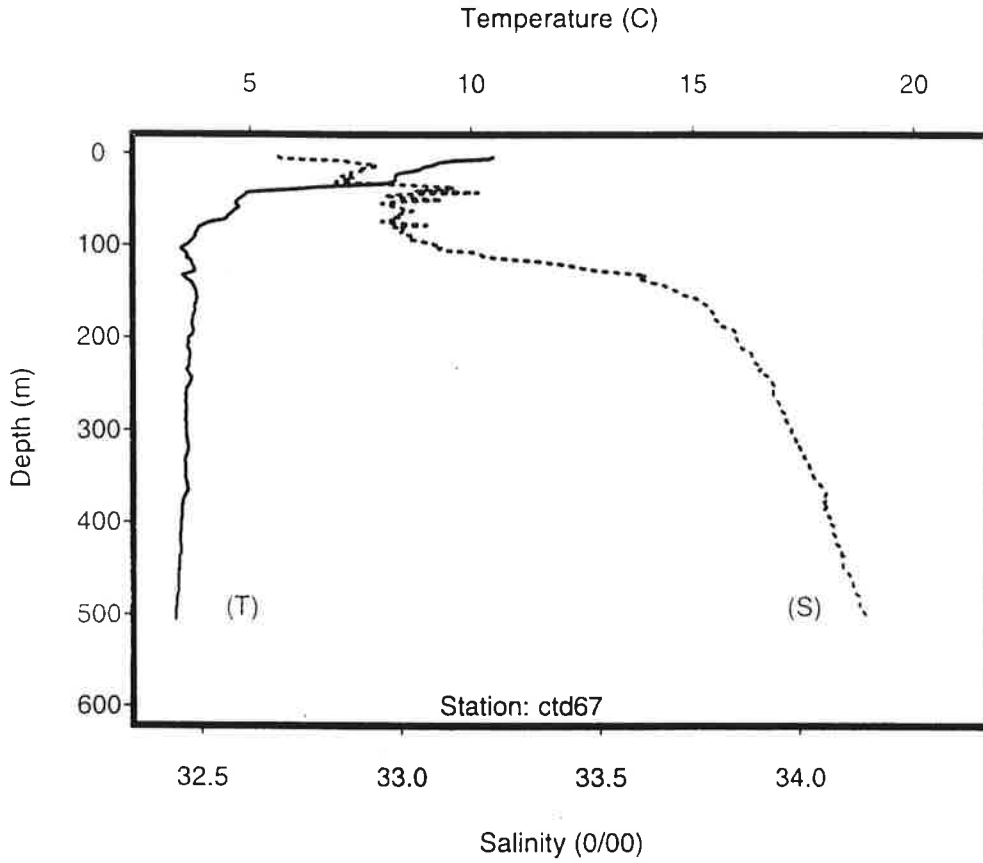
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	10.091	32.804	25.192
2	10.091	32.804	25.192
4	10.091	32.804	25.192
6	9.948	32.809	25.222
8	9.806	32.815	25.252
10	9.663	32.821	25.282
12	9.520	32.827	25.312
14	9.378	32.833	25.342
16	9.235	32.838	25.372
18	9.076	32.844	25.404
20	8.907	32.851	25.438
22	8.726	32.857	25.472
24	8.533	32.864	25.509
26	8.327	32.871	25.546
28	8.109	32.879	25.585
30	7.879	32.886	25.625
35	7.261	32.905	25.729
40	6.596	32.925	25.837
45	5.989	32.942	25.929
50	5.486	32.955	26.002
60	4.847	32.968	26.085
70	4.564	32.978	26.119
80	4.308	32.995	26.159
90	4.027	33.021	26.208
100	3.785	33.048	26.254
120	3.600	33.148	26.352
140	3.677	33.388	26.536
160	3.791	33.662	26.743
180	3.824	33.793	26.843
200	3.758	33.854	26.899
225	3.585	33.890	26.944
250	3.606	33.929	26.973
275	3.668	33.971	27.001
300	3.630	34.000	27.028
325	3.525	34.018	27.052
350	3.545	34.048	27.074
375	3.526	34.073	27.096
400	3.504	34.094	27.115
425	3.494	34.119	27.136
450	3.477	34.140	27.154
475	3.434	34.161	27.175
500	3.380	34.183	27.197



Station: ctd67

Month	Day	Year	Time	Latitude	Longitude
8	1	91	2148	47.4798 N	175.579 E

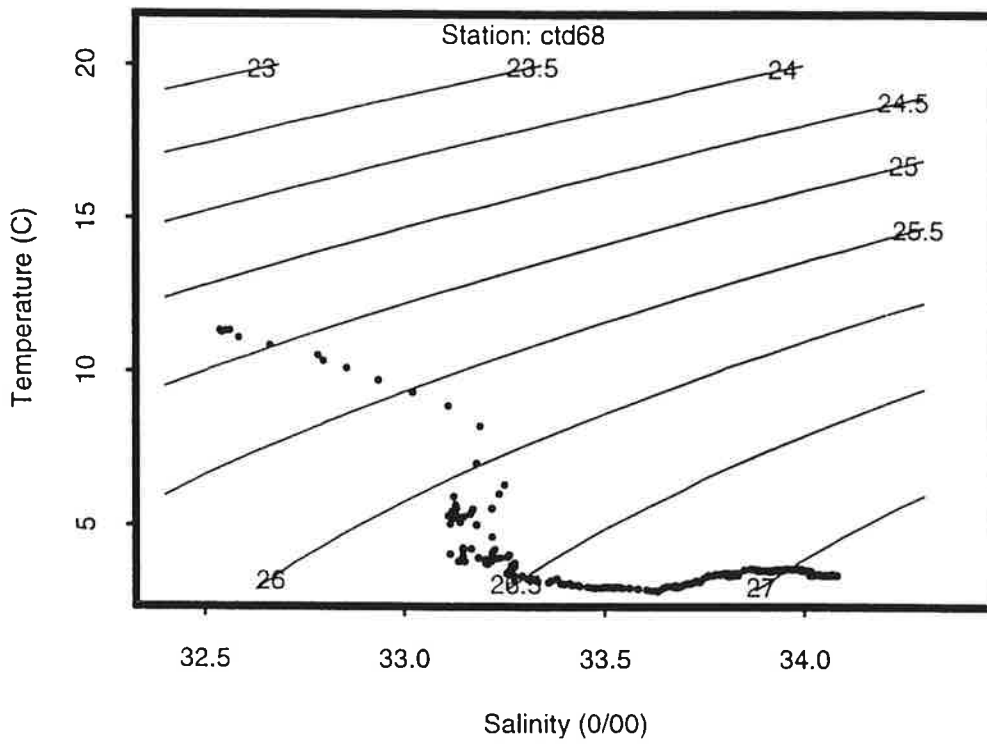
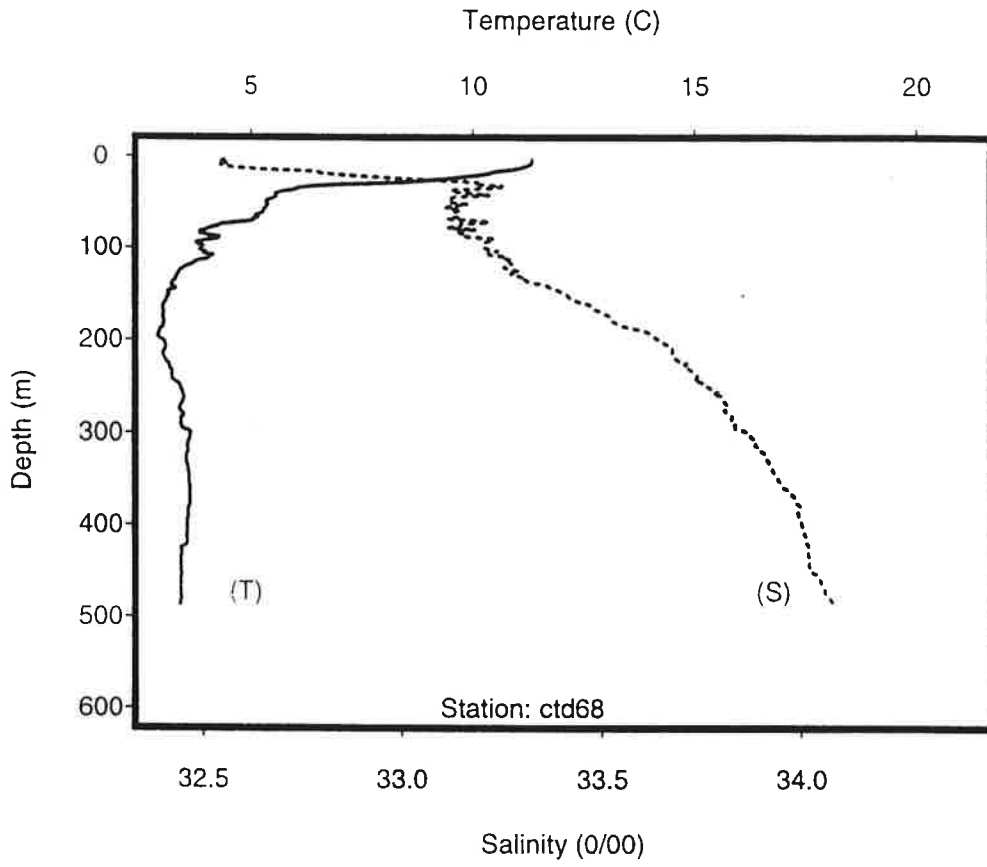
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	10.139	32.823	25.212
2	10.139	32.823	25.212
4	10.139	32.823	25.212
6	9.947	32.831	25.251
8	9.755	32.840	25.289
10	9.563	32.848	25.328
12	9.371	32.856	25.367
14	9.179	32.864	25.405
16	8.987	32.872	25.444
18	8.781	32.880	25.485
20	8.567	32.888	25.526
22	8.345	32.895	25.567
24	8.117	32.902	25.610
26	7.882	32.909	25.653
28	7.641	32.915	25.696
30	7.392	32.922	25.741
35	6.743	32.938	25.851
40	6.108	32.954	25.949
45	5.569	32.968	26.026
50	5.146	32.981	26.082
60	4.617	32.997	26.136
70	4.319	33.002	26.161
80	4.012	33.012	26.201
90	3.762	33.041	26.251
100	3.623	33.109	26.319
120	3.616	33.366	26.524
140	3.679	33.616	26.717
160	3.745	33.735	26.806
180	3.702	33.794	26.857
200	3.642	33.838	26.898
225	3.605	33.885	26.939
250	3.591	33.925	26.972
275	3.538	33.951	26.998
300	3.550	33.979	27.019
325	3.554	34.008	27.041
350	3.534	34.036	27.066
375	3.494	34.064	27.092
400	3.428	34.078	27.109
425	3.408	34.096	27.125
475	3.349	34.139	27.166
500	3.302	34.160	27.187



Station: ctd68

Month	Day	Year	Time	Latitude	Longitude
8	2	91	834	46.3823 N	174.5603 E

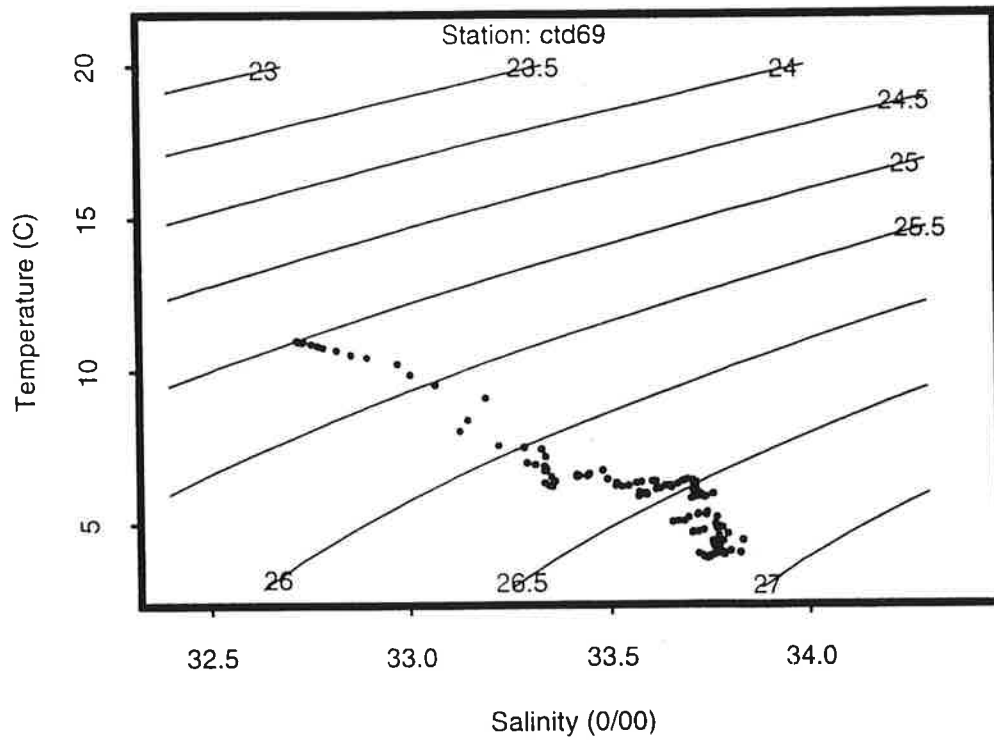
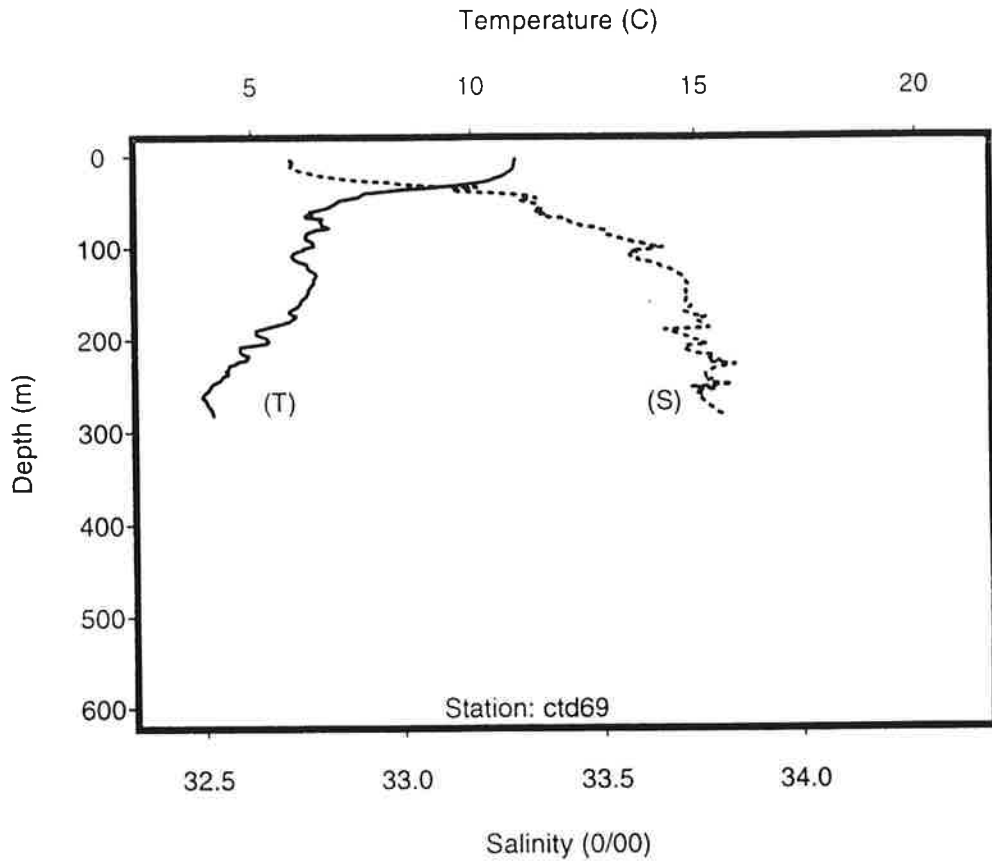
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	12.042	32.450	24.624
2	12.042	32.450	24.624
4	12.042	32.450	24.624
6	11.723	32.503	24.715
8	11.404	32.556	24.807
10	11.085	32.609	24.899
12	10.766	32.661	24.991
14	10.447	32.714	25.083
16	10.127	32.767	25.174
18	9.801	32.817	25.265
20	9.464	32.866	25.355
22	9.120	32.911	25.443
24	8.769	32.953	25.529
26	8.414	32.991	25.612
28	8.057	33.025	25.692
30	7.703	33.054	25.767
35	6.904	33.108	25.924
40	6.265	33.137	26.037
45	5.808	33.146	26.106
50	5.494	33.146	26.148
60	5.110	33.142	26.189
70	4.709	33.150	26.239
80	4.277	33.165	26.297
90	4.023	33.189	26.343
100	3.900	33.216	26.377
120	3.580	33.270	26.451
140	3.207	33.350	26.550
160	3.036	33.451	26.646
180	2.963	33.542	26.724
200	2.965	33.634	26.798
225	3.092	33.701	26.840
250	3.321	33.764	26.869
275	3.402	33.813	26.901
300	3.501	33.858	26.927
325	3.530	33.906	26.963
350	3.564	33.941	26.987
375	3.573	33.981	27.018
400	3.531	34.001	27.038
425	3.447	34.015	27.057
450	3.387	34.030	27.075
475	3.381	34.063	27.102



Station: ctd69

Month	Day	Year	Time	Latitude	Longitude
8	3	91	837	45.075 N	171.9265 E

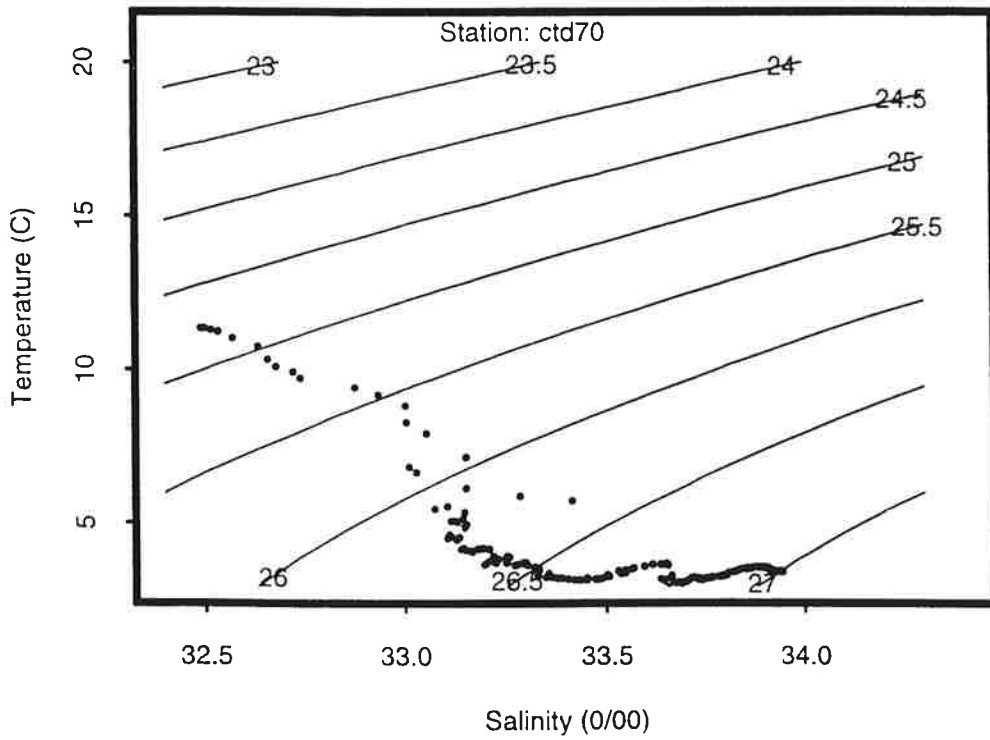
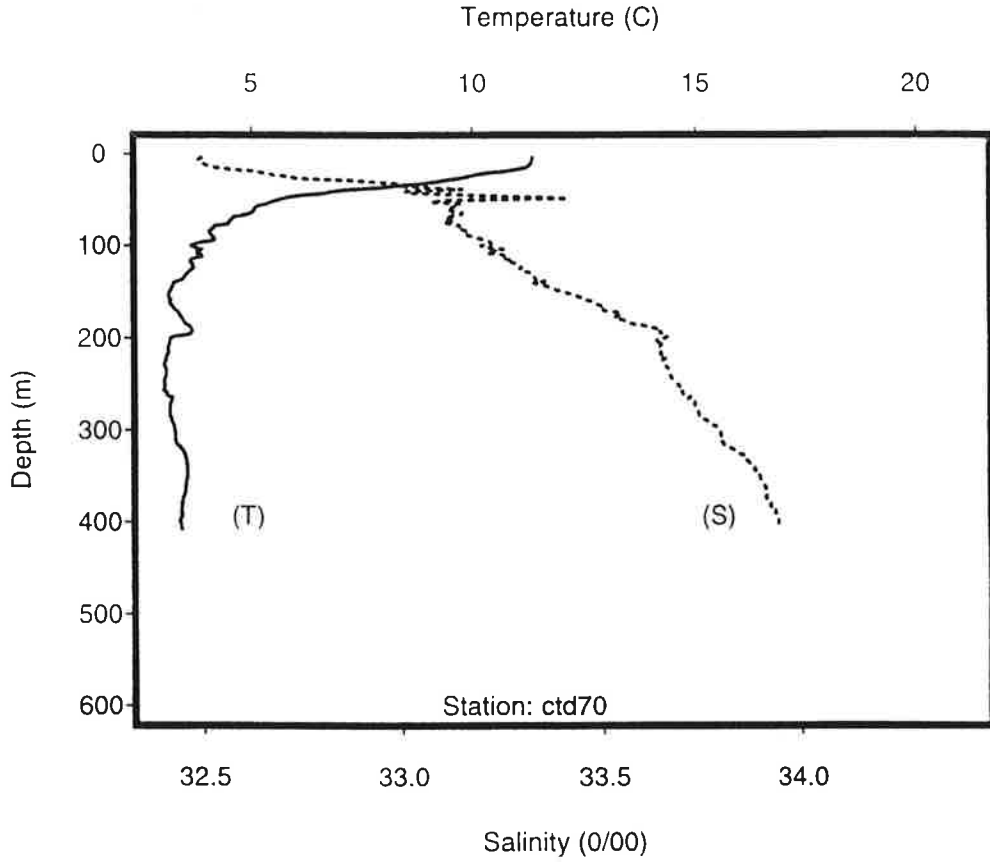
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	11.015	32.716	24.995
2	11.015	32.716	24.995
4	11.015	32.716	24.995
6	10.992	32.722	25.004
8	10.969	32.728	25.013
10	10.946	32.734	25.021
12	10.916	32.742	25.033
14	10.877	32.754	25.049
16	10.826	32.769	25.070
18	10.757	32.789	25.097
20	10.665	32.815	25.133
22	10.545	32.847	25.178
24	10.384	32.884	25.235
26	10.181	32.925	25.299
28	9.930	32.968	25.374
30	9.637	33.013	25.456
35	8.794	33.126	25.677
40	7.971	33.217	25.874
45	7.382	33.284	26.013
50	6.984	33.320	26.097
60	6.515	33.354	26.187
70	6.490	33.413	26.236
80	6.453	33.486	26.299
90	6.305	33.552	26.370
100	6.187	33.597	26.420
120	6.211	33.638	26.450
140	6.345	33.706	26.487
160	6.064	33.710	26.525
180	5.679	33.722	26.582
200	5.164	33.715	26.638
225	4.651	33.776	26.744
250	4.081	33.763	26.792
275	4.031	33.775	26.809



Station: ctd70

Month	Day	Year	Time	Latitude	Longitude
. 8	3	91	1315	44.665 N	171.9945 E

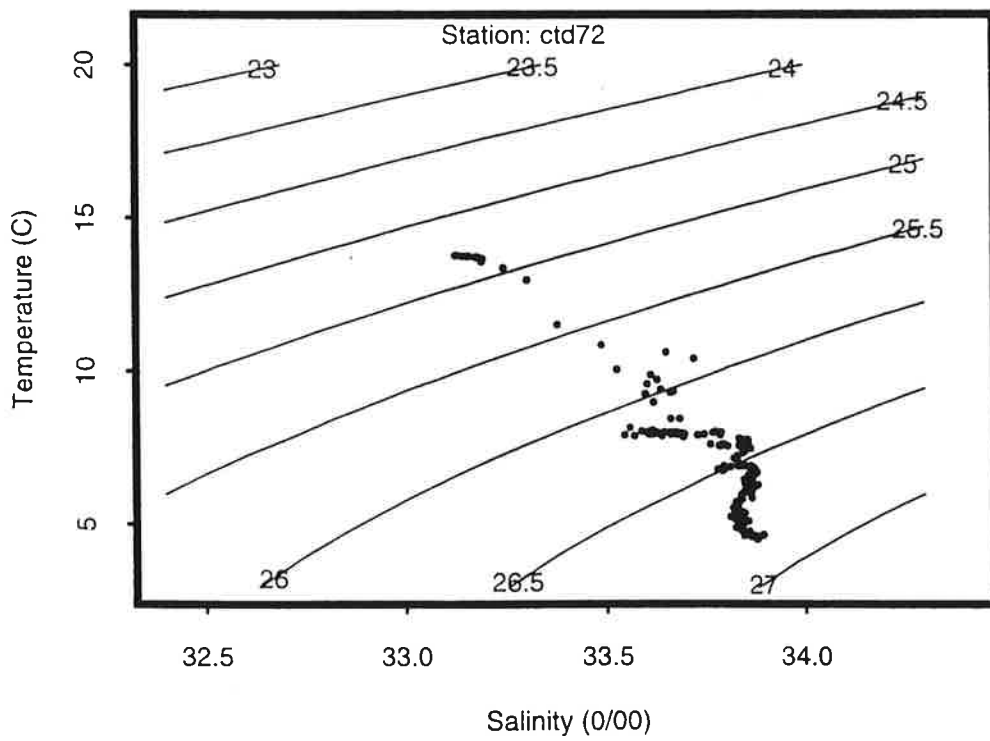
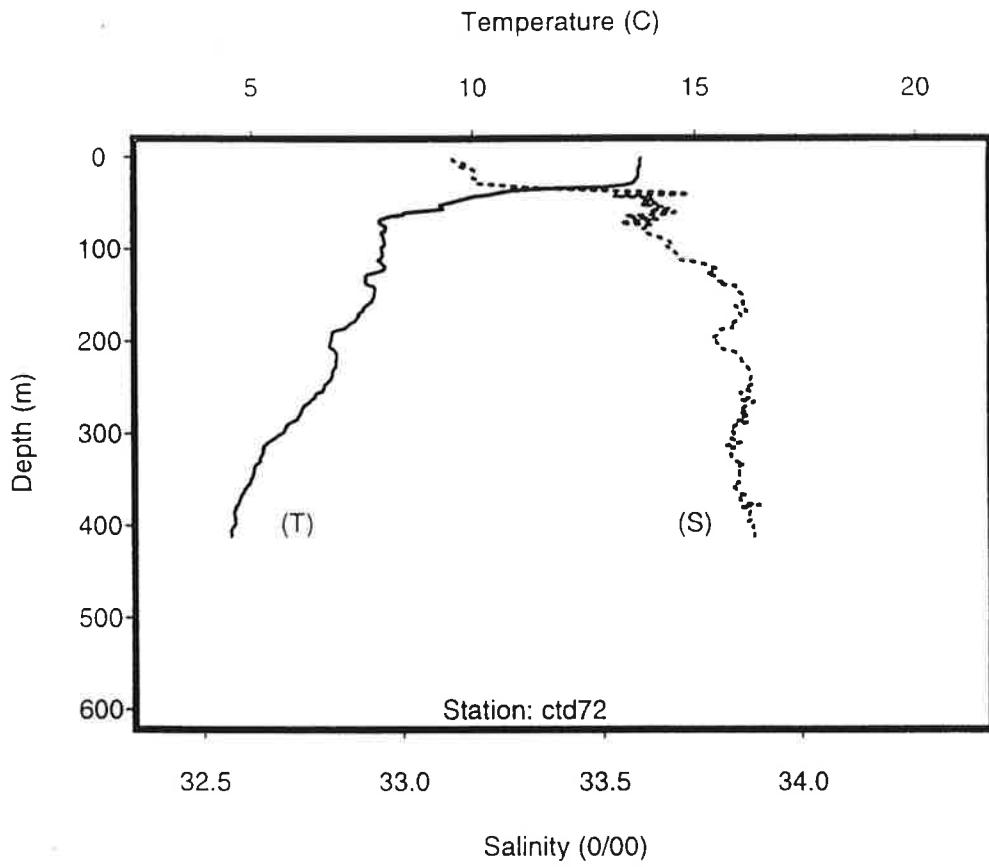
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	11.706	32.434	24.656
2	11.706	32.434	24.656
4	11.706	32.434	24.656
6	11.535	32.464	24.708
8	11.363	32.493	24.761
10	11.192	32.523	24.813
12	11.021	32.553	24.866
14	10.849	32.583	24.918
16	10.660	32.615	24.975
18	10.453	32.650	25.037
20	10.226	32.686	25.102
22	9.983	32.723	25.170
24	9.722	32.761	25.242
26	9.440	32.802	25.319
28	9.139	32.847	25.400
30	8.822	32.891	25.483
35	7.986	32.987	25.682
40	7.161	33.062	25.859
45	6.439	33.117	26.001
50	5.848	33.142	26.098
60	5.086	33.141	26.191
70	4.616	33.132	26.236
80	4.271	33.151	26.287
90	4.033	33.182	26.337
100	3.861	33.216	26.381
120	3.654	33.283	26.454
140	3.324	33.356	26.543
160	3.196	33.463	26.640
180	3.432	33.562	26.698
200	3.313	33.639	26.770
225	3.061	33.654	26.806
250	3.049	33.684	26.831
275	3.147	33.730	26.859
300	3.235	33.782	26.892
325	3.423	33.835	26.916
350	3.513	33.890	26.951
375	3.441	33.915	26.978
400	3.389	33.939	27.002



Station: ctd72

Month	Day	Year	Time	Latitude	Longitude
8	5	91	819	43.6642 N	173.9973 E

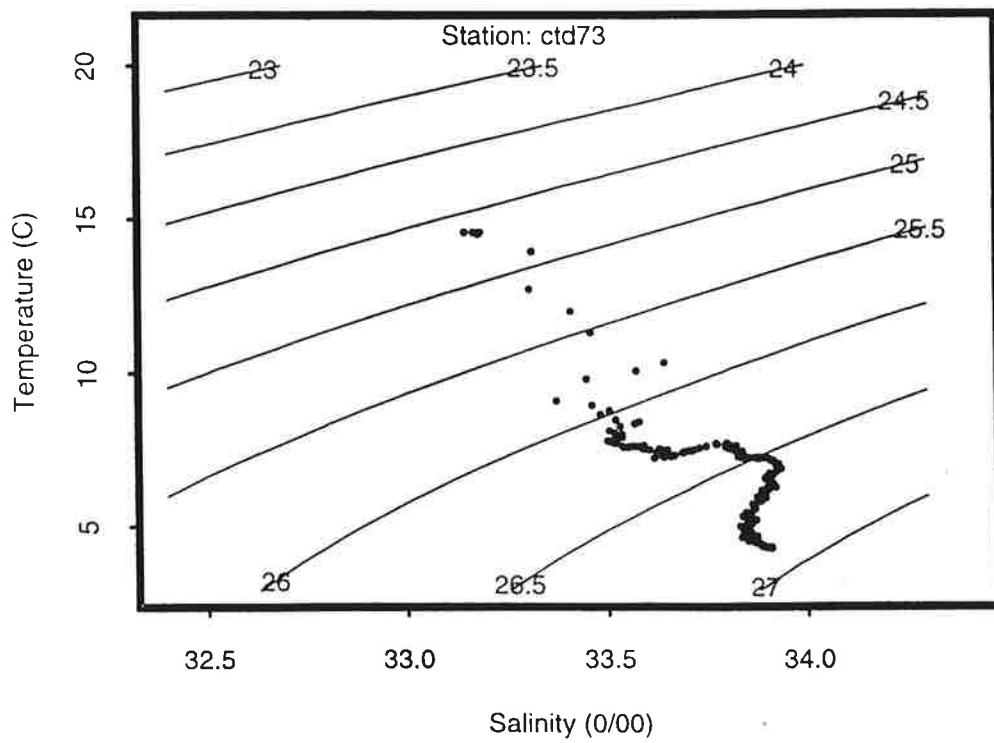
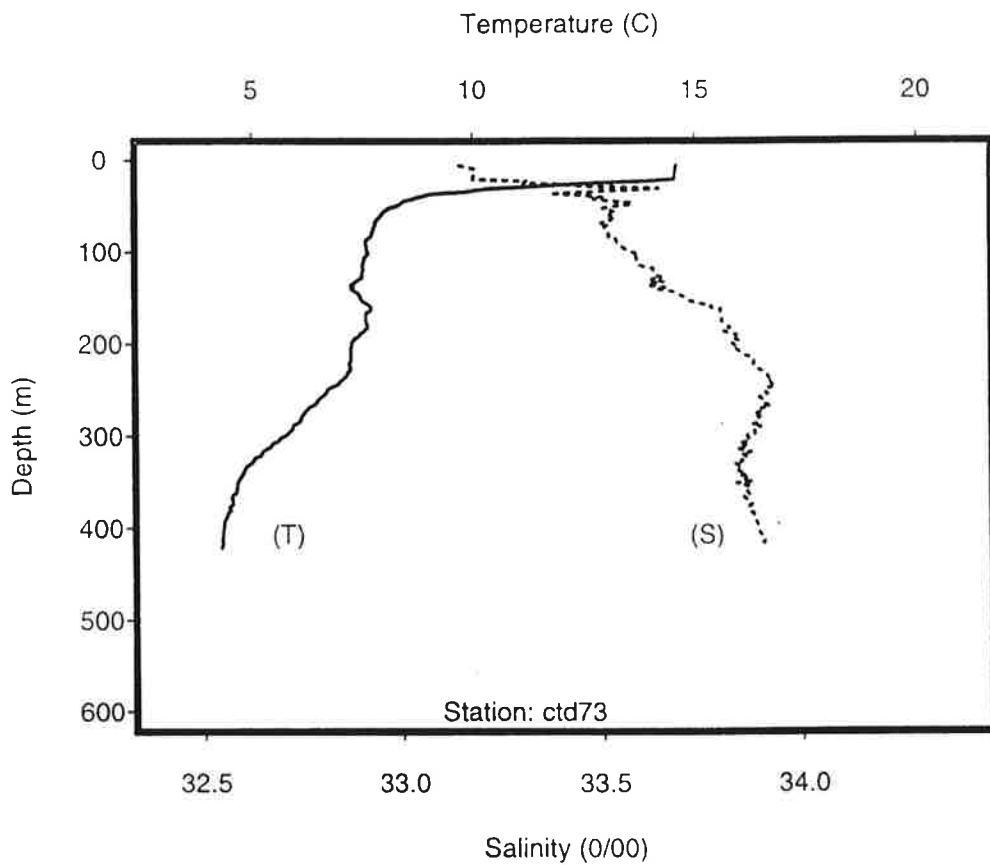
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.782	33.133	24.791
2	13.782	33.133	24.791
4	13.768	33.139	24.798
6	13.753	33.145	24.806
8	13.739	33.151	24.813
10	13.725	33.158	24.821
12	13.710	33.164	24.829
14	13.676	33.171	24.841
16	13.618	33.181	24.860
18	13.535	33.194	24.886
20	13.426	33.211	24.920
22	13.287	33.230	24.962
24	13.117	33.253	25.011
26	12.916	33.278	25.069
28	12.682	33.306	25.135
30	12.415	33.338	25.210
35	11.636	33.425	25.422
40	10.857	33.509	25.629
45	10.152	33.569	25.801
50	9.548	33.608	25.936
60	8.701	33.621	26.083
70	8.175	33.610	26.156
80	7.988	33.618	26.190
90	7.971	33.645	26.214
100	7.954	33.675	26.240
120	7.851	33.751	26.315
140	7.704	33.816	26.388
160	7.594	33.847	26.428
180	7.186	33.824	26.467
200	6.832	33.797	26.494
225	6.860	33.852	26.534
250	6.595	33.864	26.578
275	6.112	33.854	26.633
300	5.608	33.830	26.676
325	5.181	33.828	26.725
350	4.956	33.837	26.759
375	4.688	33.853	26.801
400	4.553	33.872	26.830



Station: ctd73

Month	Day	Year	Time	Latitude	Longitude
8	5	91	1129	44.0093 N	173.9965 E

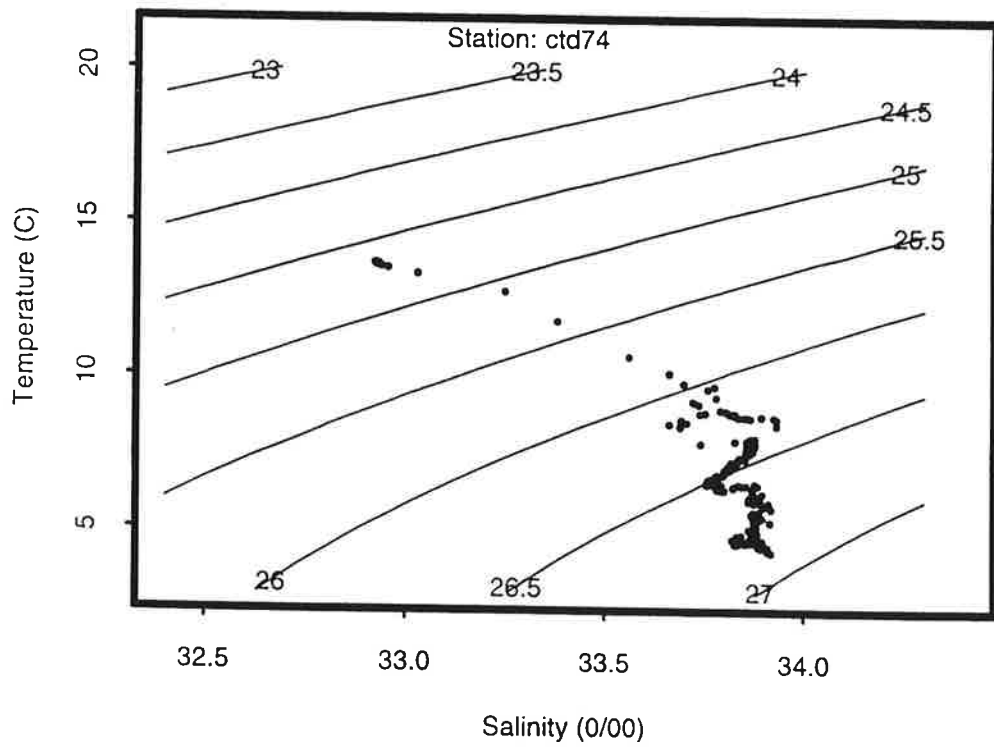
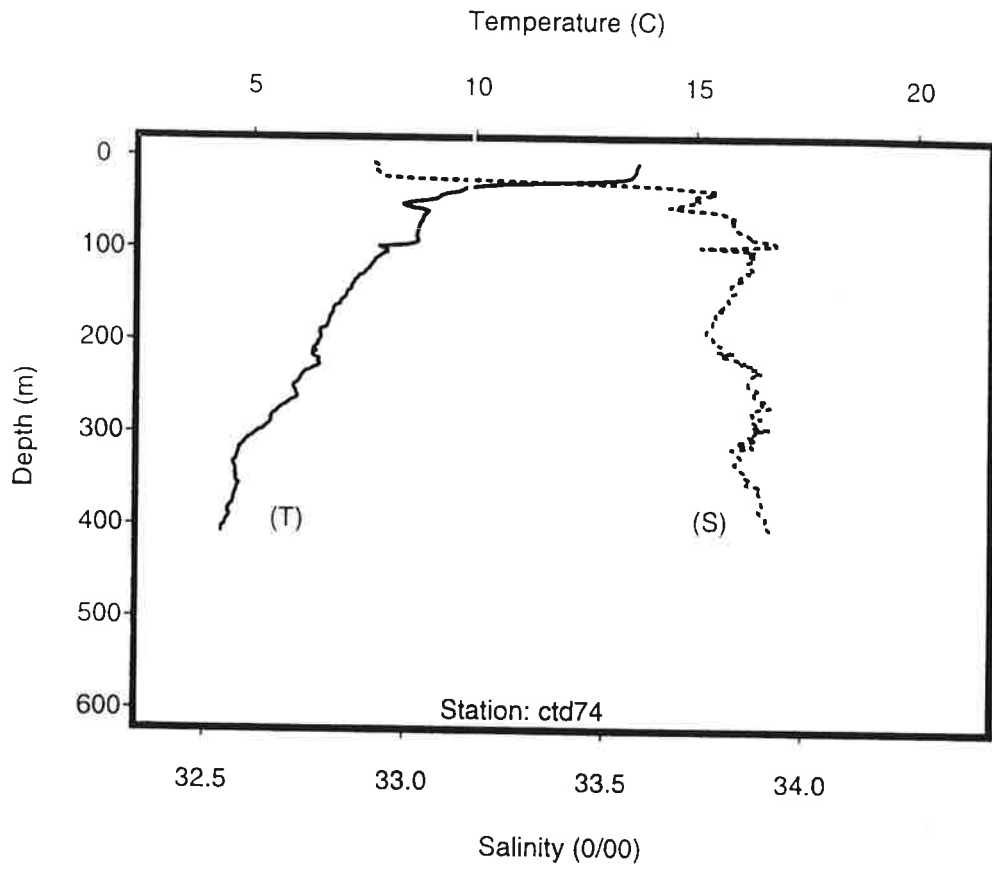
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.326	33.108	24.458
2	15.326	33.108	24.458
4	15.326	33.108	24.458
6	15.326	33.108	24.458
8	15.035	33.134	24.536
10	14.743	33.160	24.613
12	14.451	33.186	24.690
14	14.160	33.212	24.767
16	13.868	33.238	24.844
18	13.547	33.263	24.925
20	13.197	33.289	25.012
22	12.817	33.315	25.105
24	12.410	33.341	25.202
26	11.986	33.368	25.302
28	11.549	33.394	25.403
30	11.114	33.418	25.501
35	10.110	33.460	25.713
40	9.284	33.493	25.883
45	8.715	33.512	25.994
50	8.355	33.519	26.057
60	7.986	33.523	26.116
70	7.811	33.517	26.137
80	7.708	33.523	26.157
90	7.633	33.543	26.183
100	7.586	33.569	26.210
120	7.485	33.617	26.262
140	7.387	33.666	26.314
160	7.582	33.762	26.362
180	7.542	33.810	26.406
200	7.302	33.835	26.460
225	7.183	33.889	26.518
250	6.748	33.912	26.596
275	6.189	33.896	26.657
300	5.691	33.871	26.699
325	5.078	33.849	26.754
350	4.689	33.854	26.802
375	4.503	33.868	26.833



Station: ctd74

Month	Day	Year	Time	Latitude	Longitude
8	5	91	1506	44.3478 N	174.0163 E

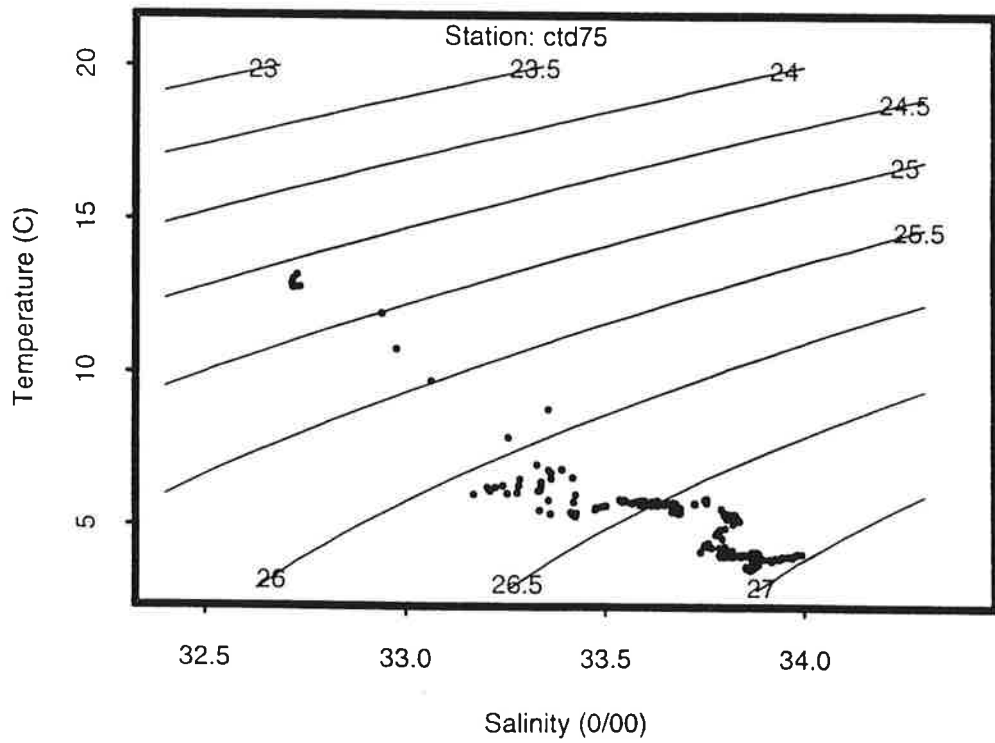
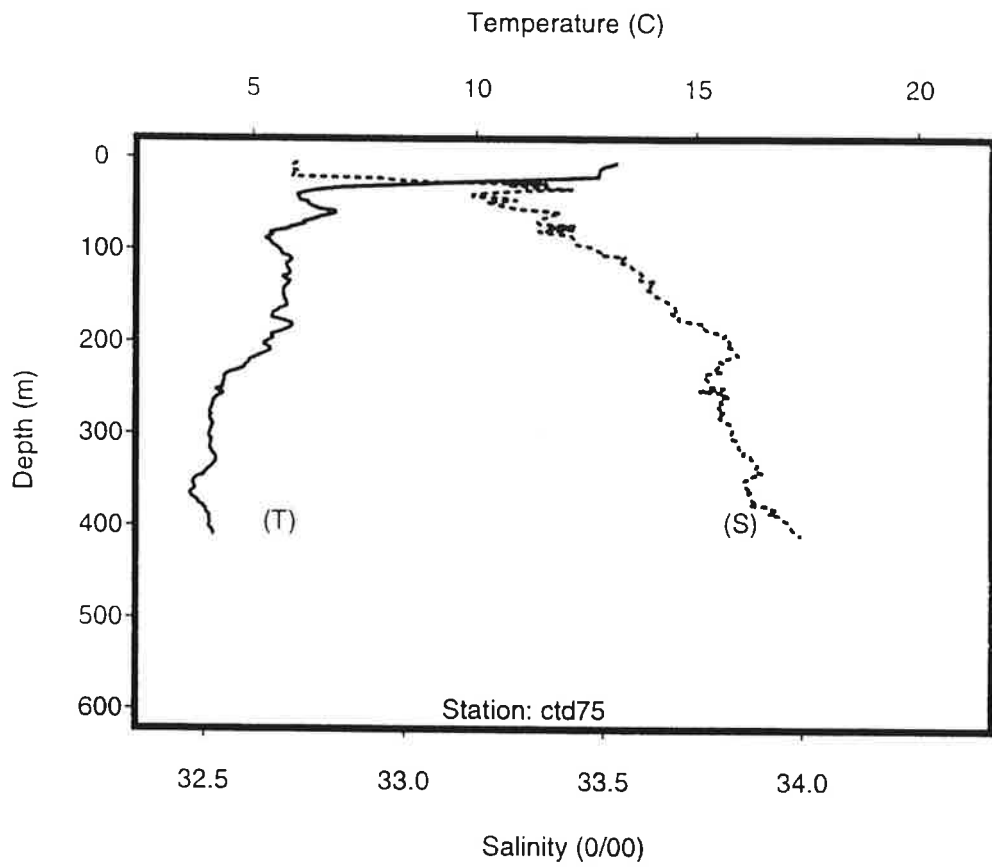
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.204	32.794	24.450
2	14.204	32.794	24.450
4	14.204	32.794	24.450
6	14.204	32.794	24.450
8	14.204	32.794	24.450
10	13.977	32.846	24.533
12	13.749	32.897	24.616
14	13.522	32.949	24.699
16	13.294	33.001	24.782
18	13.067	33.053	24.866
20	12.821	33.107	24.954
22	12.551	33.165	25.050
24	12.257	33.227	25.152
26	11.941	33.290	25.260
28	11.603	33.355	25.372
30	11.251	33.419	25.485
35	10.419	33.556	25.741
40	9.724	33.653	25.939
45	9.227	33.709	26.068
50	8.926	33.734	26.137
60	8.762	33.767	26.190
70	8.745	33.811	26.228
80	8.685	33.847	26.265
90	8.485	33.866	26.310
100	8.145	33.866	26.361
120	7.603	33.860	26.436
140	7.227	33.828	26.465
160	6.918	33.799	26.484
180	6.663	33.772	26.497
200	6.466	33.779	26.528
225	6.346	33.850	26.600
250	5.979	33.875	26.666
275	5.594	33.886	26.721
300	5.078	33.872	26.769
325	4.650	33.840	26.795
350	4.610	33.865	26.819
375	4.529	33.893	26.850
400	4.339	33.913	26.885



Station: ctd75

Month	Day	Year	Time	Latitude	Longitude
8	5	91	1817	44.6697 N	174.0028 E

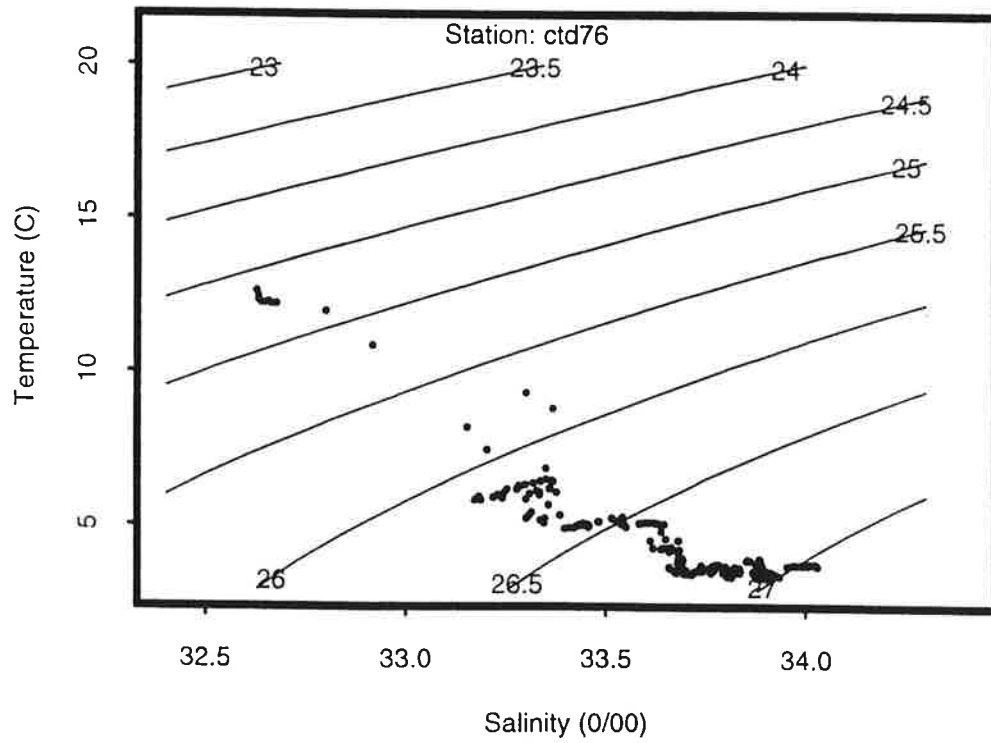
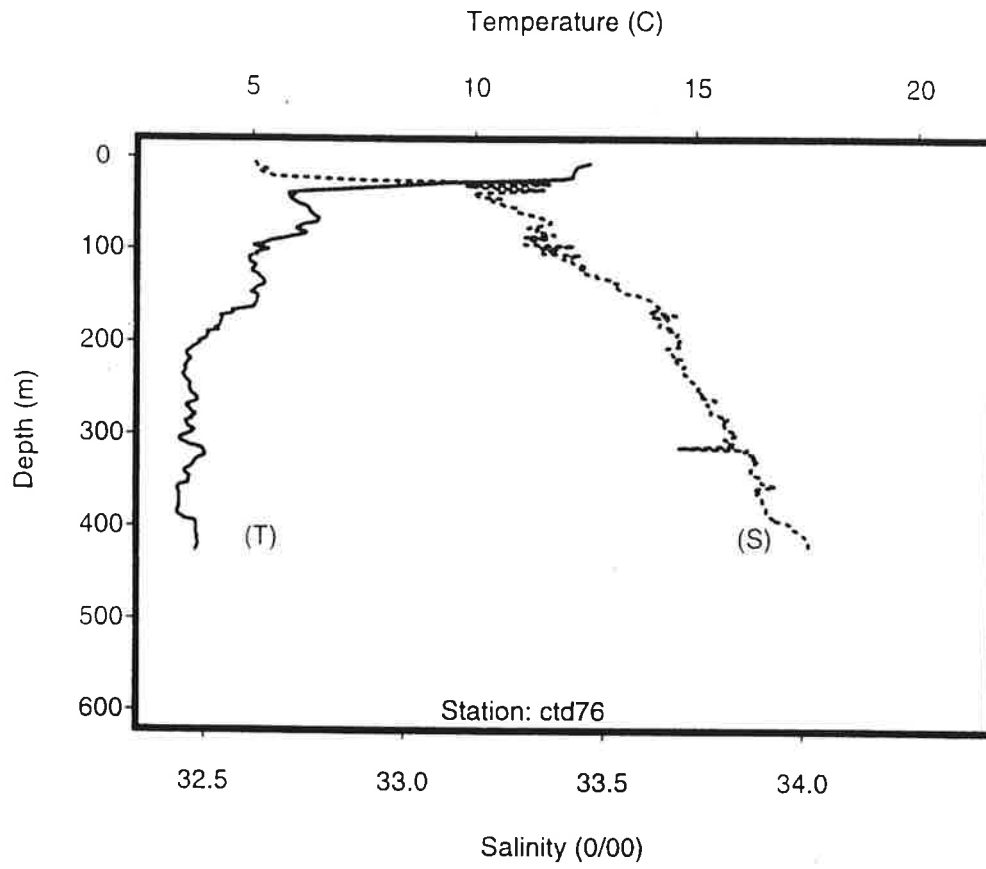
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.928	32.617	24.387
2	13.928	32.617	24.387
4	13.928	32.617	24.387
6	13.928	32.617	24.387
8	13.548	32.660	24.487
10	13.167	32.702	24.586
12	12.787	32.745	24.686
14	12.407	32.788	24.785
16	12.026	32.830	24.884
18	11.616	32.873	24.988
20	11.174	32.917	25.096
22	10.701	32.961	25.210
24	10.204	33.006	25.327
26	9.692	33.050	25.445
28	9.175	33.092	25.562
30	8.674	33.129	25.670
35	7.588	33.197	25.894
40	6.826	33.236	26.043
45	6.458	33.261	26.118
50	6.342	33.273	26.145
60	6.368	33.319	26.177
70	6.132	33.357	26.237
80	5.719	33.388	26.313
90	5.525	33.429	26.369
100	5.586	33.479	26.401
120	5.773	33.569	26.450
140	5.734	33.617	26.492
160	5.647	33.664	26.540
180	5.610	33.733	26.599
200	5.386	33.805	26.683
250	4.281	33.776	26.783
275	4.064	33.798	26.823
300	4.035	33.822	26.846
325	4.082	33.863	26.873
350	3.773	33.868	26.907
375	3.779	33.894	26.931
400	4.028	33.967	26.960



Station: ctd76

Month	Day	Year	Time	Latitude	Longitude
8	5	91	2126	45.0047 N	173.9962 E

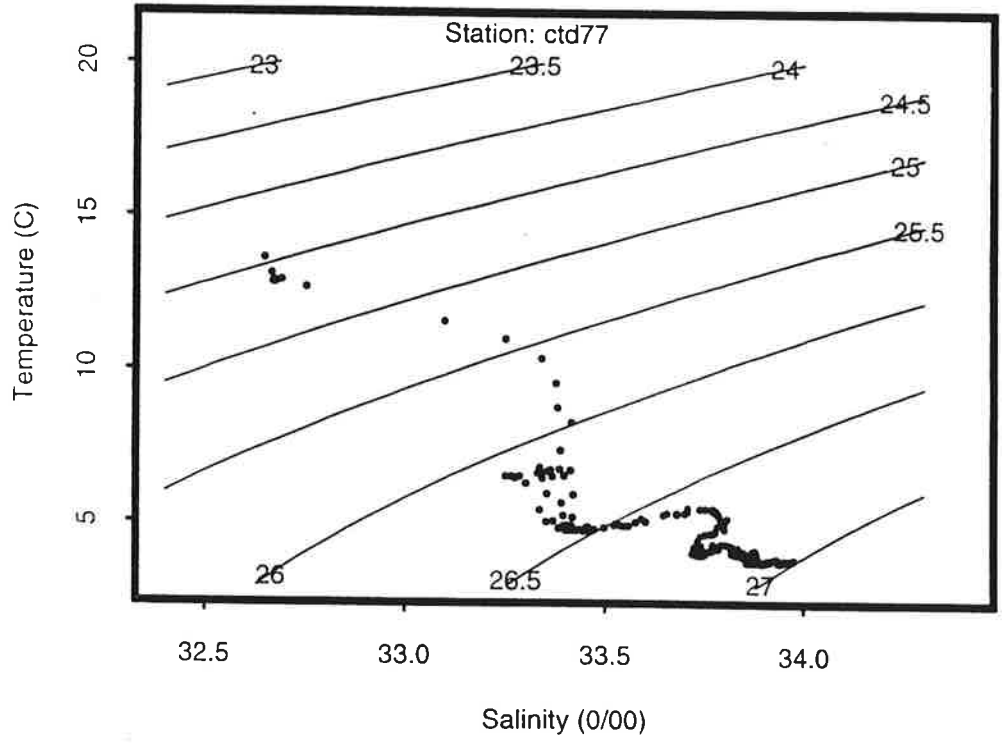
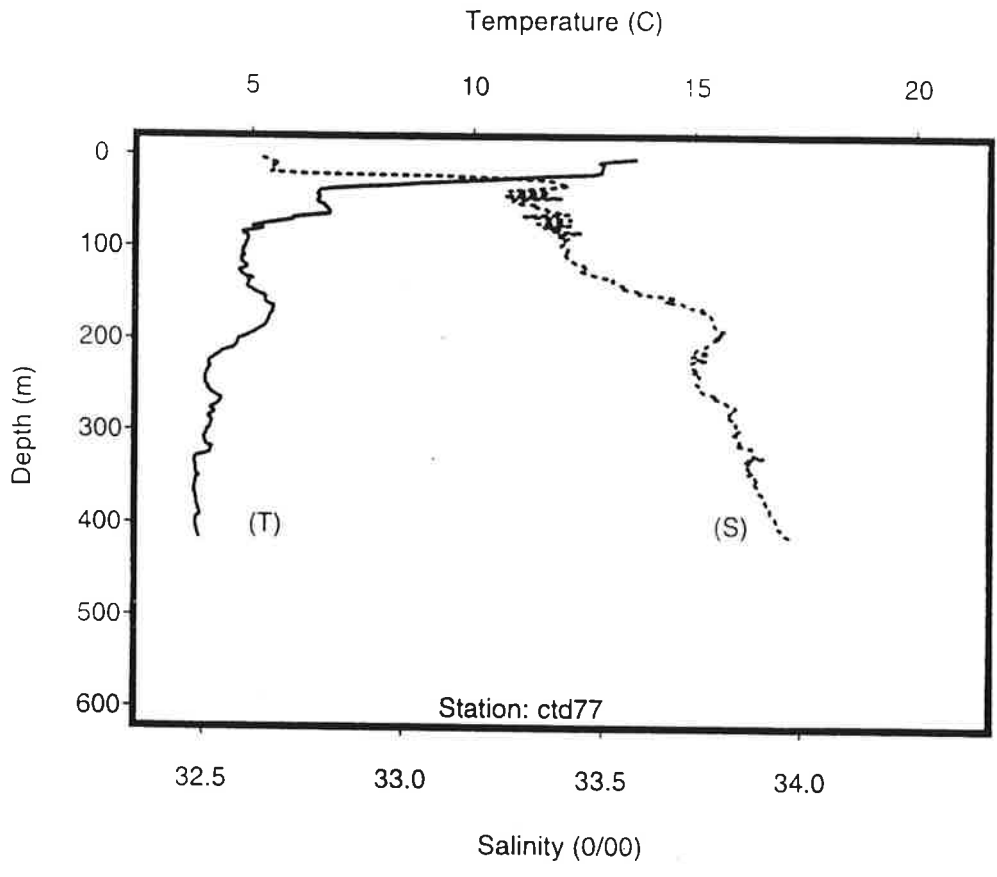
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.193	32.503	24.440
2	13.193	32.503	24.440
4	13.193	32.503	24.440
6	13.193	32.503	24.440
8	12.877	32.555	24.535
10	12.561	32.606	24.629
12	12.245	32.658	24.723
14	11.928	32.710	24.818
16	11.612	32.761	24.912
18	11.261	32.813	25.011
20	10.878	32.864	25.114
22	10.461	32.916	25.223
24	10.014	32.967	25.335
26	9.546	33.016	25.448
28	9.069	33.060	25.559
30	8.601	33.098	25.661
35	7.540	33.173	25.883
40	6.748	33.218	26.038
45	6.319	33.242	26.121
50	6.181	33.257	26.152
60	6.256	33.300	26.177
70	6.245	33.333	26.205
80	5.979	33.340	26.243
90	5.574	33.345	26.296
100	5.232	33.371	26.357
120	5.052	33.449	26.440
140	5.121	33.541	26.505
160	4.860	33.624	26.600
180	4.267	33.658	26.691
200	3.821	33.679	26.753
225	3.498	33.695	26.797
250	3.567	33.739	26.826
275	3.592	33.780	26.856
300	3.528	33.814	26.889
325	3.713	33.861	26.909
350	3.466	33.892	26.957
375	3.327	33.903	26.980
400	3.622	33.968	27.006
425	3.731	34.027	27.034



Station: ctd77

Month	Day	Year	Time	Latitude	Longitude
8	6	91	46	45.01 N	174.4983 E

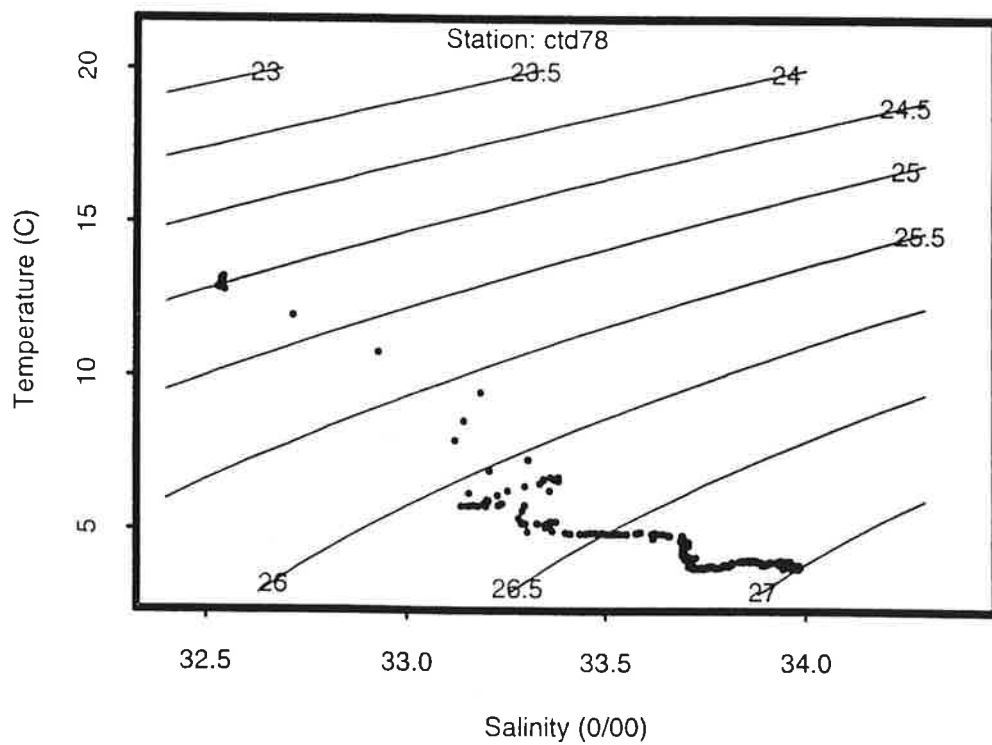
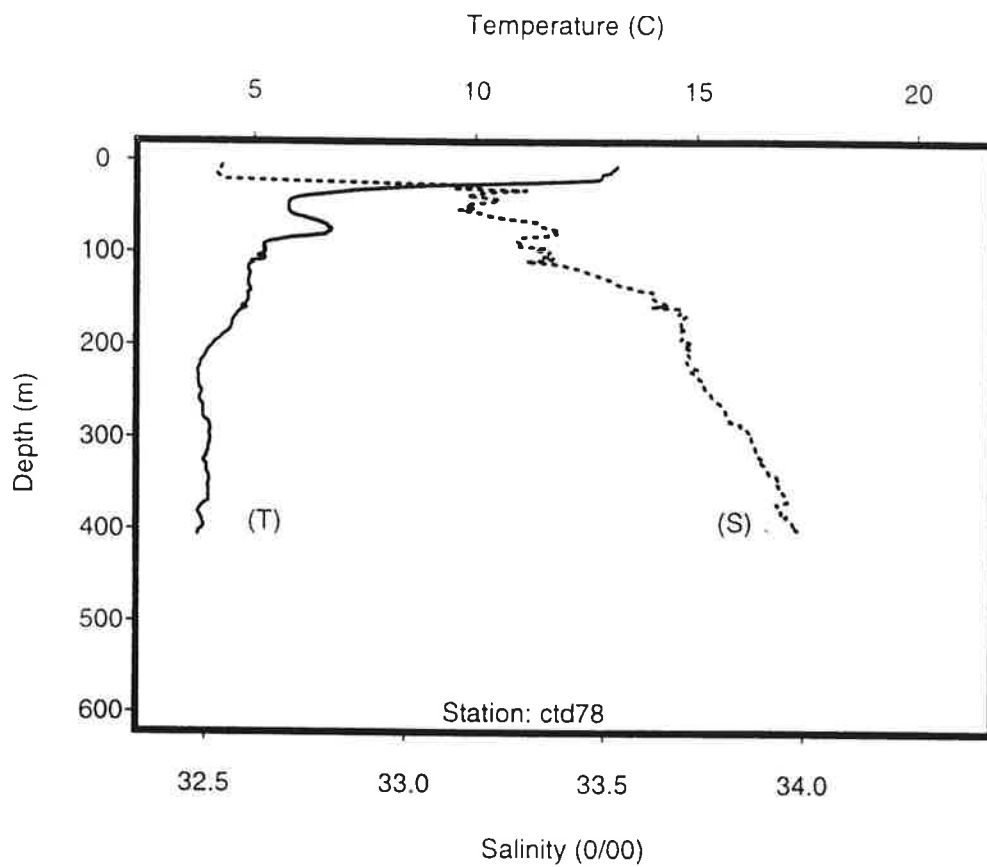
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.767	32.525	24.342
2	13.767	32.525	24.342
4	13.767	32.525	24.342
6	13.498	32.579	24.433
8	13.230	32.634	24.523
10	12.961	32.689	24.613
12	12.692	32.743	24.704
14	12.424	32.798	24.794
16	12.118	32.853	24.891
18	11.777	32.909	24.994
20	11.399	32.966	25.103
22	10.986	33.025	25.219
24	10.548	33.080	25.335
26	10.089	33.133	25.453
28	9.625	33.180	25.565
30	9.165	33.219	25.671
35	8.106	33.289	25.894
40	7.304	33.325	26.047
45	6.844	33.331	26.122
50	6.610	33.330	26.155
60	6.369	33.350	26.201
70	5.850	33.373	26.283
80	5.262	33.388	26.366
90	4.938	33.399	26.413
100	4.836	33.406	26.430
120	4.808	33.446	26.465
140	4.963	33.547	26.528
160	5.317	33.689	26.599
180	5.311	33.776	26.669
200	4.800	33.774	26.726
225	4.126	33.736	26.767
250	4.026	33.752	26.790
275	4.143	33.817	26.831
300	4.001	33.840	26.863
325	3.890	33.870	26.899
350	3.733	33.882	26.923
375	3.743	33.910	26.945
400	3.760	33.943	26.970



Station: ctd78

Month	Day	Year	Time	Latitude	Longitude
8	6	91	428	45.0083 N	175.0023 E

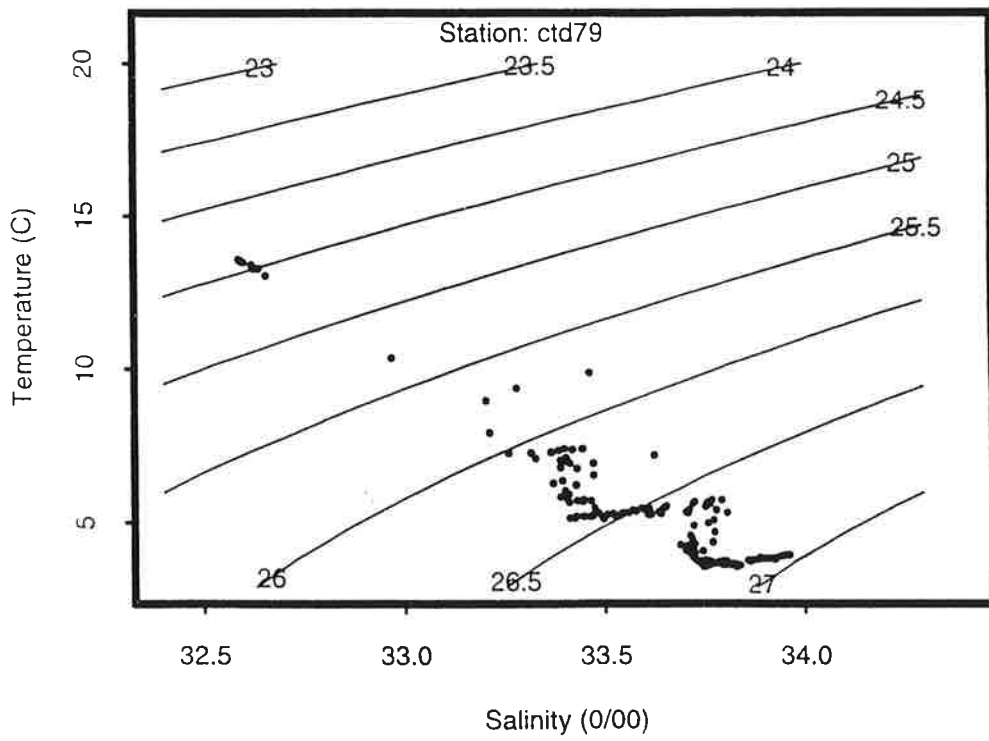
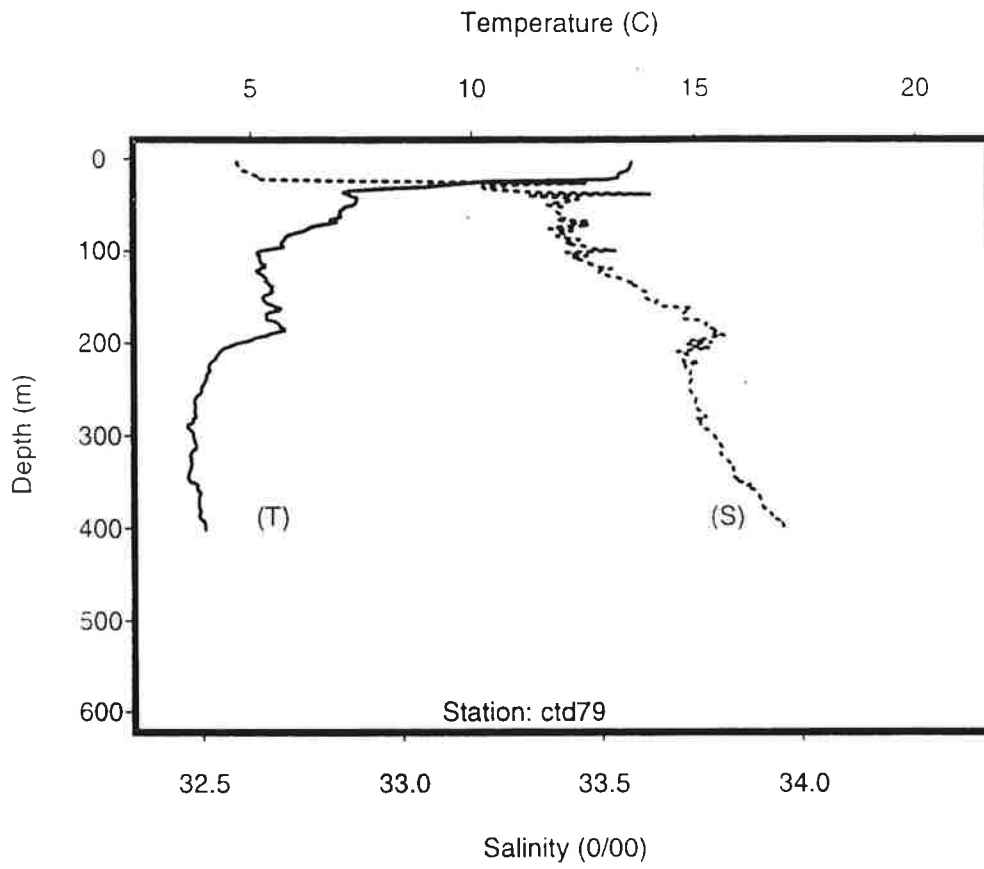
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.079	32.395	24.186
2	14.079	32.395	24.186
4	14.079	32.395	24.186
6	14.079	32.395	24.186
8	13.685	32.448	24.296
10	13.291	32.501	24.406
12	12.896	32.554	24.517
14	12.502	32.608	24.627
16	12.108	32.661	24.737
18	11.692	32.714	24.850
20	11.250	32.768	24.968
22	10.778	32.824	25.090
24	10.282	32.880	25.217
26	9.790	32.929	25.335
28	9.297	32.975	25.450
30	8.818	33.017	25.559
40	6.845	33.156	25.971
45	6.272	33.185	26.079
50	6.003	33.195	26.125
60	6.103	33.237	26.146
70	6.326	33.301	26.169
80	6.131	33.330	26.215
90	5.606	33.325	26.276
100	5.222	33.339	26.333
120	4.931	33.442	26.448
140	4.879	33.578	26.562
160	4.730	33.666	26.647
180	4.447	33.695	26.702
200	4.090	33.703	26.746
225	3.787	33.723	26.792
250	3.784	33.761	26.822
275	3.883	33.810	26.852
300	3.993	33.865	26.884
325	3.923	33.895	26.914
350	3.968	33.934	26.941
400	3.788	33.978	26.993



Station: ctd79

Month	Day	Year	Time	Latitude	Longitude
8	6	91	1123	44.6635 N	175.0072 E

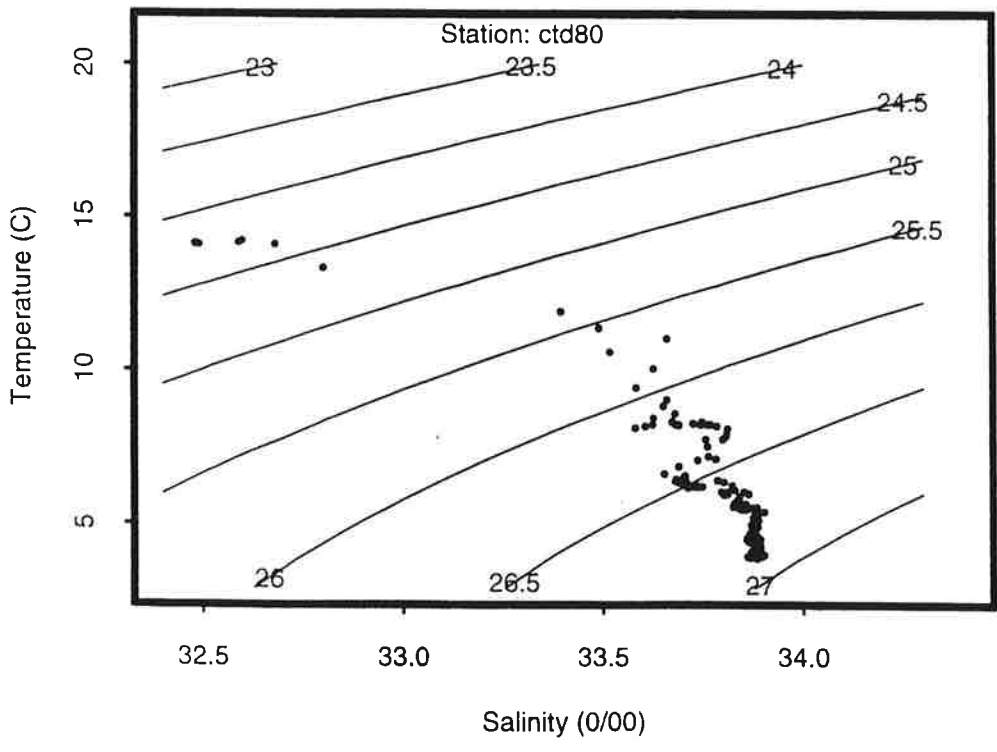
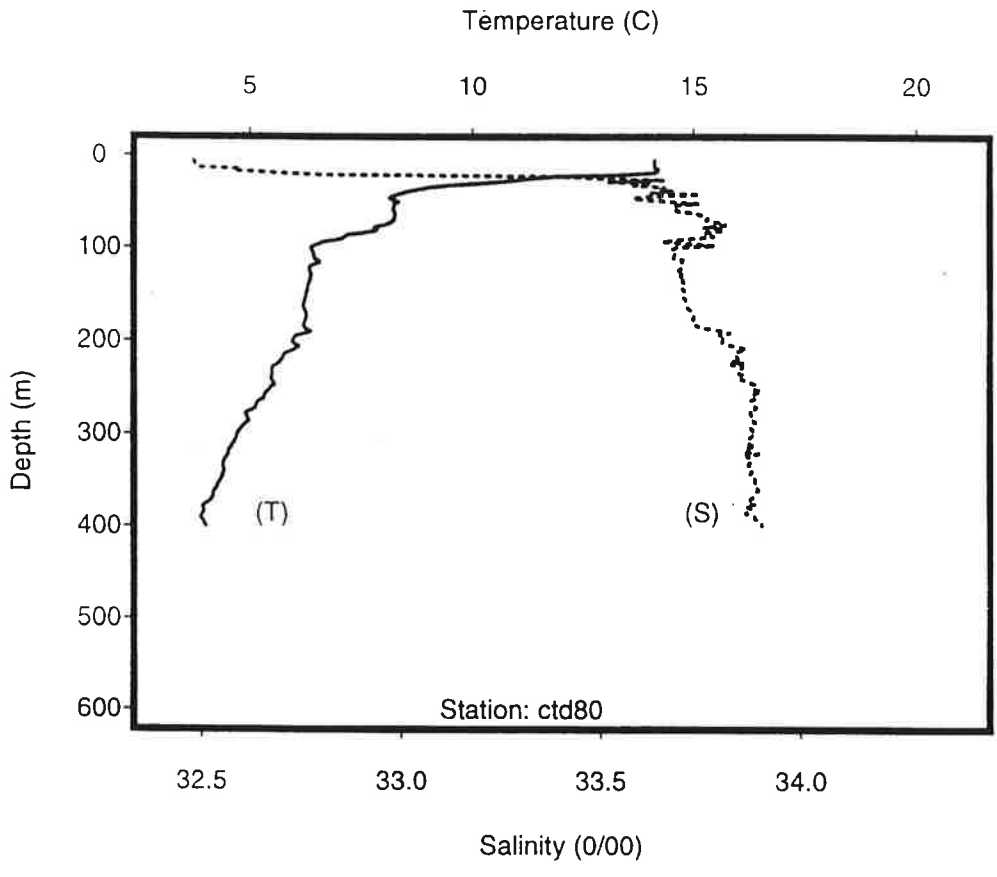
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.321	32.488	24.199
2	14.321	32.488	24.199
4	14.321	32.488	24.199
6	14.022	32.532	24.287
8	13.723	32.575	24.375
10	13.423	32.618	24.463
12	13.124	32.662	24.551
14	12.825	32.705	24.639
16	12.489	32.749	24.734
18	12.118	32.800	24.839
20	11.714	32.855	24.953
22	11.277	32.913	25.075
24	10.811	32.977	25.205
26	10.336	33.042	25.337
28	9.871	33.099	25.461
30	9.424	33.151	25.577
35	8.448	33.265	25.827
40	7.764	33.346	26.002
45	7.386	33.384	26.091
50	7.195	33.396	26.129
60	6.956	33.407	26.170
70	6.583	33.415	26.225
80	6.133	33.420	26.287
90	5.719	33.432	26.348
100	5.418	33.451	26.399
120	5.242	33.497	26.456
140	5.368	33.584	26.511
160	5.426	33.669	26.571
180	5.450	33.746	26.629
200	4.789	33.744	26.702
225	4.088	33.715	26.755
250	3.862	33.723	26.785
275	3.708	33.743	26.816
300	3.674	33.774	26.843
325	3.647	33.808	26.873
350	3.679	33.848	26.902
375	3.825	33.902	26.932
400	3.957	33.958	26.961



Station: ctd80

Month	Day	Year	Time	Latitude	Longitude
8	6	91	1432	44.3343 N	174.9967 E

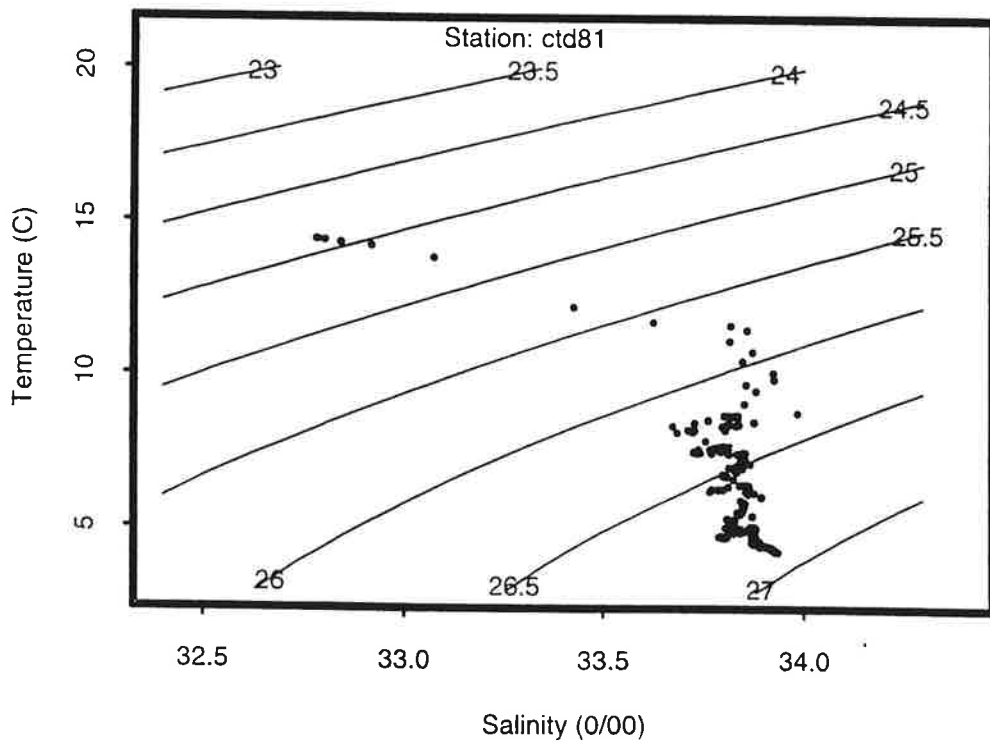
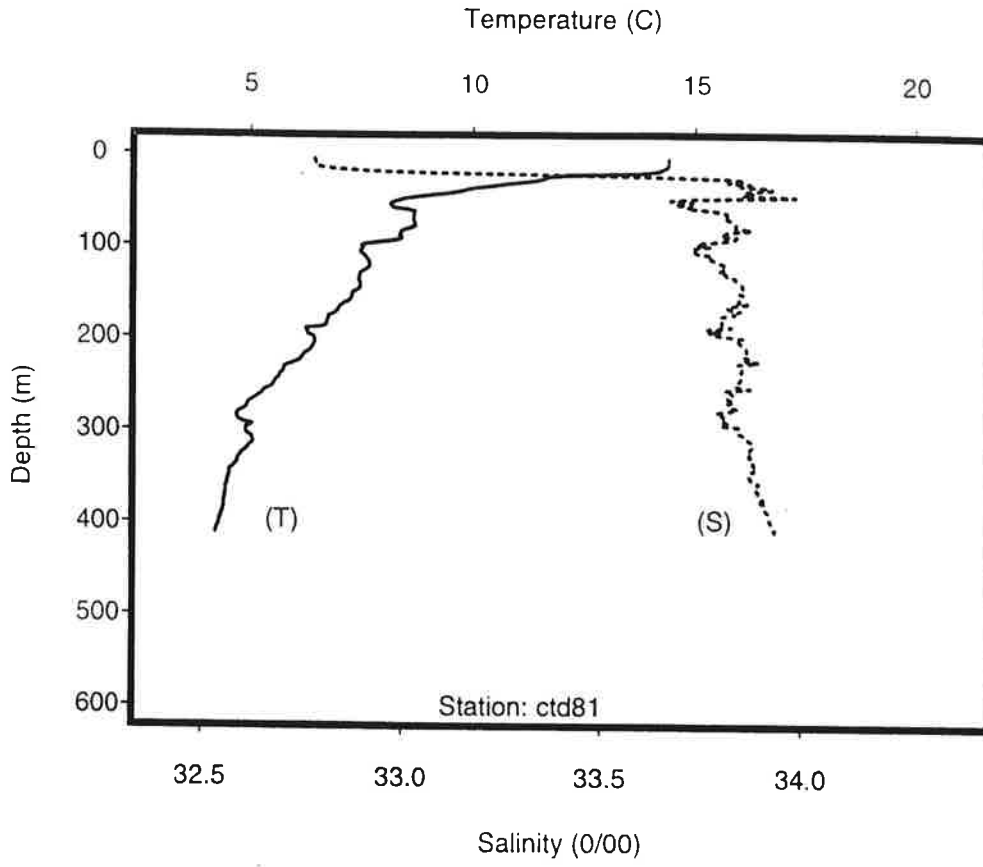
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.004	32.248	23.868
2	15.004	32.248	23.868
4	15.004	32.248	23.868
6	15.004	32.248	23.868
8	14.648	32.358	24.022
10	14.293	32.469	24.175
12	13.937	32.580	24.329
14	13.582	32.691	24.482
16	13.226	32.802	24.636
18	12.848	32.911	24.792
20	12.452	33.018	24.949
22	12.044	33.121	25.104
24	11.633	33.215	25.253
26	11.224	33.299	25.392
28	10.822	33.371	25.520
30	10.429	33.436	25.641
35	9.556	33.561	25.890
40	8.905	33.632	26.057
45	8.528	33.656	26.138
50	8.333	33.675	26.184
60	8.210	33.716	26.235
70	8.056	33.760	26.291
80	7.645	33.767	26.356
90	7.061	33.739	26.416
100	6.614	33.708	26.453
120	6.399	33.696	26.472
140	6.304	33.705	26.491
160	6.229	33.715	26.509
180	6.206	33.748	26.538
200	6.026	33.811	26.610
225	5.624	33.844	26.685
250	5.409	33.874	26.735
275	5.035	33.879	26.782
300	4.729	33.874	26.813
325	4.470	33.870	26.838
350	4.310	33.882	26.865
400	3.939	33.900	26.917



Station: ctd81

Month	Day	Year	Time	Latitude	Longitude
8	6	91	1750	43.9993 N	174.9985 E

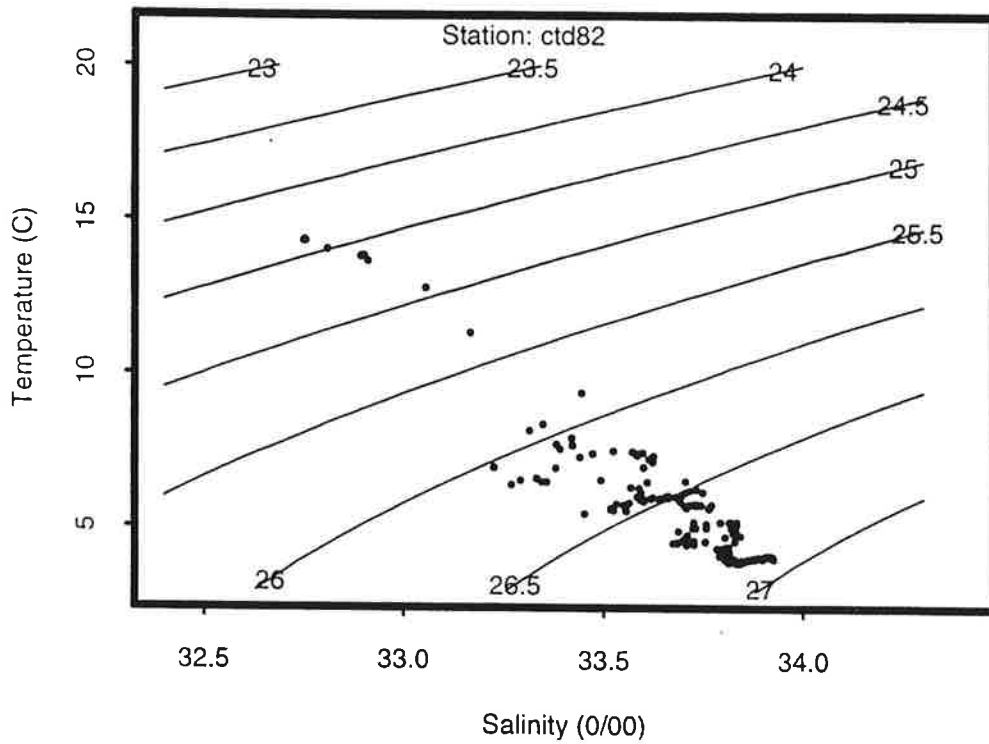
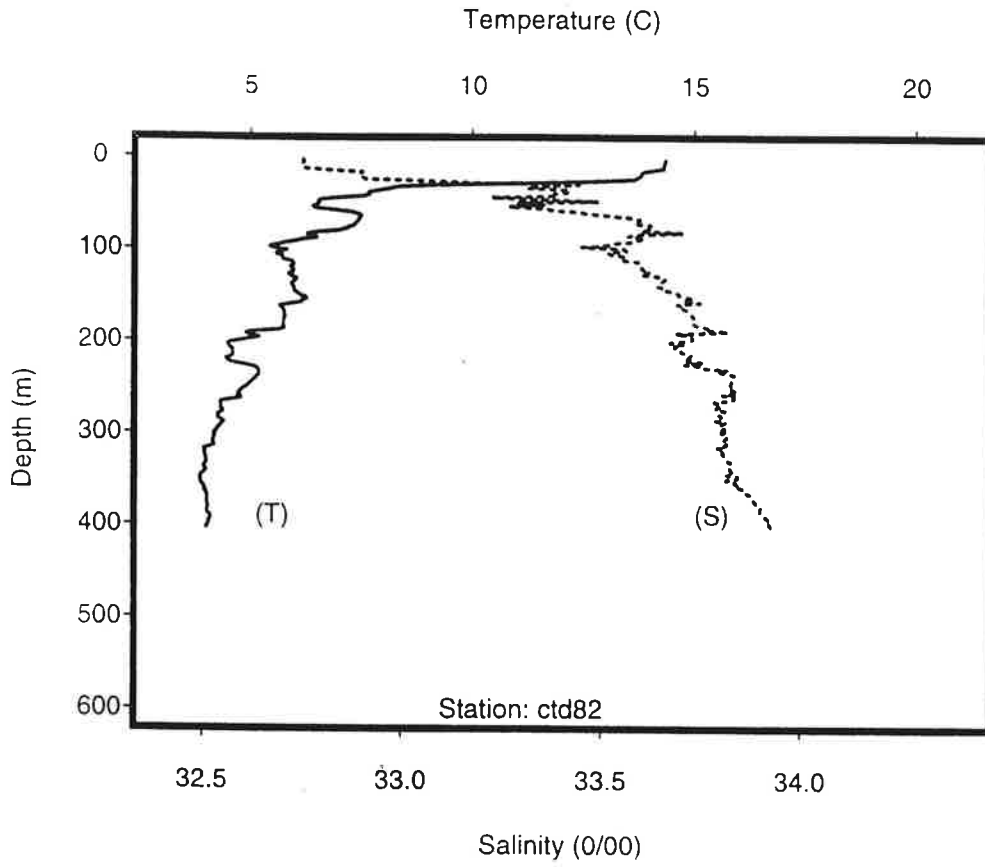
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.126	32.553	24.072
2	15.126	32.553	24.072
4	15.126	32.553	24.072
6	15.126	32.553	24.072
8	14.820	32.652	24.209
10	14.515	32.752	24.346
12	14.209	32.851	24.483
14	13.903	32.951	24.620
16	13.597	33.050	24.757
18	13.276	33.150	24.897
20	12.945	33.248	25.037
22	12.606	33.344	25.177
24	12.268	33.434	25.311
26	11.932	33.517	25.439
28	11.597	33.591	25.558
30	11.260	33.654	25.669
35	10.445	33.768	25.904
40	9.730	33.819	26.069
45	9.190	33.817	26.157
50	8.798	33.792	26.201
60	8.525	33.777	26.234
70	8.567	33.805	26.250
80	8.496	33.821	26.274
90	8.177	33.800	26.304
100	7.791	33.769	26.337
120	7.562	33.790	26.387
140	7.426	33.835	26.442
160	7.140	33.838	26.484
180	6.702	33.807	26.519
200	6.391	33.825	26.574
225	6.021	33.858	26.648
250	5.469	33.837	26.699
275	4.914	33.815	26.745
300	4.913	33.838	26.764
325	4.829	33.874	26.802
350	4.530	33.879	26.839
375	4.415	33.899	26.867
400	4.291	33.922	26.898



Station: ctd82

Month	Day	Year	Time	Latitude	Longitude
8	6	91	2124	44.0027 N	175.506 E

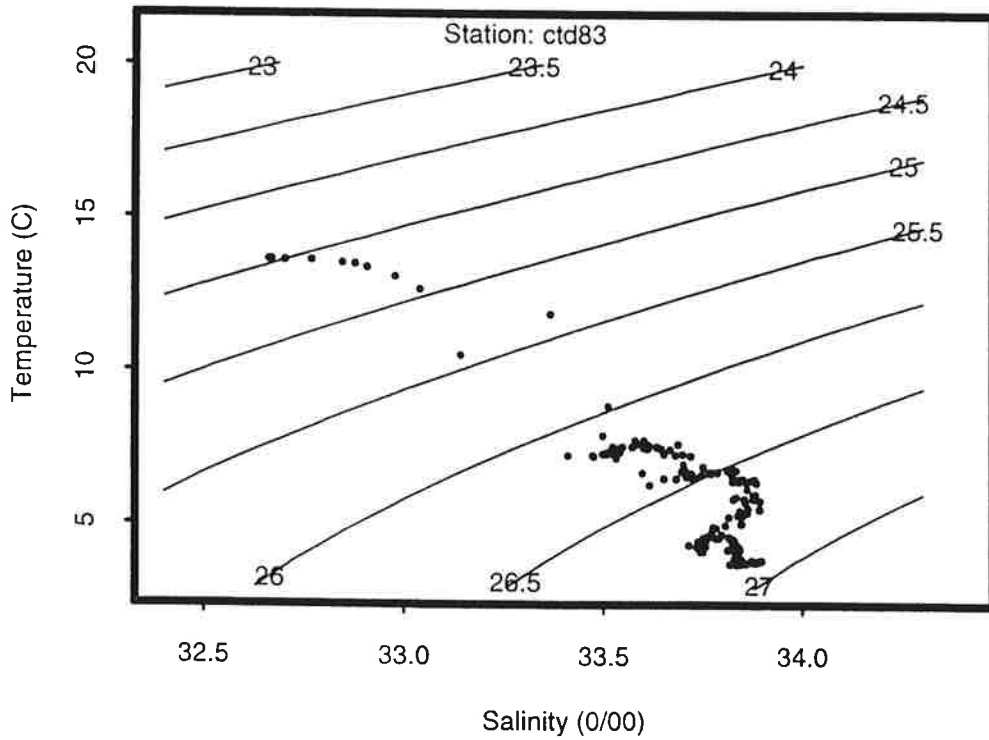
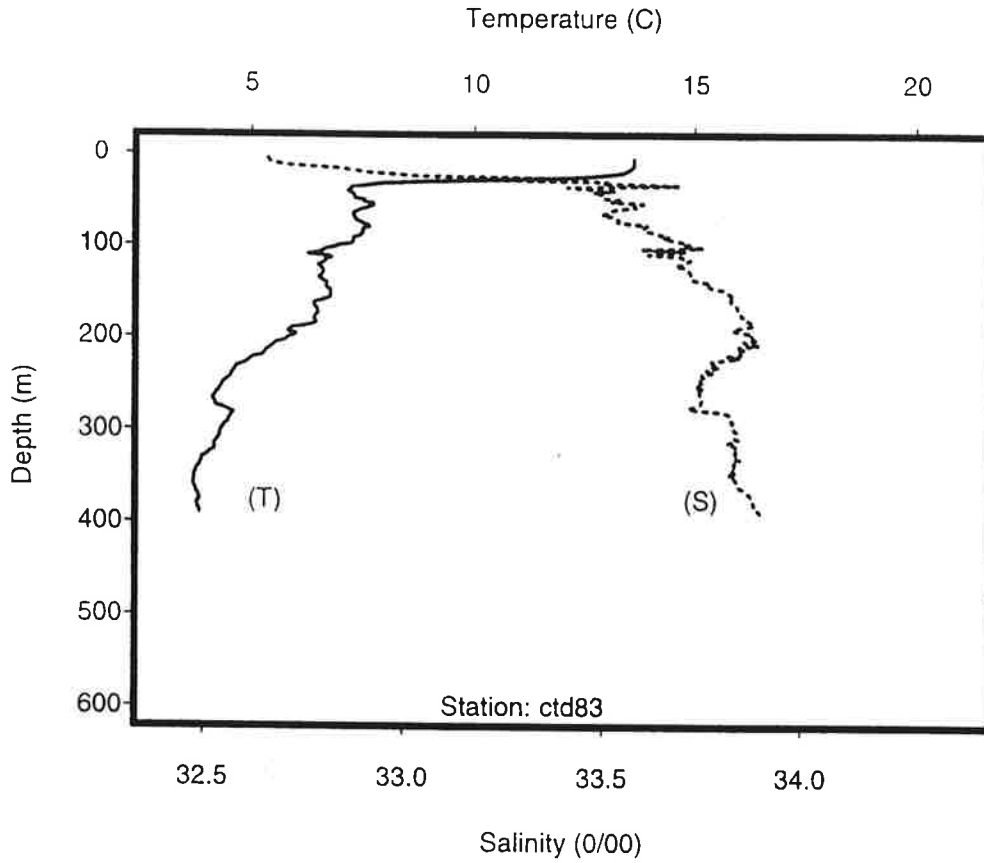
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.983	32.676	24.204
2	14.983	32.676	24.204
4	14.983	32.676	24.204
6	14.701	32.714	24.286
8	14.418	32.751	24.368
10	14.136	32.789	24.450
12	13.853	32.826	24.532
14	13.570	32.864	24.613
16	13.268	32.902	24.699
18	12.939	32.941	24.790
20	12.580	32.982	24.886
24	11.719	33.069	25.108
26	11.248	33.111	25.224
28	10.745	33.154	25.345
30	10.230	33.195	25.466
35	9.031	33.275	25.732
40	8.051	33.325	25.932
45	7.362	33.355	26.066
50	7.019	33.378	26.137
60	7.044	33.451	26.192
70	7.123	33.549	26.258
80	6.771	33.594	26.340
90	6.186	33.574	26.401
100	5.805	33.550	26.431
120	5.878	33.597	26.459
140	5.995	33.660	26.494
160	5.915	33.709	26.543
180	5.594	33.734	26.601
200	4.841	33.714	26.673
225	4.784	33.748	26.707
250	4.879	33.824	26.756
275	4.359	33.801	26.795
300	4.197	33.806	26.816
325	3.984	33.810	26.841
350	3.900	33.834	26.869
375	3.987	33.882	26.898
400	4.021	33.922	26.927



Station: ctd83

Month	Day	Year	Time	Latitude	Longitude
8	7	91	46	44.0098 N	176.0167 E

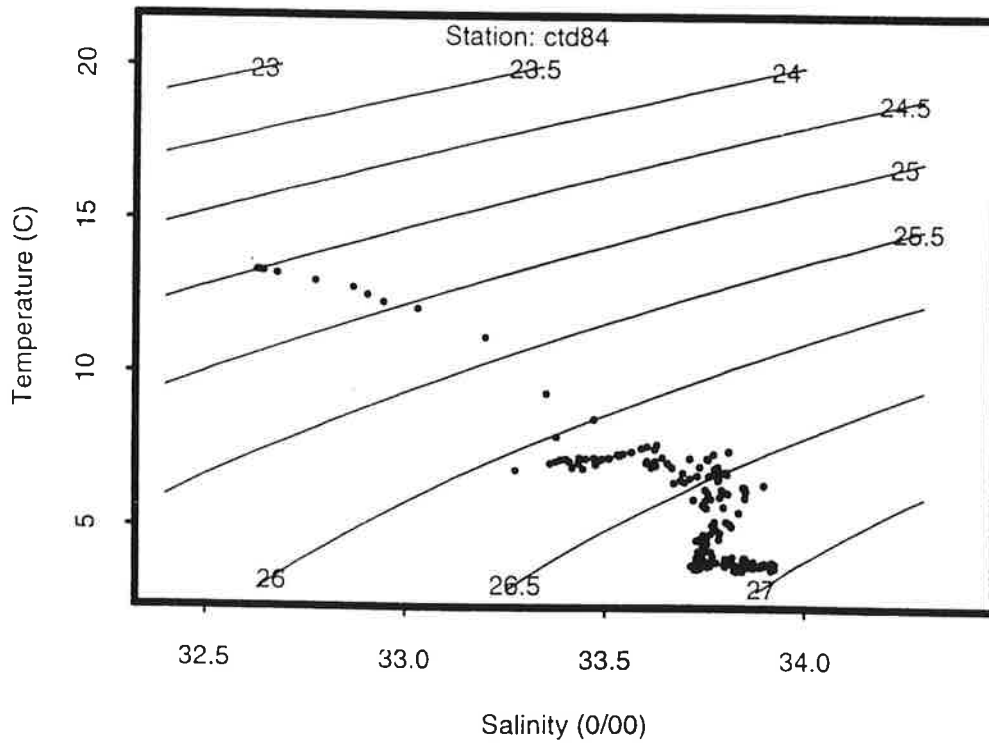
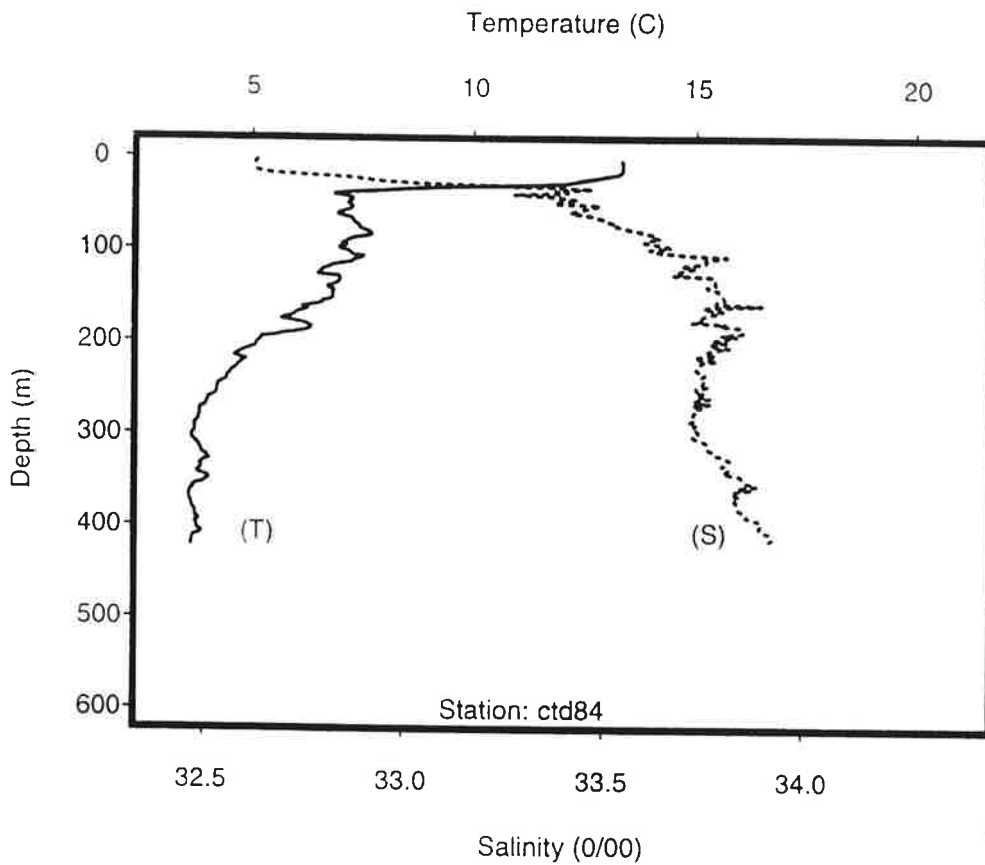
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.319	32.556	24.250
2	14.319	32.556	24.250
4	14.319	32.556	24.250
6	14.319	32.556	24.250
8	14.029	32.619	24.352
10	13.739	32.682	24.454
12	13.449	32.745	24.555
14	13.160	32.808	24.657
16	12.870	32.871	24.758
18	12.542	32.934	24.866
20	12.173	32.997	24.980
22	11.766	33.060	25.100
24	11.324	33.121	25.225
26	10.850	33.181	25.354
28	10.351	33.237	25.483
30	9.853	33.292	25.611
35	8.774	33.400	25.876
40	8.008	33.471	26.060
45	7.587	33.511	26.161
50	7.438	33.529	26.199
60	7.444	33.539	26.206
70	7.435	33.554	26.220
80	7.431	33.596	26.254
90	7.292	33.648	26.313
100	6.979	33.677	26.379
120	6.586	33.701	26.451
140	6.640	33.761	26.492
160	6.575	33.827	26.552
180	6.318	33.855	26.608
200	5.783	33.865	26.682
225	4.969	33.806	26.731
250	4.364	33.751	26.755
275	4.310	33.766	26.773
300	4.330	33.831	26.822
325	4.020	33.836	26.858
350	3.720	33.836	26.888
375	3.758	33.872	26.913



Station: ctd84

Month	Day	Year	Time	Latitude	Longitude
8	7	91	839	44.3328 N	176.0023 E

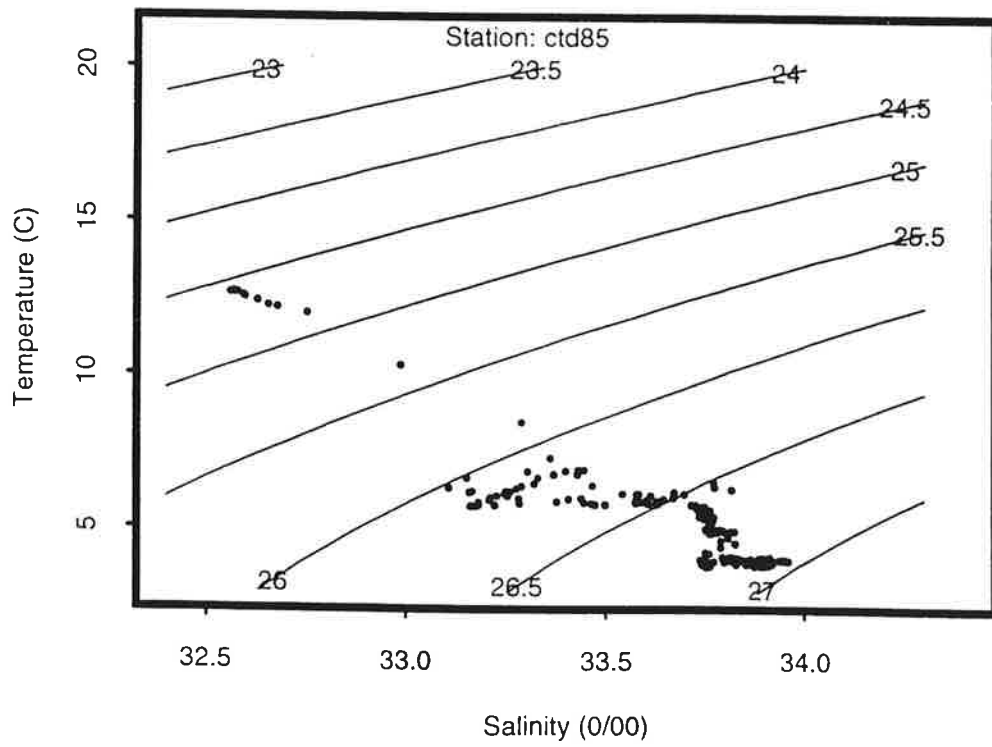
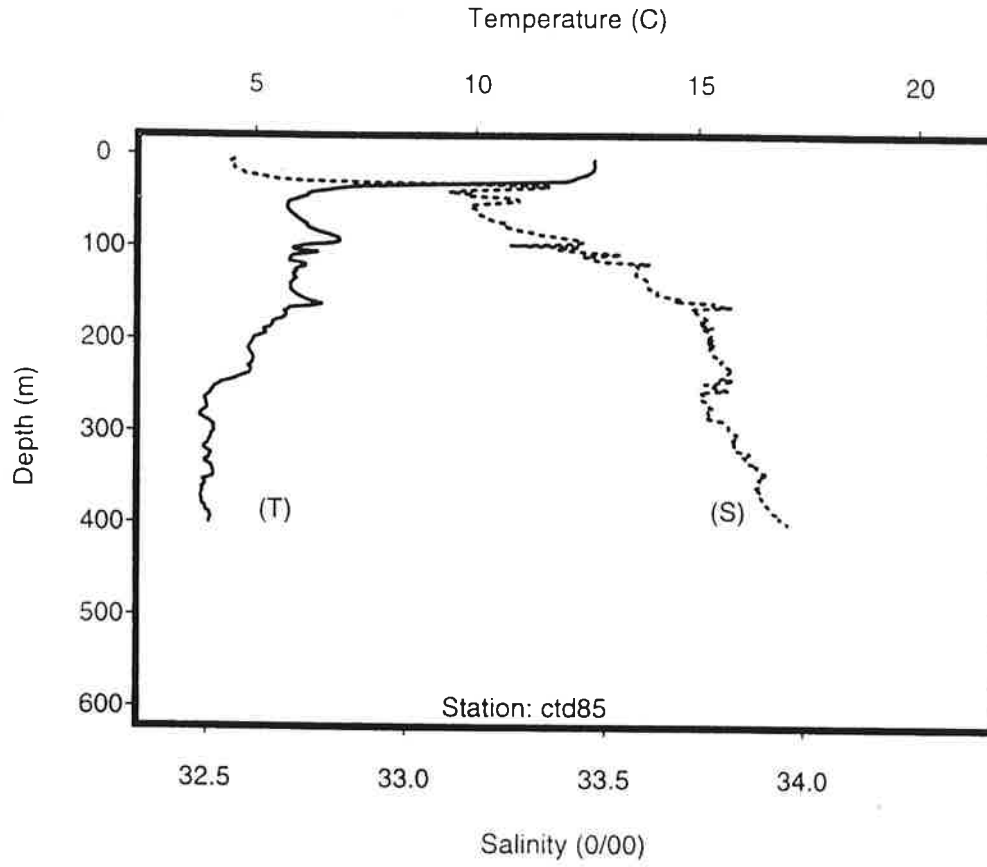
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.658	32.538	24.360
2	13.658	32.538	24.360
4	13.658	32.538	24.360
6	13.525	32.575	24.413
8	13.393	32.611	24.466
10	13.260	32.647	24.519
12	13.127	32.683	24.572
14	12.995	32.719	24.625
16	12.810	32.761	24.691
18	12.580	32.806	24.768
20	12.304	32.855	24.854
22	11.986	32.905	24.949
24	11.628	32.958	25.052
26	11.232	33.013	25.163
28	10.803	33.069	25.279
30	10.344	33.124	25.401
35	9.199	33.246	25.687
40	8.251	33.330	25.908
45	7.625	33.385	26.053
50	7.267	33.419	26.136
60	7.162	33.461	26.185
70	7.284	33.517	26.211
80	7.367	33.575	26.245
90	7.287	33.623	26.295
100	7.176	33.670	26.347
120	6.885	33.729	26.433
140	6.767	33.772	26.483
160	6.365	33.789	26.548
180	5.968	33.793	26.602
200	5.281	33.796	26.687
225	4.650	33.750	26.723
250	4.237	33.746	26.764
275	3.858	33.733	26.793
300	3.707	33.737	26.811
325	3.870	33.792	26.838
350	3.823	33.840	26.881
375	3.639	33.841	26.900
400	3.740	33.891	26.930



Station: ctd85

Month	Day	Year	Time	Latitude	Longitude
8	7	91	1205	44.673 N	176.0063 E

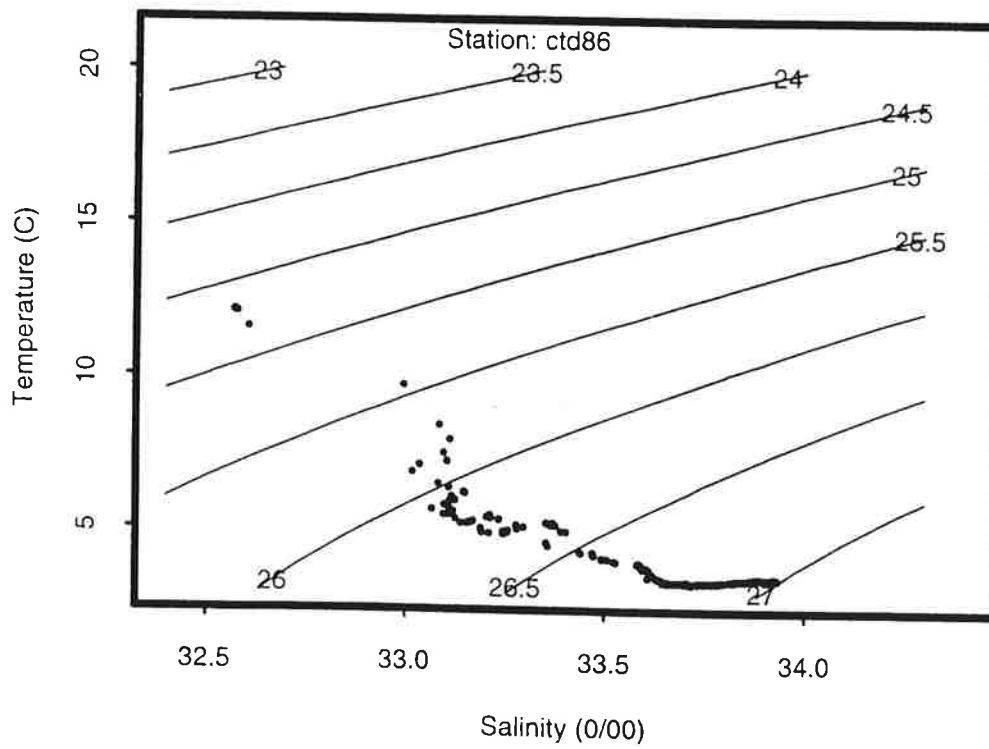
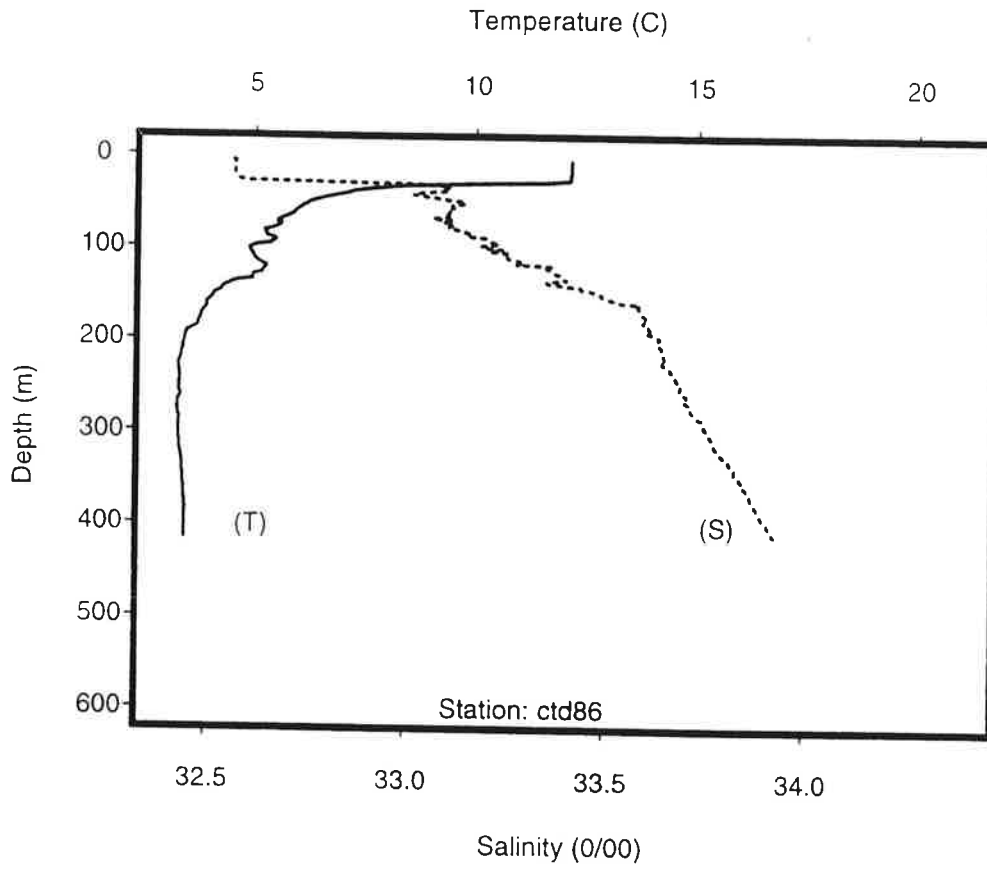
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.059	32.496	24.451
2	13.059	32.496	24.451
4	13.059	32.496	24.451
6	13.059	32.496	24.451
8	12.894	32.524	24.502
10	12.730	32.553	24.553
12	12.565	32.582	24.604
14	12.400	32.610	24.655
16	12.235	32.639	24.706
18	12.012	32.672	24.770
20	11.741	32.709	24.844
22	11.423	32.749	24.928
24	11.057	32.793	25.023
26	10.645	32.841	25.127
28	10.186	32.893	25.242
30	9.681	32.947	25.367
35	8.406	33.066	25.661
40	7.326	33.142	25.887
45	6.545	33.190	26.042
50	6.066	33.209	26.127
60	5.880	33.207	26.151
70	6.037	33.232	26.151
80	6.324	33.291	26.161
90	6.469	33.361	26.197
100	6.280	33.416	26.265
120	5.946	33.542	26.407
140	5.875	33.610	26.470
160	5.997	33.707	26.531
180	5.515	33.747	26.622
200	5.041	33.760	26.688
225	4.869	33.789	26.731
250	4.257	33.775	26.780
275	3.878	33.760	26.813
300	3.977	33.809	26.844
325	3.931	33.847	26.875
350	3.941	33.887	26.905
375	3.826	33.900	26.929
400	4.004	33.959	26.958



Station: ctd86

Month Day Year Time Latitude Longitude
 8 7 91 1521 45.0082 N 176.0023 E

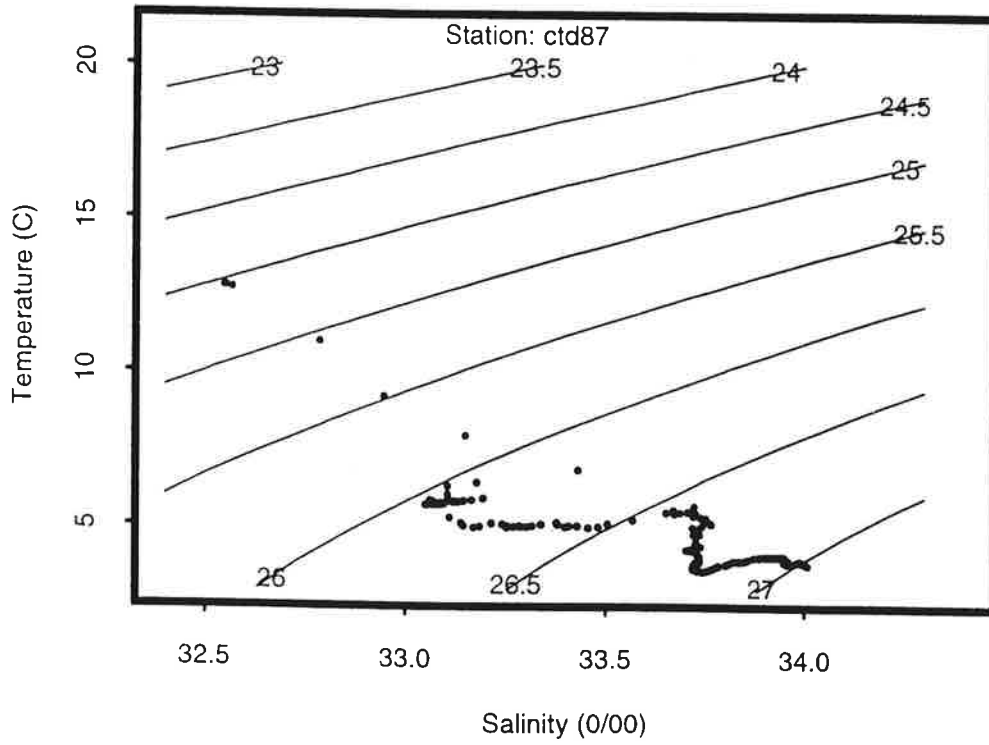
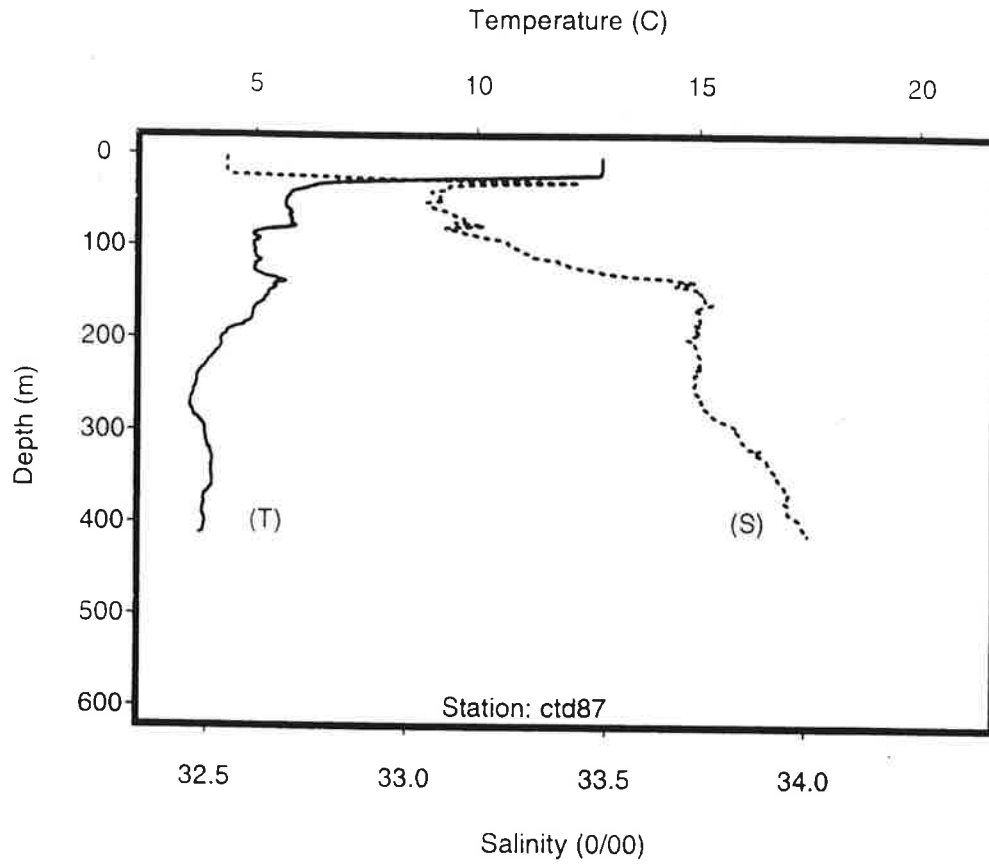
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	12.457	32.525	24.588
2	12.457	32.525	24.588
4	12.457	32.525	24.588
6	12.457	32.525	24.588
8	12.332	32.543	24.623
10	12.208	32.560	24.657
12	12.083	32.577	24.692
14	11.959	32.594	24.726
16	11.834	32.611	24.761
18	11.663	32.633	24.806
20	11.450	32.658	24.862
22	11.195	32.687	24.927
24	10.898	32.720	25.001
26	10.557	32.757	25.086
28	10.169	32.799	25.181
30	9.741	32.845	25.287
35	8.703	32.943	25.528
40	7.794	33.016	25.726
50	6.510	33.100	25.982
60	5.939	33.110	26.066
70	5.620	33.115	26.109
80	5.415	33.140	26.154
90	5.253	33.183	26.206
100	5.091	33.223	26.256
120	5.042	33.325	26.342
160	3.954	33.543	26.632
180	3.706	33.601	26.703
200	3.441	33.628	26.749
225	3.310	33.651	26.780
250	3.295	33.685	26.809
275	3.272	33.717	26.837
300	3.287	33.757	26.867
325	3.328	33.794	26.892
350	3.380	33.836	26.921
375	3.418	33.872	26.946
400	3.425	33.907	26.973



Station: ctd87

Month	Day	Year	Time	Latitude	Longitude
8	7	91	2208	44.9955 N	175.5128 E

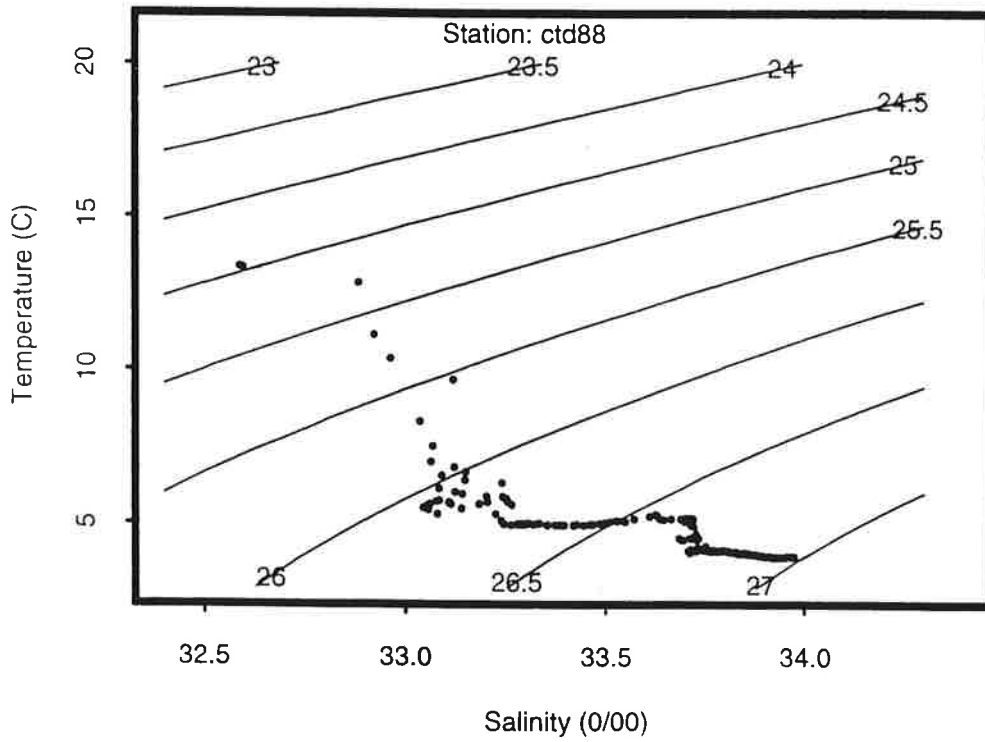
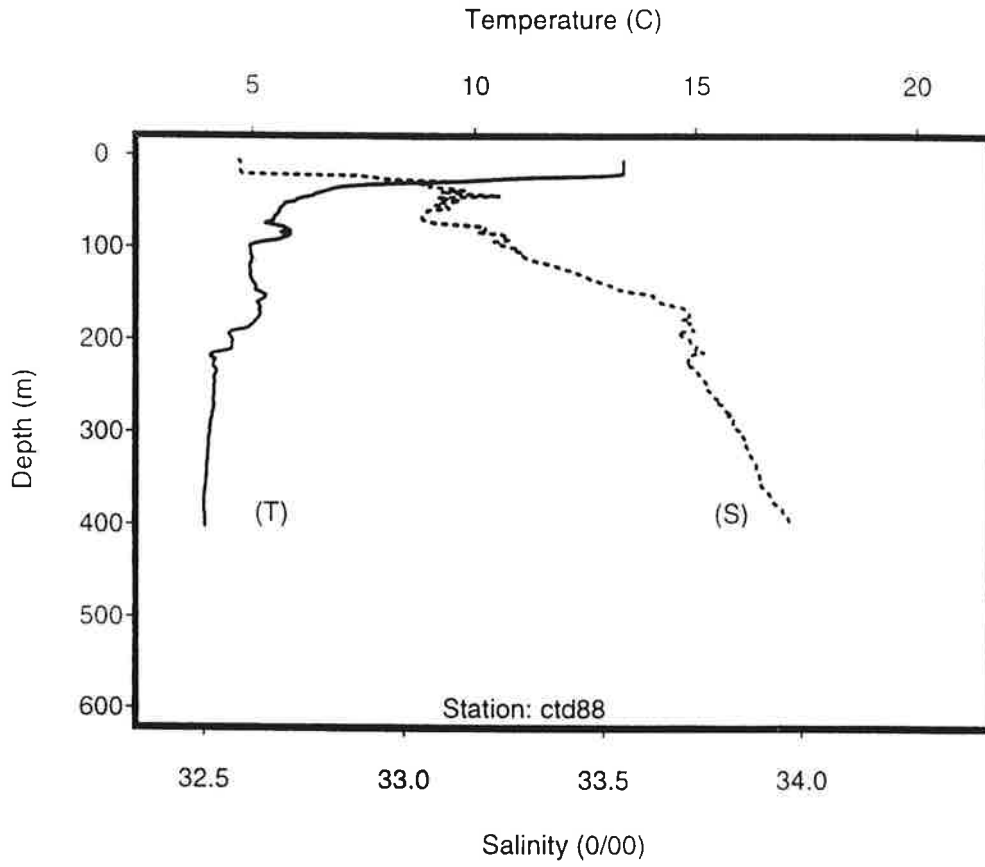
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.497	32.462	24.349
2	13.497	32.462	24.349
4	13.497	32.462	24.349
6	13.220	32.496	24.422
8	12.943	32.529	24.495
10	12.665	32.562	24.568
12	12.388	32.596	24.641
14	12.111	32.629	24.714
16	11.797	32.664	24.793
18	11.439	32.701	24.882
20	11.035	32.741	24.980
22	10.585	32.785	25.087
24	10.083	32.833	25.206
26	9.572	32.879	25.324
28	9.063	32.922	25.439
30	8.569	32.962	25.548
40	6.732	33.064	25.910
50	5.847	33.089	26.061
60	5.741	33.095	26.079
70	5.688	33.123	26.107
80	5.457	33.154	26.158
90	5.149	33.199	26.231
100	5.002	33.260	26.296
120	5.056	33.417	26.414
140	5.329	33.655	26.571
160	5.136	33.737	26.659
180	4.760	33.731	26.696
200	4.294	33.721	26.739
225	3.935	33.728	26.781
250	3.644	33.722	26.805
275	3.578	33.752	26.835
300	3.818	33.821	26.866
325	3.969	33.881	26.900
350	3.999	33.930	26.935
375	3.860	33.955	26.967
400	3.814	33.986	26.998



Station: ctd88

Month	Day	Year	Time	Latitude	Longitude
8	8	91	1029	44.6665 N	175.5165 E

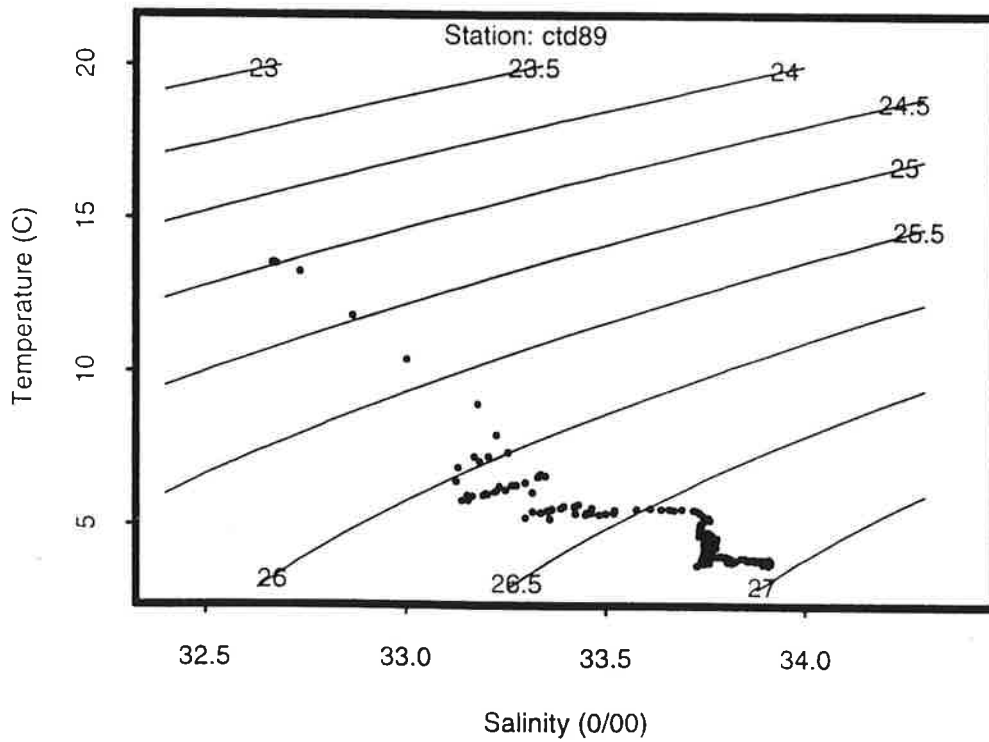
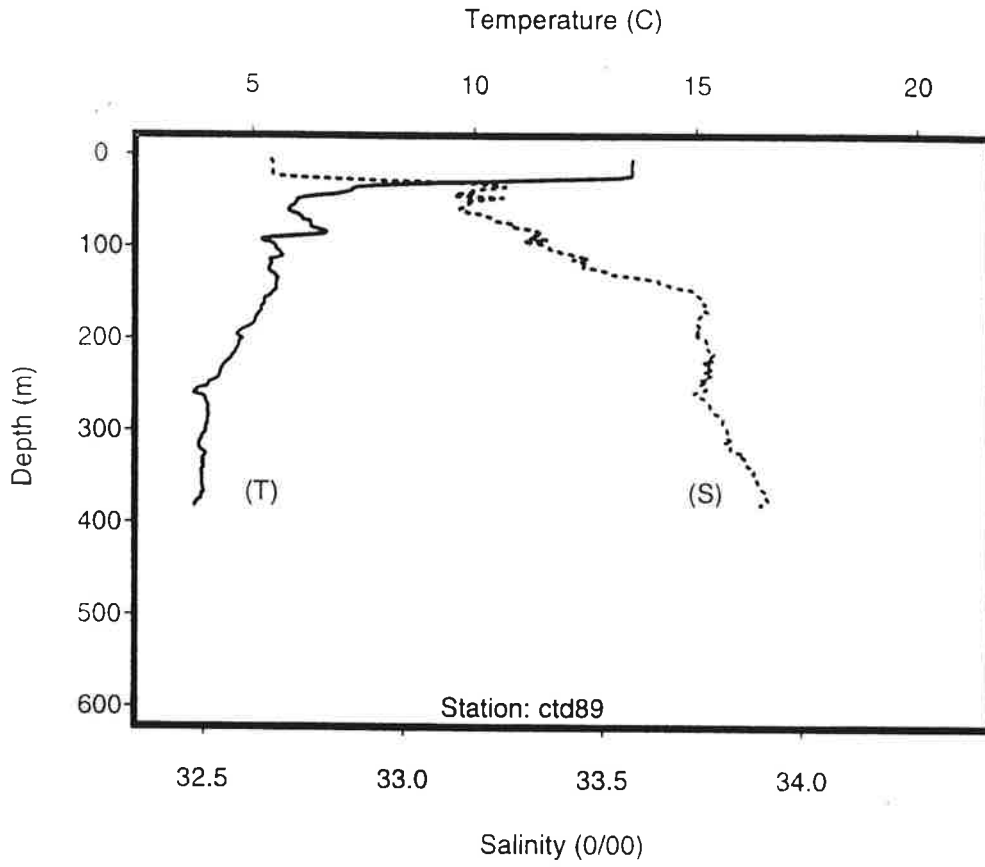
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.295	32.487	24.210
2	14.295	32.487	24.210
4	14.295	32.487	24.210
6	14.295	32.487	24.210
8	13.941	32.528	24.304
10	13.586	32.569	24.399
12	13.232	32.610	24.494
14	12.878	32.651	24.588
16	12.524	32.691	24.683
18	12.134	32.733	24.784
20	11.709	32.776	24.890
22	11.248	32.820	25.004
24	10.755	32.863	25.121
26	10.242	32.904	25.239
28	9.714	32.944	25.357
30	9.187	32.979	25.470
35	7.990	33.050	25.718
40	7.046	33.097	25.900
45	6.414	33.112	26.004
50	6.031	33.107	26.052
60	5.670	33.086	26.081
70	5.564	33.101	26.105
90	5.423	33.227	26.221
100	5.159	33.270	26.285
120	4.954	33.373	26.391
140	5.057	33.514	26.491
160	5.164	33.651	26.587
180	4.974	33.708	26.654
200	4.535	33.717	26.709
225	4.158	33.724	26.755
250	4.125	33.760	26.787
275	4.090	33.805	26.827
300	4.022	33.844	26.865
325	3.979	33.872	26.891
350	3.939	33.895	26.914
375	3.901	33.932	26.946
400	3.920	33.973	26.977



Station: ctd89

Month	Day	Year	Time	Latitude	Longitude
8	8	91	1422	44.3213 N	175.5028 E

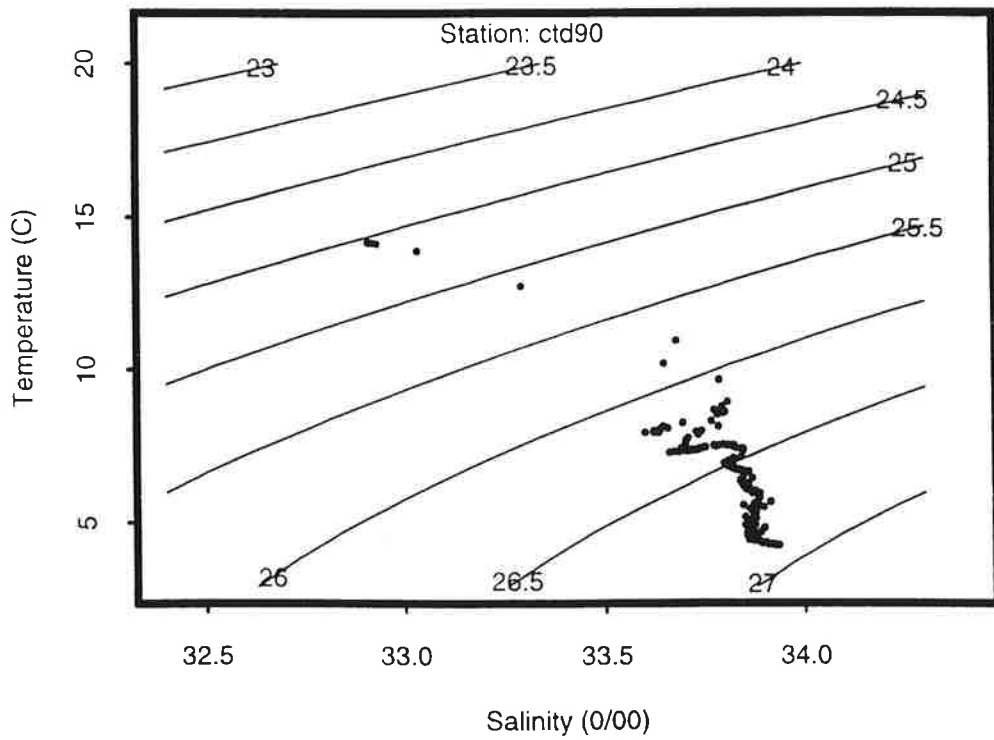
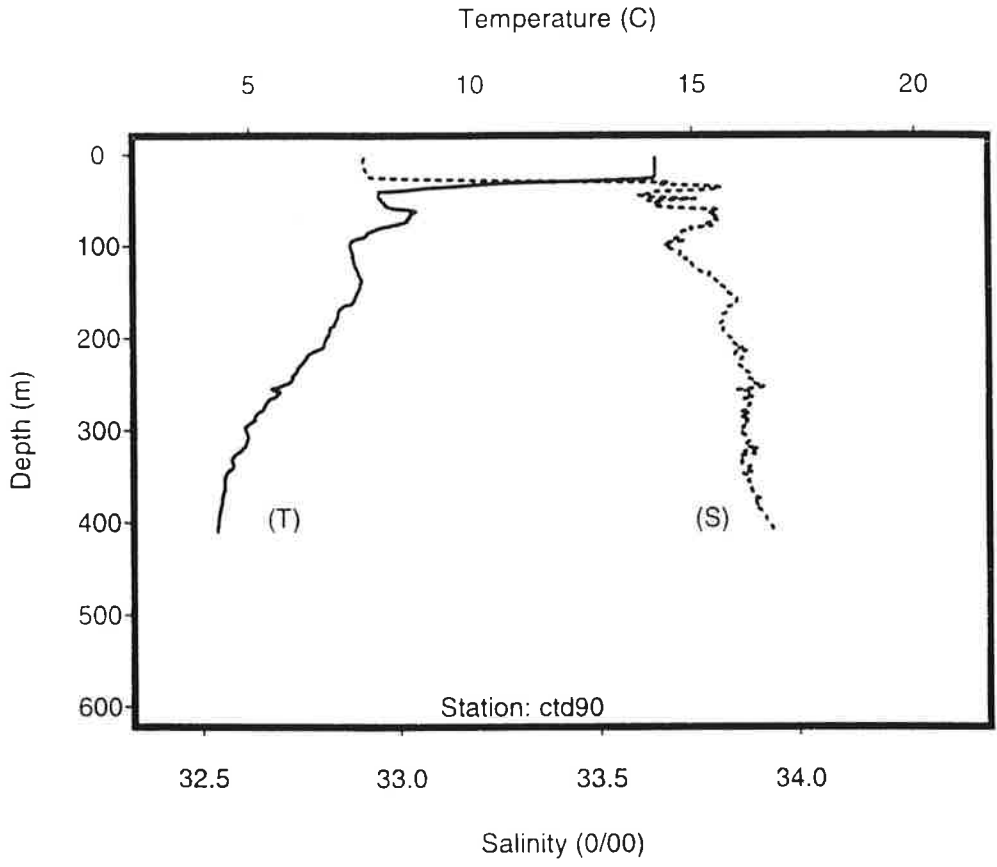
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.240	32.597	24.299
2	14.240	32.597	24.299
4	14.240	32.597	24.299
6	14.240	32.597	24.299
8	13.975	32.625	24.368
10	13.710	32.653	24.438
12	13.445	32.681	24.507
14	13.180	32.709	24.576
16	12.915	32.737	24.645
18	12.608	32.768	24.723
20	12.255	32.801	24.811
22	11.856	32.837	24.909
24	11.405	32.876	25.017
26	10.904	32.918	25.135
28	10.362	32.962	25.261
30	9.810	33.004	25.386
35	8.528	33.089	25.662
40	7.476	33.142	25.871
45	6.713	33.169	26.008
50	6.277	33.175	26.074
60	6.022	33.185	26.116
70	6.144	33.232	26.137
80	6.148	33.289	26.182
90	5.857	33.332	26.251
100	5.589	33.371	26.315
120	5.466	33.477	26.414
140	5.470	33.645	26.547
160	5.274	33.741	26.646
180	5.008	33.741	26.676
200	4.714	33.750	26.716
225	4.430	33.763	26.757
250	4.001	33.749	26.791
275	3.946	33.769	26.812
300	3.906	33.808	26.847
325	3.856	33.838	26.876
350	3.856	33.881	26.910
375	3.772	33.904	26.938



Station: ctd90

Month	Day	Year	Time	Latitude	Longitude
8	8	91	2008	43.6575 N	175.0018 E

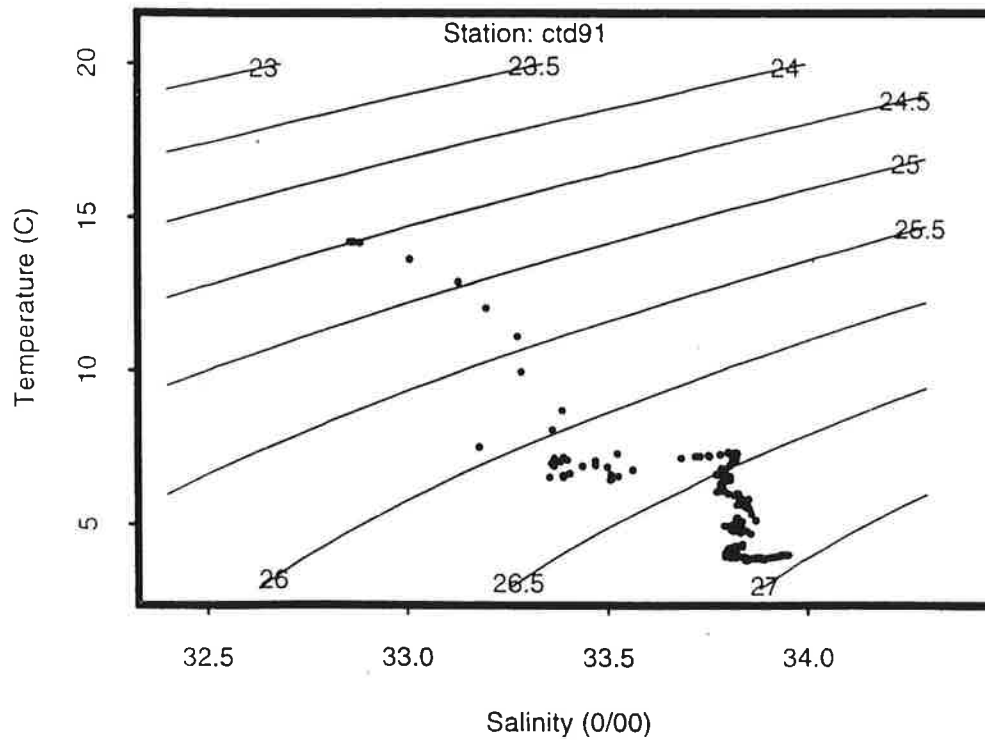
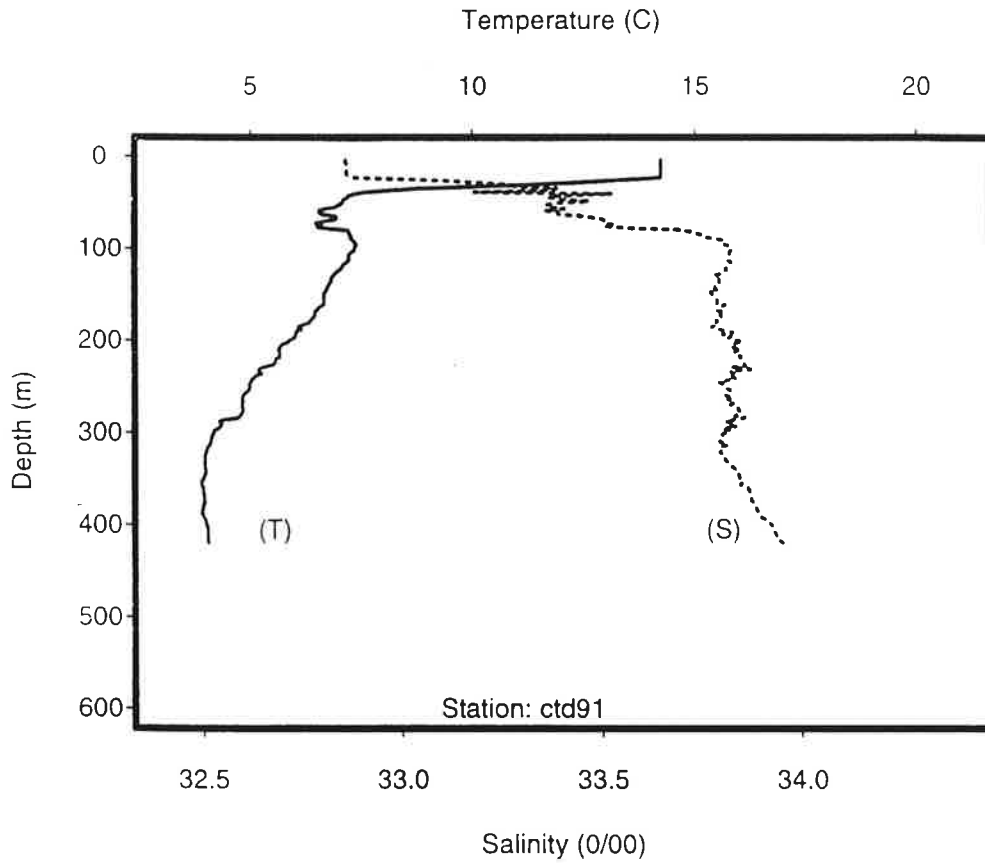
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.522	32.833	24.411
2	14.522	32.833	24.411
4	14.522	32.833	24.411
4	14.522	32.833	24.411
6	14.386	32.863	24.460
8	14.251	32.893	24.509
10	14.116	32.923	24.558
14	13.846	32.982	24.656
16	13.710	33.012	24.705
18	13.505	33.052	24.774
20	13.257	33.096	24.854
22	12.969	33.143	24.944
24	12.644	33.194	25.043
26	12.241	33.255	25.163
28	11.790	33.321	25.297
30	11.313	33.386	25.434
35	10.165	33.519	25.741
40	9.197	33.608	25.980
45	8.577	33.661	26.129
50	8.296	33.687	26.198
60	8.370	33.727	26.219
70	8.381	33.759	26.242
80	8.045	33.743	26.279
90	7.628	33.707	26.312
100	7.395	33.693	26.334
120	7.408	33.733	26.364
140	7.484	33.798	26.405
160	7.282	33.830	26.458
180	6.961	33.812	26.488
200	6.730	33.828	26.532
225	6.243	33.854	26.616
250	5.781	33.878	26.693
275	5.298	33.869	26.744
300	4.950	33.864	26.780
325	4.723	33.868	26.809
350	4.462	33.871	26.840
375	4.349	33.891	26.868
400	4.264	33.921	26.901



Station: ctd91

Month	Day	Year	Time	Latitude	Longitude
8	8	91	2340	43.664 N	175.5083 E

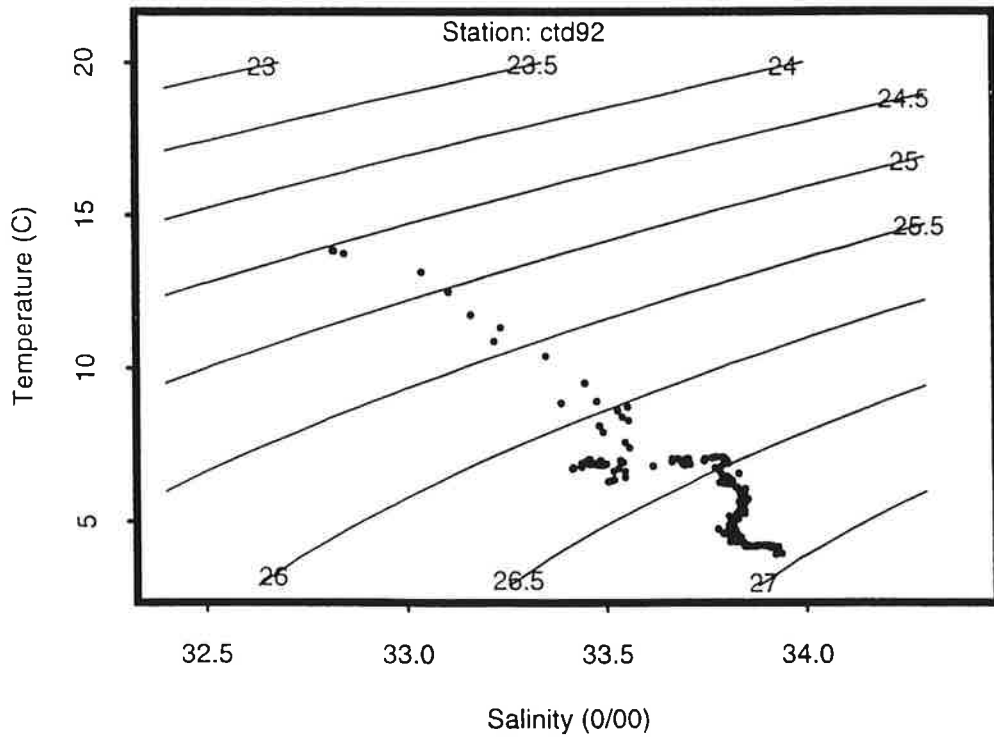
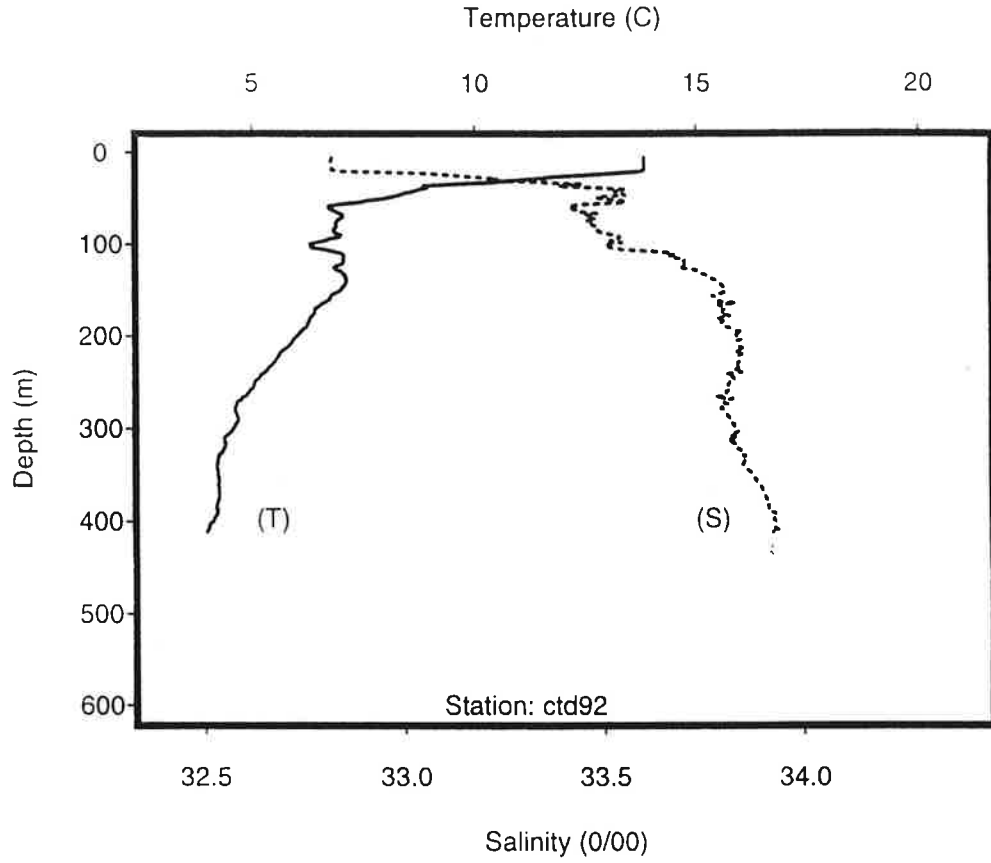
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.582	32.806	24.377
2	14.582	32.806	24.377
4	14.582	32.806	24.377
6	14.443	32.827	24.420
8	14.303	32.848	24.463
10	14.163	32.869	24.507
12	14.023	32.889	24.550
14	13.884	32.910	24.593
16	13.686	32.934	24.649
18	13.435	32.960	24.715
20	13.129	32.991	24.795
22	12.768	33.026	24.887
24	12.351	33.063	24.992
26	11.882	33.104	25.107
28	11.376	33.145	25.228
30	10.846	33.184	25.352
35	9.531	33.269	25.645
40	8.405	33.334	25.884
45	7.608	33.372	26.042
50	7.128	33.391	26.132
60	6.779	33.428	26.210
70	6.775	33.513	26.277
80	6.977	33.639	26.349
90	7.191	33.748	26.406
100	7.266	33.805	26.441
120	7.036	33.811	26.477
140	6.752	33.789	26.498
160	6.569	33.789	26.523
180	6.255	33.793	26.567
200	5.851	33.822	26.640
225	5.421	33.842	26.708
250	4.955	33.816	26.741
275	4.695	33.830	26.782
300	4.179	33.810	26.821
325	3.962	33.807	26.841
350	3.905	33.843	26.876
375	3.899	33.877	26.903
400	3.955	33.918	26.930



Station: ctd92

Month	Day	Year	Time	Latitude	Longitude
8	9	91	307	43.6667 N	176.0067 E

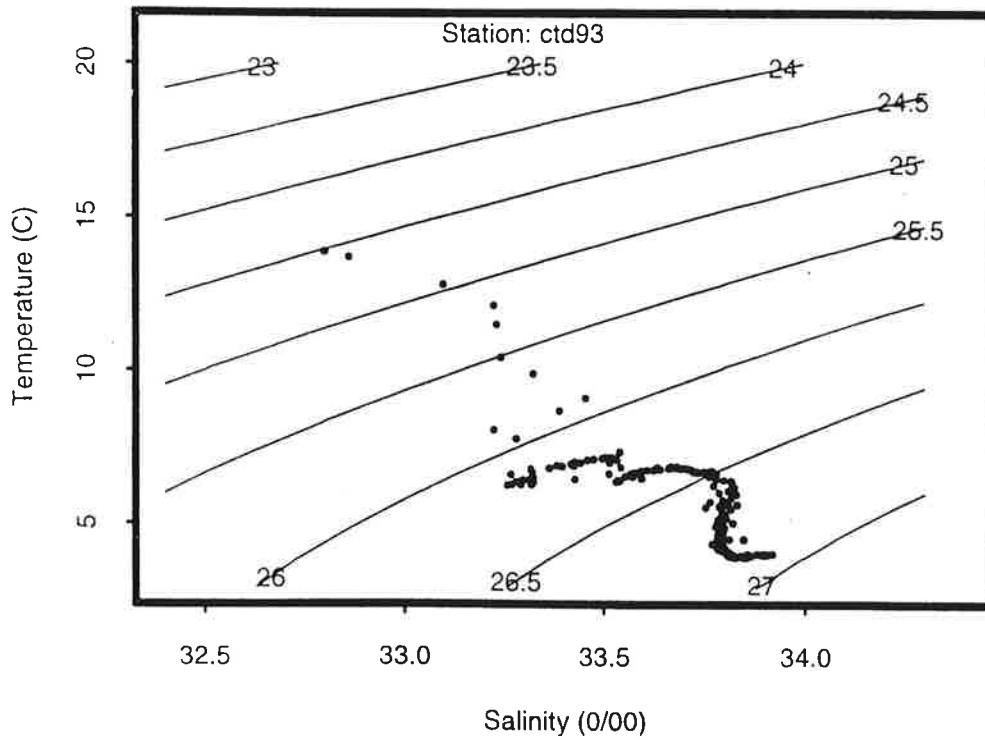
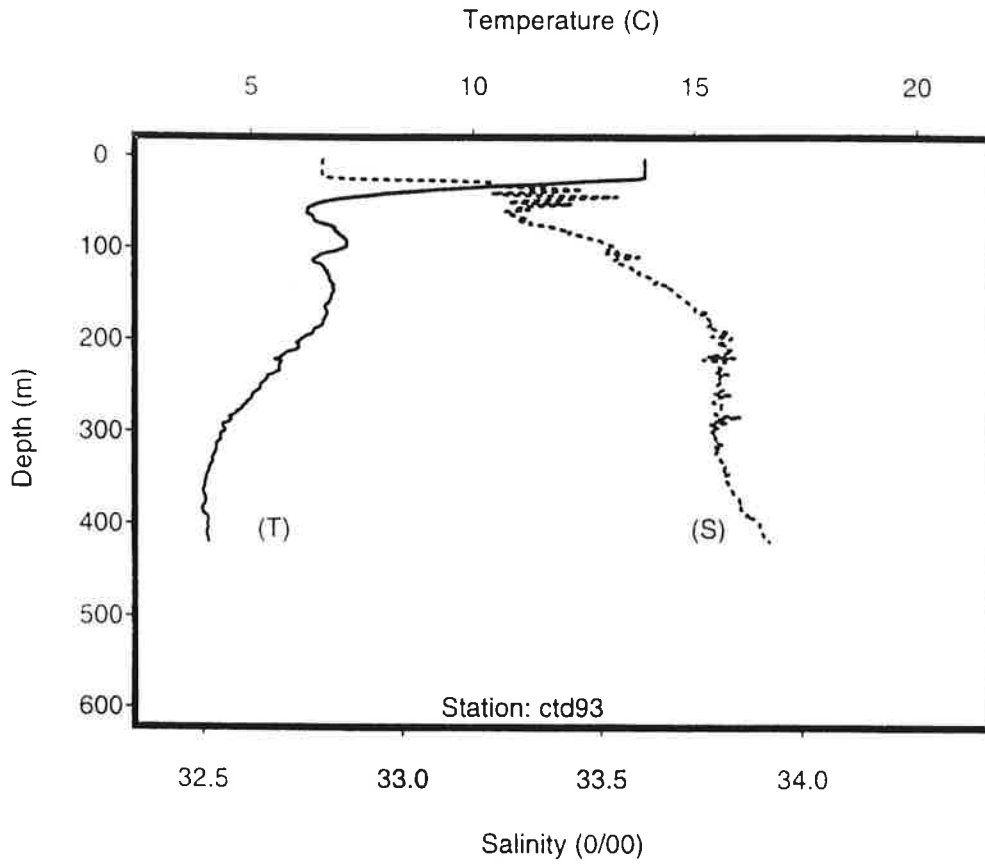
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.441	32.722	24.346
2	14.441	32.722	24.346
4	14.441	32.722	24.346
6	14.441	32.722	24.346
8	14.207	32.760	24.420
10	13.974	32.799	24.495
12	13.741	32.837	24.569
14	13.508	32.875	24.643
16	13.275	32.913	24.717
18	13.010	32.955	24.799
20	12.718	32.999	24.888
22	12.398	33.046	24.984
24	12.055	33.094	25.084
26	11.691	33.143	25.188
28	11.312	33.192	25.295
30	10.926	33.239	25.400
35	9.964	33.349	25.654
40	9.104	33.432	25.863
45	8.409	33.474	26.008
50	7.867	33.488	26.102
60	7.182	33.472	26.189
70	6.933	33.466	26.219
80	6.876	33.484	26.241
90	6.761	33.510	26.278
100	6.685	33.553	26.321
120	6.940	33.686	26.392
140	7.009	33.772	26.450
160	6.692	33.795	26.511
180	6.312	33.804	26.568
200	5.995	33.831	26.629
225	5.531	33.838	26.692
250	5.064	33.819	26.732
275	4.675	33.805	26.764
300	4.521	33.823	26.795
325	4.284	33.839	26.833
350	4.198	33.869	26.866
375	4.199	33.905	26.895
400	4.063	33.925	26.925



Station: ctd93

Month	Day	Year	Time	Latitude	Longitude
8	9	91	625	43.667 N	176.5068 E

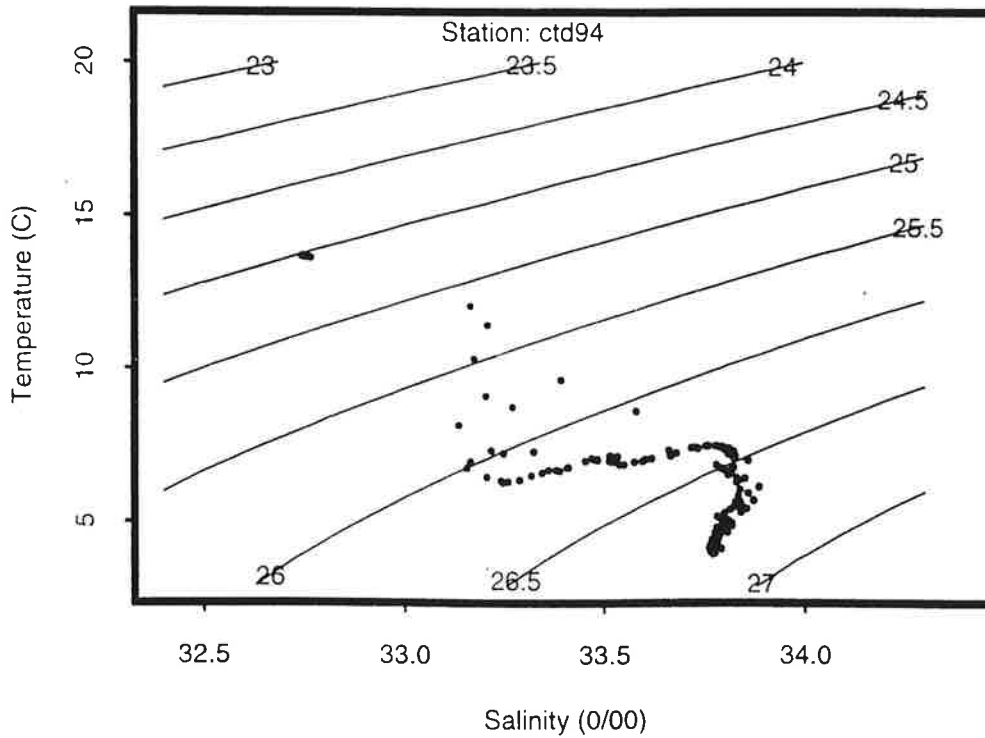
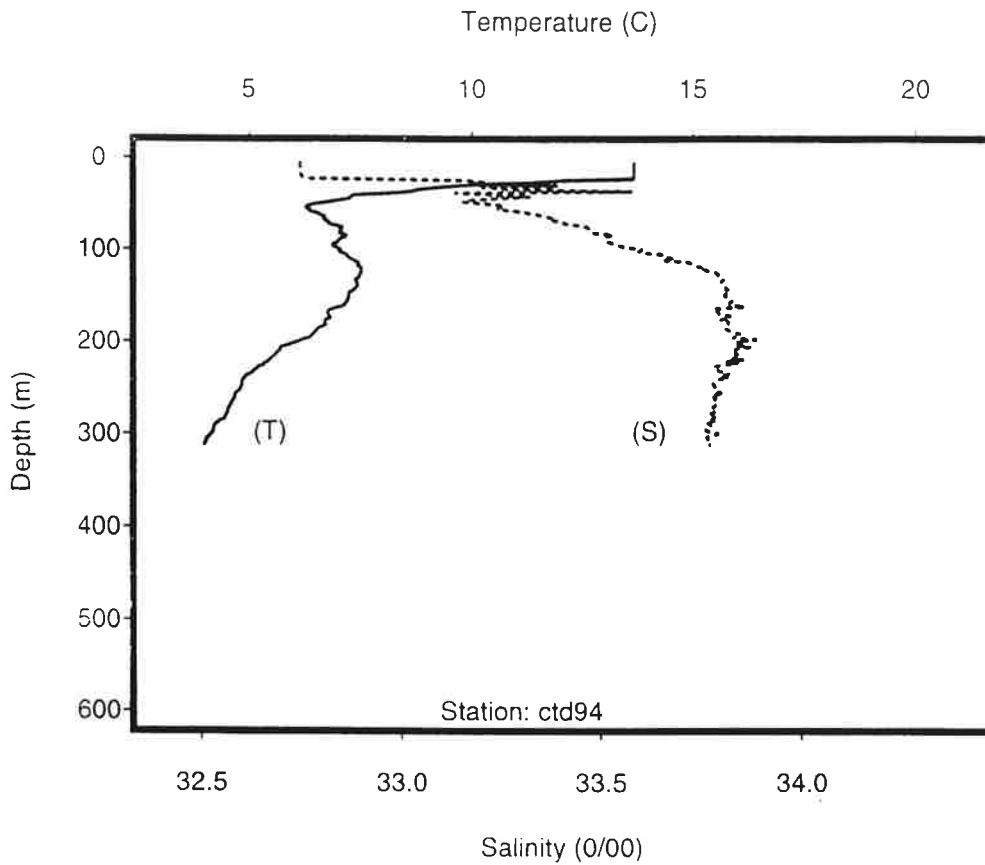
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.144	32.753	24.426
2	14.144	32.753	24.426
4	14.144	32.753	24.426
6	14.041	32.773	24.461
8	13.938	32.792	24.496
10	13.835	32.812	24.531
12	13.732	32.832	24.566
14	13.629	32.851	24.601
16	13.481	32.875	24.647
18	13.292	32.904	24.705
20	13.054	32.936	24.774
22	12.767	32.971	24.854
24	12.426	33.013	24.948
26	12.031	33.059	25.055
28	11.594	33.104	25.168
30	11.126	33.146	25.283
35	9.895	33.240	25.566
40	8.721	33.303	25.809
45	7.755	33.335	25.988
50	7.068	33.335	26.092
60	6.494	33.315	26.158
70	6.554	33.331	26.163
80	6.822	33.394	26.177
90	6.987	33.465	26.211
100	6.894	33.516	26.264
120	6.619	33.573	26.345
140	6.796	33.651	26.384
160	6.744	33.719	26.444
180	6.579	33.770	26.507
200	6.172	33.804	26.586
225	5.659	33.799	26.645
250	5.226	33.796	26.695
275	4.745	33.794	26.747
300	4.352	33.786	26.782
325	4.150	33.793	26.812
350	3.979	33.813	26.844
375	3.923	33.841	26.872
400	3.984	33.886	26.902



Station: ctd94

Month	Day	Year	Time	Latitude	Longitude
8	9	91	1109	43.9965 N	176.5052 E

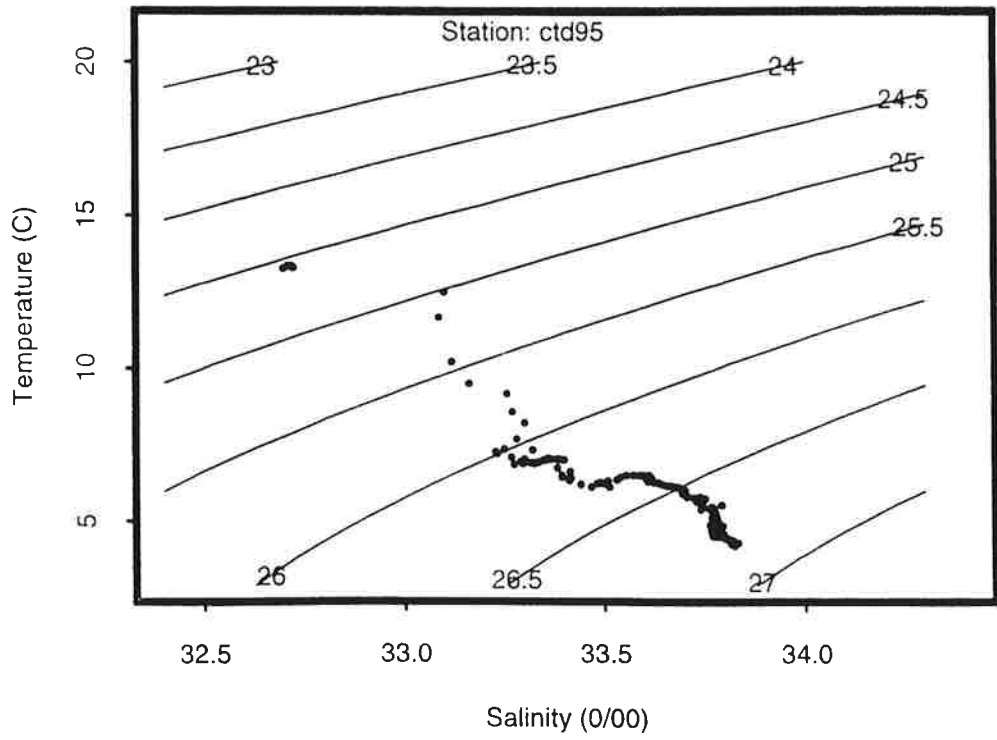
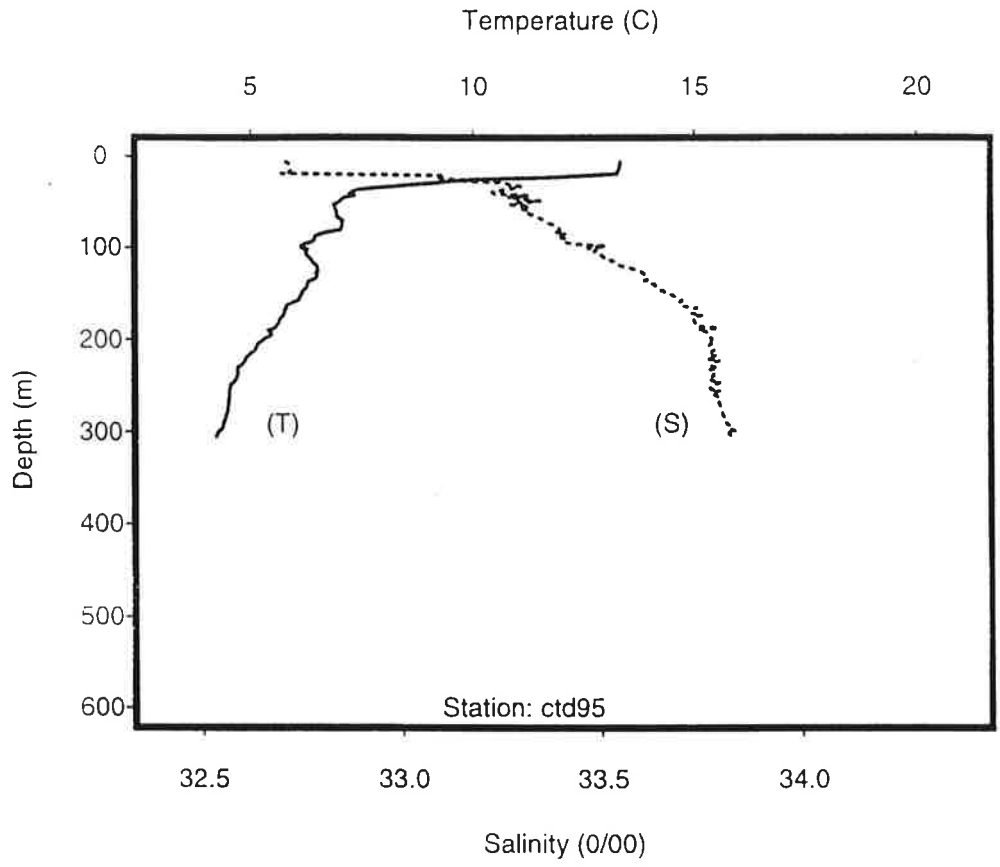
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.944	32.699	24.426
2	13.944	32.699	24.426
4	13.944	32.699	24.426
6	13.944	32.699	24.426
8	13.802	32.726	24.473
10	13.659	32.752	24.521
12	13.516	32.779	24.569
14	13.374	32.805	24.616
16	13.177	32.835	24.676
18	12.919	32.872	24.752
20	12.600	32.919	24.847
22	12.213	32.970	24.957
24	11.748	33.026	25.085
26	11.245	33.080	25.216
28	10.717	33.128	25.346
30	10.189	33.171	25.470
35	8.956	33.240	25.730
40	7.920	33.257	25.908
45	7.231	33.248	26.003
50	6.791	33.249	26.066
60	6.563	33.312	26.147
70	6.786	33.405	26.191
80	6.985	33.477	26.221
90	7.012	33.531	26.260
100	7.056	33.595	26.305
120	7.414	33.745	26.373
140	7.343	33.809	26.433
160	7.034	33.816	26.482
180	6.647	33.817	26.535
200	6.056	33.844	26.632
225	5.284	33.815	26.703
250	4.764	33.789	26.740
275	4.474	33.779	26.768
300	4.100	33.772	26.799



Station: ctd95

Month	Day	Year	Time	Latitude	Longitude
8	9	91	1430	44.3223 N	176.4815 E

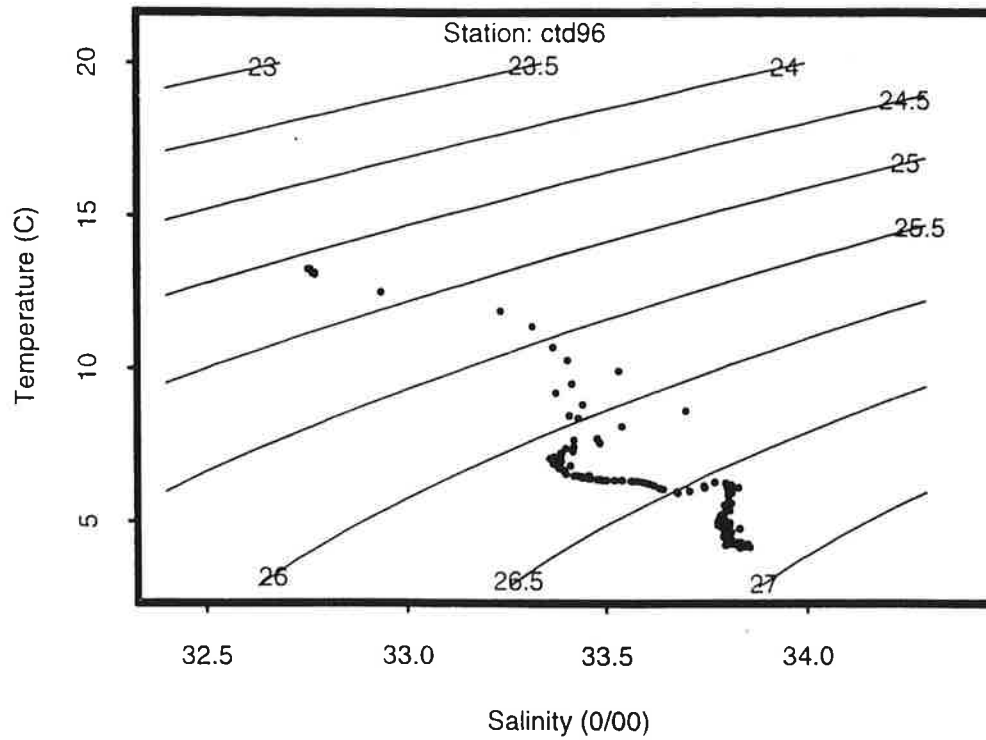
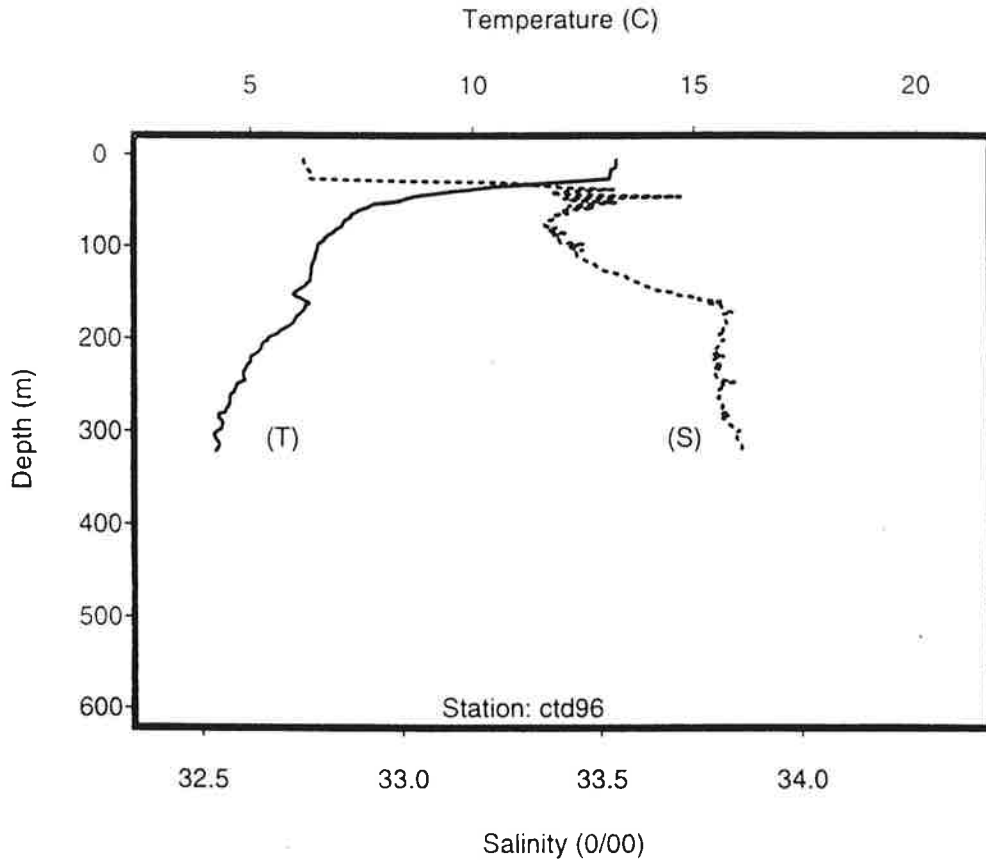
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.905	32.617	24.376
2	13.905	32.617	24.376
4	13.905	32.617	24.376
6	13.905	32.617	24.376
8	13.618	32.664	24.466
10	13.331	32.712	24.556
12	13.045	32.760	24.645
14	12.758	32.807	24.735
16	12.432	32.858	24.834
18	12.054	32.910	24.942
20	11.620	32.964	25.061
22	11.139	33.015	25.185
24	10.619	33.063	25.313
26	10.102	33.109	25.437
28	9.603	33.150	25.553
30	9.128	33.186	25.660
35	8.139	33.245	25.866
40	7.508	33.271	25.984
45	7.188	33.287	26.043
50	7.024	33.297	26.075
60	6.948	33.323	26.105
70	6.972	33.357	26.129
80	6.811	33.388	26.174
90	6.474	33.421	26.245
100	6.278	33.468	26.307
120	6.430	33.558	26.358
140	6.284	33.632	26.436
160	5.935	33.699	26.533
180	5.626	33.739	26.602
200	5.284	33.768	26.666
225	4.827	33.775	26.723
250	4.569	33.778	26.754
275	4.453	33.797	26.782
300	4.269	33.819	26.819



Station: ctd96

Month	Day	Year	Time	Latitude	Longitude
8	9	91	1931	44.667 N	176.497 E

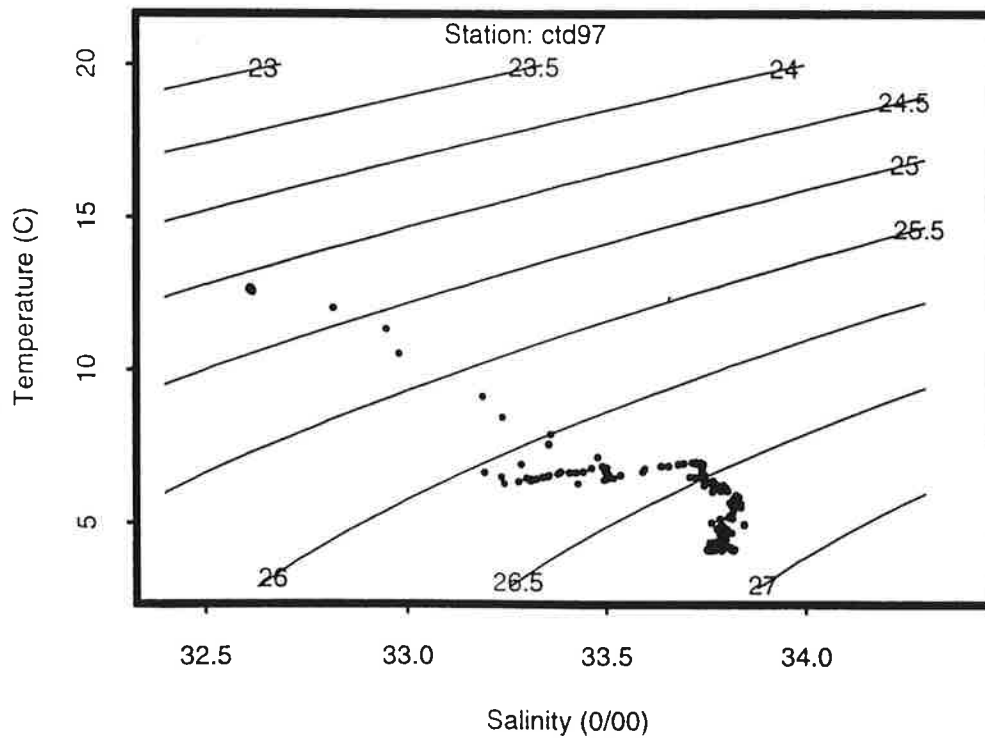
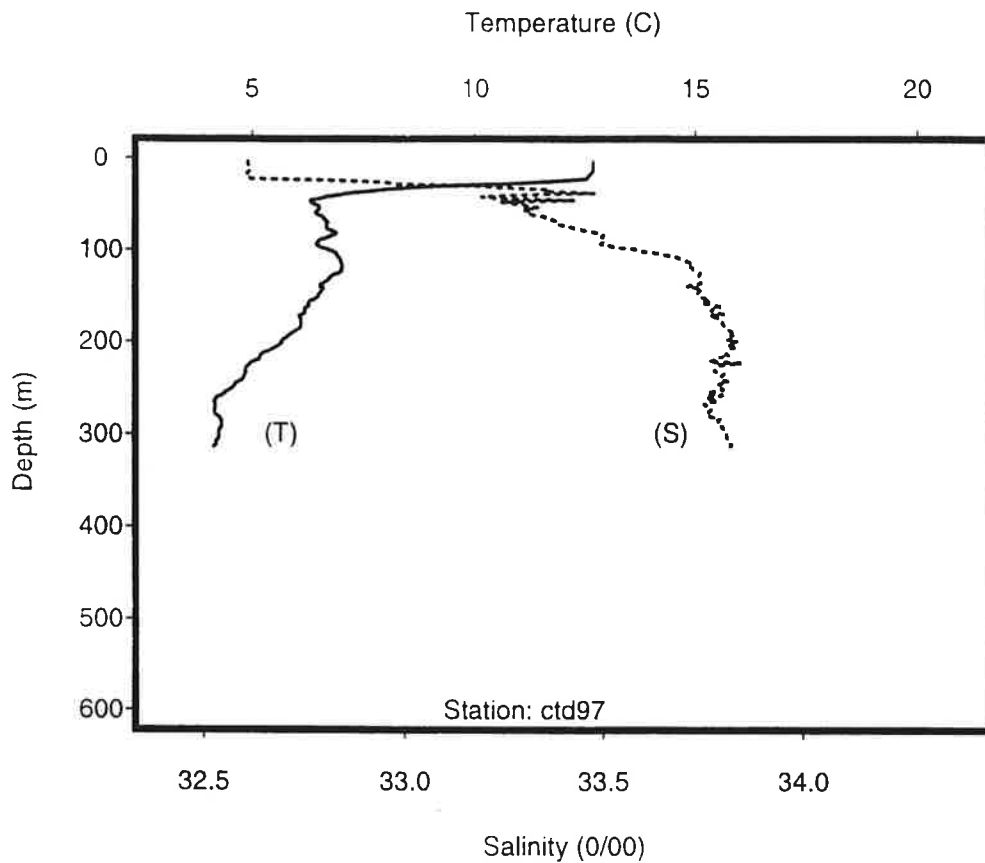
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.312	32.742	24.584
2	13.312	32.742	24.584
4	13.312	32.742	24.584
6	13.312	32.742	24.584
8	13.277	32.750	24.596
10	13.242	32.757	24.609
12	13.207	32.764	24.621
14	13.172	32.772	24.634
16	13.110	32.788	24.658
18	13.021	32.811	24.693
20	12.898	32.842	24.740
22	12.739	32.882	24.801
24	12.537	32.930	24.876
26	12.288	32.985	24.965
28	11.989	33.049	25.069
30	11.651	33.120	25.185
35	10.721	33.276	25.472
40	9.793	33.392	25.722
45	8.993	33.455	25.904
50	8.379	33.466	26.010
60	7.593	33.434	26.102
70	7.204	33.390	26.123
80	6.964	33.380	26.148
90	6.730	33.398	26.193
100	6.550	33.425	26.238
120	6.392	33.486	26.307
140	6.226	33.601	26.419
160	6.156	33.756	26.550
180	5.969	33.808	26.615
200	5.442	33.799	26.671
225	4.984	33.788	26.716
250	4.720	33.800	26.754
275	4.442	33.802	26.788
300	4.265	33.831	26.829



Station: ctd97

Month	Day	Year	Time	Latitude	Longitude
8	9	91	2257	45.0005 N	176.505 E

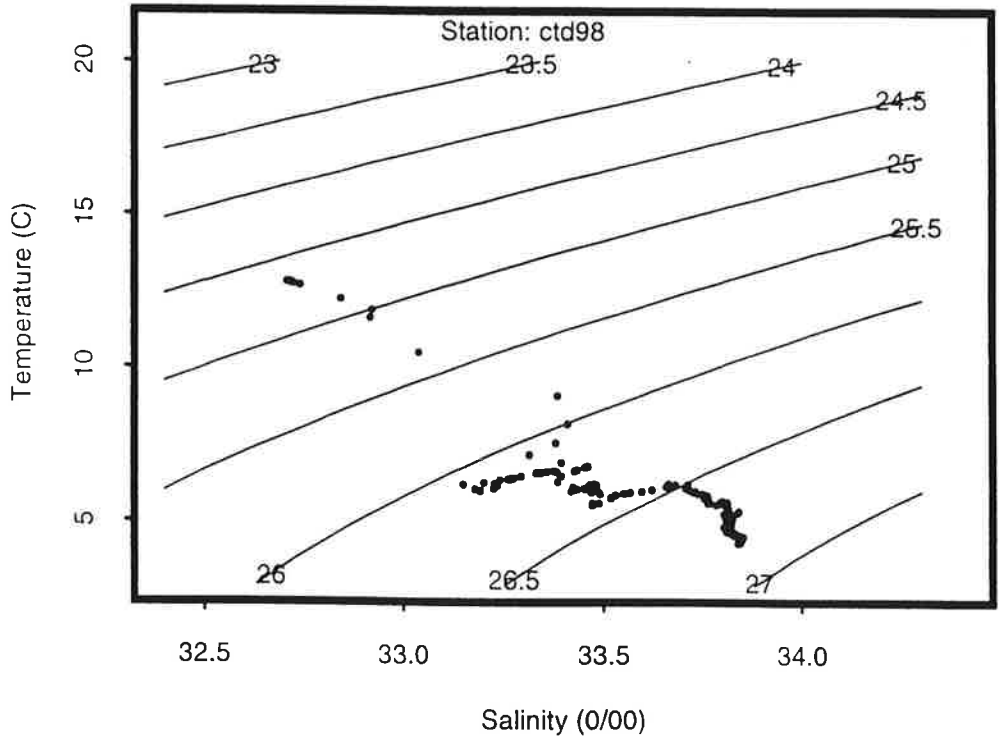
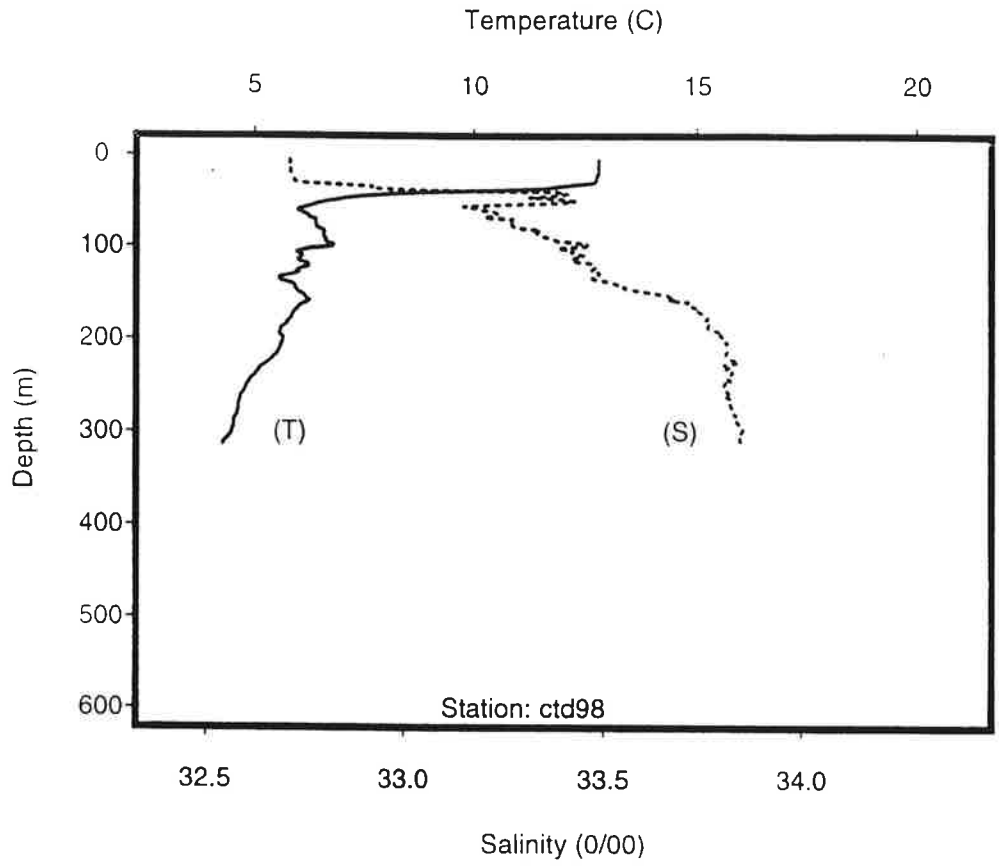
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	12.791	32.589	24.567
2	12.791	32.589	24.567
4	12.791	32.589	24.567
6	12.739	32.599	24.586
8	12.687	32.610	24.604
10	12.634	32.621	24.622
12	12.582	32.632	24.640
14	12.481	32.651	24.673
16	12.329	32.677	24.721
18	12.121	32.713	24.785
20	11.852	32.757	24.867
22	11.517	32.813	24.967
24	11.114	32.876	25.086
26	10.653	32.942	25.214
28	10.149	33.007	25.349
30	9.618	33.073	25.488
35	8.369	33.206	25.792
40	7.382	33.280	26.003
45	6.791	33.305	26.109
50	6.531	33.309	26.149
60	6.491	33.334	26.174
70	6.621	33.388	26.200
80	6.678	33.454	26.244
90	6.619	33.510	26.296
100	6.692	33.584	26.345
120	6.917	33.719	26.421
140	6.570	33.737	26.482
160	6.256	33.768	26.547
180	6.037	33.799	26.599
200	5.646	33.820	26.662
225	4.977	33.795	26.721
250	4.520	33.788	26.765
275	4.179	33.769	26.789
300	4.231	33.806	26.812



Station: ctd98

Month	Day	Year	Time	Latitude	Longitude
8	10	91	158	45.001 N	177.0123 E

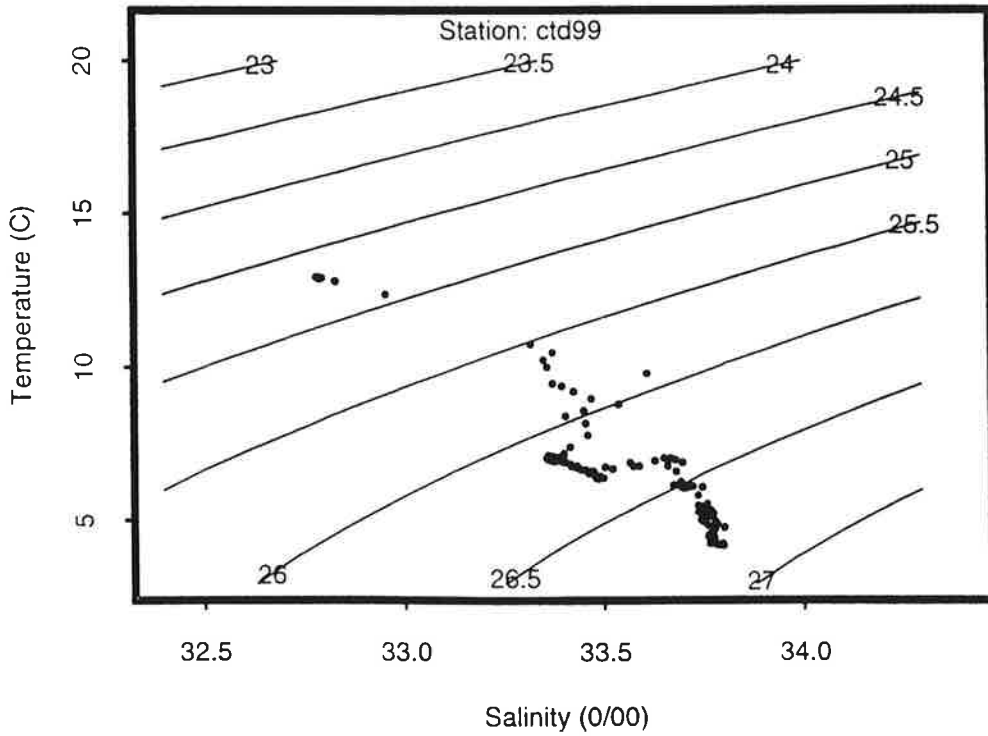
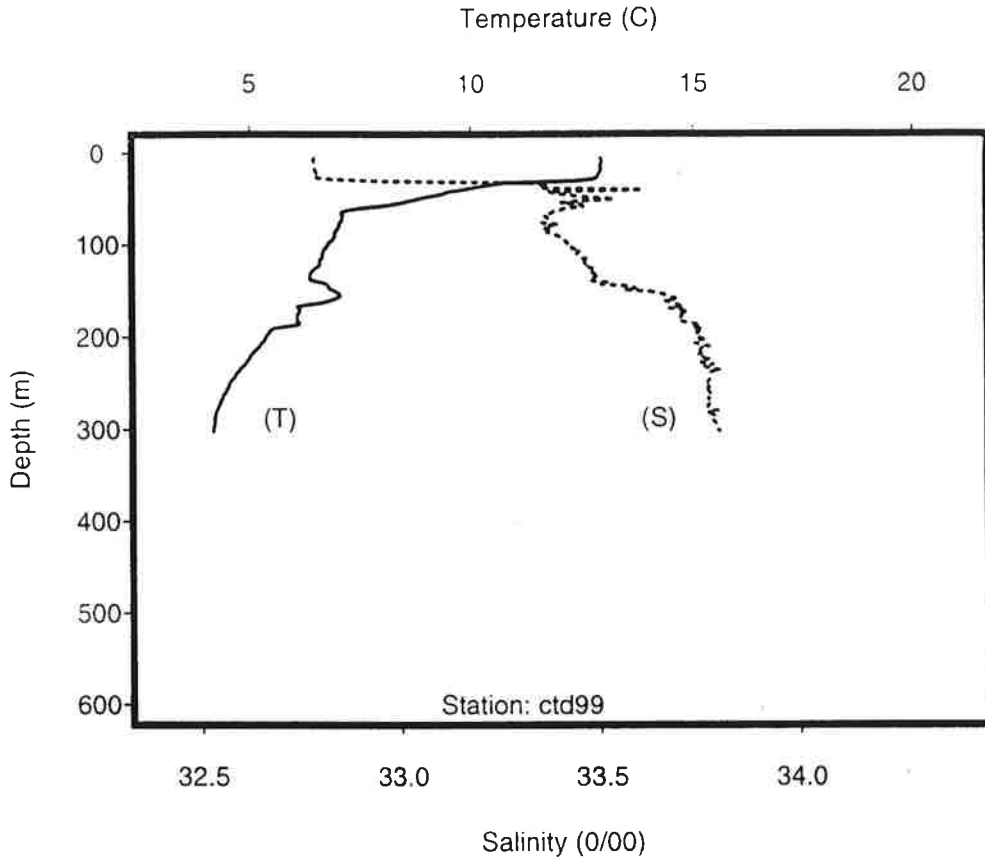
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	12.803	32.708	24.657
2	12.803	32.708	24.657
4	12.803	32.708	24.657
6	12.803	32.708	24.657
8	12.798	32.709	24.659
10	12.793	32.710	24.660
12	12.789	32.711	24.662
14	12.784	32.712	24.664
16	12.772	32.715	24.668
18	12.750	32.720	24.676
20	12.713	32.727	24.689
22	12.647	32.739	24.710
24	12.536	32.758	24.746
26	12.369	32.786	24.798
28	12.138	32.823	24.866
30	11.839	32.866	24.952
35	10.796	33.004	25.237
40	9.453	33.155	25.576
45	8.139	33.254	25.862
50	7.123	33.294	26.049
60	6.274	33.249	26.135
70	6.293	33.252	26.135
80	6.464	33.306	26.155
90	6.557	33.367	26.192
100	6.408	33.415	26.248
120	6.025	33.460	26.333
140	5.846	33.536	26.415
160	6.058	33.687	26.508
180	5.755	33.755	26.599
200	5.596	33.795	26.650
225	5.288	33.816	26.703
250	4.827	33.810	26.751
275	4.614	33.822	26.785
300	4.455	33.842	26.817



Station: ctd99

Month	Day	Year	Time	Latitude	Longitude
8	10	91	455	44.9982 N	177.4975 E

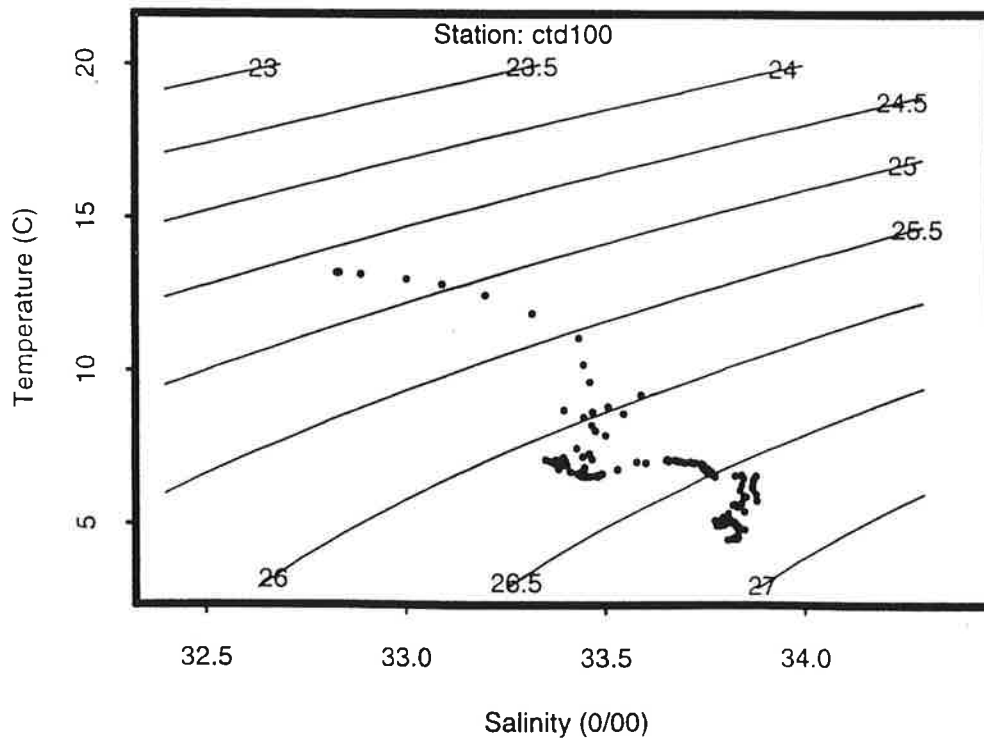
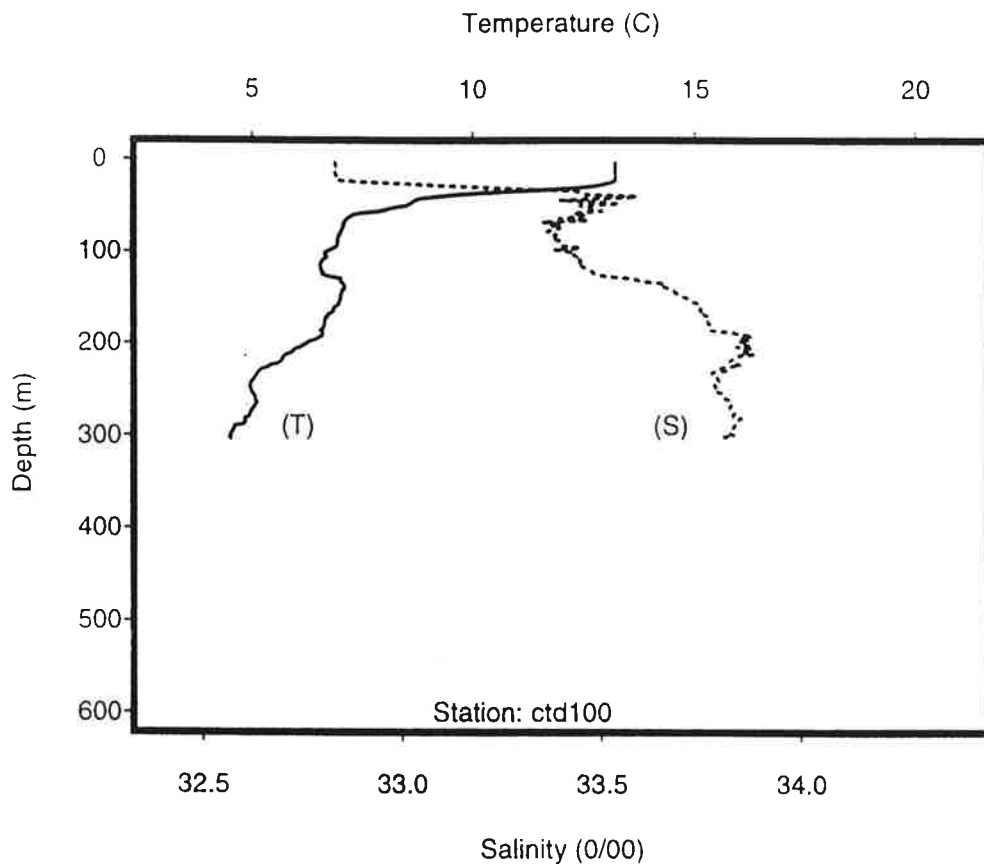
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	12.965	32.776	24.678
2	12.965	32.776	24.678
4	12.965	32.776	24.678
6	12.965	32.776	24.678
8	12.954	32.779	24.682
10	12.944	32.782	24.686
12	12.933	32.784	24.691
14	12.922	32.787	24.695
16	12.882	32.797	24.710
18	12.813	32.814	24.736
20	12.710	32.838	24.774
22	12.571	32.869	24.824
24	12.393	32.910	24.888
26	12.175	32.958	24.965
28	11.914	33.014	25.056
30	11.611	33.076	25.159
35	10.773	33.233	25.432
40	9.987	33.356	25.664
45	9.293	33.422	25.832
50	8.704	33.444	25.943
60	7.694	33.418	26.073
70	7.134	33.382	26.126
80	6.978	33.377	26.143
90	6.876	33.396	26.173
100	6.749	33.425	26.212
120	6.529	33.467	26.274
140	6.611	33.531	26.314
160	6.595	33.670	26.425
180	5.980	33.710	26.536
200	5.372	33.744	26.636
225	4.933	33.759	26.699
250	4.538	33.768	26.750
275	4.273	33.771	26.780
300	4.158	33.792	26.810



Station: ctd100

Month	Day	Year	Time	Latitude	Longitude
8	10	91	1006	44.6628 N	177.5005 E

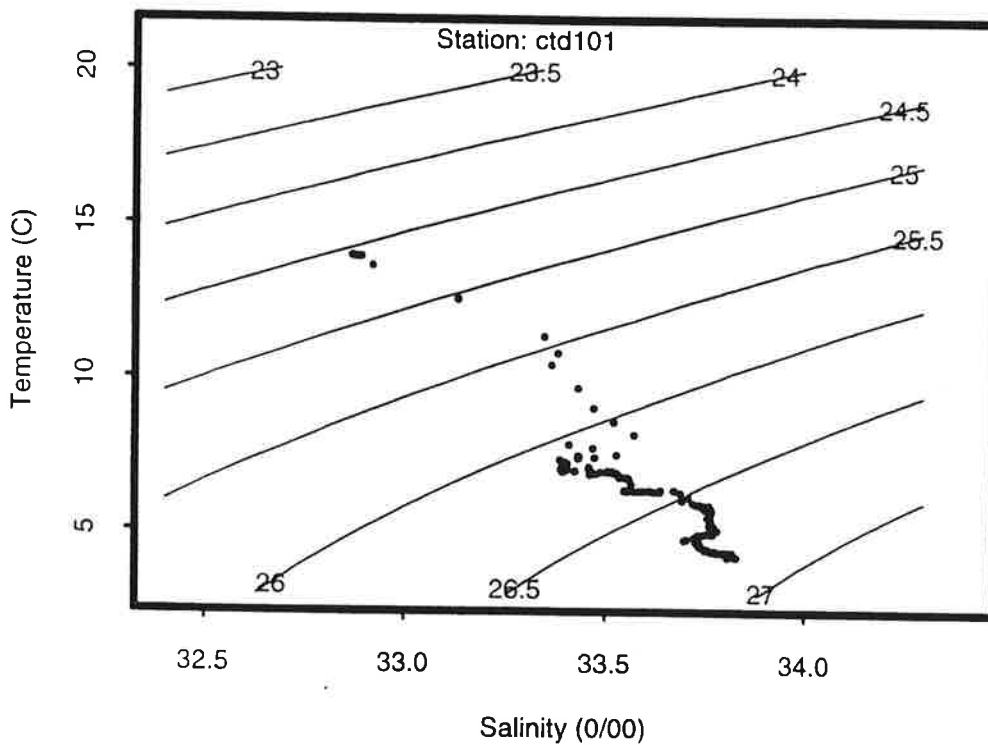
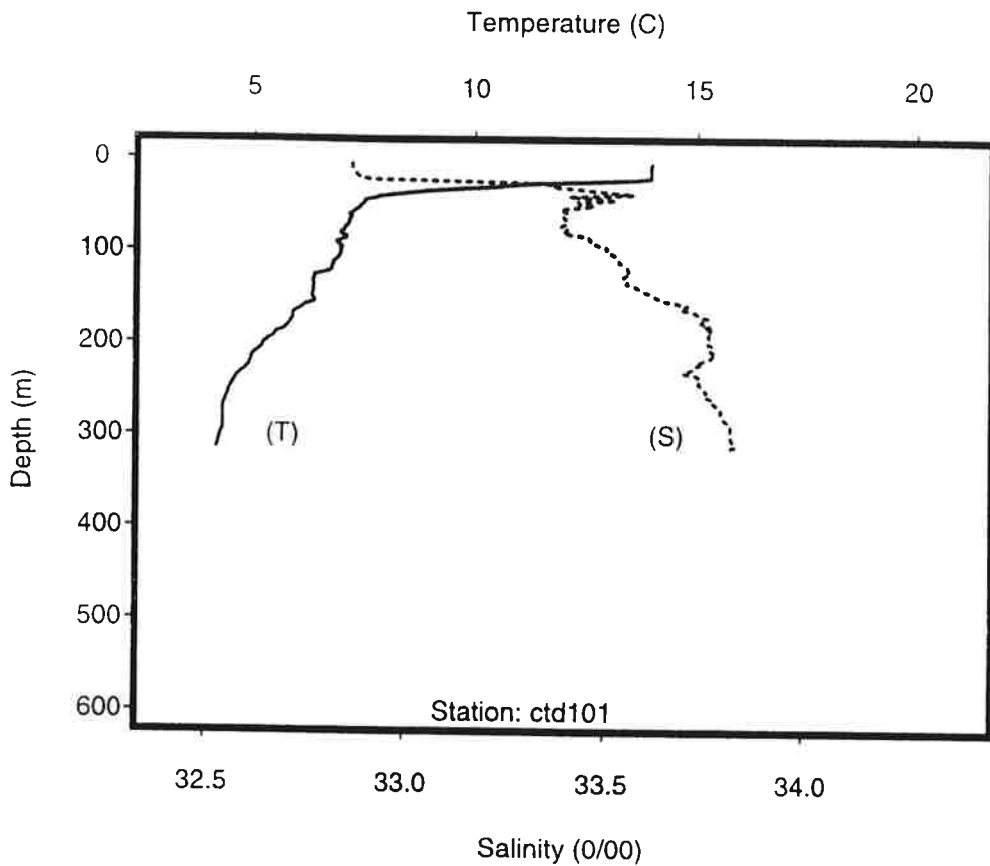
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.228	32.819	24.660
2	13.228	32.819	24.660
4	13.228	32.819	24.660
6	13.221	32.825	24.665
8	13.215	32.830	24.670
10	13.208	32.835	24.676
12	13.201	32.841	24.681
14	13.183	32.852	24.693
16	13.149	32.868	24.713
18	13.088	32.893	24.744
20	12.989	32.925	24.787
22	12.846	32.964	24.844
24	12.654	33.013	24.918
26	12.408	33.069	25.006
28	12.113	33.127	25.105
30	11.771	33.187	25.214
35	10.778	33.326	25.498
40	9.788	33.424	25.747
45	8.976	33.466	25.915
50	8.363	33.474	26.019
60	7.549	33.443	26.115
70	7.122	33.403	26.144
80	6.993	33.386	26.149
90	6.891	33.397	26.171
100	6.737	33.420	26.210
120	6.633	33.484	26.273
140	7.011	33.657	26.360
160	6.866	33.738	26.443
180	6.613	33.780	26.510
200	6.219	33.853	26.619
225	5.388	33.815	26.690
250	4.993	33.791	26.718
275	4.940	33.824	26.752
300	4.512	33.833	26.793



Station: ctd101

Month	Day	Year	Time	Latitude	Longitude
8	10	91	1300	44.3283 N	177.4998 E

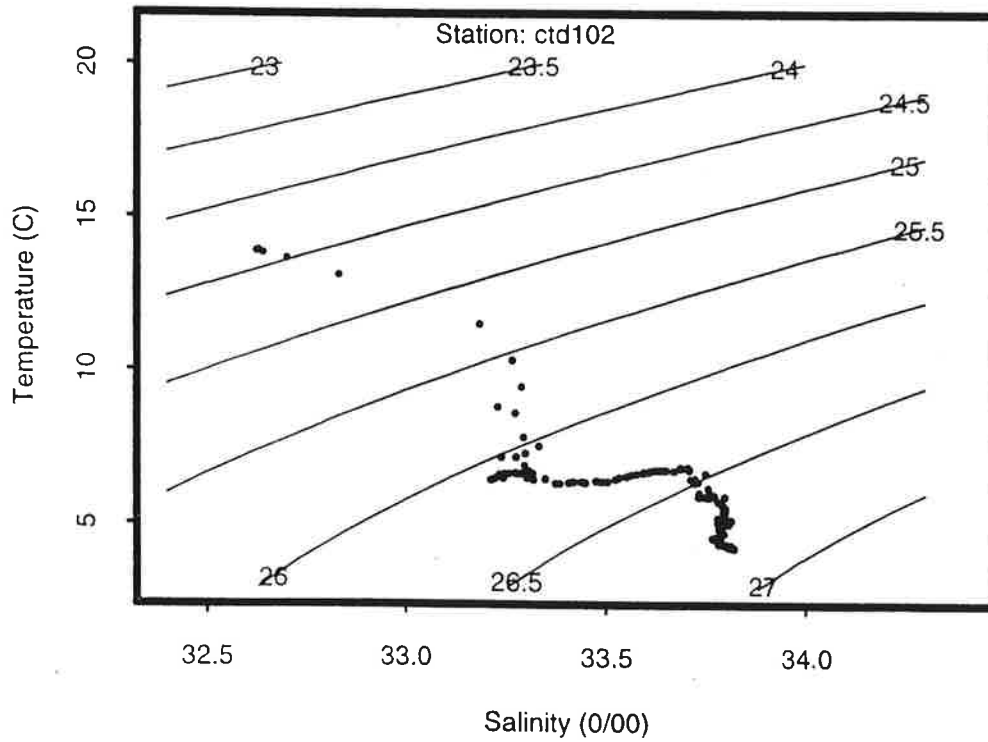
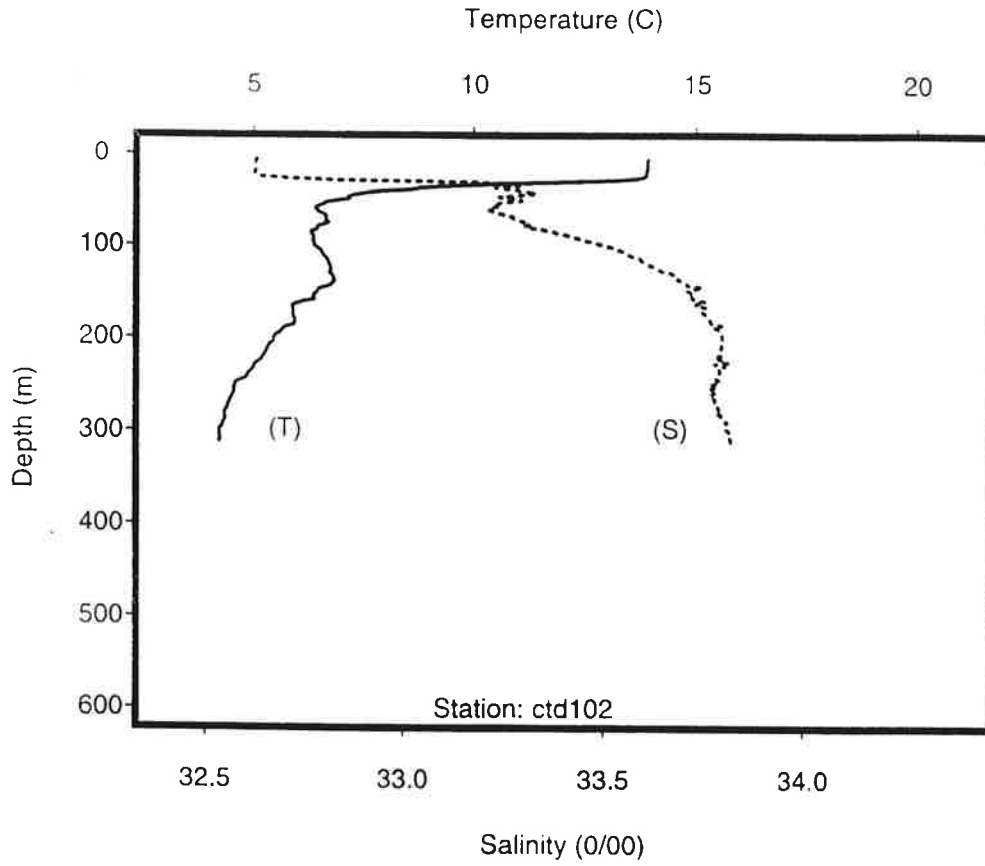
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.230	32.820	24.459
2	14.230	32.820	24.459
4	14.230	32.820	24.459
6	14.230	32.820	24.459
8	14.082	32.846	24.508
10	13.935	32.872	24.557
12	13.787	32.898	24.606
14	13.640	32.924	24.655
16	13.445	32.955	24.716
18	13.193	32.993	24.793
20	12.878	33.038	24.887
22	12.494	33.091	24.999
24	12.042	33.149	25.127
26	11.548	33.208	25.262
28	11.039	33.264	25.396
30	10.527	33.314	25.525
35	9.322	33.411	25.807
40	8.382	33.457	25.998
45	7.816	33.457	26.087
50	7.495	33.442	26.123
60	7.240	33.409	26.133
70	7.117	33.403	26.145
80	7.028	33.425	26.175
90	6.971	33.469	26.217
100	6.930	33.508	26.253
120	6.641	33.551	26.326
140	6.331	33.590	26.397
160	6.094	33.694	26.509
180	5.714	33.753	26.603
200	5.244	33.764	26.668
225	4.832	33.733	26.690
250	4.458	33.748	26.742
275	4.305	33.790	26.792
300	4.244	33.817	26.820



Station: ctd102

Month	Day	Year	Time	Latitude	Longitude
8	10	91	1602	44.0038 N	177.491 E

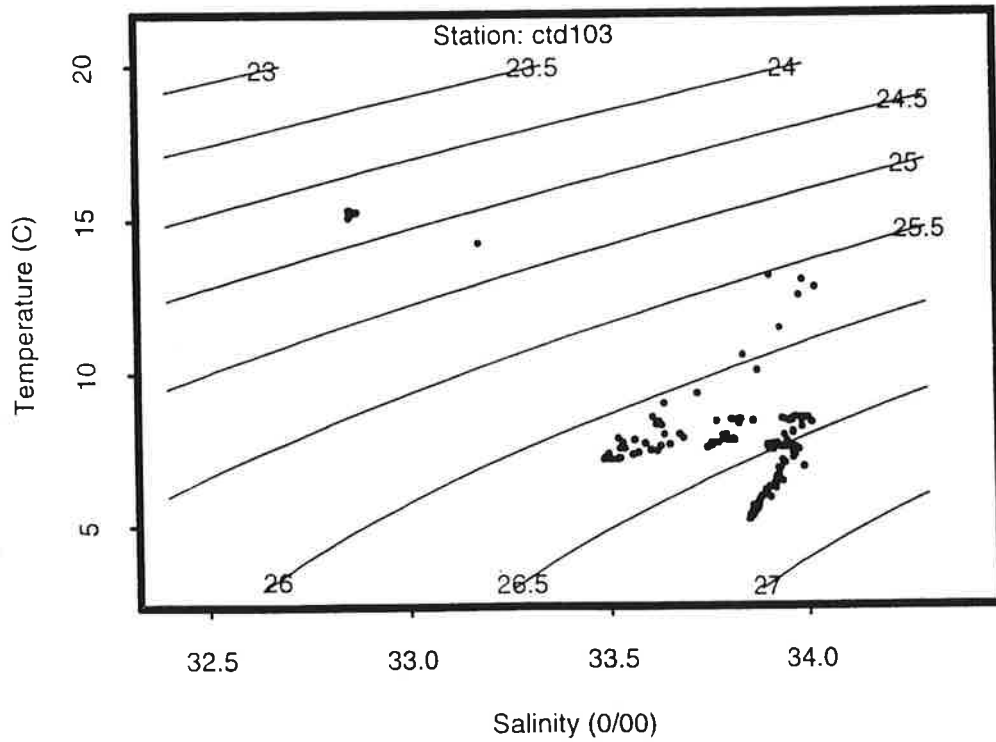
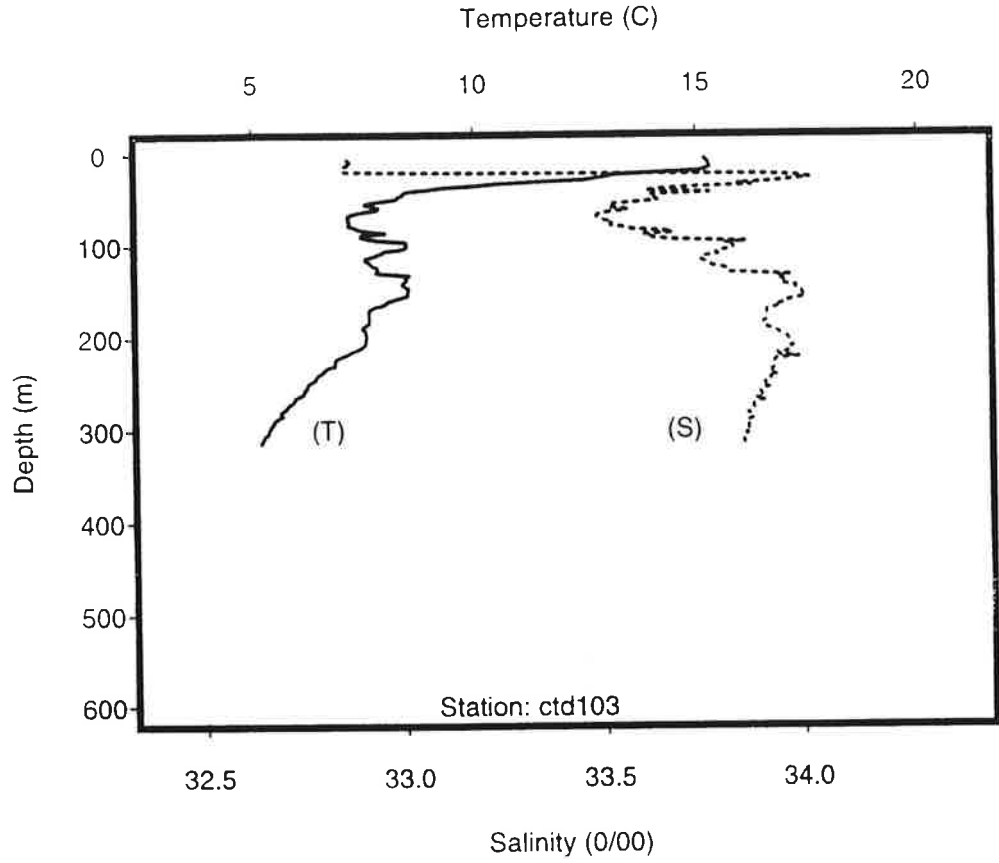
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.975	32.608	24.346
2	13.975	32.608	24.346
4	13.975	32.608	24.346
6	13.975	32.608	24.346
8	13.939	32.616	24.359
10	13.903	32.624	24.372
12	13.868	32.632	24.386
14	13.832	32.641	24.399
16	13.742	32.659	24.431
18	13.599	32.686	24.478
20	13.392	32.720	24.543
22	13.122	32.762	24.626
24	12.776	32.813	24.728
26	12.354	32.872	24.850
28	11.857	32.937	24.990
30	11.296	33.005	25.143
35	9.846	33.145	25.502
40	8.550	33.236	25.789
45	7.604	33.268	25.964
50	7.038	33.262	26.043
60	6.606	33.248	26.091
70	6.564	33.279	26.122
80	6.476	33.342	26.182
90	6.380	33.421	26.257
100	6.437	33.500	26.312
120	6.697	33.614	26.368
140	6.683	33.702	26.439
160	6.149	33.735	26.534
180	5.859	33.767	26.596
200	5.482	33.793	26.662
225	5.110	33.793	26.705
250	4.642	33.778	26.745
275	4.386	33.785	26.780
300	4.237	33.809	26.814



Station: ctd103

Month	Day	Year	Time	Latitude	Longitude
8	10	91	1923	43.647 N	177.635 E

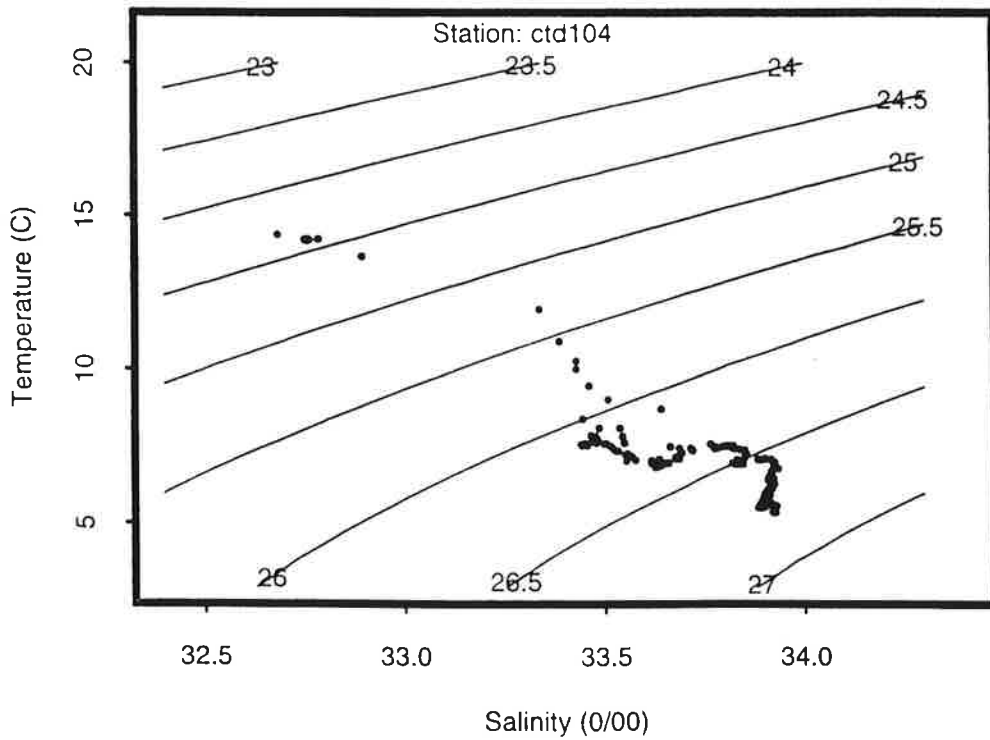
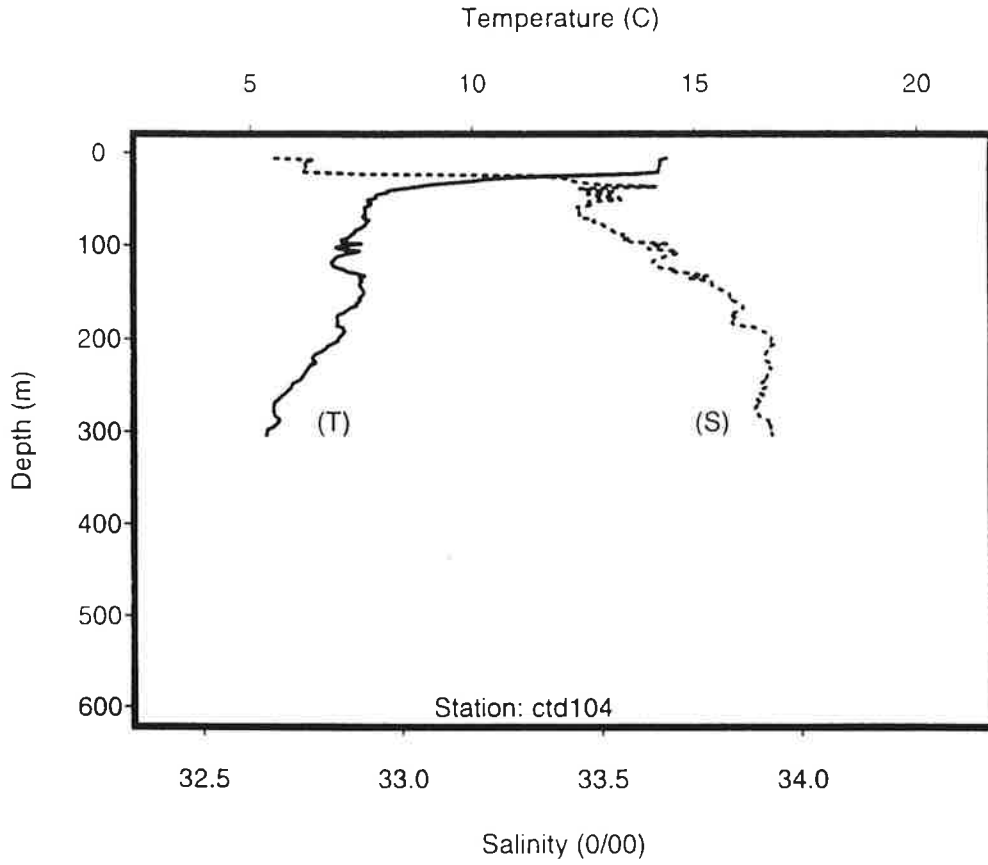
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.766	32.638	23.990
2	15.766	32.638	23.990
4	15.766	32.638	23.990
6	15.766	32.638	23.990
8	15.522	32.743	24.122
10	15.277	32.848	24.254
12	15.033	32.953	24.386
14	14.788	33.058	24.518
16	14.503	33.163	24.658
18	14.175	33.271	24.808
20	13.797	33.380	24.967
22	13.376	33.486	25.132
24	12.919	33.578	25.292
26	12.433	33.654	25.443
28	11.924	33.710	25.582
30	11.398	33.748	25.709
35	10.164	33.772	25.949
40	9.174	33.716	26.075
45	8.499	33.652	26.136
50	8.064	33.603	26.166
60	7.586	33.538	26.185
70	7.321	33.521	26.209
80	7.392	33.570	26.238
90	7.778	33.672	26.262
100	8.078	33.766	26.293
120	7.779	33.788	26.354
140	8.378	33.949	26.392
160	8.097	33.966	26.447
180	7.599	33.910	26.476
200	7.514	33.952	26.521
225	6.896	33.940	26.598
250	6.261	33.909	26.658
275	5.743	33.876	26.697
300	5.331	33.857	26.731



Station: ctd104

Month	Day	Year	Time	Latitude	Longitude
8	10	91	2234	43.6655 N	177.0012 E

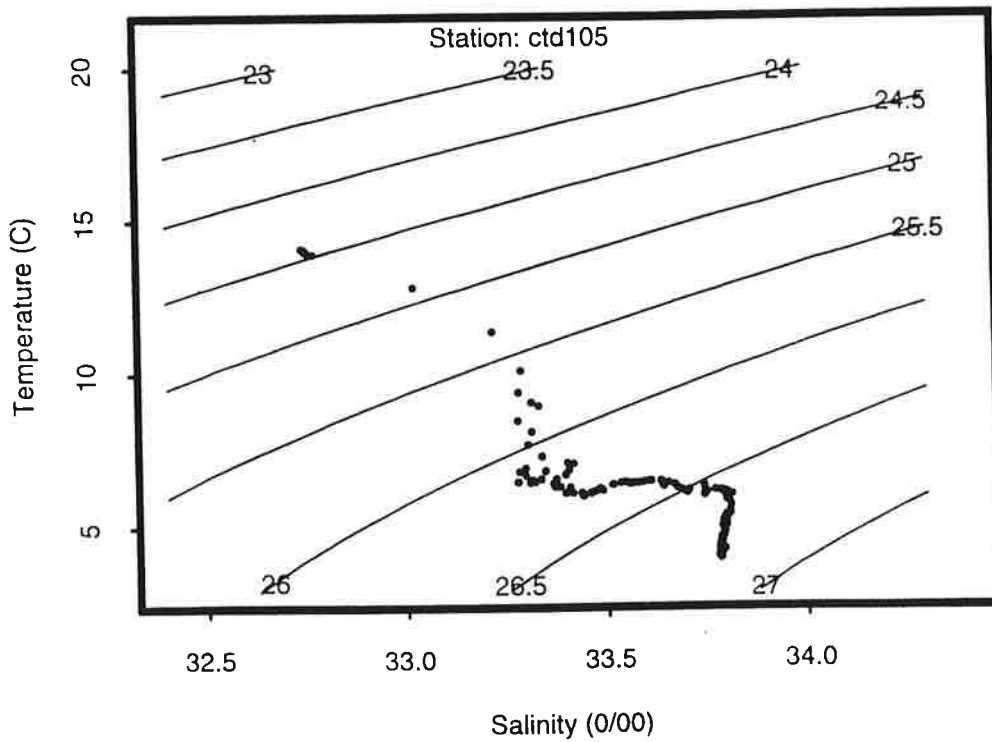
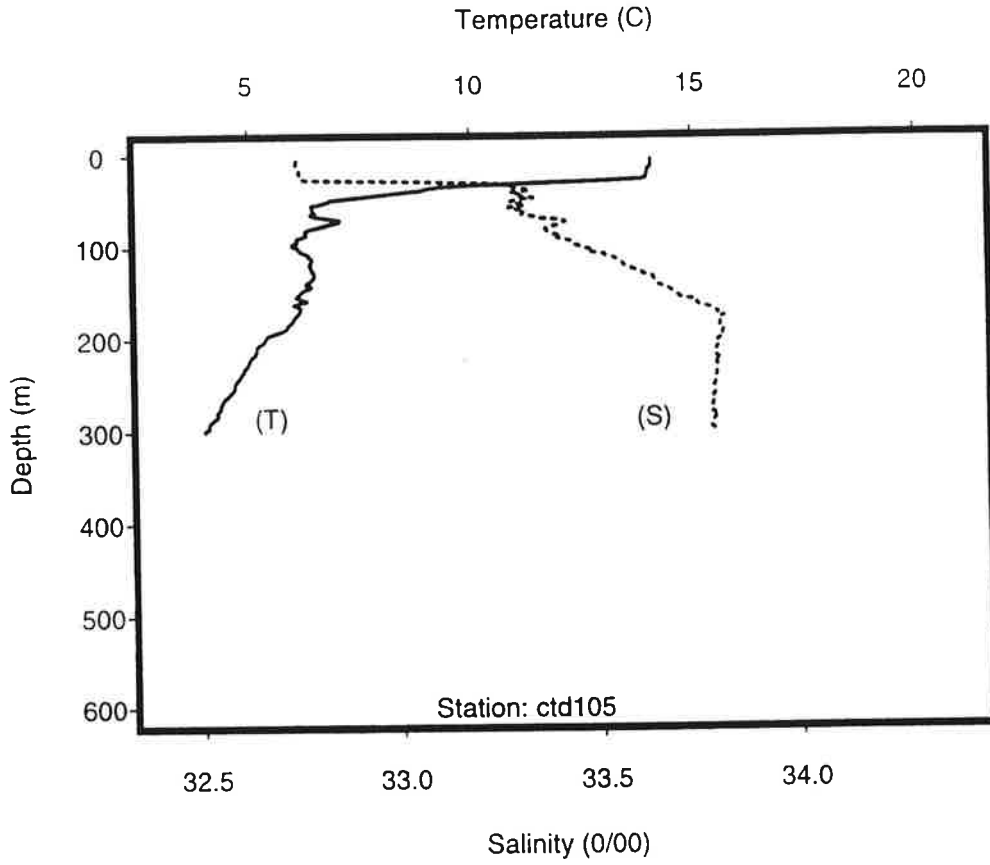
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.651	32.663	24.253
2	14.651	32.663	24.253
4	14.651	32.663	24.253
6	14.651	32.663	24.253
8	14.442	32.705	24.326
10	14.233	32.748	24.399
12	14.024	32.790	24.472
14	13.815	32.832	24.546
16	13.561	32.878	24.630
18	13.249	32.933	24.731
20	12.876	32.996	24.851
22	12.436	33.067	24.988
24	11.934	33.144	25.140
26	11.414	33.216	25.291
28	10.899	33.280	25.434
30	10.402	33.337	25.566
35	9.301	33.446	25.842
40	8.503	33.494	26.012
45	8.059	33.498	26.084
50	7.802	33.491	26.118
60	7.612	33.465	26.125
70	7.559	33.471	26.137
80	7.442	33.511	26.185
90	7.253	33.561	26.251
100	7.145	33.618	26.310
120	7.014	33.660	26.361
140	7.426	33.764	26.386
160	7.364	33.830	26.447
180	7.002	33.845	26.509
200	6.912	33.914	26.575
225	6.391	33.916	26.646
250	5.939	33.907	26.697
275	5.545	33.893	26.734
300	5.379	33.924	26.778



Station: ctd105

Month	Day	Year	Time	Latitude	Longitude
8	11	91	831	44.005 N	176.9962 E

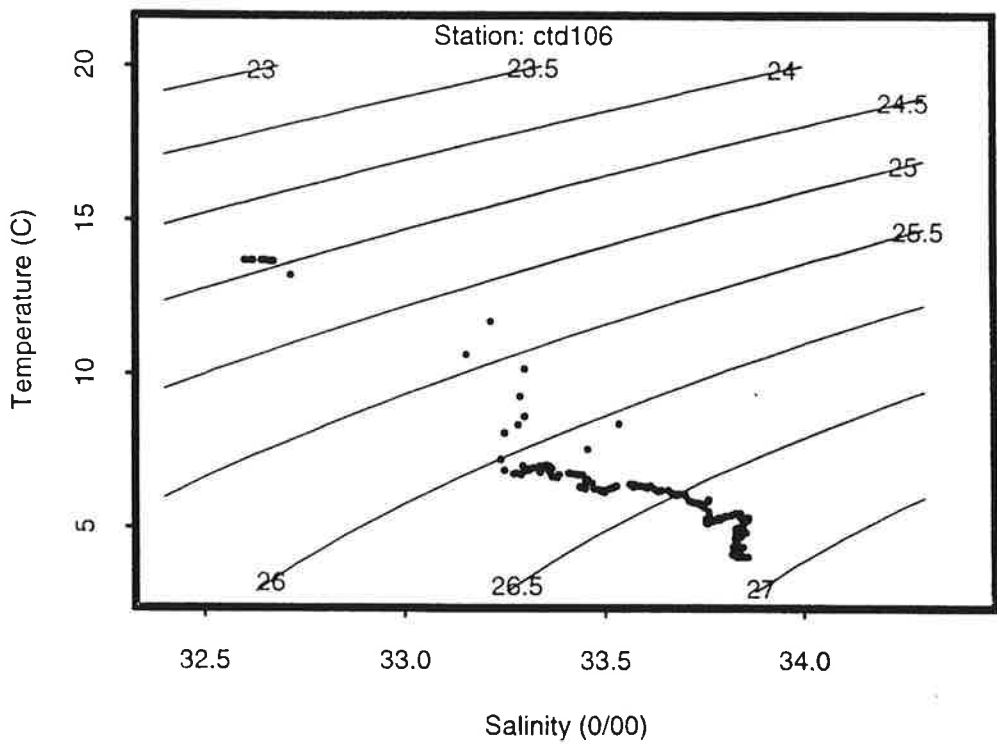
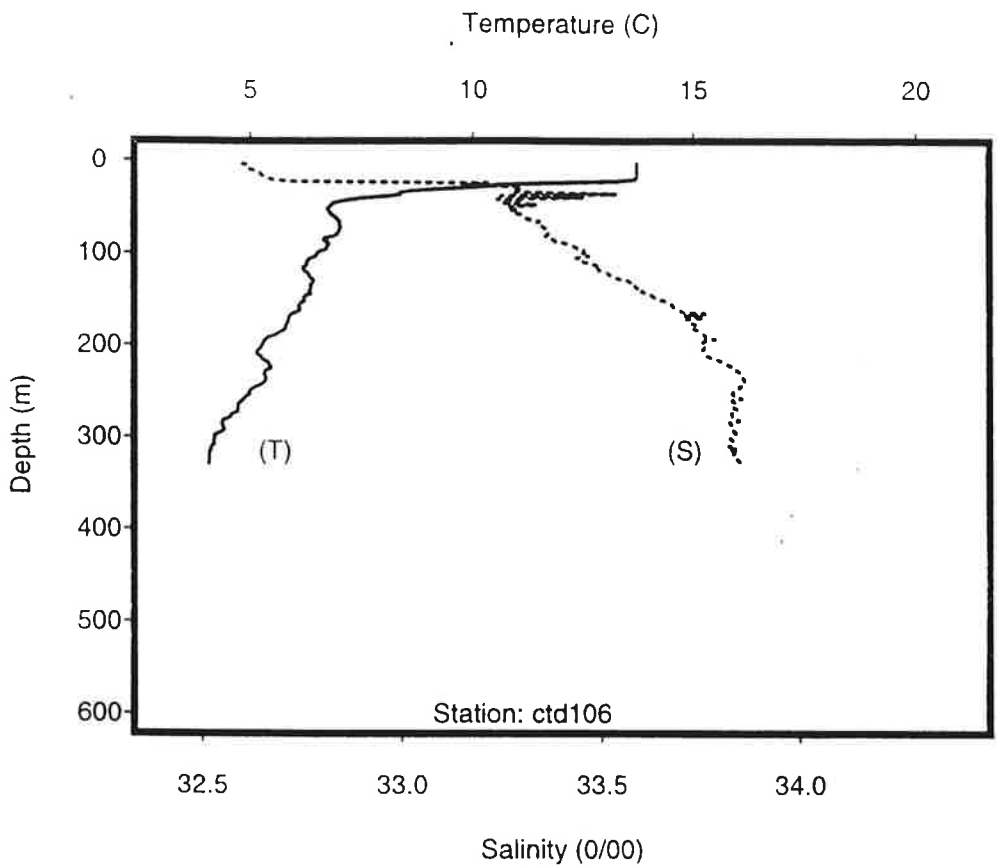
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.184	32.728	24.395
2	14.184	32.728	24.395
4	14.184	32.728	24.395
6	14.184	32.728	24.395
8	14.136	32.736	24.411
10	14.087	32.745	24.427
12	14.039	32.753	24.444
14	13.990	32.761	24.460
16	13.882	32.778	24.494
18	13.717	32.802	24.543
20	13.493	32.832	24.608
22	13.208	32.869	24.690
24	12.855	32.912	24.789
26	12.431	32.962	24.906
28	11.932	33.018	25.040
30	11.381	33.075	25.184
35	9.974	33.192	25.520
40	8.715	33.268	25.790
45	7.739	33.299	25.968
50	7.107	33.301	26.063
60	6.630	33.318	26.143
70	6.666	33.360	26.171
80	6.487	33.385	26.214
90	6.205	33.410	26.271
100	6.169	33.460	26.315
120	6.411	33.565	26.367
140	6.338	33.651	26.444
160	6.150	33.738	26.537
180	5.958	33.799	26.609
200	5.402	33.799	26.677
225	4.984	33.792	26.719
250	4.648	33.788	26.754
275	4.296	33.784	26.788
300	3.959	33.782	26.823



Station: ctd106

Month	Day	Year	Time	Latitude	Longitude
8	11	91	1153	44.3428 N	176.9908 E

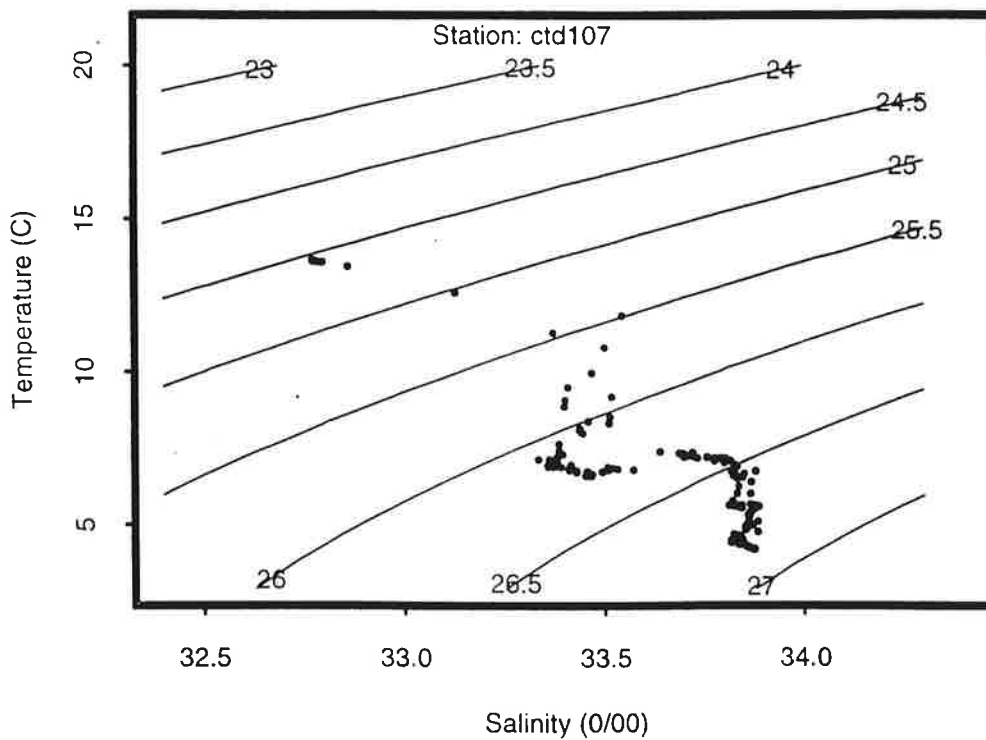
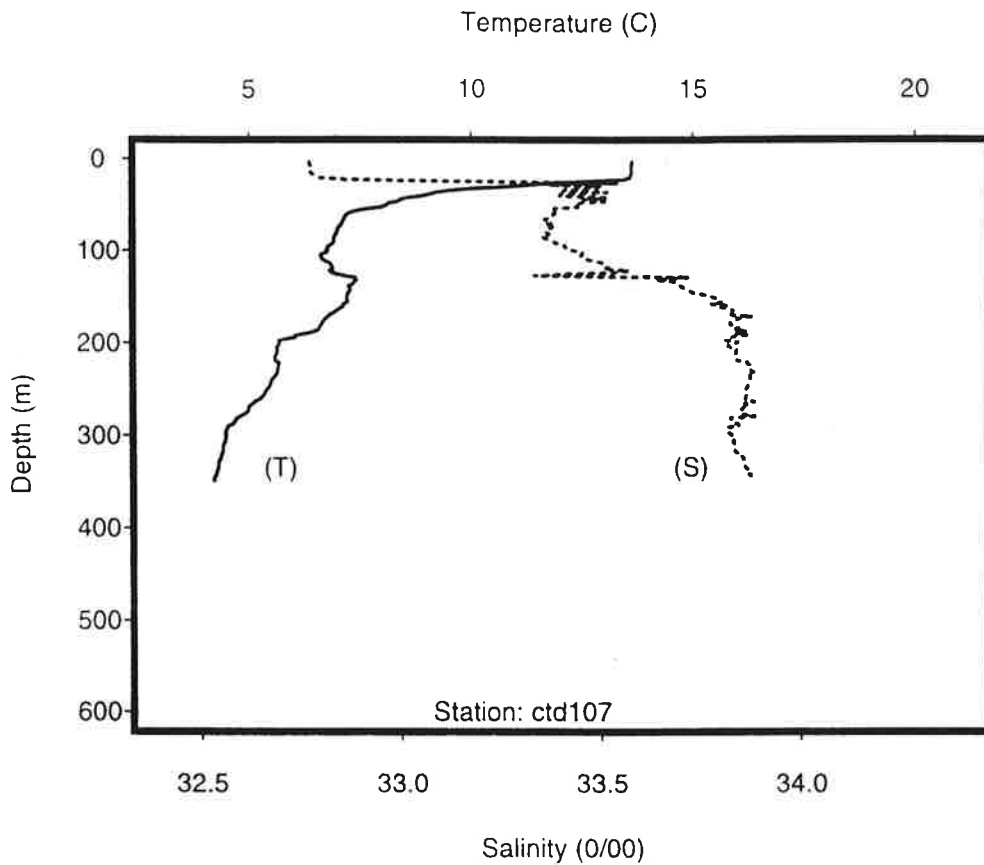
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.933	32.564	24.323
2	13.933	32.564	24.323
4	13.933	32.564	24.323
6	13.823	32.592	24.366
8	13.712	32.621	24.409
10	13.601	32.649	24.452
12	13.491	32.677	24.495
14	13.321	32.713	24.554
16	13.090	32.755	24.630
18	12.793	32.805	24.722
20	12.431	32.864	24.834
22	12.000	32.929	24.963
24	11.505	33.002	25.109
26	10.979	33.068	25.253
28	10.447	33.129	25.393
30	9.917	33.182	25.525
35	8.737	33.277	25.796
40	7.833	33.315	25.969
45	7.283	33.307	26.044
50	6.989	33.299	26.080
60	6.885	33.309	26.102
70	6.952	33.340	26.118
80	6.869	33.368	26.151
90	6.709	33.406	26.203
100	6.519	33.443	26.256
120	6.278	33.504	26.335
140	6.308	33.600	26.407
160	6.060	33.691	26.511
180	5.737	33.738	26.588
200	5.289	33.761	26.660
225	5.351	33.825	26.703
250	5.033	33.844	26.754
275	4.575	33.834	26.797
300	4.226	33.831	26.832
325	4.053	33.846	26.863



Station: ctd107

Month	Day	Year	Time	Latitude	Longitude
8	11	91	1539	44.6717 N	176.9837 E

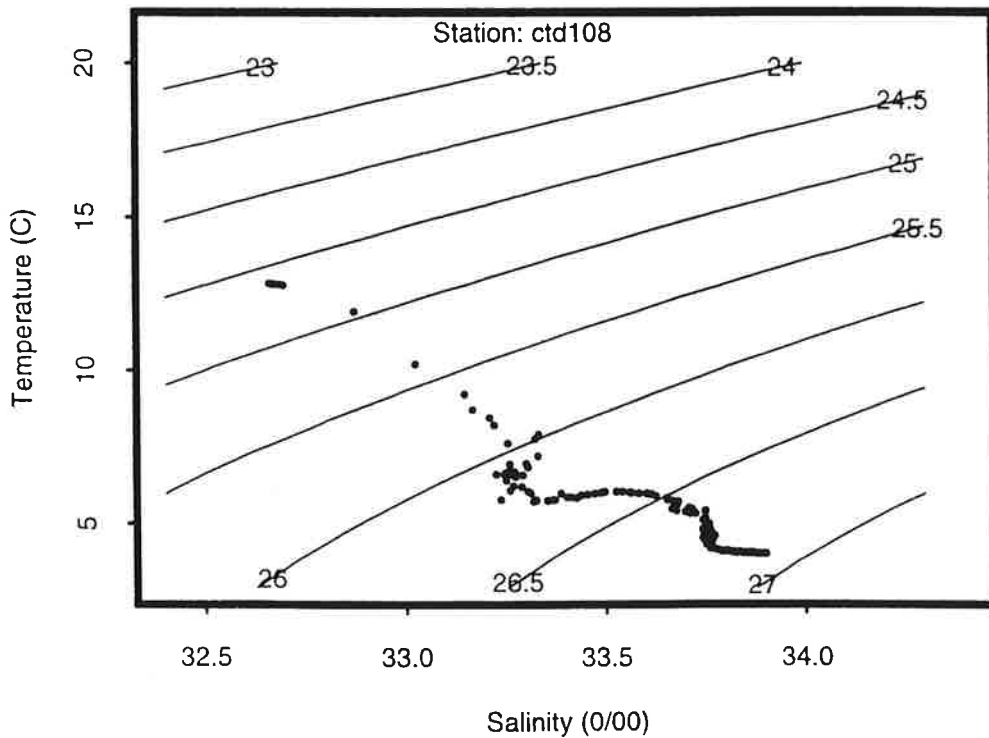
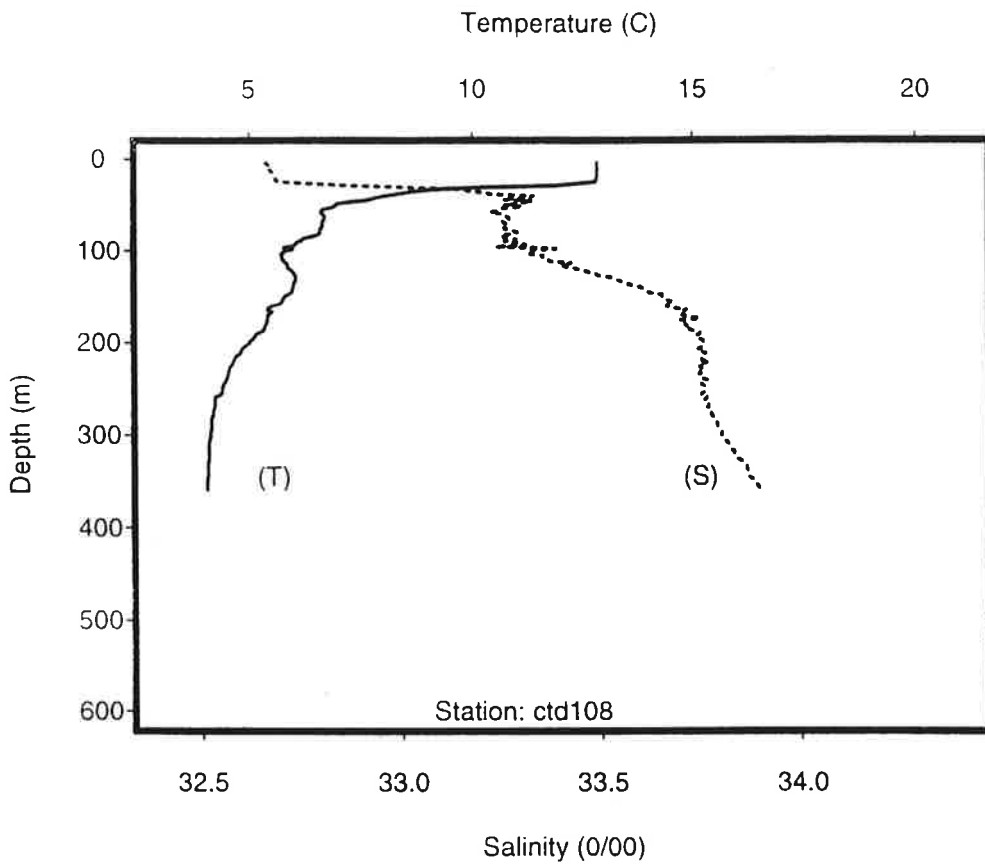
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.765	32.727	24.481
2	13.765	32.727	24.481
4	13.765	32.727	24.481
6	13.700	32.751	24.512
8	13.636	32.774	24.543
10	13.571	32.797	24.573
12	13.506	32.821	24.604
14	13.402	32.853	24.649
16	13.252	32.894	24.710
18	13.053	32.942	24.785
20	12.800	32.999	24.876
22	12.492	33.064	24.983
24	12.129	33.133	25.104
26	11.730	33.204	25.232
28	11.310	33.263	25.354
30	10.883	33.317	25.472
35	9.870	33.410	25.722
40	9.051	33.451	25.892
45	8.462	33.449	25.984
50	8.024	33.433	26.038
60	7.400	33.396	26.099
70	7.096	33.376	26.127
80	6.974	33.373	26.141
90	6.867	33.393	26.171
100	6.752	33.435	26.219
120	6.906	33.517	26.267
140	7.253	33.694	26.357
160	7.052	33.804	26.468
180	6.579	33.838	26.560
200	5.796	33.833	26.656
225	5.609	33.863	26.703
250	5.377	33.867	26.734
275	4.886	33.854	26.780
300	4.456	33.826	26.805
325	4.324	33.850	26.838
350	4.172	33.875	26.873



Station: ctd108

Month	Day	Year	Time	Latitude	Longitude
8	12	91	157	44.9985 N	177.997 E

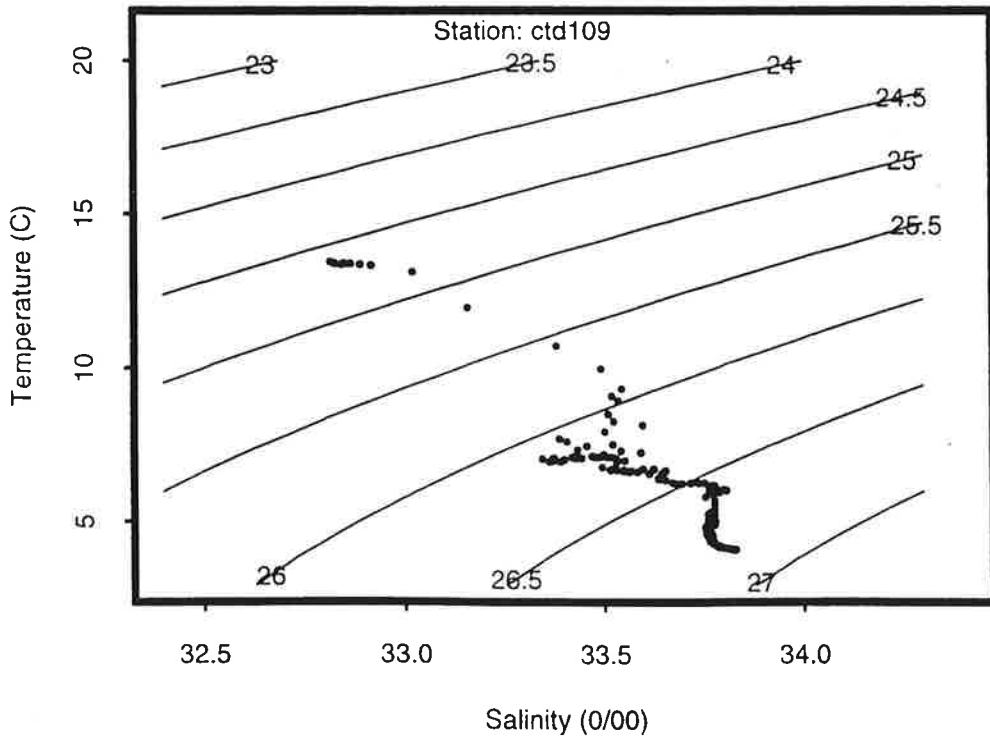
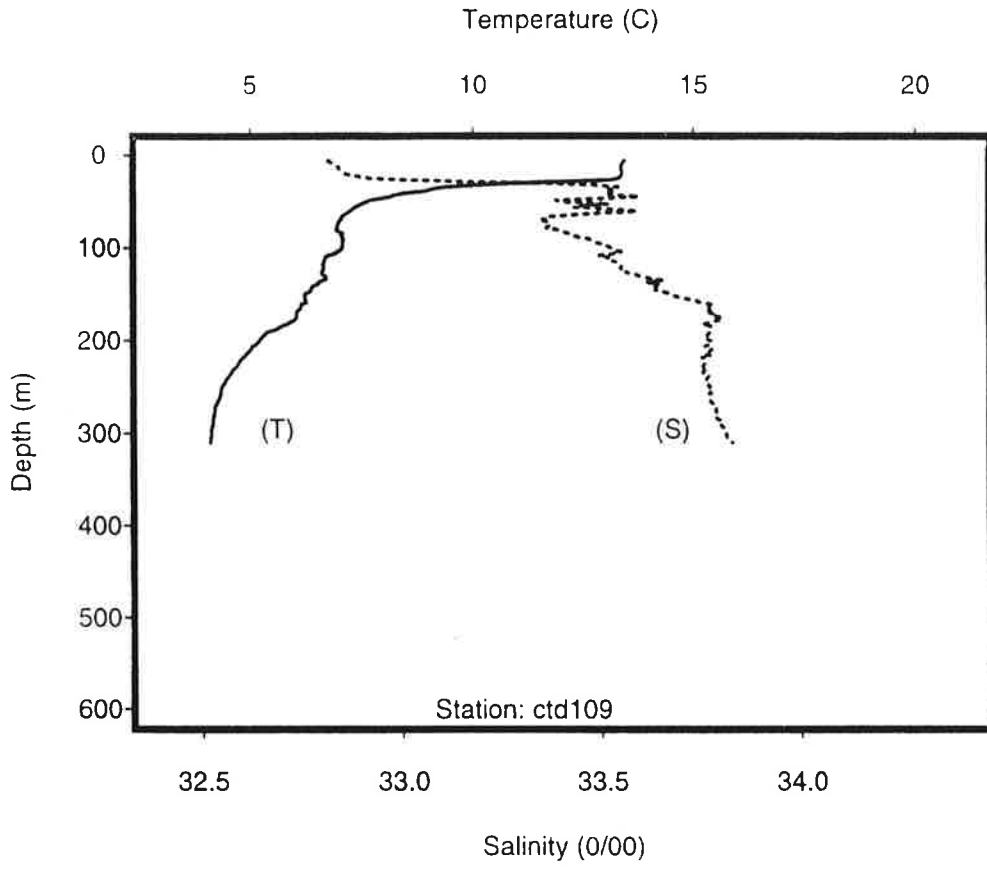
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	12.897	32.652	24.596
2	12.897	32.652	24.596
4	12.897	32.652	24.596
6	12.868	32.660	24.607
8	12.838	32.667	24.618
10	12.808	32.674	24.630
12	12.779	32.682	24.641
14	12.702	32.695	24.665
16	12.585	32.712	24.699
18	12.386	32.739	24.755
20	12.152	32.770	24.820
22	11.878	32.806	24.896
24	11.558	32.847	24.984
28	10.749	32.948	25.202
30	10.304	33.000	25.319
35	9.210	33.122	25.597
40	8.257	33.216	25.825
45	7.545	33.263	25.972
50	7.104	33.274	26.043
60	6.708	33.261	26.088
70	6.615	33.263	26.102
80	6.448	33.271	26.130
90	6.127	33.289	26.185
100	5.858	33.326	26.247
120	5.901	33.442	26.334
140	5.937	33.593	26.449
160	5.565	33.684	26.566
180	5.328	33.722	26.624
200	4.974	33.750	26.687
225	4.576	33.753	26.734
250	4.355	33.761	26.764
275	4.157	33.777	26.798
300	4.088	33.806	26.827
325	4.048	33.844	26.862
350	4.022	33.882	26.895



Station: ctd109

Month	Day	Year	Time	Latitude	Longitude
8	12	91	550	44.6632 N	177.9942 E

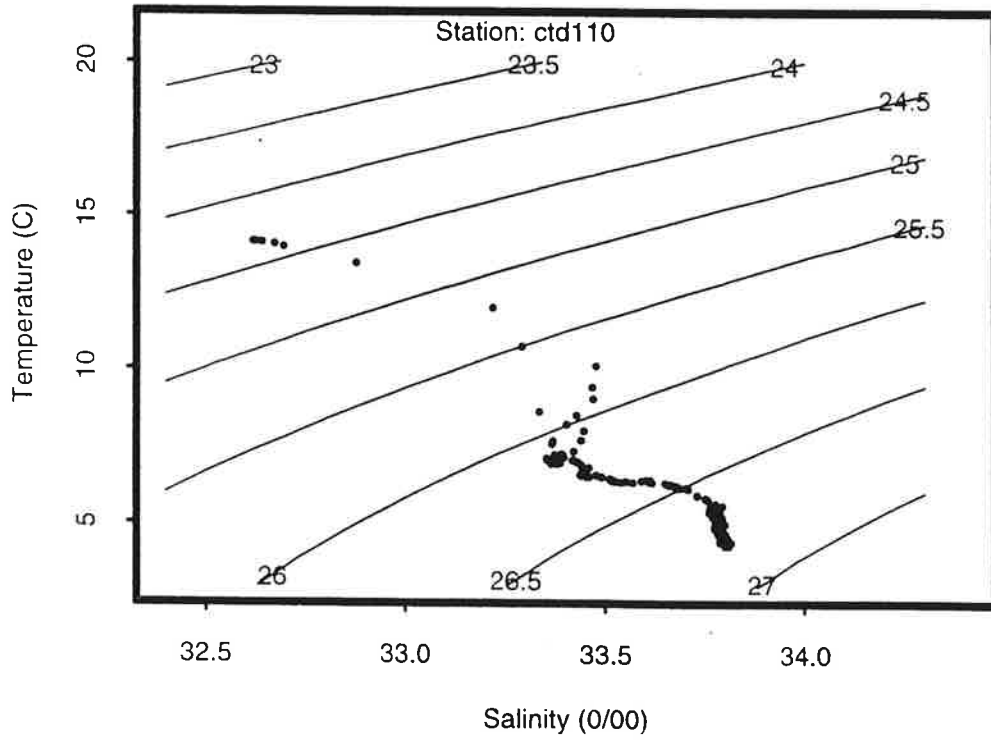
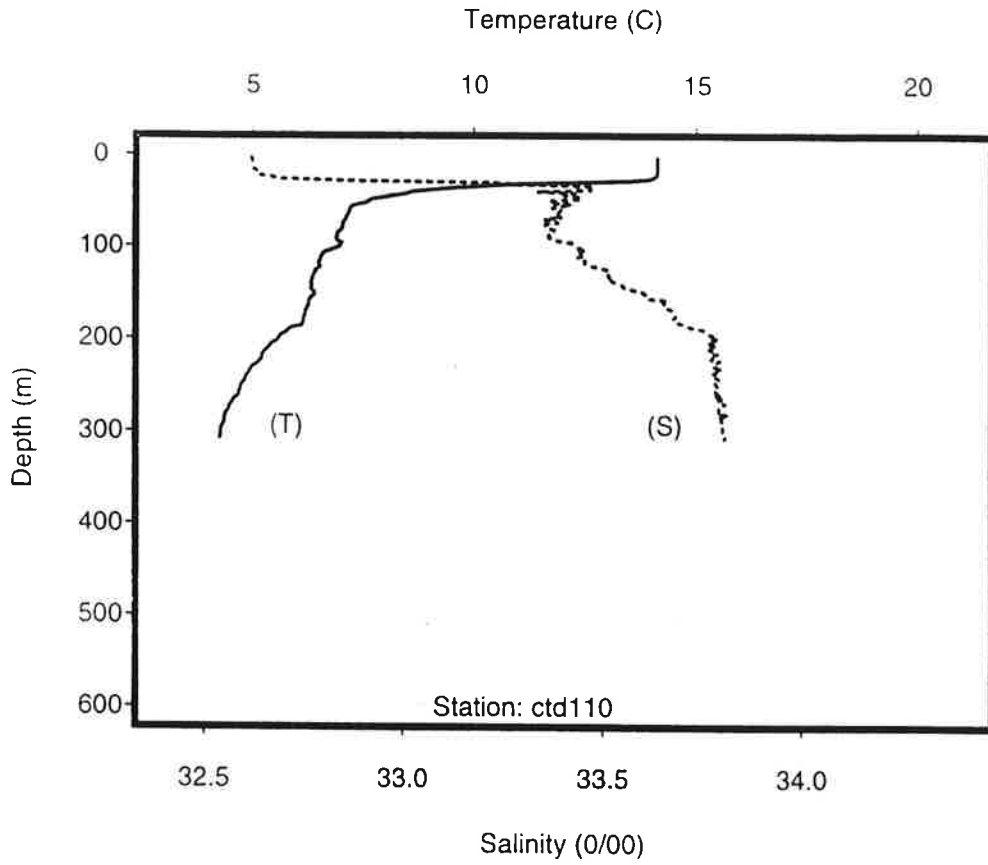
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.502	32.795	24.587
2	13.502	32.795	24.587
4	13.502	32.795	24.587
6	13.502	32.795	24.587
8	13.453	32.812	24.609
10	13.404	32.829	24.632
12	13.355	32.847	24.655
14	13.305	32.864	24.678
16	13.204	32.890	24.717
18	13.053	32.923	24.771
20	12.851	32.964	24.840
22	12.593	33.013	24.925
24	12.277	33.068	25.025
26	11.899	33.129	25.141
28	11.463	33.195	25.270
30	10.996	33.261	25.405
35	9.848	33.393	25.707
40	8.870	33.470	25.931
45	8.176	33.495	26.063
50	7.742	33.487	26.122
60	7.268	33.458	26.167
70	7.052	33.404	26.155
80	7.004	33.401	26.159
90	7.039	33.460	26.201
100	6.969	33.509	26.248
120	6.652	33.555	26.327
140	6.444	33.640	26.422
160	6.160	33.745	26.541
180	5.799	33.776	26.611
200	5.194	33.767	26.676
225	4.716	33.761	26.725
250	4.368	33.768	26.768
275	4.185	33.786	26.801
300	4.099	33.813	26.833



Station: ctd110

Month	Day	Year	Time	Latitude	Longitude
8	12	91	938	44.331 N	177.994 E

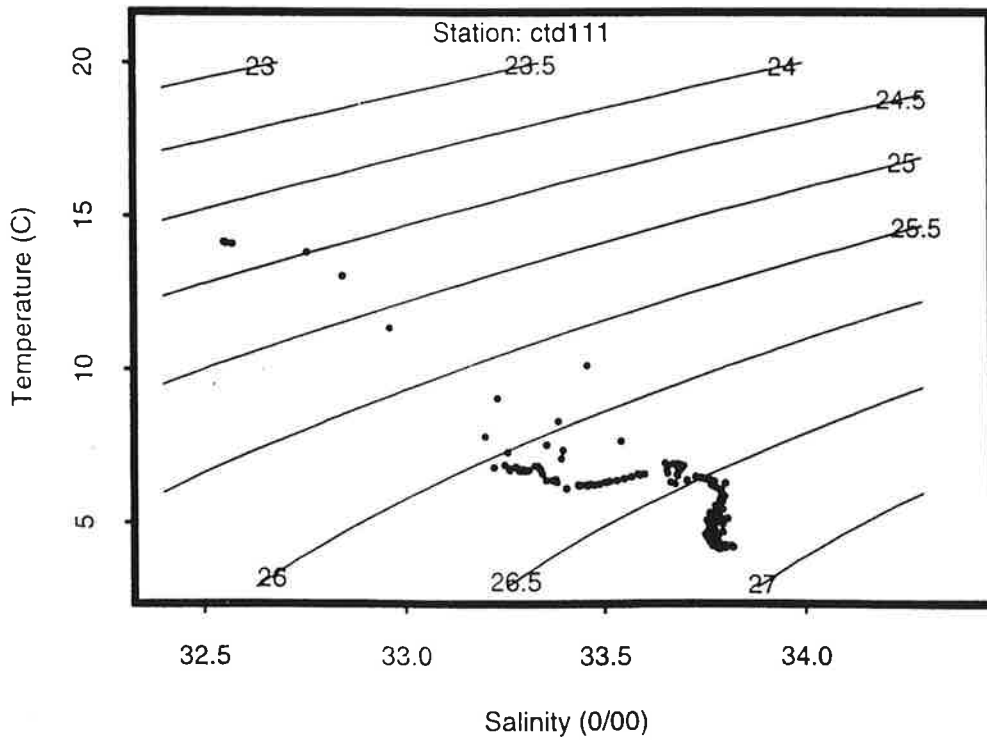
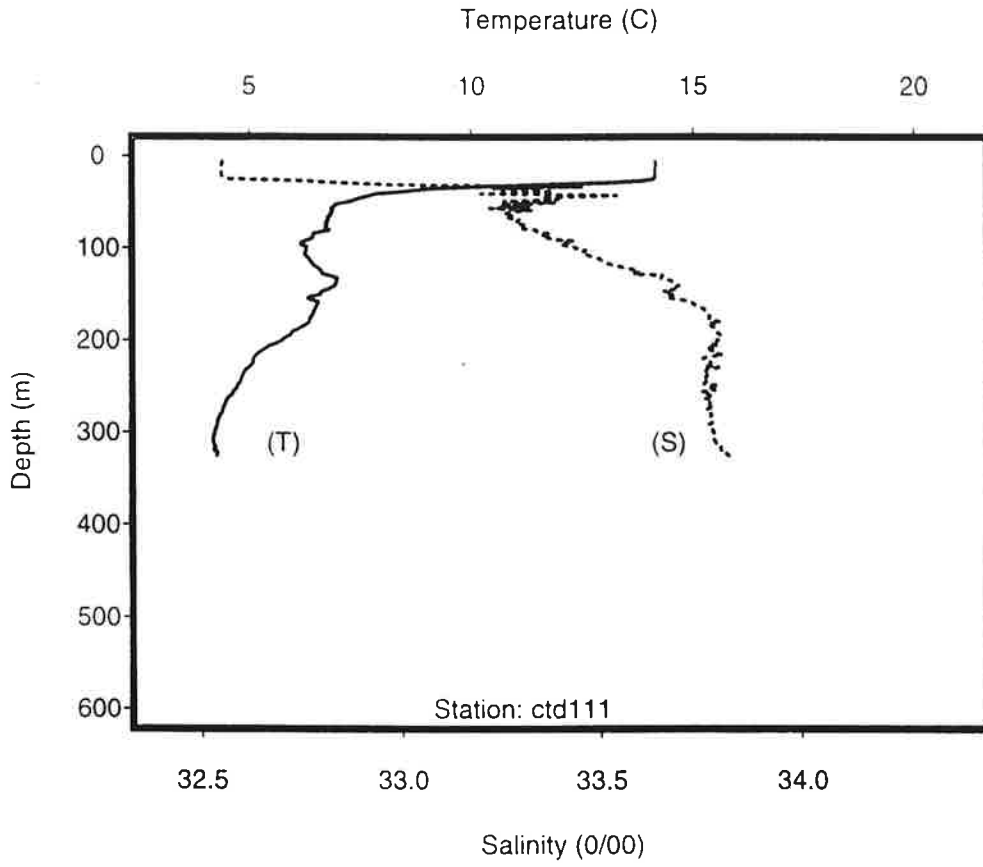
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.133	32.608	24.312
2	14.133	32.608	24.312
4	14.133	32.608	24.312
6	14.123	32.613	24.318
8	14.114	32.619	24.324
10	14.105	32.624	24.331
12	14.096	32.629	24.337
14	14.057	32.643	24.355
16	13.976	32.665	24.387
18	13.845	32.696	24.437
20	13.656	32.738	24.505
22	13.405	32.790	24.593
24	13.085	32.850	24.699
26	12.698	32.919	24.824
28	12.242	32.995	24.967
30	11.727	33.076	25.124
35	10.391	33.248	25.496
40	9.201	33.357	25.786
45	8.325	33.404	25.967
50	7.779	33.404	26.051
60	7.265	33.389	26.114
70	7.089	33.377	26.128
80	6.994	33.370	26.136
90	6.931	33.387	26.158
100	6.827	33.423	26.200
120	6.484	33.474	26.285
140	6.341	33.545	26.361
160	6.269	33.640	26.444
180	6.080	33.693	26.510
200	5.574	33.764	26.628
225	5.104	33.777	26.693
250	4.746	33.783	26.738
275	4.452	33.792	26.776
300	4.272	33.801	26.804



Station: ctd111

Month	Day	Year	Time	Latitude	Longitude
8	12	91	1340	43.9432 N	177.997 E

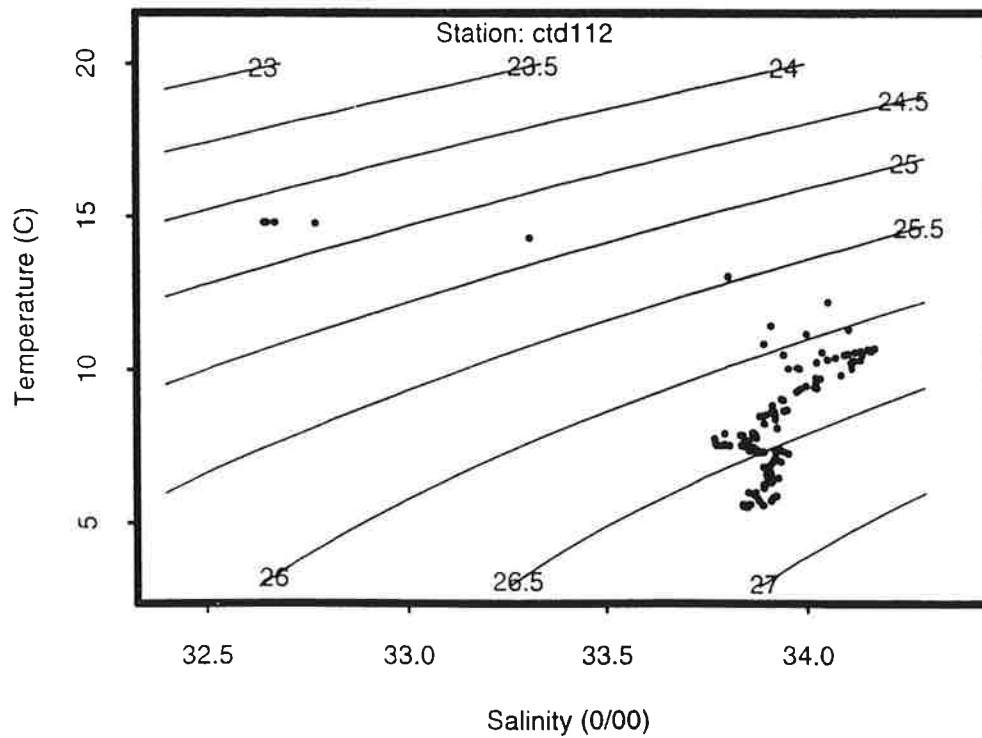
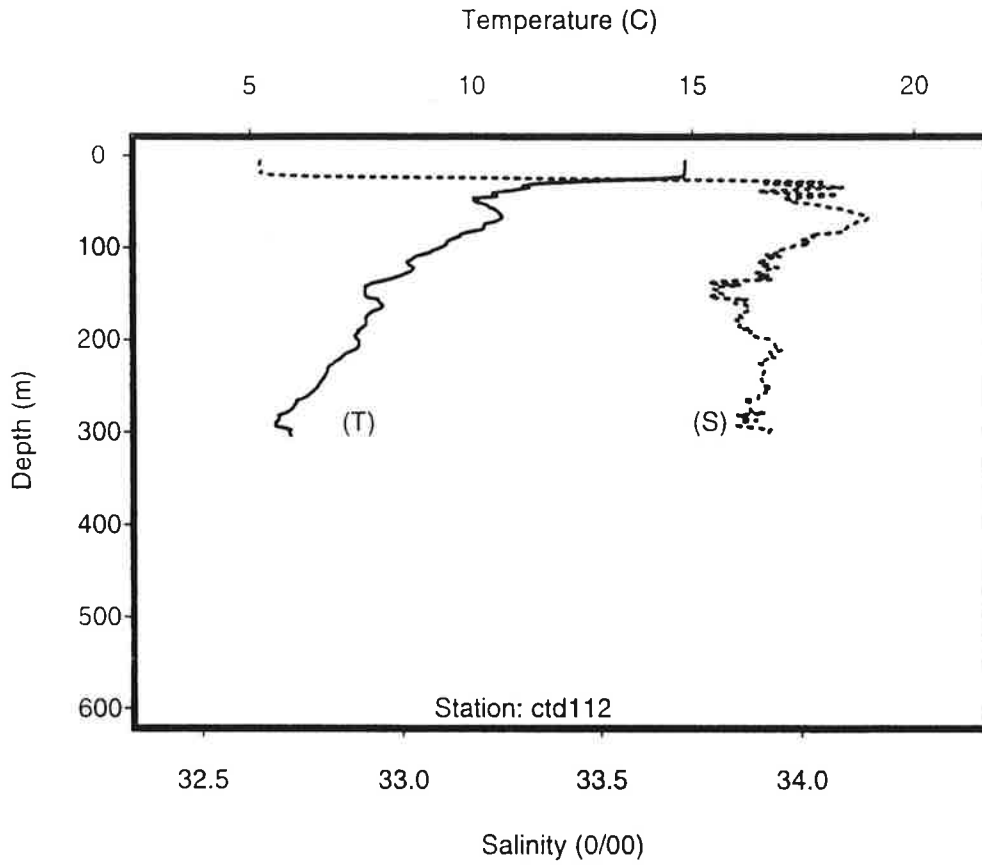
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.235	32.530	24.232
2	14.235	32.530	24.232
4	14.235	32.530	24.232
6	14.235	32.530	24.232
8	14.193	32.541	24.249
10	14.151	32.552	24.265
12	14.109	32.562	24.282
14	14.067	32.573	24.298
16	13.964	32.595	24.336
18	13.799	32.626	24.391
20	13.572	32.666	24.464
22	13.277	32.713	24.555
24	12.912	32.771	24.667
26	12.473	32.839	24.799
28	11.959	32.909	24.946
30	11.407	32.980	25.099
40	8.741	33.256	25.771
45	7.805	33.319	25.974
50	7.256	33.324	26.062
60	6.856	33.292	26.093
70	6.725	33.298	26.115
80	6.575	33.337	26.165
90	6.353	33.389	26.235
100	6.244	33.440	26.290
120	6.486	33.553	26.348
140	6.750	33.671	26.406
160	6.443	33.724	26.488
180	6.239	33.777	26.556
200	5.667	33.786	26.634
225	5.022	33.772	26.697
250	4.695	33.769	26.733
275	4.382	33.771	26.766
300	4.206	33.779	26.793
325	4.244	33.812	26.818



Station: ctd112

Month	Day	Year	Time	Latitude	Longitude
8	12	91	1715	43.6613 N	177.9982 E

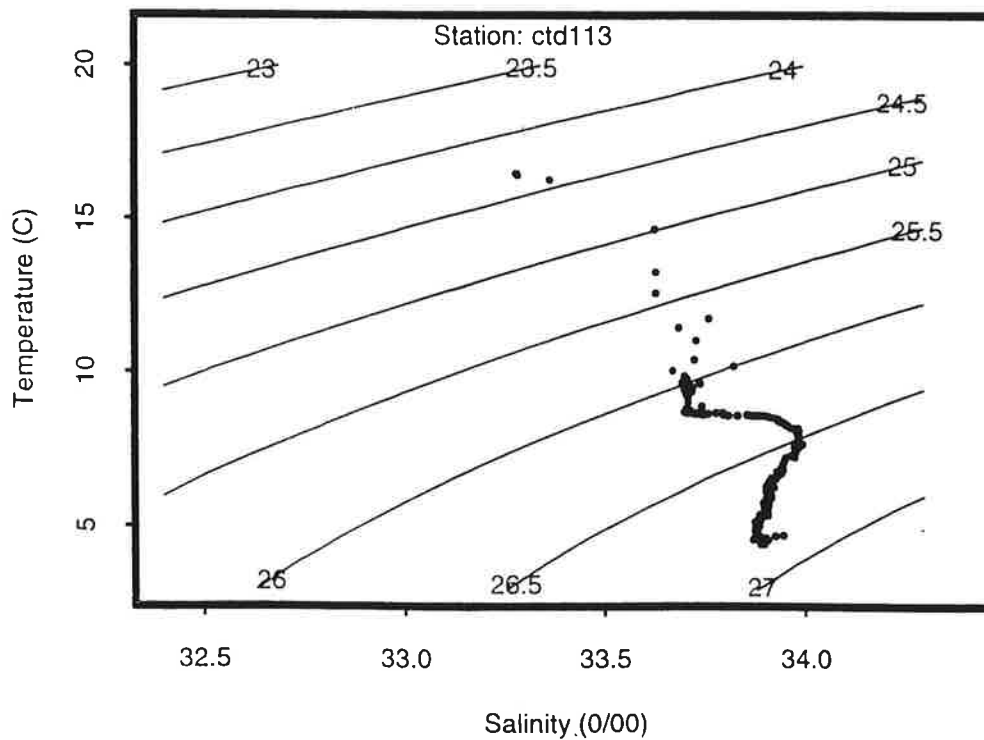
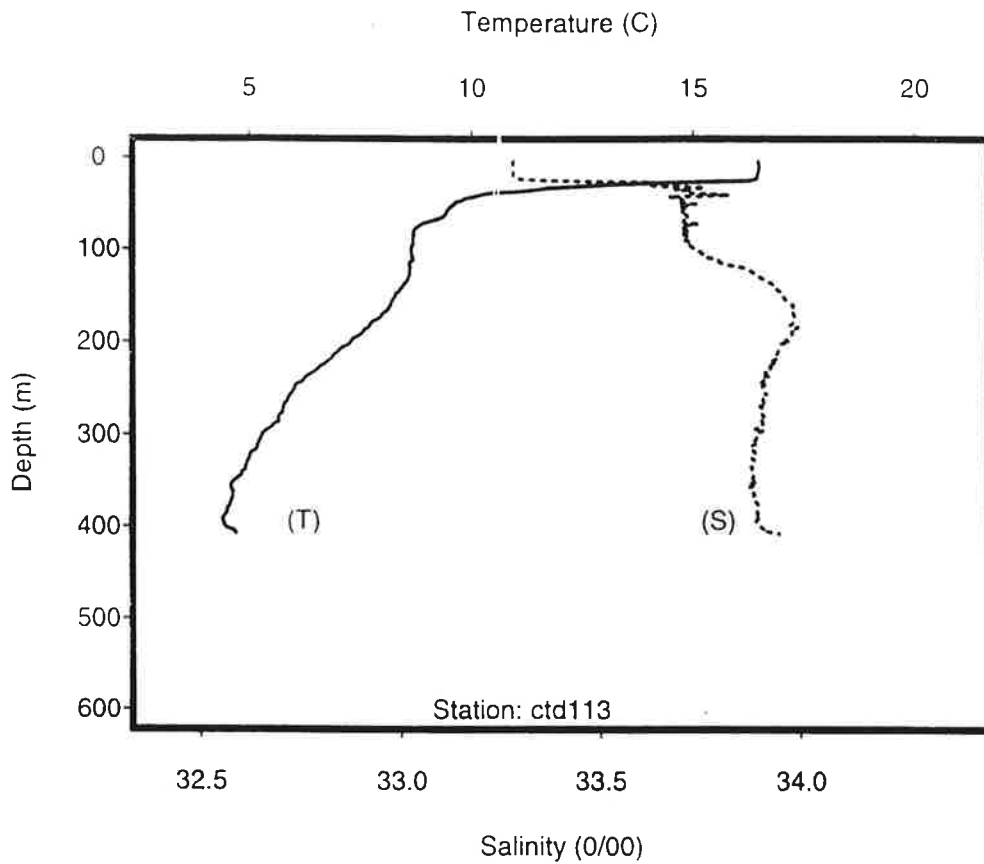
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.016	32.521	24.061
2	15.016	32.521	24.061
4	15.016	32.521	24.061
6	15.016	32.521	24.061
8	14.917	32.585	24.131
10	14.818	32.650	24.200
12	14.719	32.714	24.270
14	14.620	32.778	24.340
16	14.472	32.855	24.429
18	14.281	32.949	24.540
20	14.048	33.055	24.669
22	13.767	33.175	24.817
24	13.435	33.311	24.989
26	13.063	33.449	25.169
28	12.697	33.562	25.328
30	12.335	33.662	25.475
40	10.896	33.965	25.984
45	10.516	34.011	26.090
50	10.388	34.033	26.131
60	10.487	34.103	26.167
70	10.472	34.137	26.197
80	10.110	34.099	26.228
90	9.649	34.034	26.255
100	9.224	33.977	26.281
120	8.585	33.914	26.332
140	7.826	33.828	26.376
160	7.778	33.839	26.395
180	7.570	33.854	26.437
200	7.376	33.907	26.505
225	6.881	33.913	26.579
250	6.475	33.907	26.628
300	5.819	33.907	26.713



Station: ctd113

Month	Day	Year	Time	Latitude	Longitude
8	15	91	2115	43.297 N	177.5055 W

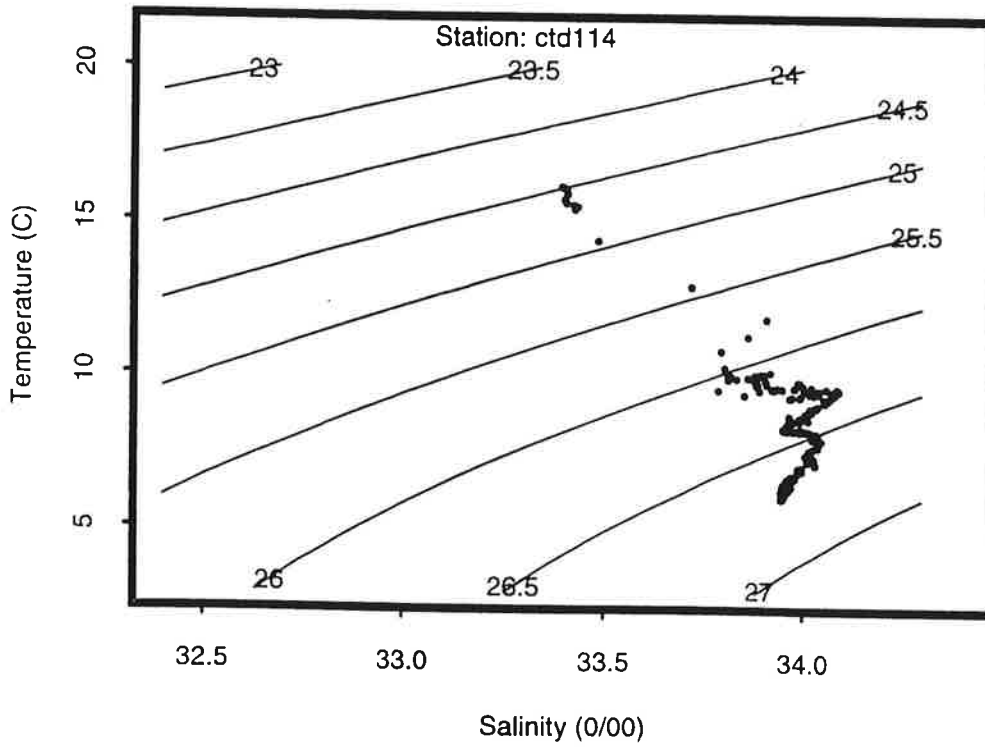
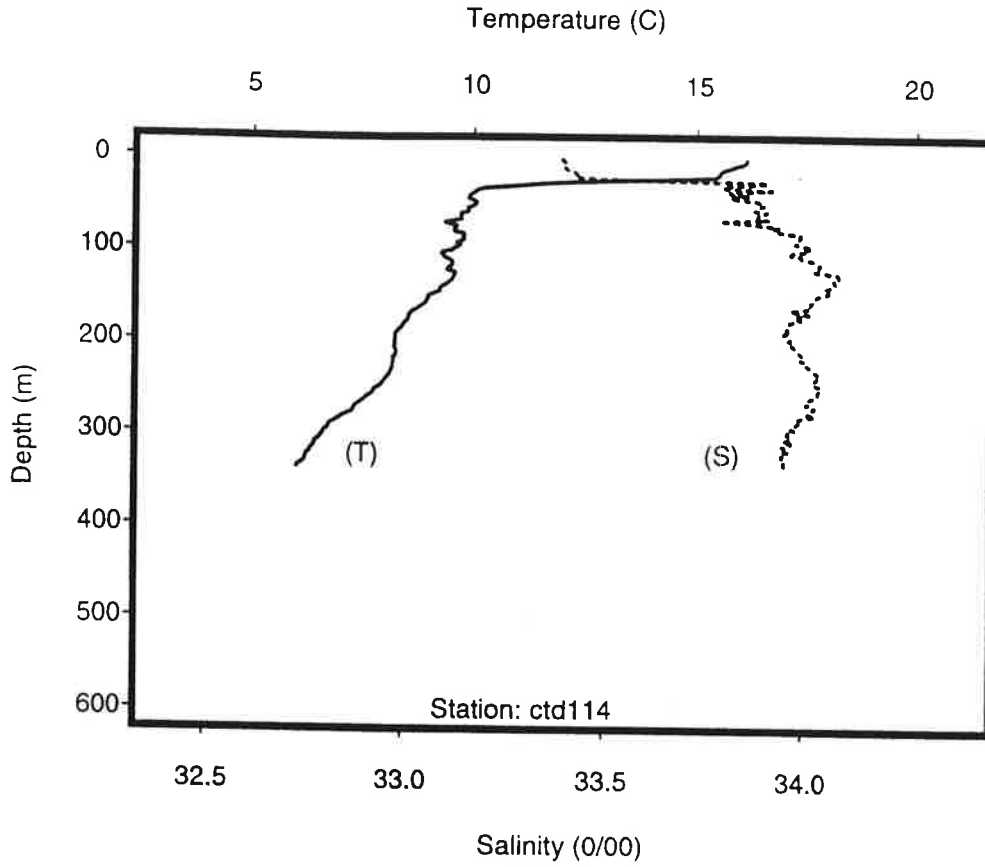
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	16.859	33.237	24.203
2	16.859	33.237	24.203
4	16.859	33.237	24.203
6	16.699	33.256	24.252
8	16.539	33.275	24.300
10	16.378	33.294	24.349
12	16.218	33.313	24.398
14	16.058	33.332	24.447
16	15.853	33.353	24.506
18	15.600	33.378	24.578
20	15.296	33.406	24.663
22	14.940	33.438	24.761
24	14.531	33.473	24.872
26	14.070	33.510	24.995
28	13.583	33.545	25.120
30	13.092	33.577	25.244
35	11.926	33.646	25.527
40	10.937	33.692	25.754
45	10.235	33.711	25.900
50	9.811	33.714	25.978
60	9.377	33.711	26.049
70	9.057	33.713	26.101
80	8.803	33.715	26.143
90	8.686	33.724	26.169
100	8.654	33.747	26.191
120	8.600	33.843	26.275
140	8.422	33.930	26.371
160	8.134	33.973	26.447
180	7.735	33.982	26.513
200	7.247	33.962	26.567
225	6.616	33.927	26.625
250	6.025	33.908	26.686
275	5.704	33.902	26.722
300	5.316	33.891	26.760
325	4.995	33.880	26.788
350	4.693	33.880	26.821
375	4.535	33.888	26.845
400	4.532	33.907	26.861



Station: ctd114

Month	Day	Year	Time	Latitude	Longitude
8	16	91	2144	43.3507 N	175.6027 W

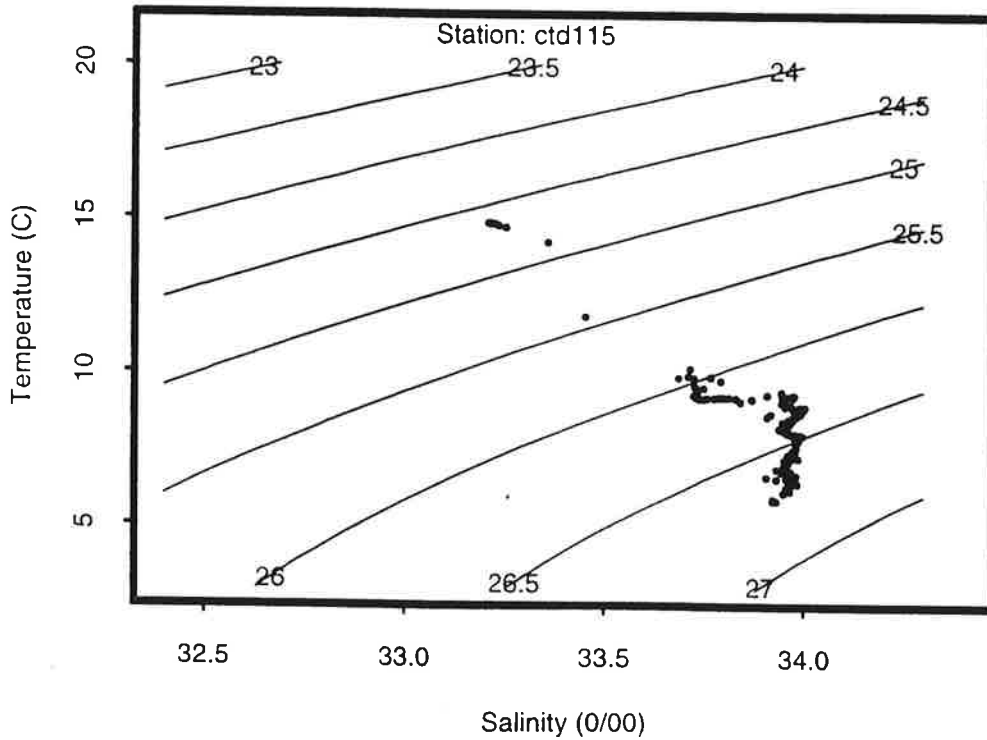
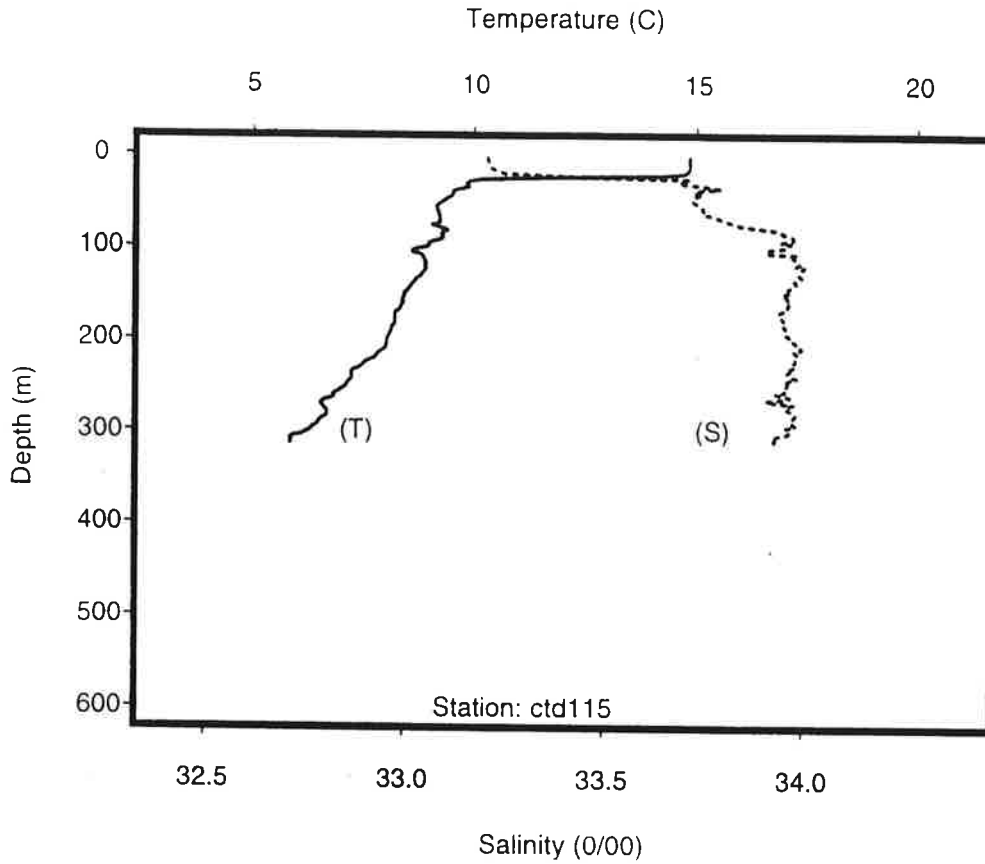
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	16.291	33.377	24.438
2	16.291	33.377	24.438
4	16.291	33.377	24.438
6	16.130	33.389	24.482
8	15.968	33.401	24.526
10	15.806	33.413	24.571
12	15.644	33.425	24.615
14	15.427	33.445	24.676
16	15.161	33.468	24.749
18	14.841	33.496	24.837
20	14.465	33.529	24.939
22	14.032	33.566	25.055
24	13.542	33.608	25.185
26	13.019	33.653	25.324
28	12.498	33.695	25.460
30	12.003	33.731	25.583
35	10.972	33.799	25.834
40	10.311	33.840	25.990
45	10.041	33.855	26.051
50	9.949	33.869	26.078
60	9.802	33.881	26.111
70	9.628	33.888	26.146
80	9.622	33.935	26.183
90	9.659	33.982	26.214
100	9.535	33.997	26.246
120	9.465	34.040	26.292
140	9.312	34.066	26.337
160	8.845	34.016	26.372
180	8.454	33.972	26.398
200	8.241	33.966	26.426
225	8.176	34.009	26.470
250	7.841	34.033	26.538
275	7.224	34.012	26.610
300	6.589	33.967	26.661
325	6.205	33.952	26.699



Station: ctd115

Month	Day	Year	Time	Latitude	Longitude
8	17	91	805	43.5963 N	174.9733 W

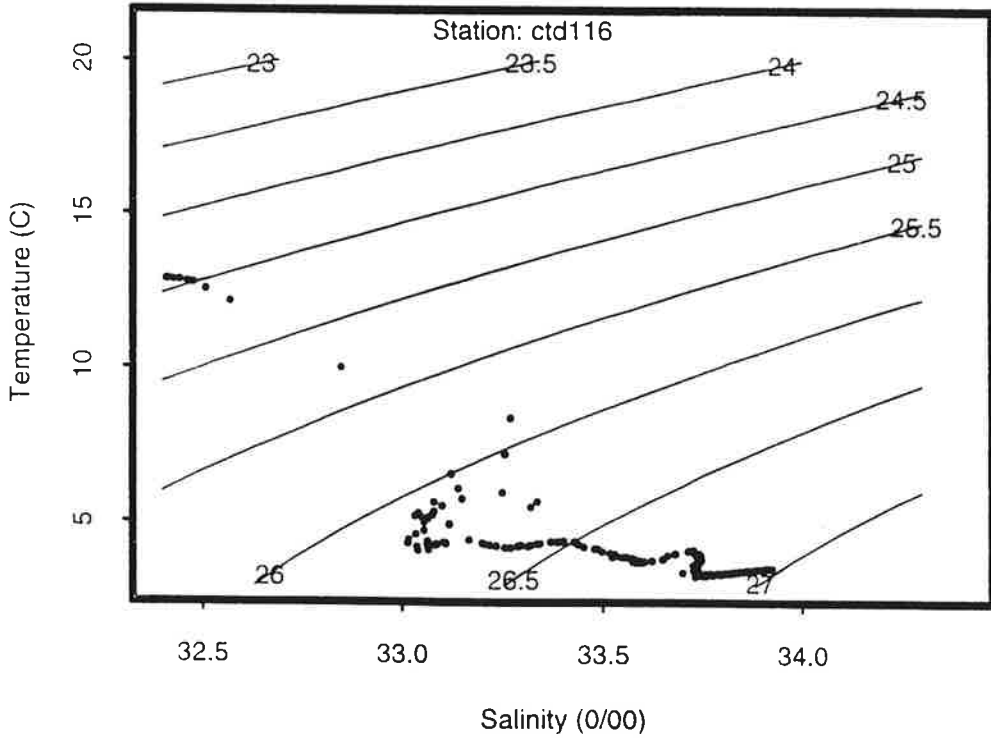
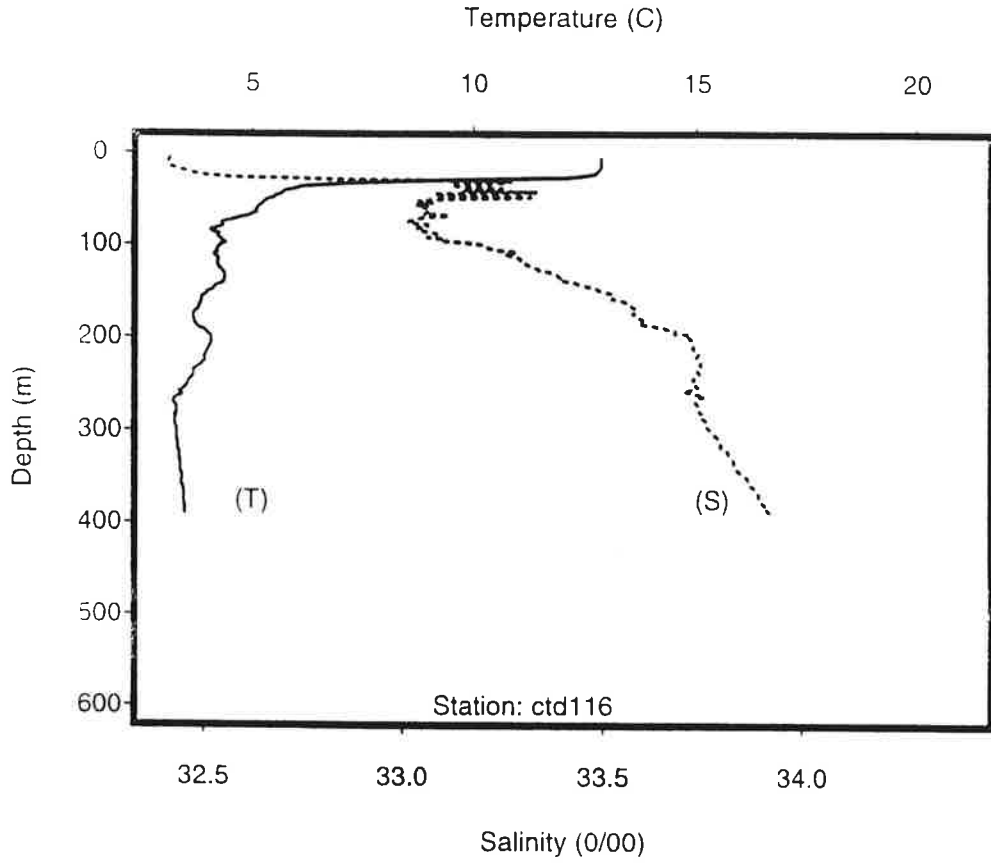
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.169	33.176	24.537
2	15.169	33.176	24.537
4	15.169	33.176	24.537
6	15.002	33.196	24.585
8	14.836	33.215	24.633
10	14.669	33.235	24.681
12	14.502	33.254	24.729
14	14.270	33.279	24.793
16	13.978	33.310	24.873
18	13.627	33.346	24.970
20	13.216	33.389	25.082
22	12.743	33.438	25.211
24	12.219	33.488	25.350
26	11.705	33.540	25.488
28	11.241	33.586	25.611
30	10.831	33.625	25.719
35	10.054	33.699	25.921
40	9.605	33.732	26.027
45	9.443	33.736	26.058
50	9.324	33.737	26.078
60	9.202	33.756	26.112
70	9.199	33.811	26.156
80	9.230	33.894	26.216
90	9.139	33.948	26.272
100	8.903	33.953	26.314
120	8.842	33.987	26.350
140	8.594	33.977	26.381
160	8.349	33.957	26.402
180	8.170	33.951	26.425
200	8.022	33.972	26.464
225	7.546	33.976	26.536
250	7.045	33.958	26.592
275	6.597	33.962	26.655
300	6.182	33.955	26.704



Station: ctd116

Month	Day	Year	Time	Latitude	Longitude
8	25	91	144	46.055 N	179.89 E

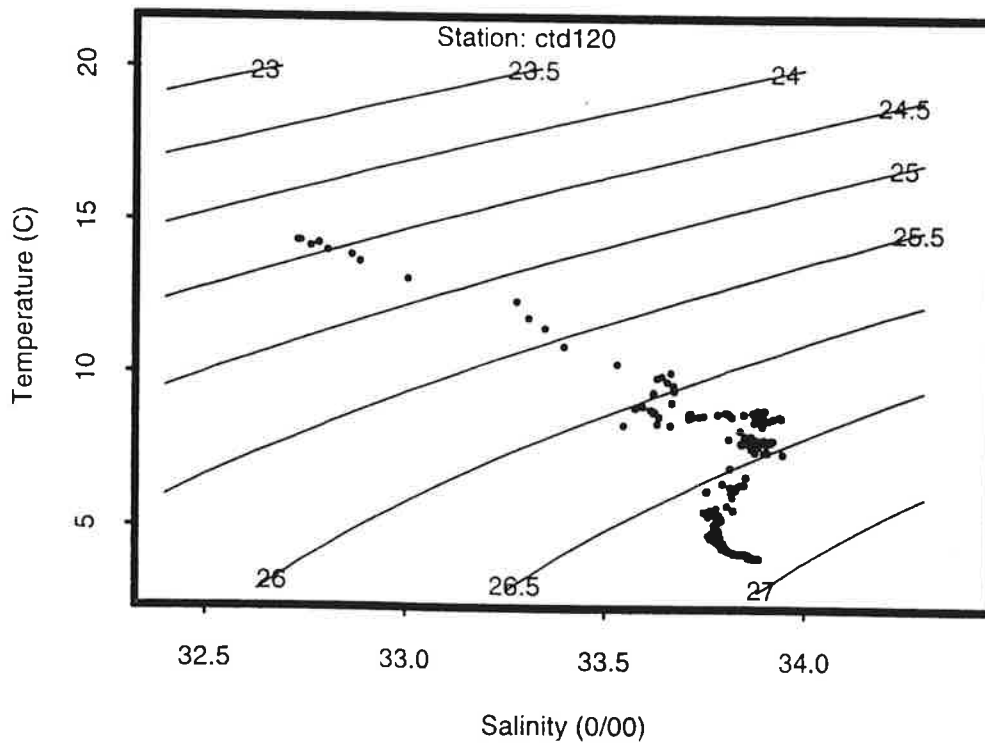
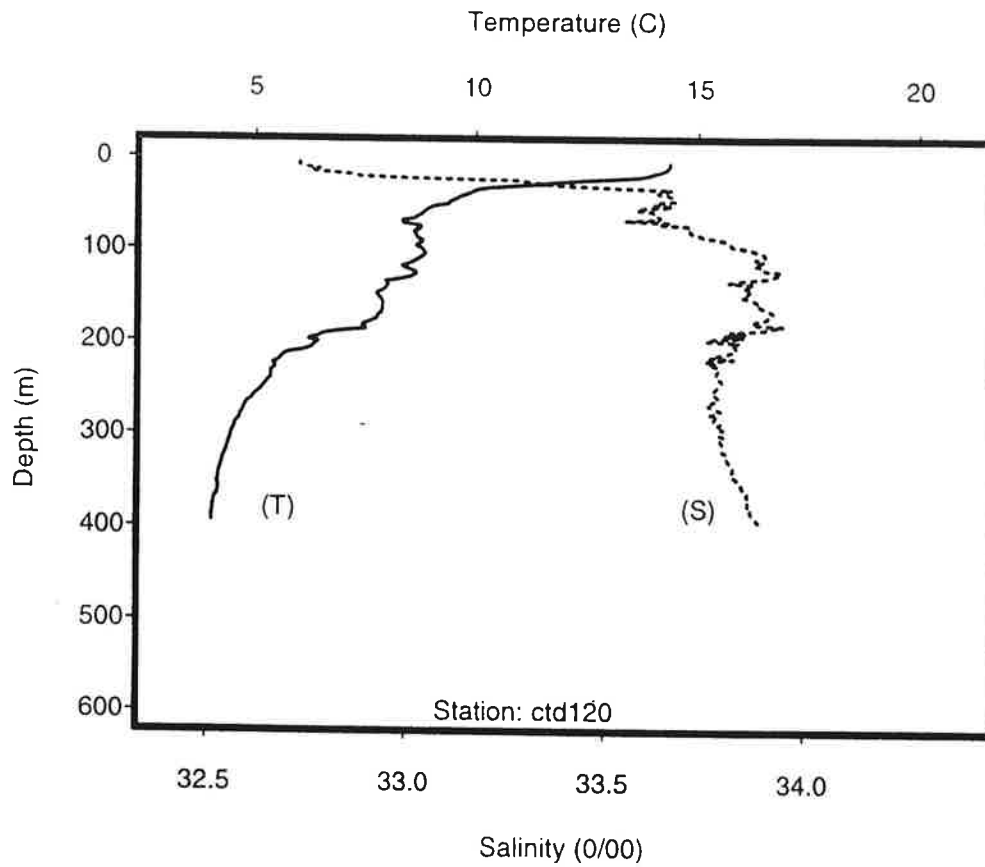
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.447	32.321	24.246
2	13.447	32.321	24.246
4	13.447	32.321	24.246
6	13.447	32.321	24.246
8	13.203	32.360	24.318
10	12.959	32.398	24.390
12	12.715	32.437	24.461
14	12.471	32.476	24.533
16	12.228	32.515	24.605
18	11.932	32.557	24.688
20	11.582	32.604	24.782
22	11.179	32.658	24.890
24	10.721	32.714	25.009
26	10.210	32.775	25.139
28	9.649	32.841	25.280
30	9.072	32.905	25.422
35	7.727	33.026	25.725
40	6.640	33.103	25.950
45	5.891	33.131	26.082
50	5.457	33.122	26.133
60	5.059	33.074	26.141
70	4.687	33.053	26.165
80	4.369	33.059	26.204
90	4.237	33.099	26.250
100	4.225	33.176	26.312
140	4.209	33.428	26.515
160	3.860	33.539	26.638
180	3.733	33.601	26.700
200	3.956	33.692	26.750
225	3.856	33.735	26.794
250	3.510	33.730	26.824
275	3.265	33.737	26.853
300	3.271	33.767	26.876
325	3.327	33.809	26.904
350	3.387	33.851	26.933
375	3.439	33.893	26.961



Station: ctd120

Month	Day	Year	Time	Latitude	Longitude
8	25	91	2134	44.7892 N	179.9913 W

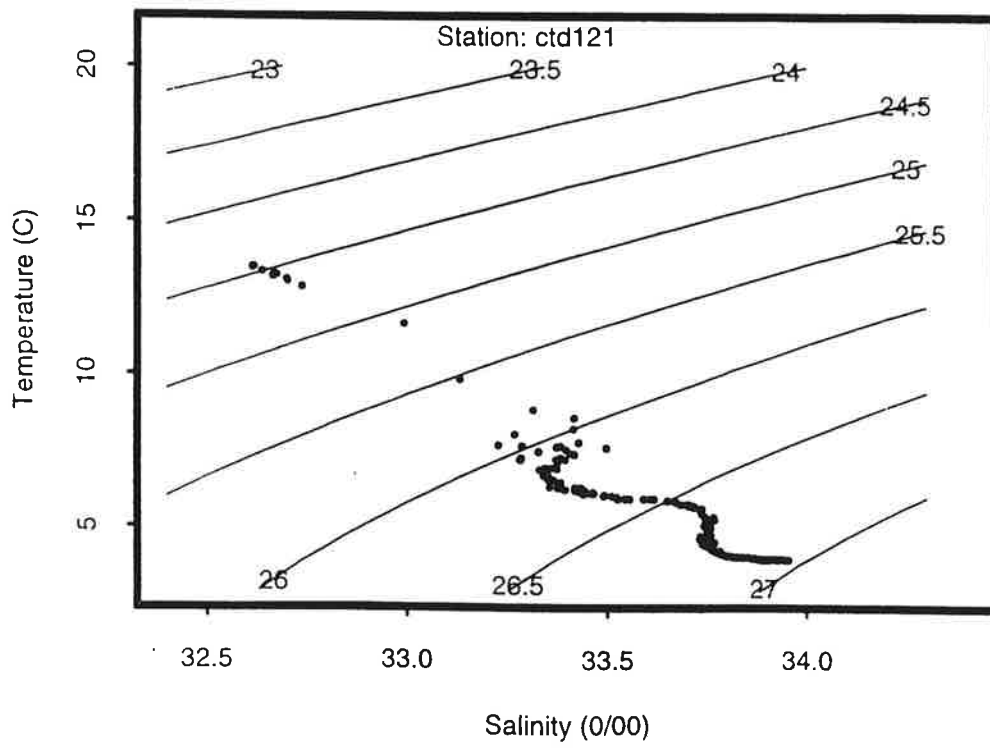
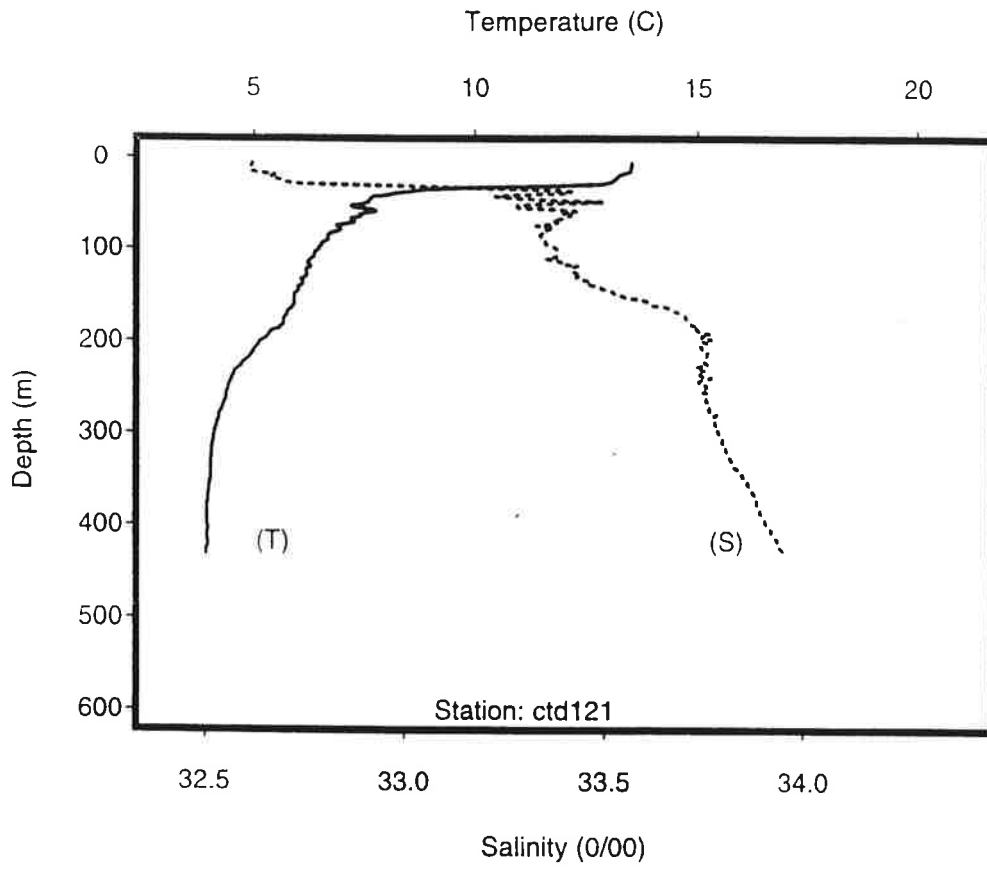
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.947	32.600	24.146
2	14.947	32.600	24.146
4	14.947	32.600	24.146
6	14.947	32.600	24.146
8	14.665	32.662	24.249
10	14.383	32.724	24.352
12	14.101	32.786	24.455
14	13.819	32.848	24.558
16	13.537	32.910	24.661
18	13.241	32.975	24.769
20	12.932	33.041	24.879
22	12.611	33.108	24.993
24	12.282	33.175	25.107
26	11.951	33.241	25.221
28	11.622	33.304	25.331
30	11.298	33.364	25.438
35	10.569	33.493	25.671
40	9.988	33.578	25.840
45	9.571	33.619	25.943
50	9.261	33.630	26.003
60	8.838	33.630	26.071
70	8.620	33.657	26.126
80	8.621	33.717	26.173
90	8.693	33.789	26.218
100	8.707	33.847	26.261
120	8.484	33.892	26.331
140	8.014	33.865	26.380
180	7.374	33.880	26.483
200	6.345	33.818	26.572
225	5.492	33.784	26.652
275	4.711	33.777	26.737
300	4.460	33.788	26.774
325	4.280	33.805	26.807
350	4.160	33.833	26.841
375	4.066	33.860	26.873



Station: ctd121

Month	Day	Year	Time	Latitude	Longitude
8	26	91	807	44.65 N	179.0128 W

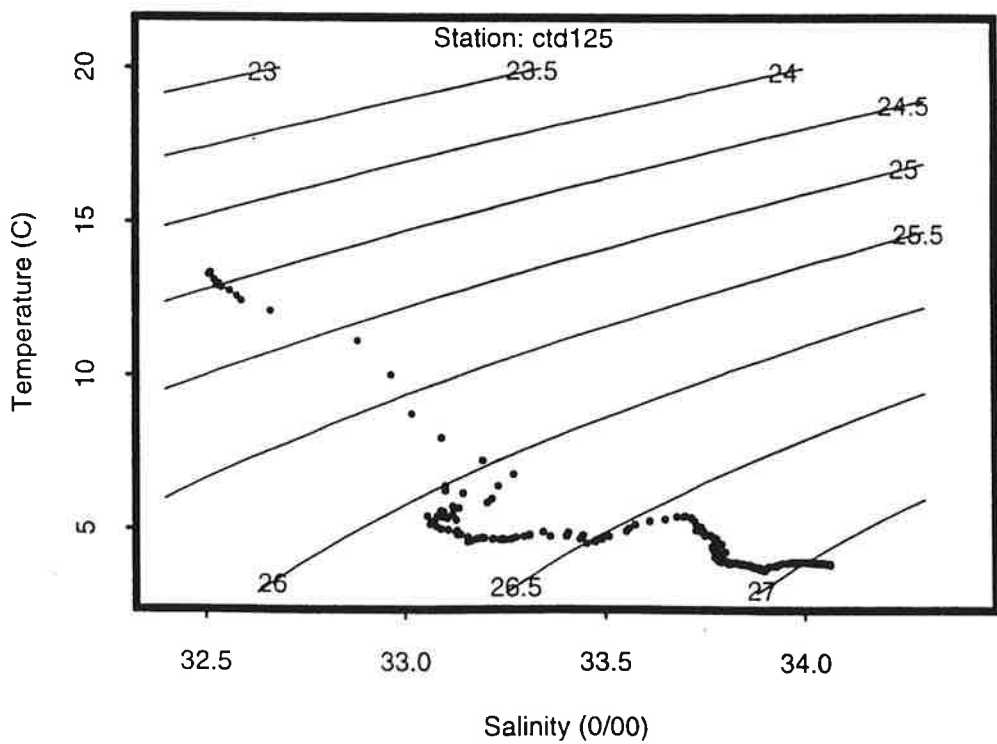
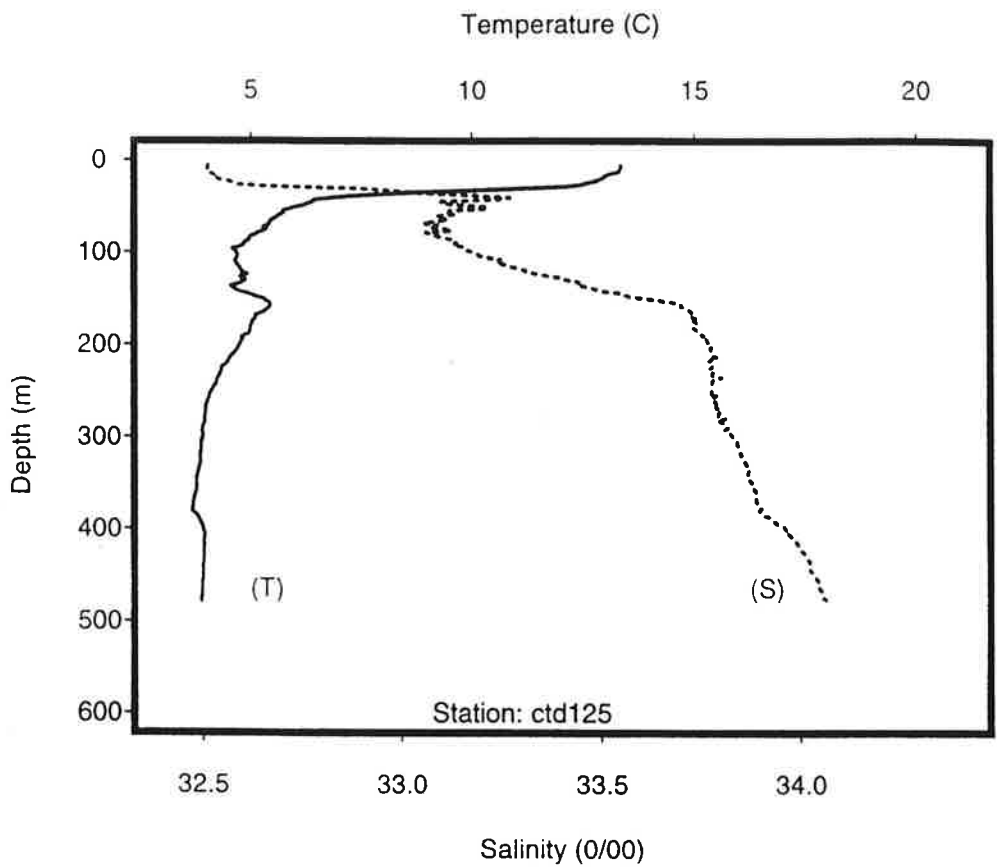
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	13.836	32.560	24.343
2	13.836	32.560	24.343
4	13.836	32.560	24.343
6	13.836	32.560	24.343
8	13.688	32.584	24.389
10	13.540	32.609	24.435
12	13.392	32.633	24.482
14	13.245	32.657	24.528
16	13.097	32.682	24.575
18	12.900	32.713	24.635
20	12.664	32.749	24.705
22	12.388	32.788	24.785
24	12.071	32.832	24.875
26	11.713	32.881	24.976
28	11.315	32.935	25.088
30	10.879	32.993	25.209
35	9.761	33.130	25.506
40	8.815	33.233	25.746
45	8.122	33.307	25.918
50	7.682	33.350	26.023
60	7.378	33.374	26.086
70	7.137	33.372	26.118
80	6.861	33.360	26.145
90	6.630	33.359	26.175
100	6.452	33.371	26.209
120	6.221	33.414	26.272
140	6.036	33.491	26.356
160	5.854	33.622	26.482
180	5.601	33.714	26.586
200	5.189	33.747	26.660
225	4.734	33.746	26.711
250	4.421	33.747	26.746
275	4.250	33.764	26.777
300	4.102	33.786	26.810
325	4.032	33.811	26.837
350	3.998	33.848	26.870
375	3.945	33.880	26.901
400	3.938	33.908	26.924
425	3.923	33.943	26.953



Station: ctd125

Month	Day	Year	Time	Latitude	Longitude
8	26	91	2105	46.005 N	178.983 W

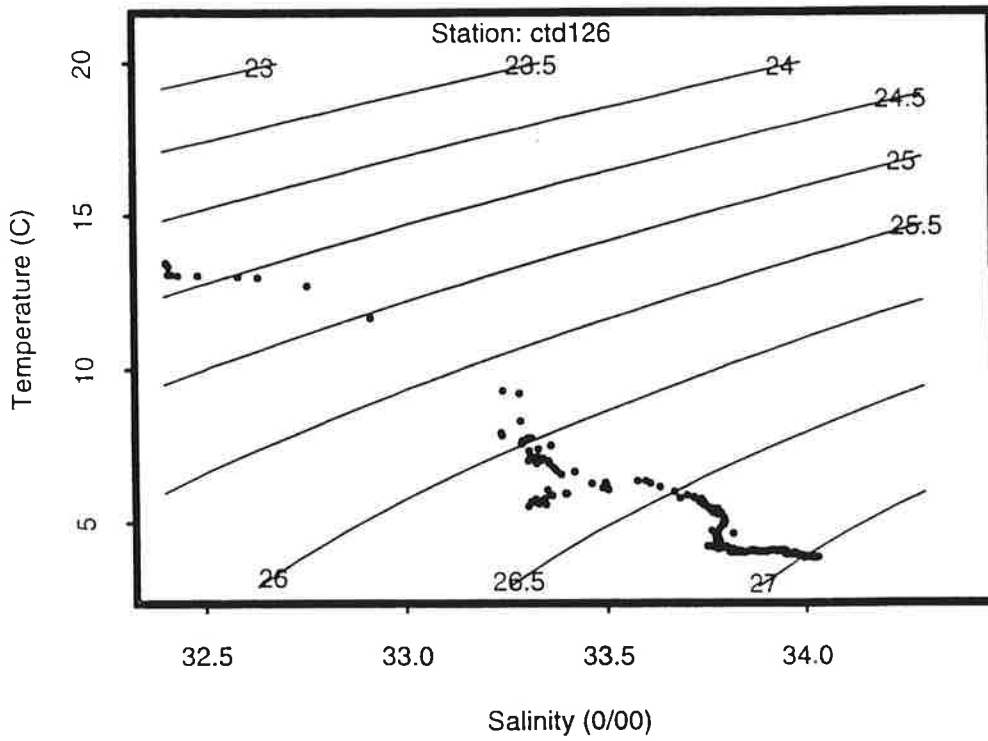
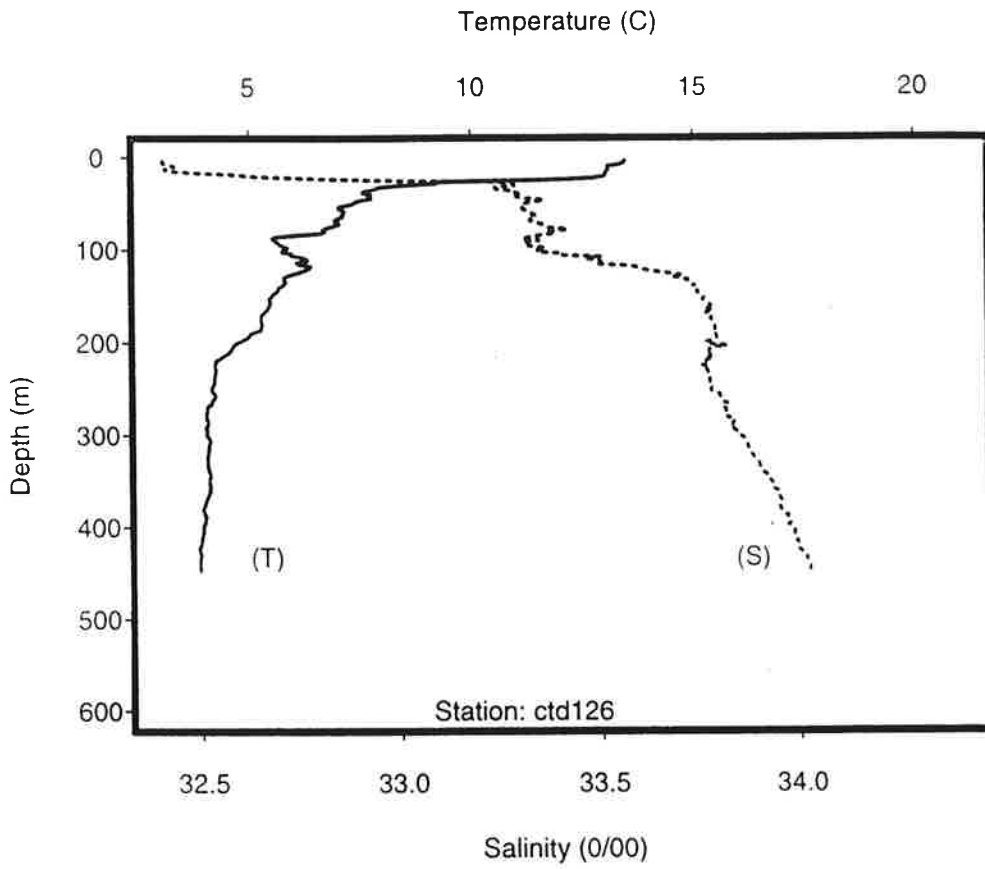
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.005	32.418	24.211
2	14.005	32.418	24.211
4	14.005	32.418	24.211
6	14.005	32.418	24.211
8	13.740	32.450	24.283
10	13.476	32.482	24.355
12	13.211	32.514	24.427
14	12.946	32.546	24.499
16	12.681	32.578	24.571
18	12.416	32.610	24.643
20	12.121	32.645	24.721
22	11.797	32.681	24.805
24	11.446	32.719	24.894
26	11.066	32.759	24.990
28	10.658	32.801	25.091
30	10.223	32.845	25.196
35	9.078	32.950	25.464
40	8.004	33.037	25.700
45	7.116	33.092	25.879
50	6.427	33.124	26.006
60	5.682	33.121	26.106
70	5.356	33.103	26.131
80	5.094	33.109	26.165
90	4.871	33.140	26.215
100	4.732	33.187	26.268
120	4.727	33.322	26.375
140	4.901	33.506	26.501
160	5.185	33.678	26.606
180	4.987	33.737	26.675
200	4.720	33.764	26.727
225	4.370	33.776	26.774
250	4.103	33.781	26.806
275	3.946	33.796	26.834
300	3.876	33.826	26.865
325	3.823	33.854	26.892
350	3.749	33.875	26.916
375	3.714	33.897	26.937
400	3.868	33.953	26.967
425	3.914	34.003	27.001
450	3.889	34.032	27.027
475	3.860	34.058	27.055



Station: ctd126

Month	Day	Year	Time	Latitude	Longitude
8	27	91	807	46.0053 N	177.4922 W

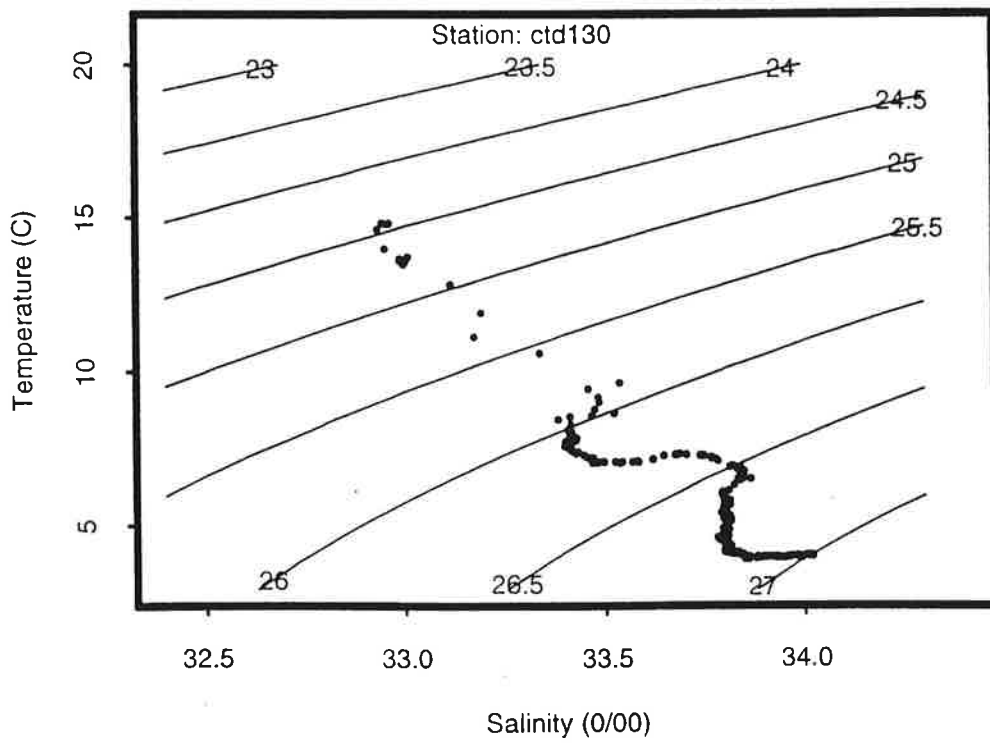
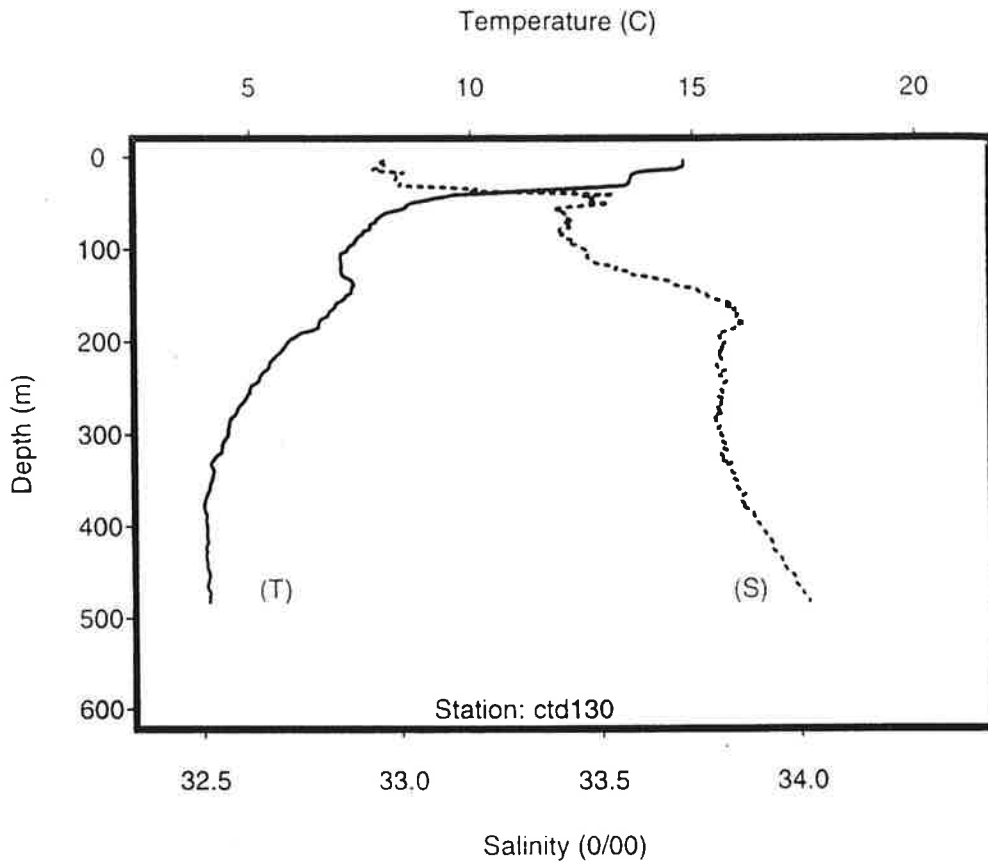
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.373	32.225	23.996
2	14.373	32.225	23.996
4	14.373	32.225	23.996
6	14.017	32.293	24.112
8	13.660	32.362	24.229
10	13.304	32.431	24.345
12	12.947	32.499	24.462
14	12.591	32.568	24.578
16	12.234	32.637	24.694
18	11.873	32.705	24.811
20	11.504	32.772	24.928
22	11.125	32.838	25.045
24	10.738	32.902	25.161
26	10.348	32.962	25.276
28	9.967	33.018	25.384
30	9.597	33.068	25.485
35	8.784	33.172	25.701
40	8.145	33.248	25.866
45	7.686	33.292	25.974
50	7.395	33.312	26.034
60	7.122	33.330	26.087
70	6.811	33.343	26.138
80	6.411	33.350	26.195
90	6.036	33.356	26.248
100	5.940	33.393	26.290
120	6.058	33.578	26.422
140	5.714	33.721	26.577
160	5.421	33.765	26.647
180	5.200	33.781	26.686
200	4.775	33.782	26.734
225	4.289	33.769	26.777
250	4.174	33.784	26.801
275	4.061	33.814	26.836
300	4.044	33.847	26.865
325	4.052	33.886	26.894
350	4.074	33.924	26.923
375	4.000	33.951	26.952
400	3.938	33.978	26.980
425	3.869	34.003	27.006



Station: ctd130

Month	Day	Year	Time	Latitude	Longitude
8	28	91	2242	44.5815 N	176.8137 W

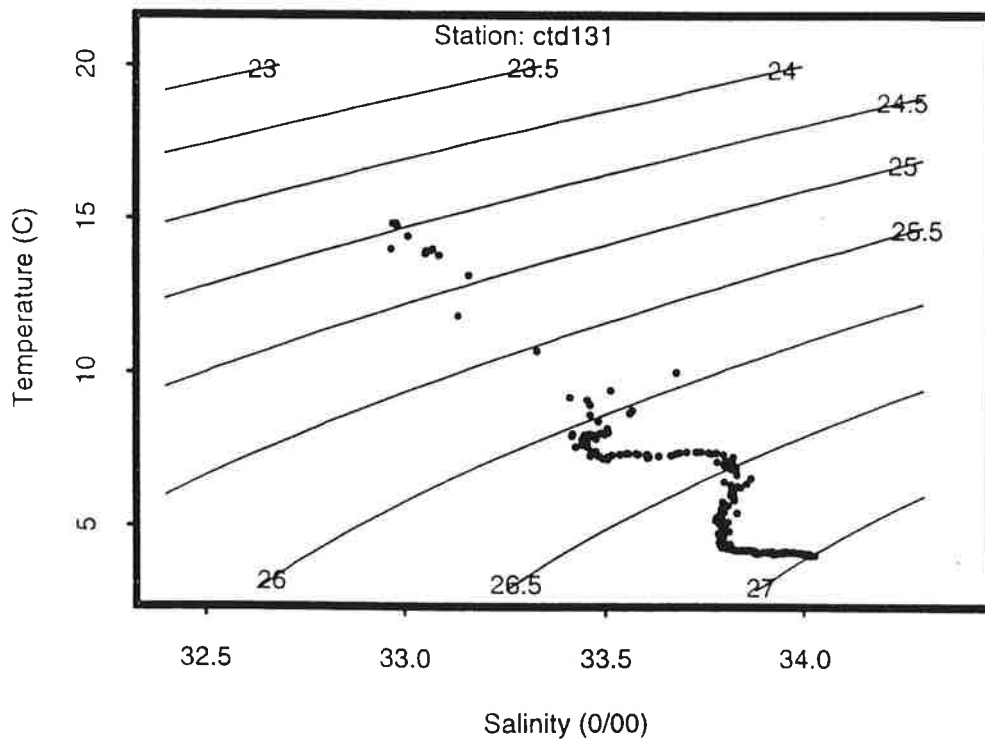
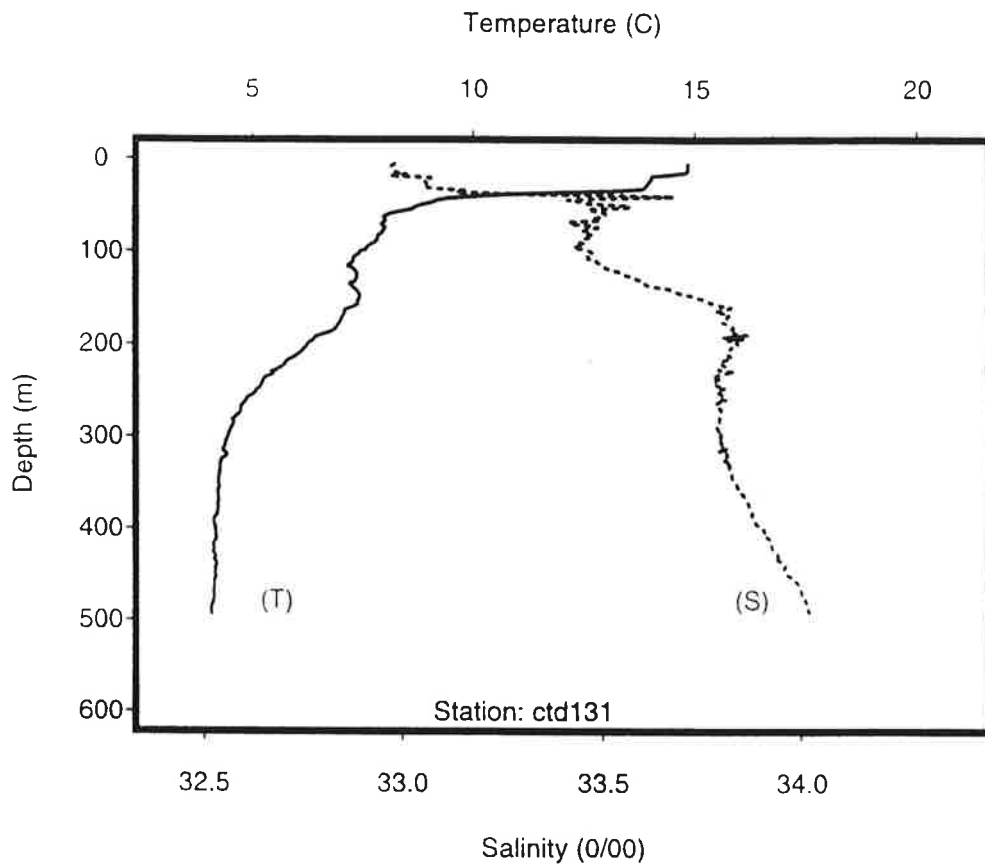
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.003	32.927	24.380
2	15.003	32.927	24.380
4	15.003	32.927	24.380
6	14.833	32.938	24.422
8	14.663	32.949	24.465
10	14.493	32.960	24.508
12	14.322	32.970	24.551
14	14.152	32.981	24.593
16	13.982	32.992	24.636
18	13.787	33.007	24.686
20	13.576	33.024	24.741
22	13.348	33.044	24.800
24	13.102	33.066	24.865
26	12.837	33.091	24.934
28	12.552	33.119	25.009
30	12.248	33.148	25.088
35	11.407	33.228	25.304
40	10.556	33.307	25.517
45	9.792	33.366	25.696
50	9.143	33.406	25.838
60	8.294	33.429	25.995
70	7.892	33.419	26.048
80	7.627	33.420	26.087
90	7.412	33.433	26.128
100	7.234	33.457	26.171
120	7.119	33.548	26.259
140	7.208	33.698	26.365
160	6.954	33.804	26.483
180	6.497	33.831	26.565
200	5.928	33.807	26.619
225	5.430	33.799	26.673
275	4.680	33.796	26.756
300	4.440	33.800	26.786
325	4.210	33.811	26.819
350	4.071	33.833	26.850
375	3.960	33.859	26.882
400	3.963	33.896	26.911
425	3.971	33.933	26.940
450	3.991	33.969	26.967
475	4.010	34.004	26.995



Station: ctd131

Month	Day	Year	Time	Latitude	Longitude
8	29	91	56	44.5647 N	176.6515 W

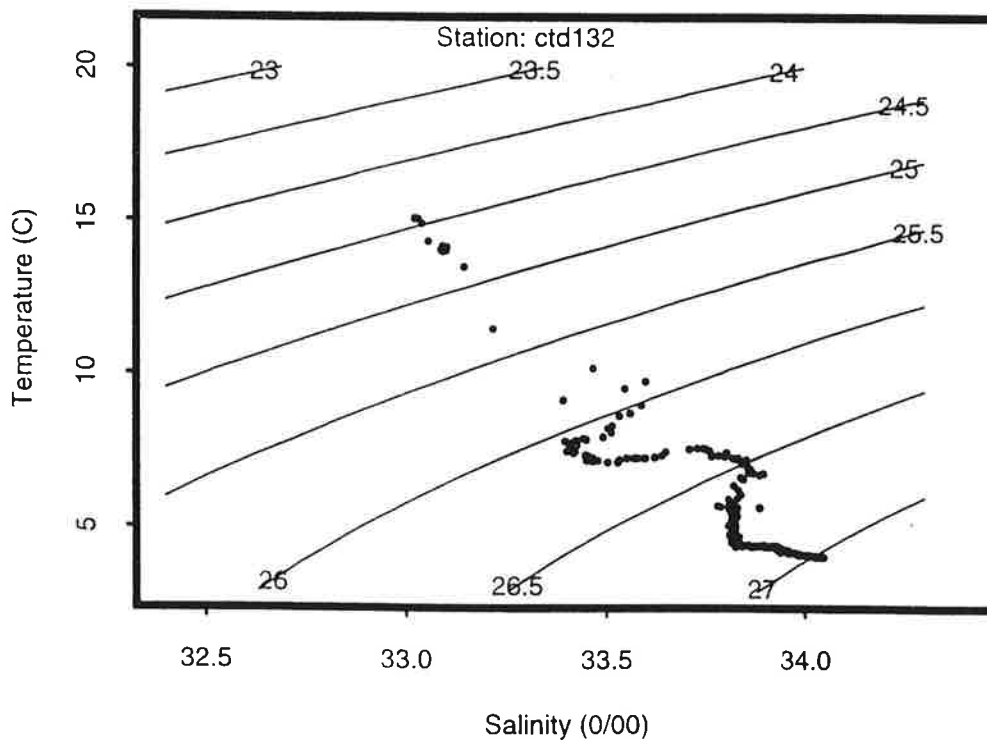
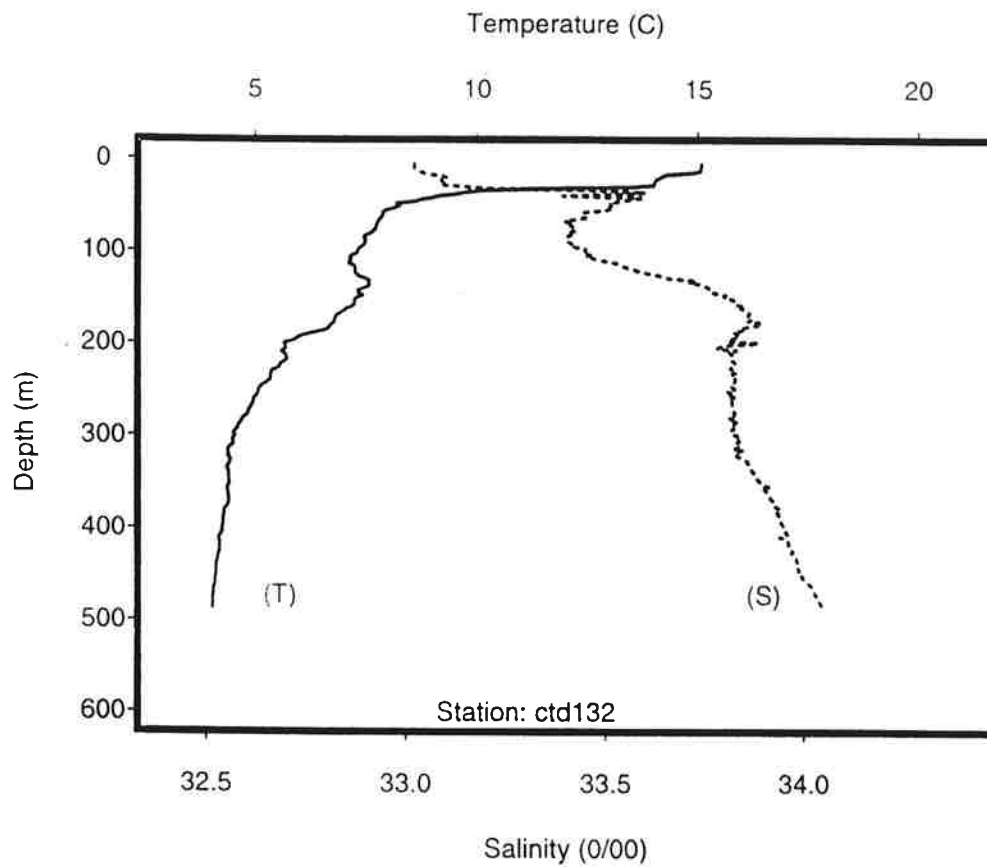
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.117	32.944	24.369
2	15.117	32.944	24.369
4	15.117	32.944	24.369
6	15.117	32.944	24.369
8	14.959	32.959	24.412
10	14.801	32.974	24.456
12	14.643	32.989	24.499
14	14.485	33.004	24.543
16	14.327	33.019	24.586
18	14.169	33.034	24.630
20	13.977	33.053	24.682
22	13.765	33.073	24.739
24	13.530	33.095	24.801
26	13.273	33.119	24.869
28	12.992	33.146	24.943
30	12.688	33.174	25.022
35	11.816	33.253	25.244
40	10.875	33.336	25.479
45	10.026	33.398	25.678
50	9.310	33.446	25.839
60	8.382	33.483	26.024
70	8.049	33.471	26.065
80	7.878	33.460	26.082
90	7.712	33.457	26.104
100	7.514	33.466	26.139
120	7.312	33.533	26.220
140	7.343	33.661	26.317
160	7.221	33.779	26.426
180	6.848	33.820	26.509
200	6.305	33.826	26.586
225	5.636	33.804	26.652
250	5.074	33.793	26.710
275	4.673	33.794	26.756
300	4.442	33.796	26.782
325	4.313	33.811	26.808
350	4.229	33.833	26.835
375	4.196	33.865	26.863
400	4.146	33.898	26.894
425	4.131	33.932	26.923
450	4.142	33.968	26.950
475	4.098	34.003	26.983



Station: ctd132

Month	Day	Year	Time	Latitude	Longitude
8	29	91	323	44.5667 N	176.5067 W

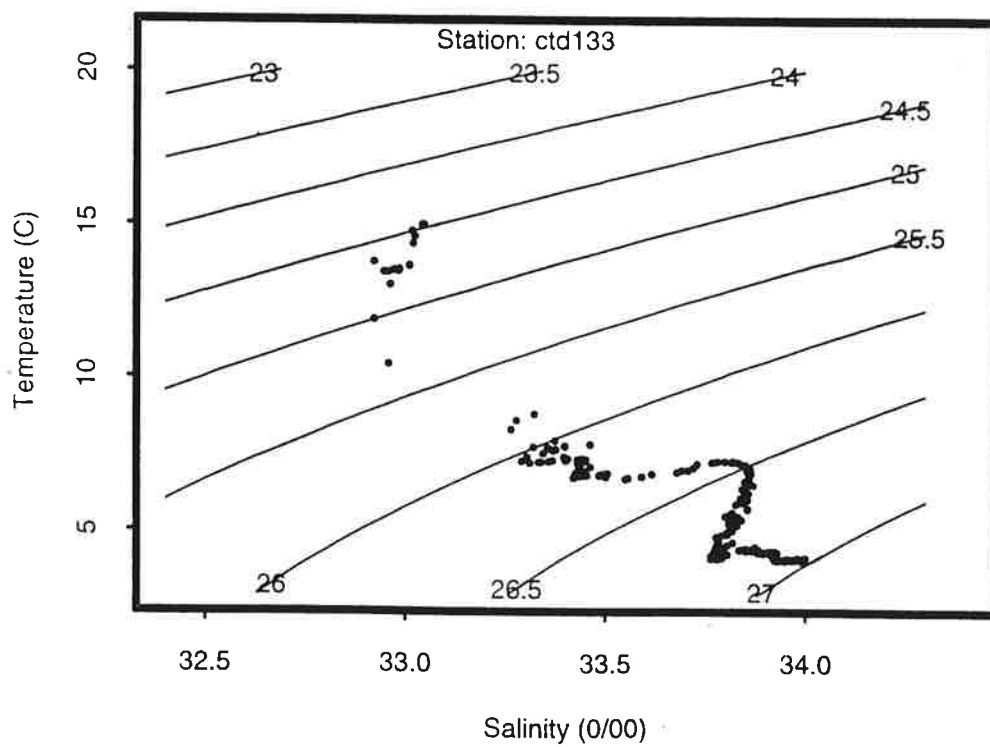
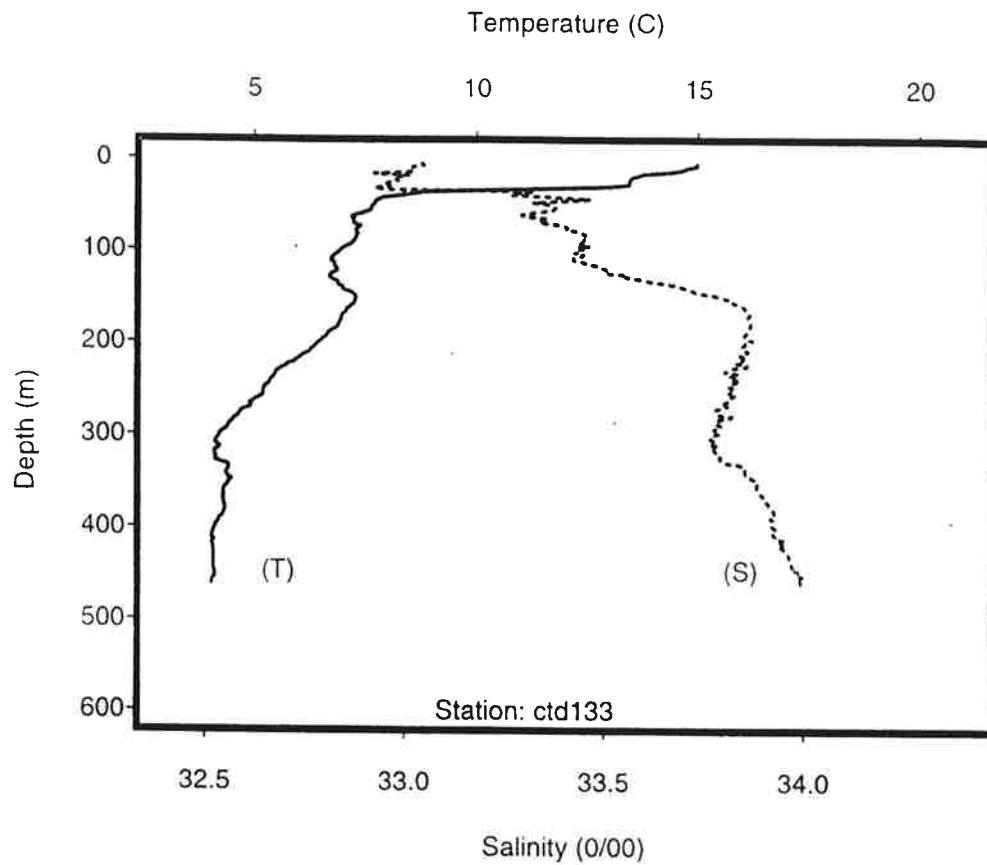
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.557	32.979	24.308
2	15.557	32.979	24.308
4	15.557	32.979	24.308
6	15.557	32.979	24.308
8	15.301	33.000	24.375
10	15.045	33.021	24.441
12	14.789	33.042	24.508
14	14.533	33.063	24.575
16	14.277	33.084	24.641
18	14.021	33.105	24.708
20	13.747	33.127	24.779
22	13.450	33.152	24.854
24	13.130	33.178	24.936
26	12.786	33.206	25.022
28	12.417	33.236	25.114
30	12.024	33.267	25.211
35	10.995	33.348	25.462
40	10.059	33.411	25.678
45	9.285	33.453	25.846
50	8.674	33.475	25.967
60	8.029	33.463	26.062
70	7.776	33.432	26.075
80	7.617	33.419	26.088
90	7.466	33.426	26.114
100	7.329	33.453	26.155
120	7.286	33.578	26.259
140	7.382	33.740	26.374
160	7.106	33.834	26.486
180	6.572	33.851	26.570
200	5.897	33.825	26.637
225	5.506	33.819	26.680
250	5.123	33.819	26.725
275	4.811	33.820	26.761
300	4.534	33.826	26.795
325	4.411	33.848	26.827
350	4.391	33.889	26.862
375	4.349	33.925	26.895
400	4.253	33.948	26.923
425	4.177	33.969	26.948
450	4.111	33.995	26.975
475	4.051	34.030	27.010



Station: ctd133

Month	Day	Year	Time	Latitude	Longitude
8	29	91	621	44.5792 N	176.3543 W

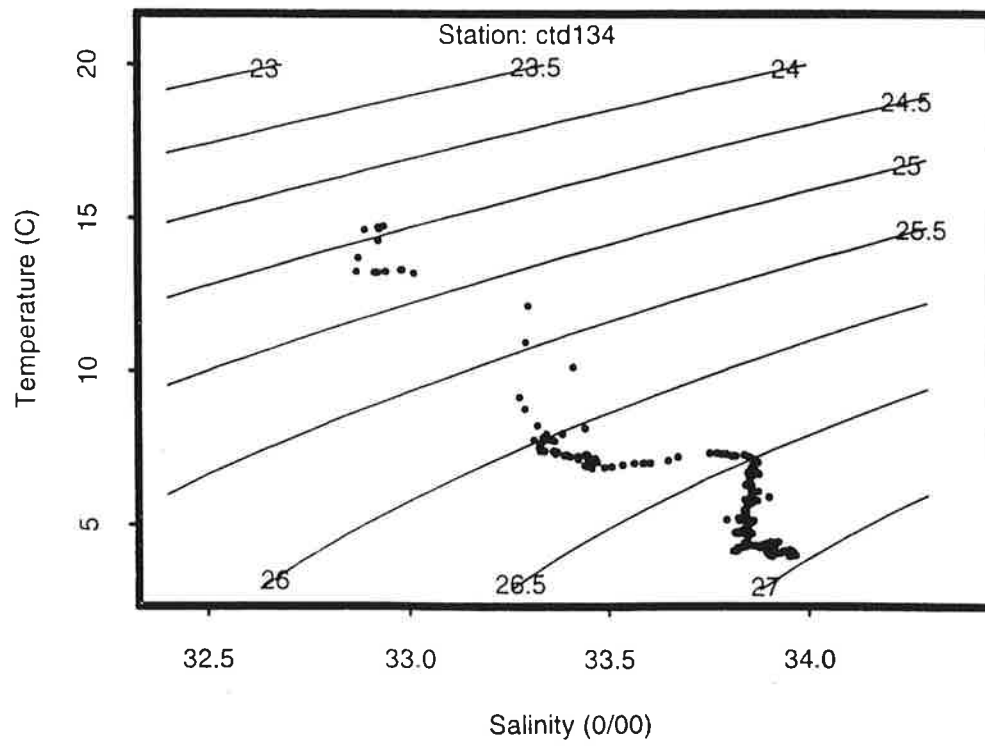
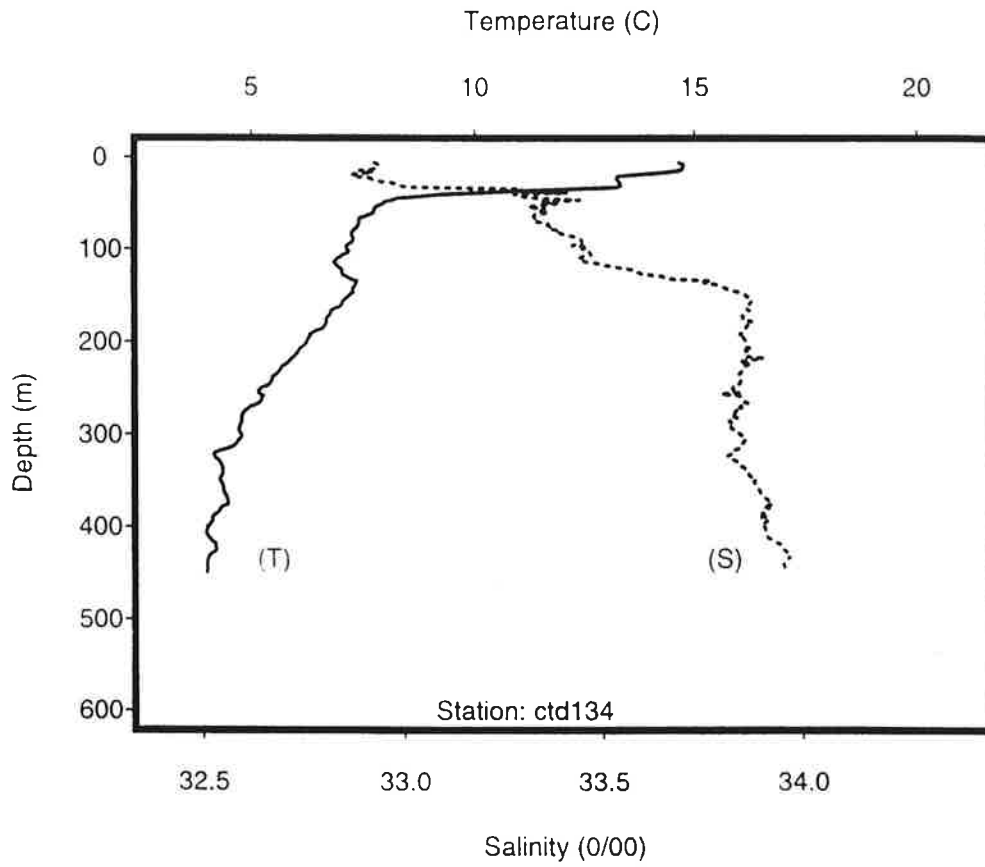
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.281	33.010	24.394
2	15.281	33.010	24.394
4	15.281	33.010	24.394
6	15.281	33.010	24.394
8	15.006	33.010	24.448
10	14.731	33.011	24.502
12	14.457	33.012	24.555
14	14.182	33.012	24.609
16	13.907	33.013	24.662
18	13.632	33.014	24.716
20	13.335	33.019	24.777
22	13.017	33.028	24.843
24	12.677	33.039	24.914
26	12.315	33.053	24.991
28	11.932	33.070	25.074
30	11.527	33.090	25.162
35	10.459	33.153	25.400
40	9.482	33.220	25.621
45	8.693	33.275	25.797
50	8.092	33.314	25.928
60	7.490	33.353	26.054
70	7.341	33.373	26.090
80	7.266	33.407	26.128
90	7.160	33.433	26.162
100	6.999	33.443	26.193
120	6.819	33.504	26.265
140	7.008	33.676	26.375
160	7.124	33.821	26.473
180	6.858	33.858	26.538
200	6.452	33.854	26.589
225	5.774	33.836	26.660
250	5.237	33.818	26.711
275	4.736	33.796	26.750
300	4.273	33.778	26.786
325	4.219	33.803	26.812
350	4.372	33.871	26.849
375	4.302	33.908	26.886
400	4.141	33.927	26.918
425	4.070	33.952	26.945
450	4.075	33.979	26.968



Station: ctd134

Month	Day	Year	Time	Latitude	Longitude
8	29	91	824	44.5678 N	176.1877 W

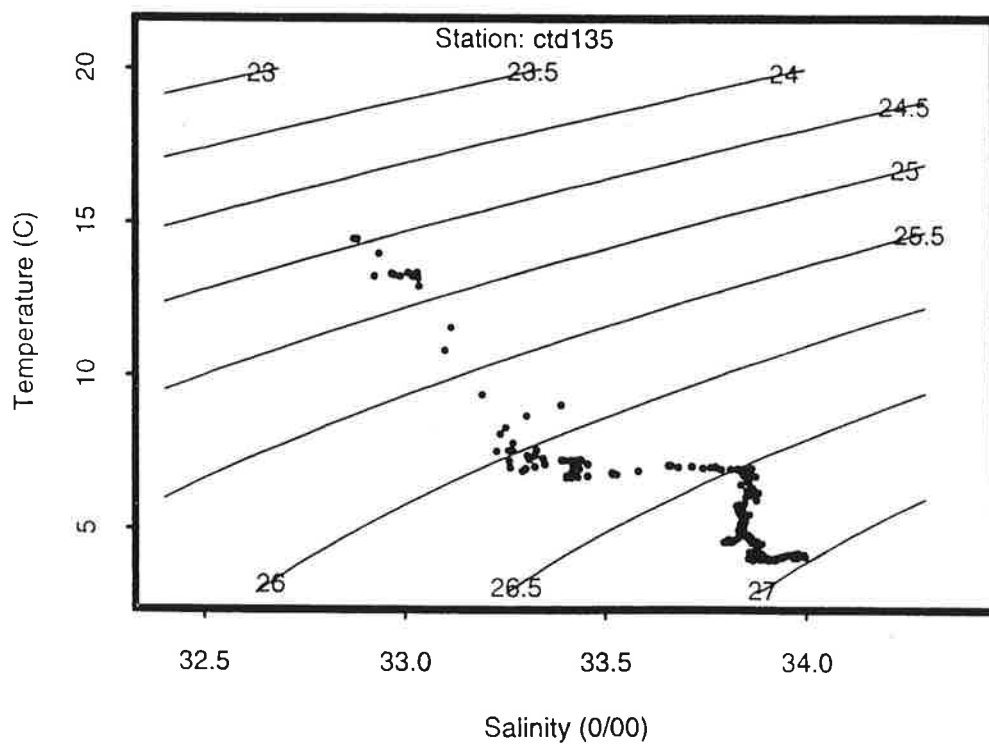
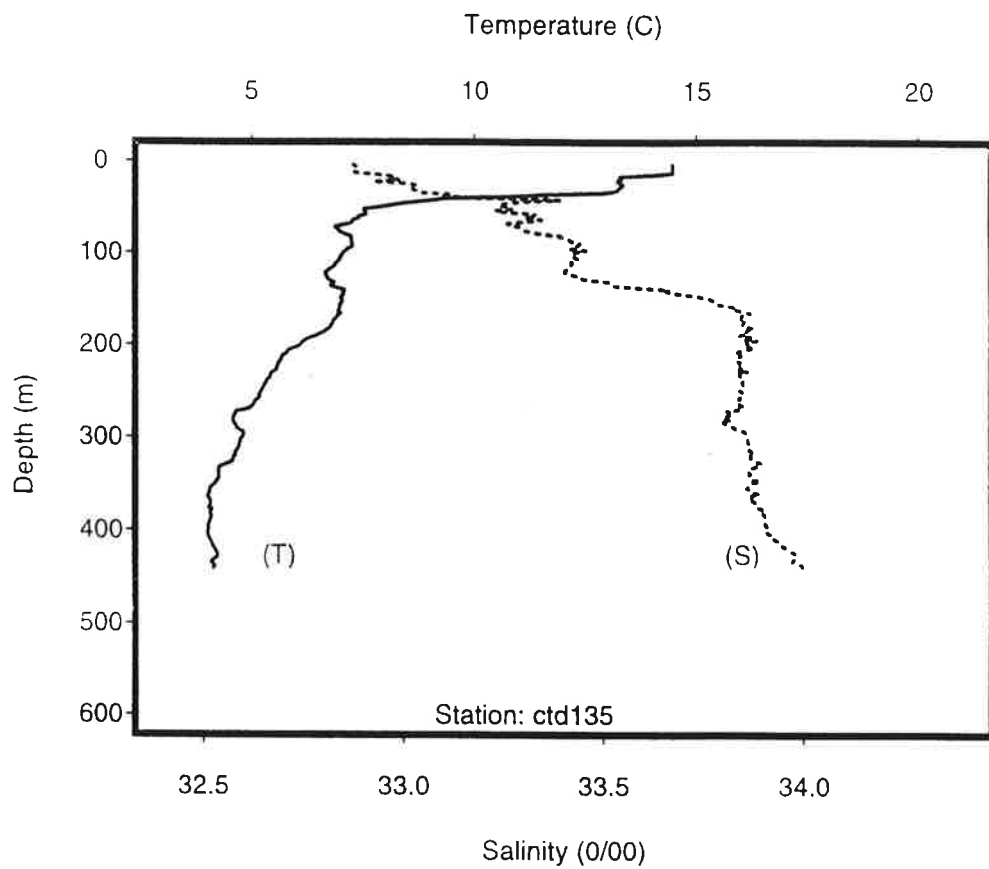
Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	15.069	32.874	24.328
2	15.069	32.874	24.328
4	15.069	32.874	24.328
6	15.069	32.874	24.328
8	14.857	32.888	24.381
10	14.644	32.902	24.434
12	14.432	32.916	24.487
14	14.219	32.930	24.540
16	14.007	32.944	24.593
18	13.794	32.958	24.646
20	13.549	32.974	24.706
22	13.287	32.994	24.771
24	13.005	33.015	24.841
26	12.704	33.039	24.916
28	12.384	33.066	24.995
30	12.043	33.094	25.079
35	11.098	33.170	25.307
40	10.125	33.237	25.530
45	9.276	33.288	25.714
50	8.586	33.323	25.857
60	7.750	33.348	26.012
70	7.464	33.362	26.065
80	7.319	33.392	26.108
90	7.217	33.425	26.149
100	7.112	33.452	26.184
120	7.034	33.558	26.279
140	7.183	33.764	26.420
160	6.966	33.857	26.523
180	6.605	33.860	26.573
200	6.231	33.859	26.621
225	5.757	33.855	26.678
250	5.309	33.840	26.720
275	4.914	33.836	26.762
300	4.679	33.837	26.789
325	4.334	33.837	26.826
350	4.336	33.875	26.856
375	4.320	33.904	26.881
400	4.095	33.911	26.911
425	4.076	33.945	26.938
450	3.940	33.955	26.961



Station: ctd135

Month	Day	Year	Time	Latitude	Longitude
8	29	91	1050	44.5823 N	176.0122 W

Depth (m)	Temperature (C)	Salinity (0/00)	Density (Sigma-t)
0	14.632	32.858	24.402
2	14.632	32.858	24.402
4	14.632	32.858	24.402
6	14.496	32.872	24.440
8	14.360	32.885	24.479
10	14.224	32.899	24.517
12	14.088	32.912	24.555
14	13.952	32.926	24.594
16	13.806	32.940	24.634
18	13.655	32.953	24.675
20	13.485	32.968	24.720
22	13.296	32.984	24.769
24	13.083	33.002	24.824
26	12.843	33.022	24.883
28	12.569	33.041	24.949
30	12.260	33.062	25.021
35	11.323	33.116	25.229
40	10.253	33.173	25.459
45	9.248	33.221	25.667
50	8.415	33.255	25.831
60	7.479	33.292	26.006
70	7.177	33.313	26.066
80	7.125	33.358	26.108
90	7.140	33.406	26.144
100	7.065	33.426	26.170
120	6.784	33.435	26.215
140	6.913	33.618	26.342
160	6.953	33.807	26.486
180	6.686	33.853	26.557
200	6.083	33.853	26.636
225	5.542	33.840	26.692
250	5.212	33.844	26.734
275	4.744	33.821	26.769
300	4.720	33.849	26.795
325	4.492	33.870	26.836
350	4.147	33.869	26.871
400	4.024	33.913	26.919
425	4.131	33.965	26.949





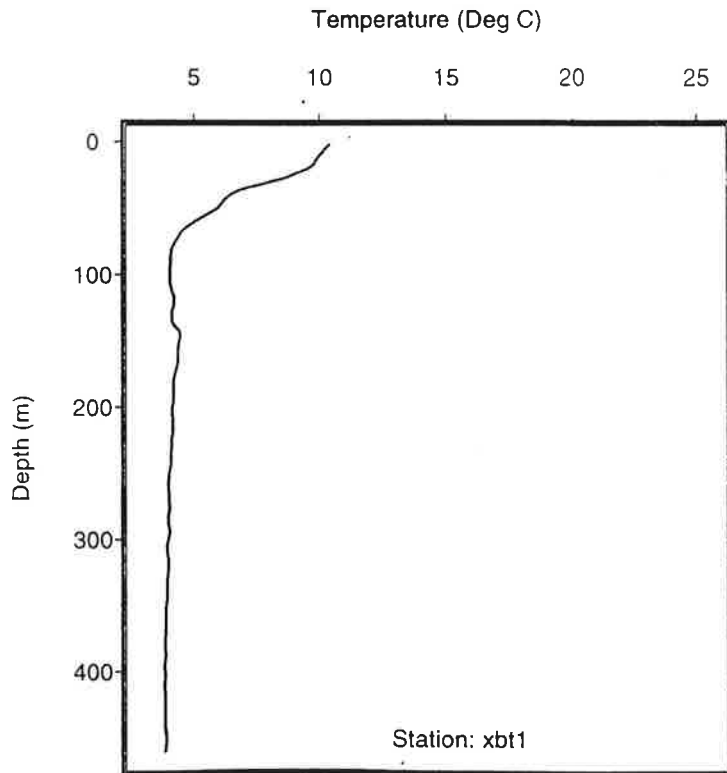
APPENDIX 2

Tabular and graphical summaries of expendable bathythermograph (XBT) data collected during the R/V *Acania* cruise in 1991.

Station: xbt1

Month Day Year Time Latitude Longitude
7 8 91 1930 54.9532 N 152.4802 W

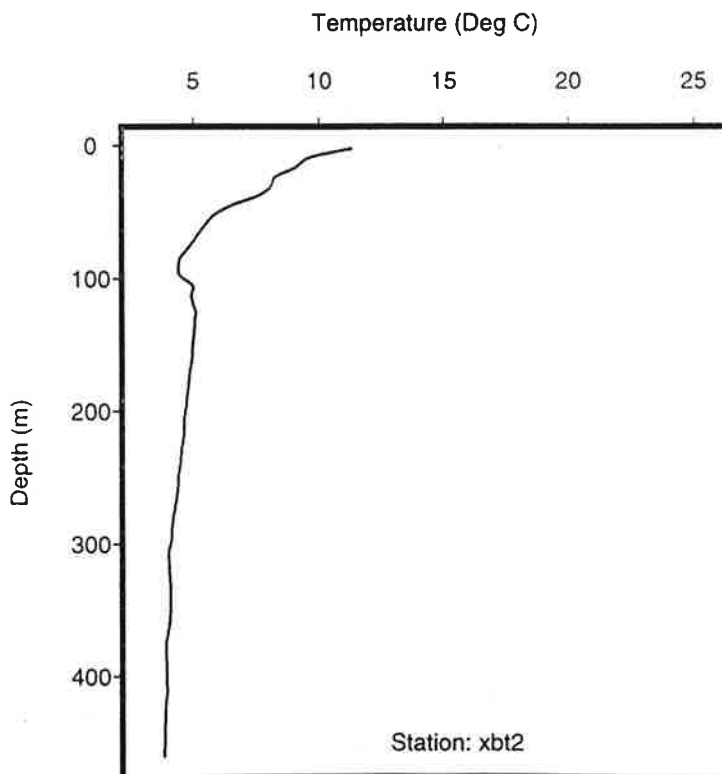
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	10.868	60	5.028
2	10.868	70	4.420
4	10.258	80	4.127
6	10.182	90	4.062
8	10.105	100	4.033
10	9.993	120	4.198
12	9.898	140	4.286
14	9.838	160	4.342
16	9.798	180	4.168
18	9.750	200	4.132
20	9.548	225	4.098
22	9.225	250	4.002
24	8.985	275	4.012
26	8.788	300	3.956
28	8.533	325	3.951
30	8.098	350	3.884
35	6.964	375	3.841
40	6.442	400	3.838
45	6.144	425	3.842
50	5.943	450	3.894



Station: xbt2

Month	Day	Year	Time	Latitude	Longitude
7	9	91	2033	51.5752 N	153.2875 W

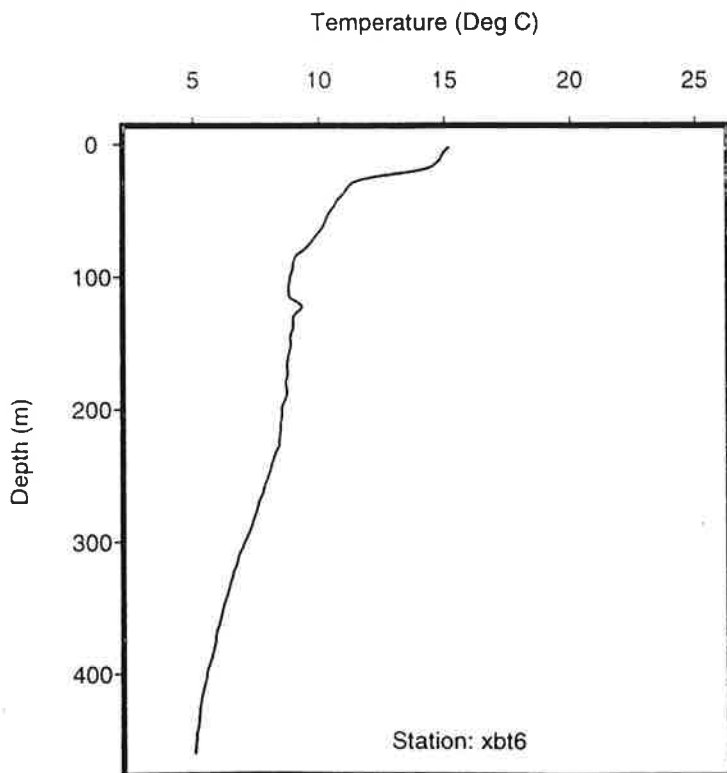
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	11.705	60	5.452
2	11.705	70	5.068
4	10.690	80	4.683
6	10.193	90	4.463
8	9.665	100	4.612
10	9.422	120	5.017
12	9.343	140	5.043
14	9.242	160	4.960
16	9.052	180	4.815
18	8.863	200	4.688
20	8.615	225	4.559
22	8.326	250	4.402
24	8.195	275	4.262
26	8.170	300	4.095
28	8.143	325	4.068
30	8.103	350	4.099
35	7.807	375	3.912
40	7.264	400	3.923
45	6.477	425	3.885
50	6.008	450	3.858



Station: xbt6

Month	Day	Year	Time	Latitude	Longitude
7	12	91	1430	42.5633 N	155.0067 W

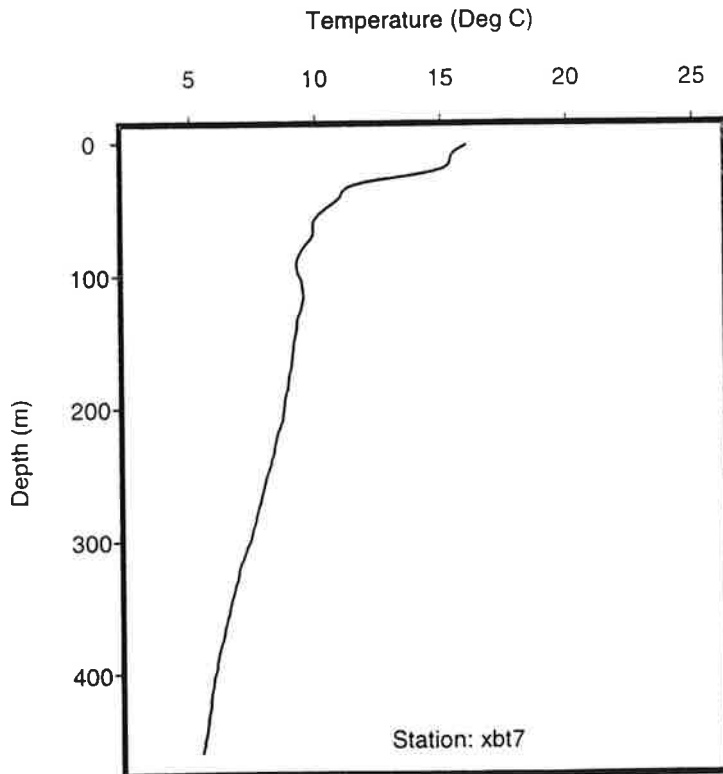
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	15.528	60	10.198
2	15.528	70	9.807
4	15.063	80	9.305
6	14.922	90	8.955
8	14.885	100	8.837
10	14.857	120	9.255
12	14.808	140	8.922
14	14.690	160	8.743
16	14.512	180	8.655
18	14.315	200	8.493
20	13.929	225	8.390
22	13.029	250	7.978
24	12.098	275	7.520
26	11.650	300	7.010
28	11.412	325	6.540
30	11.245	350	6.152
35	11.038	375	5.858
40	10.796	400	5.505
45	10.627	425	5.228
50	10.405	450	5.072



Station: xbt7

Month Day Year Time Latitude Longitude
 7 12 91 1800 42.0875 N 154.9803 W

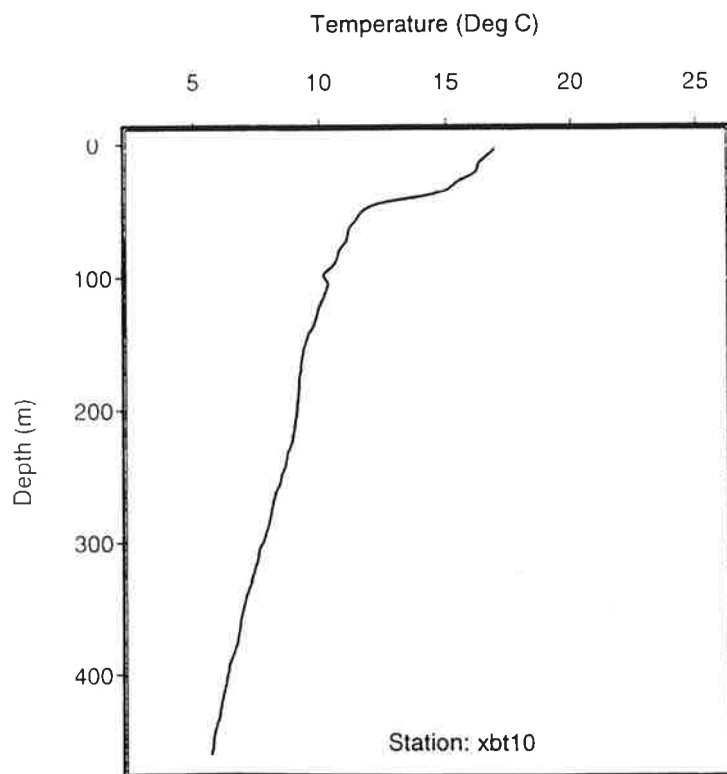
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	16.303	60	9.874
2	16.303	70	9.853
4	15.818	80	9.457
6	15.602	90	9.215
8	15.467	100	9.338
10	15.427	120	9.475
12	15.402	140	9.214
14	15.372	160	9.045
16	15.330	180	8.883
18	15.268	200	8.687
20	15.040	225	8.352
22	14.570	250	8.003
24	14.043	275	7.648
26	13.415	300	7.295
28	12.558	325	6.822
30	11.808	350	6.458
35	11.145	375	6.164
40	10.995	400	5.872
45	10.705	425	5.678
50	10.350	450	5.440



Station: xbt10

Month	Day	Year	Time	Latitude	Longitude
7	13	91	1100	41.4228 N	156.4908 W

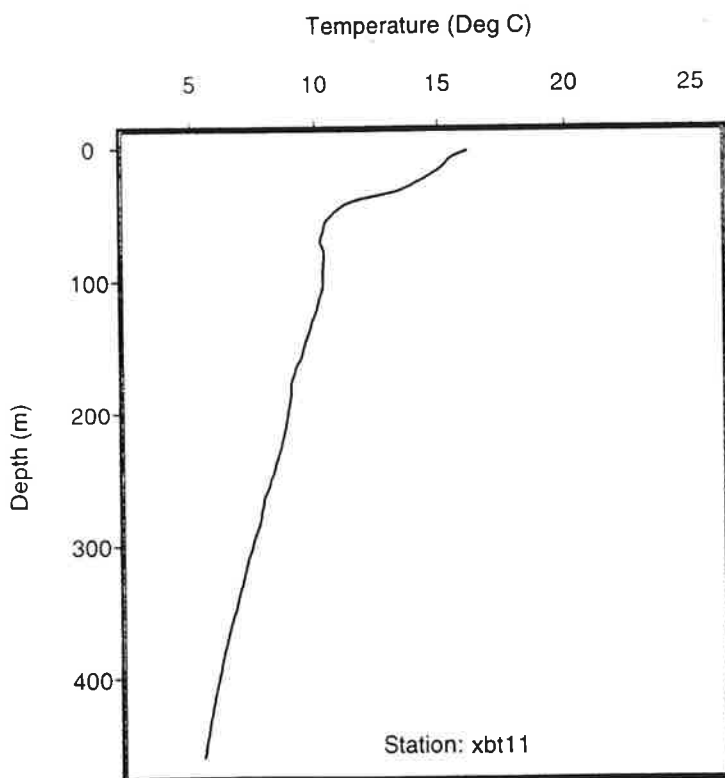
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	17.358	60	11.260
2	17.358	70	11.067
4	16.763	80	10.662
6	16.633	90	10.528
8	16.575	100	10.162
10	16.440	120	9.992
12	16.297	140	9.611
14	16.242	160	9.298
16	16.218	180	9.172
18	16.210	200	9.077
20	16.171	225	8.859
22	15.967	250	8.433
24	15.645	275	8.057
26	15.442	300	7.703
28	15.367	325	7.294
30	15.273	350	6.905
35	14.715	375	6.670
40	13.455	400	6.283
45	12.068	425	6.007
50	11.625	450	5.726



Station: xbt11

Month	Day	Year	Time	Latitude	Longitude
7	13	91	1400	41.8633 N	156.4842 W

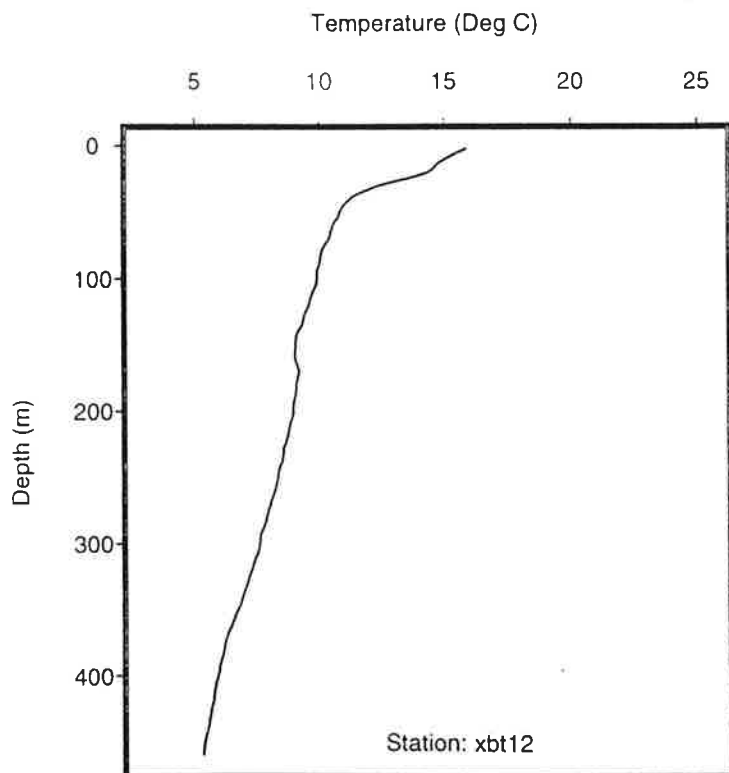
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	16.490	60	10.314
2	16.490	70	10.175
4	15.890	80	10.342
6	15.620	90	10.303
8	15.420	100	10.320
10	15.348	120	10.040
12	15.318	140	9.685
14	15.248	160	9.352
16	15.047	180	8.970
18	14.820	200	8.832
20	14.690	225	8.561
22	14.556	250	8.143
24	14.345	275	7.747
26	14.108	300	7.363
28	13.912	325	6.992
30	13.750	350	6.650
35	12.720	375	6.291
40	11.485	400	6.005
45	10.977	425	5.723
50	10.663	450	5.481



Station: xbt12

Month	Day	Year	Time	Latitude	Longitude
7	13	91	1717	42.3108 N	156.4967 W

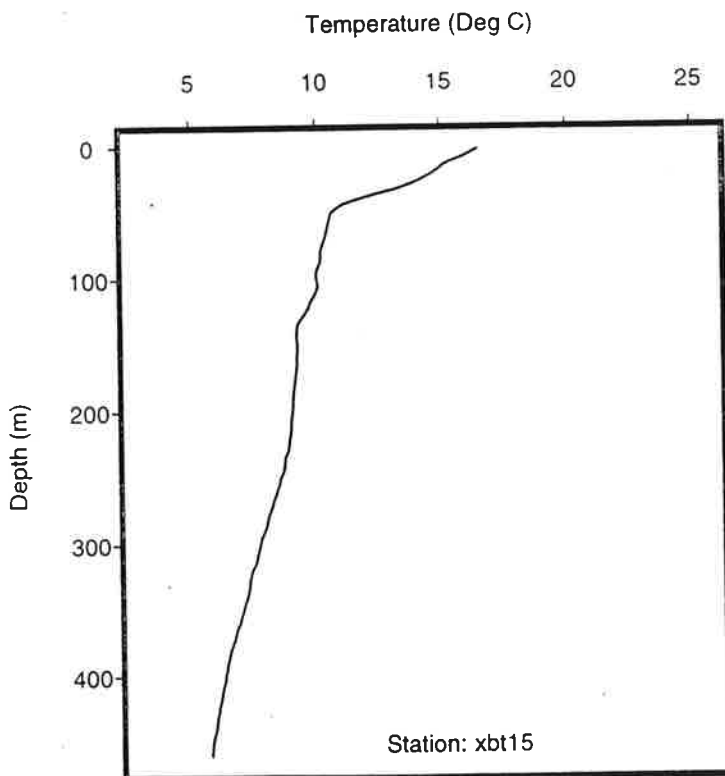
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	16.202	60	10.538
2	16.202	70	10.400
4	15.645	80	10.062
6	15.430	90	9.962
8	15.257	100	9.895
10	15.100	120	9.562
12	14.892	140	9.120
14	14.708	160	9.000
16	14.625	180	9.057
18	14.562	200	8.932
20	14.388	225	8.589
22	14.052	250	8.288
24	13.657	275	7.896
26	13.280	300	7.533
28	12.805	325	7.125
30	12.320	350	6.675
35	11.689	375	6.146
40	11.225	400	5.853
45	10.965	425	5.585
50	10.825	450	5.322



Station: xbt15

Month Day Year Time Latitude Longitude
 7 14 91 1200 42.5313 N 157.9855 W

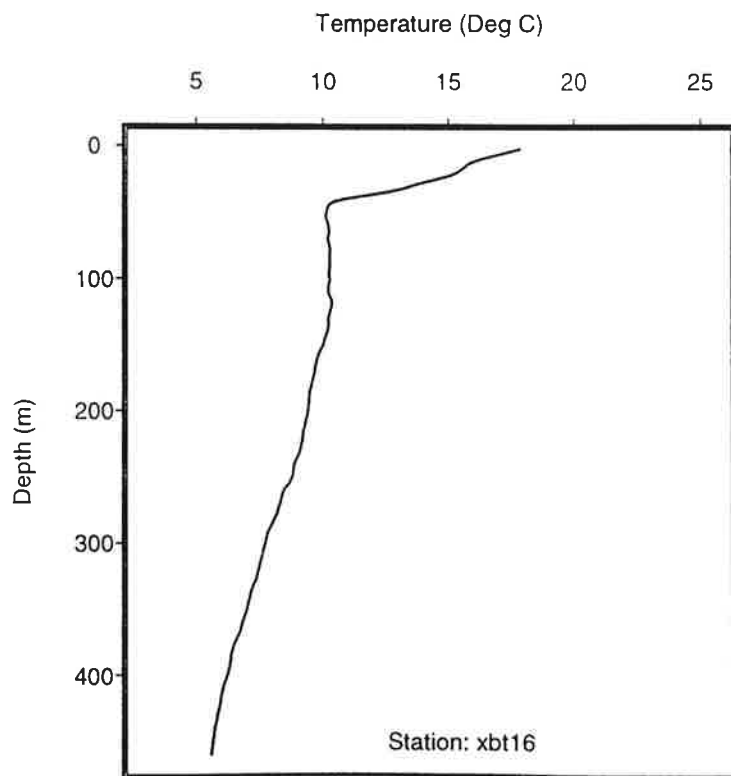
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	16.708	60	10.471
2	16.708	70	10.355
4	16.228	80	10.178
6	16.087	90	10.108
8	15.927	100	9.987
10	15.652	120	9.707
12	15.342	140	9.216
14	15.158	160	9.187
16	15.073	180	9.077
18	14.915	200	8.992
20	14.746	225	8.840
22	14.593	250	8.505
24	14.368	275	8.079
26	14.162	300	7.668
28	13.963	325	7.268
30	13.658	350	6.969
35	12.626	375	6.549
40	11.761	400	6.242
45	10.976	425	5.976
50	10.643	450	5.722



Station: xbt16

Month	Day	Year	Time	Latitude	Longitude
7	14	91	1500	42.09 N	157.9992 W

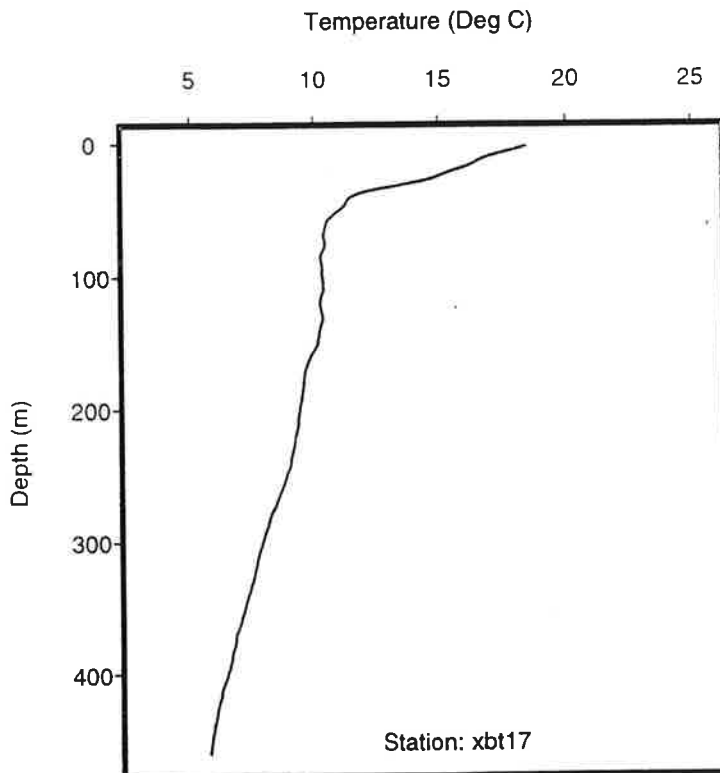
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	17.970	60	10.208
2	17.970	70	10.172
4	17.335	80	10.260
6	17.052	90	10.270
8	16.705	100	10.258
10	16.250	120	10.330
12	15.907	140	10.153
14	15.753	160	9.765
16	15.652	180	9.527
18	15.507	200	9.393
20	15.345	225	9.151
22	15.128	250	8.768
24	14.760	275	8.192
26	14.260	300	7.720
28	13.875	325	7.394
30	13.590	350	7.010
35	12.435	375	6.538
40	10.702	400	6.232
45	10.222	425	5.898
50	10.113	450	5.655



Station: xbt17

Month Day Year Time Latitude Longitude
7 14 91 1801 41.665 N 158.0067 W

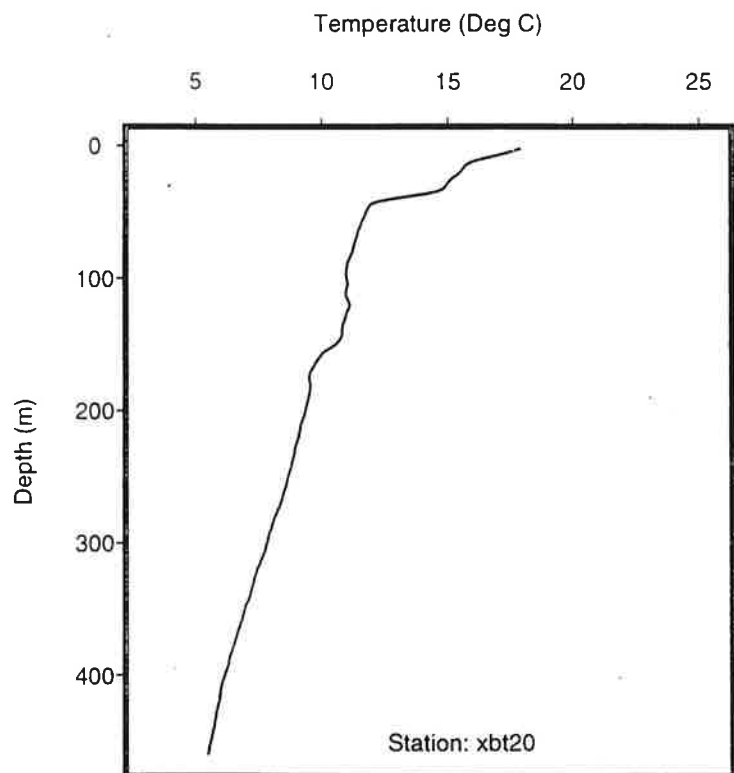
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	18.457	60	10.469
2	18.457	70	10.377
4	18.040	80	10.365
6	17.655	90	10.302
8	17.253	100	10.320
10	16.878	120	10.220
12	16.590	140	10.144
14	16.492	160	9.822
16	16.312	180	9.540
18	15.932	200	9.377
20	15.558	225	9.157
22	15.296	250	8.818
24	15.073	275	8.310
26	14.795	300	7.838
28	14.417	325	7.504
30	13.853	350	7.113
35	12.214	375	6.725
40	11.433	400	6.385
45	11.298	425	5.985
50	10.972	450	5.738



Station: xbt20

Month	Day	Year	Time	Latitude	Longitude
7	15	91	1015	41.6815 N	159.491 W

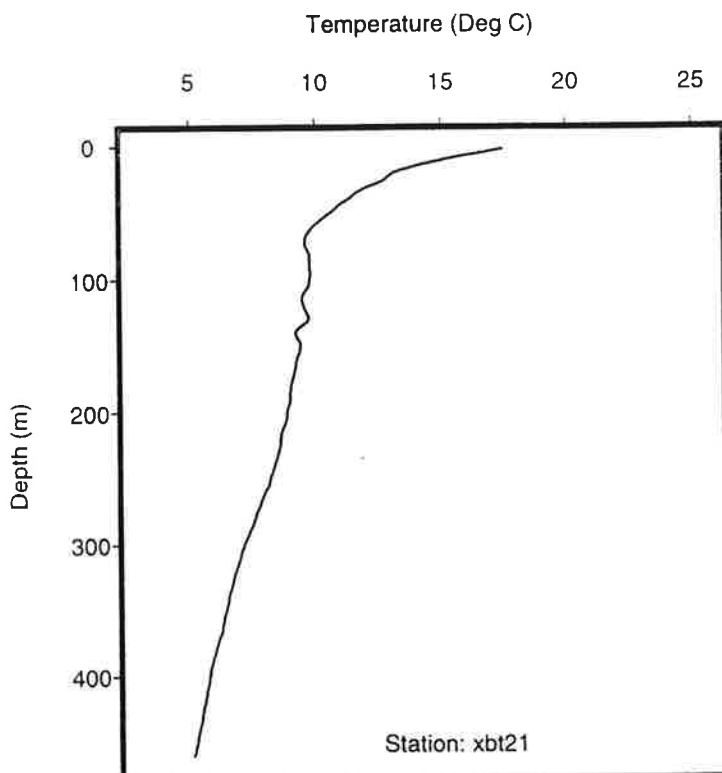
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	17.847	60	11.552
2	17.847	70	11.363
4	17.377	80	11.210
6	17.208	90	11.028
8	16.822	100	10.975
10	16.252	120	11.135
12	15.857	140	10.801
14	15.733	160	9.887
16	15.655	180	9.535
18	15.575	200	9.317
20	15.522	225	8.976
22	15.403	250	8.652
24	15.188	275	8.242
26	15.052	300	7.792
28	14.993	325	7.346
30	14.923	350	6.939
35	14.428	375	6.553
40	12.734	400	6.163
45	11.896	425	5.862
50	11.767	450	5.594



Station: xbt21

Month	Day	Year	Time	Latitude	Longitude
7	15	91	1329	42.1533 N	159.5233 W

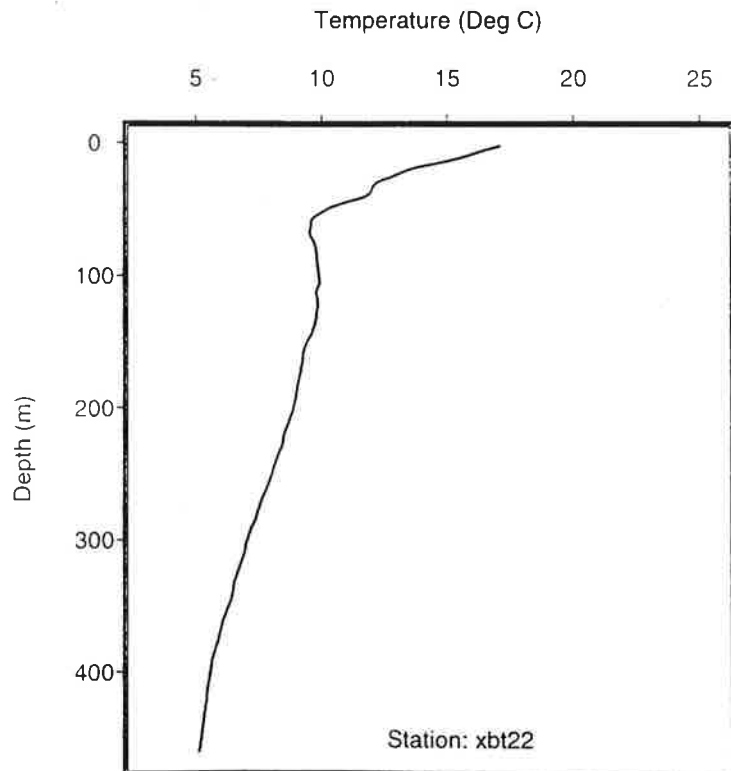
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	17.462	60	9.920
2	17.462	70	9.595
4	17.000	80	9.763
6	16.312	90	9.775
8	15.573	100	9.767
10	15.103	120	9.537
12	14.720	140	9.204
14	14.260	160	9.252
16	13.687	180	9.038
18	13.320	200	8.860
20	13.109	225	8.581
22	12.949	250	8.188
24	12.853	275	7.658
26	12.722	300	7.129
28	12.482	325	6.711
30	12.140	350	6.381
35	11.616	375	6.024
40	11.289	400	5.702
45	10.859	425	5.438
50	10.560	450	5.207



Station: xbt22

Month	Day	Year	Time	Latitude	Longitude
7	15	91	1600	42.515 N	159.4817 W

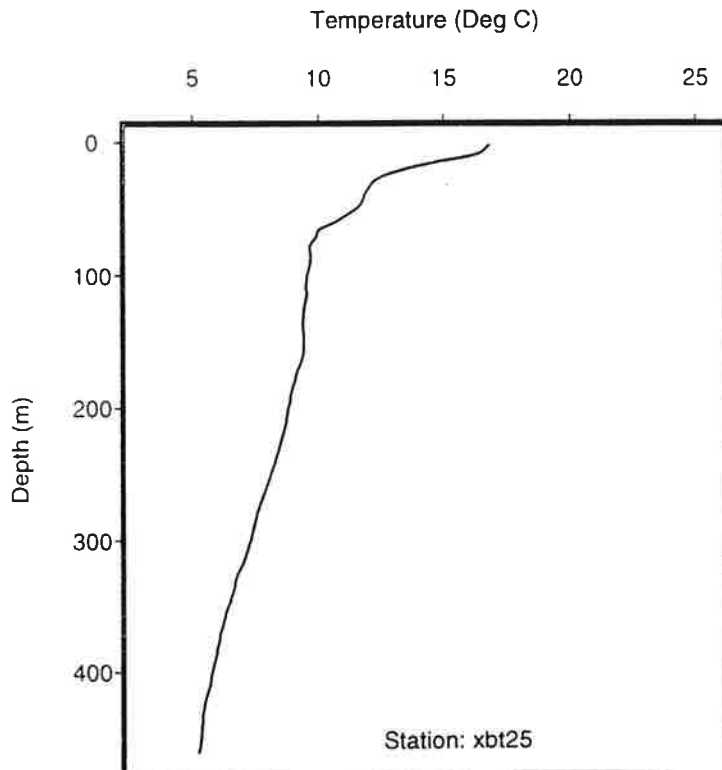
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	17.323	60	9.596
2	17.323	70	9.540
4	16.692	80	9.765
6	16.362	90	9.818
8	16.020	100	9.880
10	15.698	120	9.818
12	15.473	140	9.623
14	15.063	160	9.242
16	14.320	180	9.050
18	13.705	200	8.858
20	13.402	225	8.441
22	13.197	250	8.000
24	13.050	275	7.508
26	12.753	300	7.038
28	12.370	325	6.647
30	12.157	350	6.302
35	11.981	375	5.879
40	11.753	400	5.567
45	10.834	425	5.389
50	10.230	450	5.211



Station: xbt25

Month	Day	Year	Time	Latitude	Longitude
7	16	91	1206	42.5037 N	160.9922 W

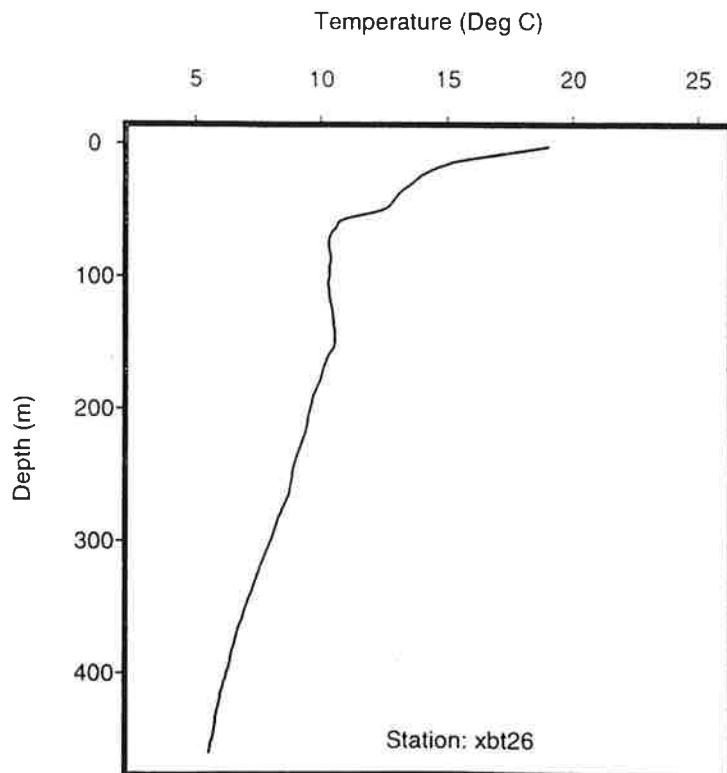
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	17.183	60	10.727
2	17.183	70	9.953
4	16.672	80	9.645
6	16.570	90	9.665
8	16.510	100	9.547
10	16.265	120	9.455
12	15.647	140	9.376
14	14.880	160	9.357
16	14.302	180	9.020
18	13.855	200	8.787
20	13.475	225	8.489
22	13.110	250	8.088
24	12.748	275	7.613
26	12.495	300	7.270
28	12.325	325	6.757
30	12.200	350	6.372
35	11.999	375	6.014
40	11.865	400	5.717
45	11.746	425	5.416
50	11.512	450	5.278



Station: xbt26

Month Day Year Time Latitude Longitude
7 16 91 1525 42.015 N 160.9967 W

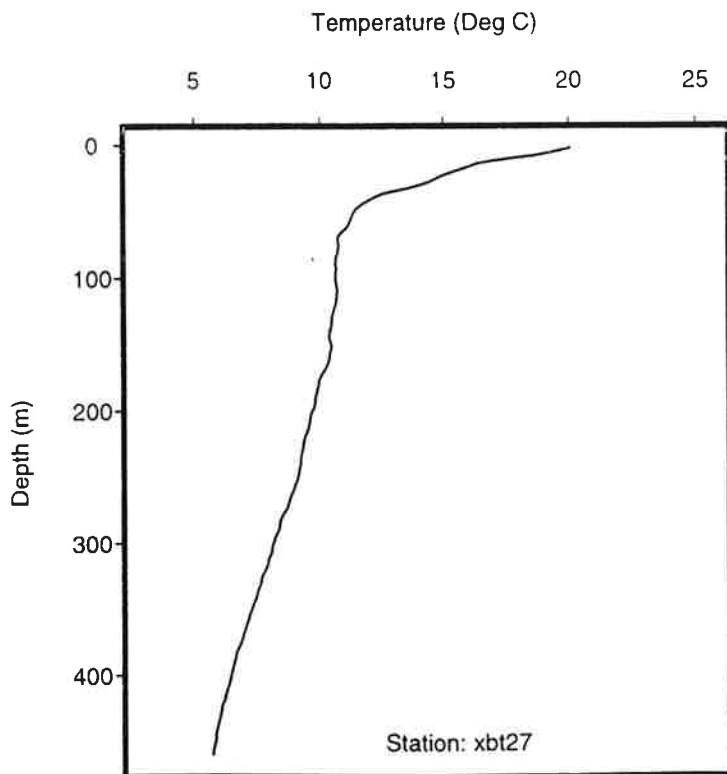
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	19.063	60	10.682
2	19.063	70	10.325
4	18.207	80	10.308
6	17.682	90	10.358
8	17.037	100	10.315
10	16.357	120	10.378
12	15.702	140	10.528
14	15.180	160	10.267
16	14.822	180	9.933
18	14.620	200	9.558
20	14.388	225	9.237
22	14.112	250	8.857
24	13.943	275	8.482
26	13.828	300	7.987
28	13.742	325	7.480
30	13.625	350	6.985
35	13.212	375	6.567
40	12.987	400	6.232
45	12.772	425	5.891
50	12.350	450	5.635



Station: xbt27

Month	Day	Year	Time	Latitude	Longitude
7	16	91	1815	41.6167 N	160.9983 W

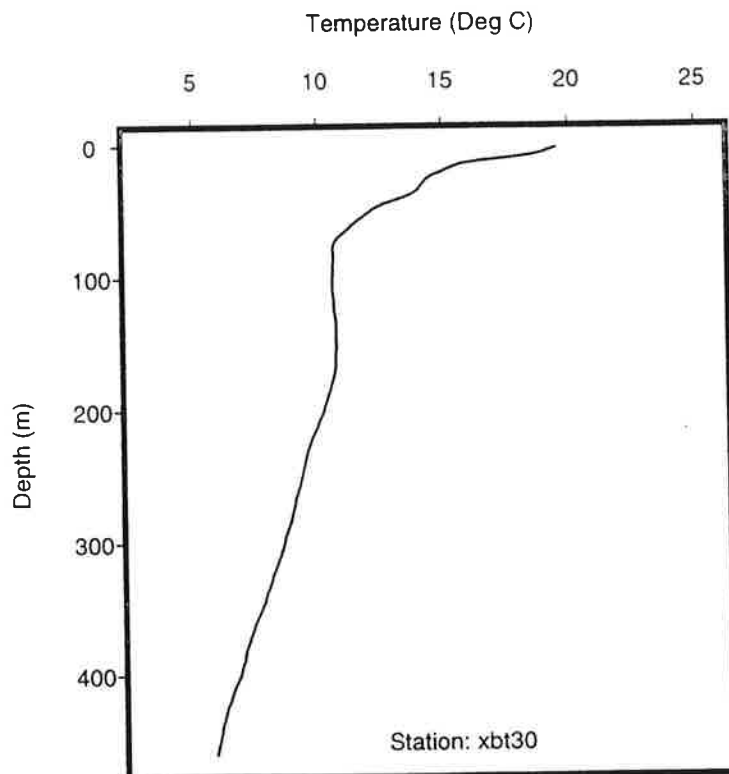
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	19.952	60	11.135
2	19.952	70	10.698
4	19.558	80	10.702
6	19.305	90	10.608
8	18.730	100	10.577
10	17.785	120	10.612
12	16.850	140	10.373
14	16.293	160	10.350
16	16.028	180	9.925
18	15.758	200	9.655
20	15.406	225	9.297
22	15.061	250	9.087
24	14.805	275	8.598
26	14.628	300	8.096
28	14.407	325	7.646
30	14.097	350	7.237
35	12.802	375	6.805
40	12.199	400	6.407
45	11.635	425	6.026
50	11.365	450	5.775



Station: xbt30

Month	Day	Year	Time	Latitude	Longitude
7	17	91	1200	41.4578 N	162.5012 W

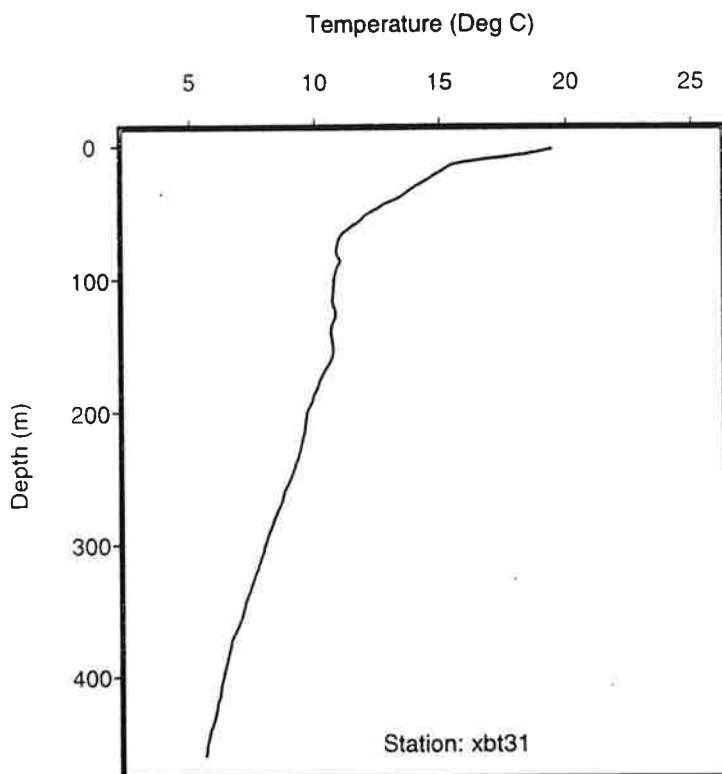
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	19.557	60	11.376
2	19.557	70	10.788
4	19.050	80	10.635
6	18.855	90	10.625
8	18.538	100	10.600
10	17.672	120	10.643
12	16.368	140	10.708
14	15.577	160	10.687
16	15.398	180	10.503
18	15.312	200	10.173
20	15.027	225	9.611
22	14.643	250	9.258
24	14.450	275	8.917
26	14.373	300	8.512
28	14.293	325	8.048
30	14.207	350	7.601
35	13.956	375	7.076
40	13.360	400	6.703
45	12.531	425	6.171
50	12.100	450	5.843



Station: xbt31

Month	Day	Year	Time	Latitude	Longitude
7	17	91	1500	41.895 N	162.49 W

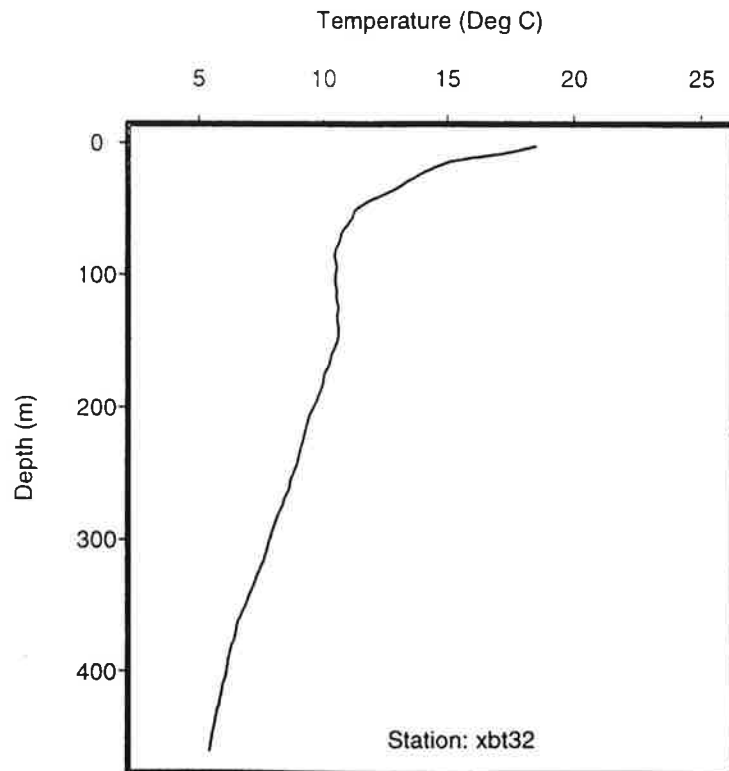
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	19.325	60	11.450
2	19.325	70	10.933
4	18.833	80	10.803
6	18.587	90	10.870
8	17.747	100	10.740
10	16.650	120	10.712
12	15.858	140	10.618
14	15.415	160	10.655
16	15.272	180	10.093
18	15.142	200	9.635
20	14.937	225	9.391
22	14.755	250	8.973
24	14.607	275	8.451
26	14.423	300	7.951
28	14.235	325	7.522
30	14.063	350	7.083
35	13.642	375	6.559
40	13.224	400	6.265
45	12.606	425	5.979
50	12.133	450	5.615



Station: xbt32

Month	Day	Year	Time	Latitude	Longitude
7	17	91	1835	42.3983 N	162.4592 W

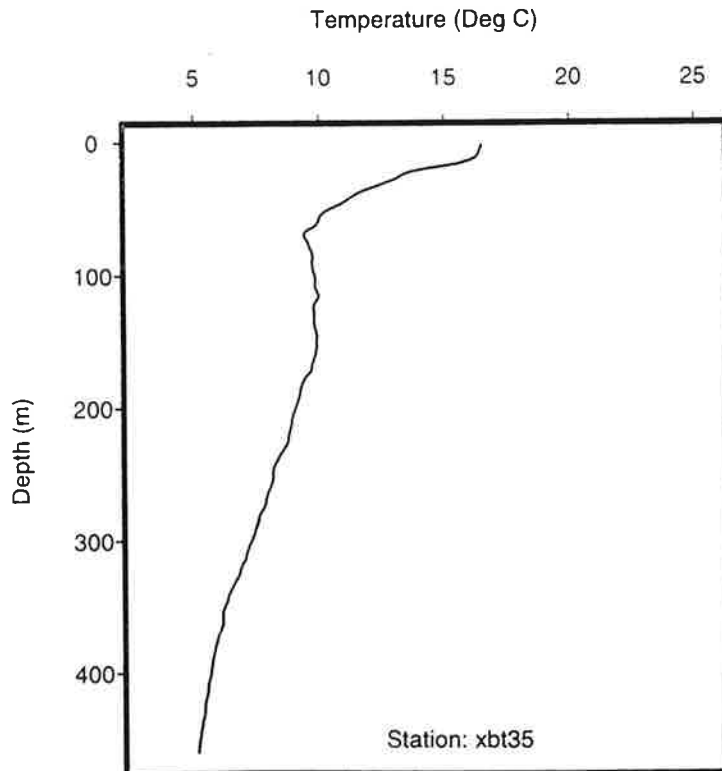
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	18.445	60	11.014
2	18.445	70	10.695
4	17.835	80	10.475
6	17.652	90	10.488
8	17.185	100	10.448
10	16.333	120	10.530
12	15.470	140	10.598
14	14.898	160	10.293
16	14.638	180	9.982
18	14.497	200	9.558
20	14.252	225	9.152
22	14.021	250	8.750
24	13.893	275	8.305
26	13.727	300	7.796
28	13.472	325	7.358
30	13.280	350	6.841
35	12.848	375	6.396
40	12.295	400	6.067
45	11.697	425	5.775
50	11.282	450	5.479



Station: xbt35

Month	Day	Year	Time	Latitude	Longitude
7	18	91	1200	42.6442 N	163.9983 W

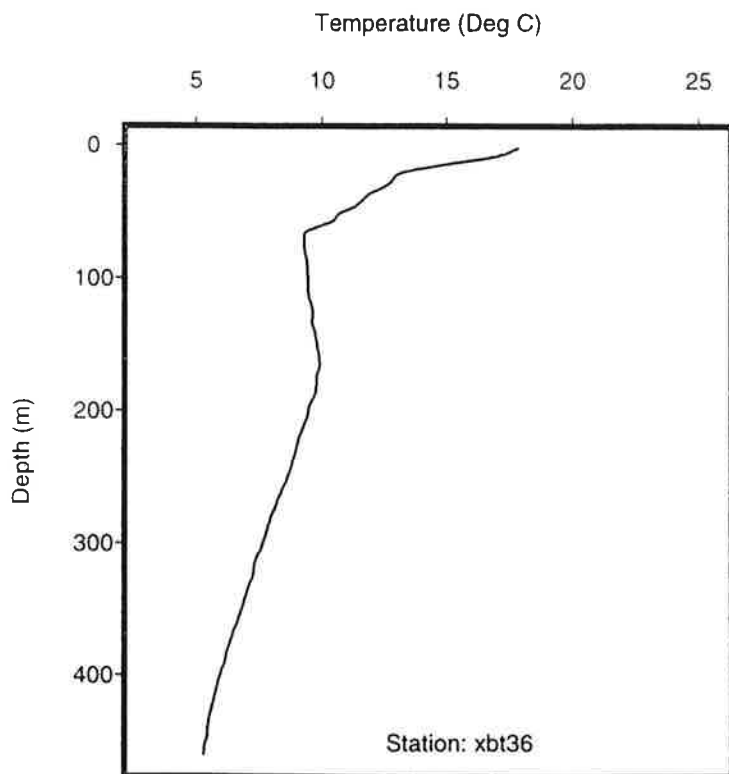
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	16.910	60	9.955
2	16.910	70	9.360
4	16.477	80	9.627
6	16.437	90	9.695
8	16.407	100	9.813
10	16.357	120	9.802
12	16.235	140	9.828
14	16.033	160	9.812
16	15.755	180	9.338
18	15.023	200	9.000
20	14.070	225	8.711
22	13.595	250	8.128
24	13.435	275	7.757
26	13.262	300	7.238
28	13.075	325	6.757
30	12.767	350	6.158
35	11.962	375	5.860
40	11.375	400	5.590
45	11.007	425	5.339
50	10.378	450	5.148



Station: xbt36

Month	Day	Year	Time	Latitude	Longitude
7	18	91	1458	42.2633 N	164.0183 W

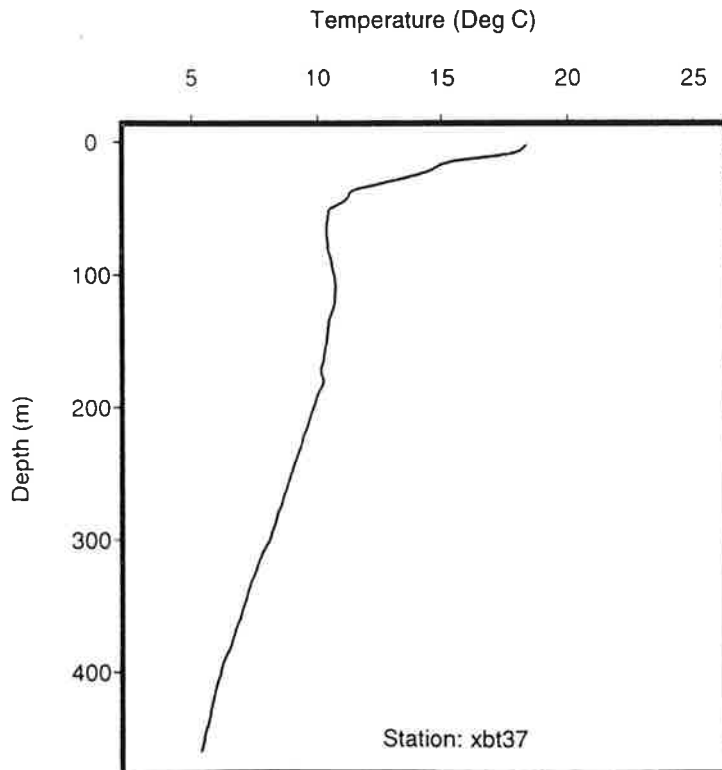
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	18.043	60	10.086
2	18.043	70	9.288
4	17.452	80	9.320
6	17.353	90	9.420
8	17.125	100	9.453
10	16.552	120	9.562
12	15.790	140	9.710
14	15.130	160	9.865
16	14.442	180	9.765
18	13.687	200	9.435
20	13.232	225	9.024
22	13.062	250	8.625
24	12.957	275	8.088
26	12.878	300	7.628
28	12.790	325	7.236
30	12.677	350	6.811
35	12.012	375	6.345
40	11.707	400	5.945
45	11.415	425	5.608
50	10.782	450	5.370



Station: xbt37

Month	Day	Year	Time	Latitude	Longitude
7	18	91	1830	41.8615 N	164.0145 W

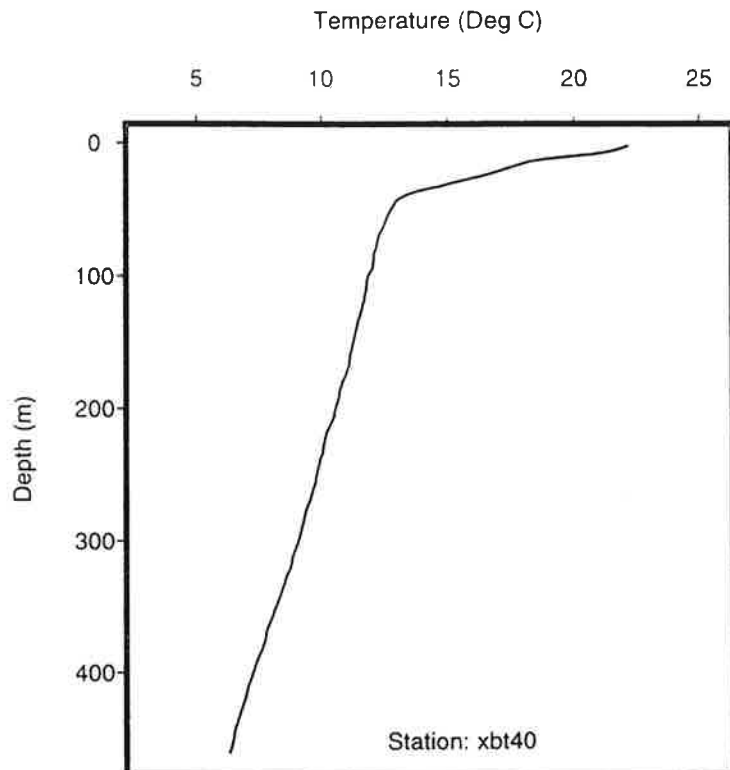
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	18.527	60	10.378
2	18.527	70	10.360
4	18.112	80	10.393
6	18.053	90	10.560
8	17.965	100	10.670
10	17.365	120	10.678
12	16.200	140	10.416
14	15.330	160	10.252
16	15.005	180	10.222
18	14.837	200	9.823
20	14.678	225	9.357
22	14.463	250	8.937
24	14.072	275	8.519
26	13.632	300	8.077
28	13.248	325	7.498
30	12.857	350	7.044
35	11.515	375	6.612
40	11.268	400	6.130
45	11.002	425	5.789
50	10.477	450	5.466



Station: xbt40

Month Day Year Time Latitude Longitude
 7 19 91 1601 39.7533 N 164.01 W

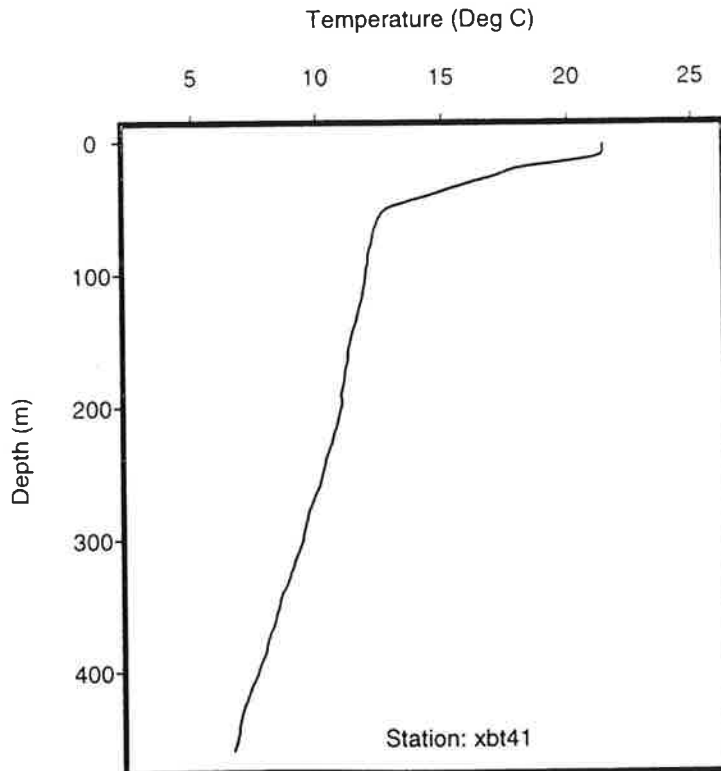
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	22.045	60	12.545
2	22.045	70	12.277
4	21.670	80	12.158
6	21.525	90	12.067
8	21.040	100	11.863
10	19.778	120	11.657
12	18.592	140	11.377
14	18.022	160	11.118
16	17.667	180	10.818
18	17.385	200	10.532
20	17.079	225	10.077
22	16.749	250	9.770
24	16.442	275	9.393
26	16.063	300	9.042
28	15.593	325	8.573
30	15.198	350	8.115
35	14.028	375	7.688
40	13.280	400	7.205
45	12.955	425	6.809
50	12.783	450	6.429



Station: xbt41

Month Day Year Time Latitude Longitude
 7 19 91 1853 39.7387 N 164.4642 W

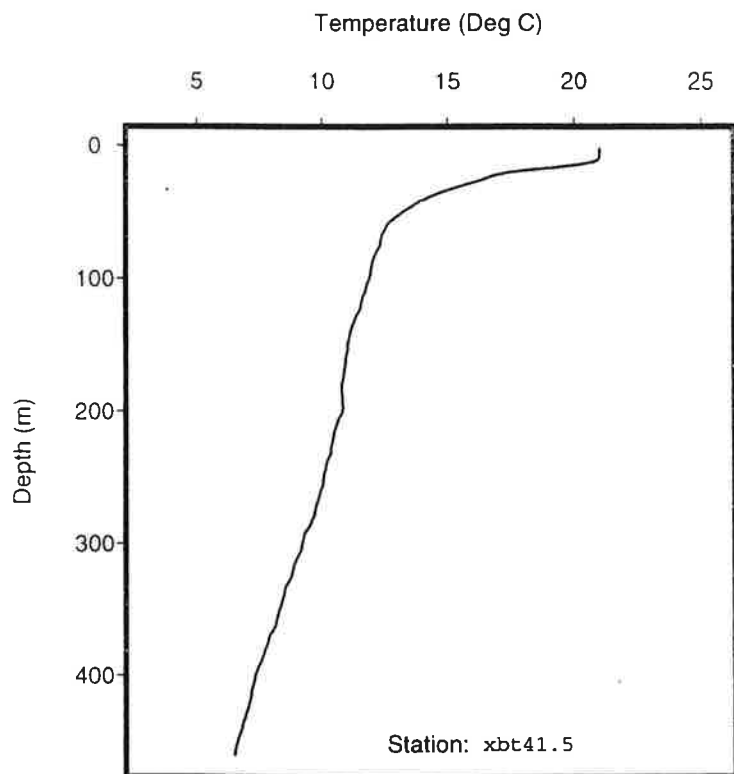
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	21.562	60	12.425
2	21.562	70	12.242
4	21.413	80	12.115
6	21.400	90	12.042
8	21.393	100	11.932
10	21.357	120	11.740
12	21.228	140	11.437
14	20.530	160	11.178
16	19.318	180	11.038
18	18.333	200	10.913
20	17.837	225	10.569
22	17.607	250	10.172
24	17.380	275	9.718
26	17.068	300	9.377
28	16.712	325	8.907
30	16.295	350	8.422
35	15.355	375	7.983
40	14.542	400	7.558
45	13.604	425	7.026
50	12.825	450	6.726



Station: xbt41.5

Month	Day	Year	Time	Latitude	Longitude
7	19	91	2107	39.731 N	164.7977 W

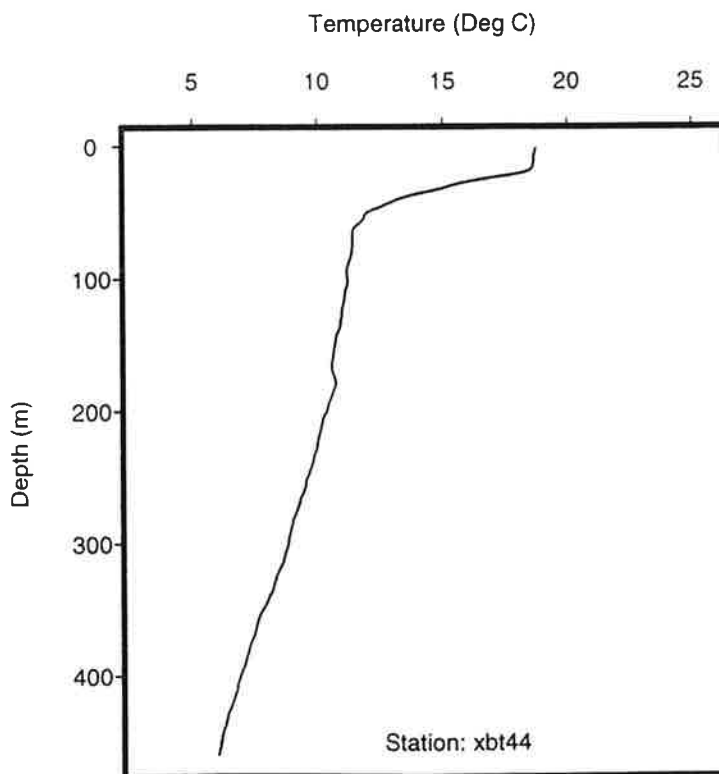
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	21.265	60	12.584
2	21.265	70	12.342
4	20.978	80	12.152
6	20.967	90	11.992
8	20.982	100	11.888
10	20.965	120	11.537
12	20.892	140	11.096
14	20.487	160	10.910
16	19.378	180	10.767
18	18.035	200	10.825
20	17.216	225	10.351
22	16.861	250	10.033
24	16.607	275	9.708
26	16.348	300	9.185
28	16.007	325	8.732
30	15.588	350	8.247
35	14.700	375	7.804
40	14.104	400	7.287
45	13.642	425	6.992
50	13.193	450	6.584



Station: xbt44

Month	Day	Year	Time	Latitude	Longitude
7	20	91	1131	41.4127 N	165.5035 W

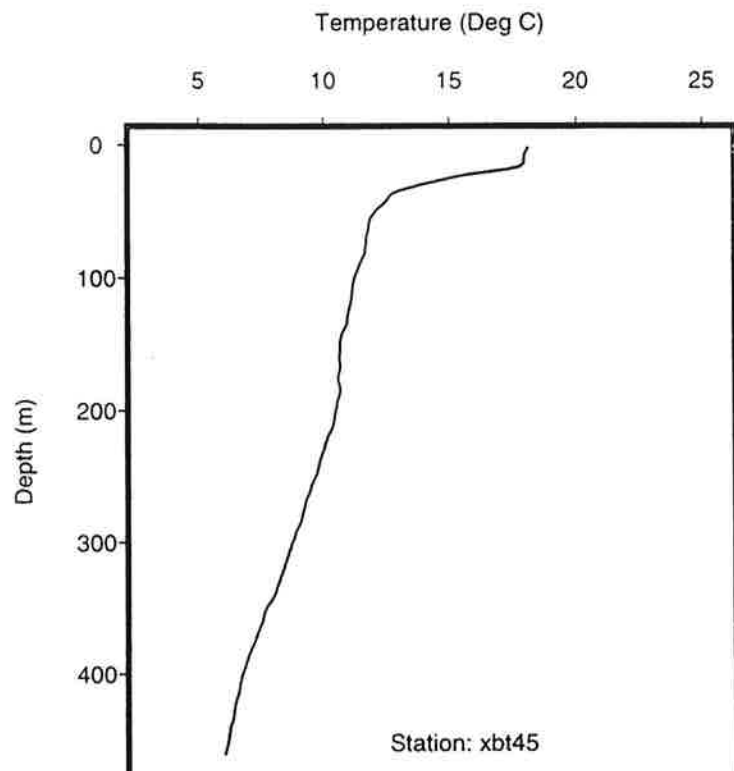
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	19.082	60	11.502
2	19.082	70	11.405
4	18.698	80	11.367
6	18.655	90	11.217
8	18.653	100	11.192
10	18.652	120	11.012
12	18.642	140	10.824
14	18.610	160	10.607
16	18.578	180	10.720
18	18.545	200	10.372
20	18.335	225	9.969
22	17.745	250	9.550
24	16.943	275	9.128
26	16.248	300	8.776
28	15.757	325	8.308
30	15.368	350	7.771
35	14.274	375	7.275
40	13.238	400	6.850
45	12.664	425	6.421
50	11.872	450	6.049



Station: xbt45

Month	Day	Year	Time	Latitude	Longitude
7	20	91	1440	41.7365 N	165.4737 W

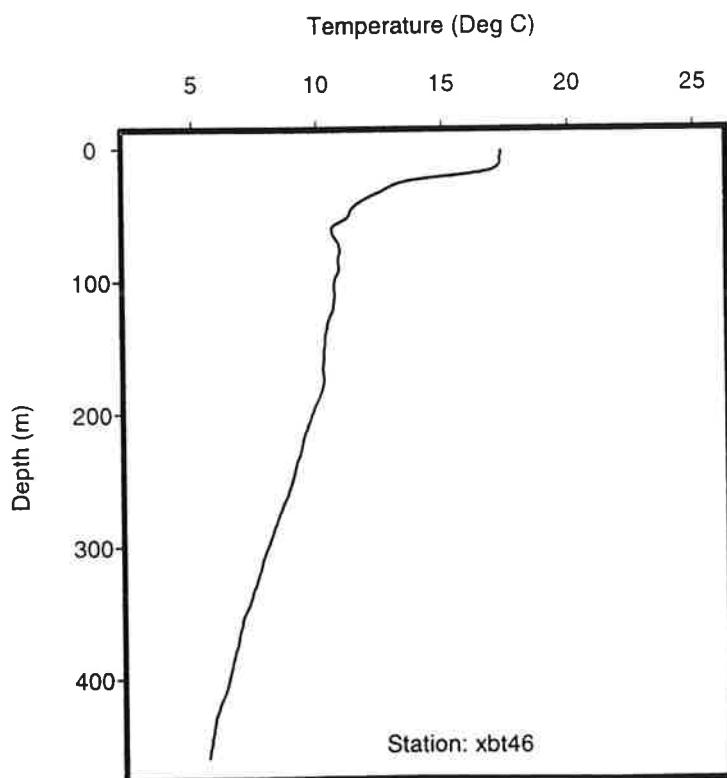
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	18.453	60	11.819
2	18.453	70	11.693
4	18.043	80	11.633
6	17.985	90	11.398
8	17.962	100	11.215
10	17.945	120	11.027
12	17.937	140	10.743
14	17.925	160	10.617
16	17.870	180	10.602
18	17.537	200	10.440
20	16.462	225	10.045
22	15.465	250	9.630
24	15.137	275	9.169
26	14.770	300	8.706
28	14.305	325	8.264
30	13.865	350	7.660
35	12.852	375	7.212
40	12.596	400	6.685
45	12.337	425	6.387
50	12.045	450	6.130



Station: xbt46

Month	Day	Year	Time	Latitude	Longitude
7	20	91	1740	42.0633 N	165.4667 W

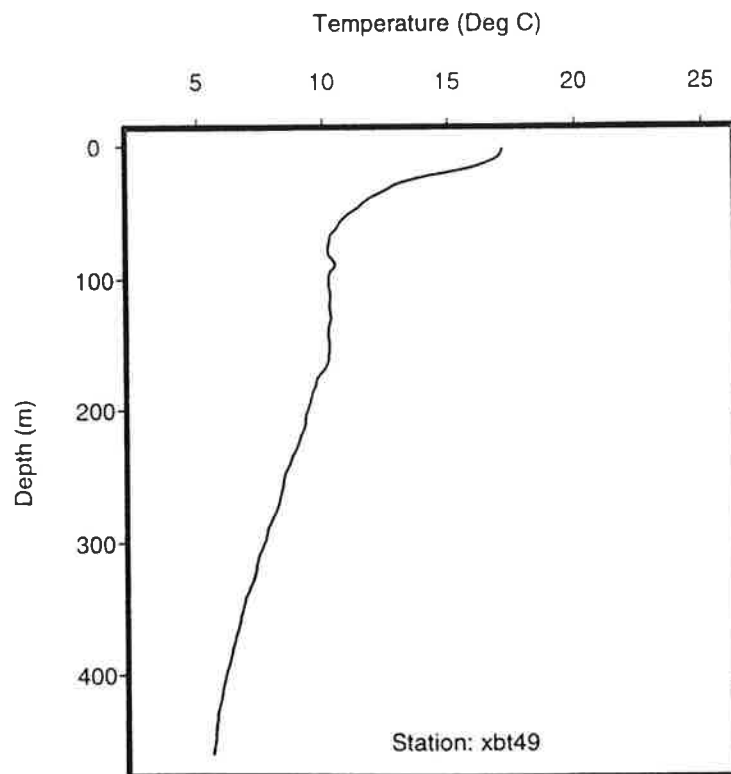
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	17.675	60	10.558
2	17.675	70	10.808
4	17.343	80	10.890
6	17.313	90	10.872
8	17.310	100	10.677
10	17.303	120	10.618
12	17.302	140	10.291
14	17.248	160	10.218
16	16.967	180	10.182
18	16.568	200	9.742
20	15.773	225	9.285
22	14.485	250	8.923
24	13.652	275	8.420
26	13.310	300	7.934
28	13.033	325	7.508
30	12.853	350	7.031
35	12.242	375	6.667
40	11.766	400	6.335
45	11.397	425	5.869
50	11.327	450	5.595



Station: xbt49

Month	Day	Year	Time	Latitude	Longitude
7	21	91	1105	41.7673 N	166.9948 W

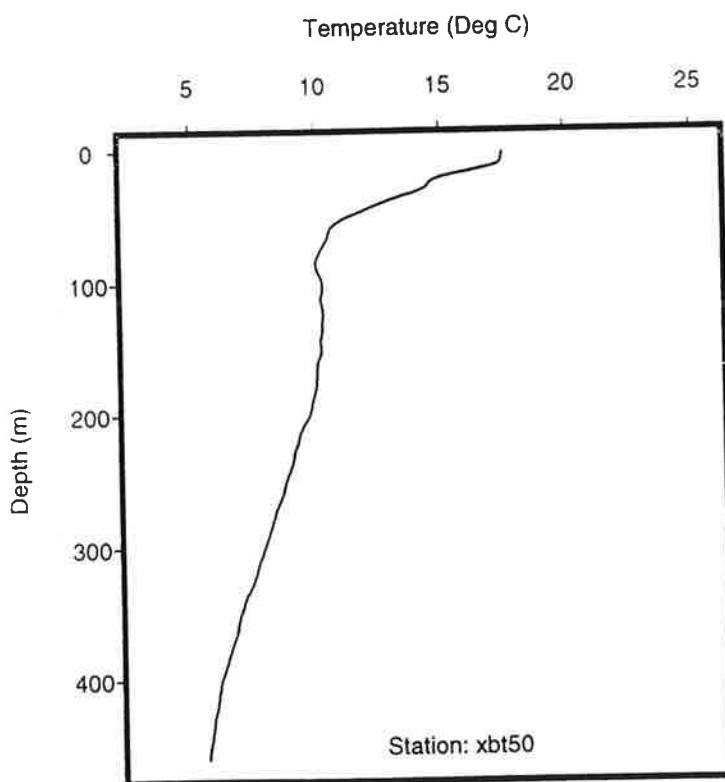
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	17.053	60	10.602
2	17.053	70	10.230
4	17.105	80	10.180
6	17.095	90	10.462
8	17.005	100	10.210
10	16.808	120	10.217
12	16.590	140	10.168
14	16.323	160	10.180
16	15.920	180	9.658
18	15.447	200	9.332
20	14.864	225	8.960
22	14.316	250	8.408
24	13.862	275	8.075
26	13.422	300	7.580
28	13.082	325	7.181
30	12.815	350	6.730
35	12.334	375	6.375
40	11.752	400	6.027
45	11.515	425	5.725
50	11.062	450	5.576



Station: xbt50

Month	Day	Year	Time	Latitude	Longitude
7	21	91	1430	41.2583 N	167.0283 W

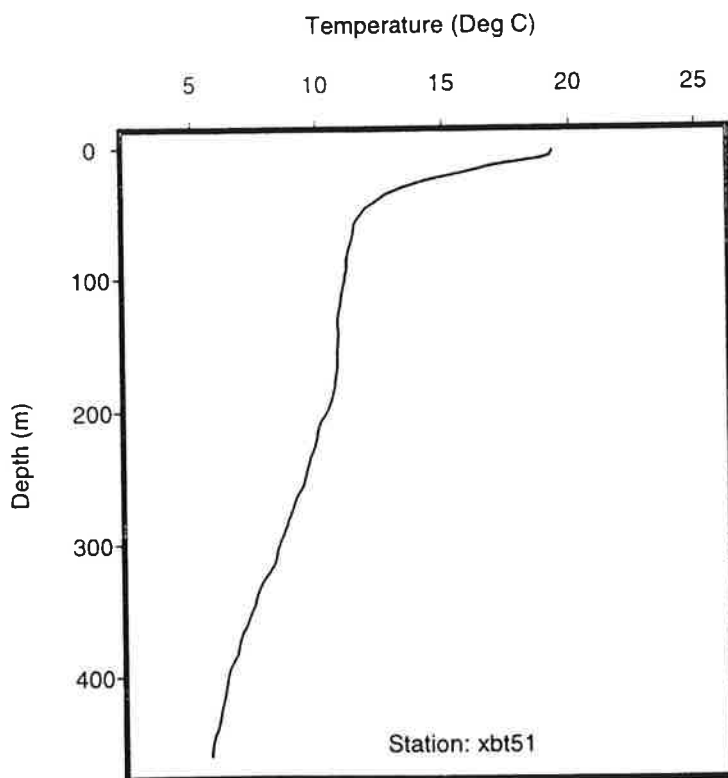
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	17.563	60	10.567
2	17.563	70	10.357
4	17.548	80	10.062
6	17.503	90	10.078
8	17.473	100	10.242
10	17.462	120	10.237
12	17.372	140	10.203
14	16.817	160	10.058
16	16.118	180	9.942
18	15.577	200	9.712
20	15.093	225	9.113
22	14.797	250	8.703
24	14.620	275	8.258
26	14.567	300	7.825
28	14.500	325	7.397
30	14.302	350	6.835
35	13.368	375	6.456
40	12.630	400	6.032
45	11.989	425	5.793
50	11.277	450	5.537



Station: xbt51

Month	Day	Year	Time	Latitude	Longitude
7	21	91	1820	40.7158 N	166.9905 W

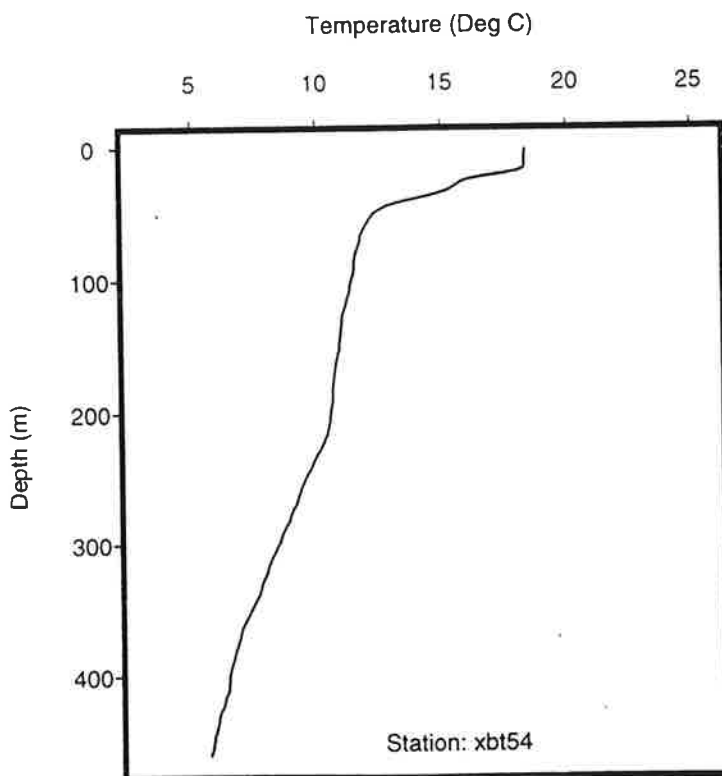
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	18.993	60	11.480
2	18.993	70	11.378
4	19.257	80	11.218
6	19.245	90	11.168
8	19.003	100	11.087
10	18.158	120	10.877
12	17.233	140	10.811
14	16.722	160	10.770
16	16.348	180	10.650
18	15.975	200	10.335
20	15.413	225	9.844
22	14.847	250	9.432
24	14.387	275	8.904
26	14.027	300	8.397
28	13.763	325	7.826
30	13.410	350	7.264
35	12.702	375	6.754
40	12.365	400	6.285
45	11.981	425	6.016
50	11.790	450	5.673



Station: xbt54

Month	Day	Year	Time	Latitude	Longitude
7	22	91	1100	40.902 N	168.5057 W

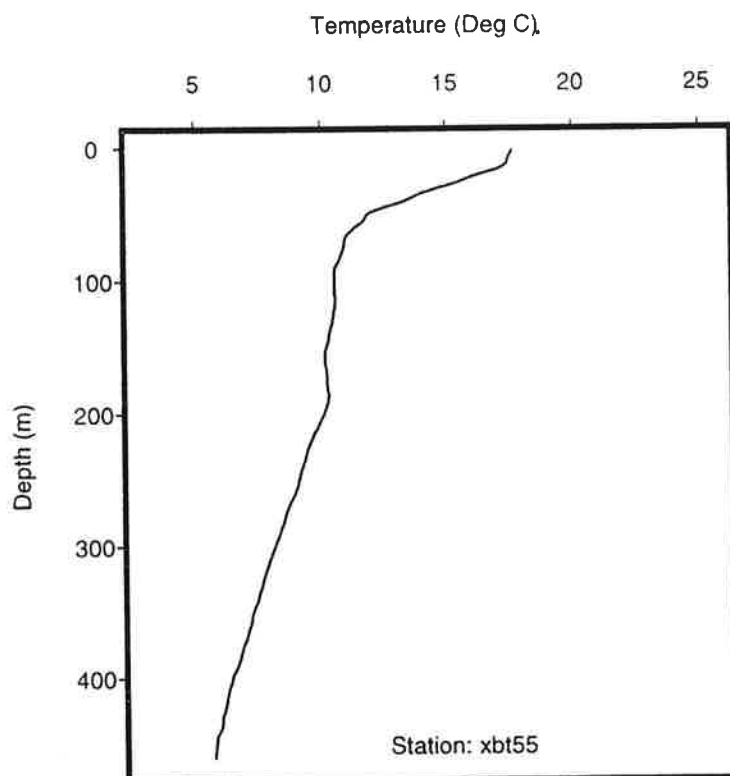
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	18.382	60	11.952
2	18.382	70	11.750
4	18.350	80	11.563
6	18.337	90	11.502
8	18.335	100	11.398
10	18.333	120	11.153
12	18.323	140	10.935
14	18.320	160	10.787
16	18.315	180	10.623
18	18.230	200	10.523
20	17.599	225	10.198
22	16.642	250	9.518
24	16.100	275	8.968
26	15.870	300	8.409
28	15.688	325	7.855
30	15.543	350	7.308
35	14.823	375	6.744
40	13.659	400	6.358
45	12.746	425	6.090
50	12.293	450	5.746



Station: xbt55

Month	Day	Year	Time	Latitude	Longitude
7	22	91	1430	41.4083 N	168.4817 W

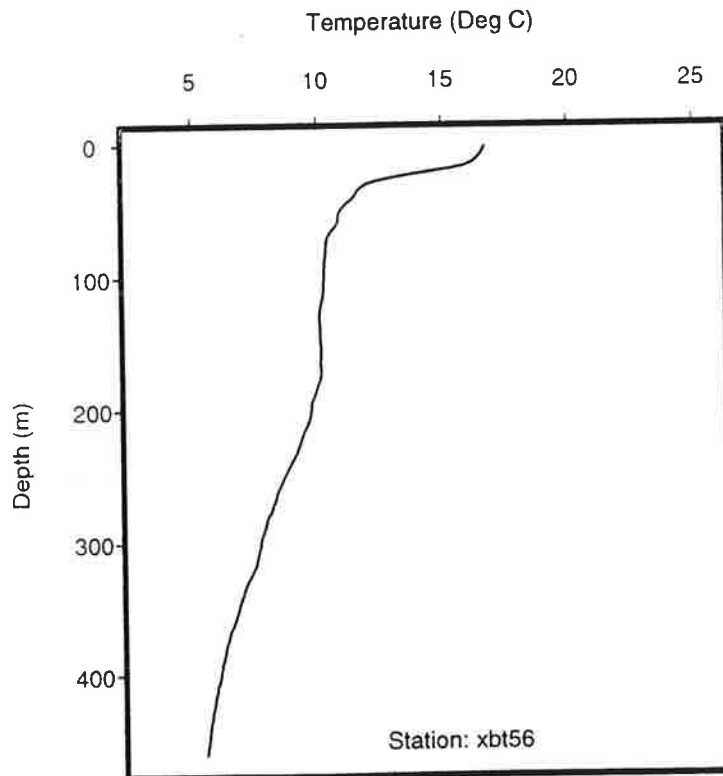
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	17.872	60	11.331
2	17.872	70	10.957
4	17.577	80	10.822
6	17.507	90	10.560
8	17.478	100	10.547
10	17.452	120	10.527
12	17.417	140	10.286
14	17.357	160	10.117
16	17.112	180	10.202
18	16.623	200	10.072
20	16.221	225	9.438
22	15.963	250	9.040
24	15.767	275	8.538
26	15.572	300	8.081
28	15.258	325	7.623
30	14.783	350	7.201
35	13.902	375	6.819
40	13.361	400	6.353
45	12.470	425	6.036
50	11.848	450	5.699



Station: xbt56

Month	Day	Year	Time	Latitude	Longitude
7	22	91	1826	41.952 N	168.4967 W

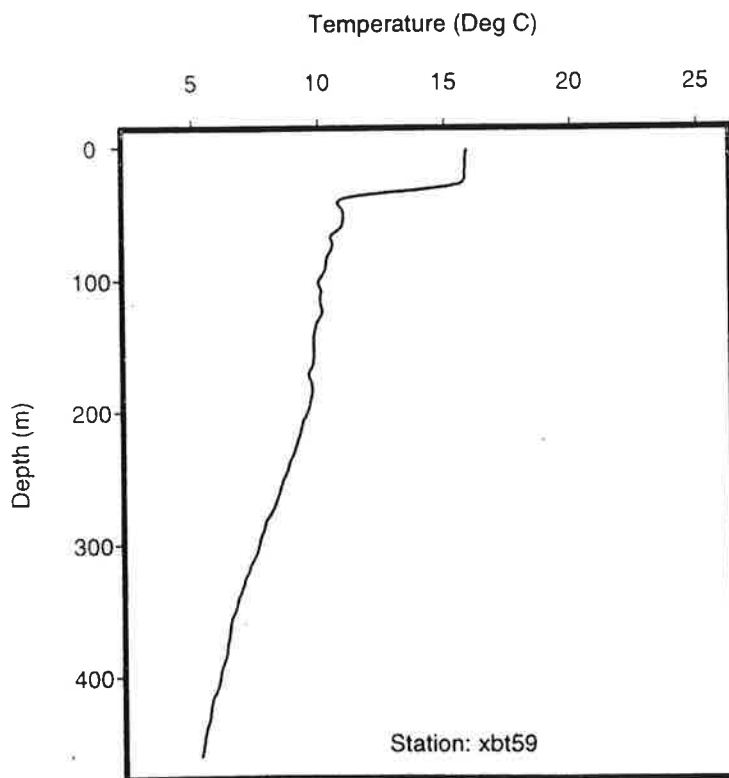
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	16.943	60	10.802
2	16.943	70	10.413
4	16.652	80	10.338
6	16.615	90	10.277
8	16.565	100	10.247
10	16.470	120	10.132
12	16.345	140	10.071
14	16.210	160	10.093
16	15.998	180	9.980
18	15.450	200	9.677
20	14.635	225	9.240
22	13.982	250	8.615
24	13.413	275	8.098
26	12.797	300	7.637
28	12.287	325	7.240
30	11.985	350	6.733
35	11.624	375	6.286
40	11.475	400	5.992
45	11.155	425	5.713
50	10.900	450	5.502



Station: xbt59

Month	Day	Year	Time	Latitude	Longitude
7	23	91	1236	42.7957 N	169.6577 W

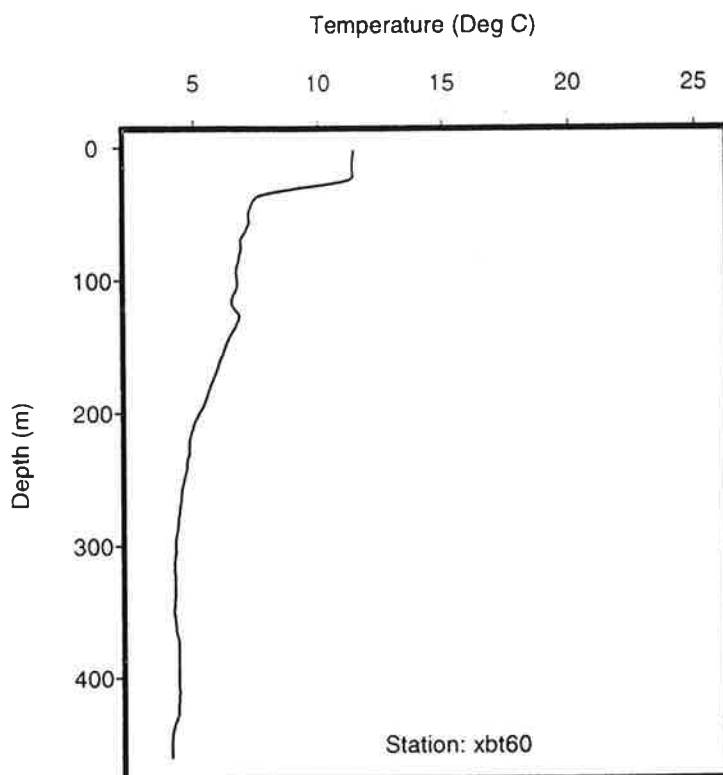
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	16.173	60	10.949
2	16.173	70	10.498
4	15.853	80	10.373
6	15.838	90	10.282
8	15.823	100	9.940
10	15.818	120	10.088
12	15.822	140	9.740
14	15.815	160	9.733
16	15.812	180	9.662
18	15.813	200	9.475
20	15.802	225	9.032
22	15.785	250	8.528
24	15.773	275	8.055
26	15.738	300	7.542
28	15.613	325	6.992
30	15.202	350	6.604
35	11.967	375	6.279
40	10.761	400	5.972
45	10.889	425	5.565
50	10.960	450	5.295



Station: xbt60

Month	Day	Year	Time	Latitude	Longitude
7	24	91	1246	45.7937 N	171.434 W

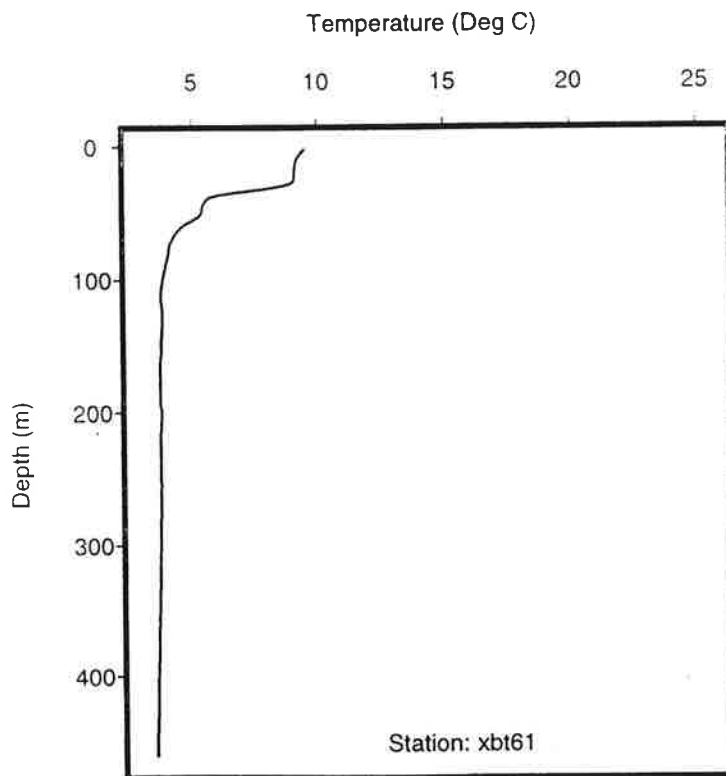
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	11.793	60	7.122
2	11.793	70	6.780
4	11.437	80	6.810
6	11.415	90	6.697
8	11.412	100	6.700
10	11.405	120	6.535
12	11.410	140	6.478
14	11.407	160	6.032
16	11.400	180	5.635
18	11.405	200	5.178
20	11.404	225	4.779
22	11.399	250	4.568
24	11.357	275	4.382
26	10.962	300	4.232
28	10.163	325	4.190
30	9.312	350	4.154
35	7.735	375	4.331
40	7.391	400	4.312
45	7.253	425	4.305
50	7.143	450	4.049



Station: xbt61

Month Day Year Time Latitude Longitude
7 25 91 1150 48.9677 N 173.6603 W

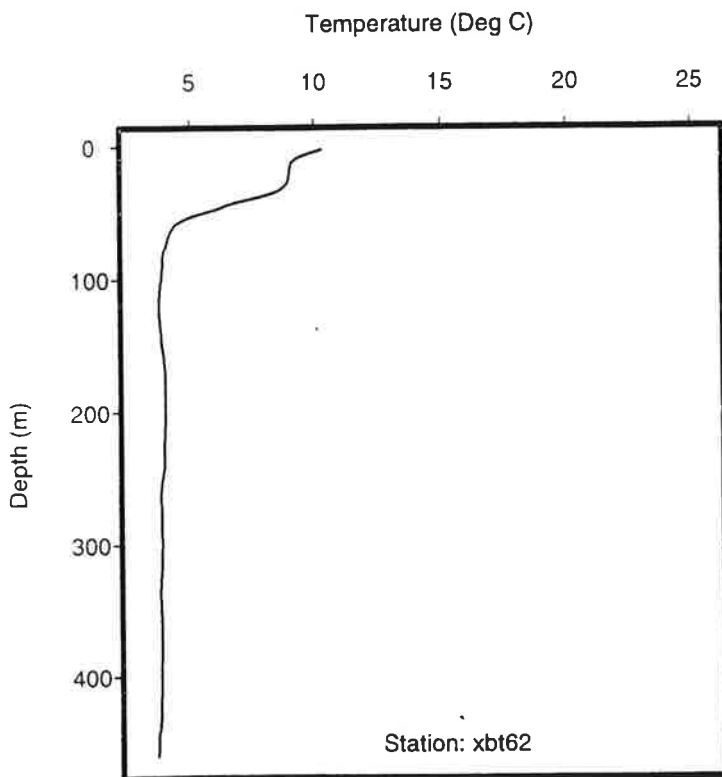
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	9.908	60	4.624
2	9.908	70	4.212
4	9.400	80	4.045
6	9.343	90	3.910
8	9.250	100	3.805
10	9.192	120	3.732
12	9.170	140	3.743
14	9.147	160	3.682
16	9.140	180	3.648
18	9.120	200	3.735
20	9.114	225	3.671
22	9.106	250	3.680
24	9.097	275	3.652
26	9.080	300	3.627
28	9.002	325	3.597
30	8.752	350	3.576
35	6.371	375	3.540
40	5.595	400	3.503
45	5.421	425	3.479
50	5.368	450	3.431



Station: xbt62

Month	Day	Year	Time	Latitude	Longitude
7	25	91	1943	49.763 N	174.3042 W

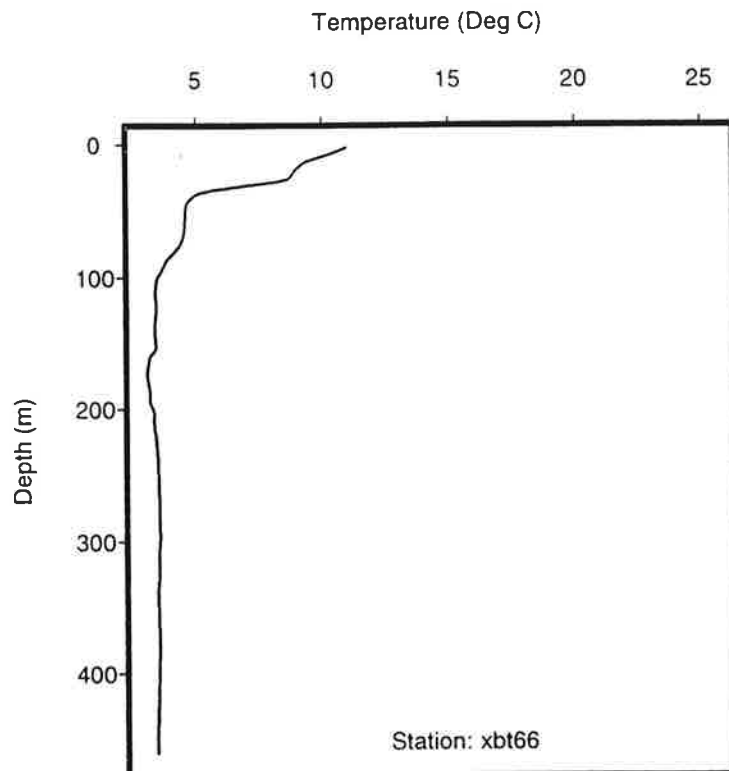
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	10.520	60	4.374
2	10.520	70	4.128
4	9.943	80	3.937
6	9.643	90	3.910
8	9.358	100	3.857
10	9.178	120	3.777
12	9.112	140	3.830
14	9.072	160	3.937
16	9.043	180	3.990
18	9.022	200	3.990
20	8.997	225	3.952
22	8.979	250	3.858
24	8.968	275	3.809
26	8.950	300	3.828
28	8.895	325	3.775
30	8.827	350	3.767
35	8.259	375	3.789
40	7.251	400	3.765
45	6.342	425	3.738
50	5.400	450	3.623



Station: xbt66

Month	Day	Year	Time	Latitude	Longitude
8	1	91	1502	48.1373 N	176.6555 E

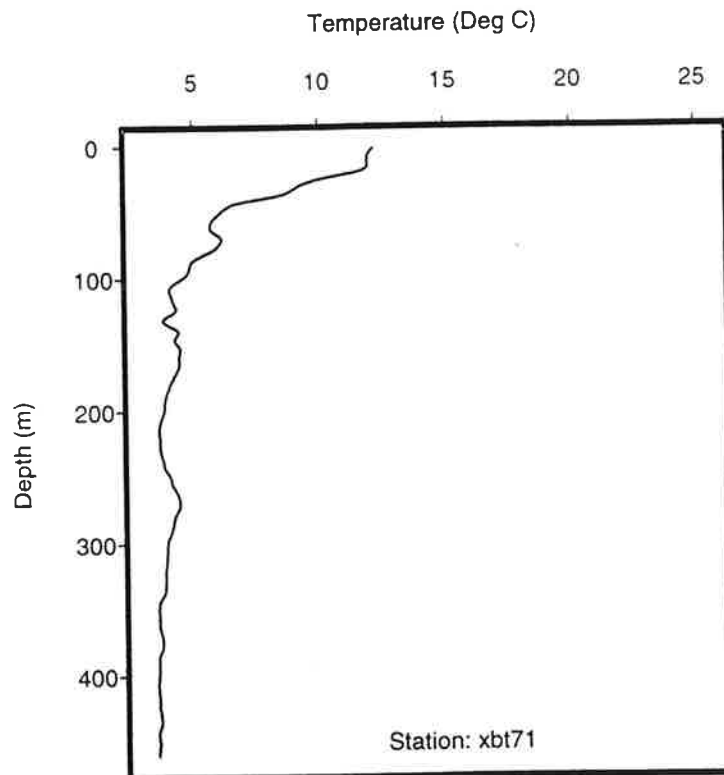
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	11.177	60	4.552
2	11.177	70	4.480
4	10.587	80	4.152
6	10.447	90	3.745
8	10.227	100	3.443
10	9.807	120	3.372
12	9.427	140	3.308
14	9.248	160	3.112
16	9.128	180	3.067
18	8.978	200	3.273
20	8.870	225	3.375
22	8.826	250	3.450
24	8.782	275	3.477
26	8.650	300	3.499
28	8.352	325	3.455
30	7.447	350	3.426
35	5.347	375	3.467
40	4.824	400	3.422
45	4.628	425	3.395
50	4.588	450	3.357



Station: xbt71

Month Day Year Time Latitude Longitude
 8 3 91 1941 44.3238 N 171.9607 E

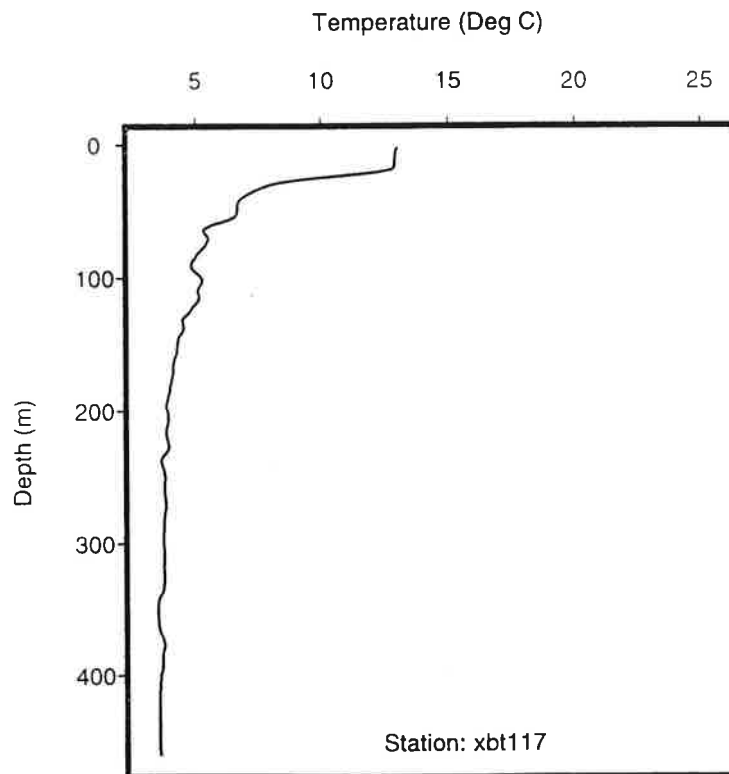
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	13.470	60	5.700
2	13.470	70	6.207
4	12.130	80	5.650
6	11.990	90	4.830
8	11.968	100	4.522
10	11.982	120	4.242
12	11.975	140	4.434
14	11.980	160	4.372
16	11.977	180	4.027
18	11.923	200	3.765
20	11.590	225	3.590
22	10.848	250	4.017
24	10.265	275	4.306
26	9.918	300	3.846
28	9.540	325	3.737
30	9.262	350	3.473
35	8.823	375	3.618
40	7.700	400	3.452
45	6.447	425	3.465
50	6.110	450	3.465



Station: xbt117

Month	Day	Year	Time	Latitude	Longitude
8	25	91	1217	45.6788 N	179.9743 E

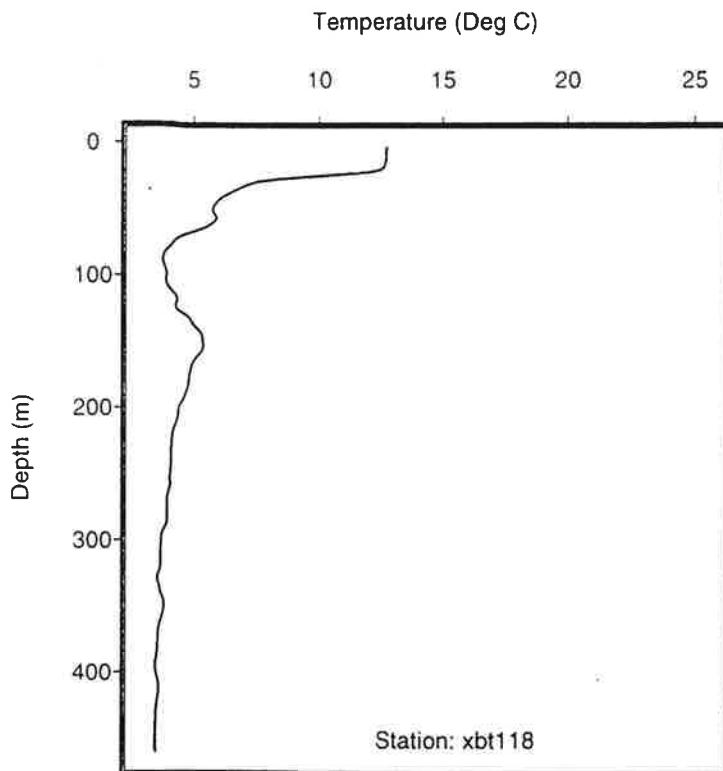
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	13.488	60	5.662
2	13.488	70	5.540
4	12.962	80	5.147
6	12.912	90	4.778
8	12.913	100	5.285
10	12.913	120	4.933
12	12.902	140	4.495
14	12.888	160	4.150
16	12.863	180	3.977
18	12.838	200	3.833
20	12.452	225	3.871
22	11.342	250	3.722
24	10.123	275	3.736
26	9.168	300	3.655
28	8.422	325	3.701
30	7.950	350	3.440
35	7.297	375	3.678
40	6.825	400	3.538
45	6.673	425	3.483
50	6.657	450	3.493



Station: xbt118

Month	Day	Year	Time	Latitude	Longitude
8	25	91	1515	45.335 N	179.9733 E

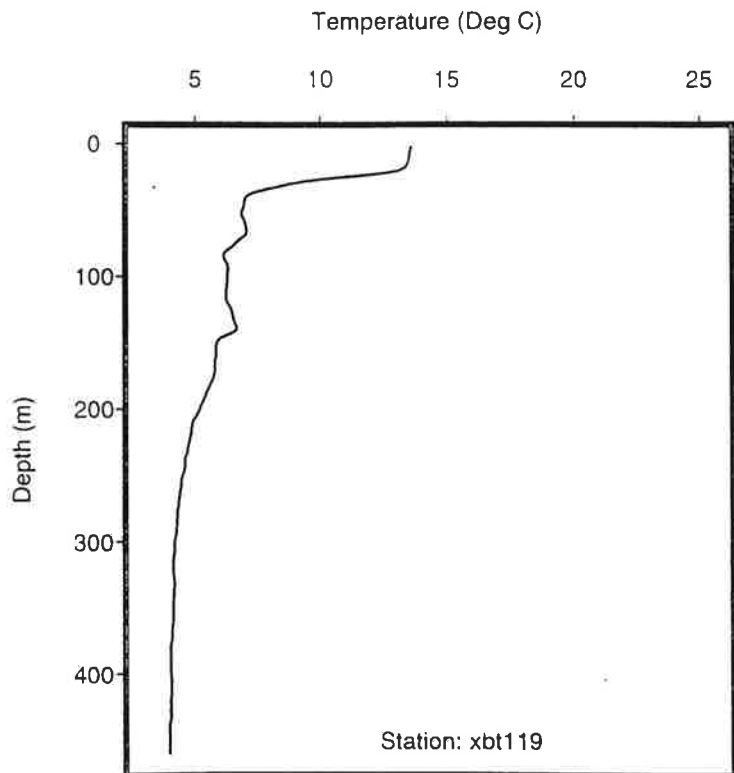
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	13.077	60	5.867
2	13.077	70	4.592
4	12.738	80	3.965
6	12.727	90	3.785
8	12.720	100	3.920
10	12.718	120	4.312
12	12.710	140	5.075
14	12.687	160	5.225
16	12.657	180	4.798
18	12.608	200	4.378
20	12.519	225	4.127
22	12.091	250	4.055
24	11.012	275	3.942
26	9.458	300	3.722
28	8.180	325	3.605
30	7.520	350	3.810
35	6.794	375	3.582
40	6.291	400	3.515
45	5.930	425	3.534
50	5.738	450	3.474



Station: xbt119

Month	Day	Year	Time	Latitude	Longitude
8	25	91	1938	45.002 N	179.9683 E

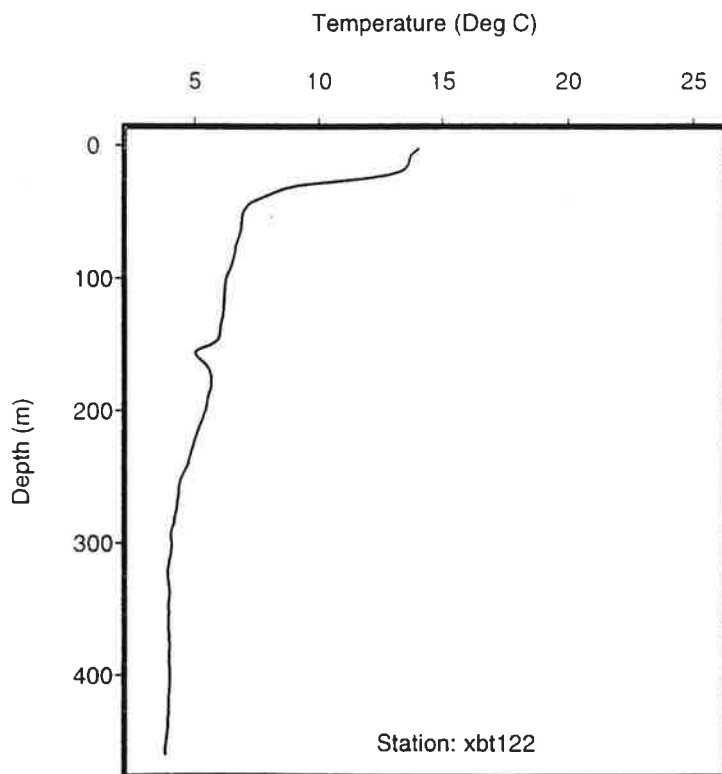
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	14.033	60	7.035
2	14.033	70	6.888
4	13.575	80	6.220
6	13.540	90	6.300
8	13.537	100	6.265
10	13.525	120	6.293
12	13.512	140	6.672
14	13.488	160	5.813
16	13.415	180	5.640
18	13.332	200	5.158
20	13.248	225	4.752
22	12.800	250	4.473
24	11.532	275	4.292
26	10.072	300	4.143
28	9.350	325	4.106
30	8.880	350	4.078
35	7.585	375	4.026
40	6.996	400	3.995
45	6.962	425	3.982
50	6.892	450	3.946



Station: xbt122

Month	Day	Year	Time	Latitude	Longitude
8	26	91	1051	45.0072 N	179.0218 W

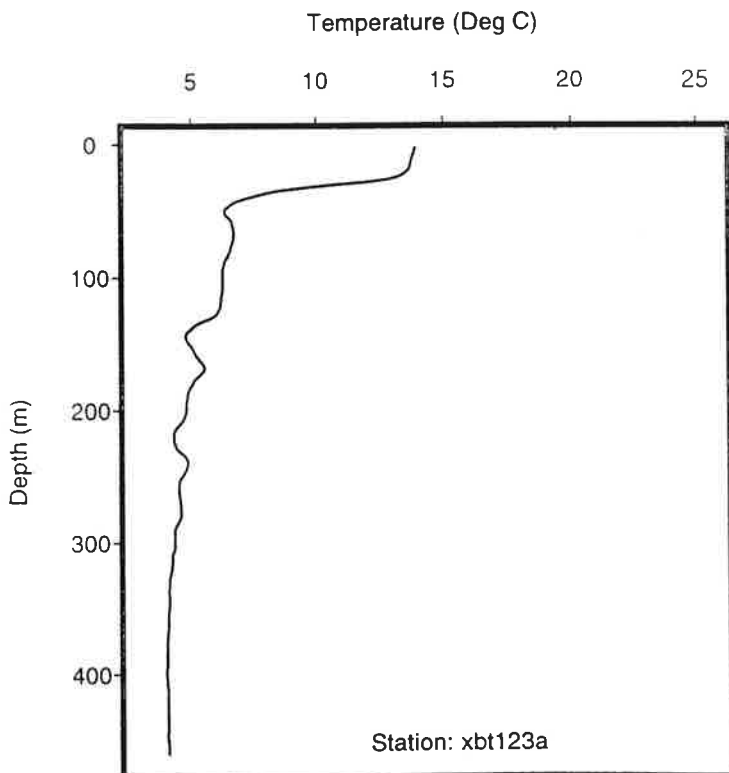
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	14.708	60	6.855
2	14.708	70	6.752
4	13.913	80	6.603
6	13.747	90	6.470
8	13.707	100	6.257
10	13.688	120	6.170
12	13.670	140	6.006
14	13.628	160	5.135
16	13.552	180	5.643
18	13.447	200	5.418
20	13.265	225	4.952
22	12.787	250	4.458
24	12.145	275	4.263
26	11.340	300	4.063
28	10.083	325	3.915
30	9.040	350	3.949
35	8.275	375	3.982
40	7.587	400	3.995
45	7.116	425	3.934
50	6.955	450	3.849



Station: xbt123a

Month	Day	Year	Time	Latitude	Longitude
8	26	91	1400	45.3433 N	179.0567 W

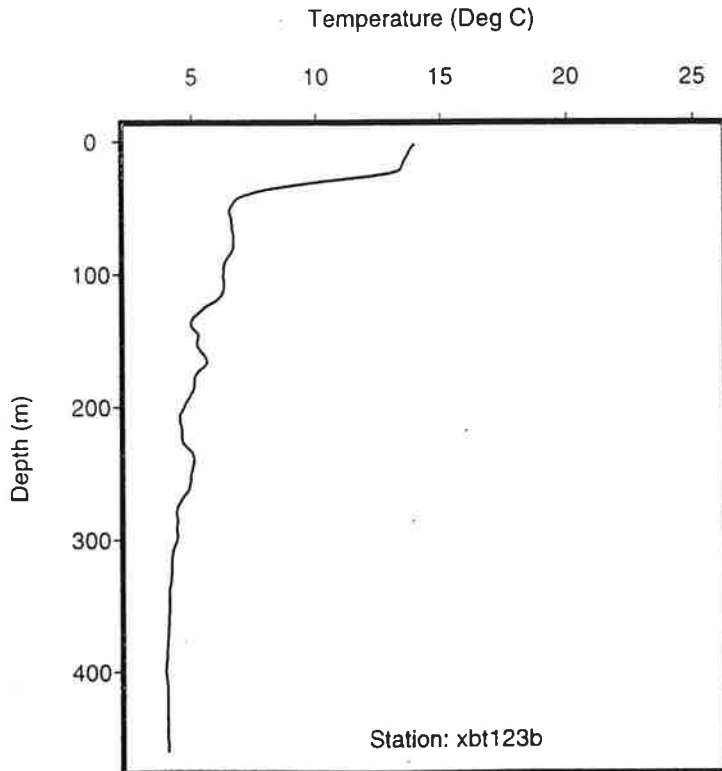
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	14.233	60	6.624
2	14.233	70	6.680
4	13.883	80	6.525
6	13.858	90	6.297
8	13.835	100	6.260
10	13.793	120	6.157
12	13.755	140	4.918
14	13.733	160	5.230
16	13.718	180	5.040
18	13.703	200	4.778
20	13.587	225	4.323
22	13.405	250	4.617
24	13.262	275	4.528
26	13.023	300	4.292
28	12.215	325	4.087
30	10.622	350	4.042
35	8.178	375	3.968
40	7.266	400	3.953
45	6.586	425	3.999
50	6.270	450	3.985



Station: xbt123b

Month	Day	Year	Time	Latitude	Longitude
8	26	91	1409	45.3697 N	179.0543 W

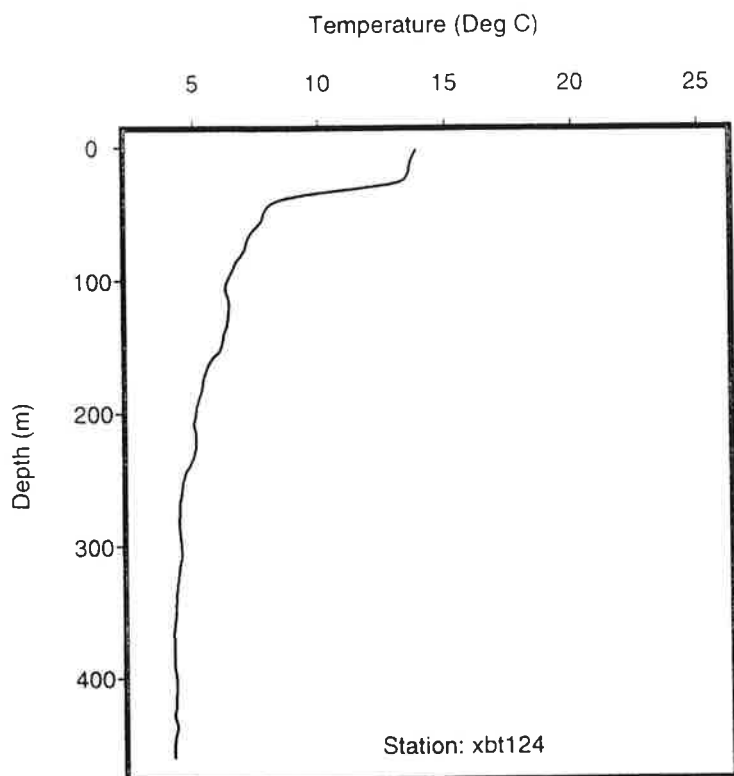
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	14.405	60	6.617
2	14.405	70	6.668
4	13.858	80	6.652
6	13.787	90	6.333
8	13.735	100	6.262
10	13.678	120	5.945
12	13.635	140	4.992
14	13.577	160	5.412
16	13.502	180	5.072
18	13.445	200	4.693
20	13.409	225	4.582
22	13.341	250	4.937
24	13.078	275	4.413
26	12.225	300	4.379
28	11.203	325	4.163
30	10.325	350	4.071
35	8.232	375	4.010
40	7.150	400	3.917
45	6.734	425	4.002
50	6.517	450	4.002



Station: xbt124

Month	Day	Year	Time	Latitude	Longitude
8	26	91	1608	45.675 N	179.023 W

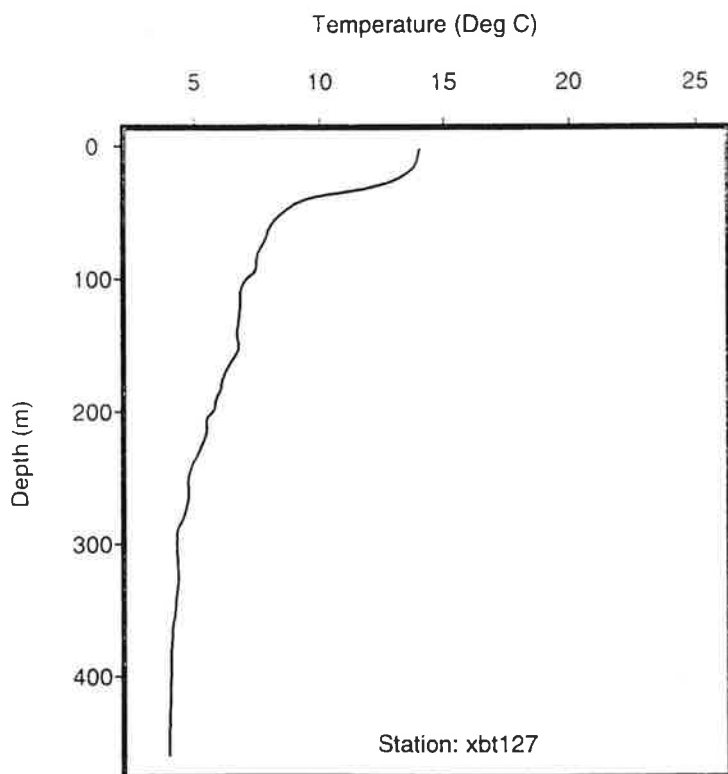
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	14.373	60	7.502
2	14.373	70	7.137
4	13.807	80	6.930
6	13.748	90	6.583
8	13.712	100	6.322
10	13.667	120	6.357
12	13.628	140	6.183
14	13.603	160	5.670
16	13.587	180	5.323
18	13.580	200	5.045
20	13.541	225	5.041
22	13.460	250	4.545
24	13.382	275	4.384
26	13.267	300	4.429
28	12.902	325	4.295
30	12.023	350	4.201
35	9.642	375	4.123
40	8.370	400	4.225
45	7.947	425	4.138
50	7.778	450	4.100



Station: xbt127

Month	Day	Year	Time	Latitude	Longitude
8	27	91	1234	45.6662 N	177.408 W

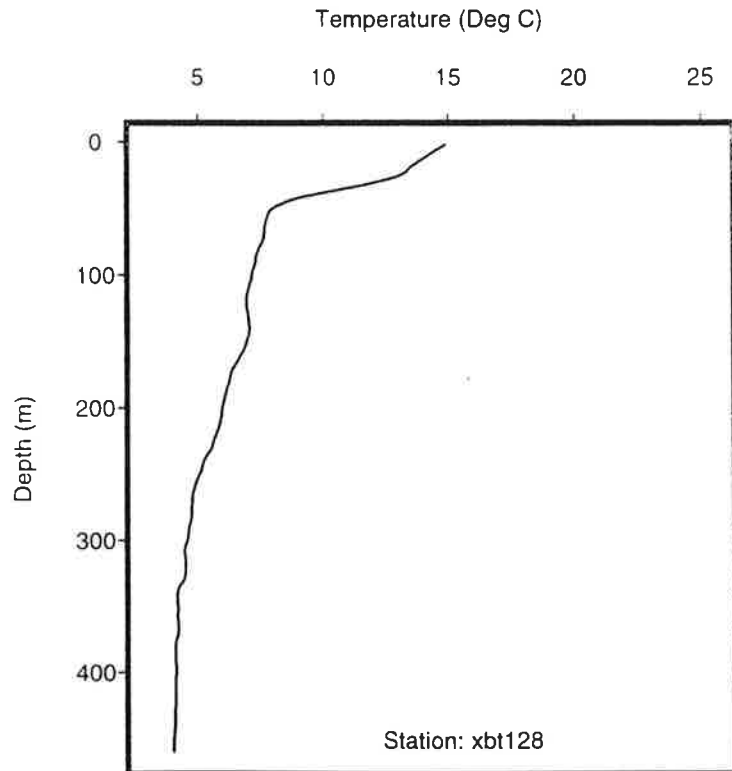
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	14.437	60	8.010
2	14.437	70	7.838
4	14.022	80	7.542
6	13.973	90	7.442
8	13.965	100	7.070
10	13.942	120	6.793
12	13.910	140	6.687
14	13.893	160	6.555
16	13.828	180	6.050
18	13.652	200	5.757
20	13.494	225	5.301
22	13.389	250	4.763
24	13.218	275	4.644
26	12.985	300	4.293
28	12.657	325	4.335
30	12.310	350	4.230
35	10.651	375	4.096
40	9.455	400	4.057
45	8.855	425	4.024
50	8.488	450	3.998



Station: xbt128

Month	Day	Year	Time	Latitude	Longitude
8	27	91	1521	45.3753 N	177.6493 W

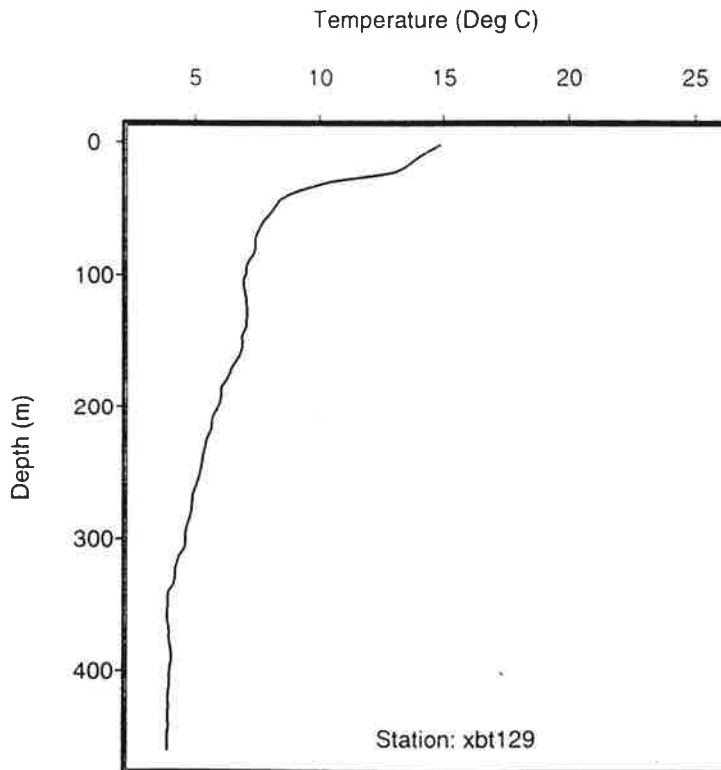
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	15.252	60	7.687
2	15.252	70	7.617
4	14.703	80	7.407
6	14.528	90	7.267
8	14.380	100	7.123
10	14.223	120	6.923
12	14.085	140	7.040
14	13.918	160	6.690
16	13.698	180	6.228
18	13.522	200	5.950
20	13.429	225	5.609
22	13.369	250	5.057
24	13.195	275	4.726
26	12.918	300	4.540
28	12.640	325	4.464
30	12.165	350	4.165
35	10.807	375	4.111
40	9.413	400	4.092
45	8.483	425	4.064
50	7.922	450	3.988



Station: xbt129

Month Day Year Time Latitude Longitude
 8 27 91 1733 45.2048 N 178.054 W

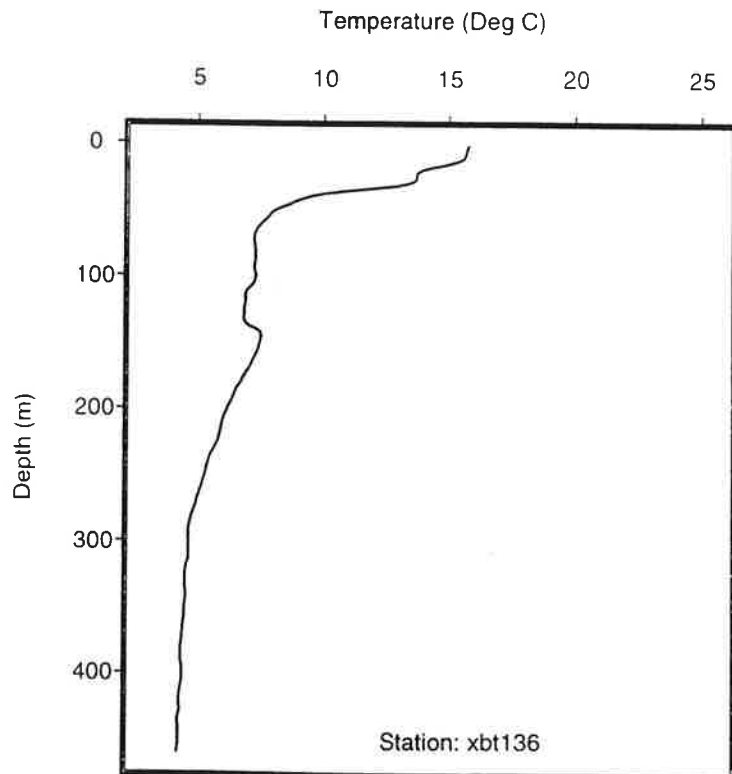
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	15.283	60	7.731
2	15.283	70	7.453
4	14.638	80	7.387
6	14.437	90	7.133
8	14.280	100	7.027
10	14.098	120	7.055
12	13.930	140	7.052
14	13.783	160	6.792
16	13.632	180	6.207
18	13.470	200	5.913
20	13.314	225	5.438
22	13.159	250	5.187
24	12.842	275	4.868
26	11.957	300	4.595
28	10.893	325	4.181
30	10.288	350	3.926
35	9.380	375	3.942
40	8.717	400	3.987
45	8.325	425	3.926
50	8.147	450	3.886



Station: xbt136

Month Day Year Time Latitude Longitude
 8 29 91 1643 44.2507 N 175.5723 W

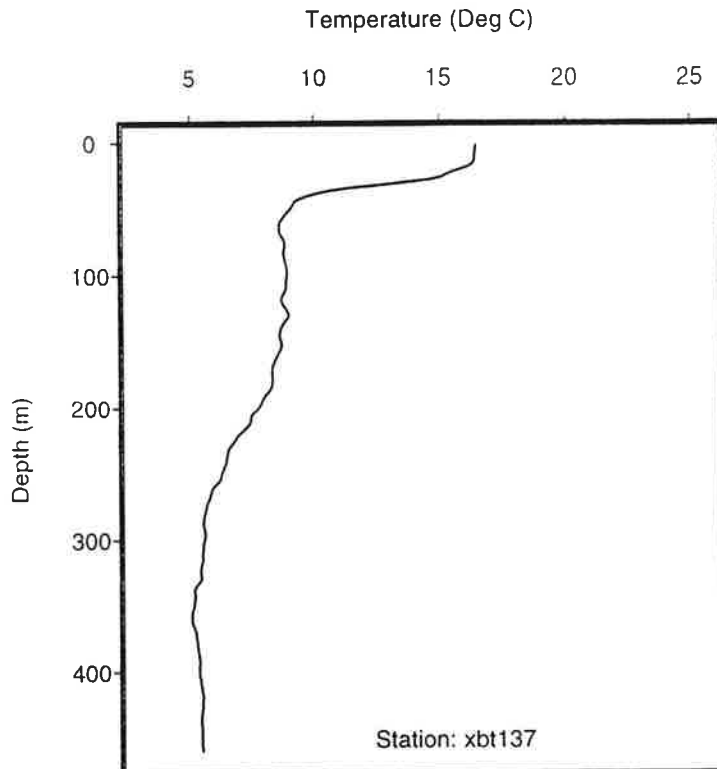
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	16.258	60	7.516
2	16.258	70	7.205
4	15.735	80	7.242
6	15.668	90	7.237
8	15.657	100	7.268
10	15.632	120	6.858
12	15.578	140	7.275
14	15.407	160	7.237
16	14.948	180	6.688
18	14.292	200	6.168
20	13.880	225	5.771
22	13.775	250	5.290
24	13.732	275	4.895
26	13.702	300	4.657
28	13.687	325	4.522
30	13.675	350	4.508
35	11.334	375	4.417
40	9.499	400	4.415
45	8.753	425	4.338
50	8.075	450	4.291



Station: xbt137

Month	Day	Year	Time	Latitude	Longitude
8	29	91	2132	43.9215 N	175.1623 W

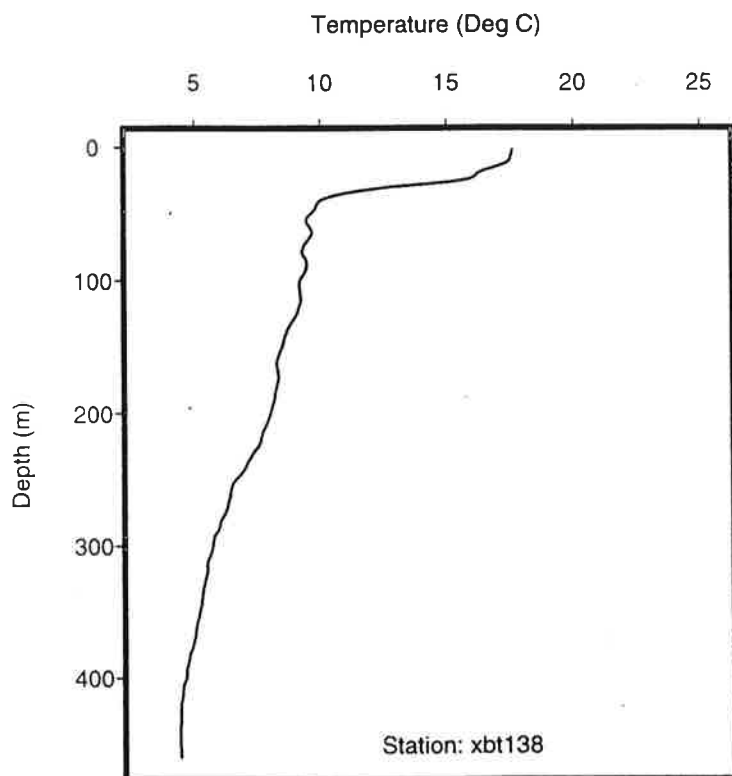
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	16.753	60	8.585
2	16.753	70	8.655
4	16.425	80	8.788
6	16.407	90	8.813
8	16.403	100	8.895
10	16.390	120	8.660
12	16.383	140	8.659
14	16.370	160	8.497
16	16.322	180	8.270
18	16.178	200	7.743
20	15.839	225	6.746
22	15.438	250	6.233
24	15.217	275	5.604
26	15.155	300	5.510
28	15.012	325	5.366
30	13.963	350	5.096
35	10.845	375	5.194
40	9.806	400	5.278
45	9.197	425	5.408
50	9.038	450	5.383



Station: xbt138

Month	Day	Year	Time	Latitude	Longitude
8	30	91	205	43.5842 N	174.7797 W

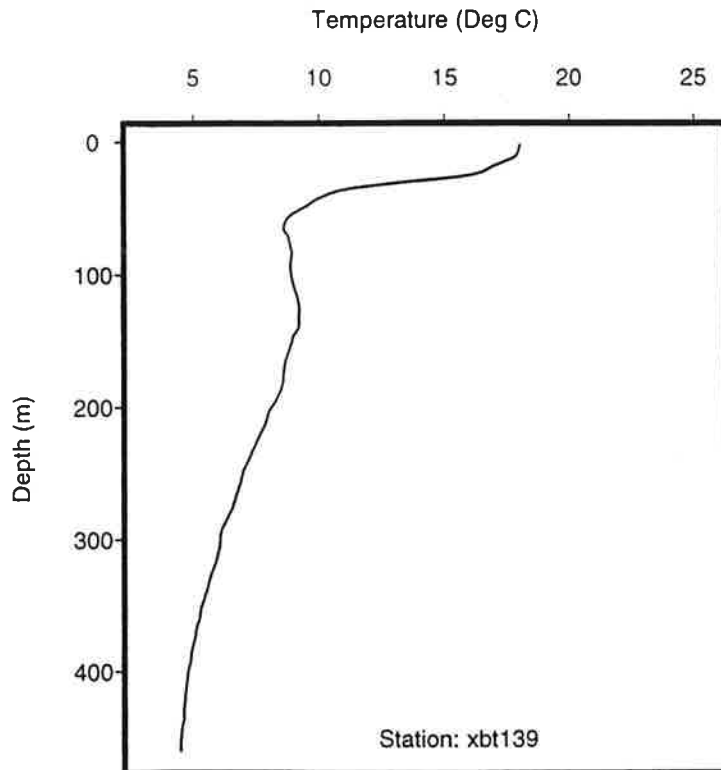
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	17.962	60	9.553
2	17.962	70	9.465
4	17.573	80	9.245
6	17.535	90	9.417
8	17.520	100	9.185
10	17.493	120	9.128
12	17.462	140	8.619
14	17.210	160	8.273
16	16.653	180	8.257
18	16.270	200	7.982
20	16.185	225	7.487
22	16.150	250	6.607
24	16.092	275	6.198
26	15.675	300	5.690
28	14.237	325	5.402
30	12.557	350	5.164
35	10.836	375	4.910
40	9.979	400	4.637
45	9.846	425	4.388
50	9.628	450	4.369



Station: xbt139

Month	Day	Year	Time	Latitude	Longitude
8	30	91	728	43.173 N	174.3192 W

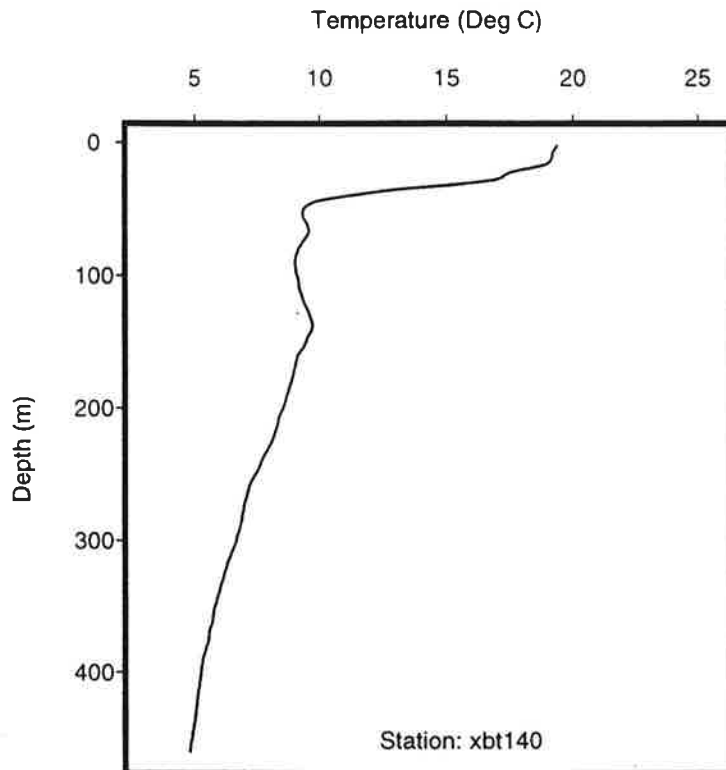
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	18.358	60	8.646
2	18.358	70	8.777
4	17.962	80	8.903
6	17.915	90	8.858
8	17.898	100	8.890
10	17.882	120	9.145
12	17.842	140	9.160
14	17.532	160	8.738
16	17.065	180	8.547
18	16.828	200	8.062
20	16.738	225	7.508
22	16.550	250	6.923
24	16.180	275	6.523
26	15.677	300	6.024
28	14.780	325	5.708
30	13.440	350	5.309
35	11.057	375	5.029
40	10.238	400	4.742
45	9.718	425	4.596
50	9.268	450	4.467



Station: xbt140

Month	Day	Year	Time	Latitude	Longitude
8	30	91	1126	42.7988 N	173.8927 W

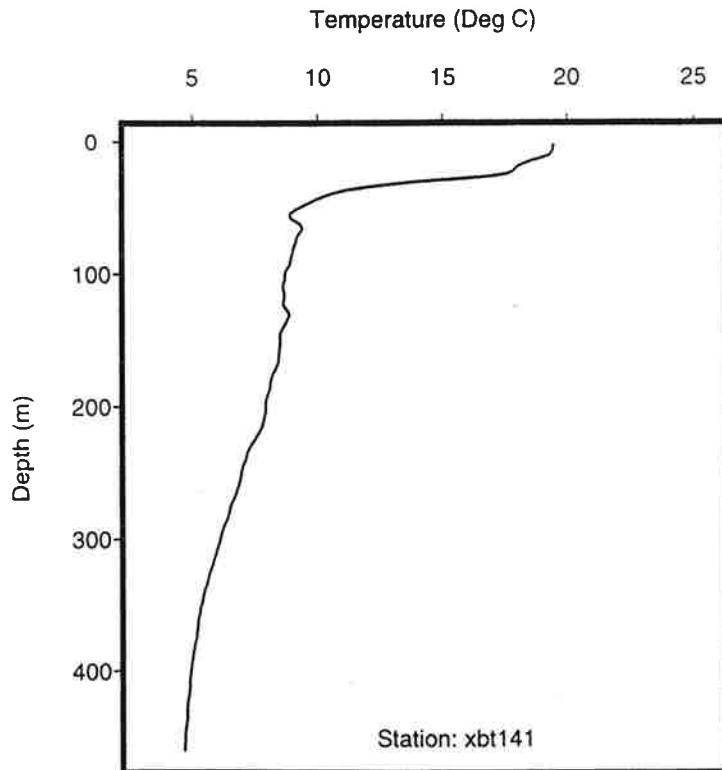
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	19.778	60	9.451
2	19.778	70	9.478
4	19.282	80	9.125
6	19.178	90	8.993
8	19.157	100	9.088
10	19.152	120	9.348
12	19.137	140	9.702
14	19.115	160	9.117
16	19.048	180	8.847
18	18.587	200	8.523
20	17.816	225	8.062
22	17.371	250	7.405
24	17.258	275	6.953
26	17.212	300	6.642
28	17.175	325	6.164
30	16.660	350	5.781
35	12.872	375	5.518
40	11.099	400	5.223
45	9.670	425	5.046
50	9.345	450	4.869



Station: xbt141

Month	Day	Year	Time	Latitude	Longitude
8	30	91	1420	42.4883 N	173.5433 W

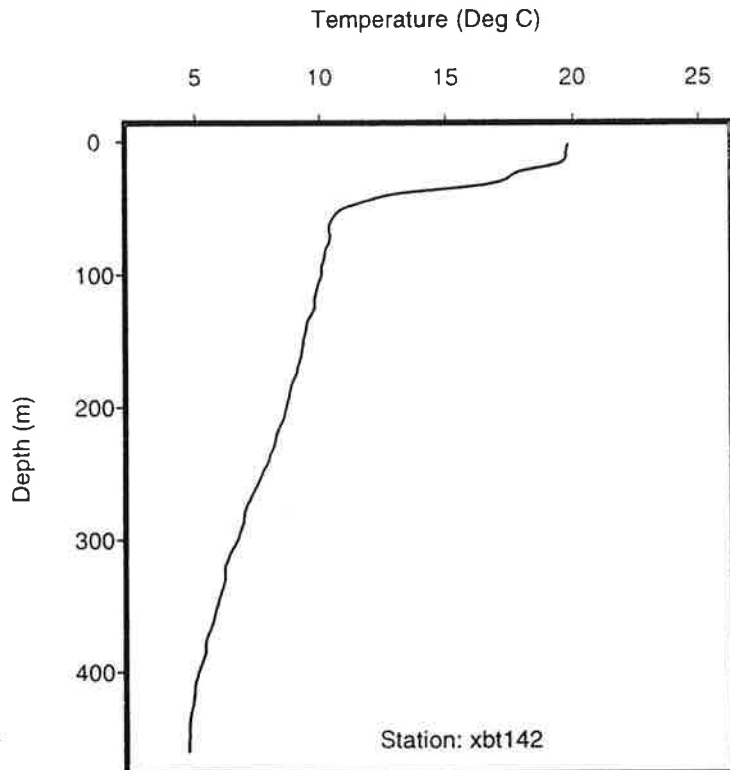
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	19.702	60	9.102
2	19.702	70	9.140
4	19.440	80	9.018
6	19.417	90	8.915
8	19.405	100	8.683
10	19.377	120	8.613
12	19.132	140	8.598
14	18.553	160	8.422
16	18.145	180	8.092
18	18.047	200	7.887
20	17.928	225	7.448
22	17.826	250	6.932
24	17.752	275	6.504
26	17.238	300	6.085
28	15.625	325	5.670
30	13.810	350	5.324
35	11.504	375	5.116
40	10.375	400	4.908
45	9.756	425	4.766
50	9.245	450	4.680



Station: xbt142

Month	Day	Year	Time	Latitude	Longitude
8	30	91	1704	42.1722 N	173.2253 W

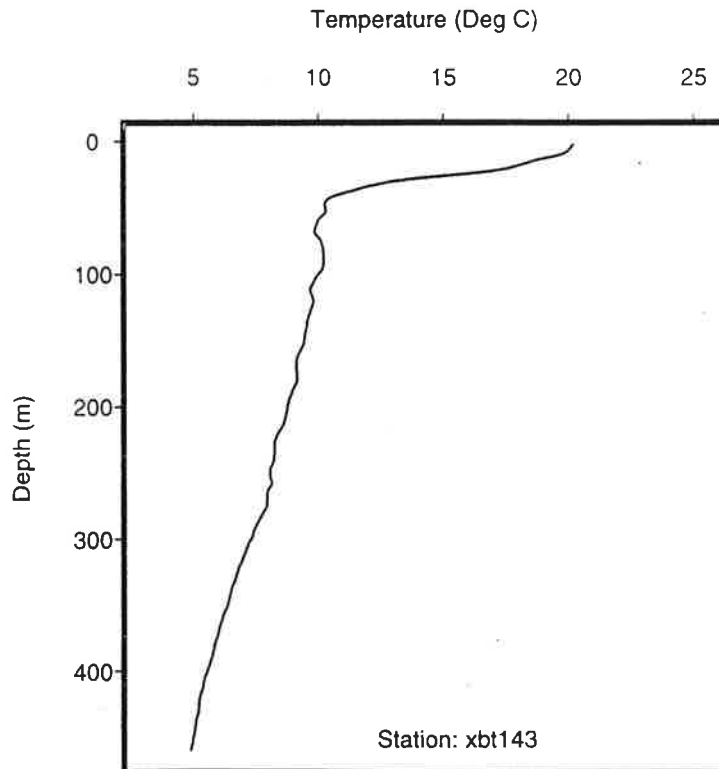
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	20.063	60	10.418
2	20.063	70	10.427
4	19.767	80	10.235
6	19.747	90	10.142
8	19.727	100	10.043
10	19.707	120	9.770
12	19.697	140	9.437
14	19.675	160	9.242
16	19.578	180	8.907
18	19.093	200	8.617
20	18.337	225	8.186
22	17.877	250	7.652
24	17.688	275	7.006
26	17.532	300	6.660
28	17.367	325	6.122
30	17.185	350	5.810
35	15.027	375	5.387
40	12.625	400	5.072
45	11.766	425	4.836
50	10.855	450	4.694



Station: xbt143

Month	Day	Year	Time	Latitude	Longitude
8	30	91	1938	41.8785 N	172.9253 W

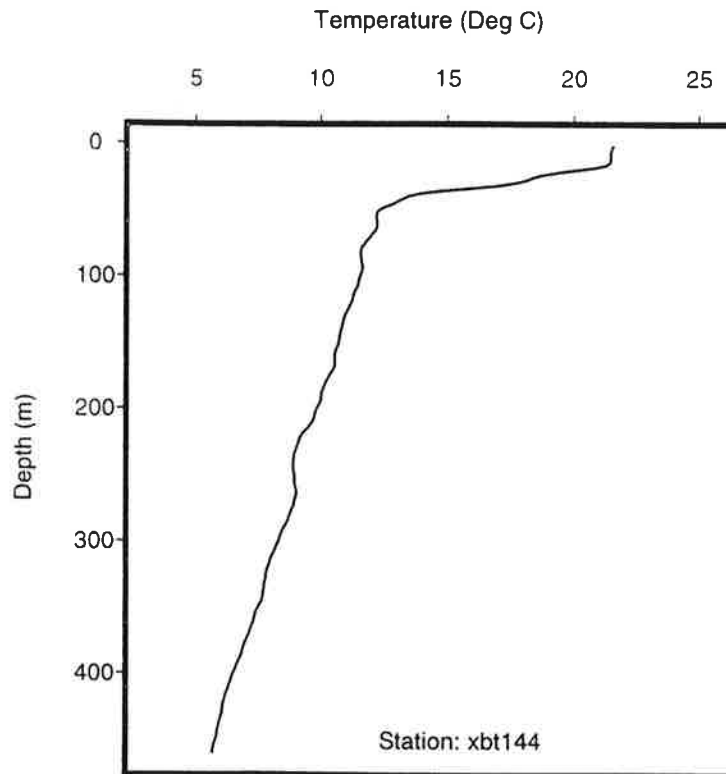
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	20.495	60	9.957
2	20.495	70	9.883
4	20.057	80	10.172
6	19.997	90	10.187
8	19.932	100	9.963
10	19.687	120	9.787
12	19.208	140	9.516
14	18.605	160	9.208
16	18.193	180	9.125
18	17.937	200	8.758
20	17.592	225	8.258
22	17.030	250	8.052
24	16.040	275	7.919
26	14.867	300	7.288
28	13.768	325	6.743
30	12.892	350	6.377
35	11.695	375	5.928
40	10.705	400	5.547
45	10.255	425	5.184
50	10.300	450	4.960



Station: xbt144

Month	Day	Year	Time	Latitude	Longitude
8	30	91	2253	41.5017 N	172.5302 W

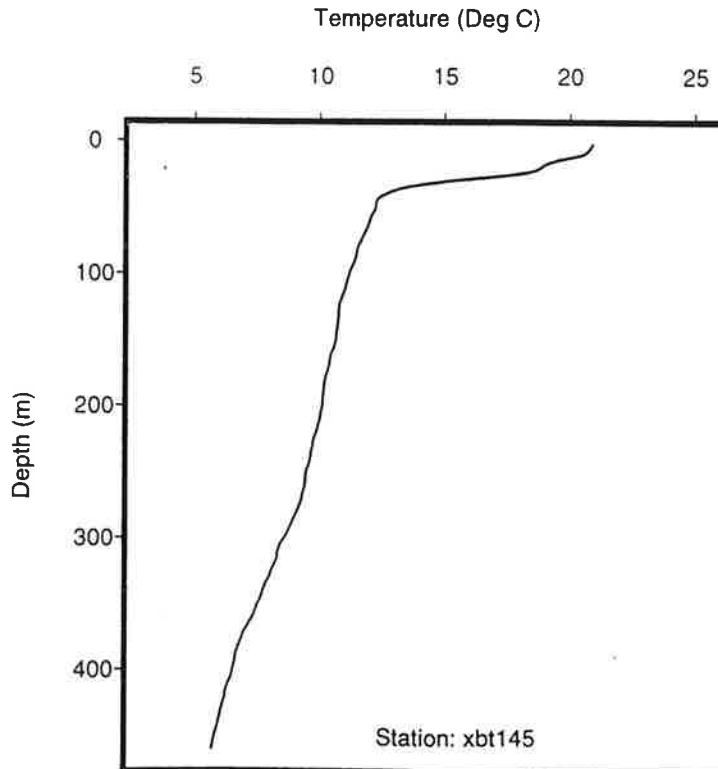
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	21.925	60	12.240
2	21.925	70	11.943
4	21.513	80	11.542
6	21.465	90	11.618
8	21.458	100	11.533
10	21.452	120	11.173
12	21.450	140	10.795
14	21.450	160	10.497
16	21.427	180	10.178
18	21.092	200	9.843
20	20.061	225	9.112
22	19.138	250	8.972
24	18.693	275	8.875
26	18.307	300	8.316
28	18.098	325	7.827
30	17.858	350	7.501
35	15.092	375	7.026
40	13.505	400	6.502
45	12.968	425	6.107
50	12.297	450	5.822



Station: xbt145

Month	Day	Year	Time	Latitude	Longitude
8	31	91	138	41.1645 N	172.2125 W

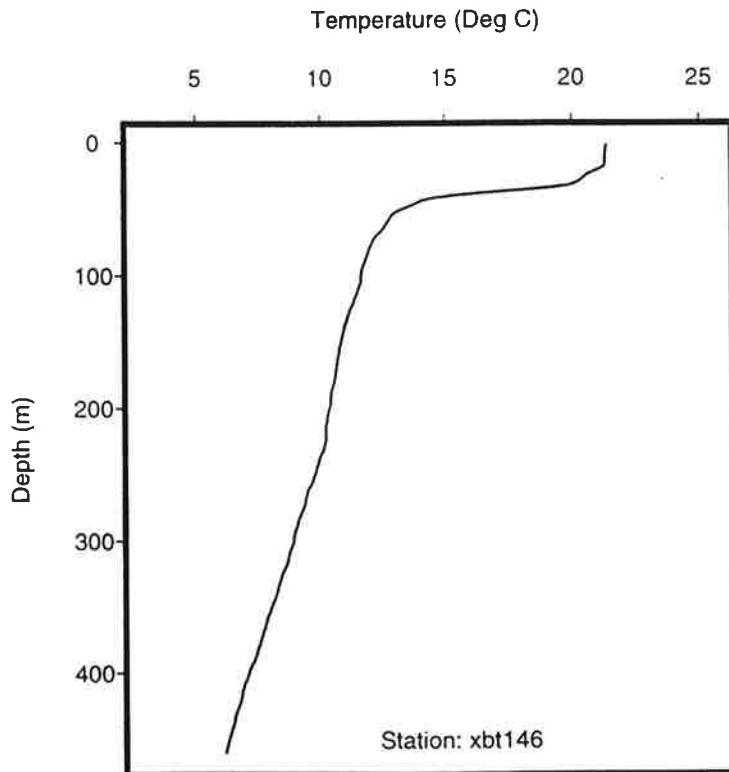
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	21.362	60	11.997
2	21.362	70	11.757
4	20.822	80	11.510
6	20.723	90	11.390
8	20.708	100	11.160
10	20.668	120	10.828
12	20.207	140	10.681
14	19.463	160	10.455
16	19.055	180	10.198
18	18.907	200	10.097
20	18.802	225	9.758
22	18.622	250	9.465
24	18.195	275	9.204
26	17.467	300	8.609
28	16.347	325	8.097
30	15.187	350	7.552
35	13.373	375	6.932
40	12.672	400	6.562
45	12.239	425	6.176
50	12.303	450	5.818



Station: xbt146

Month	Day	Year	Time	Latitude	Longitude
8	31	91	425	40.8277 N	171.8908 W

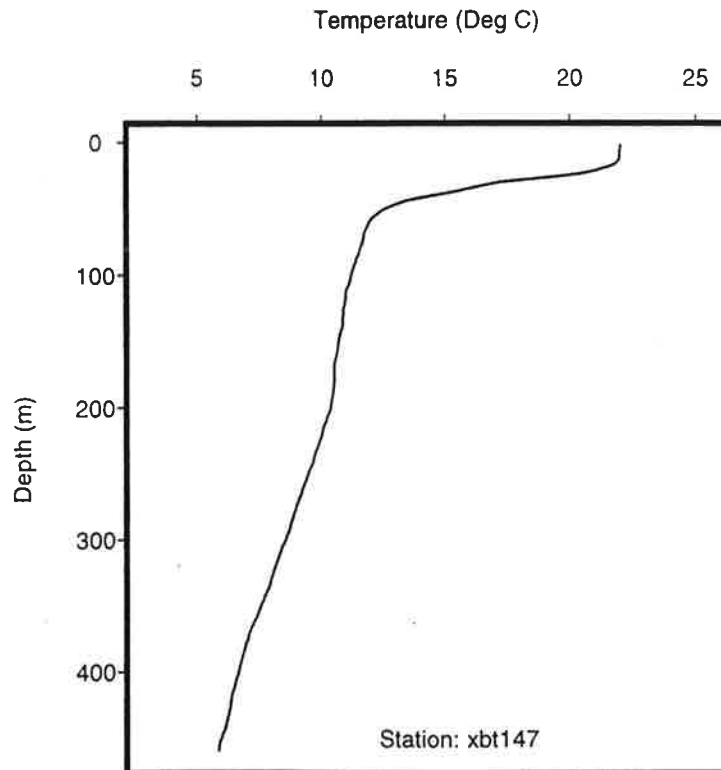
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	21.558	60	12.725
2	21.558	70	12.255
4	21.327	80	11.968
6	21.308	90	11.763
8	21.305	100	11.635
10	21.305	120	11.310
12	21.303	140	10.938
14	21.302	160	10.707
16	21.302	180	10.543
18	21.283	200	10.337
20	21.103	225	10.165
22	20.773	250	9.733
24	20.565	275	9.262
26	20.478	300	8.845
28	20.353	325	8.392
30	20.200	350	7.959
35	18.620	375	7.526
40	15.240	400	7.043
45	13.967	425	6.629
50	13.317	450	6.218



Station: xbt147

Month Day Year Time Latitude Longitude
8 31 91 710 40.484 N 171.5473 W

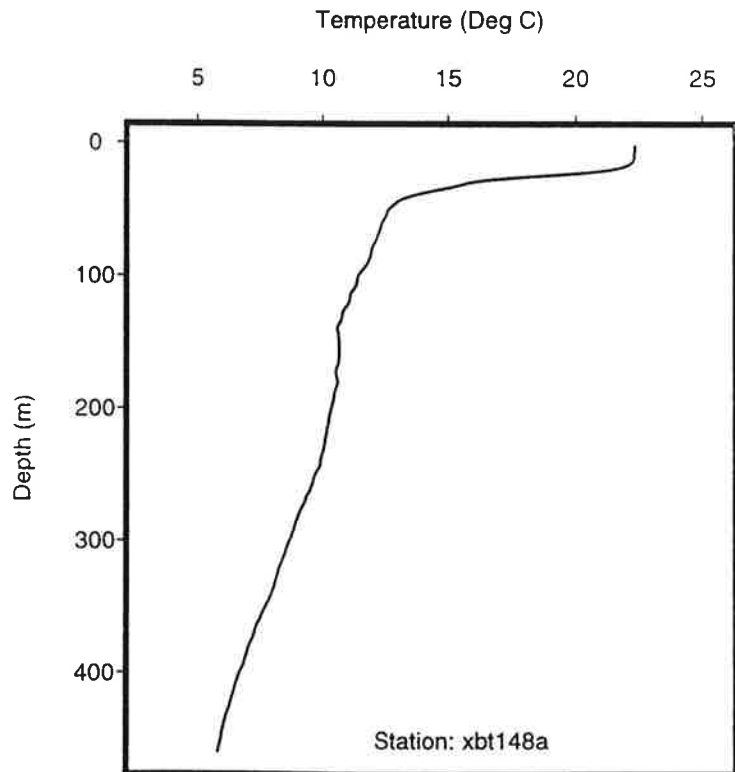
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	22.362	60	11.949
2	22.362	70	11.742
4	21.975	80	11.585
6	21.947	90	11.392
8	21.948	100	11.210
10	21.943	120	10.967
12	21.940	140	10.835
14	21.927	160	10.625
16	21.838	180	10.507
18	21.518	200	10.353
20	21.121	225	9.906
22	20.840	250	9.428
24	20.420	275	8.948
26	19.482	300	8.512
28	18.105	325	8.019
30	16.965	350	7.535
35	15.874	375	7.008
40	14.542	400	6.635
45	13.241	425	6.309
50	12.583	450	5.937



Station: xbt148a

Month	Day	Year	Time	Latitude	Longitude
8	31	91	939	40.166 N	171.2418 W

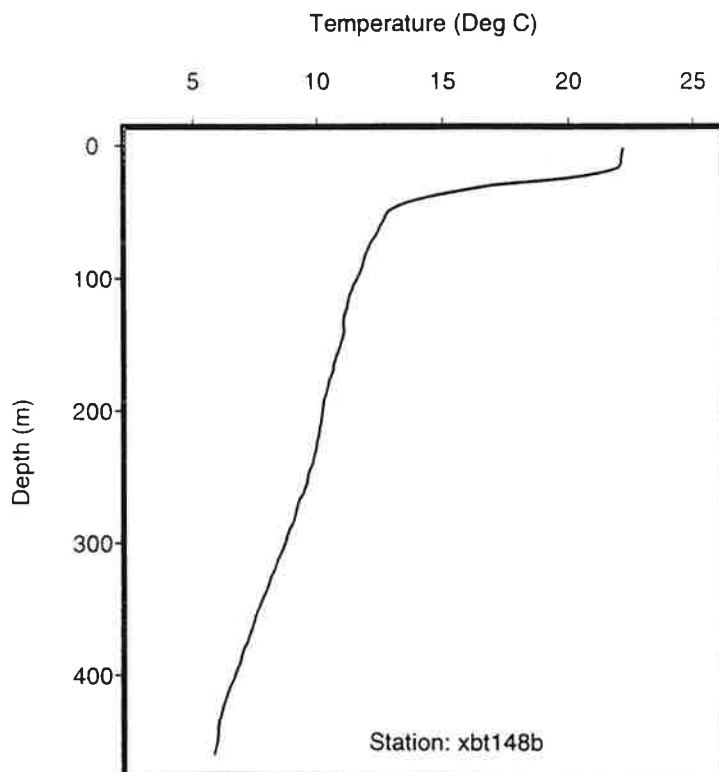
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	22.525	60	12.363
2	22.525	70	12.188
4	22.338	80	11.918
6	22.325	90	11.770
8	22.318	100	11.370
10	22.313	120	11.028
12	22.307	140	10.564
14	22.277	160	10.627
16	22.140	180	10.577
18	21.793	200	10.313
20	21.371	225	10.076
22	20.864	250	9.672
24	19.300	275	9.162
26	17.320	300	8.646
28	16.283	325	8.176
30	15.782	350	7.674
35	14.655	375	7.141
40	13.512	400	6.660
45	12.955	425	6.283
50	12.627	450	5.920



Station: xbt148b

Month Day Year Time Latitude Longitude
8 31 91 950 40.1422 N 171.2203 W

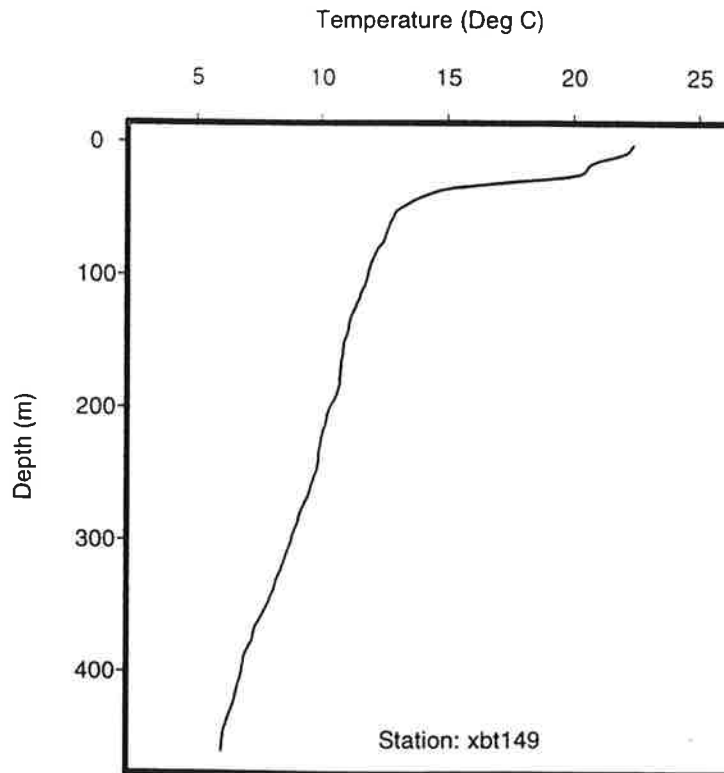
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	22.453	60	12.525
2	22.453	70	12.280
4	22.158	80	11.983
6	22.137	90	11.833
8	22.127	100	11.618
10	22.120	120	11.200
12	22.115	140	11.065
14	22.100	160	10.748
16	22.045	180	10.433
18	21.862	200	10.195
20	21.309	225	9.952
22	20.702	250	9.617
24	20.247	275	9.134
26	19.308	300	8.692
28	17.895	325	8.139
30	16.787	350	7.601
35	15.378	375	7.144
40	14.122	400	6.668
45	13.282	425	6.164
50	12.803	450	5.940



Station: xbt149

Month	Day	Year	Time	Latitude	Longitude
8	31	91	1216	39.8383 N	170.923 W

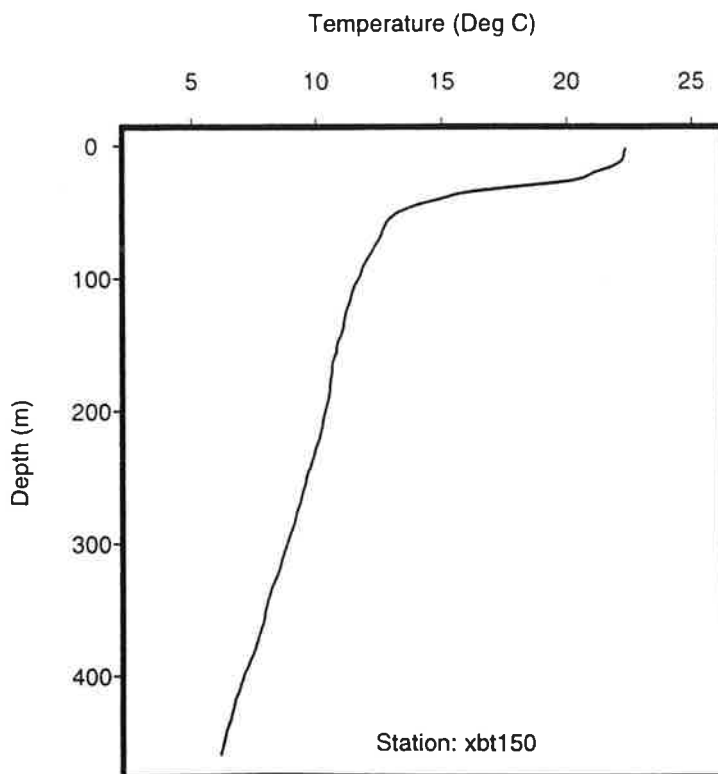
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	22.513	60	12.742
2	22.513	70	12.545
4	22.210	80	12.227
6	22.183	90	11.972
8	22.102	100	11.827
10	21.875	120	11.425
12	21.450	140	11.067
14	20.943	160	10.828
16	20.647	180	10.710
18	20.565	200	10.315
20	20.506	225	9.969
22	20.420	250	9.745
24	20.297	275	9.256
26	19.855	300	8.806
28	18.867	325	8.312
30	17.458	350	7.804
35	14.958	375	7.231
40	14.195	400	6.815
45	13.550	425	6.458
50	13.112	450	6.057



Station: xbt150

Month	Day	Year	Time	Latitude	Longitude
8	31	91	1450	39.505 N	170.596 W

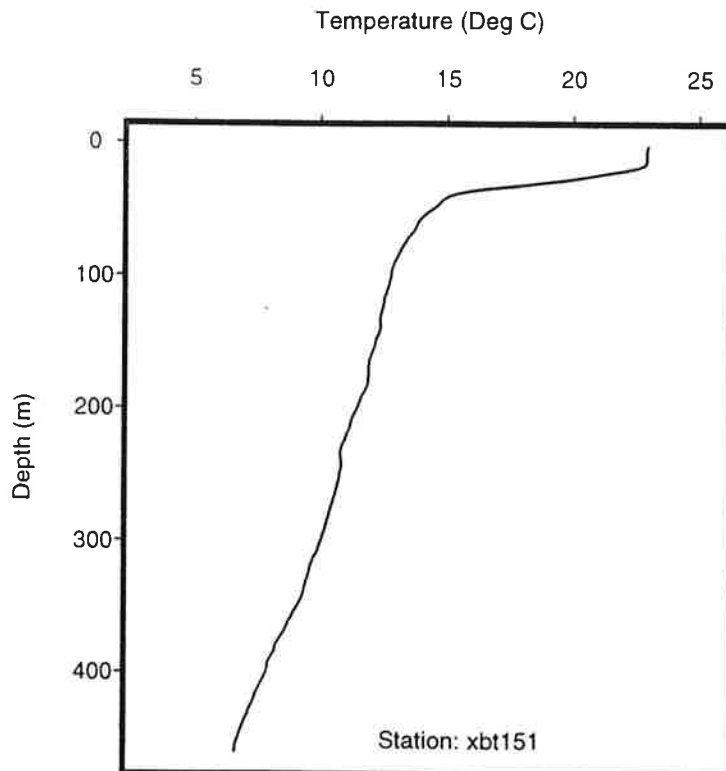
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	22.493	60	12.738
2	22.493	70	12.518
4	22.308	80	12.200
6	22.292	90	11.877
8	22.280	100	11.688
10	22.250	120	11.278
12	22.165	140	11.018
14	22.008	160	10.692
16	21.735	180	10.532
18	21.348	200	10.353
20	21.028	225	10.033
22	20.835	250	9.593
24	20.668	275	9.235
26	20.355	300	8.814
28	19.553	325	8.407
30	18.343	350	7.937
35	15.886	375	7.582
40	15.008	400	7.057
45	13.907	425	6.628
50	13.272	450	6.259



Station: xbt151

Month	Day	Year	Time	Latitude	Longitude
8	31	91	1737	39.1578 N	170.2468 W

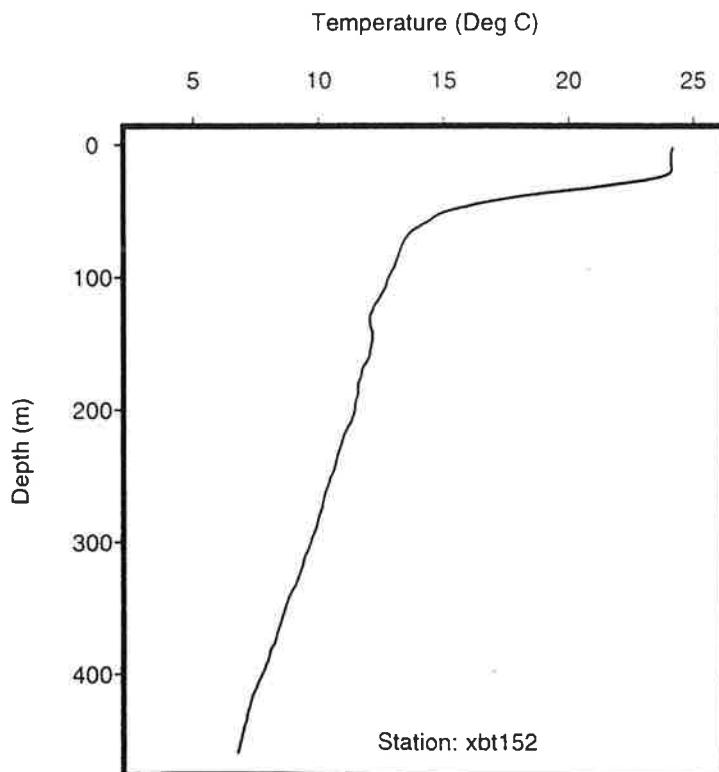
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	23.277	60	13.829
2	23.277	70	13.505
4	22.930	80	13.147
6	22.890	90	12.903
8	22.887	100	12.765
10	22.893	120	12.477
12	22.897	140	12.360
14	22.888	160	11.983
16	22.868	180	11.857
18	22.752	200	11.425
20	22.137	225	10.933
22	21.372	250	10.733
24	20.813	275	10.397
26	20.283	300	10.008
28	19.805	325	9.530
30	18.882	350	9.062
35	16.192	375	8.361
40	15.063	400	7.853
45	14.713	425	7.255
50	14.400	450	6.753



Station: xbt152

Month	Day	Year	Time	Latitude	Longitude
8	31	91	2028	38.8333 N	169.9658 W

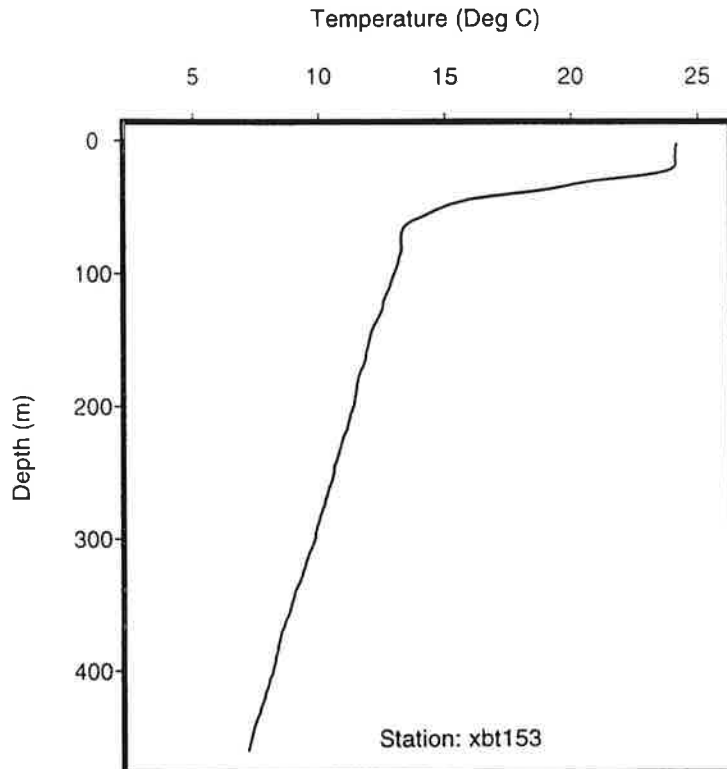
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	24.495	60	14.175
2	24.495	70	13.500
4	24.150	80	13.252
6	24.120	90	13.062
8	24.118	100	12.790
10	24.118	120	12.218
12	24.122	140	12.134
14	24.125	160	12.010
16	24.125	180	11.533
18	24.120	200	11.432
20	24.114	225	10.897
22	24.049	250	10.465
24	23.745	275	10.102
26	23.157	300	9.671
28	22.545	325	9.201
30	21.730	350	8.662
35	19.453	375	8.257
40	17.658	400	7.737
45	16.185	425	7.201
50	15.035	450	6.859



Station: xbt153

Month	Day	Year	Time	Latitude	Longitude
8	31	91	2325	38.502 N	169.6273 W

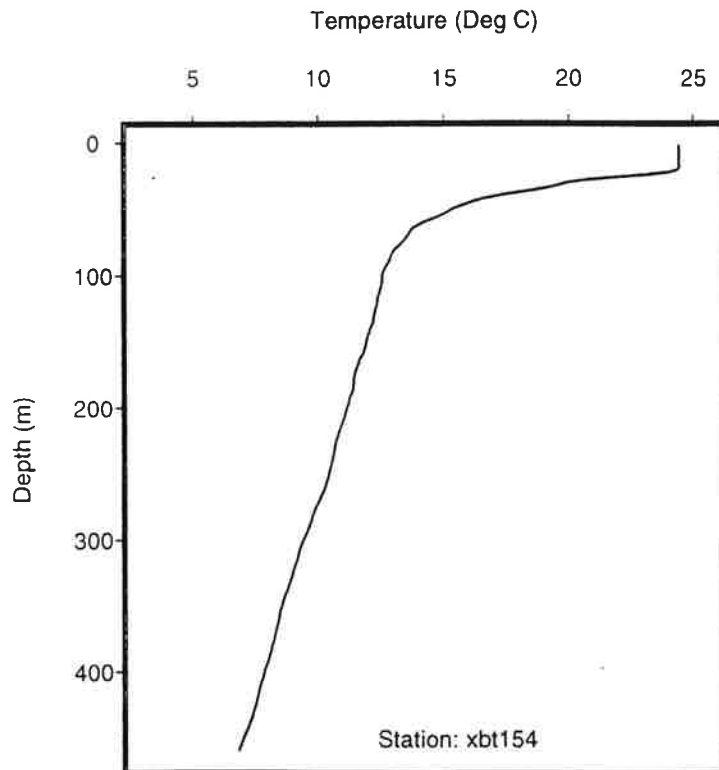
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	24.352	60	13.715
2	24.352	70	13.285
4	24.125	80	13.303
6	24.098	90	13.180
8	24.095	100	13.002
10	24.085	120	12.575
12	24.075	140	12.137
14	24.078	160	11.855
16	24.085	180	11.532
18	24.078	200	11.340
20	24.034	225	10.888
22	23.847	250	10.557
24	23.380	275	10.161
26	22.872	300	9.789
28	21.930	325	9.333
30	20.665	350	8.866
35	19.521	375	8.408
40	17.490	400	8.112
45	15.692	425	7.688
50	14.877	450	7.270



Station: xbt154

Month	Day	Year	Time	Latitude	Longitude
9	1	91	203	38.165 N	169.327 W

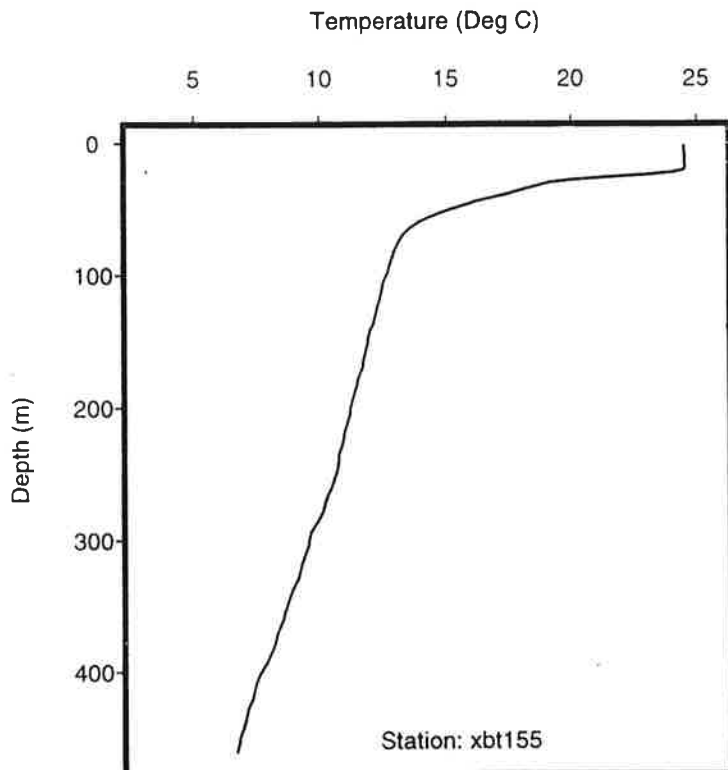
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	24.532	60	14.204
2	24.532	70	13.560
4	24.432	80	13.050
6	24.422	90	12.802
8	24.417	100	12.547
10	24.420	120	12.328
12	24.423	140	12.061
14	24.423	160	11.753
16	24.418	180	11.380
18	24.412	200	11.127
20	24.385	225	10.692
22	24.150	250	10.413
24	23.255	275	9.898
26	21.697	300	9.392
28	20.437	325	8.968
30	19.880	350	8.521
35	18.782	375	8.199
40	17.049	400	7.798
45	16.045	425	7.469
50	15.308	450	6.972



Station: xbt155

Month	Day	Year	Time	Latitude	Longitude
9	1	91	436	37.8532 N	169.0593 W

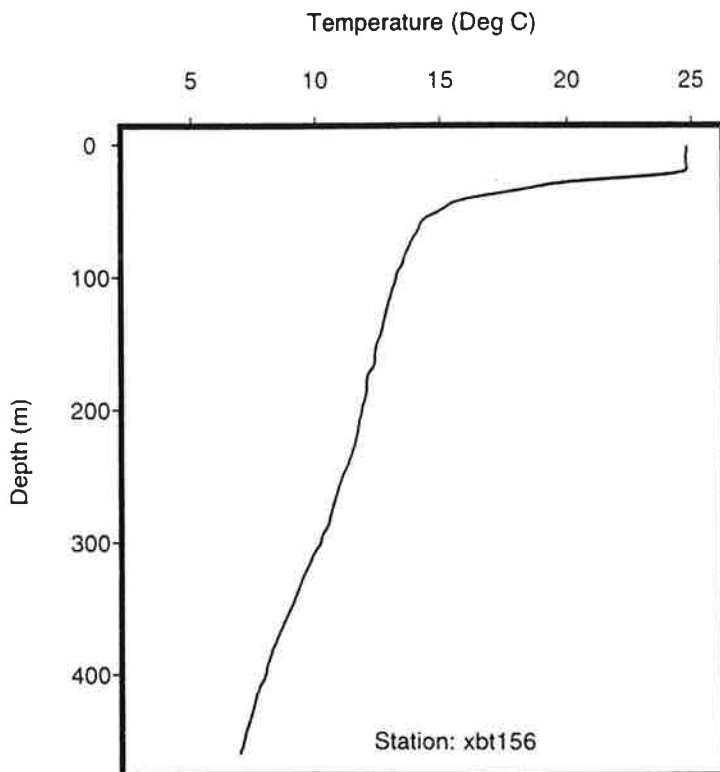
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	24.550	60	13.905
2	24.550	70	13.292
4	24.512	80	12.987
6	24.512	90	12.810
8	24.520	100	12.648
10	24.527	120	12.323
12	24.533	140	11.988
14	24.533	160	11.758
16	24.527	180	11.455
18	24.512	200	11.178
20	24.495	225	10.880
22	24.320	250	10.600
24	23.188	275	10.139
26	21.203	300	9.547
28	19.705	325	9.178
30	19.045	350	8.665
35	18.032	375	8.217
40	17.172	400	7.610
45	15.981	425	7.149
50	15.143	450	6.775



Station: xbt156

Month	Day	Year	Time	Latitude	Longitude
9	1	91	735	37.4893 N	168.74 W

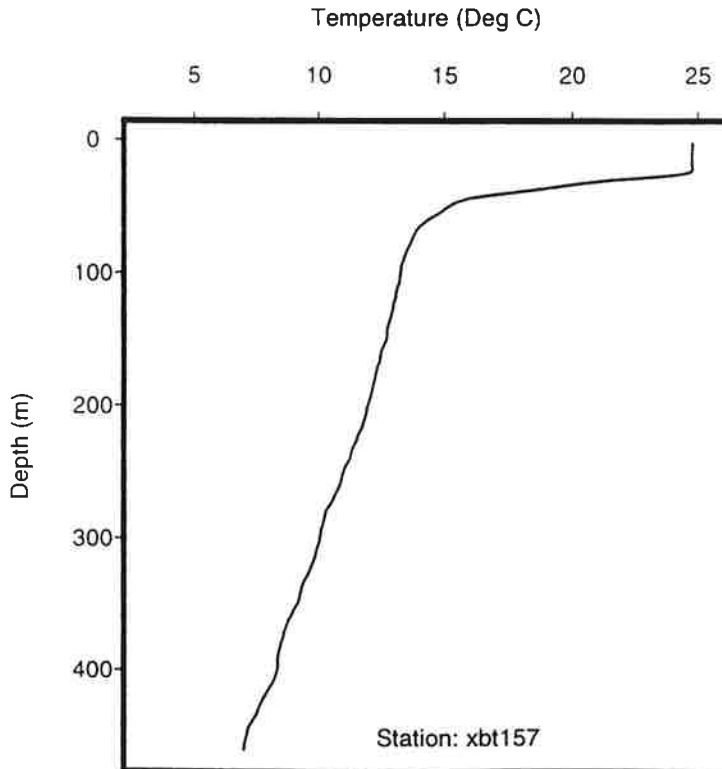
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	24.990	60	14.235
2	24.990	70	13.938
4	24.810	80	13.668
6	24.787	90	13.528
8	24.792	100	13.250
10	24.795	120	12.935
12	24.790	140	12.665
14	24.785	160	12.390
16	24.783	180	12.050
18	24.783	200	11.870
20	24.753	225	11.577
22	24.455	250	11.068
24	23.322	275	10.647
26	21.442	300	10.178
28	20.025	325	9.513
30	19.262	350	8.959
35	17.785	375	8.387
40	16.205	400	7.958
45	15.380	425	7.459
50	15.005	450	7.059



Station: xbt157

Month	Day	Year	Time	Latitude	Longitude
9	1	91	1011	37.1627 N	168.467 W

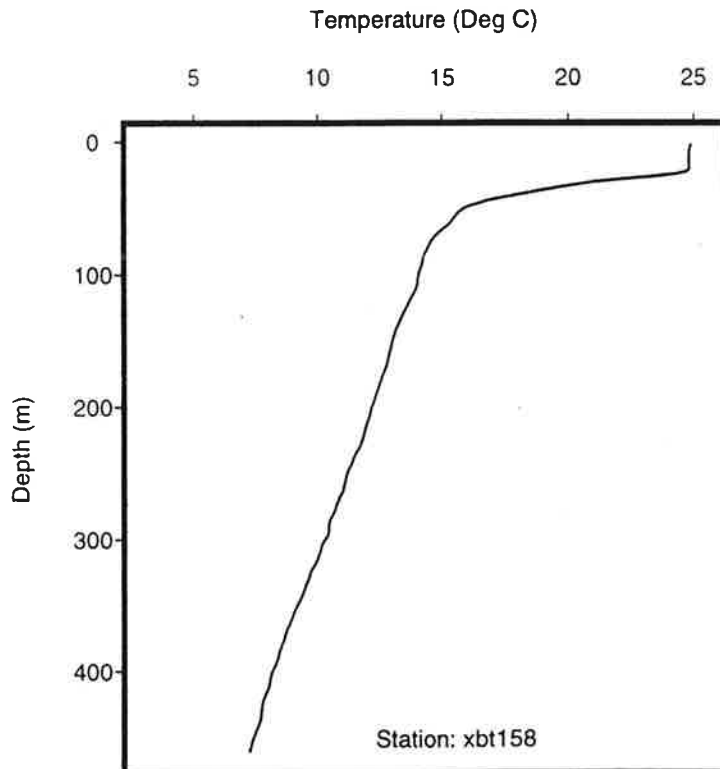
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	24.958	60	14.363
2	24.958	70	13.883
4	24.782	80	13.623
6	24.767	90	13.397
8	24.762	100	13.287
10	24.760	120	13.072
12	24.758	140	12.788
14	24.755	160	12.495
16	24.750	180	12.265
18	24.750	200	11.968
20	24.755	225	11.545
22	24.754	250	10.982
24	24.738	275	10.441
26	24.587	300	10.036
28	23.080	325	9.605
30	21.122	350	9.127
35	19.322	375	8.566
40	17.458	400	8.312
45	15.747	425	7.658
50	15.172	450	7.070



Station: xbt158

Month	Day	Year	Time	Latitude	Longitude
9	1	91	1315	36.8352 N	168.2097 W

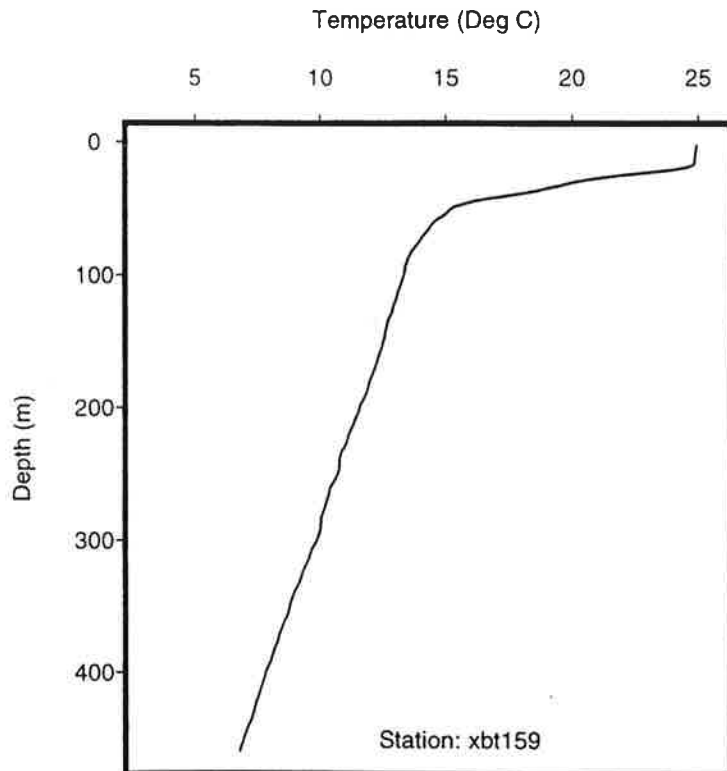
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	24.935	60	15.405
2	24.935	70	14.788
4	24.867	80	14.435
6	24.832	90	14.223
8	24.818	100	14.055
10	24.810	120	13.692
12	24.802	140	13.169
14	24.800	160	12.867
16	24.798	180	12.538
18	24.797	200	12.150
20	24.792	225	11.780
22	24.782	250	11.165
24	24.483	275	10.726
26	23.418	300	10.285
28	21.945	325	9.686
30	20.892	350	9.145
35	19.222	375	8.647
40	17.934	400	8.153
45	16.627	425	7.754
50	15.880	450	7.379



Station: xbt159

Month	Day	Year	Time	Latitude	Longitude
9	1	91	1607	36.502 N	167.9045 W

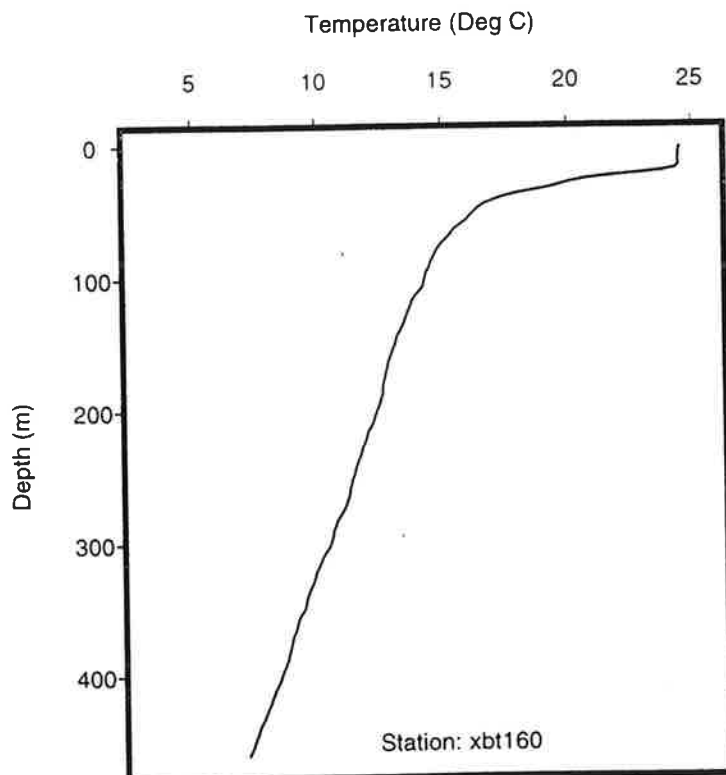
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	25.047	60	14.513
2	25.047	70	14.120
4	24.918	80	13.722
6	24.895	90	13.473
8	24.883	100	13.355
10	24.872	120	13.007
12	24.863	140	12.643
14	24.850	160	12.363
16	24.833	180	11.963
18	24.803	200	11.557
20	24.222	225	11.044
22	23.148	250	10.675
24	22.137	275	10.177
26	21.210	300	9.837
28	20.590	325	9.238
30	20.060	350	8.753
35	18.844	375	8.290
40	17.421	400	7.780
45	15.903	425	7.361
50	15.153	450	6.896



Station: xbt160

Month	Day	Year	Time	Latitude	Longitude
9	1	91	1848	36.174 N	167.6373 W

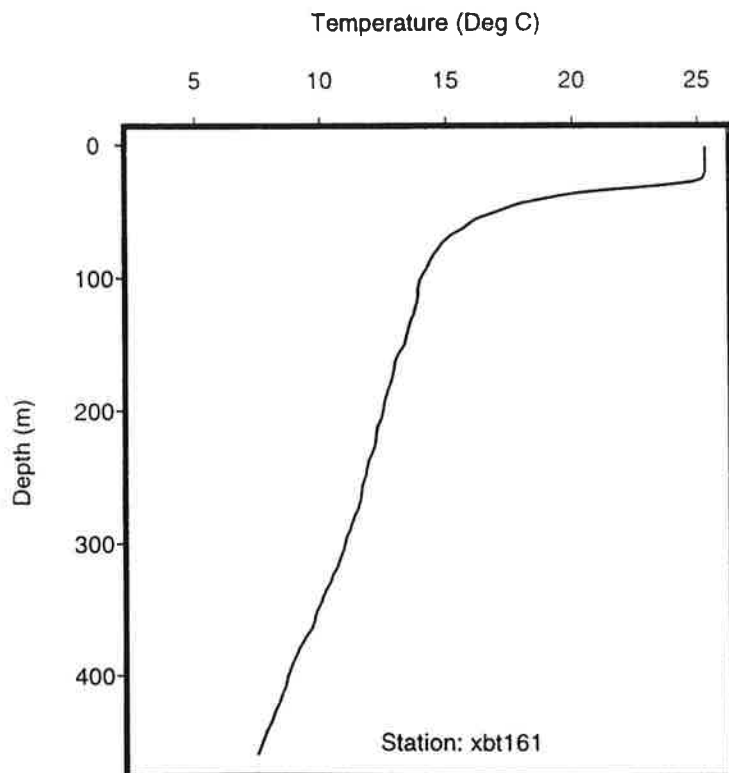
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	24.618	60	15.708
2	24.618	70	15.238
4	24.533	80	14.772
6	24.508	90	14.548
8	24.498	100	14.317
10	24.493	120	13.757
12	24.483	140	13.310
14	24.482	160	12.892
16	24.483	180	12.608
18	24.470	200	12.367
20	24.140	225	11.855
22	22.881	250	11.435
24	21.318	275	11.024
26	20.468	300	10.484
28	20.122	325	9.826
30	19.800	350	9.392
35	18.282	375	8.860
40	17.311	400	8.453
45	16.577	425	7.892
50	16.303	450	7.342



Station: xbt161

Month	Day	Year	Time	Latitude	Longitude
9	1	91	2121	35.8412 N	167.3878 W

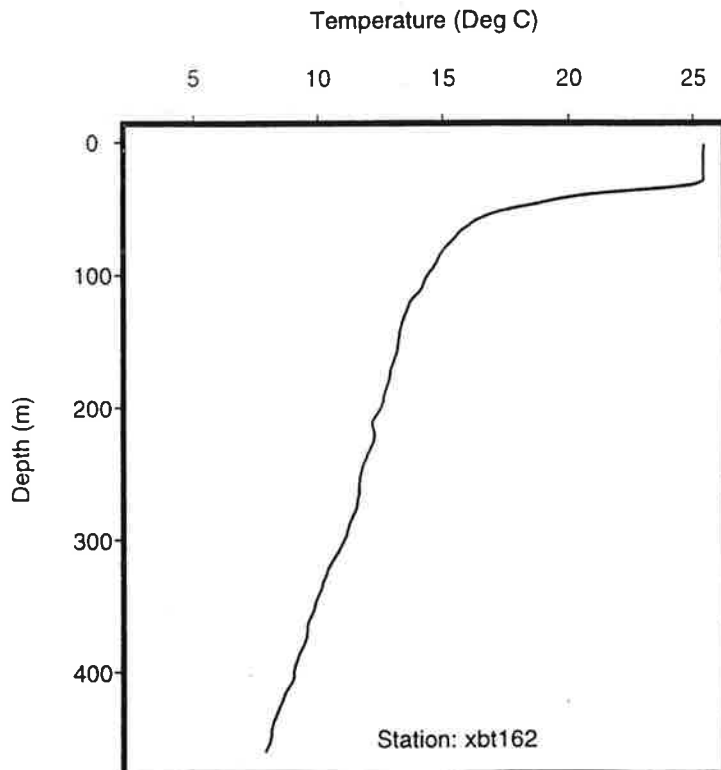
Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	25.343	60	15.885
2	25.343	70	15.052
4	25.313	80	14.608
6	25.310	90	14.272
8	25.317	100	14.010
10	25.315	120	13.825
12	25.313	140	13.478
14	25.310	160	13.038
16	25.315	180	12.775
18	25.312	200	12.492
20	25.312	225	12.175
22	25.314	250	11.777
24	25.312	275	11.448
26	25.307	300	10.956
28	25.262	325	10.439
30	24.548	350	9.855
35	20.592	375	9.252
40	19.100	400	8.653
45	17.692	425	8.192
50	17.022	450	7.638



Station: xbt162

Month	Day	Year	Time	Latitude	Longitude
9	1	91	2359	35.4837 N	167.1358 W

Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	25.512	60	16.210
2	25.512	70	15.552
4	25.437	80	15.068
6	25.435	90	14.763
8	25.417	100	14.377
10	25.422	120	13.672
12	25.442	140	13.306
14	25.437	160	13.117
16	25.418	180	12.837
18	25.420	200	12.518
20	25.429	225	12.218
22	25.415	250	11.707
24	25.415	275	11.555
26	25.425	300	11.048
28	25.412	325	10.338
30	25.375	350	9.848
35	23.312	375	9.485
40	20.409	400	9.003
45	18.962	425	8.472
50	17.568	450	8.099



Station: xbt163

Month	Day	Year	Time	Latitude	Longitude
9	2	91	224	35.1658 N	116.9038 W

Depth (m)	Temperature (C)	Depth (m)	Temperature (C)
0	25.387	60	15.887
2	25.387	70	15.073
4	25.215	80	14.265
6	25.207	90	13.970
8	25.203	100	13.508
10	25.202	120	13.405
12	25.205	140	12.970
14	25.207	160	12.607
16	25.205	180	12.327
18	25.200	200	12.045
20	25.198	225	11.522
22	25.200	250	11.038
24	25.198	275	10.820
26	25.123	300	10.525
28	24.487	325	10.085
30	22.997	350	9.598
35	20.719	375	9.015
40	18.992	400	8.567
45	17.834	425	8.171
50	16.990	450	7.691

