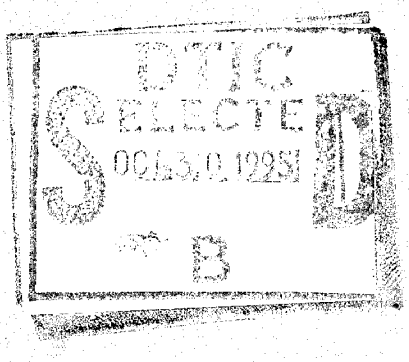
North Pacific Ocean

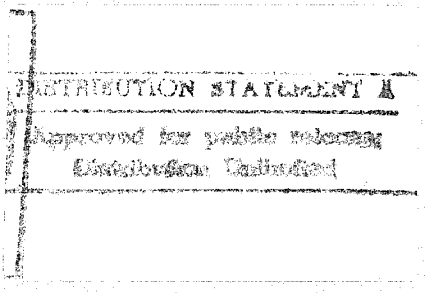
Fiberling Seamount

CTD Data Report

R/V New Horizon
24 April - 11 May 1991

Gunnar I. Roden
William J. Fredericks





University of Washington

NORTH PACIFIC OCEAN

FIEBERLING SEAMOUNT

CTD DATA REPORT

R/V New Horizon
24 April - 11 May 1991

Gunnar I. Roden
William J. Fredericks

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School of Oceanography
University of Washington
Seattle, Washington 98195

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University of Washington
Seattle WA 98195-7940

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ABSTRACT

During April and May 1991 the *R/V New Horizon* made a detailed study of the flow and thermohaline structures around Fieberling and neighboring seamounts as part of a multi-investigator, multi-institutional ONR sponsored Flow over Abrupt Topography Accelerated Research Initiative. A total of 122 stations were taken in the working area and 2 test stations were taken outside it. This report gives a numerical and graphical summary of the CTD field measurements and of surface meteorological observations.

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ABSTRACT

During April and May 1991 the *R/V New Horizon* made a detailed study of the flow and thermohaline structures around Fieberling and neighboring seamounts as part of a multi-investigator, multi-institutional ONR sponsored Flow over Abrupt Topography Accelerated Research Initiative. A total of 122 stations were taken in the working area and 2 test stations were taken outside it. This report gives a numerical and graphical summary of the CTD field measurements and of surface meteorological observations.

INTRODUCTION

A. Sea floor topography

Fieberling is a large seamount 992 km west of San Diego,CA (Figure 1). It rises abruptly from the deep ocean floor at 4300 m to a minimum depth of 438 m. To the ESE of Fieberling are three smaller seamounts: Fieberling II, 52 km distant with a minimum depth of 1040 m; Hoke, 88 km distant with a least depth of 772 m; and Stoddard, 164 km distant with a minimum depth of 1070 m. The four seamounts form a linearly arranged group, which will be referred to as the Fieberling group. The basic dimensions of the four seamounts and of the gaps between them are summarized in Table 1. It is important to note that Fieberling seamount is isolated from its neighbors only in the upper fifth of the water column. Below 2000 m, the gaps between Fieberling, Fieberling II and Hoke are less than the width of the seamounts involved. This seafloor shape has fundamental consequences for flow-topography interaction. While the upper layer flow interacts directly with a single seamount (Fieberling), the deep flow interacts with the seamount group.

B. Objectives of CTD study

To investigate the effects of the Fieberling and neighboring seamounts on oceanic flow and property structures in their vicinity, a detailed field study was made of the environmental conditions in the area aboard the *R/V New Horizon* between 24 April and 11 May 1991. The main objectives of this study were to:

1. determine the structure of the large scale flow impinging upon Fieberling seamount and its change with depth,

2. study the effects of neighboring seamounts on the circulation near Fieberling,

3. investigate the characteristics of jets and eddies near seamounts and seamount wakes,

4. assess the structure and extent of upwelling cones above the summits of seamounts,

5. determine the time variability of the spatial structures over a period of one week.

C. Cruise track, station positions and meteorological observations.

The field study focused on a 110 km by 170 km area centered around the WNW-ESE axis of the seamounts. The basic station grid was 27 km, with closer station spacing near the seamounts. The station pattern in the working area is shown in Figure 2 and consisted of 122 CTD stations. Fifty-nine stations were occupied twice in order to determine the time change over a week. In addition, two instrument test stations were taken, one at 32°32' N, 118°00' W (station 0) shortly after leaving San Diego and one at 32°30' N, 126°00' W (station 123) shortly after leaving the working area. At all stations, records were kept of atmospheric pressure, wind speed and direction as well as of dry and wet bulb temperatures.

PARTICIPANTS

Ship's Captain

Eric Buck	SIO

Chief Scientist

Gunnar I. Roden	UW

Scientist

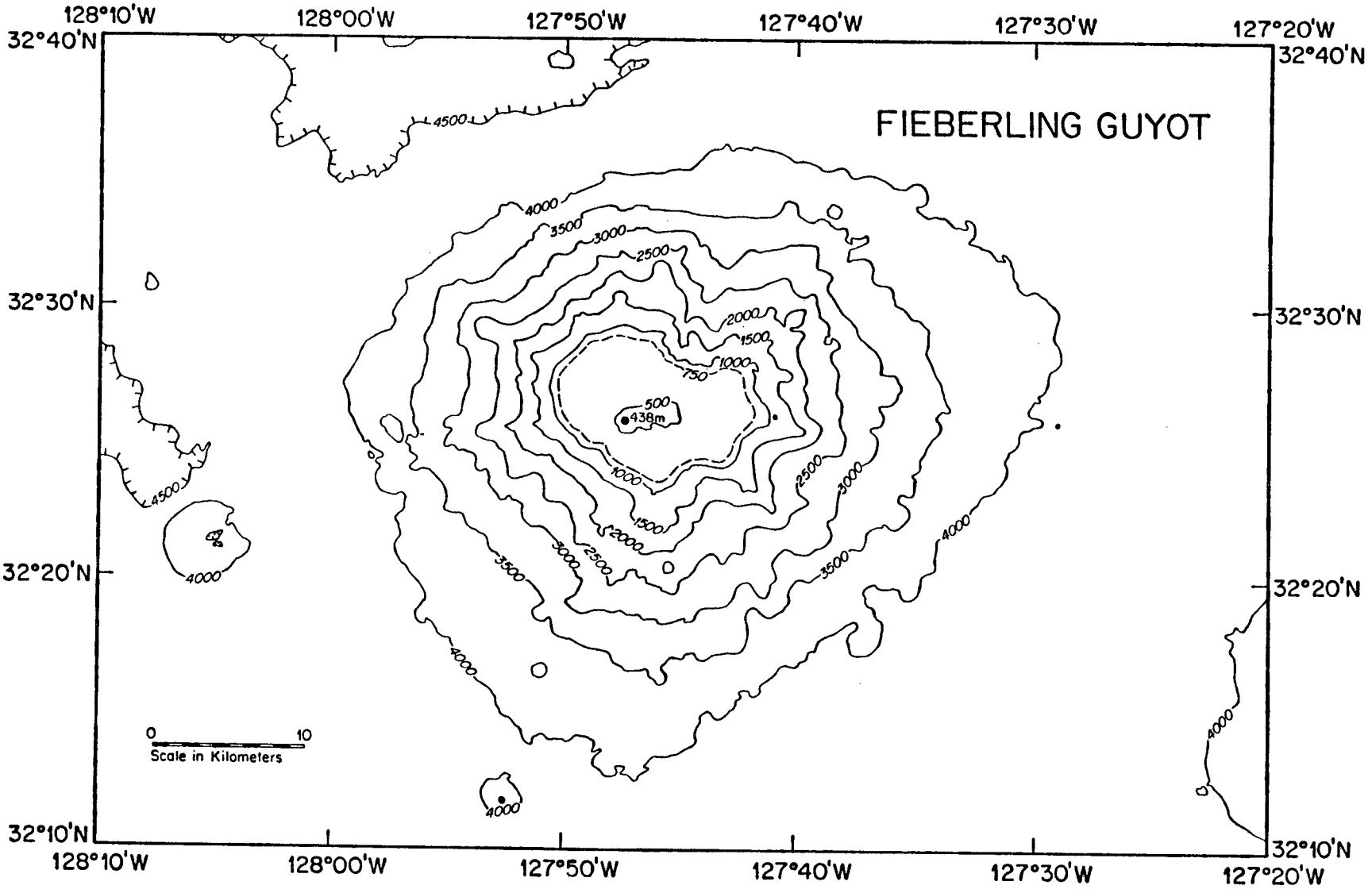
Thomas F. Gross	Skidaway IO

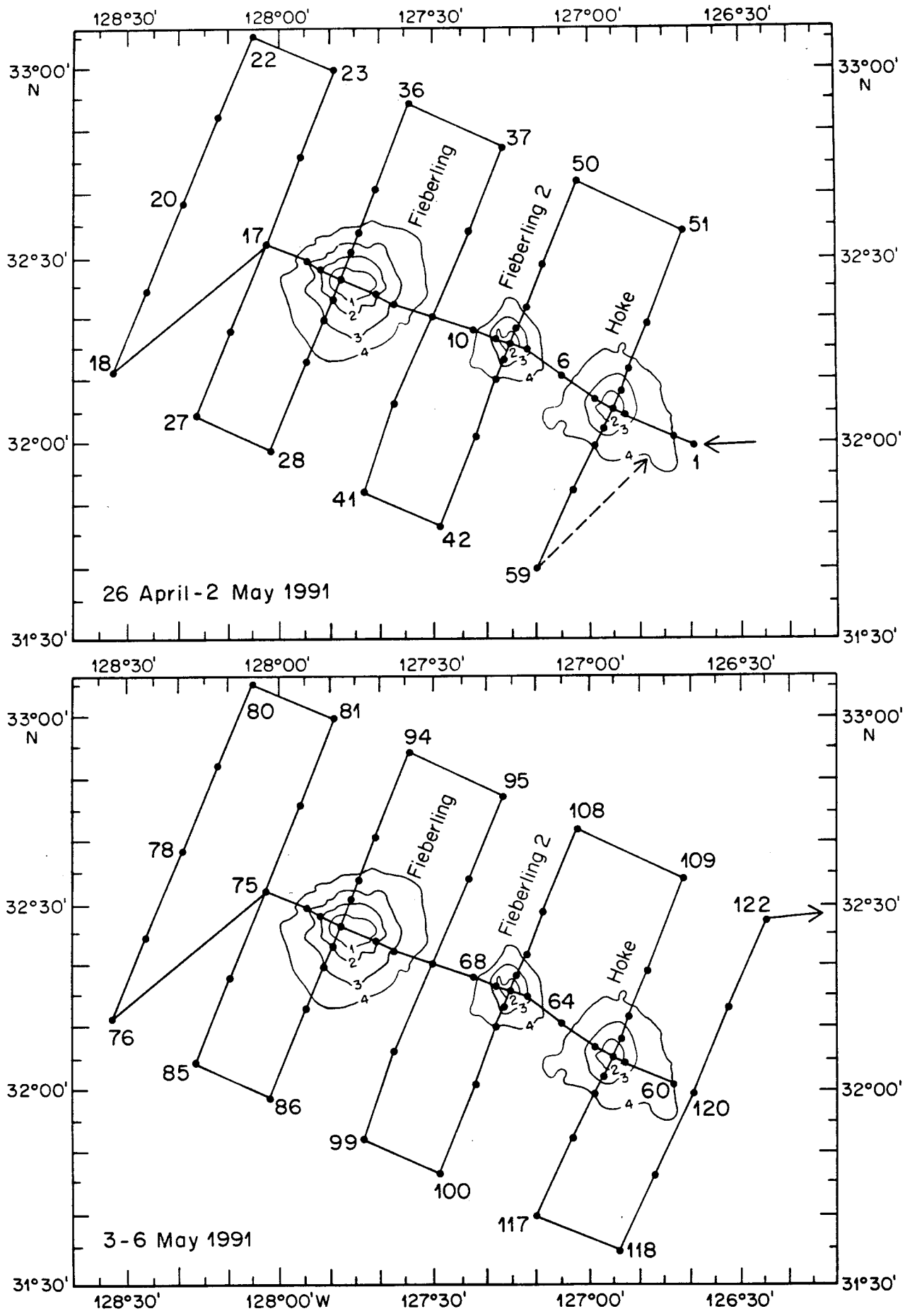
Technical Personnel

Terrence Biever	U of CO
Ronald Comer	SIO
William J .Fredericks	UW
Katherine A. Krogslund	UW
William H. Martin	UW
Stanley Moore	OSU
Kathleen K. Newell	UW
Grady Nichols	Skidaway IO
James R. Postel	UW
Michael J. Realander	UW
George M. White	UW

TABLE 1. Basic Dimensions of Seamounts in the Fieberling Group. Widths are approxiamate. Heights are relative to a seafloor base at 4300 m.

Seamounts:	Fieberling	Fieberling II	Hoke	Stoddard
Latitude	32°26.1'N	32°16.1'N	32°05.7'N	31°45.6'N
Longitude	127°45.9'W	127°15.1'W	126°55.5'W	126°13.8'W
Minimun depth	438 m	1048 m	772 m	1075 m
Height above seafloor	3862 m	3252 m	3528 m	3225 m
Width at 500 m	3 km	–	–	–
Width at 1000 m	12 km	–	4 km	–
Width at 1500 m	16 km	6 km	8 km	3 km
Width at 2000 m	20 km	8 km	9 km	8 km
Width at 4000 m	40 km	22 km	30 km	22 km
Gap at 1500 m	41 km	32 km	68 km	
Gap at 2000 m	35 km	26 km	61 km	
Gap at 4000 m	20 km	11 km	35 km	


FIEBERLING GUYOT
128°10'W
128°00'W
127°50'W
127°40'W
127°30'W
127°20'W
32°40'N
32°30'N
32°20'N
32°10'N
4500
4000
3500
3000
2500
2000
1500
1000
750
500
438m
0
10
Scale in Kilometers


128°30'
128°00'
127°30'
127°00'
126°30'
33°00' N
32°30'
32°00'
31°30'
22
23
36
37
20
17
Fieberling
Fieberling 2
50
51
Hoke
18
10
6
1
27
28
41
42
59
26 April-2 May 1991
80
81
94
95
78
75
108
109
122
68
64
76
85
86
99
100
60
120
117
118
3-6 May 1991
128°00'W

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Captain Eric Buck and his officers and men are to be commended for outstanding performance. The high professional competence of the seagoing personnel from the Oregon State University (OSU), the Scripps Institution of Oceanography (SIO), the Skidaway Institute of Oceanography (Skidaway IO) and the University of Washington (UW) made this report possible. This report was supported by ONR grant N00014-89-J-1248.

DATA ACQUISITION AND CALIBRATION

The CTD casts were conducted using the University of Washington's Seabird Conductivity-Temperature-Pressure profiler, coupled to a SeaTech Transmissometer (25 cm pathlength) and a General Oceanics 24 bottle rosette sampler. A 12 kHz pinger was mounted in the CTD frame to allow a safe approach to the bottom.

The conductivity, temperature and pressure sensors were calibrated before and after the cruise by Seabird. The pressure sensor required no correction. For temperature and conductivity the following corrections were applied:

Temperature:	$T^{\circ}(corr) = T^{\circ}(raw) - 0.00350^{\circ}$	Celsius
Conductivity:	$C(corr) = C(raw) + 0.000174$	Siemens/m

The salinities derived from the corrected CTD conductivities, temperatures and pressures were compared to the salinities derived from the shipboard Guildline Autosal instrument. The CTD salinities agreed with the Autosal water bottle salinities within 0.003 per mille. No further corrections were applied.

The transmissometer was calibrated by SeaTech before the cruise. The instrument was damaged beyond repair at station 25, so no post cruise calibration could be made to determine the instrument drift. Comparison with light transmission data obtained in 1989 in the same area showed a systematic positive offset of one percent at all depths in 1991. This offset has been removed from the data. The profiles of light transmission exhibited some electronic jitter with amplitudes not exceeding 0.2 %. In order to eliminate the jitter, the light transmission profiles were smoothed with a 21 point binomial filter. No further corrections were applied.

The conductivity, temperature, pressure and light transmission data were digitized at 2 dbar intervals. These data formed the basis for all subsequent calculations.

DATA PROCESSING

The calibrated temperature, salinity and pressure data were used to calculate density using the international equation of state for sea water (EOS-80), as given by Gill (1982). Potential temperature was calculated from Bryden's polynomial (Bryden,1973). Sound speed was computed from Wilson's equation (Tolstoy and Clay,1966). The Väisälä frequency was computed from the vertical density gradient and the compressibility term, with the gravity based on the international reference ellipsoid of 1980. A centered difference was used to calculate the vertical density gradient. A quadratic equation was used the calculate depth; the equation involved the integral of specific volume with respect to pressure and a gravity dependent upon latitude and pressure. The transport function was computed as the integral of dynamic height with respect to depth.

The CTD listings and units are as follows:

1. PRESSURE — pressure in decibars
2. DEPTH — depth in meters
3. TEMP — temperature in degrees Celsius
4. POT.T. — potential temperature in degrees Celsius
5. SAL — salinity in per mille
6. SIGMA-θ — potential density - 1000.0 in kg/m^3
7. SIGMA-Z — density in situ - 1000.0 in kg/m^3
8. SIGMA-T — density as f(T,S,0)-1000.0 in kg/m^3
9. DELTA — specific volume anomaly in m^3/kg
10. DYN.HT — dynamic height in $J/kg = m^2/s^2$
11. LTR — light transmission in per cent
12. SV — sound speed in m/s
13. TF — transport function in m^3/s^2
14. N^2 — Väisälä fequency squared in $(radians/s)^2$

REFERENCES

Bryden,H.L., New polynomials for thermal expansion, adiabatic temperature gradient and potential temperature gradient of sea water. *Deep Sea Research*,20: 401-408, 1973.

Gill.A.E., *Atmosphere Ocean Dynamics*, Academic Press, New York, pp.599-602, 1982.

Tolstoy,I., and C.S.Clay, *Ocean Acoustics*, McGraw Hill, p. 293, 1966.

STATION POSITIONS,DEPTHS AND METEOROLOGICAL LOG

Listings of the station positions, times,depths and meteorological observations are given as follows:

1. dates and times are given in Greenwich Mean Time.

2. depths of the ocean floor are in meters, as obtained from the Universal.Depth Recorder using a constant sound speed of 1500 m/s. No corrections for sound speed variability with depth have been applied.

3. atmospheric pressure was read from the barometer on the bridge, of the *R/V New Horizon*, about 7 m above sea level, and is given in millibars and tenths.

4. wind speed and direction were obtained from a readout on the bridge of the *R/V New Horizon* and are given in knots and degrees true.

5. dry and wet bulb temperatures were read from thermometers mounted in a box on the ship's pilot house and are given in degrees Celsius and tenths.

Station Positions
Depths
Meteorological Log

Station	Latitude N	Longitude W	Depth (m)	Atm. pres. (mb)	Wind (kn)	Wind (°true)	Dry °C	Wet °C	Date GMT	Time GMT
0	32°31.86	118°00.13	1598	1018.6	14	280	14.3	12.0	24 April 1991	1242
1	32°00.00	126°40.45	4210	1025.4	12	260	14.9	12.6	26 April 1991	1416
2	32°02.94	126°42.48	4250	1025.5	10	340	15.8	13.2	26 April 1991	1548
3	32°04.79	126°52.97	1440	1026.5	10	350	15.7	13.1	26 April 1991	1801
4	32°05.62	126°55.49	945	1026.8	11	340	15.3	13.1	26 April 1991	1936
5	32°07.25	126°59.10	1150	1026.6	12	10	15.2	13.2	26 April 1991	2056
6	32°10.93	127°04.98	4100	1026.2	13	355	15.5	13.0	26 April 1991	2234
7	32°15.29	127°12.05	1500	1025.5	13	0	15.5	13.5	27 April 1991	0042
8	32°16.11	127°14.95	1040	1025.6	17	345	15.6	13.4	27 April 1991	0227
9	32°16.72	127°17.70	2375	1026.8	16	5	16.0	16.0	27 April 1991	0539
10	32°18.16	127°22.21	4350	1026.8	18	345	15.5	15.5	27 April 1991	0750
11	32°20.41	127°29.96	4675	1026.8	15	350	15.3	15.3	27 April 1991	1007
12	32°22.70	127°37.38	3300	1026.0	14	5	15.5	15.3	27 April 1991	1211
13	32°24.13	127°41.33	1650	1026.3	15	0	15.5	15.4	27 April 1991	1406
14	32°26.57	127°48.01	535	1027.6	15	0	15.1	12.7	27 April 1991	1617
15	32°28.03	127°52.23	1425	1026.3	16	0	14.7	11.6	27 April 1991	2303
16	32°29.20	127°54.71	3150	1026.3	18	10	14.5	11.5	28 April 1991	0053
17	32°31.95	128°02.46	4450	1026.6	12	25	14.0	11.0	28 April 1991	0311
18	32°11.11	128°32.27	4450	1027.5	10	15	15.0	12.8	28 April 1991	0745
19	32°24.32	128°25.64	4385	1027.0	12	20	14.5	12.8	28 April 1991	1035
20	32°38.08	128°18.42	4410	1026.2	14	0	14.3	12.3	28 April 1991	1334
21	32°51.57	128°11.62	4660	1026.9	15	15	14.6	11.8	28 April 1991	1636
22	33°05.07	128°04.87	4550	1026.8	15	10	14.7	12.0	28 April 1991	1933
23	32°59.19	127°48.78	4500	1025.7	17	5	16.8	13.0	28 April 1991	2230
24	32°45.67	127°55.96	4575	1024.5	16	5	15.4	12.4	29 April 1991	0123
25	32°31.81	128°02.14	5180	1024.7	12	20	15.5	13.5	29 April 1991	0434
26	32°18.42	128°09.40	4375	1024.9	15	15	15.2	13.5	29 April 1991	0728
27	32°04.80	128°16.33	4325	1023.8	13	0	15.2	13.5	29 April 1991	1025
28	31°59.54	128°01.65	4150	1022.8	17	5	15.0	14.0	29 April 1991	1305
29	32°12.92	127°54.86	4225	1022.9	14	10	14.7	13.0	29 April 1991	1601
30	32°19.55	127°51.55	3535	1022.7	14	10	15.0	12.9	29 April 1991	0819
31	32°23.68	127°49.51	1700	1022.2	13	5	15.1	12.9	29 April 1991	2030
32	32°26.45	127°48.02	525	1021.0	12	340	15.1	13.0	29 April 1991	2228
33	32°30.85	127°46.12	1800	1020.3	12	340	14.9	12.7	29 April 1991	2340
34	32°33.71	127°44.54	3410	1019.6	13	330	14.7	12.5	30 April 1991	0134
35	32°40.11	127°41.21	4375	1019.4	12	325	14.8	12.5	30 April 1991	0348
36	32°54.24	127°34.44	4470	1019.4	12	340	14.5	12.5	30 April 1991	0658
37	32°47.28	127°16.29	4325	1018.9	14	320	14.2	12.0	30 April 1991	1006
38	32°33.82	127°23.18	4310	1021.0	14	340	16.7	13.1	30 April 1991	2040
39	32°20.51	127°30.22	4225	1021.0	12	340	16.7	13.7	30 April 1991	2339
40	32°06.31	127°37.79	4325	1020.8	12	350	16.1	13.5	1 May 1991	0240
41	31°52.42	127°43.30	4385	1022.4	20	5	15.5	12.8	1 May 1991	0531
42	31°47.22	127°29.09	4470	1022.0	16	0	14.7	10.8	1 May 1991	0825
43	32°01.32	127°22.04	4155	1022.0	11	25	14.2	10.3	1 May 1991	1130
44	32°10.57	127°18.04	3895	1022.6	12	350	14.5	10.0	1 May 1991	1407
45	32°13.45	127°16.32	2750	1023.1	14	330	14.2	10.6	1 May 1991	1611
46	32°16.04	127°14.97	1060	1023.0	14	310	15.9	11.0	1 May 1991	1807
47	32°18.58	127°14.02	2500	1022.9	16	310	15.1	9.9	1 May 1991	1945
48	32°21.99	127°11.89	4175	1022.5	15	315	15.1	10.0	1 May 1991	2147
49	32°28.61	127°08.81	4430	1021.5	15	315	14.7	10.8	1 May 1991	2355
50	32°42.12	127°01.92	4375	1019.6	15	340	14.5	11.2	2 May 1991	0246
51	32°33.71	126°41.43	4340	1021.3	12	340	14.5	11.5	2 May 1991	0553
52	32°19.47	126°48.63	4265	1020.6	12	0	14.5	11.4	2 May 1991	0840
53	32°12.03	126°52.66	3785	1020.0	12	0	14.5	10.5	2 May 1991	1056
54	32°08.39	126°54.09	2075	1020.4	10	330	14.8	11.0	2 May 1991	1300
55	32°05.59	126°55.46	950	1021.1	12	335	15.1	11.8	2 May 1991	1502
56	32°02.61	126°57.53	2375	1021.6	10	315	15.2	11.6	2 May 1991	1628
57	31°59.94	126°58.94	3750	1022.5	10	320	15.4	11.5	2 May 1991	1821
58	31°53.00	127°03.11	4280	1021.8	12	335	15.8	12.2	2 May 1991	2035
59	31°40.03	127°10.19	4300	1021.1	10	345	15.8	12.1	2 May 1991	2325
60	32°02.89	126°42.52	4180	1020.8	11	350	14.8	11.2	3 May 1991	0354
61	32°04.74	126°52.96	1490	1021.4	7	30	14.5	11.0	3 May 1991	0631
62	32°05.70	126°55.50	1125	1021.8	7	300	14.5	10.5	3 May 1991	0800
63	32°07.31	126°58.96	2630	1021.3	0	0	14.2	10.5	3 May 1991	0928
64	32°11.13	127°05.08	4100	1021.0	8	270	14.0	10.5	3 May 1991	1130
65	32°15.33	127°12.11	2270	1021.2	5	310	14.5	11.5	3 May 1991	1343
66	32°16.07	127°15.05	1040	1022.0	6	325	15.6	11.5	3 May 1991	1610
67	32°16.81	127°17.67	2330	1022.7	4	320	15.5	11.0	3 May 1991	1728
68	32°18.24	127°22.20	4000	1022.7	2	260	17.0	12.4	3 May 1991	1917
69	32°20.51	127°29.84	4225	1021.3	2	260	17.1	11.8	3 May 1991	2113
70	32°22.68	127°37.39	3150	1021.0	2	340	20.5	14.0	3 May 1991	2339
71	32°24.14	127°41.37	1650	1020.4	2	335	17.4	12.6	4 May 1991	0129
72	32°26.55	127°47.99	530	1020.6	0	0	19.2	13.4	4 May 1991	0334
73	32°27.99	127°51.95	1075	1021.3	0	0	18.0	12.8	4 May 1991	0430
74	32°29.48	127°54.81	2835	1021.7	3	180	15.5	12.5	4 May 1991	0834
75	32°32.05	128°02.57	4440	1021.5	2	160	15.5	12.5	4 May 1991	1051

Station	Latitude N	Longitude W	Depth (m)	Atm. pres. (mb)	Wind (kn)	Wind (°true)	Dry °C	Wet °C	Date GMT	Time GMT
76	32°10.83	128°32.15	4440	1022.0	8	190	17.4	14.0	4 May 1991	1524
77	32°24.39	128°25.62	4375	1022.9	7	145	18.4	14.3	4 May 1991	1806
78	32°38.04	128°18.54	4400	1023.0	6	140	17.7	13.9	4 May 1991	2057
79	32°51.90	128°11.50	4580	1022.7	7	160	16.2	13.2	4 May 1991	2351
80	33°05.35	128°04.89	4550	1022.6	5	100	16.2	13.2	5 May 1991	0235
81	32°59.11	127°48.78	4580	1023.6	2	100	15.8	12.9	5 May 1991	0517
82	32°45.70	127°55.83	4470	1024.0	3	120	15.5	12.8	5 May 1991	0800
83	32°31.90	128°02.64	4445	1023.3	4	110	15.8	12.8	5 May 1991	1057
84	32°18.28	128°09.61	4360	1023.5	5	40	15.7	12.5	5 May 1991	1343
85	32°04.85	128°16.37	4325	1024.7	8	70	16.4	13.0	5 May 1991	1628
86	31°59.52	128°01.72	4150	1025.2	8	40	17.2	13.8	5 May 1991	1902
87	32°13.04	127°54.84	4230	1024.1	10	60	16.5	13.7	5 May 1991	2153
88	32°19.69	127°51.53	3485	1023.6	9	25	16.1	13.2	5 May 1991	2358
89	32°23.61	127°49.49	1725	1024.0	8	40	15.9	13.1	6 May 1991	0150
90	32°26.44	127°48.01	535	1024.8	8	60	16.0	13.0	6 May 1991	0335
91	32°30.65	127°46.07	1850	1025.2	8	60	16.0	13.0	6 May 1991	0436
92	32°33.62	127°44.63	3360	1025.5	7	50	16.0	13.2	6 May 1991	0613
93	32°40.30	127°41.23	4380	1025.0	8	50	15.7	13.2	6 May 1991	0822
94	32°54.49	127°34.30	4470	1024.8	8	0	15.8	13.8	6 May 1991	1117
95	32°47.31	127°16.18	4310	1024.4	8	25	16.2	14.2	6 May 1991	1423
96	32°33.70	127°23.16	4300	1025.5	9	10	17.4	15.0	6 May 1991	1704
97	32°20.47	127°30.13	4225	1025.0	11	40	17.8	14.5	6 May 1991	1940
98	32°06.23	127°37.65	4315	1024.2	7	20	18.2	14.8	6 May 1991	2233
99	31°52.42	127°43.61	4380	1022.9	10	40	16.5	14.3	7 May 1991	0130
100	31°47.24	127°29.06	4470	1023.2	10	50	16.1	14.0	7 May 1991	0410
101	32°01.21	127°22.03	4190	1023.2	8	30	15.8	13.9	7 May 1991	0653
102	32°10.54	127°17.98	3900	1022.9	5	0	15.8	13.8	7 May 1991	0922
103	32°13.74	127°16.22	2490	1022.0	8	345	15.8	13.9	7 May 1991	1125
104	32°15.97	127°15.13	1130	1022.0	7	350	15.8	14.0	7 May 1991	1313
105	32°18.58	127°13.92	2480	1022.6	8	350	19.0	15.8	7 May 1991	1433
106	32°21.93	127°11.82	4150	1023.2	7	345	17.3	15.0	7 May 1991	1617
107	32°28.50	127°08.79	4480	1023.5	7	340	17.8	15.1	7 May 1991	1850
108	32°42.03	127°01.93	4380	1022.4	4	310	17.9	15.5	7 May 1991	2141
109	32°33.71	126°41.40	4345	1021.0	10	295	20.5	16.8	8 May 1991	0057
110	32°19.48	126°48.54	4285	1021.8	9	310	17.2	15.2	8 May 1991	0348
111	32°11.98	126°52.48	3395	1021.6	6	290	16.5	14.8	8 May 1991	0553
112	32°08.47	126°54.01	2385	1021.8	10	320	16.5	14.8	8 May 1991	0746
113	32°05.64	126°55.55	1040	1021.0	10	310	16.2	14.5	8 May 1991	0946
114	32°02.52	126°57.54	2415	1021.4	12	315	15.2	14.2	8 May 1991	1242
115	32°00.00	126°59.11	3425	1022.2	12	350	16.3	14.8	8 May 1991	1433
116	31°52.90	127°03.05	4275	1023.5	22	0	16.0	13.5	8 May 1991	1636
117	31°39.91	127°10.10	4310	1024.4	15	0	16.6	12.7	8 May 1991	1912
118	31°34.54	126°54.64	4460	1024.8	17	355	15.9	11.7	9 May 1991	2200
119	31°47.09	126°47.53	4310	1023.6	17	10	15.0	11.5	9 May 1991	0051
120	31°59.87	126°40.02	4165	1024.6	18	350	14.8	10.8	9 May 1991	0340
121	32°13.31	126°32.32	3730	1025.3	18	350	14.8	10.8	9 May 1991	0628
122	32°27.47	126°25.47	4410	1024.2	20	340	14.5	10.2	9 May 1991	0932
123	32°30.00	126°00.06	4260	1023.4	22	350	14.2	10.1	9 May 1991	1310

CTD
Data

Station 0 Latitude 32° 31.86'N Longitude 118° 00.13'W 24 Apr 1991 GMT 12:42 Bottom 1598 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.528	14.528	33.431	24.864	24.864	24.864	307.7	.000	86.8	1504.0	.0	.0
10.0	10.0	14.474	14.472	33.431	24.877	24.921	24.876	306.8	.308	86.7	1503.9	1.5	25.8
20.0	19.9	14.438	14.435	33.429	24.883	24.971	24.882	306.5	.614	86.6	1504.0	6.1	4.4
30.0	29.9	13.570	13.566	33.451	25.080	25.213	25.079	288.0	.912	81.7	1501.3	13.7	52.0
40.0	39.8	13.375	13.370	33.443	25.114	25.292	25.113	285.0	1.199	84.1	1500.8	24.3	71.3
50.0	49.8	12.374	12.368	33.433	25.303	25.526	25.301	267.3	1.477	87.9	1497.6	37.6	242.7
60.0	59.8	11.483	11.475	33.434	25.471	25.740	25.469	251.4	1.738	88.7	1494.7	53.6	177.0
70.0	69.7	10.860	10.852	33.469	25.610	25.925	25.609	238.3	1.982	89.0	1492.7	72.1	98.7
80.0	79.7	10.281	10.272	33.498	25.733	26.094	25.732	226.8	2.212	89.2	1490.8	93.0	45.0
90.0	89.6	9.814	9.804	33.574	25.872	26.278	25.870	213.8	2.431	89.5	1489.3	116.1	17.4
100.0	99.5	9.607	9.596	33.657	25.971	26.423	25.969	204.5	2.642	89.6	1488.8	141.4	126.8
110.0	109.5	9.589	9.577	33.747	26.044	26.541	26.042	197.8	2.841	89.5	1489.1	168.6	30.8
120.0	119.4	9.408	9.395	33.817	26.129	26.671	26.126	190.0	3.035	89.4	1488.6	197.8	46.3
130.0	129.4	9.231	9.217	33.858	26.190	26.778	26.187	184.3	3.222	89.5	1488.2	229.0	34.9
140.0	139.3	9.139	9.124	33.897	26.235	26.868	26.232	180.2	3.406	89.5	1488.1	261.9	83.8
150.0	149.3	9.014	8.998	33.947	26.294	26.973	26.292	174.8	3.583	89.5	1487.8	296.7	40.1
160.0	159.2	8.965	8.948	34.003	26.346	27.071	26.344	170.0	3.755	89.6	1487.9	333.1	51.8
170.0	169.1	8.813	8.795	34.025	26.388	27.158	26.385	166.2	3.922	89.6	1487.5	371.3	62.6
180.0	179.1	8.684	8.665	34.060	26.435	27.250	26.432	161.9	4.086	89.6	1487.2	411.1	9.9
190.0	189.0	8.623	8.603	34.088	26.467	27.328	26.463	159.1	4.247	89.6	1487.2	452.5	30.4
200.0	198.9	8.496	8.475	34.112	26.505	27.413	26.502	155.5	4.404	89.6	1486.9	495.5	15.2
210.0	208.9	8.419	8.397	34.120	26.523	27.476	26.520	154.0	4.558	89.6	1486.8	540.0	9.0
220.0	218.8	8.249	8.226	34.116	26.546	27.545	26.543	151.9	4.712	89.7	1486.3	586.0	42.7
230.0	228.8	8.128	8.105	34.124	26.571	27.615	26.567	149.8	4.862	89.7	1486.0	633.6	9.8
240.0	238.7	8.084	8.060	34.129	26.581	27.671	26.577	148.9	5.012	89.7	1486.0	682.6	17.7
250.0	248.6	7.989	7.964	34.151	26.612	27.749	26.609	146.1	5.159	89.7	1485.8	733.1	26.5
260.0	258.6	7.869	7.844	34.156	26.635	27.817	26.631	144.1	5.304	89.7	1485.6	785.1	47.9
270.0	268.5	7.792	7.765	34.167	26.655	27.883	26.651	142.3	5.447	89.7	1485.4	838.5	7.2
280.0	278.4	7.701	7.674	34.175	26.674	27.948	26.670	140.6	5.588	89.7	1485.3	893.3	23.0
290.0	288.4	7.609	7.580	34.185	26.695	28.015	26.691	138.7	5.728	89.7	1485.1	949.5	32.9
300.0	298.3	7.565	7.536	34.193	26.708	28.074	26.704	137.7	5.866	89.7	1485.1	1007.1	16.5
310.0	308.2	7.496	7.465	34.209	26.731	28.142	26.726	135.7	6.003	89.7	1485.0	1066.0	9.5
320.0	318.1	7.461	7.430	34.211	26.737	28.194	26.733	135.2	6.138	89.7	1485.0	1126.3	15.9
330.0	328.1	7.360	7.328	34.214	26.754	28.257	26.749	133.7	6.273	89.7	1484.8	1187.9	8.9
340.0	338.0	7.243	7.210	34.222	26.777	28.326	26.772	131.6	6.406	89.8	1484.5	1250.8	32.6
350.0	347.9	7.113	7.080	34.229	26.800	28.396	26.796	129.5	6.536	89.8	1484.2	1315.0	14.1
360.0	357.9	7.083	7.049	34.235	26.810	28.451	26.805	128.7	6.666	89.8	1484.2	1380.6	15.3
370.0	367.8	6.976	6.941	34.239	26.828	28.515	26.823	127.1	6.794	89.8	1484.0	1447.4	13.2
380.0	377.7	6.838	6.803	34.245	26.852	28.586	26.847	124.9	6.920	89.8	1483.6	1515.4	17.3
390.0	387.6	6.728	6.693	34.253	26.872	28.653	26.867	123.0	7.044	89.8	1483.4	1584.7	8.5
400.0	397.5	6.685	6.648	34.255	26.880	28.707	26.875	122.4	7.166	89.8	1483.3	1655.2	17.9
410.0	407.5	6.576	6.538	34.264	26.902	28.775	26.897	120.3	7.288	89.8	1483.1	1726.9	14.1
420.0	417.4	6.538	6.500	34.267	26.909	28.828	26.904	119.8	7.408	89.8	1483.1	1799.8	2.6
430.0	427.3	6.494	6.455	34.271	26.918	28.883	26.913	119.1	7.528	89.9	1483.1	1873.9	15.8
440.0	437.2	6.402	6.363	34.277	26.935	28.947	26.930	117.5	7.646	89.8	1482.9	1949.2	12.3
450.0	447.1	6.375	6.334	34.282	26.943	29.000	26.938	116.9	7.763	89.9	1483.0	2025.6	16.7
460.0	457.1	6.342	6.301	34.289	26.953	29.056	26.947	116.1	7.879	89.9	1483.0	2103.2	4.7
470.0	467.0	6.295	6.253	34.295	26.963	29.112	26.958	115.2	7.995	89.9	1483.0	2182.0	15.8
480.0	476.9	6.246	6.204	34.296	26.971	29.166	26.965	114.6	8.109	89.9	1483.0	2261.8	10.8
490.0	486.8	6.155	6.112	34.301	26.987	29.229	26.981	113.1	8.223	90.0	1482.8	2342.8	19.9
500.0	496.8	6.107	6.063	34.305	26.995	29.283	26.990	112.4	8.336	89.9	1482.7	2424.9	4.1
510.0	506.7	6.083	6.039	34.307	27.001	29.334	26.995	112.0	8.448	89.9	1482.8	2508.2	3.8
520.0	516.6	6.044	5.998	34.311	27.009	29.389	27.003	111.3	8.560	90.0	1482.8	2592.5	13.5
530.0	526.5	6.018	5.972	34.313	27.014	29.440	27.008	110.9	8.671	90.1	1482.9	2677.9	11.1
540.0	536.4	5.969	5.922	34.319	27.024	29.496	27.018	110.1	8.781	90.0	1482.9	2764.4	5.6
550.0	546.3	5.916	5.868	34.325	27.036	29.554	27.030	109.0	8.891	89.9	1482.8	2852.1	11.1
560.0	556.2	5.845	5.797	34.333	27.052	29.616	27.045	107.6	9.000	89.9	1482.7	2940.7	13.2
570.0	566.2	5.790	5.741	34.339	27.063	29.673	27.056	106.6	9.107	89.9	1482.7	3030.5	12.3
580.0	576.1	5.750	5.701	34.342	27.070	29.727	27.064	105.9	9.213	89.9	1482.7	3121.3	9.4
590.0	586.0	5.708	5.658	34.346	27.079	29.782	27.073	105.2	9.319	89.9	1482.7	3213.2	9.1
600.0	595.9	5.694	5.643	34.347	27.082	29.830	27.075	105.1	9.424	89.9	1482.8	3306.0	3.8
610.0	605.8	5.629	5.577	34.355	27.096	29.891	27.090	103.8	9.528	89.9	1482.7	3400.0	23.7
620.0	615.7	5.491	5.439	34.369	27.123	29.966	27.117	101.1	9.631	89.8	1482.3	3494.9	14.0
630.0	625.6	5.413	5.361	34.374	27.137	30.026	27.131	99.9	9.731	89.9	1482.2	3590.9	7.6
640.0	635.5	5.354	5.301	34.379	27.148	30.084	27.142	98.9	9.830	89.9	1482.1	3687.8	16.9
650.0	645.5	5.293	5.239	34.385	27.160	30.142	27.154	97.8	9.929	89.8	1482.0	3785.7	19.6
660.0	655.3	5.215	5.160	34.391	27.174	30.203	27.168	96.4	10.026	89.8	1481.9	3884.5	10.5
670.0	665.3	5.182	5.128	34.394	27.180	30.255	27.174	95.9	10.122	89.8	1481.9	3984.4	3.2
680.0	675.2	5.142	5.086	34.398	27.188	30.310	27.182	95.2	10.218	89.8	1481.9	4085.1	4.3
690.0	685.1	5.082	5.025	34.400	27.197	30.365	27.190	94.4	10.312	89.8	1481.8	4186.8	4.3
700.0	695.0	5.057	5.000	34.402	27.201	30.415	27.195	94.1	10.407	89.8	1481.9	4289.4	7.8
710.0	704.9	5.021	4.963	34.406	27.209	30.469	27.202	93.4	10.500	89.8	1481.9	4393.0	7.0
720.0	714.8	4.996	4.938	34.409	27.214	30.520	27.207	93.1	10.594	89.8	1482.0	4497.5	2.3
730.0	724.7	4.955	4.896	34.413	27.222	30.574	27.215	92.4	10.687	89.8	1482.0	4602.8	9.6
740.0	734.6	4.917	4.857	34.416	27.229	30.628	27.222	91.8	10.779	89.8	1482.0	4709.1	12.0
750.0	744.5	4.873	4.812	34.420	27.237	30.682	27.230	91.0	10.870	89.8	1482.0	4816.3	3.2
760.0	754.4	4.842	4.781	34.424	27.243	30.735	27.236	90.5	10.961	89.8	1482.0	4924.4	7.9
770.0	764.3	4.809	4.748	34.427	27.250	30.787	27.243	90.0	11.051	89.8	1482.1	5033.4	3.8
780.0	774.2	4.787	4.724	34.428	27.253	30.837	27.247	89.7	11.141	90.0	1482.1	5143.3	4.3
790.0	784.1	4.755	4.692	34.431	27.259	30.889	27.252	89.2	11.231	89.8	1482.2	5254.1	10.8
800.0	794.0	4.696	4.632	34.435	27.269	30.946	27.262	88.2	11.319	89.8	1482.1	5365.7	4.0
810.0	803.9	4.655	4.591	34.438	27.276	30.999	27.269	87.6	11.407	89.8	1482.1	5478.2	10.2
820.0	813.8	4.616	4.552	34.442	27.283	31.052	27.276	87.0	11.494	89.8	1482.1	5591.6	3.8
830.0	823.7	4.589	4.524	34.444	27.289	31.104	27.281	86.5	11.581	89.8	1482.2	5705.8	8.2
840.0	833.6	4.563	4.496	34.446	27.293	31.154	27.285	86.2	11.667	89.8	1482.2	5820.9	9.0
850.0	843.5	4.530	4.464	34.449	27.299	31.206	27.292	85.7	11.753	89.8	1482.2	5936.8	7.0
860.0	853.4	4.477	4.410	34.453	27.308	31.262	27.301	84.8	11.839	89.8	1482.2	6053.5	14.0
870.0	863.3	4.381	4.314	34.461	27.324	31.326	27.317	83.2	11.922	89.7	1482.0	6171.1	13.7
880.0	873.2	4.350	4.282	34.463	27.330	31.377	27.322	82.7	12.005	89.8	1482.0	6289.5	2.6
890.0	883.1	4.335	4.266	34.463	27.331	31.425	27.324	82.6	12.088	89.8	1482.1	6408.7	2.6
900.0	893.0	4.304	4.234	34.466	27.337	31.477	27.329	82.2	12.170	89.8	1482.1	6528.8	9.6
910.0	902.9	4.241	4.172	34.471	27.347	31.535	27.340	81.1	12.252	89.8	1482.1	6649.6	-1.2
920.0	912.8	4.182	4.112	34.477	27.358	31.592	27.351	80.1	12.333	89.7	1482.0	6771.2	24.3
930.0	922.7	4.125	4.054	34.481	27.368	31.649	27.360	79.2	12.412	89.7	1481.9	6893.6	8.7
940.0	932.6	4.109	4.038	34.482	27.370	31.697	27.362	79.0	12.491	89.7	1482.0	7016.8	.2
950.0	942.5	4.089	4.017	34.483	27.374	31.747	27.366	78.7	12.570	89.7	1482.1	7140.8	8.4
960.0	952.4	4.018	3.946	34.488	27.385	31.805	27.377	77.6	12.648	89.7	1482.0	7265.5	4.9
970.0	962.3	3.963	3.890	34.492	27.394	31.861	27.386	76.7	12.726	89.6	1481.9	7391.0	15.2
980.0	972.2	3.925	3.851	34.495	27.400	31.913	27.392	76.2	12.802	89.7	1481.9	7517.3	2.0
990.0	982.0	3.910	3.836	34.496	27.402	31.962	27.394	76.0	12.878	89.7	1482.0	7644.3	4.0

Station	0	Latitude	32° 31.86'N		Longitude	118° 00.13'W		24 Apr 1991 GMT 12:42			Bottom	1598 m
Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	991.9	3.885	3.811	34.498	27.406	32.012	27.399	75.6	12.954	89.7	1482.1	7772.0	14.0
1020.0	1011.7	3.821	3.745	34.503	27.417	32.115	27.409	74.7	13.104	89.7	1482.2	8029.7	2.6
1040.0	1031.5	3.784	3.707	34.505	27.423	32.213	27.415	74.2	13.253	89.7	1482.3	8290.4	2.9
1060.0	1051.3	3.761	3.682	34.507	27.427	32.309	27.419	73.9	13.401	89.8	1482.6	8553.9	6.1
1080.0	1071.0	3.735	3.654	34.509	27.431	32.405	27.423	73.7	13.548	89.7	1482.8	8820.3	1.5
1100.0	1090.8	3.659	3.578	34.515	27.443	32.511	27.435	72.5	13.694	89.8	1482.8	9089.7	6.7
1120.0	1110.6	3.622	3.539	34.518	27.449	32.608	27.441	72.0	13.839	89.8	1483.0	9361.8	1.5
1140.0	1130.3	3.573	3.489	34.521	27.456	32.708	27.448	71.3	13.982	89.7	1483.1	9636.8	5.3
1160.0	1150.1	3.522	3.437	34.525	27.465	32.809	27.456	70.6	14.124	89.7	1483.2	9914.6	-1.2
1180.0	1169.9	3.480	3.394	34.529	27.472	32.909	27.464	70.0	14.265	89.7	1483.4	10195.1	.6
1200.0	1189.6	3.431	3.343	34.532	27.479	33.008	27.471	69.3	14.404	89.7	1483.5	10478.4	8.2
1220.0	1209.4	3.377	3.289	34.536	27.488	33.110	27.479	68.5	14.542	89.7	1483.6	10764.4	1.5
1240.0	1229.2	3.353	3.263	34.536	27.491	33.204	27.482	68.3	14.679	89.7	1483.8	11053.0	4.2
1260.0	1248.9	3.308	3.216	34.541	27.499	33.304	27.490	67.6	14.814	89.7	1484.0	11344.4	2.1
1280.0	1268.7	3.269	3.177	34.544	27.505	33.403	27.496	67.0	14.949	89.7	1484.2	11638.3	4.2
1300.0	1288.4	3.243	3.149	34.545	27.508	33.498	27.500	66.8	15.083	89.7	1484.4	11934.9	.4
1320.0	1308.2	3.194	3.099	34.549	27.517	33.599	27.508	66.0	15.216	89.8	1484.5	12234.1	1.3
1340.0	1327.9	3.134	3.038	34.554	27.526	33.701	27.517	65.1	15.347	89.8	1484.6	12535.9	8.0
1360.0	1347.7	3.117	3.019	34.555	27.528	33.795	27.519	65.0	15.477	89.8	1484.9	12840.2	.4
1380.0	1367.4	3.043	2.944	34.561	27.540	33.900	27.531	63.8	15.606	89.8	1484.9	13147.1	5.7
1400.0	1387.1	2.998	2.898	34.565	27.547	33.999	27.538	63.1	15.733	89.8	1485.0	13456.4	6.9
1420.0	1406.9	2.951	2.850	34.568	27.554	34.099	27.545	62.4	15.859	89.7	1485.2	13768.2	6.0
1440.0	1426.6	2.896	2.794	34.572	27.563	34.200	27.553	61.6	15.983	89.7	1485.3	14082.5	4.2
1460.0	1446.3	2.859	2.756	34.575	27.568	34.298	27.559	61.1	16.106	89.7	1485.4	14399.1	2.2
1480.0	1466.1	2.829	2.724	34.577	27.572	34.394	27.563	60.7	16.227	89.8	1485.6	14718.1	7.5
1500.0	1485.8	2.766	2.660	34.582	27.582	34.497	27.573	59.7	16.347	89.8	1485.7	15039.5	3.7
1520.0	1505.5	2.750	2.643	34.583	27.584	34.591	27.575	59.5	16.466	89.8	1486.0	15363.2	-.7
1540.0	1525.3	2.744	2.635	34.584	27.586	34.683	27.576	59.5	16.586	89.8	1486.3	15689.2	2.2
1560.0	1545.0	2.732	2.622	34.585	27.588	34.776	27.578	59.4	16.704	89.8	1486.6	16017.6	.5
1580.0	1564.7	2.726	2.614	34.586	27.589	34.868	27.580	59.4	16.823	89.8	1486.9	16348.2	-.1
1600.0	1584.4	2.718	2.605	34.587	27.591	34.960	27.581	59.4	16.942	89.8	1487.2	16681.2	1.4
1620.0	1604.2	2.694	2.579	34.590	27.595	35.056	27.585	59.0	17.060	89.8	1487.4	17016.5	1.4
1640.0	1623.9	2.689	2.573	34.589	27.595	35.147	27.585	59.1	17.178	89.8	1487.7	17354.0	.9
1660.0	1643.6	2.677	2.559	34.591	27.598	35.241	27.587	58.9	17.296	89.8	1488.0	17693.9	-.9
1662.0	1645.6	2.678	2.560	34.591	27.597	35.250	27.587	58.9	17.308	89.8	1488.0	17728.0	.0

Station 1 Latitude 32° 00.00'N Longitude 126° 40.45'W 26 Apr 1991 GMT 14:16 Bottom 4210 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.860	14.860	33.171	24.593	24.593	24.593	333.5	.000	89.6	1504.7	.0	.0
10.0	10.0	14.860	14.859	33.168	24.591	24.635	24.591	334.0	.334	89.6	1504.9	1.7	.1
20.0	19.9	14.847	14.844	33.168	24.594	24.683	24.594	334.0	.668	89.6	1505.0	6.7	22.3
30.0	29.9	14.387	14.383	33.158	24.684	24.817	24.684	325.7	.997	89.8	1503.6	15.0	30.8
40.0	39.8	14.236	14.230	33.152	24.712	24.889	24.711	323.3	1.321	89.7	1503.3	26.5	15.2
50.0	49.8	14.128	14.121	33.146	24.730	24.952	24.729	321.9	1.644	89.7	1503.1	41.3	13.8
60.0	59.8	14.134	14.125	33.160	24.740	25.006	24.738	321.3	1.966	89.6	1503.3	59.3	16.7
70.0	69.7	13.936	13.926	33.141	24.766	25.077	24.764	319.0	2.286	89.1	1502.8	80.4	62.3
80.0	79.7	13.789	13.778	33.129	24.788	25.142	24.785	317.2	2.604	89.0	1502.5	104.8	12.3
90.0	89.7	13.649	13.637	33.120	24.810	25.209	24.807	315.3	2.920	88.7	1502.2	132.3	29.8
100.0	99.6	13.446	13.432	33.136	24.863	25.307	24.860	310.5	3.233	88.8	1501.7	162.9	41.8
110.0	109.6	12.989	12.974	33.119	24.941	25.431	24.939	303.2	3.542	89.3	1500.3	196.7	136.3
120.0	119.5	11.700	11.685	33.083	25.159	25.696	25.156	282.5	3.832	89.6	1496.0	233.4	-2.8
130.0	129.5	10.771	10.756	33.078	25.323	25.907	25.320	267.0	4.109	89.8	1492.8	272.9	132.6
140.0	139.4	10.138	10.122	33.126	25.469	26.100	25.466	253.1	4.370	90.0	1490.8	315.1	176.4
150.0	149.4	9.719	9.703	33.221	25.613	26.291	25.610	239.5	4.616	90.2	1489.5	359.8	120.7
160.0	159.3	9.466	9.449	33.325	25.736	26.459	25.733	228.0	4.848	90.2	1488.9	406.9	65.3
170.0	169.3	9.337	9.318	33.403	25.817	26.586	25.815	220.4	5.073	90.2	1488.7	456.2	60.1
180.0	179.2	9.294	9.275	33.503	25.903	26.717	25.899	212.6	5.290	90.2	1488.8	507.8	152.0
190.0	189.1	9.161	9.141	33.623	26.018	26.877	26.014	201.8	5.498	90.2	1488.6	561.4	145.0
200.0	199.1	8.964	8.943	33.705	26.114	27.019	26.110	192.8	5.697	90.2	1488.1	617.1	102.2
210.0	209.0	8.771	8.749	33.803	26.221	27.172	26.217	182.8	5.884	90.2	1487.7	674.6	130.3
220.0	219.0	8.719	8.696	33.875	26.285	27.282	26.281	176.9	6.063	90.2	1487.8	734.0	94.9
230.0	228.9	8.626	8.602	33.928	26.342	27.384	26.338	171.7	6.236	90.3	1487.7	795.1	43.3
240.0	238.8	8.521	8.496	33.939	26.367	27.455	26.363	169.4	6.406	90.2	1487.4	857.9	25.4
250.0	248.8	8.305	8.280	33.971	26.424	27.559	26.420	164.1	6.574	90.3	1486.8	922.4	64.1
260.0	258.7	8.207	8.181	33.982	26.447	27.628	26.444	162.0	6.737	90.3	1486.6	988.5	36.8
270.0	268.6	8.107	8.079	33.994	26.472	27.698	26.468	159.8	6.897	90.3	1486.4	1056.2	24.5
280.0	278.6	8.011	7.983	34.019	26.506	27.778	26.502	156.7	7.056	90.3	1486.2	1125.5	15.1
290.0	288.5	7.805	7.777	34.016	26.534	27.853	26.530	154.1	7.211	90.4	1485.6	1196.4	31.8
300.0	298.5	7.749	7.720	34.040	26.561	27.925	26.556	151.7	7.364	90.4	1485.6	1268.8	26.2
310.0	308.4	7.735	7.705	34.063	26.581	27.992	26.577	149.9	7.514	90.4	1485.7	1342.7	26.5
320.0	318.3	7.550	7.519	34.065	26.610	28.066	26.605	147.3	7.663	90.4	1485.2	1418.0	21.2
330.0	328.2	7.337	7.305	34.050	26.628	28.132	26.624	145.5	7.809	90.4	1484.5	1494.8	5.4
340.0	338.2	7.453	7.421	34.085	26.639	28.188	26.635	144.7	7.954	90.4	1485.2	1573.1	5.1
350.0	348.1	7.366	7.333	34.094	26.659	28.253	26.654	143.0	8.098	90.4	1485.0	1652.8	3.6
360.0	358.0	7.309	7.275	34.093	26.667	28.307	26.662	142.4	8.241	90.4	1484.9	1733.9	9.5
370.0	368.0	7.135	7.101	34.093	26.691	28.378	26.686	140.1	8.382	90.4	1484.4	1816.4	17.4
380.0	377.9	6.768	6.733	34.063	26.717	28.453	26.712	137.5	8.521	90.4	1483.1	1900.3	12.3
390.0	387.8	6.820	6.784	34.092	26.733	28.514	26.729	136.2	8.658	90.5	1483.5	1985.5	30.8
400.0	397.7	6.571	6.535	34.075	26.753	28.581	26.748	134.2	8.793	90.5	1482.7	2072.1	40.1
410.0	407.6	6.388	6.352	34.073	26.775	28.651	26.771	132.1	8.926	90.5	1482.1	2160.1	19.0
420.0	417.6	6.326	6.289	34.095	26.801	28.723	26.796	129.8	9.057	90.5	1482.0	2249.3	32.7
430.0	427.5	6.210	6.172	34.110	26.827	28.796	26.823	127.3	9.186	90.5	1481.8	2339.8	21.9
440.0	437.4	6.144	6.105	34.122	26.846	28.861	26.841	125.7	9.312	90.5	1481.7	2431.6	4.9
450.0	447.3	6.017	5.978	34.116	26.857	28.919	26.852	124.6	9.437	90.6	1481.3	2524.6	17.8
460.0	457.3	5.906	5.867	34.116	26.871	28.979	26.866	123.3	9.561	90.6	1481.0	2618.8	3.4
470.0	467.2	5.966	5.925	34.134	26.878	29.031	26.873	122.8	9.684	90.5	1481.5	2714.3	10.2
480.0	477.1	5.867	5.826	34.141	26.896	29.096	26.891	121.2	9.806	90.5	1481.2	2811.0	20.7
490.0	487.0	5.849	5.807	34.156	26.910	29.156	26.905	119.9	9.927	90.6	1481.3	2908.8	11.6
500.0	496.9	5.779	5.737	34.162	26.924	29.216	26.918	118.7	10.046	90.6	1481.2	3007.9	16.0
510.0	506.9	5.738	5.695	34.165	26.931	29.270	26.926	118.1	10.165	90.6	1481.2	3108.1	6.6
520.0	516.8	5.759	5.715	34.184	26.943	29.327	26.938	117.1	10.282	90.6	1481.5	3209.5	12.2
530.0	526.7	5.694	5.649	34.183	26.951	29.382	26.946	116.4	10.399	90.5	1481.4	3312.1	9.0
540.0	536.6	5.644	5.599	34.199	26.970	29.446	26.964	114.7	10.514	90.5	1481.4	3415.8	15.7
550.0	546.5	5.326	5.281	34.170	26.985	29.511	26.979	113.0	10.628	90.5	1480.2	3520.6	3.1
560.0	556.4	5.445	5.399	34.205	26.998	29.569	26.993	112.0	10.741	90.5	1480.9	3626.5	.2
570.0	566.4	5.390	5.343	34.208	27.007	29.624	27.002	111.2	10.852	90.5	1480.9	3733.6	29.5
580.0	576.3	5.266	5.218	34.213	27.026	29.690	27.020	109.4	10.963	90.5	1480.5	3841.7	16.0
590.0	586.2	5.197	5.149	34.221	27.041	29.751	27.035	108.1	11.072	90.5	1480.4	3950.9	8.9
600.0	596.1	5.275	5.226	34.244	27.050	29.805	27.044	107.4	11.180	90.5	1480.9	4061.2	12.8
610.0	606.0	5.148	5.099	34.239	27.060	29.864	27.055	106.4	11.286	90.4	1480.6	4172.6	8.1
620.0	615.9	5.054	5.004	34.246	27.077	29.927	27.072	104.8	11.392	90.4	1480.4	4285.0	7.2
630.0	625.8	5.129	5.078	34.274	27.090	29.985	27.085	103.8	11.496	90.4	1480.9	4398.4	10.1
640.0	635.8	5.053	5.002	34.277	27.102	30.043	27.096	102.7	11.600	90.4	1480.7	4512.8	10.7
650.0	645.7	5.063	5.010	34.289	27.111	30.097	27.104	102.0	11.702	90.4	1480.9	4628.3	8.7
660.0	655.6	5.066	5.013	34.302	27.120	30.152	27.114	101.2	11.804	90.3	1481.1	4744.8	11.0
670.0	665.5	5.029	4.975	34.312	27.133	30.211	27.127	100.1	11.904	90.4	1481.2	4862.2	14.8
680.0	675.4	5.010	4.956	34.317	27.139	30.263	27.132	99.7	12.004	90.3	1481.3	4980.7	.8
690.0	685.3	4.984	4.929	34.324	27.147	30.318	27.141	98.9	12.103	90.3	1481.3	5100.1	6.9
700.0	695.2	4.909	4.853	34.333	27.163	30.381	27.157	97.4	12.202	90.3	1481.2	5220.5	7.5
710.0	705.1	4.876	4.819	34.339	27.172	30.435	27.165	96.7	12.299	90.3	1481.2	5341.9	11.0
720.0	715.0	4.850	4.793	34.339	27.175	30.484	27.168	96.5	12.395	90.3	1481.3	5464.2	3.4
730.0	724.9	4.823	4.765	34.350	27.187	30.542	27.180	95.4	12.491	90.3	1481.3	5587.4	6.9
740.0	734.8	4.792	4.733	34.352	27.191	30.593	27.185	95.0	12.586	90.3	1481.4	5711.6	1.4
750.0	744.7	4.791	4.731	34.368	27.205	30.652	27.198	93.9	12.681	90.3	1481.6	5836.8	7.2
760.0	754.6	4.768	4.707	34.372	27.211	30.704	27.204	93.4	12.775	90.3	1481.6	5962.8	4.9
770.0	764.5	4.808	4.746	34.380	27.213	30.751	27.206	93.4	12.868	90.2	1482.0	6089.8	9.6
780.0	774.4	4.727	4.665	34.385	27.226	30.811	27.219	92.1	12.961	90.2	1481.8	6217.7	12.5
790.0	784.3	4.673	4.611	34.390	27.236	30.867	27.229	91.2	13.052	90.2	1481.8	6346.5	21.0
800.0	794.2	4.564	4.501	34.384	27.243	30.923	27.237	90.4	13.143	90.2	1481.5	6476.2	7.5
810.0	804.1	4.512	4.449	34.383	27.248	30.974	27.241	90.0	13.233	90.2	1481.4	6606.8	6.6
820.0	814.0	4.465	4.401	34.384	27.254	31.027	27.247	89.4	13.323	90.2	1481.4	6738.2	3.4
830.0	823.9	4.408	4.344	34.393	27.267	31.086	27.260	88.2	13.412	90.2	1481.3	6870.6	5.2
840.0	833.8	4.383	4.318	34.393	27.270	31.135	27.263	87.9	13.500	90.3	1481.4	7003.8	1.7
850.0	843.7	4.360	4.295	34.394	27.273	31.185	27.266	87.7	13.588	90.2	1481.5	7137.8	10.5
860.0	853.6	4.308	4.242	34.400	27.284	31.242	27.277	86.7	13.675	90.2	1481.4	7272.8	1.7
870.0	863.5	4.309	4.242	34.410	27.292	31.296	27.285	86.0	13.761	90.2	1481.6	7408.6	3.1
880.0	873.4	4.319	4.251	34.418	27.297	31.346	27.289	85.7	13.847	90.2	1481.8	7545.2	2.0
890.0	883.3	4.298	4.229	34.424	27.304	31.399	27.297	85.1	13.932	90.2	1481.9	7682.7	4.9
900.0	893.2	4.312	4.243	34.433	27.310	31.450	27.303	84.7	14.017	90.2	1482.1	7821.0	5.5
910.0	903.1	4.286	4.216	34.434	27.313	31.500	27.306	84.4	14.102	90.2	1482.2	7960.1	4.9
920.0	913.0	4.208	4.137	34.436	27.323	31.557	27.316	83.4	14.186	90.2	1482.0	8100.0	10.8
930.0	922.9	4.198	4.127	34.439	27.327	31.606	27.319	83.1	14.269	90.2	1482.2	8240.8	.5
940.0	932.8	4.178	4.106	34.440	27.330	31.656	27.322	82.9	14.352	90.2	1482.2	8382.4	2.6
950.0	942.7	4.162	4.089	34.451	27.340	31.712	27.332	82.0	14.435	90.2	1482.4	8524.8	3.2
960.0	952.6	4.129	4.056	34.454	27.346	31.764	27.338	81.5	14.517	90.2	1482.4	8668.0	2.6
970.0	962.5	4.091	4.017	34.456	27.352	31.816	27.344	80.9	14.598	90.2	1482.4	8812.1	2.9
980.0	972.4	4.043	3.968	34.457	27.357	31.868	27.350	80.4	14.678	90.2	1482.4	8956.9	6.7
990.0	982.3	4.024	3.949	34.458	27.361	31.918	27.353	80.1	14.759	90.2	1482.4	9102.4	1.1

Station 1 Latitude 32° 00.00'N Longitude 126° 40.45'W 26 Apr 1991 GMT 14:16 Bottom 4210 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	4.004	3.928	34.464	27.367	31.971	27.360	79.6	14.838	90.2	1482.5	9248.8	2.3
1020.0	1011.9	3.945	3.868	34.469	27.377	32.073	27.369	78.7	14.997	90.2	1482.6	9543.9	5.8
1040.0	1031.7	3.866	3.788	34.476	27.391	32.179	27.383	77.4	15.153	90.2	1482.6	9842.1	.0
1060.0	1051.5	3.815	3.736	34.479	27.399	32.280	27.391	76.7	15.307	90.2	1482.8	10143.3	10.2
1080.0	1071.3	3.766	3.686	34.487	27.410	32.383	27.402	75.7	15.459	90.2	1482.9	10447.5	4.4
1100.0	1091.1	3.718	3.636	34.491	27.419	32.484	27.410	74.9	15.610	90.3	1483.0	10754.6	2.3
1120.0	1110.8	3.669	3.586	34.496	27.427	32.586	27.419	74.2	15.759	90.3	1483.1	11064.7	6.2
1122.0	1112.8	3.652	3.569	34.497	27.430	32.597	27.421	73.9	15.774	90.3	1483.1	11095.9	.0

Station 2 Latitude 32° 02.94'N Longitude 126° 42.48'W 26 Apr 1991 GMT 15:48 Bottom 4250 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.906	14.906	33.163	24.577	24.577	24.577	335.1	.000	89.6	1504.8	.0	.0
10.0	10.0	14.904	14.903	33.161	24.576	24.621	24.576	335.4	.335	89.6	1505.0	1.7	1.0
20.0	19.9	14.834	14.831	33.160	24.591	24.679	24.590	334.4	.671	89.7	1504.9	6.7	117.2
30.0	29.9	14.420	14.415	33.153	24.674	24.806	24.673	326.7	1.000	89.8	1503.7	15.0	19.1
40.0	39.8	14.267	14.261	33.147	24.702	24.879	24.701	324.3	1.325	89.8	1503.4	26.6	15.8
50.0	49.8	14.229	14.221	33.147	24.710	24.932	24.709	323.8	1.650	89.8	1503.4	41.4	9.4
60.0	59.8	14.130	14.121	33.141	24.726	24.992	24.724	322.5	1.973	89.7	1503.3	59.5	11.7
70.0	69.7	14.111	14.101	33.140	24.730	25.040	24.728	322.5	2.296	89.7	1503.4	80.7	4.1
80.0	79.7	14.116	14.105	33.151	24.737	25.092	24.735	322.1	2.618	89.6	1503.6	105.2	7.9
90.0	89.7	14.018	14.005	33.151	24.758	25.157	24.756	320.3	2.939	89.4	1503.4	132.9	16.1
100.0	99.6	13.312	13.299	33.121	24.879	25.323	24.876	309.0	3.256	89.5	1501.2	163.7	223.9
110.0	109.6	11.971	11.957	33.066	25.096	25.587	25.093	288.4	3.553	89.5	1496.7	197.6	93.6
120.0	119.5	11.162	11.147	33.076	25.252	25.791	25.250	273.5	3.835	89.7	1494.1	234.4	66.2
130.0	129.5	10.529	10.514	33.194	25.455	26.040	25.452	254.3	4.100	89.8	1492.1	273.9	119.7
140.0	139.4	10.390	10.374	33.243	25.518	26.148	25.515	248.6	4.351	89.8	1491.8	315.9	16.3
150.0	149.4	10.012	9.995	33.292	25.619	26.296	25.617	239.0	4.597	89.9	1490.7	360.5	242.3
160.0	159.3	9.494	9.476	33.362	25.760	26.483	25.757	225.7	4.831	90.1	1489.0	407.4	232.5
170.0	169.3	9.195	9.177	33.424	25.856	26.626	25.853	216.7	5.050	90.2	1488.2	456.5	90.2
180.0	179.2	9.219	9.200	33.538	25.942	26.757	25.939	208.7	5.262	90.2	1488.6	507.8	28.1
190.0	189.1	9.132	9.111	33.578	25.988	26.848	25.985	204.6	5.469	90.2	1488.4	561.1	58.0
200.0	199.1	9.035	9.014	33.709	26.106	27.011	26.102	193.6	5.670	90.2	1488.4	616.5	119.2
210.0	209.0	8.880	8.858	33.830	26.225	27.176	26.222	182.4	5.859	90.2	1488.2	673.8	142.0
220.0	219.0	8.739	8.716	33.872	26.280	27.277	26.276	177.4	6.039	90.2	1487.8	732.9	64.4
230.0	228.9	8.608	8.584	33.934	26.349	27.392	26.345	171.0	6.213	90.2	1487.6	793.8	65.6
240.0	238.8	8.378	8.354	33.965	26.408	27.497	26.404	165.4	6.381	90.3	1486.9	856.4	57.9
250.0	248.8	8.263	8.238	33.983	26.440	27.575	26.436	162.5	6.545	90.3	1486.7	920.6	38.3
260.0	258.7	8.164	8.138	33.991	26.461	27.642	26.457	160.7	6.707	90.3	1486.5	986.5	19.8
270.0	268.6	8.073	8.046	33.996	26.479	27.705	26.475	159.1	6.867	90.3	1486.3	1053.9	29.5
280.0	278.6	7.944	7.916	34.004	26.505	27.777	26.500	156.8	7.025	90.3	1486.0	1122.9	39.7
290.0	288.5	7.835	7.806	34.012	26.527	27.846	26.523	154.8	7.181	90.3	1485.7	1193.4	31.8
300.0	298.4	7.719	7.689	34.019	26.549	27.914	26.544	152.8	7.334	90.3	1485.4	1265.5	12.4
310.0	308.4	7.612	7.582	34.033	26.576	27.987	26.571	150.4	7.486	90.3	1485.2	1339.1	18.0
320.0	318.3	7.450	7.419	34.030	26.596	28.054	26.592	148.4	7.635	90.4	1484.7	1414.2	30.3
330.0	328.2	7.368	7.337	34.049	26.623	28.127	26.619	146.0	7.783	90.4	1484.6	1490.7	14.4
340.0	338.2	7.131	7.099	34.036	26.646	28.197	26.642	143.9	7.928	90.4	1483.8	1568.7	11.8
350.0	348.1	7.153	7.120	34.057	26.660	28.256	26.655	142.7	8.071	90.4	1484.1	1648.2	11.2
360.0	358.0	7.072	7.039	34.064	26.676	28.318	26.671	141.3	8.213	90.4	1484.0	1729.0	21.7
370.0	368.0	7.030	6.996	34.084	26.698	28.386	26.693	139.3	8.354	90.4	1484.0	1811.2	24.1
380.0	377.9	7.006	6.970	34.103	26.716	28.449	26.711	137.8	8.492	90.4	1484.1	1894.8	14.7
390.0	387.8	6.749	6.713	34.084	26.736	28.518	26.732	135.8	8.629	90.4	1483.2	1979.8	20.5
400.0	397.7	6.472	6.437	34.070	26.762	28.591	26.757	133.3	8.764	90.5	1482.3	2066.1	25.4
410.0	407.6	6.567	6.530	34.115	26.785	28.659	26.780	131.3	8.896	90.5	1482.9	2153.8	15.8
420.0	417.6	6.365	6.328	34.095	26.796	28.717	26.791	130.3	9.027	90.5	1482.2	2242.7	19.6
430.0	427.5	6.389	6.351	34.114	26.808	28.775	26.803	129.3	9.156	90.5	1482.5	2332.9	22.5
440.0	437.4	6.190	6.151	34.104	26.826	28.840	26.821	127.6	9.285	90.5	1481.8	2424.4	15.5
450.0	447.3	6.120	6.081	34.107	26.837	28.898	26.832	126.6	9.412	90.5	1481.7	2517.1	21.9
460.0	457.3	6.053	6.013	34.112	26.849	28.956	26.844	125.5	9.538	90.5	1481.6	2611.2	12.2
470.0	467.2	5.988	5.947	34.126	26.868	29.022	26.863	123.7	9.662	90.5	1481.5	2706.4	12.2
480.0	477.1	5.959	5.917	34.126	26.873	29.072	26.868	123.4	9.786	90.5	1481.6	2802.9	2.8
490.0	487.0	5.905	5.863	34.138	26.889	29.134	26.883	122.0	9.909	90.5	1481.5	2900.5	21.6
500.0	496.9	5.862	5.819	34.151	26.904	29.196	26.899	120.6	10.030	90.5	1481.6	2999.4	2.0
510.0	506.9	5.824	5.781	34.160	26.917	29.254	26.911	119.6	10.150	90.5	1481.6	3099.5	16.3
520.0	516.8	5.749	5.705	34.165	26.929	29.314	26.924	118.4	10.269	90.5	1481.4	3200.8	12.5
530.0	526.7	5.742	5.697	34.180	26.943	29.373	26.937	117.2	10.387	90.5	1481.6	3303.2	14.6
540.0	536.6	5.717	5.671	34.186	26.951	29.426	26.945	116.6	10.504	90.5	1481.7	3406.8	4.0
550.0	546.5	5.679	5.632	34.194	26.962	29.483	26.956	115.7	10.620	90.6	1481.7	3511.5	4.6
560.0	556.4	5.670	5.622	34.203	26.970	29.537	26.964	115.0	10.735	90.4	1481.8	3617.4	7.0
570.0	566.4	5.637	5.589	34.213	26.982	29.595	26.976	113.9	10.850	90.4	1481.9	3724.4	12.8
580.0	576.3	5.557	5.508	34.213	26.992	29.652	26.986	113.1	10.963	90.4	1481.7	3832.5	22.8
590.0	586.2	5.463	5.414	34.225	27.012	29.719	27.006	111.1	11.075	90.4	1481.5	3941.8	21.3
600.0	596.1	5.466	5.416	34.250	27.032	29.785	27.026	109.4	11.186	90.4	1481.7	4052.1	11.1
610.0	606.0	5.437	5.386	34.263	27.046	29.844	27.040	108.2	11.294	90.4	1481.8	4163.5	36.2
620.0	615.9	5.388	5.336	34.278	27.063	29.908	27.057	106.6	11.402	90.4	1481.8	4276.0	12.5
630.0	625.8	5.348	5.296	34.286	27.075	29.965	27.068	105.6	11.508	90.4	1481.8	4389.5	7.8
640.0	635.7	5.149	5.097	34.273	27.088	30.027	27.081	104.2	11.613	90.3	1481.1	4504.1	8.7
650.0	645.7	5.148	5.095	34.283	27.096	30.081	27.090	103.5	11.716	90.3	1481.3	4619.7	5.2
660.0	655.6	5.167	5.113	34.305	27.111	30.142	27.105	102.2	11.819	90.3	1481.6	4736.3	6.4
670.0	665.5	5.182	5.128	34.323	27.124	30.200	27.118	101.2	11.921	90.3	1481.8	4853.9	24.2
680.0	675.4	5.053	4.998	34.313	27.131	30.255	27.125	100.4	12.021	90.3	1481.4	4972.5	3.7
690.0	685.3	4.984	4.928	34.320	27.145	30.315	27.138	99.2	12.121	90.3	1481.3	5092.1	9.6
700.0	695.2	4.974	4.918	34.327	27.151	30.367	27.145	98.7	12.220	90.3	1481.4	5212.7	4.6
710.0	705.1	4.894	4.837	34.327	27.160	30.423	27.154	97.8	12.318	90.3	1481.3	5334.3	16.6
720.0	715.0	4.877	4.819	34.338	27.171	30.480	27.164	96.9	12.415	90.3	1481.4	5456.8	16.0
730.0	724.9	4.856	4.797	34.349	27.183	30.537	27.176	95.9	12.511	90.2	1481.5	5580.2	.8
740.0	734.8	4.806	4.747	34.356	27.193	30.594	27.187	94.9	12.607	90.2	1481.4	5704.6	14.0
750.0	744.7	4.762	4.702	34.355	27.198	30.646	27.191	94.5	12.702	90.2	1481.4	5830.0	-1.0
760.0	754.6	4.746	4.686	34.359	27.202	30.696	27.196	94.1	12.796	90.3	1481.5	5956.2	2.3
770.0	764.5	4.731	4.669	34.364	27.209	30.748	27.202	93.6	12.890	90.3	1481.6	6083.4	1.7
780.0	774.4	4.708	4.646	34.369	27.215	30.801	27.208	93.1	12.983	90.3	1481.7	6211.5	3.1
790.0	784.3	4.659	4.597	34.379	27.229	30.861	27.222	91.8	13.076	90.2	1481.7	6340.6	27.7
800.0	794.2	4.596	4.533	34.382	27.238	30.916	27.231	91.0	13.167	90.2	1481.6	6470.5	6.4
810.0	804.1	4.560	4.496	34.389	27.248	30.973	27.241	90.1	13.258	90.2	1481.6	6601.3	7.2
820.0	814.0	4.536	4.471	34.395	27.255	31.026	27.248	89.5	13.347	90.2	1481.7	6733.0	5.5
830.0	823.9	4.517	4.452	34.399	27.260	31.077	27.253	89.0	13.437	90.2	1481.8	6865.6	6.4
840.0	833.8	4.514	4.448	34.405	27.266	31.128	27.258	88.6	13.526	90.2	1481.9	6999.0	7.8
850.0	843.7	4.439	4.372	34.412	27.279	31.189	27.272	87.3	13.613	90.2	1481.8	7133.4	9.0
860.0	853.6	4.435	4.368	34.421	27.287	31.242	27.279	86.7	13.700	90.2	1482.0	7268.6	8.1
870.0	863.5	4.372	4.305	34.419	27.292	31.294	27.285	86.2	13.787	90.2	1481.9	7404.6	1.7
880.0	873.4	4.373	4.304	34.425	27.296	31.344	27.289	85.9	13.873	90.2	1482.0	7541.5	11.4
890.0	883.3	4.362	4.293	34.434	27.305	31.399	27.298	85.1	13.958	90.2	1482.2	7679.2	13.7
900.0	893.2	4.321	4.251	34.437	27.312	31.452	27.305	84.5	14.043	90.2	1482.2	7817.8	6.7
910.0	903.1	4.280	4.210	34.438	27.317	31.504	27.310	84.0	14.127	90.2	1482.2	7957.1	7.6
920.0	913.0	4.265	4.194	34.441	27.321	31.554	27.314	83.7	14.211	90.2	1482.3	8097.4	12.6
930.0	922.9	4.230	4.159	34.444	27.327	31.606	27.320	83.1	14.295	90.2	1482.3	8238.4	5.2
940.0	932.8	4.168	4.096	34.445	27.335	31.661	27.328	82.4	14.377	90.2	1482.2	8380.2	8.4
950.0	942.7	4.128	4.056	34.447	27.340	31.712	27.333	81.9	14.460	90.2	1482.2	8522.9	1.4
960.0	952.6	4.102	4.029	34.449	27.345	31.763	27.337	81.5	14.541	90.3	1482.3	8666.3	14.0
970.0	962.5	4.059	3.986	34.452	27.352	31.817	27.344	80.8	14.622	90.2	1482.3	8810.6	6.7
980.0	972.4	4.031	3.957	34.455	27.357	31.869	27.350	80.4	14.703	90.2	1482.3	8955.6	3.8
990.0	982.3	4.012	3.937	34.458	27.362	31.919	27.354	80.0	14.783	90.2	1482.4	9101.5	6.4

Station 2 Latitude 32° 02.94'N Longitude 126° 42.48'W 26 Apr 1991 GMT 15:48 Bottom 4250 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.982	3.906	34.460	27.367	31.971	27.359	79.6	14.863	90.2	1482.4	9248.1	4.4
1020.0	1011.9	3.949	3.872	34.467	27.375	32.071	27.367	78.8	15.021	90.3	1482.6	9543.7	3.8
1040.0	1031.7	3.901	3.822	34.472	27.384	32.172	27.376	78.1	15.178	90.2	1482.8	9842.3	5.0
1060.0	1051.5	3.833	3.753	34.476	27.395	32.275	27.387	77.1	15.333	90.2	1482.8	10144.0	7.9
1080.0	1071.3	3.769	3.689	34.485	27.408	32.382	27.400	75.9	15.486	90.2	1482.9	10448.8	2.3
1100.0	1091.1	3.741	3.659	34.490	27.415	32.481	27.407	75.3	15.638	90.2	1483.1	10756.5	5.3
1120.0	1110.8	3.689	3.606	34.493	27.422	32.580	27.414	74.7	15.788	90.2	1483.2	11067.1	7.9
1140.0	1130.6	3.607	3.523	34.495	27.432	32.683	27.424	73.7	15.936	90.3	1483.2	11380.7	7.9
1160.0	1150.3	3.535	3.450	34.501	27.444	32.789	27.436	72.5	16.082	90.3	1483.2	11697.1	6.2
1180.0	1170.1	3.490	3.404	34.503	27.450	32.887	27.442	72.0	16.227	90.3	1483.4	12016.4	3.0
1200.0	1189.9	3.444	3.356	34.507	27.458	32.987	27.450	71.3	16.370	90.3	1483.5	12338.5	1.8
1220.0	1209.6	3.389	3.300	34.510	27.466	33.088	27.458	70.6	16.512	90.3	1483.6	12663.4	6.8
1240.0	1229.4	3.331	3.241	34.517	27.477	33.191	27.468	69.5	16.652	90.3	1483.7	12991.0	4.7
1260.0	1249.2	3.295	3.203	34.520	27.483	33.289	27.474	69.0	16.791	90.3	1483.9	13321.4	2.4
1280.0	1268.9	3.250	3.158	34.524	27.491	33.390	27.482	68.3	16.928	90.3	1484.1	13654.4	2.4
1300.0	1288.7	3.218	3.124	34.528	27.497	33.487	27.488	67.8	17.064	90.3	1484.3	13990.2	1.2
1320.0	1308.4	3.184	3.089	34.532	27.503	33.586	27.494	67.2	17.199	90.3	1484.4	14328.5	5.7
1340.0	1328.2	3.143	3.047	34.535	27.510	33.685	27.501	66.6	17.333	90.4	1484.6	14669.5	3.9
1360.0	1347.9	3.099	3.002	34.538	27.516	33.783	27.507	66.0	17.466	90.4	1484.8	15013.1	1.9
1380.0	1367.7	3.073	2.974	34.539	27.520	33.879	27.511	65.8	17.597	90.4	1485.0	15359.2	4.2
1400.0	1387.4	3.030	2.930	34.545	27.528	33.980	27.519	65.0	17.728	90.3	1485.1	15707.9	1.0
1420.0	1407.1	3.011	2.910	34.546	27.531	34.074	27.522	64.8	17.858	90.4	1485.4	16059.2	2.8
1440.0	1426.9	2.974	2.872	34.549	27.537	34.172	27.527	64.3	17.987	90.4	1485.6	16413.0	5.4
1460.0	1446.6	2.944	2.840	34.551	27.542	34.268	27.532	63.8	18.115	90.3	1485.8	16769.2	9.8
1480.0	1466.3	2.901	2.796	34.555	27.548	34.367	27.539	63.2	18.242	90.4	1485.9	17128.0	6.6
1500.0	1486.1	2.864	2.758	34.557	27.554	34.465	27.544	62.7	18.368	90.4	1486.1	17489.2	-.1
1520.0	1505.8	2.842	2.734	34.559	27.557	34.559	27.547	62.5	18.493	90.4	1486.3	17852.8	1.1
1540.0	1525.5	2.806	2.697	34.562	27.562	34.657	27.553	61.9	18.617	90.3	1486.5	18218.9	-.7
1560.0	1545.3	2.764	2.654	34.565	27.569	34.756	27.559	61.3	18.740	90.4	1486.7	18587.4	4.0
1580.0	1565.0	2.730	2.618	34.569	27.576	34.855	27.566	60.7	18.862	90.4	1486.9	18958.2	2.9
1600.0	1584.7	2.699	2.586	34.571	27.579	34.950	27.569	60.3	18.983	90.4	1487.1	19331.5	2.6
1620.0	1604.4	2.653	2.539	34.575	27.586	35.050	27.576	59.6	19.103	90.4	1487.2	19707.0	1.7
1640.0	1624.2	2.615	2.500	34.576	27.591	35.147	27.581	59.1	19.222	90.4	1487.4	20084.9	6.4
1660.0	1643.9	2.583	2.467	34.579	27.596	35.243	27.586	58.7	19.340	90.4	1487.6	20465.1	5.8
1680.0	1663.6	2.546	2.429	34.582	27.601	35.341	27.591	58.1	19.457	90.4	1487.8	20847.5	7.3
1700.0	1683.3	2.511	2.393	34.583	27.606	35.438	27.596	57.7	19.573	90.4	1487.9	21232.2	4.4
1720.0	1703.0	2.478	2.359	34.587	27.612	35.535	27.602	57.1	19.688	90.4	1488.1	21619.2	8.2
1740.0	1722.7	2.452	2.330	34.590	27.616	35.631	27.606	56.7	19.801	90.4	1488.4	22008.3	5.0
1760.0	1742.4	2.417	2.294	34.593	27.622	35.729	27.612	56.2	19.914	90.4	1488.5	22399.7	.9
1780.0	1762.1	2.400	2.276	34.594	27.625	35.823	27.614	55.9	20.026	90.4	1488.8	22793.2	-.2
1800.0	1781.8	2.375	2.250	34.596	27.628	35.917	27.617	55.6	20.138	90.4	1489.0	23188.9	4.2
1820.0	1801.5	2.352	2.225	34.598	27.632	36.013	27.621	55.3	20.249	90.4	1489.3	23586.7	5.1
1840.0	1821.2	2.338	2.210	34.598	27.633	36.105	27.623	55.2	20.359	90.4	1489.6	23986.7	-.5
1860.0	1840.9	2.315	2.185	34.602	27.638	36.201	27.627	54.7	20.469	90.5	1489.8	24388.9	2.5
1880.0	1860.6	2.286	2.155	34.603	27.642	36.297	27.631	54.4	20.578	90.4	1490.0	24793.1	-.5
1900.0	1880.3	2.258	2.126	34.606	27.646	36.393	27.635	54.0	20.687	90.4	1490.2	25199.5	2.2
1920.0	1900.0	2.229	2.095	34.610	27.651	36.490	27.640	53.4	20.794	90.4	1490.4	25607.9	2.5
1940.0	1919.7	2.205	2.070	34.612	27.655	36.585	27.644	53.1	20.900	90.4	1490.7	26018.4	2.2
1960.0	1939.4	2.185	2.049	34.613	27.658	36.679	27.647	52.8	21.006	90.5	1490.9	26430.9	2.8
1980.0	1959.1	2.170	2.032	34.614	27.660	36.772	27.649	52.6	21.112	90.5	1491.2	26845.5	1.7
2000.0	1978.8	2.153	2.014	34.617	27.663	36.866	27.652	52.3	21.217	90.4	1491.5	27262.1	6.1
2050.0	2028.0	2.104	1.961	34.620	27.670	37.101	27.659	51.7	21.476	90.5	1492.1	28312.5	2.0
2100.0	2077.2	2.066	1.920	34.625	27.677	37.334	27.666	51.1	21.733	90.5	1492.8	29375.3	.0
2100.0	2077.2	2.066	1.920	34.625	27.677	37.334	27.666	51.1	21.733	90.5	1492.8	29375.3	.0

Station	3	Latitude	32° 04.79'N		Longitude	126° 52.97'W		26 Apr 1991 GMT 18:01			Bottom	1440 m
Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.882	14.882	33.142	24.566	24.566	24.566	336.1	.000	89.5	1504.7	.0	.0
10.0	10.0	14.879	14.878	33.142	24.567	24.611	24.567	336.3	.336	89.5	1504.9	1.7	2.4
20.0	19.9	14.851	14.848	33.142	24.573	24.662	24.573	336.0	.673	89.5	1505.0	6.7	8.6
30.0	29.9	14.452	14.448	33.138	24.655	24.788	24.654	328.4	1.005	89.6	1503.8	15.1	20.8
40.0	39.8	14.356	14.351	33.135	24.674	24.851	24.673	327.0	1.333	89.6	1503.7	26.7	17.9
50.0	49.8	14.173	14.166	33.128	24.707	24.928	24.705	324.1	1.658	89.5	1503.2	41.6	22.2
60.0	59.8	14.061	14.053	33.119	24.724	24.990	24.722	322.8	1.981	89.6	1503.0	59.7	10.2
70.0	69.7	13.997	13.987	33.114	24.733	25.044	24.731	322.1	2.304	89.4	1503.0	81.1	3.8
80.0	79.7	13.974	13.963	33.119	24.742	25.097	24.740	321.5	2.626	89.3	1503.1	105.6	11.7
90.0	89.7	13.892	13.879	33.112	24.754	25.153	24.751	320.7	2.947	89.3	1502.9	133.4	6.4
100.0	99.6	13.791	13.777	33.103	24.768	25.212	24.765	319.6	3.267	89.0	1502.8	164.3	45.6
110.0	109.6	13.483	13.468	33.098	24.827	25.315	24.824	314.3	3.585	89.3	1501.9	198.4	98.6
120.0	119.5	12.569	12.553	33.072	24.987	25.523	24.985	299.0	3.893	89.6	1498.9	235.7	270.9
130.0	129.5	11.670	11.653	33.072	25.157	25.739	25.154	282.9	4.183	89.7	1496.0	275.9	84.5
140.0	139.4	10.855	10.838	33.121	25.342	25.971	25.339	265.4	4.458	89.8	1493.3	318.9	148.8
150.0	149.4	10.485	10.468	33.181	25.453	26.128	25.450	254.9	4.719	89.9	1492.3	364.5	68.8
160.0	159.3	10.185	10.167	33.241	25.551	26.272	25.548	245.8	4.971	90.1	1491.4	412.8	118.8
170.0	169.3	9.755	9.736	33.282	25.655	26.423	25.652	236.0	5.213	90.2	1490.0	463.4	116.1
180.0	179.2	9.381	9.361	33.391	25.801	26.615	25.798	222.2	5.442	90.2	1489.0	516.4	136.5
190.0	189.2	9.174	9.153	33.538	25.949	26.809	25.946	208.3	5.656	90.2	1488.6	571.6	41.9
200.0	199.1	9.000	8.979	33.621	26.042	26.948	26.039	199.6	5.860	90.3	1488.2	628.8	70.9
210.0	209.1	9.003	8.981	33.697	26.101	27.052	26.098	194.2	6.057	90.2	1488.4	688.1	29.6
220.0	219.0	8.845	8.822	33.810	26.215	27.211	26.211	183.5	6.247	90.2	1488.2	749.2	59.5
230.0	228.9	8.754	8.730	33.856	26.265	27.307	26.261	179.0	6.428	90.3	1488.0	812.2	4.7
240.0	238.9	8.590	8.565	33.910	26.333	27.421	26.329	172.6	6.604	90.3	1487.7	877.0	36.3
250.0	248.8	8.544	8.518	33.928	26.354	27.487	26.350	170.8	6.776	90.3	1487.7	943.5	66.5
260.0	258.7	8.327	8.301	33.964	26.416	27.596	26.412	165.0	6.944	90.3	1487.1	1011.6	26.3
270.0	268.7	8.264	8.237	33.972	26.431	27.656	26.427	163.7	7.108	90.3	1487.0	1081.4	23.7
280.0	278.6	8.117	8.089	34.011	26.484	27.756	26.480	158.8	7.270	90.3	1486.6	1152.8	21.6
290.0	288.5	7.935	7.906	34.006	26.507	27.825	26.503	156.7	7.428	90.4	1486.1	1225.8	33.9
300.0	298.5	7.722	7.693	34.008	26.540	27.905	26.536	153.6	7.583	90.3	1485.4	1300.4	8.3
310.0	308.4	7.539	7.509	34.012	26.569	27.981	26.565	150.9	7.735	90.4	1484.9	1376.4	21.2
320.0	318.3	7.437	7.406	34.014	26.586	28.044	26.581	149.4	7.885	90.4	1484.7	1454.0	24.7
330.0	328.3	7.278	7.247	34.020	26.613	28.117	26.608	147.0	8.033	90.4	1484.2	1533.0	13.8
340.0	338.2	7.133	7.101	34.016	26.630	28.181	26.626	145.3	8.179	90.4	1483.8	1613.5	30.2
350.0	348.1	6.930	6.898	34.028	26.667	28.265	26.663	141.8	8.323	90.4	1483.2	1695.5	29.9
360.0	358.0	6.868	6.835	34.027	26.675	28.319	26.671	141.2	8.465	90.4	1483.1	1778.8	26.7
370.0	368.0	6.667	6.633	34.038	26.710	28.402	26.706	137.8	8.604	90.4	1482.5	1863.5	36.0
380.0	377.9	6.596	6.562	34.044	26.725	28.463	26.721	136.5	8.741	90.5	1482.4	1949.6	6.1
390.0	387.8	6.428	6.393	34.044	26.747	28.532	26.743	134.5	8.877	90.4	1481.9	2037.0	16.0
400.0	397.8	6.394	6.358	34.057	26.762	28.592	26.757	133.2	9.010	90.4	1481.9	2125.8	33.9
410.0	407.7	6.315	6.279	34.096	26.803	28.679	26.798	129.4	9.142	90.5	1481.8	2215.9	61.4
420.0	417.6	6.315	6.278	34.115	26.818	28.740	26.813	128.1	9.270	90.5	1482.0	2307.2	24.0
430.0	427.5	6.260	6.222	34.129	26.836	28.804	26.831	126.5	9.397	90.5	1482.0	2399.9	1.4
440.0	437.4	6.273	6.234	34.144	26.846	28.860	26.841	125.7	9.524	90.5	1482.2	2493.7	11.7
450.0	447.4	6.194	6.155	34.154	26.865	28.924	26.859	124.1	9.649	90.5	1482.1	2588.8	8.4
460.0	457.3	6.181	6.141	34.158	26.869	28.975	26.864	123.7	9.773	90.4	1482.2	2685.2	29.5
470.0	467.2	6.124	6.083	34.176	26.891	29.043	26.886	121.7	9.895	90.5	1482.2	2782.7	9.6
480.0	477.1	6.075	6.033	34.179	26.900	29.098	26.895	121.0	10.016	90.5	1482.1	2881.5	9.3
490.0	487.0	5.893	5.851	34.176	26.920	29.166	26.915	119.0	10.137	90.5	1481.5	2981.4	29.2
500.0	497.0	5.859	5.816	34.174	26.923	29.215	26.918	118.9	10.256	90.5	1481.6	3082.6	3.4
510.0	506.9	5.820	5.776	34.189	26.940	29.278	26.935	117.4	10.374	90.4	1481.6	3184.9	22.2
520.0	516.8	5.828	5.784	34.212	26.957	29.340	26.951	115.9	10.491	90.5	1481.8	3288.3	14.9
530.0	526.7	5.777	5.732	34.225	26.974	29.403	26.969	114.4	10.606	90.5	1481.8	3392.9	15.5
540.0	536.6	5.540	5.494	34.207	26.988	29.466	26.983	112.9	10.719	90.5	1481.0	3498.7	7.5
550.0	546.5	5.442	5.396	34.207	27.000	29.525	26.995	111.7	10.832	90.5	1480.7	3605.5	9.8
560.0	556.5	5.333	5.287	34.211	27.017	29.589	27.011	110.2	10.943	90.5	1480.5	3713.5	23.9
570.0	566.4	5.223	5.176	34.209	27.028	29.648	27.023	109.0	11.052	90.5	1480.2	3822.5	11.3
580.0	576.3	5.127	5.080	34.218	27.047	29.713	27.041	107.3	11.161	90.5	1480.0	3932.6	25.0
590.0	586.2	5.092	5.045	34.236	27.065	29.777	27.059	105.7	11.267	90.4	1480.0	4043.8	2.5
600.0	596.1	4.967	4.919	34.232	27.076	29.836	27.070	104.6	11.372	90.4	1479.7	4156.0	10.9
610.0	606.0	4.924	4.876	34.239	27.087	29.893	27.081	103.6	11.476	90.4	1479.7	4269.2	8.9
620.0	615.9	4.898	4.849	34.262	27.107	29.960	27.102	101.7	11.579	90.4	1479.7	4383.5	17.7
630.0	625.8	4.854	4.804	34.265	27.115	30.014	27.109	101.0	11.680	90.4	1479.7	4498.7	6.3
640.0	635.8	4.808	4.758	34.267	27.122	30.067	27.116	100.5	11.781	90.4	1479.7	4615.0	1.0
650.0	645.7	4.851	4.799	34.282	27.129	30.119	27.123	100.0	11.881	90.3	1480.1	4732.2	6.3
660.0	655.6	4.787	4.735	34.282	27.136	30.173	27.131	99.3	11.980	90.4	1480.0	4850.5	3.3
670.0	665.5	4.758	4.705	34.293	27.149	30.231	27.143	98.2	12.079	90.3	1480.0	4969.7	13.3
680.0	675.4	4.695	4.642	34.304	27.164	30.294	27.158	96.7	12.177	90.3	1479.9	5089.8	19.2
690.0	685.3	4.645	4.591	34.312	27.176	30.352	27.170	95.7	12.273	90.3	1479.9	5210.9	13.9
700.0	695.2	4.606	4.552	34.332	27.196	30.419	27.190	93.8	12.368	90.3	1479.9	5333.0	22.1
710.0	705.1	4.559	4.504	34.338	27.206	30.475	27.200	92.9	12.461	90.3	1479.9	5456.0	6.6
720.0	715.0	4.548	4.492	34.340	27.209	30.524	27.203	92.7	12.554	90.3	1480.0	5579.9	20.0
730.0	724.9	4.512	4.456	34.344	27.216	30.577	27.210	92.1	12.646	90.3	1480.1	5704.7	1.6
740.0	734.8	4.500	4.443	34.350	27.223	30.630	27.217	91.5	12.738	90.3	1480.2	5830.4	10.4
750.0	744.7	4.512	4.454	34.362	27.231	30.684	27.225	90.9	12.829	90.3	1480.4	5957.0	11.3
760.0	754.6	4.474	4.415	34.367	27.239	30.738	27.233	90.2	12.920	90.3	1480.4	6084.5	15.1
770.0	764.5	4.445	4.386	34.370	27.245	30.790	27.238	89.7	13.010	90.2	1480.5	6212.9	9.5
780.0	774.4	4.396	4.336	34.374	27.253	30.845	27.247	88.9	13.099	90.2	1480.4	6342.2	1.0
790.0	784.3	4.362	4.301	34.386	27.266	30.904	27.260	87.7	13.188	90.3	1480.5	6472.3	-.1
800.0	794.3	4.347	4.285	34.390	27.271	30.955	27.264	87.3	13.275	90.3	1480.6	6603.3	4.8
810.0	804.2	4.283	4.221	34.394	27.281	31.012	27.275	86.4	13.362	90.2	1480.5	6735.2	4.8
820.0	814.0	4.270	4.207	34.393	27.282	31.059	27.275	86.4	13.449	90.2	1480.6	6867.9	6.0
830.0	824.0	4.213	4.150	34.404	27.296	31.120	27.290	85.0	13.534	90.2	1480.5	7001.5	6.6
840.0	833.8	4.184	4.120	34.408	27.302	31.172	27.296	84.5	13.619	90.3	1480.6	7135.9	.7
850.0	843.8	4.172	4.107	34.410	27.306	31.222	27.299	84.2	13.703	90.3	1480.7	7271.1	25.9
860.0	853.6	4.113	4.048	34.417	27.318	31.280	27.311	83.1	13.787	90.2	1480.6	7407.2	.7
870.0	863.5	4.109	4.044	34.418	27.319	31.327	27.312	83.1	13.870	90.3	1480.8	7544.0	3.4
880.0	873.4	4.090	4.024	34.418	27.321	31.375	27.314	82.9	13.953	90.3	1480.9	7681.7	11.9
890.0	883.3	4.037	3.970	34.426	27.333	31.434	27.326	81.8	14.035	90.3	1480.8	7820.2	.8
900.0	893.2	4.006	3.939	34.432	27.340	31.488	27.333	81.1	14.117	90.3	1480.9	7959.5	14.2
910.0	903.1	3.986	3.918	34.435	27.345	31.539	27.338	80.7	14.197	90.3	1480.9	8099.6	1.6
920.0	913.0	3.940	3.871	34.439	27.354	31.594	27.346	80.0	14.278	90.3	1480.9	8240.5	4.6
930.0	922.9	3.944	3.875	34.443	27.356	31.642	27.349	79.8	14.358	90.2	1481.1	8382.1	.5
940.0	932.8	3.937	3.867	34.444	27.357	31.689	27.350	79.8	14.438	90.3	1481.2	8524.6	4.9
950.0	942.7	3.926	3.855	34.444	27.359	31.737	27.352	79.7	14.517	90.3	1481.4	8667.8	3.7
960.0	952.6	3.883	3.811	34.442	27.362	31.786	27.355	79.4	14.597	90.3	1481.3	8811.8	5.2
970.0	962.5	3.872	3.800	34.444	27.365	31.834	27.357	79.2	14.676	90.3	1481.5	8956.6	-.7
980.0	972.4	3.858	3.785	34.447	27.368	31.884	27.361	78.9	14.755	90.3	1481.6	9102.2	7.2
990.0	982.3	3.836	3.763	34.451	27.373	31.935	27.366	78.5	14.834	90.3	1481.6	9248.5	2.6

Station	3	Latitude	32° 04.79'N		Longitude	126° 52.97'W		26 Apr 1991 GMT 18:01			Bottom	1440 m
Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.763	3.690	34.463	27.390	32.000	27.383	76.8	14.912	90.3	1481.5	9395.6	17.8
1020.0	1011.9	3.703	3.628	34.471	27.403	32.105	27.396	75.6	15.064	90.3	1481.6	9692.1	10.8
1040.0	1031.7	3.657	3.581	34.475	27.411	32.206	27.404	74.9	15.214	90.3	1481.7	9991.5	.5
1060.0	1051.5	3.654	3.576	34.476	27.412	32.298	27.404	75.0	15.364	90.3	1482.1	10293.9	-.3
1080.0	1071.3	3.582	3.503	34.484	27.425	32.404	27.418	73.7	15.513	90.3	1482.1	10599.2	-1.8
1100.0	1091.0	3.559	3.479	34.487	27.430	32.501	27.423	73.4	15.660	90.3	1482.3	10907.4	.5
1120.0	1110.8	3.537	3.455	34.489	27.434	32.596	27.426	73.2	15.807	90.3	1482.6	11218.4	9.1
1140.0	1130.6	3.509	3.426	34.492	27.439	32.693	27.431	72.8	15.953	90.3	1482.8	11532.4	9.7
1160.0	1150.3	3.454	3.370	34.498	27.450	32.796	27.441	71.8	16.097	90.3	1482.9	11849.1	1.8
1180.0	1170.1	3.442	3.356	34.499	27.451	32.889	27.443	71.8	16.240	90.3	1483.2	12168.7	5.6
1200.0	1189.9	3.410	3.323	34.503	27.458	32.988	27.450	71.2	16.383	90.3	1483.4	12491.0	1.5
1220.0	1209.6	3.353	3.265	34.509	27.469	33.092	27.460	70.2	16.525	90.3	1483.5	12816.2	5.3
1240.0	1229.4	3.335	3.246	34.510	27.471	33.186	27.463	70.0	16.666	90.3	1483.7	13144.1	5.0
1260.0	1249.2	3.290	3.199	34.515	27.480	33.286	27.471	69.3	16.805	90.3	1483.9	13474.7	8.3
1280.0	1268.9	3.255	3.163	34.518	27.485	33.384	27.477	68.8	16.943	90.3	1484.1	13808.0	-.5
1300.0	1288.7	3.204	3.110	34.523	27.494	33.486	27.486	67.9	17.080	90.3	1484.2	14144.1	5.3
1320.0	1308.4	3.174	3.079	34.525	27.499	33.582	27.490	67.6	17.215	90.3	1484.4	14482.7	-1.1
1340.0	1328.2	3.125	3.029	34.531	27.508	33.684	27.499	66.7	17.350	90.3	1484.5	14824.1	8.9
1360.0	1347.9	3.069	2.972	34.535	27.517	33.785	27.508	65.9	17.483	90.3	1484.6	15168.0	11.2
1380.0	1367.7	2.981	2.883	34.543	27.531	33.893	27.522	64.4	17.613	90.4	1484.6	15514.5	-.8
1400.0	1387.4	2.969	2.870	34.543	27.533	33.986	27.524	64.4	17.742	90.4	1484.9	15863.5	-1.1
1420.0	1407.1	2.961	2.860	34.545	27.535	34.080	27.526	64.2	17.871	90.3	1485.2	16215.0	.4
1440.0	1426.9	2.952	2.849	34.545	27.536	34.172	27.527	64.3	17.999	90.4	1485.5	16569.0	8.1
1460.0	1446.6	2.855	2.752	34.556	27.553	34.283	27.544	62.4	18.126	90.4	1485.4	16925.5	1.3
1472.0	1458.4	2.842	2.739	34.557	27.555	34.340	27.545	62.3	18.201	90.3	1485.5	17140.5	.0

Station 4 Latitude 32° 05.62'N Longitude 126° 55.49'W 26 Apr 1991 GMT 19:36 Bottom 945 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.890	14.890	33.142	24.565	24.565	24.565	336.2	.000	89.4	1504.8	.0	.0
10.0	10.0	14.845	14.844	33.129	24.564	24.608	24.564	336.6	.336	89.4	1504.8	1.7	20.9
20.0	19.9	14.686	14.683	33.138	24.606	24.694	24.605	332.9	.671	89.4	1504.4	6.7	34.3
30.0	29.9	14.457	14.453	33.139	24.656	24.788	24.655	328.4	1.003	89.5	1503.9	15.0	116.3
40.0	39.8	14.157	14.151	33.132	24.713	24.890	24.712	323.2	1.327	89.4	1503.0	26.6	9.4
50.0	49.8	14.039	14.032	33.121	24.729	24.951	24.728	322.0	1.650	89.4	1502.8	41.5	10.5
60.0	59.8	13.947	13.939	33.110	24.740	25.006	24.738	321.2	1.971	89.3	1502.6	59.5	8.2
70.0	69.7	13.882	13.872	33.109	24.753	25.064	24.751	320.2	2.292	89.3	1502.6	80.7	10.5
80.0	79.7	13.856	13.845	33.113	24.761	25.116	24.759	319.7	2.612	89.2	1502.7	105.2	19.9
90.0	89.7	13.759	13.747	33.109	24.779	25.178	24.776	318.3	2.931	89.0	1502.5	132.8	13.1
100.0	99.6	13.226	13.212	33.098	24.878	25.323	24.876	309.0	3.247	89.3	1500.9	163.5	134.0
110.0	109.6	12.522	12.508	33.078	25.001	25.491	24.998	297.5	3.551	89.4	1498.6	197.4	149.1
120.0	119.5	11.570	11.555	33.073	25.175	25.713	25.173	280.9	3.840	89.6	1495.5	234.2	70.7
130.0	129.5	10.932	10.916	33.084	25.299	25.883	25.297	269.2	4.116	89.8	1493.4	273.8	110.4
140.0	139.4	10.029	10.013	33.157	25.511	26.143	25.509	249.0	4.377	89.9	1490.4	316.1	159.1
150.0	149.4	9.833	9.817	33.189	25.569	26.246	25.566	243.8	4.623	90.1	1489.9	360.8	40.5
160.0	159.3	9.449	9.432	33.314	25.729	26.453	25.727	228.6	4.862	90.1	1488.8	408.0	147.0
170.0	169.3	9.360	9.341	33.348	25.771	26.540	25.768	224.8	5.088	90.2	1488.7	457.5	51.3
180.0	179.2	9.177	9.157	33.459	25.887	26.702	25.884	214.0	5.308	90.2	1488.3	509.2	64.7
190.0	189.1	9.088	9.068	33.579	25.995	26.855	25.992	203.9	5.517	90.2	1488.3	563.0	107.5
200.0	199.1	8.957	8.936	33.715	26.123	27.028	26.119	192.0	5.716	90.2	1488.1	618.9	75.6
210.0	209.0	8.950	8.927	33.798	26.188	27.139	26.185	185.9	5.906	90.2	1488.4	676.6	106.9
220.0	219.0	8.913	8.890	33.864	26.246	27.242	26.243	180.6	6.089	90.2	1488.5	736.2	43.1
230.0	228.9	8.734	8.710	33.898	26.301	27.343	26.297	175.5	6.268	90.2	1488.0	797.6	90.2
240.0	238.9	8.590	8.565	33.943	26.359	27.447	26.355	170.2	6.441	90.2	1487.7	860.8	44.5
250.0	248.8	8.416	8.390	33.963	26.402	27.535	26.398	166.3	6.609	90.3	1487.2	925.6	42.7
260.0	258.7	8.257	8.231	33.984	26.442	27.622	26.438	162.5	6.774	90.3	1486.8	992.1	20.7
270.0	268.6	8.098	8.071	33.996	26.475	27.701	26.471	159.5	6.936	90.3	1486.4	1060.2	46.5
280.0	278.6	8.011	7.983	33.995	26.487	27.759	26.483	158.5	7.095	90.3	1486.2	1129.9	13.4
290.0	288.5	7.812	7.783	33.997	26.519	27.837	26.514	155.6	7.252	90.4	1485.6	1201.1	1.9
300.0	298.5	7.603	7.574	34.000	26.551	27.916	26.546	152.6	7.406	90.3	1485.0	1273.9	51.9
310.0	308.4	7.618	7.588	34.033	26.575	27.986	26.570	150.5	7.557	90.3	1485.2	1348.2	15.1
320.0	318.3	7.446	7.416	34.043	26.608	28.065	26.603	147.4	7.706	90.2	1484.7	1424.0	38.5
330.0	328.2	7.370	7.338	34.046	26.621	28.124	26.616	146.3	7.853	90.3	1484.6	1501.3	39.3
340.0	338.2	7.212	7.180	34.042	26.639	28.190	26.635	144.5	7.998	90.3	1484.2	1579.9	5.6
350.0	348.1	6.956	6.924	34.033	26.668	28.266	26.663	141.8	8.141	90.3	1483.3	1660.1	34.0
360.0	358.0	6.899	6.865	34.044	26.685	28.328	26.680	140.3	8.281	90.3	1483.3	1741.6	3.2
370.0	368.0	6.846	6.812	34.065	26.708	28.398	26.704	138.2	8.420	90.3	1483.2	1824.5	8.2
380.0	377.9	6.852	6.817	34.084	26.722	28.457	26.717	137.1	8.558	90.3	1483.5	1908.7	10.9
390.0	387.8	6.711	6.675	34.083	26.741	28.522	26.736	135.4	8.694	90.3	1483.1	1994.4	44.2
400.0	397.7	6.287	6.252	34.049	26.769	28.601	26.765	132.4	8.828	90.4	1481.5	2081.3	15.4
410.0	407.6	6.192	6.156	34.048	26.781	28.659	26.776	131.4	8.960	90.4	1481.3	2169.6	28.0
420.0	417.6	6.090	6.054	34.057	26.801	28.726	26.797	129.5	9.090	90.4	1481.0	2259.2	20.4
430.0	427.5	5.905	5.868	34.049	26.817	28.790	26.813	127.9	9.219	90.4	1480.4	2350.0	16.5
440.0	437.4	5.842	5.805	34.055	26.830	28.849	26.826	126.8	9.346	90.4	1480.4	2442.1	23.3
450.0	447.3	5.742	5.705	34.053	26.841	28.906	26.836	125.8	9.473	90.4	1480.1	2535.5	8.0
460.0	457.3	5.690	5.651	34.070	26.861	28.973	26.857	123.9	9.597	90.4	1480.1	2630.1	20.9
470.0	467.2	5.595	5.556	34.076	26.877	29.035	26.872	122.5	9.720	90.4	1479.9	2725.9	8.9
480.0	477.1	5.544	5.504	34.090	26.895	29.100	26.890	120.8	9.842	90.4	1479.9	2822.9	12.4
490.0	487.0	5.556	5.515	34.111	26.910	29.160	26.905	119.6	9.962	90.4	1480.1	2921.2	13.9
500.0	496.9	5.526	5.485	34.123	26.923	29.219	26.918	118.4	10.081	90.4	1480.2	3020.6	13.0
510.0	506.9	5.461	5.419	34.136	26.942	29.284	26.937	116.7	10.199	90.4	1480.1	3121.1	16.8
520.0	516.8	5.411	5.368	34.140	26.950	29.339	26.945	116.0	10.316	90.4	1480.0	3222.9	13.9
530.0	526.7	5.345	5.302	34.147	26.964	29.399	26.959	114.8	10.431	90.4	1479.9	3325.7	4.8
540.0	536.6	5.345	5.301	34.162	26.976	29.456	26.971	113.8	10.545	90.4	1480.1	3429.7	22.4
550.0	546.5	5.257	5.212	34.171	26.993	29.521	26.988	112.1	10.658	90.4	1479.9	3534.9	10.1
560.0	556.4	5.143	5.098	34.166	27.003	29.578	26.998	111.2	10.769	90.4	1479.6	3641.1	.7
570.0	566.4	5.177	5.131	34.180	27.010	29.630	27.004	110.7	10.881	90.3	1480.0	3748.4	13.9
580.0	576.3	5.190	5.143	34.209	27.032	29.697	27.026	108.8	10.990	90.3	1480.2	3856.8	19.2
590.0	586.2	5.120	5.072	34.218	27.047	29.759	27.042	107.4	11.098	90.3	1480.1	3966.3	11.3
600.0	596.1	5.096	5.048	34.219	27.051	29.809	27.045	107.1	11.205	90.3	1480.2	4076.9	10.7
610.0	606.0	5.051	5.002	34.235	27.069	29.873	27.063	105.4	11.312	90.3	1480.2	4188.5	6.3
620.0	615.9	5.050	5.000	34.253	27.083	29.933	27.077	104.2	11.417	90.3	1480.4	4301.1	12.4
630.0	625.8	4.959	4.909	34.250	27.091	29.988	27.085	103.5	11.520	90.3	1480.1	4414.8	9.5
640.0	635.7	4.918	4.867	34.261	27.105	30.048	27.099	102.2	11.623	90.3	1480.1	4529.4	19.7
650.0	645.7	4.897	4.845	34.272	27.116	30.105	27.110	101.3	11.724	90.3	1480.2	4645.1	12.1
660.0	655.6	4.817	4.765	34.277	27.129	30.166	27.123	100.0	11.825	90.2	1480.1	4761.8	14.2
670.0	665.5	4.762	4.709	34.287	27.143	30.226	27.137	98.7	11.924	90.2	1480.0	4879.5	17.7
680.0	675.4	4.682	4.629	34.297	27.160	30.290	27.154	97.1	12.022	90.1	1479.9	4998.1	23.5
690.0	685.3	4.656	4.603	34.301	27.166	30.342	27.160	96.6	12.119	90.2	1479.9	5117.7	15.9
700.0	695.2	4.582	4.528	34.305	27.177	30.400	27.171	95.5	12.215	90.2	1479.8	5238.2	4.5
710.0	705.1	4.550	4.495	34.321	27.194	30.463	27.187	94.1	12.310	90.2	1479.9	5359.7	20.9
720.0	715.0	4.532	4.476	34.333	27.205	30.520	27.199	93.1	12.404	90.2	1480.0	5482.1	7.4
730.0	724.9	4.566	4.510	34.344	27.210	30.571	27.204	92.7	12.497	90.2	1480.3	5605.4	3.1
740.0	734.8	4.539	4.482	34.346	27.215	30.622	27.209	92.3	12.590	90.2	1480.3	5729.7	16.2
750.0	744.7	4.535	4.476	34.353	27.221	30.673	27.215	91.9	12.682	90.2	1480.5	5854.8	3.4
760.0	754.6	4.528	4.469	34.357	27.225	30.722	27.218	91.6	12.773	90.2	1480.6	5980.9	4.8
770.0	764.5	4.492	4.432	34.360	27.232	30.776	27.225	91.0	12.865	90.2	1480.6	6107.8	6.3
780.0	774.4	4.398	4.338	34.365	27.246	30.837	27.239	89.6	12.955	90.2	1480.4	6235.7	17.1
790.0	784.3	4.351	4.291	34.361	27.248	30.886	27.241	89.4	13.045	90.2	1480.4	6364.4	-1.3
800.0	794.2	4.311	4.250	34.365	27.255	30.939	27.248	88.8	13.134	90.2	1480.4	6494.0	2.8
810.0	804.1	4.260	4.199	34.379	27.271	31.002	27.265	87.3	13.222	90.2	1480.4	6624.5	16.8
820.0	814.0	4.239	4.177	34.384	27.278	31.055	27.271	86.7	13.309	90.2	1480.4	6755.8	1.6
830.0	823.9	4.209	4.146	34.391	27.287	31.110	27.280	85.9	13.395	90.2	1480.5	6888.0	9.8
840.0	833.8	4.193	4.129	34.394	27.291	31.160	27.284	85.6	13.481	90.2	1480.6	7021.0	3.7
850.0	843.7	4.121	4.056	34.405	27.307	31.224	27.300	84.0	13.566	90.2	1480.5	7154.9	13.6
860.0	853.6	4.085	4.021	34.414	27.318	31.281	27.311	83.0	13.649	90.3	1480.5	7289.5	5.7
870.0	863.5	4.056	3.990	34.421	27.326	31.336	27.320	82.3	13.732	90.2	1480.6	7425.1	4.8
880.0	873.4	4.036	3.970	34.423	27.330	31.386	27.323	82.0	13.814	90.2	1480.6	7561.4	2.2
890.0	883.3	4.025	3.958	34.424	27.333	31.434	27.326	81.8	13.896	90.2	1480.8	7698.5	1.0
900.0	893.2	4.018	3.951	34.425	27.334	31.482	27.327	81.7	13.977	90.2	1480.9	7836.4	3.7
910.0	903.1	3.990	3.922	34.427	27.338	31.532	27.331	81.4	14.059	90.2	1480.9	7975.1	11.0
920.0	913.0	3.982	3.913	34.428	27.340	31.580	27.333	81.3	14.140	90.2	1481.1	8114.6	-1.9
930.0	922.9	3.981	3.911	34.428	27.341	31.626	27.333	81.3	14.222	90.2	1481.2	8254.9	.8
940.0	932.8	3.958	3.888	34.431	27.346	31.677	27.338	80.9	14.303	90.2	1481.3	8396.1	6.6
950.0	942.7	3.935	3.865	34.436	27.351	31.728	27.344	80.4	14.384	90.2	1481.4	8538.0	13.1
960.0	952.6	3.922	3.851	34.438	27.354	31.778	27.347	80.2	14.464	90.2	1481.5	8680.7	14.6
970.0	962.5	3.864	3.792	34.446	27.367	31.837	27.359	79.0	14.543	90.2	1481.4	8824.1	1.1
980.0	972.4	3.864	3.791	34.445	27.367	31.882	27.359	79.1	14.623	90.2	1481.6	8968.4	11.6
990.0	982.3	3.813	3.740	34.454	27.378	31.941	27.371	78.0	14.701	90.2	1481.6	9113.4	21.9

Station	4	Latitude	32° 05.62'N	Longitude	126° 55.49'W	26 Apr 1991 GMT 19:36					Bottom	945 m
Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.786	3.712	34.458	27.385	31.993	27.377	77.4	14.778	90.2	1481.6	9259.2	1.1
1020.0	1011.9	3.751	3.675	34.464	27.393	32.093	27.385	76.7	14.933	90.2	1481.8	9553.1	9.6
1040.0	1031.7	3.730	3.653	34.465	27.396	32.189	27.389	76.5	15.086	90.2	1482.0	9849.9	-1.5
1060.0	1051.5	3.727	3.648	34.466	27.397	32.281	27.389	76.6	15.239	90.2	1482.4	10149.8	.8
1080.0	1071.3	3.666	3.587	34.474	27.409	32.386	27.402	75.5	15.391	90.2	1482.4	10452.6	-.3
1092.0	1083.1	3.655	3.575	34.478	27.414	32.445	27.406	75.1	15.481	90.2	1482.6	10635.8	.0

Station 5 Latitude 32° 07.25'N Longitude 126° 59.10'W 26 Apr 1991 GMT 20:56 Bottom 1150 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.005	15.005	33.131	24.531	24.531	24.531	339.5	.000	89.4	1505.1	.0	.0
10.0	10.0	14.960	14.959	33.129	24.540	24.584	24.539	338.9	.339	89.4	1505.1	1.7	15.0
20.0	19.9	14.896	14.893	33.136	24.559	24.647	24.558	337.4	.678	89.3	1505.1	6.8	45.2
30.0	29.9	14.504	14.500	33.131	24.639	24.772	24.638	330.0	1.012	89.2	1504.0	15.2	97.8
40.0	39.8	14.286	14.280	33.132	24.686	24.864	24.685	325.8	1.340	89.3	1503.4	26.9	21.4
50.0	49.8	14.246	14.239	33.134	24.697	24.918	24.695	325.1	1.665	89.4	1503.5	41.9	7.3
60.0	59.8	14.168	14.160	33.124	24.705	24.971	24.703	324.6	1.990	89.5	1503.4	60.1	21.7
70.0	69.7	14.100	14.090	33.120	24.717	25.027	24.715	323.7	2.314	89.5	1503.3	81.5	6.7
80.0	79.7	14.153	14.141	33.167	24.742	25.097	24.740	321.6	2.637	89.2	1503.7	106.2	16.1
90.0	89.7	14.176	14.163	33.194	24.759	25.157	24.756	320.3	2.958	88.8	1504.0	134.0	19.7
100.0	99.6	13.778	13.764	33.137	24.797	25.241	24.794	316.9	3.277	88.7	1502.8	165.1	86.1
110.0	109.6	13.362	13.347	33.123	24.871	25.359	24.868	310.1	3.590	89.0	1501.5	199.3	76.0
120.0	119.5	12.093	12.078	33.078	25.083	25.619	25.080	289.9	3.890	89.6	1497.3	236.5	110.6
130.0	129.5	11.304	11.288	33.092	25.239	25.822	25.236	275.1	4.172	89.8	1494.7	276.7	23.2
140.0	139.4	10.901	10.884	33.124	25.335	25.965	25.333	266.0	4.443	89.9	1493.5	319.5	168.7
150.0	149.4	10.275	10.257	33.153	25.467	26.143	25.464	253.5	4.701	90.1	1491.5	365.0	54.1
160.0	159.3	9.752	9.734	33.221	25.607	26.330	25.604	240.3	4.948	90.2	1489.8	413.0	12.7
170.0	169.3	9.465	9.446	33.393	25.789	26.558	25.786	223.1	5.183	90.2	1489.1	463.4	246.3
180.0	179.2	9.122	9.103	33.505	25.931	26.746	25.928	209.7	5.400	90.2	1488.2	516.1	123.6
190.0	189.2	8.942	8.922	33.623	26.052	26.913	26.049	198.4	5.604	90.2	1487.8	570.8	57.4
200.0	199.1	8.879	8.858	33.710	26.131	27.037	26.127	191.2	5.799	90.2	1487.8	627.5	17.9
210.0	209.0	8.871	8.849	33.818	26.217	27.168	26.213	183.2	5.987	90.2	1488.1	686.0	98.7
220.0	219.0	8.741	8.718	33.882	26.288	27.285	26.284	176.6	6.166	90.3	1487.9	746.4	56.5
230.0	228.9	8.677	8.653	33.927	26.333	27.375	26.329	172.5	6.341	90.3	1487.8	808.6	45.7
240.0	238.9	8.470	8.445	33.975	26.402	27.491	26.398	166.0	6.510	90.3	1487.3	872.4	35.4
250.0	248.8	8.305	8.280	33.990	26.439	27.574	26.435	162.7	6.675	90.5	1486.8	937.9	11.4
260.0	258.7	8.046	8.020	33.996	26.483	27.665	26.479	158.5	6.836	90.3	1486.0	1005.0	67.8
270.0	268.7	7.907	7.880	33.997	26.504	27.732	26.500	156.6	6.993	90.3	1485.7	1073.7	14.2
280.0	278.6	7.777	7.750	33.998	26.524	27.798	26.520	154.8	7.149	90.4	1485.3	1144.0	-1.3
290.0	288.5	7.658	7.630	34.001	26.544	27.864	26.540	153.0	7.303	90.4	1485.0	1215.7	10.4
300.0	298.5	7.580	7.551	34.001	26.555	27.920	26.550	152.2	7.456	90.4	1484.9	1289.0	16.2
310.0	308.4	7.484	7.455	34.001	26.569	27.981	26.565	150.9	7.607	90.3	1484.7	1363.8	11.5
320.0	318.3	7.387	7.356	34.002	26.583	28.041	26.579	149.6	7.757	90.4	1484.5	1440.1	37.0
330.0	328.2	7.192	7.161	34.006	26.614	28.118	26.609	146.8	7.905	90.4	1483.9	1517.9	10.3
340.0	338.2	7.027	6.995	34.006	26.637	28.188	26.632	144.7	8.051	90.4	1483.4	1597.1	6.2
350.0	348.1	6.826	6.794	34.011	26.668	28.267	26.663	141.7	8.194	90.4	1482.8	1677.7	15.2
360.0	358.0	6.765	6.732	34.010	26.676	28.321	26.671	141.1	8.336	90.4	1482.7	1759.8	43.9
370.0	368.0	6.595	6.562	34.013	26.700	28.392	26.696	138.7	8.475	90.4	1482.2	1843.2	24.8
380.0	377.9	6.450	6.416	34.015	26.721	28.460	26.717	136.8	8.613	90.4	1481.8	1928.0	6.1
390.0	387.8	6.409	6.374	34.015	26.727	28.511	26.722	136.4	8.749	90.4	1481.8	2014.2	2.6
400.0	397.7	6.267	6.231	34.023	26.751	28.583	26.747	134.1	8.885	90.4	1481.4	2101.7	28.0
410.0	407.7	6.207	6.171	34.024	26.760	28.638	26.755	133.4	9.019	90.4	1481.3	2190.6	11.6
420.0	417.6	6.049	6.012	34.035	26.789	28.714	26.784	130.6	9.151	90.4	1480.8	2280.7	24.5
430.0	427.5	5.933	5.896	34.034	26.802	28.774	26.798	129.3	9.281	90.4	1480.5	2372.2	14.2
440.0	437.4	5.821	5.784	34.039	26.820	28.839	26.816	127.7	9.409	90.4	1480.3	2464.9	10.7
450.0	447.4	5.766	5.727	34.048	26.835	28.900	26.830	126.4	9.536	90.4	1480.2	2558.9	21.2
460.0	457.3	5.681	5.642	34.054	26.849	28.961	26.845	125.1	9.662	90.5	1480.0	2654.1	19.2
470.0	467.2	5.621	5.581	34.062	26.864	29.022	26.859	123.8	9.786	90.4	1480.0	2750.6	38.5
480.0	477.1	5.423	5.383	34.074	26.897	29.103	26.892	120.6	9.908	90.4	1479.3	2848.3	23.8
490.0	487.0	5.344	5.304	34.082	26.912	29.165	26.907	119.1	10.028	90.4	1479.2	2947.2	19.4
500.0	497.0	5.284	5.243	34.089	26.925	29.224	26.920	118.0	10.147	90.4	1479.1	3047.2	14.7
510.0	506.9	5.276	5.234	34.108	26.941	29.286	26.936	116.6	10.264	90.4	1479.3	3148.5	10.6
520.0	516.8	5.115	5.073	34.101	26.954	29.347	26.949	115.3	10.380	90.4	1478.8	3250.8	6.5
530.0	526.7	5.098	5.056	34.107	26.961	29.400	26.956	114.7	10.495	90.4	1478.9	3354.3	16.2
540.0	536.6	5.074	5.031	34.122	26.976	29.461	26.971	113.4	10.609	90.4	1479.0	3459.0	13.8
550.0	546.5	5.028	4.984	34.128	26.986	29.517	26.981	112.5	10.722	90.4	1478.9	3564.7	2.1
560.0	556.5	4.987	4.942	34.145	27.004	29.581	26.999	110.9	10.834	90.3	1479.0	3671.6	9.4
570.0	566.4	4.937	4.892	34.155	27.018	29.641	27.013	109.6	10.944	90.3	1478.9	3779.6	8.3
580.0	576.3	4.915	4.869	34.173	27.034	29.704	27.029	108.1	11.053	90.3	1479.0	3888.6	15.6
590.0	586.2	4.879	4.832	34.183	27.046	29.763	27.041	107.0	11.160	90.4	1479.1	3998.7	20.9
600.0	596.1	4.826	4.779	34.186	27.055	29.818	27.050	106.2	11.267	90.3	1479.0	4109.9	5.3
610.0	606.0	4.857	4.808	34.204	27.066	29.874	27.060	105.4	11.373	90.3	1479.3	4222.1	5.6
620.0	615.9	4.873	4.824	34.222	27.079	29.932	27.073	104.4	11.478	90.3	1479.6	4335.3	8.9
630.0	625.8	4.792	4.742	34.231	27.095	29.995	27.089	102.8	11.581	90.2	1479.4	4449.6	8.0
640.0	635.8	4.754	4.704	34.245	27.110	30.056	27.105	101.4	11.683	90.2	1479.4	4564.9	11.5
650.0	645.7	4.721	4.670	34.246	27.115	30.107	27.109	101.1	11.784	90.2	1479.5	4681.1	4.8
660.0	655.6	4.662	4.611	34.259	27.132	30.171	27.126	99.5	11.885	90.3	1479.4	4798.4	15.9
670.0	665.5	4.670	4.618	34.270	27.139	30.224	27.134	98.9	11.984	90.2	1479.6	4916.7	13.9
680.0	675.4	4.608	4.555	34.272	27.148	30.279	27.142	98.1	12.083	90.2	1479.5	5035.9	2.7
690.0	685.3	4.599	4.545	34.282	27.157	30.334	27.151	97.3	12.181	90.2	1479.7	5156.1	16.5
700.0	695.2	4.611	4.556	34.297	27.168	30.390	27.162	96.5	12.277	90.2	1479.9	5277.2	9.2
710.0	705.1	4.619	4.563	34.310	27.177	30.445	27.171	95.7	12.373	90.2	1480.1	5399.3	11.3
720.0	715.0	4.560	4.504	34.314	27.187	30.502	27.181	94.7	12.469	90.2	1480.0	5522.4	9.2
730.0	724.9	4.510	4.453	34.316	27.195	30.556	27.188	94.1	12.563	90.2	1480.0	5646.4	7.4
740.0	734.8	4.473	4.416	34.317	27.199	30.606	27.192	93.7	12.657	90.2	1480.0	5771.3	4.2
750.0	744.7	4.458	4.400	34.327	27.209	30.663	27.203	92.9	12.750	90.2	1480.1	5897.1	4.2
760.0	754.6	4.423	4.364	34.332	27.217	30.717	27.211	92.2	12.843	90.2	1480.2	6023.8	9.5
770.0	764.5	4.390	4.330	34.335	27.223	30.769	27.216	91.6	12.935	90.2	1480.2	6151.5	5.1
780.0	774.4	4.377	4.317	34.347	27.234	30.826	27.228	90.7	13.026	90.2	1480.3	6280.0	10.4
790.0	784.3	4.334	4.274	34.355	27.245	30.883	27.238	89.7	13.117	90.2	1480.3	6409.4	24.4
800.0	794.2	4.333	4.272	34.362	27.250	30.934	27.243	89.3	13.206	90.2	1480.5	6539.8	5.4
810.0	804.1	4.267	4.205	34.375	27.268	30.999	27.261	87.6	13.295	90.2	1480.4	6670.9	14.2
820.0	814.0	4.225	4.163	34.379	27.275	31.053	27.269	86.9	13.382	90.2	1480.4	6803.0	9.8
830.0	823.9	4.191	4.128	34.387	27.285	31.109	27.279	86.0	13.468	90.2	1480.4	6935.9	3.4
840.0	833.8	4.181	4.117	34.389	27.288	31.158	27.281	85.8	13.554	90.2	1480.5	7069.7	10.7
850.0	843.7	4.162	4.097	34.396	27.295	31.211	27.289	85.2	13.640	90.2	1480.6	7204.2	6.0
860.0	853.6	4.137	4.072	34.399	27.301	31.263	27.294	84.8	13.724	90.2	1480.7	7339.7	-1.3
870.0	863.5	4.134	4.068	34.402	27.304	31.312	27.297	84.6	13.809	90.2	1480.9	7475.9	3.4
880.0	873.4	4.104	4.037	34.407	27.310	31.365	27.304	84.0	13.893	90.2	1480.9	7613.0	2.8
890.0	883.3	4.071	4.004	34.407	27.314	31.415	27.307	83.6	13.977	90.2	1480.9	7750.9	3.1
900.0	893.2	4.042	3.975	34.416	27.325	31.471	27.317	82.7	14.061	90.2	1481.0	7889.7	6.3
910.0	903.1	4.002	3.934	34.424	27.335	31.528	27.328	81.7	14.143	90.2	1481.0	8029.2	7.5
920.0	913.0	3.972	3.904	34.425	27.339	31.579	27.332	81.4	14.224	90.2	1481.0	8169.6	6.6
930.0	922.9	3.925	3.856	34.434	27.351	31.637	27.344	80.2	14.305	90.2	1481.0	8310.7	6.9
940.0	932.8	3.906	3.836	34.438	27.356	31.688	27.349	79.8	14.385	90.2	1481.1	8452.6	1.1
950.0	942.7	3.879	3.808	34.443	27.363	31.742	27.356	79.2	14.464	90.2	1481.2	8595.3	8.4
960.0	952.6	3.867	3.796	34.444	27.365	31.790	27.358	79.0	14.543	90.2	1481.3	8738.8	1.4
970.0	962.5	3.863	3.791	34.445	27.366	31.836	27.358	79.1	14.623	90.2	1481.4	8883.1	3.1
980.0	972.4	3.847	3.774	34.448	27.371	31.887	27.363	78.7	14.701	90.3	1481.5	9028.1	4.9
990.0	982.3	3.795	3.722	34.455	27.381	31.944	27.374	77.7	14.780	90.2	1481.5	9173.9	3.4

Station 5 Latitude 32° 07.25'N Longitude 126° 59.10'W 26 Apr 1991 GMT 20:56 Bottom 1150 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.781	3.707	34.458	27.385	31.993	27.377	77.4	14.857	90.2	1481.6	9320.5	4.0
1020.0	1011.9	3.772	3.696	34.461	27.388	32.089	27.381	77.2	15.011	90.2	1481.9	9615.9	2.0
1040.0	1031.7	3.727	3.650	34.466	27.397	32.190	27.390	76.4	15.165	90.2	1482.0	9914.3	2.6
1060.0	1051.5	3.668	3.590	34.474	27.410	32.295	27.402	75.3	15.317	90.2	1482.1	10215.7	7.6
1080.0	1071.3	3.646	3.566	34.477	27.414	32.391	27.406	75.0	15.467	90.2	1482.4	10520.1	8.2
1100.0	1091.0	3.594	3.514	34.481	27.422	32.492	27.414	74.3	15.617	90.2	1482.5	10827.4	2.0
1120.0	1110.8	3.533	3.452	34.489	27.434	32.597	27.427	73.1	15.764	90.2	1482.6	11137.6	2.0
1140.0	1130.6	3.475	3.392	34.496	27.446	32.701	27.438	72.0	15.910	90.2	1482.7	11450.7	2.9
1160.0	1150.3	3.433	3.348	34.500	27.454	32.801	27.445	71.4	16.053	90.2	1482.8	11766.6	-1.5
1180.0	1170.1	3.398	3.312	34.505	27.461	32.900	27.453	70.8	16.196	90.2	1483.0	12085.3	.6
1200.0	1189.9	3.361	3.274	34.510	27.468	33.000	27.460	70.1	16.337	90.2	1483.2	12406.7	2.6
1212.0	1201.7	3.331	3.243	34.512	27.473	33.060	27.465	69.7	16.421	90.2	1483.3	12600.9	.0

Station 6 Latitude 32° 10.93'N Longitude 127° 04.98'W 26 Apr 1991 GMT 22:34 Bottom 4100 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	15.222	15.222	33.171	24.514	24.514	24.514	341.0	.000	89.6	1505.9	.0	.0
10.0	10.0	15.145	15.143	33.163	24.526	24.570	24.525	340.2	.341	89.6	1505.8	1.7	37.0
20.0	19.9	14.968	14.965	33.148	24.553	24.642	24.552	337.9	.679	89.4	1505.3	6.8	15.6
30.0	29.9	14.699	14.695	33.147	24.610	24.743	24.609	332.8	1.015	89.4	1504.6	15.2	100.8
40.0	39.8	14.368	14.362	33.133	24.670	24.847	24.668	327.4	1.345	89.6	1503.7	27.0	70.6
50.0	49.8	14.164	14.157	33.122	24.704	24.926	24.703	324.4	1.670	89.7	1503.2	42.0	11.1
60.0	59.8	14.131	14.122	33.129	24.717	24.983	24.715	323.4	1.994	89.5	1503.3	60.2	9.4
70.0	69.7	14.283	14.273	33.186	24.729	25.039	24.727	322.5	2.317	89.5	1504.0	81.7	2.4
80.0	79.7	14.348	14.336	33.214	24.738	25.092	24.735	322.1	2.639	89.5	1504.4	106.4	13.2
90.0	89.7	14.271	14.258	33.213	24.753	25.151	24.750	320.9	2.960	89.3	1504.3	134.3	5.9
100.0	99.6	13.941	13.927	33.169	24.788	25.232	24.785	317.7	3.280	88.6	1503.3	165.4	17.0
110.0	109.6	13.518	13.502	33.170	24.876	25.364	24.873	309.6	3.593	88.9	1502.1	199.6	84.6
120.0	119.5	12.355	12.340	33.046	25.008	25.544	25.005	297.0	3.897	89.4	1498.2	236.9	163.7
130.0	129.5	11.702	11.686	33.056	25.138	25.720	25.135	284.7	4.187	89.6	1496.1	277.1	126.4
140.0	139.4	11.091	11.074	33.082	25.270	25.898	25.267	272.3	4.464	89.8	1494.1	320.2	127.7
150.0	149.4	10.302	10.285	33.130	25.444	26.120	25.441	255.8	4.727	90.1	1491.5	365.9	57.3
160.0	159.3	9.895	9.877	33.215	25.580	26.302	25.576	243.0	4.979	90.2	1490.3	414.2	192.2
170.0	169.3	9.763	9.744	33.272	25.646	26.413	25.642	236.9	5.218	90.2	1490.1	464.9	158.2
180.0	179.2	9.377	9.358	33.386	25.798	26.612	25.795	222.5	5.445	90.2	1489.0	518.0	61.5
190.0	189.2	9.107	9.087	33.504	25.934	26.794	25.930	209.7	5.660	90.2	1488.3	573.2	94.0
200.0	199.1	8.881	8.859	33.568	26.019	26.926	26.016	201.7	5.866	90.3	1487.7	630.5	96.0
210.0	209.1	8.858	8.836	33.732	26.151	27.103	26.148	189.4	6.062	90.2	1487.9	689.8	125.0
220.0	219.0	8.827	8.804	33.815	26.222	27.218	26.218	182.9	6.247	90.3	1488.1	750.9	40.1
230.0	228.9	8.758	8.734	33.872	26.277	27.319	26.273	177.9	6.428	90.2	1488.1	813.9	21.7
240.0	238.9	8.720	8.694	33.911	26.314	27.401	26.310	174.5	6.604	90.3	1488.1	878.7	43.1
250.0	248.8	8.599	8.573	33.950	26.363	27.496	26.359	170.0	6.776	90.3	1487.9	945.1	33.4
260.0	258.7	8.514	8.487	33.963	26.387	27.565	26.383	167.9	6.945	90.4	1487.8	1013.3	31.0
270.0	268.7	8.372	8.344	33.988	26.428	27.653	26.424	164.1	7.111	90.4	1487.4	1083.1	26.3
280.0	278.6	8.231	8.202	33.994	26.454	27.725	26.449	161.8	7.274	90.4	1487.1	1154.6	31.6
290.0	288.5	8.122	8.092	33.996	26.472	27.789	26.468	160.1	7.435	90.4	1486.8	1227.6	23.7
300.0	298.5	7.871	7.841	33.998	26.511	27.875	26.507	156.5	7.593	90.4	1486.0	1302.3	25.7
310.0	308.4	7.719	7.688	34.000	26.534	27.945	26.530	154.3	7.748	90.4	1485.6	1378.5	7.5
320.0	318.3	7.581	7.550	34.001	26.555	28.012	26.551	152.4	7.902	90.4	1485.2	1456.2	6.0
330.0	328.3	7.380	7.349	34.005	26.587	28.090	26.582	149.5	8.053	90.5	1484.6	1535.4	31.7
340.0	338.2	7.277	7.245	34.005	26.601	28.151	26.597	148.2	8.201	90.4	1484.4	1616.1	37.6
350.0	348.1	7.057	7.024	34.009	26.635	28.232	26.631	145.0	8.348	90.4	1483.7	1698.2	18.2
360.0	358.0	6.902	6.869	34.010	26.657	28.301	26.653	142.9	8.492	90.5	1483.2	1781.8	18.8
370.0	368.0	6.795	6.761	34.010	26.672	28.362	26.667	141.6	8.634	90.5	1483.0	1866.8	31.6
380.0	377.9	6.686	6.652	34.011	26.687	28.423	26.682	140.3	8.775	90.5	1482.7	1953.2	15.2
390.0	387.8	6.586	6.551	34.012	26.701	28.484	26.697	139.0	8.915	90.5	1482.5	2041.0	16.4
400.0	397.8	6.501	6.465	34.014	26.714	28.543	26.709	137.8	9.053	90.5	1482.3	2130.2	5.8
410.0	407.7	6.376	6.340	34.018	26.733	28.610	26.729	136.0	9.190	90.5	1482.0	2220.7	28.3
420.0	417.6	6.229	6.192	34.024	26.757	28.681	26.753	133.8	9.325	90.5	1481.6	2312.6	30.7
430.0	427.5	6.102	6.064	34.032	26.779	28.750	26.775	131.7	9.458	90.5	1481.2	2405.8	20.4
440.0	437.4	6.018	5.980	34.034	26.792	28.809	26.787	130.5	9.589	90.5	1481.0	2500.3	16.6
450.0	447.4	5.933	5.895	34.039	26.807	28.870	26.802	129.2	9.719	90.5	1480.9	2596.1	10.4
460.0	457.3	5.889	5.849	34.040	26.813	28.922	26.808	128.7	9.848	90.6	1480.9	2693.2	12.2
470.0	467.2	5.785	5.745	34.041	26.827	28.983	26.822	127.4	9.976	90.5	1480.6	2791.5	28.0
480.0	477.1	5.653	5.613	34.050	26.850	29.053	26.845	125.2	10.102	90.5	1480.2	2891.1	15.9
490.0	487.0	5.583	5.542	34.055	26.862	29.112	26.857	124.1	10.227	90.6	1480.1	2991.9	23.8
500.0	497.0	5.446	5.405	34.062	26.884	29.181	26.879	122.0	10.350	90.5	1479.7	3094.0	20.3
510.0	506.9	5.378	5.337	34.075	26.903	29.247	26.898	120.3	10.471	90.6	1479.7	3197.2	22.1
520.0	516.8	5.283	5.240	34.083	26.920	29.311	26.915	118.6	10.591	90.5	1479.4	3301.7	24.7
530.0	526.7	5.230	5.187	34.096	26.937	29.374	26.932	117.1	10.709	90.5	1479.4	3407.3	31.7
540.0	536.6	5.117	5.074	34.111	26.962	29.447	26.958	114.7	10.824	90.5	1479.1	3514.0	32.3
550.0	546.5	5.033	4.989	34.119	26.978	29.509	26.973	113.3	10.938	90.5	1479.0	3621.9	12.4
560.0	556.5	4.976	4.932	34.129	26.993	29.570	26.987	111.9	11.051	90.5	1478.9	3731.0	1.5
570.0	566.4	4.914	4.869	34.139	27.008	29.632	27.003	110.5	11.162	90.5	1478.8	3841.1	22.9
580.0	576.3	4.855	4.809	34.156	27.028	29.698	27.022	108.7	11.271	90.5	1478.8	3952.3	8.8
590.0	586.2	4.776	4.730	34.160	27.040	29.758	27.035	107.5	11.380	90.5	1478.6	4064.5	16.7
600.0	596.1	4.713	4.666	34.173	27.057	29.822	27.052	105.9	11.486	90.5	1478.5	4177.9	30.8
610.0	606.0	4.664	4.617	34.181	27.069	29.880	27.064	104.8	11.592	90.4	1478.5	4292.3	4.1
620.0	616.0	4.611	4.563	34.194	27.085	29.942	27.080	103.4	11.696	90.4	1478.5	4407.7	7.6
630.0	625.9	4.601	4.552	34.206	27.096	29.999	27.091	102.4	11.799	90.4	1478.6	4524.1	6.5
640.0	635.8	4.613	4.564	34.217	27.104	30.052	27.098	101.8	11.901	90.4	1478.8	4641.5	8.8
650.0	645.7	4.587	4.537	34.229	27.117	30.111	27.111	100.7	12.002	90.4	1478.9	4760.0	21.1
660.0	655.6	4.559	4.508	34.240	27.128	30.169	27.122	99.7	12.102	90.3	1479.0	4879.4	4.4
670.0	665.5	4.522	4.471	34.245	27.136	30.223	27.131	99.0	12.201	90.3	1479.0	4999.8	12.9
680.0	675.4	4.495	4.443	34.253	27.145	30.278	27.139	98.2	12.300	90.3	1479.0	5121.2	8.0
690.0	685.3	4.486	4.433	34.262	27.154	30.333	27.148	97.5	12.398	90.3	1479.2	5243.5	13.2
700.0	695.2	4.460	4.407	34.279	27.170	30.395	27.164	96.0	12.494	90.3	1479.3	5366.8	11.5
710.0	705.1	4.450	4.396	34.282	27.173	30.444	27.167	95.8	12.590	90.3	1479.4	5491.1	1.0
720.0	715.0	4.444	4.389	34.284	27.176	30.493	27.170	95.6	12.686	90.3	1479.5	5616.3	2.7
730.0	724.9	4.409	4.353	34.290	27.184	30.548	27.178	94.9	12.781	90.3	1479.6	5742.4	25.6
740.0	734.8	4.378	4.322	34.303	27.198	30.607	27.192	93.7	12.875	90.3	1479.6	5869.4	5.7
750.0	744.7	4.342	4.285	34.316	27.212	30.668	27.206	92.3	12.968	90.2	1479.6	5997.4	8.0
760.0	754.7	4.321	4.263	34.323	27.220	30.722	27.214	91.6	13.060	90.2	1479.7	6126.3	5.7
770.0	764.5	4.294	4.236	34.332	27.230	30.778	27.224	90.8	13.152	90.2	1479.8	6256.1	8.0
780.0	774.5	4.296	4.237	34.345	27.240	30.834	27.234	89.9	13.242	90.3	1480.0	6386.8	3.9
790.0	784.3	4.282	4.222	34.349	27.245	30.885	27.239	89.5	13.332	90.2	1480.1	6518.4	13.0
800.0	794.3	4.265	4.204	34.358	27.254	30.940	27.248	88.8	13.421	90.2	1480.2	6650.8	15.1
810.0	804.2	4.252	4.190	34.366	27.262	30.993	27.255	88.1	13.509	90.2	1480.3	6784.1	11.0
820.0	814.1	4.218	4.155	34.371	27.270	31.048	27.263	87.4	13.597	90.3	1480.3	6918.3	7.5
830.0	824.0	4.203	4.140	34.381	27.279	31.103	27.273	86.6	13.684	90.2	1480.5	7053.3	3.1
840.0	833.9	4.204	4.140	34.382	27.280	31.150	27.274	86.6	13.770	90.2	1480.6	7189.2	8.4
850.0	843.8	4.135	4.071	34.385	27.290	31.206	27.283	85.7	13.856	90.3	1480.5	7326.0	9.2
860.0	853.7	4.129	4.064	34.394	27.297	31.260	27.291	85.0	13.942	90.2	1480.7	7463.5	5.4
870.0	863.5	4.115	4.049	34.404	27.307	31.315	27.300	84.2	14.026	90.2	1480.8	7601.9	11.9
880.0	873.5	4.074	4.008	34.407	27.314	31.368	27.307	83.6	14.110	90.3	1480.8	7741.2	13.3
890.0	883.3	4.046	3.979	34.412	27.321	31.421	27.314	83.0	14.193	90.2	1480.8	7881.2	2.2
900.0	893.2	4.041	3.973	34.419	27.326	31.473	27.319	82.5	14.276	90.2	1481.0	8022.1	6.6
910.0	903.1	4.022	3.954	34.424	27.333	31.526	27.326	81.9	14.358	90.3	1481.1	8163.8	3.4
920.0	913.0	3.980	3.911	34.426	27.339	31.578	27.331	81.4	14.440	90.3	1481.1	8306.3	4.0
930.0	922.9	3.965	3.895	34.428	27.342	31.627	27.335	81.2	14.521	90.3	1481.2	8449.5	.8
940.0	932.8	3.949	3.878	34.434	27.348	31.680	27.341	80.6	14.602	90.3	1481.3	8593.6	4.3
950.0	942.7	3.934	3.863	34.437	27.352	31.730	27.345	80.3	14.683	90.3	1481.4	8738.5	3.7
960.0	952.6	3.925	3.853	34.445	27.360	31.783	27.352	79.7	14.763	90.3	1481.5	8884.1	9.9
970.0	962.5	3.901	3.829	34.449	27.365	31.834	27.358	79.2	14.843	90.3	1481.6	9030.6	12.5
980.0	972.4	3.859	3.786	34.451	27.371	31.887	27.364	78.7	14.922	90.2	1481.6	9177.8	4.3
990.0	982.3	3.805	3.732	34.449	27.375	31.938	27.368	78.2	15.000	90.3	1481.5	9325.8	7.8

Station 6 Latitude 32° 10.93'N Longitude 127° 04.98'W 26 Apr 1991 GMT 22:34 Bottom 4100 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.787	3.713	34.454	27.381	31.990	27.374	77.7	15.078	90.3	1481.6	9474.5	1.1
1020.0	1012.0	3.742	3.667	34.459	27.390	32.091	27.382	77.0	15.233	90.2	1481.8	9774.3	9.9
1040.0	1031.7	3.682	3.606	34.467	27.402	32.196	27.395	75.8	15.385	90.2	1481.8	10077.1	2.0
1060.0	1051.5	3.636	3.558	34.475	27.413	32.299	27.406	74.9	15.536	90.2	1482.0	10382.8	4.9
1080.0	1071.3	3.587	3.508	34.480	27.422	32.401	27.414	74.1	15.685	90.3	1482.1	10691.5	5.2
1100.0	1091.1	3.543	3.462	34.487	27.432	32.503	27.424	73.2	15.832	90.3	1482.3	11003.1	9.6
1120.0	1110.8	3.496	3.414	34.492	27.440	32.604	27.433	72.5	15.978	90.3	1482.4	11317.6	2.0
1140.0	1130.6	3.463	3.381	34.497	27.448	32.704	27.440	71.8	16.122	90.3	1482.6	11634.8	5.0
1160.0	1150.4	3.412	3.329	34.502	27.457	32.805	27.449	71.0	16.265	90.3	1482.7	11954.9	5.0
1180.0	1170.1	3.364	3.279	34.508	27.466	32.907	27.458	70.1	16.406	90.3	1482.9	12277.8	7.0
1200.0	1189.9	3.342	3.256	34.511	27.471	33.003	27.463	69.8	16.546	90.3	1483.1	12603.4	1.8
1220.0	1209.6	3.297	3.210	34.516	27.479	33.104	27.471	69.1	16.685	90.3	1483.3	12931.7	3.8
1240.0	1229.4	3.260	3.171	34.518	27.484	33.201	27.476	68.6	16.822	90.3	1483.4	13262.7	.6
1260.0	1249.2	3.241	3.150	34.520	27.488	33.296	27.480	68.4	16.959	90.3	1483.7	13596.4	1.2
1280.0	1268.9	3.217	3.125	34.523	27.493	33.393	27.484	68.0	17.095	90.3	1483.9	13932.7	3.0
1300.0	1288.7	3.178	3.085	34.526	27.499	33.491	27.490	67.5	17.231	90.3	1484.1	14271.8	2.1
1320.0	1308.4	3.147	3.052	34.528	27.503	33.588	27.495	67.1	17.365	90.3	1484.3	14613.4	4.5
1340.0	1328.2	3.088	2.993	34.532	27.513	33.689	27.504	66.2	17.498	90.3	1484.4	14957.7	2.1
1360.0	1347.9	3.049	2.952	34.537	27.520	33.789	27.511	65.5	17.630	90.3	1484.5	15304.5	1.9
1380.0	1367.7	3.001	2.903	34.540	27.527	33.888	27.518	64.9	17.760	90.3	1484.7	15653.9	3.3
1400.0	1387.4	2.956	2.857	34.544	27.534	33.988	27.525	64.2	17.890	90.3	1484.8	16005.8	4.5
1420.0	1407.1	2.935	2.834	34.545	27.537	34.083	27.528	63.9	18.018	90.3	1485.1	16360.2	1.6
1440.0	1426.9	2.902	2.800	34.549	27.543	34.181	27.534	63.4	18.145	90.3	1485.3	16717.1	3.9
1460.0	1446.6	2.887	2.784	34.551	27.546	34.275	27.537	63.2	18.272	90.3	1485.5	17076.5	.2
1480.0	1466.3	2.843	2.739	34.554	27.552	34.374	27.543	62.6	18.397	90.4	1485.7	17438.3	3.7
1500.0	1486.1	2.805	2.699	34.556	27.558	34.472	27.549	62.1	18.522	90.3	1485.8	17802.5	2.2
1520.0	1505.8	2.789	2.682	34.560	27.562	34.567	27.553	61.7	18.646	90.3	1486.1	18169.2	2.2
1540.0	1525.5	2.762	2.653	34.563	27.567	34.664	27.557	61.3	18.769	90.4	1486.3	18538.3	1.7
1560.0	1545.3	2.728	2.618	34.565	27.572	34.761	27.563	60.8	18.891	90.3	1486.5	18909.7	2.0
1580.0	1565.0	2.700	2.589	34.567	27.576	34.857	27.567	60.5	19.013	90.3	1486.7	19283.6	4.9
1600.0	1584.7	2.670	2.558	34.570	27.581	34.953	27.571	60.0	19.133	90.4	1486.9	19659.7	4.3
1620.0	1604.4	2.646	2.532	34.573	27.586	35.049	27.576	59.7	19.253	90.3	1487.2	20038.2	3.2
1640.0	1624.2	2.615	2.500	34.575	27.590	35.145	27.580	59.2	19.372	90.4	1487.4	20419.1	3.2
1660.0	1643.9	2.593	2.477	34.577	27.594	35.241	27.584	58.9	19.490	90.4	1487.6	20802.2	3.2
1680.0	1663.6	2.562	2.444	34.580	27.599	35.337	27.589	58.5	19.607	90.4	1487.8	21187.6	3.2
1700.0	1683.3	2.532	2.413	34.583	27.604	35.434	27.594	58.0	19.724	90.4	1488.0	21575.3	2.9
1720.0	1703.0	2.499	2.379	34.584	27.608	35.530	27.598	57.6	19.839	90.4	1488.2	21965.2	-.9
1740.0	1722.7	2.475	2.353	34.587	27.612	35.626	27.602	57.2	19.954	90.4	1488.5	22357.3	7.1
1760.0	1742.4	2.453	2.330	34.589	27.616	35.721	27.605	56.9	20.068	90.4	1488.7	22751.7	.6
1780.0	1762.1	2.428	2.304	34.591	27.619	35.816	27.609	56.5	20.182	90.4	1488.9	23148.3	.9
1800.0	1781.8	2.404	2.279	34.593	27.623	35.911	27.612	56.2	20.294	90.4	1489.2	23547.1	.7
1820.0	1801.5	2.372	2.246	34.596	27.628	36.008	27.618	55.7	20.406	90.4	1489.4	23948.0	.7
1840.0	1821.2	2.341	2.213	34.598	27.633	36.105	27.622	55.2	20.517	90.4	1489.6	24351.1	1.9
1860.0	1840.9	2.313	2.184	34.601	27.637	36.201	27.627	54.8	20.627	90.4	1489.8	24756.3	2.4
1880.0	1860.6	2.280	2.150	34.603	27.642	36.297	27.631	54.4	20.736	90.4	1490.0	25163.7	3.0
1900.0	1880.3	2.251	2.119	34.606	27.646	36.393	27.636	53.9	20.844	90.4	1490.2	25573.1	3.1
1920.0	1900.0	2.209	2.076	34.610	27.653	36.492	27.642	53.1	20.951	90.4	1490.3	25984.6	-.7
1940.0	1919.7	2.204	2.070	34.610	27.653	36.583	27.642	53.2	21.058	90.4	1490.7	26398.2	4.8
1960.0	1939.4	2.169	2.033	34.613	27.659	36.681	27.648	52.6	21.163	90.4	1490.8	26813.9	1.6
1980.0	1959.1	2.148	2.010	34.615	27.663	36.776	27.652	52.3	21.268	90.4	1491.1	27231.5	5.2
2000.0	1978.8	2.124	1.986	34.617	27.666	36.870	27.655	51.9	21.372	90.4	1491.3	27651.2	1.4
2050.0	2028.0	2.079	1.937	34.622	27.674	37.105	27.663	51.2	21.630	90.4	1492.0	28709.2	1.4
2100.0	2077.2	2.051	1.905	34.625	27.679	37.336	27.667	50.9	21.886	90.4	1492.7	29779.5	2.3
2102.0	2079.1	2.048	1.902	34.625	27.679	37.346	27.668	50.8	21.896	90.4	1492.7	29822.6	.0

Station 7 Latitude 32° 15.29'N Longitude 127° 12.05'W 26 Apr 1991 GMT :42 Bottom 1500 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.302	15.302	33.210	24.527	24.527	24.527	339.8	.000	89.6	1506.2	.0	.0
10.0	10.0	15.271	15.270	33.208	24.533	24.577	24.532	339.6	.340	89.6	1506.2	1.7	9.5
20.0	19.9	15.102	15.099	33.205	24.568	24.656	24.567	336.6	.678	89.6	1505.8	6.8	50.2
30.0	29.9	14.785	14.780	33.194	24.628	24.761	24.627	331.1	1.012	89.6	1505.0	15.2	40.2
40.0	39.8	14.676	14.670	33.186	24.645	24.822	24.644	329.7	1.342	89.6	1504.8	26.9	25.3
50.0	49.8	14.553	14.546	33.187	24.673	24.894	24.671	327.4	1.670	89.7	1504.5	41.9	17.6
60.0	59.8	14.688	14.680	33.255	24.696	24.961	24.694	325.5	1.997	89.6	1505.2	60.2	19.1
70.0	69.7	14.354	14.344	33.185	24.714	25.024	24.712	324.0	2.321	89.4	1504.2	81.7	11.5
80.0	79.7	14.228	14.217	33.183	24.739	25.094	24.737	321.9	2.645	89.1	1504.0	106.4	47.5
90.0	89.7	13.894	13.881	33.147	24.781	25.180	24.778	318.2	2.965	88.4	1503.0	134.4	43.0
100.0	99.6	13.399	13.385	33.130	24.869	25.313	24.866	310.0	3.280	89.2	1501.5	165.4	109.4
110.0	109.6	12.688	12.674	33.111	24.994	25.485	24.992	298.2	3.586	89.6	1499.2	199.6	149.1
120.0	119.5	12.068	12.053	33.082	25.091	25.627	25.088	289.1	3.879	89.8	1497.2	236.8	97.2
130.0	129.5	11.410	11.394	33.139	25.257	25.839	25.254	273.4	4.160	89.9	1495.2	276.8	186.6
140.0	139.4	10.789	10.772	33.127	25.358	25.987	25.355	263.8	4.426	90.1	1493.1	319.5	39.5
150.0	149.4	10.609	10.591	33.193	25.441	26.116	25.438	256.1	4.688	90.1	1492.7	364.9	239.8
160.0	159.3	10.150	10.132	33.293	25.597	26.319	25.594	241.4	4.935	90.1	1491.3	412.8	112.3
170.0	169.3	9.855	9.836	33.326	25.673	26.440	25.669	234.4	5.173	90.2	1490.5	463.0	25.9
180.0	179.2	9.748	9.727	33.350	25.709	26.522	25.706	231.0	5.405	90.3	1490.3	515.6	90.9
190.0	189.2	9.456	9.435	33.432	25.821	26.680	25.818	220.5	5.631	90.3	1489.5	570.5	80.9
200.0	199.1	9.193	9.171	33.527	25.938	26.843	25.935	209.5	5.848	90.3	1488.8	627.6	132.7
210.0	209.0	8.895	8.873	33.680	26.105	27.056	26.101	193.8	6.049	90.3	1488.0	686.7	87.3
220.0	219.0	8.794	8.771	33.756	26.180	27.177	26.176	186.8	6.239	90.3	1487.9	747.8	67.3
230.0	228.9	8.702	8.678	33.862	26.278	27.320	26.274	177.8	6.422	90.3	1487.9	810.7	57.1
240.0	238.9	8.601	8.576	33.898	26.322	27.410	26.318	173.7	6.598	90.3	1487.7	875.4	23.7
250.0	248.8	8.466	8.440	33.957	26.389	27.523	26.385	167.5	6.769	90.3	1487.4	941.8	56.5
260.0	258.7	8.370	8.343	33.977	26.420	27.599	26.416	164.7	6.936	90.3	1487.2	1009.9	75.5
270.0	268.7	8.241	8.214	33.996	26.454	27.679	26.450	161.6	7.098	90.4	1486.9	1079.6	2.0
280.0	278.6	8.221	8.193	34.000	26.460	27.731	26.456	161.2	7.259	90.3	1487.0	1150.9	4.0
290.0	288.5	7.929	7.900	34.002	26.505	27.823	26.501	156.9	7.418	90.4	1486.1	1223.8	1.6
300.0	298.5	7.809	7.779	34.000	26.521	27.885	26.517	155.5	7.575	90.4	1485.8	1298.3	6.6
310.0	308.4	7.694	7.664	34.003	26.540	27.950	26.535	153.8	7.729	90.3	1485.5	1374.3	30.6
320.0	318.3	7.490	7.459	34.000	26.567	28.025	26.563	151.2	7.882	90.5	1484.9	1451.8	12.4
330.0	328.3	7.339	7.308	34.004	26.592	28.095	26.587	149.0	8.032	90.5	1484.4	1530.8	12.1
340.0	338.2	7.246	7.213	34.006	26.607	28.157	26.602	147.7	8.181	90.5	1484.2	1611.3	40.5
350.0	348.1	7.175	7.142	34.018	26.626	28.222	26.621	146.0	8.328	90.5	1484.1	1693.3	28.8
360.0	358.0	6.886	6.852	34.001	26.652	28.296	26.648	143.4	8.472	90.5	1483.2	1776.7	10.8
370.0	368.0	6.834	6.800	34.010	26.666	28.356	26.662	142.1	8.615	90.5	1483.1	1861.5	21.7
380.0	377.9	6.752	6.717	34.017	26.683	28.419	26.678	140.7	8.756	90.5	1483.0	1947.7	21.7
390.0	387.8	6.656	6.621	34.014	26.694	28.476	26.689	139.7	8.896	90.5	1482.8	2035.3	17.0
400.0	397.7	6.471	6.436	34.013	26.717	28.546	26.712	137.6	9.035	90.5	1482.2	2124.3	2.0
410.0	407.7	6.461	6.424	34.032	26.733	28.609	26.729	136.1	9.172	90.5	1482.3	2214.6	26.6
420.0	417.6	6.306	6.269	34.025	26.748	28.671	26.744	134.7	9.307	90.5	1481.9	2306.3	11.1
430.0	427.5	6.174	6.136	34.024	26.764	28.734	26.759	133.2	9.441	90.5	1481.5	2399.3	28.9
440.0	437.4	6.034	5.996	34.031	26.787	28.804	26.783	131.0	9.573	90.5	1481.1	2493.7	9.8
450.0	447.4	5.968	5.930	34.035	26.799	28.862	26.794	130.0	9.704	90.6	1481.0	2589.3	9.3
460.0	457.3	5.853	5.813	34.041	26.818	28.928	26.813	128.2	9.833	90.6	1480.7	2686.2	14.2
470.0	467.2	5.801	5.761	34.042	26.825	28.981	26.820	127.6	9.961	90.5	1480.7	2784.4	8.9
480.0	477.1	5.714	5.674	34.053	26.844	29.047	26.840	125.8	10.088	90.6	1480.5	2883.9	31.8
490.0	487.0	5.636	5.595	34.059	26.859	29.108	26.854	124.5	10.213	90.5	1480.4	2984.6	6.0
500.0	497.0	5.579	5.537	34.064	26.871	29.166	26.865	123.5	10.337	90.5	1480.3	3086.5	17.7
510.0	506.9	5.464	5.422	34.073	26.892	29.234	26.886	121.5	10.459	90.6	1480.0	3189.6	8.9
520.0	516.8	5.367	5.324	34.084	26.911	29.301	26.906	119.6	10.580	90.5	1479.8	3293.9	16.2
530.0	526.7	5.276	5.233	34.090	26.927	29.363	26.922	118.1	10.698	90.5	1479.6	3399.4	13.3
540.0	536.6	5.210	5.167	34.096	26.939	29.422	26.934	117.0	10.816	90.5	1479.5	3506.1	12.7
550.0	546.5	5.175	5.131	34.116	26.959	29.488	26.954	115.2	10.932	90.5	1479.5	3613.9	13.3
560.0	556.5	5.068	5.023	34.126	26.980	29.556	26.975	113.2	11.047	90.5	1479.3	3722.9	11.2
570.0	566.4	4.992	4.946	34.142	27.001	29.624	26.996	111.3	11.159	90.4	1479.1	3833.0	8.0
580.0	576.3	4.901	4.856	34.156	27.023	29.693	27.017	109.2	11.269	90.4	1479.0	3944.2	1.8
590.0	586.2	4.866	4.819	34.163	27.033	29.749	27.028	108.3	11.378	90.4	1479.0	4056.4	11.8
600.0	596.1	4.758	4.711	34.164	27.045	29.809	27.040	107.1	11.485	90.4	1478.7	4169.7	10.0
610.0	606.0	4.754	4.706	34.181	27.059	29.869	27.054	105.9	11.592	90.4	1478.9	4284.1	17.0
620.0	615.9	4.732	4.684	34.192	27.071	29.926	27.065	104.9	11.697	90.4	1479.0	4399.5	15.9
630.0	625.8	4.693	4.644	34.201	27.082	29.983	27.076	103.9	11.801	90.4	1479.0	4516.0	10.0
640.0	635.8	4.664	4.614	34.208	27.091	30.039	27.085	103.1	11.905	90.4	1479.0	4633.4	23.5
650.0	645.7	4.621	4.570	34.225	27.109	30.103	27.103	101.5	12.007	90.3	1479.0	4751.9	5.0
660.0	655.6	4.581	4.530	34.237	27.123	30.164	27.118	100.1	12.107	90.3	1479.0	4871.4	9.4
670.0	665.5	4.525	4.473	34.249	27.139	30.226	27.133	98.7	12.207	90.3	1479.0	4991.8	23.2
680.0	675.4	4.528	4.476	34.267	27.153	30.285	27.147	97.5	12.305	90.3	1479.2	5113.3	10.0
690.0	685.3	4.470	4.417	34.274	27.165	30.344	27.159	96.4	12.402	90.3	1479.1	5235.7	14.7
700.0	695.2	4.489	4.435	34.297	27.181	30.406	27.175	95.0	12.498	90.3	1479.4	5359.0	16.5
710.0	705.1	4.467	4.412	34.303	27.188	30.459	27.183	94.4	12.592	90.3	1479.5	5483.3	5.9
720.0	715.0	4.446	4.391	34.312	27.198	30.514	27.191	93.6	12.686	90.3	1479.6	5608.5	9.8
730.0	724.9	4.412	4.356	34.321	27.208	30.572	27.202	92.6	12.780	90.3	1479.6	5734.6	8.9
740.0	734.8	4.389	4.332	34.325	27.215	30.624	27.208	92.1	12.872	90.4	1479.7	5861.6	6.5
750.0	744.7	4.382	4.325	34.336	27.224	30.679	27.218	91.3	12.964	90.3	1479.8	5989.6	9.5
760.0	754.6	4.326	4.268	34.349	27.241	30.742	27.235	89.8	13.054	90.3	1479.8	6118.4	4.5
770.0	764.5	4.309	4.251	34.354	27.246	30.794	27.240	89.3	13.144	90.2	1479.9	6248.1	17.4
780.0	774.5	4.293	4.234	34.359	27.252	30.846	27.246	88.8	13.233	90.3	1480.0	6378.7	13.0
790.0	784.3	4.246	4.186	34.367	27.264	30.904	27.257	87.7	13.321	90.3	1480.0	6510.2	8.0
800.0	794.3	4.185	4.125	34.371	27.273	30.960	27.267	86.8	13.408	90.2	1479.9	6642.5	6.8
810.0	804.2	4.142	4.082	34.377	27.282	31.016	27.276	86.0	13.495	90.2	1479.9	6775.7	5.1
820.0	814.0	4.103	4.041	34.385	27.293	31.073	27.286	85.0	13.580	90.2	1479.9	6909.7	3.9
830.0	824.0	4.078	4.016	34.389	27.299	31.125	27.292	84.5	13.665	90.2	1479.9	7044.6	6.0
840.0	833.8	4.069	4.006	34.391	27.301	31.173	27.294	84.4	13.750	90.2	1480.1	7180.2	7.2
850.0	843.8	4.054	3.990	34.395	27.306	31.224	27.299	84.0	13.834	90.3	1480.2	7316.8	3.6
860.0	853.7	4.027	3.963	34.404	27.316	31.280	27.309	83.1	13.917	90.2	1480.2	7454.1	3.1
870.0	863.5	4.018	3.954	34.408	27.320	31.331	27.314	82.8	14.000	90.3	1480.4	7592.3	2.5
880.0	873.4	3.990	3.924	34.415	27.328	31.385	27.322	82.0	14.083	90.2	1480.4	7731.2	12.2
890.0	883.3	3.969	3.902	34.420	27.335	31.438	27.329	81.4	14.164	90.3	1480.5	7871.0	7.5
900.0	893.2	3.956	3.889	34.426	27.341	31.489	27.334	81.0	14.246	90.3	1480.6	8011.6	5.1
910.0	903.1	3.943	3.875	34.429	27.345	31.539	27.338	80.7	14.326	90.2	1480.7	8152.9	-.1
920.0	913.0	3.928	3.859	34.432	27.348	31.589	27.342	80.4	14.407	90.2	1480.9	8295.1	7.5
930.0	922.9	3.912	3.843	34.434	27.352	31.638	27.345	80.1	14.487	90.2	1481.0	8438.0	1.1
940.0	932.8	3.884	3.814	34.434	27.355	31.688	27.348	79.8	14.567	90.2	1481.0	8581.8	6.6
950.0	942.7	3.850	3.780	34.440	27.363	31.743	27.356	79.1	14.646	90.2	1481.0	8726.3	4.3
960.0	952.6	3.828	3.757	34.443	27.368	31.794	27.361	78.7	14.725	90.2	1481.1	8871.5	5.5
970.0	962.5	3.798	3.726	34.445	27.373	31.845	27.366	78.2	14.804	90.2	1481.1	9017.6	8.1
980.0	972.4	3.754	3.681	34.452	27.383	31.901	27.376	77.3	14.882	90.2	1481.1	9164.4	12.8
990.0	982.3	3.742	3.669	34.455	27.386	31.950	27.379	77.1	14.959	90.2	1481.3	9312.0	6.9

Station	7	Latitude	32° 15.29'N		Longitude	127° 12.05'W		26 Apr 1991 GMT	:42		Bottom	1500 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-θ	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	SV	TF	N^2
db	m	°C	°C	0/00	kg/m^3	kg/m^3	kg/m^3	10^8m^3/kg	J/kg	0/0	m/s	m^3/s^2	10^6/s^2
1000.0	992.2	3.715	3.641	34.463	27.395	32.006	27.388	76.2	15.035	90.2	1481.3	9460.3	2.0
1020.0	1011.9	3.683	3.608	34.467	27.402	32.105	27.395	75.7	15.187	90.3	1481.5	9759.2	2.3
1040.0	1031.7	3.634	3.558	34.473	27.411	32.207	27.404	74.8	15.338	90.2	1481.6	10061.1	1.4
1060.0	1051.5	3.596	3.519	34.480	27.421	32.309	27.414	74.0	15.486	90.3	1481.8	10365.9	11.1
1080.0	1071.3	3.547	3.468	34.486	27.431	32.411	27.423	73.1	15.633	90.2	1482.0	10673.6	2.0
1100.0	1091.0	3.510	3.431	34.491	27.438	32.510	27.430	72.5	15.779	90.3	1482.1	10984.1	-.6
1120.0	1110.8	3.478	3.397	34.495	27.445	32.609	27.437	72.0	15.924	90.3	1482.3	11297.5	.3
1140.0	1130.6	3.438	3.355	34.501	27.454	32.710	27.446	71.2	16.067	90.3	1482.5	11613.7	1.1
1160.0	1150.3	3.403	3.319	34.502	27.458	32.806	27.450	70.8	16.209	90.2	1482.7	11932.7	-1.2
1180.0	1170.1	3.362	3.277	34.509	27.467	32.908	27.459	70.0	16.350	90.2	1482.9	12254.4	5.0
1200.0	1189.9	3.312	3.226	34.515	27.477	33.010	27.469	69.1	16.489	90.3	1483.0	12578.9	6.4
1220.0	1209.6	3.254	3.166	34.521	27.487	33.113	27.479	68.2	16.626	90.3	1483.1	12906.1	1.8
1240.0	1229.4	3.229	3.140	34.523	27.492	33.209	27.483	67.9	16.763	90.3	1483.3	13235.9	.9
1260.0	1249.1	3.186	3.096	34.525	27.497	33.307	27.489	67.3	16.898	90.3	1483.5	13568.4	7.6
1280.0	1268.9	3.147	3.056	34.530	27.505	33.407	27.497	66.6	17.032	90.3	1483.6	13903.6	4.1
1300.0	1288.7	3.116	3.023	34.532	27.509	33.503	27.501	66.3	17.165	90.3	1483.8	14241.3	4.7
1320.0	1308.4	3.098	3.004	34.535	27.513	33.599	27.504	66.0	17.297	90.3	1484.1	14581.6	4.2
1340.0	1328.2	3.063	2.968	34.538	27.519	33.697	27.511	65.5	17.429	90.3	1484.3	14924.5	4.5
1360.0	1347.9	3.031	2.934	34.542	27.526	33.795	27.517	64.9	17.559	90.4	1484.5	15269.9	2.4
1380.0	1367.6	2.976	2.878	34.546	27.534	33.896	27.525	64.2	17.688	90.3	1484.6	15617.9	5.1
1400.0	1387.4	2.943	2.844	34.548	27.538	33.993	27.529	63.7	17.816	90.3	1484.8	15968.4	-1.4
1420.0	1407.1	2.904	2.803	34.552	27.545	34.092	27.536	63.1	17.943	90.3	1484.9	16321.3	6.0
1440.0	1426.9	2.870	2.769	34.555	27.551	34.190	27.542	62.6	18.069	90.3	1485.1	16676.7	3.1
1460.0	1446.6	2.818	2.716	34.559	27.558	34.290	27.549	61.8	18.193	90.3	1485.2	17034.5	5.4
1480.0	1466.3	2.779	2.675	34.561	27.564	34.388	27.555	61.3	18.316	90.3	1485.4	17394.8	1.3
1490.0	1476.2	2.775	2.670	34.560	27.564	34.433	27.554	61.4	18.378	90.3	1485.6	17575.8	.0

Station 8 Latitude 32° 16.11'N Longitude 127° 14.95'W 26 Apr 1991 GMT 2:27 Bottom 1040 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.250	15.250	33.203	24.533	24.533	24.533	339.2	.000	87.1	1506.0	.0	.0
10.0	10.0	15.256	15.255	33.204	24.533	24.577	24.532	339.6	.339	89.7	1506.2	1.7	4.3
20.0	19.9	15.193	15.190	33.203	24.546	24.634	24.545	338.6	.679	89.6	1506.1	6.8	16.8
30.0	29.9	14.960	14.955	33.203	24.597	24.729	24.596	334.0	1.016	89.6	1505.5	15.2	68.3
40.0	39.8	14.792	14.786	33.207	24.637	24.813	24.635	330.6	1.348	89.6	1505.2	27.0	34.1
50.0	49.8	14.623	14.615	33.218	24.681	24.903	24.680	326.5	1.677	89.6	1504.8	42.1	97.3
60.0	59.8	14.420	14.411	33.221	24.727	24.993	24.726	322.5	2.001	89.7	1504.3	60.4	10.0
70.0	69.7	14.351	14.341	33.220	24.741	25.051	24.739	321.4	2.323	89.6	1504.3	81.9	15.6
80.0	79.7	14.267	14.256	33.230	24.767	25.121	24.764	319.3	2.644	89.4	1504.2	106.6	24.4
90.0	89.7	14.150	14.137	33.231	24.792	25.191	24.789	317.1	2.962	88.8	1503.9	134.6	45.7
100.0	99.6	13.307	13.293	33.158	24.909	25.353	24.906	306.2	3.276	89.2	1501.2	165.6	188.5
110.0	109.6	12.796	12.781	33.112	24.974	25.464	24.971	300.1	3.578	89.5	1499.6	199.7	186.0
120.0	119.5	11.212	11.197	33.044	25.218	25.756	25.215	276.8	3.864	89.8	1494.2	236.8	142.7
130.0	129.5	10.824	10.808	33.149	25.369	25.953	25.366	262.6	4.135	89.8	1493.1	276.6	179.8
140.0	139.4	10.153	10.137	33.181	25.509	26.140	25.507	249.3	4.391	90.2	1490.9	319.0	122.0
150.0	149.4	9.991	9.974	33.331	25.654	26.330	25.651	235.7	4.634	90.2	1490.7	363.9	217.1
160.0	159.3	9.811	9.793	33.365	25.710	26.433	25.707	230.5	4.867	90.2	1490.2	411.2	159.4
170.0	169.3	9.367	9.348	33.386	25.799	26.568	25.796	222.2	5.093	90.2	1488.7	460.7	87.6
180.0	179.2	9.112	9.093	33.510	25.938	26.752	25.934	209.2	5.307	90.3	1488.1	512.5	70.3
190.0	189.1	8.977	8.957	33.572	26.007	26.867	26.004	202.7	5.513	90.2	1487.9	566.2	88.4
200.0	199.1	8.784	8.763	33.692	26.132	27.038	26.128	191.0	5.710	90.2	1487.5	622.0	152.5
210.0	209.0	8.719	8.697	33.797	26.223	27.175	26.220	182.5	5.896	90.2	1487.5	679.7	77.9
220.0	219.0	8.653	8.630	33.861	26.284	27.282	26.281	176.9	6.075	90.2	1487.5	739.2	45.7
230.0	228.9	8.633	8.609	33.915	26.330	27.373	26.326	172.8	6.250	90.3	1487.7	800.5	43.3
240.0	238.8	8.572	8.547	33.939	26.358	27.446	26.354	170.3	6.421	90.3	1487.6	863.4	25.2
250.0	248.8	8.434	8.409	33.967	26.402	27.535	26.398	166.3	6.589	90.3	1487.3	928.1	25.7
260.0	258.7	8.304	8.277	33.982	26.433	27.613	26.429	163.4	6.754	90.4	1487.0	994.3	22.8
270.0	268.6	8.205	8.178	33.989	26.454	27.679	26.449	161.6	6.917	90.4	1486.8	1062.2	39.8
280.0	278.6	7.967	7.939	33.997	26.495	27.768	26.491	157.7	7.076	90.3	1486.0	1131.7	62.3
290.0	288.5	7.811	7.782	34.002	26.522	27.841	26.518	155.2	7.232	90.3	1485.6	1202.8	12.5
300.0	298.4	7.608	7.579	34.007	26.555	27.921	26.551	152.1	7.386	90.3	1485.0	1275.4	27.4
310.0	308.4	7.424	7.394	34.002	26.578	27.990	26.574	150.0	7.537	90.4	1484.4	1349.5	10.0
320.0	318.3	7.302	7.271	34.003	26.596	28.055	26.592	148.4	7.686	90.4	1484.1	1425.1	30.5
330.0	328.2	7.083	7.052	34.006	26.628	28.134	26.624	145.3	7.832	90.4	1483.4	1502.1	22.3
340.0	338.2	6.835	6.804	34.009	26.665	28.218	26.661	141.8	7.976	90.4	1482.6	1580.6	32.8
350.0	348.1	6.708	6.676	34.008	26.681	28.281	26.677	140.3	8.117	90.4	1482.3	1660.5	8.5
360.0	358.0	6.575	6.543	34.012	26.702	28.348	26.698	138.4	8.256	90.4	1481.9	1741.8	13.4
370.0	367.9	6.448	6.415	34.015	26.721	28.414	26.717	136.7	8.394	90.4	1481.6	1824.4	28.0
380.0	377.9	6.335	6.302	34.019	26.739	28.479	26.735	135.0	8.530	90.5	1481.3	1908.4	20.4
390.0	387.8	6.246	6.212	34.020	26.751	28.538	26.747	133.9	8.665	90.5	1481.1	1993.7	33.3
400.0	397.7	6.120	6.085	34.027	26.773	28.606	26.769	131.9	8.797	90.5	1480.8	2080.4	22.4
410.0	407.6	6.038	6.003	34.028	26.784	28.664	26.780	130.9	8.929	90.5	1480.6	2168.3	4.8
420.0	417.6	5.939	5.903	34.035	26.803	28.729	26.798	129.2	9.059	90.5	1480.4	2257.6	26.2
430.0	427.5	5.837	5.800	34.043	26.822	28.795	26.817	127.4	9.187	90.5	1480.2	2348.1	17.7
440.0	437.4	5.747	5.710	34.053	26.840	28.860	26.836	125.7	9.314	90.6	1480.0	2439.9	14.8
450.0	447.3	5.723	5.685	34.052	26.843	28.908	26.838	125.6	9.440	90.6	1480.0	2533.0	8.6
460.0	457.3	5.647	5.609	34.059	26.858	28.970	26.853	124.2	9.565	90.6	1479.9	2627.2	10.1
470.0	467.2	5.574	5.535	34.068	26.874	29.032	26.869	122.7	9.688	90.6	1479.8	2722.7	19.7
480.0	477.1	5.453	5.414	34.075	26.894	29.099	26.889	120.9	9.810	90.5	1479.5	2819.4	36.1
490.0	487.0	5.372	5.332	34.089	26.915	29.167	26.910	118.9	9.930	90.6	1479.3	2917.3	16.5
500.0	496.9	5.275	5.234	34.107	26.941	29.240	26.936	116.5	10.048	90.6	1479.1	3016.4	6.8
510.0	506.9	5.233	5.192	34.121	26.956	29.302	26.951	115.1	10.164	90.6	1479.1	3116.7	24.1
520.0	516.8	5.158	5.116	34.138	26.979	29.371	26.974	113.0	10.278	90.6	1479.0	3218.0	12.4
530.0	526.7	5.130	5.087	34.145	26.987	29.425	26.982	112.3	10.390	90.6	1479.1	3320.5	14.1
540.0	536.6	5.027	4.984	34.147	27.001	29.486	26.996	111.0	10.502	90.6	1478.8	3424.1	25.8
550.0	546.5	4.948	4.904	34.152	27.014	29.546	27.009	109.7	10.612	90.6	1478.6	3528.8	5.9
560.0	556.4	4.880	4.836	34.157	27.026	29.605	27.021	108.7	10.721	90.5	1478.5	3634.5	18.5
570.0	566.3	4.821	4.777	34.170	27.042	29.668	27.038	107.1	10.829	90.6	1478.5	3741.3	14.4
580.0	576.3	4.776	4.731	34.183	27.058	29.730	27.053	105.7	10.935	90.6	1478.5	3849.2	11.4
590.0	586.2	4.727	4.681	34.195	27.073	29.792	27.068	104.3	11.040	90.5	1478.4	3958.1	9.7
600.0	596.1	4.713	4.666	34.206	27.083	29.847	27.078	103.4	11.144	90.5	1478.6	4068.1	11.7
610.0	606.0	4.649	4.602	34.213	27.096	29.907	27.091	102.3	11.247	90.5	1478.5	4179.1	10.0
620.0	615.9	4.719	4.671	34.243	27.113	29.968	27.107	100.9	11.349	90.4	1479.0	4291.0	7.4
630.0	625.8	4.699	4.650	34.250	27.121	30.022	27.115	100.3	11.449	90.5	1479.1	4404.0	7.7
640.0	635.7	4.668	4.618	34.258	27.130	30.077	27.124	99.5	11.549	90.4	1479.1	4518.0	8.0
650.0	645.6	4.648	4.597	34.271	27.143	30.136	27.137	98.3	11.648	90.4	1479.2	4632.9	5.0
660.0	655.5	4.581	4.530	34.277	27.154	30.195	27.149	97.2	11.746	90.4	1479.1	4748.8	15.3
670.0	665.5	4.559	4.508	34.288	27.166	30.252	27.160	96.2	11.843	90.3	1479.2	4865.7	12.1
680.0	675.4	4.520	4.468	34.293	27.174	30.307	27.169	95.5	11.939	90.4	1479.2	4983.5	10.0
690.0	685.3	4.487	4.434	34.299	27.183	30.362	27.177	94.7	12.033	90.3	1479.2	5102.2	10.3
700.0	695.2	4.458	4.404	34.309	27.194	30.419	27.188	93.8	12.128	90.3	1479.3	5221.9	15.3
710.0	705.1	4.421	4.366	34.317	27.204	30.476	27.198	92.8	12.221	90.3	1479.3	5342.5	5.1
720.0	715.0	4.389	4.333	34.321	27.211	30.529	27.205	92.2	12.314	90.3	1479.3	5464.0	5.6
730.0	724.9	4.366	4.311	34.327	27.218	30.582	27.212	91.6	12.406	90.3	1479.4	5586.4	4.5
740.0	734.8	4.364	4.307	34.331	27.222	30.631	27.215	91.4	12.497	90.3	1479.6	5709.8	4.5
750.0	744.7	4.351	4.294	34.338	27.229	30.685	27.223	90.8	12.588	90.3	1479.7	5834.0	.4
760.0	754.6	4.325	4.267	34.345	27.237	30.739	27.231	90.1	12.679	90.3	1479.8	5959.1	7.7
770.0	764.5	4.307	4.249	34.348	27.242	30.790	27.236	89.7	12.769	90.3	1479.9	6085.1	11.2
780.0	774.4	4.256	4.197	34.357	27.255	30.849	27.248	88.5	12.858	90.3	1479.8	6212.0	17.4
790.0	784.3	4.234	4.174	34.362	27.261	30.902	27.255	88.0	12.946	90.3	1479.9	6339.7	7.1
800.0	794.2	4.224	4.164	34.370	27.268	30.955	27.262	87.4	13.034	90.3	1480.0	6468.3	11.0
810.0	804.1	4.214	4.152	34.380	27.278	31.010	27.271	86.6	13.121	90.3	1480.2	6597.8	19.8
820.0	814.0	4.197	4.135	34.391	27.288	31.066	27.281	85.7	13.207	90.2	1480.3	6728.1	1.0
830.0	823.9	4.195	4.133	34.392	27.289	31.113	27.282	85.7	13.293	90.2	1480.4	6859.3	5.4
840.0	833.8	4.182	4.118	34.397	27.294	31.164	27.288	85.2	13.378	90.3	1480.6	6991.3	4.0
850.0	843.7	4.144	4.080	34.410	27.308	31.225	27.302	83.9	13.463	90.3	1480.6	7124.2	8.9
860.0	853.6	4.136	4.071	34.412	27.311	31.273	27.304	83.8	13.547	90.2	1480.7	7257.8	3.4
870.0	863.5	4.114	4.049	34.417	27.317	31.325	27.310	83.2	13.630	90.3	1480.8	7392.3	10.1
880.0	873.4	4.095	4.029	34.420	27.322	31.376	27.315	82.9	13.713	90.2	1480.9	7527.6	7.8
890.0	883.3	4.068	4.001	34.426	27.330	31.430	27.323	82.2	13.796	90.3	1480.9	7663.8	6.6
900.0	893.2	4.047	3.979	34.430	27.335	31.482	27.328	81.7	13.877	90.2	1481.0	7800.7	6.3
910.0	903.1	3.993	3.925	34.435	27.345	31.538	27.338	80.8	13.959	90.2	1481.0	7938.4	1.6
920.0	913.0	3.979	3.910	34.438	27.348	31.588	27.341	80.5	14.040	90.2	1481.1	8076.9	1.4
930.0	922.9	3.973	3.903	34.438	27.349	31.634	27.342	80.5	14.120	90.2	1481.2	8216.2	1.1
940.0	932.8	3.970	3.899	34.440	27.351	31.682	27.344	80.4	14.200	90.2	1481.4	8356.3	4.3
950.0	942.7	3.963	3.892	34.441	27.353	31.729	27.345	80.4	14.281	90.2	1481.5	8497.2	3.7
960.0	952.6	3.927	3.855	34.447	27.362	31.784	27.354	79.5	14.361	90.2	1481.5	8638.9	12.5
970.0	962.5	3.904	3.831	34.451	27.367	31.836	27.360	79.0	14.440	90.2	1481.6	8781.4	.8
980.0	972.3	3.851	3.778	34.461	27.380	31.896	27.373	77.8	14.519	90.2	1481.6	8924.6	6.9
990.0	982.2	3.803	3.729	34.468	27.391	31.954	27.383	76.8	14.596	90.2	1481.5	9068.6	1.1

Station 8 Latitude 32° 16.11'N Longitude 127° 14.95'W 26 Apr 1991 GMT 2:27 Bottom 1040 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.754	3.681	34.473	27.400	32.009	27.392	75.9	14.672	90.2	1481.5	9213.3	4.0
1020.0	1011.9	3.730	3.655	34.476	27.404	32.106	27.397	75.6	14.824	90.2	1481.7	9505.0	3.4
1030.0	1021.8	3.697	3.621	34.477	27.409	32.156	27.401	75.2	14.899	90.2	1481.8	9652.0	.0

Station 9 Latitude 32° 16.72'N Longitude 127° 17.70'W 26 Apr 1991 GMT 5:39 Bottom 2375 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	15.186	15.186	33.195	24.541	24.541	24.541	338.5	.000	87.2	1505.8	.0	.0
10.0	10.0	15.187	15.185	33.195	24.541	24.585	24.541	338.8	.339	89.6	1505.9	1.7	-2.2
20.0	19.9	15.184	15.181	33.194	24.542	24.630	24.541	339.0	.678	89.6	1506.1	6.7	7.5
30.0	29.9	14.713	14.709	33.195	24.644	24.776	24.643	329.6	1.014	89.7	1504.7	15.2	102.6
40.0	39.8	14.666	14.660	33.198	24.657	24.834	24.656	328.6	1.343	89.7	1504.8	26.9	27.6
50.0	49.8	14.534	14.527	33.200	24.687	24.908	24.685	326.0	1.670	89.7	1504.5	41.9	11.5
60.0	59.8	14.434	14.425	33.206	24.713	24.978	24.711	323.9	1.995	89.6	1504.3	60.2	3.6
70.0	69.7	14.402	14.392	33.208	24.722	25.031	24.720	323.3	2.318	89.6	1504.4	81.7	24.4
80.0	79.7	14.287	14.275	33.209	24.747	25.101	24.744	321.2	2.640	89.4	1504.2	106.4	8.5
90.0	89.7	14.233	14.220	33.225	24.771	25.169	24.768	319.2	2.961	89.1	1504.2	134.2	10.3
100.0	99.6	13.998	13.984	33.217	24.814	25.257	24.811	315.3	3.279	89.1	1503.6	165.3	56.8
110.0	109.6	12.949	12.934	33.141	24.967	25.457	24.964	300.8	3.587	89.4	1500.2	199.5	80.3
120.0	119.5	11.863	11.847	33.084	25.130	25.667	25.128	285.3	3.880	89.7	1496.5	236.7	169.4
130.0	129.5	11.303	11.287	33.054	25.209	25.792	25.206	277.9	4.163	89.8	1494.7	276.7	90.3
140.0	139.4	10.742	10.725	33.112	25.354	25.984	25.351	264.2	4.434	90.0	1492.9	319.5	49.8
150.0	149.4	10.213	10.196	33.144	25.470	26.146	25.467	253.2	4.692	90.1	1491.2	364.9	95.9
160.0	159.3	9.987	9.969	33.304	25.633	26.355	25.631	237.9	4.938	90.2	1490.8	412.8	99.7
170.0	169.3	9.702	9.683	33.422	25.773	26.540	25.769	224.8	5.169	90.2	1490.0	463.1	158.5
180.0	179.2	9.356	9.336	33.476	25.872	26.686	25.869	215.5	5.389	90.3	1489.0	515.6	73.8
190.0	189.2	9.141	9.120	33.542	25.958	26.818	25.955	207.4	5.600	90.2	1488.4	570.2	21.7
200.0	199.1	8.939	8.918	33.605	26.039	26.945	26.036	199.9	5.804	90.2	1487.9	626.9	62.4
210.0	209.0	8.823	8.801	33.691	26.125	27.076	26.122	191.9	6.000	90.3	1487.8	685.6	70.3
220.0	219.0	8.729	8.706	33.811	26.233	27.230	26.230	181.8	6.186	90.3	1487.7	746.2	33.1
230.0	228.9	8.685	8.661	33.848	26.269	27.312	26.266	178.5	6.367	90.2	1487.8	808.5	67.3
240.0	238.9	8.577	8.552	33.902	26.328	27.416	26.324	173.1	6.542	90.2	1487.6	872.7	81.1
250.0	248.8	8.409	8.383	33.971	26.408	27.542	26.404	165.6	6.711	90.4	1487.2	938.5	31.9
260.0	258.7	8.264	8.238	33.984	26.440	27.621	26.436	162.7	6.874	90.3	1486.8	1006.0	26.6
270.0	268.7	8.076	8.049	33.991	26.474	27.701	26.470	159.5	7.036	90.4	1486.3	1075.1	20.1
280.0	278.6	7.904	7.876	33.996	26.504	27.777	26.500	156.8	7.193	90.4	1485.8	1145.8	5.7
290.0	288.5	7.676	7.648	34.000	26.541	27.860	26.536	153.4	7.349	90.4	1485.1	1218.0	40.8
300.0	298.5	7.476	7.447	34.001	26.570	27.937	26.566	150.6	7.502	90.4	1484.5	1291.7	44.9
310.0	308.4	7.322	7.293	34.001	26.592	28.005	26.587	148.7	7.651	90.4	1484.0	1367.0	15.0
320.0	318.3	7.185	7.155	34.001	26.611	28.070	26.607	146.9	7.799	90.4	1483.7	1443.7	9.4
330.0	328.2	7.026	6.995	34.007	26.638	28.144	26.633	144.4	7.944	90.4	1483.2	1521.8	15.5
340.0	338.2	6.922	6.891	34.006	26.651	28.204	26.647	143.2	8.088	90.4	1483.0	1601.4	43.9
350.0	348.1	6.700	6.668	34.008	26.682	28.282	26.678	140.3	8.229	90.4	1482.3	1682.4	11.7
360.0	358.0	6.643	6.611	34.007	26.689	28.335	26.685	139.7	8.369	90.4	1482.2	1764.8	52.1
370.0	368.0	6.430	6.397	34.010	26.719	28.413	26.715	136.8	8.507	90.4	1481.5	1848.6	12.8
380.0	377.9	6.360	6.326	34.014	26.732	28.472	26.728	135.7	8.643	90.4	1481.4	1933.7	18.4
390.0	387.8	6.323	6.289	34.024	26.745	28.531	26.740	134.6	8.778	90.5	1481.4	2020.2	26.0
400.0	397.7	6.228	6.193	34.043	26.772	28.604	26.768	132.1	8.912	90.4	1481.2	2108.0	17.2
410.0	407.6	6.084	6.049	34.031	26.781	28.660	26.777	131.2	9.043	90.5	1480.8	2197.1	34.7
420.0	417.6	5.966	5.930	34.034	26.799	28.724	26.794	129.6	9.173	90.5	1480.5	2287.5	28.3
430.0	427.5	5.847	5.811	34.044	26.821	28.794	26.817	127.5	9.302	90.6	1480.2	2379.1	32.1
440.0	437.4	5.725	5.688	34.054	26.844	28.864	26.839	125.4	9.428	90.6	1479.9	2472.0	6.8
450.0	447.3	5.627	5.589	34.061	26.862	28.928	26.857	123.7	9.552	90.5	1479.7	2566.2	9.8
460.0	457.3	5.576	5.538	34.066	26.872	28.984	26.867	122.9	9.676	90.5	1479.6	2661.6	20.3
470.0	467.2	5.442	5.403	34.077	26.896	29.056	26.892	120.5	9.798	90.6	1479.3	2758.2	32.0
480.0	477.1	5.392	5.353	34.083	26.907	29.114	26.903	119.5	9.918	90.5	1479.2	2856.0	11.2
490.0	487.0	5.314	5.274	34.091	26.923	29.176	26.919	118.0	10.036	90.6	1479.1	2954.9	16.5
500.0	496.9	5.284	5.244	34.103	26.936	29.235	26.931	116.9	10.154	90.5	1479.1	3055.1	31.4
510.0	506.9	5.194	5.152	34.117	26.957	29.303	26.953	114.9	10.270	90.6	1479.0	3156.3	11.2
520.0	516.8	5.168	5.126	34.127	26.969	29.361	26.964	114.0	10.384	90.5	1479.0	3258.7	10.9
530.0	526.7	5.136	5.093	34.137	26.980	29.418	26.975	112.9	10.498	90.6	1479.1	3362.3	2.1
540.0	536.6	5.088	5.045	34.141	26.990	29.474	26.985	112.1	10.610	90.5	1479.0	3466.9	13.8
550.0	546.5	4.968	4.924	34.141	27.003	29.535	26.998	110.8	10.722	90.6	1478.7	3572.7	16.4
560.0	556.4	4.918	4.874	34.150	27.016	29.594	27.011	109.7	10.832	90.6	1478.7	3679.5	10.3
570.0	566.3	4.872	4.827	34.161	27.030	29.655	27.025	108.4	10.941	90.6	1478.7	3787.5	15.9
580.0	576.3	4.802	4.757	34.173	27.047	29.718	27.042	106.8	11.049	90.5	1478.6	3896.5	7.6
590.0	586.2	4.767	4.720	34.186	27.061	29.779	27.056	105.5	11.155	90.5	1478.6	4006.5	17.6
600.0	596.1	4.724	4.677	34.193	27.072	29.836	27.066	104.6	11.260	90.5	1478.6	4117.6	9.4
610.0	606.0	4.671	4.624	34.201	27.084	29.895	27.079	103.4	11.363	90.5	1478.6	4229.7	10.3
620.0	615.9	4.621	4.574	34.208	27.095	29.952	27.090	102.4	11.466	90.5	1478.5	4342.9	17.6
630.0	625.8	4.618	4.569	34.230	27.113	30.016	27.108	100.9	11.568	90.4	1478.7	4457.0	12.3
640.0	635.7	4.645	4.595	34.248	27.124	30.072	27.119	99.9	11.668	90.4	1479.0	4572.2	8.8
650.0	645.7	4.629	4.579	34.262	27.138	30.132	27.132	98.8	11.768	90.4	1479.1	4688.3	15.3
660.0	655.6	4.549	4.499	34.269	27.152	30.193	27.146	97.4	11.866	90.5	1479.0	4805.4	7.1
670.0	665.5	4.508	4.457	34.272	27.159	30.246	27.153	96.8	11.963	90.4	1479.0	4923.4	12.9
680.0	675.4	4.483	4.431	34.273	27.163	30.296	27.157	96.5	12.059	90.4	1479.0	5042.4	4.7
690.0	685.3	4.461	4.408	34.278	27.169	30.348	27.163	96.0	12.156	90.3	1479.1	5162.4	6.5
700.0	695.2	4.435	4.382	34.286	27.178	30.404	27.173	95.2	12.251	90.4	1479.2	5283.3	10.0
710.0	705.1	4.411	4.357	34.297	27.190	30.462	27.184	94.2	12.346	90.3	1479.2	5405.1	6.8
720.0	715.0	4.389	4.334	34.304	27.198	30.516	27.192	93.5	12.439	90.3	1479.3	5527.9	12.7
730.0	724.9	4.410	4.354	34.320	27.208	30.571	27.202	92.7	12.533	90.3	1479.6	5651.5	12.4
740.0	734.8	4.422	4.365	34.334	27.218	30.627	27.212	91.9	12.625	90.4	1479.8	5776.1	7.1
750.0	744.7	4.400	4.343	34.342	27.227	30.682	27.221	91.1	12.716	90.3	1479.9	5901.6	4.2
760.0	754.6	4.329	4.271	34.345	27.237	30.739	27.231	90.1	12.807	90.3	1479.8	6028.0	8.3
770.0	764.5	4.319	4.260	34.357	27.247	30.795	27.241	89.2	12.896	90.3	1479.9	6155.2	8.9
780.0	774.4	4.286	4.226	34.366	27.258	30.852	27.252	88.3	12.985	90.2	1480.0	6283.4	6.9
790.0	784.3	4.288	4.228	34.371	27.262	30.902	27.256	88.0	13.073	90.2	1480.1	6412.4	11.3
800.0	794.2	4.267	4.206	34.375	27.267	30.953	27.261	87.6	13.161	90.2	1480.2	6542.3	.7
810.0	804.1	4.240	4.178	34.380	27.274	31.006	27.268	86.9	13.248	90.3	1480.3	6673.0	4.2
820.0	814.0	4.213	4.151	34.388	27.284	31.062	27.278	86.1	13.335	90.1	1480.3	6804.6	5.4
830.0	823.9	4.197	4.134	34.391	27.288	31.112	27.281	85.8	13.421	90.2	1480.4	6937.0	2.2
840.0	833.8	4.183	4.119	34.396	27.293	31.163	27.287	85.3	13.506	90.2	1480.6	7070.3	9.8
850.0	843.7	4.151	4.087	34.405	27.304	31.220	27.297	84.4	13.591	90.2	1480.6	7204.4	11.9
860.0	853.6	4.126	4.062	34.412	27.313	31.275	27.306	83.6	13.675	90.2	1480.7	7339.4	4.8
870.0	863.5	4.114	4.048	34.415	27.316	31.324	27.309	83.4	13.759	90.2	1480.8	7475.1	5.4
880.0	873.4	4.088	4.021	34.419	27.322	31.376	27.315	82.8	13.842	90.3	1480.8	7611.7	9.2
890.0	883.3	4.056	3.989	34.426	27.331	31.431	27.324	82.0	13.924	90.2	1480.9	7749.1	-.4
900.0	893.2	4.042	3.975	34.428	27.334	31.480	27.327	81.8	14.006	90.2	1481.0	7887.3	1.1
910.0	903.1	4.016	3.948	34.431	27.339	31.532	27.332	81.4	14.087	90.2	1481.1	8026.3	1.6
920.0	913.0	3.993	3.924	34.435	27.345	31.584	27.338	80.9	14.169	90.2	1481.1	8166.1	11.3
930.0	922.9	3.965	3.895	34.440	27.352	31.637	27.344	80.3	14.249	90.2	1481.2	8306.7	2.5
940.0	932.8	3.949	3.879	34.443	27.356	31.687	27.349	79.9	14.329	90.2	1481.3	8448.0	6.6
950.0	942.7	3.923	3.852	34.449	27.363	31.741	27.356	79.3	14.409	90.3	1481.4	8590.2	9.3
960.0	952.6	3.906	3.834	34.452	27.368	31.791	27.360	78.9	14.488	90.2	1481.4	8733.1	5.2
970.0	962.5	3.898	3.826	34.454	27.370	31.839	27.362	78.8	14.567	90.2	1481.6	8876.9	4.6
980.0	972.3	3.875	3.802	34.458	27.375	31.890	27.368	78.3	14.645	90.2	1481.7	9021.3	14.3
990.0	982.3	3.854	3.781	34.461	27.380	31.941	27.372	77.9	14.723	90.2	1481.7	9166.6	.5

Station 9 Latitude 32° 16.72'N Longitude 127° 17.70'W 26 Apr 1991 GMT 5:39 Bottom 2375 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.851	3.777	34.462	27.381	31.988	27.373	77.9	14.801	90.2	1481.9	9312.6	1.1
1020.0	1011.9	3.759	3.684	34.469	27.396	32.097	27.388	76.4	14.956	90.2	1481.8	9606.9	8.4
1040.0	1031.7	3.711	3.634	34.475	27.405	32.198	27.398	75.6	15.108	90.2	1482.0	9904.2	2.9
1060.0	1051.5	3.651	3.573	34.484	27.419	32.305	27.411	74.4	15.257	90.2	1482.1	10204.4	8.1
1080.0	1071.2	3.609	3.530	34.492	27.429	32.407	27.421	73.5	15.405	90.2	1482.2	10507.6	3.5
1100.0	1091.0	3.559	3.479	34.496	27.438	32.508	27.430	72.7	15.551	90.2	1482.4	10813.6	2.6
1120.0	1110.8	3.525	3.443	34.498	27.443	32.605	27.435	72.3	15.696	90.2	1482.5	11122.5	7.3
1140.0	1130.6	3.465	3.382	34.503	27.453	32.708	27.445	71.4	15.840	90.2	1482.6	11434.2	6.1
1160.0	1150.3	3.412	3.328	34.505	27.459	32.807	27.451	70.8	15.982	90.2	1482.7	11748.7	1.7
1180.0	1170.1	3.364	3.279	34.510	27.468	32.908	27.460	70.0	16.123	90.2	1482.9	12066.0	5.9
1200.0	1189.8	3.322	3.236	34.513	27.474	33.007	27.466	69.4	16.262	90.2	1483.0	12386.0	6.7
1220.0	1209.6	3.287	3.200	34.516	27.480	33.105	27.472	68.9	16.400	90.3	1483.2	12708.7	-.3
1240.0	1229.4	3.257	3.168	34.520	27.487	33.203	27.478	68.4	16.538	90.3	1483.4	13034.1	4.4
1260.0	1249.1	3.211	3.120	34.524	27.494	33.304	27.486	67.7	16.674	90.2	1483.6	13362.1	-2.0
1280.0	1268.9	3.194	3.102	34.526	27.497	33.398	27.489	67.5	16.809	90.3	1483.8	13692.8	-.5
1300.0	1288.6	3.163	3.069	34.529	27.503	33.495	27.494	67.1	16.944	90.2	1484.0	14026.2	3.0
1320.0	1308.4	3.101	3.007	34.534	27.512	33.598	27.504	66.1	17.077	90.2	1484.1	14362.1	3.6
1340.0	1328.1	3.044	2.949	34.539	27.521	33.700	27.513	65.2	17.208	90.3	1484.2	14700.7	5.9
1360.0	1347.9	3.013	2.917	34.542	27.527	33.798	27.518	64.7	17.338	90.3	1484.4	15041.7	5.1
1380.0	1367.6	2.961	2.863	34.547	27.536	33.899	27.527	63.9	17.466	90.3	1484.5	15385.3	5.9
1400.0	1387.3	2.914	2.815	34.549	27.542	33.997	27.533	63.3	17.593	90.3	1484.6	15731.4	5.1
1420.0	1407.1	2.884	2.784	34.550	27.545	34.093	27.537	63.0	17.719	90.2	1484.8	16079.9	.1
1440.0	1426.8	2.854	2.752	34.552	27.550	34.190	27.541	62.6	17.845	90.3	1485.1	16430.9	9.8
1460.0	1446.6	2.827	2.724	34.555	27.554	34.286	27.545	62.2	17.969	90.2	1485.3	16784.3	4.5
1480.0	1466.3	2.807	2.703	34.558	27.559	34.382	27.550	61.8	18.094	90.3	1485.5	17140.2	7.2
1500.0	1486.0	2.771	2.665	34.561	27.565	34.480	27.556	61.3	18.217	90.3	1485.7	17498.4	2.8
1520.0	1505.8	2.740	2.633	34.563	27.569	34.576	27.560	60.9	18.339	90.3	1485.9	17859.1	1.1
1540.0	1525.5	2.707	2.599	34.567	27.575	34.674	27.566	60.3	18.460	90.3	1486.1	18222.1	4.9
1560.0	1545.2	2.680	2.571	34.570	27.580	34.771	27.571	59.9	18.580	90.3	1486.3	18587.4	1.1
1580.0	1564.9	2.667	2.556	34.571	27.582	34.864	27.572	59.8	18.700	90.3	1486.6	18955.1	1.4
1600.0	1584.7	2.648	2.536	34.572	27.585	34.958	27.575	59.6	18.819	90.3	1486.9	19325.1	1.4
1620.0	1604.4	2.604	2.491	34.577	27.593	35.058	27.583	58.8	18.938	90.4	1487.0	19697.4	4.0
1640.0	1624.1	2.577	2.463	34.578	27.596	35.153	27.586	58.6	19.055	90.3	1487.2	20072.0	1.7
1660.0	1643.8	2.548	2.432	34.581	27.601	35.250	27.591	58.1	19.172	90.3	1487.4	20448.8	1.4
1680.0	1663.5	2.529	2.412	34.583	27.604	35.344	27.594	57.8	19.288	90.3	1487.7	20827.9	3.5
1700.0	1683.3	2.517	2.398	34.584	27.606	35.437	27.596	57.7	19.403	90.3	1488.0	21209.3	2.1
1720.0	1703.0	2.497	2.376	34.586	27.609	35.532	27.599	57.4	19.518	90.3	1488.2	21592.9	3.2
1740.0	1722.7	2.468	2.346	34.589	27.614	35.628	27.604	57.0	19.633	90.3	1488.4	21978.7	8.8
1760.0	1742.4	2.427	2.304	34.592	27.620	35.726	27.610	56.4	19.746	90.3	1488.6	22366.8	3.3
1780.0	1762.1	2.397	2.273	34.594	27.625	35.823	27.614	55.9	19.859	90.4	1488.8	22757.0	.9
1800.0	1781.8	2.370	2.245	34.597	27.629	35.919	27.619	55.5	19.970	90.3	1489.0	23149.4	2.1
1820.0	1801.5	2.333	2.207	34.600	27.635	36.017	27.624	54.9	20.081	90.4	1489.2	23543.9	2.7
1840.0	1821.2	2.307	2.179	34.602	27.638	36.112	27.628	54.6	20.190	90.4	1489.4	23940.6	4.2
1860.0	1840.9	2.287	2.158	34.603	27.641	36.206	27.631	54.3	20.299	90.4	1489.7	24339.4	3.6
1880.0	1860.6	2.250	2.120	34.607	27.647	36.304	27.637	53.7	20.407	90.4	1489.9	24740.2	1.0
1900.0	1880.3	2.247	2.115	34.607	27.648	36.395	27.637	53.7	20.515	90.4	1490.2	25143.2	2.2
1920.0	1900.0	2.224	2.091	34.610	27.652	36.490	27.641	53.4	20.622	90.4	1490.4	25548.2	4.2
1940.0	1919.7	2.204	2.069	34.611	27.654	36.584	27.644	53.1	20.729	90.4	1490.7	25955.3	-.1
1960.0	1939.3	2.189	2.053	34.612	27.657	36.678	27.646	52.9	20.835	90.4	1490.9	26364.5	.5
1980.0	1959.0	2.168	2.030	34.615	27.660	36.772	27.649	52.6	20.940	90.4	1491.2	26775.7	5.8
2000.0	1978.7	2.160	2.021	34.615	27.662	36.864	27.650	52.5	21.045	90.4	1491.5	27188.9	.2
2050.0	2027.9	2.092	1.950	34.621	27.672	37.103	27.660	51.5	21.306	90.4	1492.0	28230.9	4.0
2098.0	2075.1	2.064	1.918	34.624	27.677	37.325	27.665	51.1	21.553	90.4	1492.7	29242.9	.0

Station 10 Latitude 32° 18.16'N Longitude 127° 22.21'W 27 Apr 1991 GMT 7:50 Bottom 4350 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	15.220	15.220	33.206	24.542	24.542	24.542	338.4	.000	88.6	1505.9	.0	.0
10.0	10.0	15.219	15.217	33.207	24.544	24.588	24.543	338.5	.339	89.6	1506.0	1.7	-.7
20.0	19.9	15.170	15.167	33.287	24.616	24.704	24.615	332.0	.676	89.8	1506.2	6.7	117.6
30.0	29.9	15.032	15.027	33.302	24.658	24.790	24.657	328.3	1.006	89.7	1505.9	15.1	27.1
40.0	39.8	14.381	14.375	33.172	24.697	24.874	24.696	324.8	1.332	89.7	1503.8	26.8	2.7
50.0	49.8	14.500	14.493	33.219	24.709	24.930	24.707	324.0	1.657	89.8	1504.4	41.7	6.8
60.0	59.8	14.542	14.533	33.240	24.716	24.982	24.715	323.5	1.980	89.7	1504.7	59.8	3.0
70.0	69.7	14.564	14.554	33.249	24.719	25.028	24.717	323.6	2.304	89.6	1505.0	81.1	1.6
80.0	79.7	14.787	14.775	33.327	24.732	25.085	24.729	322.7	2.627	89.7	1506.0	105.7	8.3
90.0	89.7	14.977	14.964	33.434	24.773	25.170	24.771	319.1	2.949	89.5	1506.9	133.4	54.4
100.0	99.6	14.792	14.777	33.457	24.831	25.273	24.828	313.8	3.267	89.1	1506.5	164.4	178.2
110.0	109.6	13.700	13.684	33.340	24.970	25.458	24.967	300.7	3.571	89.3	1502.9	198.4	41.3
120.0	119.5	12.920	12.904	33.270	25.073	25.607	25.070	291.0	3.866	89.7	1500.4	235.5	201.0
130.0	129.5	11.243	11.227	33.056	25.222	25.805	25.219	276.7	4.146	89.8	1494.5	275.4	80.9
140.0	139.4	10.703	10.687	33.082	25.337	25.967	25.335	265.7	4.417	89.9	1492.8	318.0	60.3
150.0	149.4	10.461	10.443	33.153	25.435	26.110	25.432	256.7	4.678	90.1	1492.1	363.2	36.8
160.0	159.3	10.060	10.042	33.196	25.537	26.258	25.534	247.1	4.931	90.2	1490.9	411.0	64.9
170.0	169.3	9.793	9.774	33.218	25.599	26.366	25.596	241.3	5.176	90.2	1490.1	461.3	91.8
180.0	179.2	9.450	9.431	33.292	25.712	26.526	25.709	230.6	5.413	90.2	1489.1	514.0	137.7
190.0	189.2	9.289	9.268	33.387	25.813	26.672	25.809	221.2	5.639	90.2	1488.8	568.9	128.0
200.0	199.1	9.091	9.069	33.519	25.948	26.853	25.944	208.6	5.852	90.2	1488.4	626.1	77.0
210.0	209.0	8.931	8.909	33.614	26.048	26.999	26.044	199.2	6.056	90.3	1488.1	685.3	89.9
220.0	219.0	8.785	8.762	33.744	26.173	27.169	26.169	187.5	6.250	90.3	1487.9	746.4	94.6
230.0	228.9	8.677	8.653	33.840	26.264	27.307	26.261	179.0	6.433	90.3	1487.7	809.4	103.4
240.0	238.9	8.555	8.530	33.884	26.318	27.406	26.314	174.1	6.610	90.3	1487.5	874.3	62.6
250.0	248.8	8.405	8.379	33.941	26.386	27.520	26.382	167.8	6.781	90.3	1487.2	940.8	29.8
260.0	258.7	8.264	8.237	33.966	26.427	27.607	26.423	164.0	6.947	90.3	1486.8	1009.0	47.7
270.0	268.7	8.178	8.150	33.987	26.456	27.682	26.452	161.3	7.110	90.3	1486.7	1078.8	31.8
280.0	278.6	8.063	8.035	34.007	26.489	27.761	26.485	158.3	7.269	90.3	1486.4	1150.2	18.7
290.0	288.5	7.890	7.861	34.008	26.516	27.834	26.511	155.9	7.426	90.4	1485.9	1223.2	30.6
300.0	298.5	7.576	7.547	34.005	26.558	27.924	26.554	151.8	7.580	90.3	1484.9	1297.7	18.3
310.0	308.4	7.431	7.401	34.018	26.590	28.002	26.585	148.9	7.730	90.4	1484.5	1373.8	25.0
320.0	318.3	7.144	7.114	34.005	26.619	28.080	26.615	146.0	7.878	90.4	1483.5	1451.3	7.1
330.0	328.3	7.105	7.074	34.003	26.624	28.129	26.619	145.8	8.024	90.4	1483.5	1530.2	5.0
340.0	338.2	6.966	6.935	34.007	26.646	28.198	26.642	143.7	8.169	90.4	1483.1	1610.6	35.2
350.0	348.1	6.760	6.728	34.010	26.676	28.275	26.672	140.9	8.311	90.4	1482.5	1692.4	23.4
360.0	358.0	6.625	6.592	34.009	26.693	28.339	26.689	139.3	8.451	90.4	1482.1	1775.6	35.4
370.0	368.0	6.415	6.382	34.009	26.721	28.414	26.716	136.7	8.589	90.5	1481.5	1860.2	11.9
380.0	377.9	6.333	6.300	34.012	26.734	28.474	26.729	135.5	8.725	90.5	1481.3	1946.1	24.2
390.0	387.8	6.195	6.161	34.022	26.759	28.546	26.755	133.1	8.859	90.5	1480.9	2033.4	13.4
400.0	397.7	6.103	6.069	34.028	26.776	28.609	26.771	131.6	8.992	90.5	1480.7	2122.0	14.8
410.0	407.7	5.998	5.963	34.036	26.796	28.676	26.792	129.7	9.122	90.5	1480.5	2211.8	18.3
420.0	417.6	5.931	5.895	34.037	26.805	28.732	26.801	128.9	9.252	90.5	1480.4	2303.0	33.5
430.0	427.5	5.827	5.791	34.045	26.824	28.797	26.820	127.2	9.380	90.5	1480.1	2395.4	20.6
440.0	437.4	5.744	5.706	34.056	26.843	28.863	26.839	125.4	9.506	90.6	1480.0	2489.1	8.9
450.0	447.4	5.672	5.634	34.065	26.859	28.925	26.855	124.0	9.630	90.5	1479.9	2584.1	10.7
460.0	457.3	5.595	5.557	34.070	26.873	28.985	26.868	122.8	9.754	90.6	1479.7	2680.2	15.0
470.0	467.2	5.536	5.497	34.076	26.885	29.044	26.880	121.6	9.876	90.5	1479.6	2777.6	6.8
480.0	477.1	5.493	5.453	34.080	26.893	29.098	26.888	121.0	9.998	90.5	1479.6	2876.2	14.7
490.0	487.0	5.380	5.340	34.081	26.907	29.159	26.902	119.7	10.118	90.6	1479.3	2975.9	15.9
500.0	497.0	5.335	5.294	34.096	26.924	29.223	26.919	118.1	10.237	90.6	1479.3	3076.9	22.9
510.0	506.9	5.301	5.259	34.108	26.938	29.283	26.933	116.9	10.354	90.6	1479.4	3179.0	5.6
520.0	516.8	5.256	5.214	34.112	26.947	29.337	26.942	116.1	10.471	90.5	1479.4	3282.3	23.2
530.0	526.7	5.139	5.097	34.122	26.968	29.406	26.963	114.1	10.586	90.6	1479.1	3386.7	12.9
540.0	536.6	5.109	5.065	34.131	26.979	29.463	26.973	113.2	10.700	90.6	1479.1	3492.2	20.6
550.0	546.5	5.007	4.964	34.140	26.998	29.529	26.993	111.4	10.812	90.6	1478.9	3598.8	19.1
560.0	556.5	4.928	4.884	34.150	27.014	29.592	27.009	109.8	10.923	90.5	1478.7	3706.6	15.3
570.0	566.4	4.865	4.820	34.154	27.025	29.650	27.020	108.8	11.032	90.6	1478.6	3815.4	4.4
580.0	576.3	4.808	4.763	34.159	27.035	29.706	27.030	107.9	11.141	90.5	1478.6	3925.3	23.8
590.0	586.2	4.765	4.719	34.165	27.045	29.763	27.040	107.0	11.248	90.5	1478.6	4036.3	7.1
600.0	596.1	4.730	4.683	34.176	27.058	29.822	27.053	105.9	11.354	90.5	1478.6	4148.3	8.5
610.0	606.0	4.715	4.668	34.189	27.070	29.879	27.064	104.9	11.460	90.5	1478.7	4261.4	7.9
620.0	615.9	4.708	4.660	34.195	27.076	29.932	27.071	104.4	11.564	90.4	1478.9	4375.5	6.2
630.0	625.8	4.694	4.645	34.200	27.081	29.983	27.076	104.0	11.668	90.4	1479.0	4490.6	7.4
640.0	635.8	4.661	4.611	34.211	27.094	30.042	27.088	102.9	11.772	90.4	1479.0	4606.8	23.5
650.0	645.7	4.619	4.569	34.226	27.110	30.105	27.105	101.3	11.874	90.4	1479.0	4723.9	4.5
660.0	655.6	4.605	4.554	34.230	27.115	30.155	27.109	101.0	11.975	90.4	1479.1	4842.1	6.5
670.0	665.5	4.566	4.514	34.234	27.122	30.209	27.117	100.3	12.076	90.3	1479.1	4961.3	5.0
680.0	675.4	4.538	4.486	34.242	27.132	30.264	27.126	99.5	12.176	90.4	1479.2	5081.4	7.4
690.0	685.3	4.529	4.476	34.249	27.138	30.317	27.133	99.0	12.275	90.4	1479.3	5202.5	9.7
700.0	695.2	4.551	4.497	34.265	27.149	30.372	27.143	98.1	12.373	90.3	1479.6	5324.6	3.9
710.0	705.1	4.482	4.428	34.271	27.161	30.432	27.155	96.9	12.471	90.3	1479.5	5447.7	7.1
720.0	715.0	4.490	4.434	34.283	27.170	30.486	27.164	96.2	12.568	90.3	1479.7	5571.7	9.5
730.0	724.9	4.449	4.393	34.289	27.179	30.542	27.173	95.4	12.663	90.3	1479.7	5696.6	4.2
740.0	734.8	4.450	4.393	34.298	27.186	30.595	27.180	94.9	12.759	90.3	1479.9	5822.5	4.8
750.0	744.7	4.442	4.385	34.306	27.194	30.648	27.187	94.3	12.853	90.3	1480.0	5949.4	.7
760.0	754.6	4.426	4.368	34.312	27.200	30.700	27.194	93.7	12.947	90.3	1480.1	6077.1	11.5
770.0	764.5	4.426	4.367	34.332	27.217	30.762	27.210	92.3	13.040	90.2	1480.3	6205.8	10.7
780.0	774.4	4.392	4.333	34.337	27.224	30.816	27.217	91.7	13.132	90.3	1480.4	6335.4	8.3
790.0	784.3	4.366	4.306	34.347	27.234	30.872	27.228	90.7	13.223	90.2	1480.4	6465.9	12.7
800.0	794.2	4.351	4.290	34.356	27.243	30.927	27.237	90.0	13.314	90.2	1480.5	6597.3	6.0
810.0	804.1	4.348	4.286	34.362	27.249	30.979	27.242	89.5	13.403	90.2	1480.7	6729.5	13.0
820.0	814.0	4.322	4.260	34.369	27.257	31.033	27.251	88.8	13.493	90.2	1480.8	6862.7	10.7
830.0	823.9	4.297	4.233	34.374	27.264	31.086	27.257	88.2	13.581	90.2	1480.8	6996.7	8.7
840.0	833.8	4.278	4.214	34.380	27.271	31.138	27.264	87.7	13.669	90.2	1480.9	7131.6	5.4
850.0	843.7	4.258	4.194	34.384	27.276	31.190	27.269	87.2	13.757	90.2	1481.0	7267.3	1.6
860.0	853.6	4.241	4.175	34.390	27.283	31.242	27.276	86.7	13.844	90.2	1481.1	7403.9	11.6
870.0	863.5	4.208	4.142	34.398	27.293	31.299	27.286	85.8	13.930	90.2	1481.2	7541.4	11.6
880.0	873.4	4.167	4.100	34.409	27.306	31.358	27.299	84.6	14.015	90.2	1481.2	7679.6	8.7
890.0	883.3	4.152	4.084	34.415	27.312	31.411	27.305	84.0	14.099	90.2	1481.3	7818.8	11.0
900.0	893.2	4.106	4.038	34.422	27.323	31.468	27.316	83.0	14.183	90.2	1481.3	7958.7	13.1
910.0	903.1	4.089	4.020	34.425	27.327	31.518	27.320	82.7	14.266	90.2	1481.4	8099.5	-1.0
920.0	913.0	4.046	3.977	34.431	27.336	31.573	27.328	81.9	14.348	90.2	1481.3	8241.0	.8
930.0	922.9	4.026	3.956	34.434	27.341	31.624	27.333	81.4	14.429	90.2	1481.4	8383.4	4.0
940.0	932.8	3.999	3.928	34.437	27.346	31.676	27.339	81.0	14.511	90.2	1481.5	8526.6	9.3
950.0	942.7	3.976	3.905	34.441	27.351	31.727	27.344	80.5	14.592	90.2	1481.6	8670.5	.2
960.0	952.6	3.971	3.899	34.443	27.354	31.775	27.346	80.4	14.672	90.2	1481.7	8815.3	7.8
970.0	962.5	3.936	3.864	34.450	27.362	31.831	27.355	79.6	14.752	90.2	1481.7	8960.8	7.3
980.0	972.4	3.905	3.832	34.455	27.370	31.884	27.362	78.9	14.831	90.2	1481.8	9107.1	8.7
990.0	982.3	3.862	3.788	34.460	27.379	31.940	27.371	78.1	14.910	90.2	1481.8	9254.2	6.1

Station 10 Latitude 32° 18.16'N Longitude 127° 22.21'W 27 Apr 1991 GMT 7:50 Bottom 4350 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.826	3.752	34.465	27.386	31.994	27.378	77.4	14.987	90.2	1481.8	9402.1	.2
1020.0	1011.9	3.781	3.705	34.470	27.395	32.095	27.387	76.6	15.141	90.2	1481.9	9700.0	2.3
1040.0	1031.7	3.739	3.662	34.476	27.403	32.196	27.396	75.9	15.294	90.3	1482.1	10001.0	.8
1060.0	1051.5	3.697	3.619	34.480	27.411	32.296	27.404	75.2	15.445	90.2	1482.3	10305.0	3.5
1080.0	1071.3	3.654	3.575	34.485	27.419	32.396	27.412	74.5	15.594	90.2	1482.4	10611.8	.8
1100.0	1091.0	3.591	3.510	34.493	27.432	32.501	27.424	73.3	15.742	90.2	1482.5	10921.6	4.7
1120.0	1110.8	3.520	3.439	34.498	27.444	32.606	27.435	72.2	15.888	90.2	1482.5	11234.3	8.2
1140.0	1130.6	3.492	3.409	34.501	27.449	32.703	27.441	71.9	16.032	90.2	1482.7	11549.8	1.5
1160.0	1150.3	3.453	3.369	34.506	27.456	32.803	27.448	71.2	16.175	90.2	1482.9	11868.1	5.3
1180.0	1170.1	3.412	3.326	34.510	27.464	32.903	27.455	70.5	16.316	90.3	1483.1	12189.2	.0
1200.0	1189.9	3.374	3.287	34.514	27.470	33.001	27.462	70.0	16.457	90.2	1483.2	12513.0	4.7
1220.0	1209.6	3.330	3.242	34.517	27.477	33.100	27.469	69.4	16.596	90.2	1483.4	12839.5	2.1
1240.0	1229.4	3.286	3.196	34.521	27.485	33.201	27.476	68.7	16.734	90.3	1483.5	13168.8	1.8
1260.0	1249.1	3.244	3.153	34.526	27.492	33.300	27.484	68.0	16.870	90.3	1483.7	13500.7	2.4
1280.0	1268.9	3.193	3.102	34.529	27.500	33.400	27.491	67.3	17.006	90.3	1483.8	13835.3	1.8
1300.0	1288.6	3.160	3.067	34.531	27.505	33.498	27.496	66.8	17.140	90.3	1484.0	14172.6	1.8
1320.0	1308.4	3.100	3.006	34.538	27.516	33.602	27.507	65.8	17.272	90.2	1484.1	14512.4	3.6
1340.0	1328.1	3.057	2.962	34.540	27.522	33.700	27.513	65.2	17.403	90.3	1484.2	14854.8	3.0
1360.0	1347.9	3.015	2.918	34.543	27.528	33.798	27.519	64.7	17.533	90.3	1484.4	15199.7	3.6
1380.0	1367.6	2.976	2.878	34.546	27.534	33.897	27.525	64.1	17.661	90.3	1484.6	15547.1	1.0
1400.0	1387.4	2.934	2.835	34.550	27.541	33.996	27.532	63.5	17.789	90.3	1484.7	15897.0	1.9
1420.0	1407.1	2.919	2.818	34.551	27.544	34.090	27.535	63.3	17.916	90.3	1485.0	16249.4	2.2
1440.0	1426.8	2.886	2.784	34.554	27.549	34.187	27.540	62.8	18.042	90.3	1485.2	16604.3	3.6
1460.0	1446.6	2.872	2.769	34.556	27.551	34.281	27.542	62.7	18.167	90.3	1485.5	16961.6	1.3
1480.0	1466.3	2.816	2.712	34.560	27.560	34.383	27.551	61.8	18.292	90.4	1485.6	17321.4	-.7
1500.0	1486.1	2.775	2.669	34.564	27.567	34.482	27.558	61.1	18.415	90.3	1485.7	17683.5	2.8
1520.0	1505.8	2.752	2.645	34.566	27.570	34.577	27.561	60.9	18.537	90.3	1486.0	18048.1	4.9
1540.0	1525.5	2.724	2.616	34.568	27.574	34.672	27.565	60.5	18.659	90.3	1486.2	18415.0	1.4
1560.0	1545.2	2.701	2.591	34.569	27.578	34.767	27.568	60.2	18.779	90.3	1486.4	18784.3	.2
1580.0	1565.0	2.653	2.542	34.573	27.585	34.867	27.575	59.5	18.899	90.3	1486.5	19155.9	2.6
1600.0	1584.7	2.625	2.513	34.575	27.589	34.963	27.579	59.1	19.018	90.3	1486.8	19529.8	2.9
1620.0	1604.4	2.584	2.471	34.580	27.596	35.063	27.587	58.4	19.135	90.4	1486.9	19906.0	6.4
1640.0	1624.1	2.570	2.455	34.581	27.599	35.157	27.589	58.2	19.252	90.4	1487.2	20284.4	2.6
1660.0	1643.8	2.547	2.431	34.584	27.603	35.252	27.593	57.9	19.368	90.4	1487.4	20665.2	.0
1680.0	1663.6	2.507	2.390	34.586	27.608	35.350	27.598	57.3	19.483	90.4	1487.6	21048.1	4.7
1700.0	1683.3	2.476	2.358	34.589	27.613	35.446	27.603	56.9	19.597	90.4	1487.8	21433.3	1.5
1720.0	1703.0	2.460	2.341	34.590	27.616	35.540	27.606	56.7	19.711	90.4	1488.1	21820.7	2.6
1740.0	1722.7	2.429	2.308	34.593	27.621	35.637	27.611	56.2	19.824	90.4	1488.3	22210.3	1.2
1760.0	1742.4	2.407	2.284	34.595	27.624	35.731	27.614	55.9	19.936	90.4	1488.5	22602.1	.6
1780.0	1762.1	2.382	2.258	34.597	27.628	35.827	27.617	55.6	20.047	90.4	1488.7	22996.0	3.3
1800.0	1781.8	2.358	2.233	34.599	27.632	35.922	27.621	55.2	20.158	90.4	1489.0	23392.1	1.5
1820.0	1801.5	2.336	2.210	34.601	27.635	36.017	27.625	54.9	20.268	90.4	1489.2	23790.4	2.7
1840.0	1821.2	2.309	2.181	34.603	27.639	36.113	27.629	54.5	20.377	90.4	1489.4	24190.7	1.6
1860.0	1840.9	2.303	2.173	34.604	27.640	36.204	27.630	54.5	20.486	90.4	1489.7	24593.2	.4
1880.0	1860.6	2.285	2.154	34.605	27.643	36.298	27.632	54.3	20.595	90.4	1490.0	24997.7	3.9
1900.0	1880.3	2.252	2.121	34.607	27.647	36.394	27.637	53.8	20.703	90.4	1490.2	25404.4	3.9
1920.0	1900.0	2.205	2.072	34.611	27.654	36.494	27.644	53.0	20.809	90.4	1490.3	25813.1	-.2
1940.0	1919.7	2.192	2.057	34.613	27.657	36.587	27.646	52.8	20.915	90.4	1490.6	26223.9	6.0
1960.0	1939.4	2.163	2.027	34.616	27.662	36.684	27.651	52.3	21.020	90.4	1490.8	26636.7	4.6
1980.0	1959.1	2.134	1.997	34.618	27.666	36.779	27.655	51.9	21.125	90.4	1491.0	27051.6	2.2
2000.0	1978.7	2.116	1.978	34.619	27.668	36.873	27.657	51.7	21.228	90.4	1491.3	27468.4	2.2
2050.0	2027.9	2.073	1.931	34.624	27.676	37.107	27.664	51.1	21.485	90.5	1492.0	28519.2	-.4
2096.0	2073.2	2.032	1.886	34.627	27.682	37.323	27.670	50.5	21.719	90.4	1492.5	29496.9	.0

Station 11 Latitude 32° 20.41'N Longitude 127° 29.96'W 27 Apr 1991 GMT 10:07 Bottom 4675 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.240	15.240	33.226	24.553	24.553	24.553	337.3	.000	89.8	1506.0	.0	.0
10.0	10.0	15.241	15.239	33.225	24.552	24.596	24.552	337.7	.338	89.8	1506.1	1.7	-.1
20.0	19.9	15.237	15.234	33.224	24.553	24.642	24.552	337.9	.675	89.8	1506.3	6.7	-1.6
30.0	29.9	14.917	14.913	33.244	24.638	24.770	24.637	330.2	1.011	89.8	1505.5	15.1	103.8
40.0	39.8	14.728	14.722	33.234	24.671	24.848	24.670	327.2	1.339	89.8	1505.0	26.8	68.0
50.0	49.8	14.448	14.441	33.214	24.716	24.937	24.715	323.3	1.664	87.2	1504.2	41.8	10.6
60.0	59.8	14.387	14.378	33.215	24.730	24.996	24.728	322.2	1.987	89.8	1504.2	60.0	17.0
70.0	69.7	14.378	14.368	33.227	24.741	25.051	24.739	321.5	2.308	89.7	1504.4	81.4	14.7
80.0	79.7	14.348	14.337	33.258	24.772	25.126	24.769	318.8	2.629	89.5	1504.5	106.0	52.2
90.0	89.7	14.375	14.362	33.303	24.801	25.199	24.798	316.3	2.946	89.5	1504.8	133.7	24.7
100.0	99.6	14.403	14.388	33.328	24.815	25.257	24.812	315.3	3.262	89.2	1505.0	164.6	16.5
110.0	109.6	13.222	13.207	33.197	24.956	25.445	24.953	301.9	3.573	89.6	1501.2	198.7	146.9
120.0	119.5	11.635	11.620	33.039	25.137	25.675	25.135	284.6	3.866	89.7	1495.7	235.7	134.8
130.0	129.5	10.948	10.932	33.052	25.271	25.855	25.269	271.9	4.145	89.8	1493.4	275.6	169.6
140.0	139.4	10.669	10.652	33.061	25.327	25.957	25.325	266.7	4.415	89.9	1492.6	318.2	220.5
150.0	149.4	10.158	10.141	33.145	25.480	26.157	25.478	252.2	4.672	90.2	1491.0	363.4	80.7
160.0	159.3	9.772	9.754	33.224	25.606	26.329	25.604	240.4	4.918	90.2	1489.9	411.1	102.3
170.0	169.3	9.389	9.370	33.354	25.770	26.539	25.767	224.9	5.150	90.2	1488.8	461.2	119.5
180.0	179.2	9.240	9.221	33.499	25.908	26.722	25.905	212.0	5.368	90.2	1488.6	513.5	138.2
190.0	189.1	9.165	9.144	33.558	25.967	26.827	25.964	206.6	5.577	90.2	1488.5	567.9	22.0
200.0	199.1	8.985	8.964	33.637	26.056	26.962	26.053	198.2	5.780	90.3	1488.1	624.4	56.8
210.0	209.0	8.795	8.773	33.715	26.148	27.100	26.144	189.7	5.973	90.3	1487.7	682.8	89.6
220.0	219.0	8.790	8.767	33.799	26.215	27.212	26.211	183.5	6.159	90.3	1487.9	743.1	61.2
230.0	228.9	8.693	8.669	33.849	26.269	27.311	26.265	178.6	6.340	90.3	1487.8	805.2	61.2
240.0	238.9	8.530	8.505	33.884	26.322	27.410	26.318	173.7	6.516	90.3	1487.4	869.1	55.9
250.0	248.8	8.388	8.362	33.927	26.377	27.511	26.373	168.6	6.686	90.3	1487.1	934.7	24.8
260.0	258.7	8.241	8.214	33.957	26.423	27.603	26.419	164.3	6.852	90.4	1486.7	1001.9	33.0
270.0	268.6	8.112	8.085	33.976	26.457	27.684	26.453	161.2	7.015	90.3	1486.4	1070.8	39.4
280.0	278.6	7.994	7.966	33.999	26.493	27.765	26.489	157.9	7.175	90.4	1486.2	1141.3	46.5
290.0	288.5	7.747	7.719	34.001	26.531	27.850	26.527	154.3	7.331	90.4	1485.4	1213.3	15.7
300.0	298.5	7.574	7.545	34.000	26.555	27.921	26.551	152.1	7.484	90.4	1484.9	1286.9	23.5
310.0	308.4	7.520	7.490	33.999	26.562	27.974	26.558	151.6	7.636	90.5	1484.8	1362.0	34.4
320.0	318.3	7.361	7.331	34.002	26.587	28.045	26.583	149.3	7.787	90.5	1484.4	1438.6	13.8
330.0	328.2	7.185	7.154	34.004	26.613	28.118	26.609	146.8	7.935	90.5	1483.8	1516.6	9.7
340.0	338.2	7.107	7.075	34.003	26.623	28.174	26.619	146.0	8.082	90.4	1483.7	1596.1	13.2
350.0	348.1	6.926	6.894	34.009	26.653	28.250	26.648	143.2	8.226	90.5	1483.2	1677.1	5.9
360.0	358.0	6.843	6.809	34.010	26.665	28.309	26.660	142.2	8.369	90.5	1483.0	1759.5	16.1
370.0	368.0	6.694	6.660	34.013	26.688	28.379	26.683	140.0	8.510	90.5	1482.6	1843.2	12.3
380.0	377.9	6.576	6.542	34.015	26.705	28.442	26.700	138.5	8.650	90.5	1482.3	1928.4	26.9
390.0	387.8	6.467	6.432	34.015	26.719	28.503	26.715	137.2	8.787	90.5	1482.0	2014.9	12.8
400.0	397.7	6.344	6.308	34.018	26.737	28.568	26.733	135.5	8.924	90.5	1481.7	2102.8	14.6
410.0	407.6	6.222	6.186	34.020	26.755	28.633	26.750	133.8	9.058	90.5	1481.4	2192.1	16.9
420.0	417.6	6.121	6.085	34.022	26.770	28.694	26.765	132.5	9.191	90.5	1481.1	2282.6	11.3
430.0	427.5	6.003	5.966	34.028	26.789	28.760	26.784	130.7	9.323	90.5	1480.8	2374.5	7.5
440.0	437.4	5.925	5.888	34.031	26.801	28.819	26.797	129.6	9.453	90.6	1480.7	2467.6	15.4
450.0	447.4	5.779	5.741	34.030	26.819	28.884	26.814	127.9	9.582	90.6	1480.2	2562.1	7.2
460.0	457.3	5.713	5.675	34.033	26.829	28.940	26.824	127.0	9.709	90.6	1480.1	2657.8	10.1
470.0	467.2	5.617	5.578	34.037	26.844	29.002	26.840	125.6	9.835	90.6	1479.9	2754.7	15.6
480.0	477.1	5.502	5.462	34.044	26.864	29.069	26.859	123.7	9.960	90.6	1479.6	2852.9	17.4
490.0	487.0	5.467	5.426	34.048	26.871	29.122	26.866	123.2	10.083	90.6	1479.7	2952.3	5.7
500.0	497.0	5.369	5.328	34.056	26.889	29.187	26.884	121.5	10.206	90.6	1479.4	3052.9	4.8
510.0	506.9	5.324	5.282	34.064	26.900	29.245	26.895	120.5	10.327	90.6	1479.4	3154.8	17.9
520.0	516.8	5.241	5.199	34.074	26.919	29.310	26.914	118.8	10.447	90.6	1479.3	3257.8	32.9
530.0	526.7	5.156	5.114	34.084	26.936	29.374	26.931	117.1	10.565	90.6	1479.1	3362.0	5.3
540.0	536.6	5.085	5.042	34.099	26.956	29.441	26.952	115.2	10.681	90.6	1479.0	3467.3	17.6
550.0	546.5	5.062	5.018	34.104	26.963	29.494	26.958	114.7	10.796	90.6	1479.1	3573.8	13.5
560.0	556.5	5.001	4.956	34.113	26.977	29.555	26.972	113.4	10.910	90.6	1479.0	3681.4	12.4
570.0	566.4	4.953	4.908	34.120	26.988	29.612	26.983	112.4	11.023	90.6	1479.0	3790.1	7.4
580.0	576.3	4.891	4.845	34.134	27.006	29.676	27.001	110.7	11.135	90.6	1478.9	3900.0	15.6
590.0	586.2	4.848	4.802	34.143	27.019	29.735	27.013	109.6	11.245	90.5	1478.9	4010.9	16.5
600.0	596.1	4.829	4.782	34.148	27.025	29.787	27.019	109.1	11.354	90.5	1479.0	4122.9	11.2
610.0	606.0	4.760	4.713	34.161	27.042	29.852	27.037	107.5	11.463	90.5	1478.9	4236.0	19.4
620.0	615.9	4.730	4.681	34.172	27.055	29.910	27.049	106.4	11.569	90.5	1478.9	4350.1	6.5
630.0	625.8	4.709	4.660	34.181	27.065	29.966	27.059	105.5	11.675	90.4	1479.0	4465.3	7.7
640.0	635.8	4.657	4.608	34.196	27.082	30.030	27.076	104.0	11.780	90.5	1479.0	4581.6	8.0
650.0	645.7	4.610	4.560	34.203	27.093	30.087	27.087	102.9	11.883	90.4	1479.0	4698.8	12.6
660.0	655.6	4.626	4.575	34.220	27.105	30.145	27.099	102.0	11.986	90.4	1479.2	4817.1	18.2
670.0	665.5	4.595	4.543	34.233	27.119	30.205	27.113	100.7	12.087	90.4	1479.3	4936.3	20.6
680.0	675.4	4.589	4.537	34.251	27.133	30.265	27.128	99.4	12.187	90.4	1479.4	5056.6	2.1
690.0	685.3	4.602	4.548	34.256	27.136	30.313	27.130	99.3	12.286	90.4	1479.7	5177.8	7.1
700.0	695.2	4.598	4.544	34.269	27.147	30.369	27.141	98.4	12.385	90.4	1479.8	5300.0	29.4
710.0	705.1	4.602	4.547	34.288	27.162	30.430	27.155	97.1	12.483	90.3	1480.0	5423.2	4.8
720.0	715.0	4.554	4.498	34.295	27.173	30.488	27.167	96.1	12.579	90.3	1480.0	5547.3	11.5
730.0	724.9	4.490	4.433	34.298	27.182	30.544	27.176	95.2	12.675	90.4	1479.9	5672.4	12.4
740.0	734.8	4.459	4.402	34.308	27.193	30.601	27.187	94.2	12.770	90.3	1479.9	5798.4	5.1
750.0	744.7	4.427	4.369	34.315	27.202	30.657	27.196	93.4	12.864	90.3	1480.0	5925.4	10.7
760.0	754.6	4.402	4.344	34.326	27.214	30.714	27.207	92.4	12.957	90.3	1480.1	6053.2	7.7
770.0	764.5	4.341	4.283	34.333	27.226	30.774	27.220	91.2	13.049	90.3	1480.0	6182.0	13.9
780.0	774.4	4.287	4.228	34.331	27.230	30.824	27.224	90.9	13.140	90.3	1479.9	6311.7	9.2
790.0	784.3	4.293	4.233	34.338	27.235	30.874	27.229	90.5	13.230	90.3	1480.1	6442.2	13.3
800.0	794.2	4.277	4.216	34.348	27.245	30.930	27.238	89.7	13.320	90.3	1480.2	6573.7	6.3
810.0	804.1	4.211	4.150	34.347	27.251	30.984	27.245	89.0	13.410	90.3	1480.1	6706.0	-.8
820.0	814.0	4.224	4.162	34.360	27.260	31.038	27.254	88.3	13.498	90.3	1480.4	6839.2	9.8
830.0	823.9	4.216	4.153	34.368	27.268	31.091	27.261	87.7	13.587	90.3	1480.5	6973.2	6.9
840.0	833.8	4.209	4.145	34.376	27.274	31.144	27.268	87.1	13.674	90.3	1480.6	7108.2	13.3
850.0	843.7	4.167	4.103	34.380	27.282	31.198	27.276	86.4	13.761	90.2	1480.6	7244.0	10.4
860.0	853.6	4.121	4.056	34.390	27.295	31.258	27.288	85.2	13.847	90.3	1480.6	7380.6	7.2
870.0	863.5	4.092	4.027	34.394	27.302	31.310	27.295	84.7	13.932	90.2	1480.7	7518.1	10.1
880.0	873.4	4.075	4.008	34.400	27.308	31.363	27.301	84.1	14.016	90.3	1480.8	7656.4	7.8
890.0	883.3	4.051	3.984	34.406	27.316	31.417	27.309	83.4	14.100	90.2	1480.8	7795.5	13.1
900.0	893.2	4.031	3.963	34.413	27.323	31.470	27.316	82.8	14.183	90.3	1480.9	7935.4	3.1
910.0	903.1	4.013	3.945	34.421	27.331	31.524	27.324	82.1	14.265	90.2	1481.0	8076.2	9.6
920.0	913.0	3.990	3.921	34.429	27.340	31.579	27.333	81.3	14.347	90.3	1481.1	8217.7	1.1
930.0	922.9	3.970	3.901	34.433	27.346	31.631	27.338	80.8	14.428	90.2	1481.2	8360.1	4.6
940.0	932.8	3.947	3.876	34.437	27.351	31.683	27.344	80.3	14.509	90.2	1481.3	8503.2	10.4
950.0	942.7	3.921	3.850	34.440	27.356	31.734	27.349	79.9	14.589	90.3	1481.3	8647.2	3.7
960.0	952.6	3.886	3.814	34.443	27.362	31.786	27.355	79.4	14.668	90.3	1481.4	8791.9	5.5
970.0	962.5	3.864	3.792	34.449	27.369	31.839	27.362	78.8	14.747	90.2	1481.4	8937.4	7.2
980.0	972.4	3.832	3.759	34.451	27.374	31.891	27.367	78.3	14.826	90.2	1481.5	9083.7	2.8
990.0	982.3	3.818	3.744	34.454	27.378	31.940	27.370	78.0	14.904	90.3	1481.6	9230.7	8.7

Station 11 Latitude 32° 20.41'N Longitude 127° 29.96'W 27 Apr 1991 GMT 10:07 Bottom 4675 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.781	3.707	34.456	27.384	31.993	27.376	77.5	14.982	90.3	1481.6	9378.5	6.4
1020.0	1011.9	3.745	3.670	34.466	27.395	32.096	27.388	76.5	15.136	90.2	1481.8	9676.4	2.9
1040.0	1031.7	3.700	3.624	34.475	27.407	32.200	27.399	75.4	15.288	90.2	1481.9	9977.2	7.0
1060.0	1051.5	3.684	3.606	34.482	27.414	32.299	27.406	74.9	15.439	90.3	1482.2	10281.0	2.3
1080.0	1071.3	3.652	3.573	34.486	27.420	32.397	27.413	74.4	15.588	90.3	1482.4	10587.8	8.8
1100.0	1091.0	3.612	3.531	34.492	27.430	32.499	27.422	73.6	15.736	90.3	1482.6	10897.5	2.9
1120.0	1110.8	3.565	3.483	34.496	27.437	32.598	27.429	73.0	15.882	90.2	1482.7	11210.0	4.1
1140.0	1130.6	3.504	3.421	34.502	27.448	32.702	27.440	71.9	16.027	90.3	1482.8	11525.4	2.3
1160.0	1150.3	3.467	3.382	34.506	27.455	32.801	27.447	71.3	16.171	90.3	1483.0	11843.6	8.5
1180.0	1170.1	3.418	3.333	34.511	27.464	32.902	27.455	70.6	16.313	90.3	1483.1	12164.6	4.4
1200.0	1189.9	3.385	3.298	34.513	27.468	32.999	27.460	70.2	16.454	90.3	1483.3	12488.4	-.3
1220.0	1209.6	3.341	3.253	34.518	27.477	33.100	27.469	69.4	16.593	90.4	1483.4	12814.9	4.1
1240.0	1229.4	3.298	3.208	34.522	27.484	33.200	27.476	68.7	16.731	90.3	1483.6	13144.1	1.2
1260.0	1249.1	3.272	3.181	34.524	27.489	33.296	27.480	68.4	16.868	90.3	1483.8	13476.0	1.8
1280.0	1268.9	3.233	3.140	34.528	27.495	33.394	27.486	67.8	17.005	90.3	1484.0	13810.5	6.2
1300.0	1288.6	3.174	3.080	34.533	27.505	33.497	27.497	66.9	17.139	90.3	1484.1	14147.8	7.7
1320.0	1308.4	3.133	3.038	34.537	27.513	33.597	27.504	66.2	17.273	90.3	1484.2	14487.6	3.0
1340.0	1328.1	3.101	3.005	34.539	27.517	33.693	27.508	65.8	17.405	90.3	1484.4	14830.0	1.8
1360.0	1347.9	3.057	2.960	34.543	27.524	33.793	27.515	65.2	17.536	90.3	1484.6	15175.0	6.0
1380.0	1367.6	3.010	2.912	34.547	27.532	33.893	27.523	64.4	17.666	90.3	1484.7	15522.5	3.6
1400.0	1387.4	2.972	2.873	34.550	27.537	33.991	27.528	63.9	17.794	90.3	1484.9	15872.5	3.3
1420.0	1407.1	2.929	2.828	34.552	27.543	34.089	27.534	63.3	17.921	90.3	1485.0	16225.0	3.3
1440.0	1426.8	2.907	2.805	34.554	27.547	34.184	27.538	63.1	18.048	90.3	1485.3	16580.0	1.3
1460.0	1446.6	2.876	2.773	34.558	27.553	34.282	27.543	62.6	18.174	90.3	1485.5	16937.4	2.8
1480.0	1466.3	2.852	2.748	34.560	27.556	34.377	27.547	62.3	18.298	90.3	1485.7	17297.3	1.9
1500.0	1486.1	2.821	2.715	34.562	27.561	34.474	27.551	61.9	18.423	90.4	1485.9	17659.6	2.8
1520.0	1505.8	2.780	2.673	34.565	27.567	34.572	27.558	61.3	18.546	90.4	1486.1	18024.3	2.2
1540.0	1525.5	2.750	2.641	34.567	27.572	34.669	27.562	60.9	18.668	90.3	1486.3	18391.4	1.4
1560.0	1545.2	2.733	2.623	34.570	27.575	34.764	27.566	60.6	18.789	90.4	1486.6	18760.8	2.8
1580.0	1565.0	2.701	2.590	34.572	27.580	34.860	27.570	60.1	18.910	90.4	1486.7	19132.6	-.4
1600.0	1584.7	2.675	2.562	34.573	27.583	34.955	27.574	59.8	19.030	90.4	1487.0	19506.7	-.4
1620.0	1604.4	2.633	2.519	34.577	27.590	35.054	27.580	59.2	19.149	90.4	1487.1	19883.2	2.6
1640.0	1624.1	2.614	2.499	34.579	27.593	35.149	27.583	58.9	19.267	90.4	1487.4	20262.0	3.5
1660.0	1643.8	2.545	2.429	34.579	27.600	35.249	27.590	58.2	19.384	90.4	1487.4	20643.0	4.4
1680.0	1663.6	2.505	2.388	34.583	27.606	35.347	27.596	57.6	19.500	90.4	1487.6	21026.3	4.1
1700.0	1683.3	2.489	2.371	34.587	27.611	35.443	27.601	57.2	19.614	90.4	1487.9	21411.8	2.9
1720.0	1703.0	2.454	2.334	34.591	27.617	35.541	27.607	56.5	19.728	90.4	1488.0	21799.6	2.9
1740.0	1722.7	2.418	2.297	34.593	27.621	35.638	27.611	56.1	19.841	90.4	1488.2	22189.5	3.2
1760.0	1742.4	2.381	2.259	34.594	27.626	35.735	27.616	55.6	19.952	90.4	1488.4	22581.6	4.1
1780.0	1762.1	2.352	2.228	34.596	27.630	35.830	27.619	55.3	20.063	90.4	1488.6	22975.9	5.3
1800.0	1781.8	2.308	2.184	34.599	27.635	35.928	27.625	54.6	20.173	90.4	1488.8	23372.2	4.4
1820.0	1801.5	2.293	2.167	34.601	27.639	36.023	27.628	54.3	20.282	90.4	1489.0	23770.8	4.2
1840.0	1821.2	2.266	2.139	34.605	27.644	36.119	27.633	53.9	20.390	90.4	1489.2	24171.4	4.2
1860.0	1840.9	2.242	2.114	34.606	27.647	36.214	27.636	53.6	20.498	90.4	1489.5	24574.1	2.4
1880.0	1860.6	2.217	2.087	34.608	27.650	36.309	27.640	53.2	20.604	90.4	1489.7	24978.8	3.0
1900.0	1880.3	2.199	2.068	34.610	27.654	36.403	27.643	53.0	20.711	90.4	1490.0	25385.7	1.3
1920.0	1900.0	2.184	2.051	34.611	27.656	36.497	27.645	52.8	20.816	90.4	1490.2	25794.5	2.8
1940.0	1919.7	2.164	2.030	34.613	27.659	36.591	27.648	52.5	20.921	90.4	1490.5	26205.4	4.0
1960.0	1939.4	2.149	2.013	34.614	27.662	36.684	27.651	52.3	21.026	90.4	1490.8	26618.4	2.2
1980.0	1959.1	2.129	1.993	34.616	27.665	36.779	27.654	52.0	21.131	90.4	1491.0	27033.3	1.6
2000.0	1978.7	2.118	1.979	34.618	27.667	36.871	27.656	51.8	21.234	90.4	1491.3	27450.3	.2
2050.0	2027.9	2.072	1.930	34.622	27.675	37.107	27.663	51.1	21.492	90.4	1491.9	28501.4	1.1
2096.0	2073.2	2.040	1.895	34.625	27.680	37.320	27.668	50.7	21.726	90.4	1492.6	29479.4	.0

Station 12 Latitude 32° 22.70'N Longitude 127° 37.38'W 27 Apr 1991 GMT 12:11 Bottom 3300 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.048	15.048	33.161	24.544	24.544	24.544	338.2	.000	89.3	1505.3	.0	.0
10.0	10.0	15.051	15.050	33.151	24.537	24.581	24.537	339.2	.338	89.4	1505.4	1.7	1.6
20.0	19.9	15.011	15.008	33.163	24.555	24.644	24.555	337.7	.677	89.5	1505.5	6.7	95.0
30.0	29.9	14.585	14.580	33.211	24.684	24.816	24.683	325.8	1.008	89.7	1504.4	15.2	45.2
40.0	39.8	14.469	14.464	33.212	24.709	24.886	24.708	323.6	1.333	89.7	1504.1	26.8	27.3
50.0	49.8	14.405	14.398	33.210	24.721	24.943	24.720	322.7	1.656	89.7	1504.1	41.7	15.0
60.0	59.8	14.351	14.342	33.216	24.738	25.004	24.736	321.4	1.978	89.6	1504.1	59.8	8.5
70.0	69.7	14.335	14.325	33.231	24.753	25.063	24.751	320.3	2.299	89.7	1504.2	81.1	29.6
80.0	79.7	14.349	14.338	33.272	24.782	25.136	24.779	317.8	2.618	89.4	1504.5	105.6	56.9
90.0	89.7	14.329	14.316	33.288	24.799	25.198	24.797	316.5	2.935	89.3	1504.6	133.2	18.8
100.0	99.6	14.302	14.288	33.320	24.830	25.272	24.827	313.8	3.250	89.5	1504.7	164.0	88.5
110.0	109.6	12.324	12.309	33.104	25.058	25.549	25.056	292.0	3.554	89.6	1498.0	197.9	127.7
120.0	119.5	10.884	10.870	33.083	25.307	25.846	25.304	268.3	3.834	89.9	1493.1	234.7	120.1
130.0	129.5	10.349	10.334	33.124	25.431	26.017	25.428	256.6	4.098	90.2	1491.4	274.2	148.9
140.0	139.4	9.837	9.821	33.228	25.598	26.231	25.596	240.7	4.347	90.2	1489.8	316.2	114.6
150.0	149.4	9.541	9.525	33.360	25.750	26.428	25.747	226.5	4.584	90.2	1489.0	360.6	267.1
160.0	159.3	9.523	9.505	33.458	25.830	26.553	25.827	219.1	4.806	90.2	1489.3	407.3	128.6
170.0	169.3	9.424	9.405	33.515	25.891	26.660	25.888	213.5	5.021	90.3	1489.1	456.2	7.4
180.0	179.2	9.334	9.315	33.576	25.953	26.767	25.950	207.8	5.232	90.3	1489.0	507.2	82.6
190.0	189.1	9.121	9.101	33.611	26.014	26.874	26.011	202.1	5.436	90.3	1488.5	560.2	72.9
200.0	199.1	9.000	8.979	33.674	26.083	26.989	26.080	195.7	5.635	90.3	1488.2	615.3	86.4
210.0	209.0	8.878	8.856	33.770	26.178	27.129	26.174	186.9	5.827	90.3	1488.1	672.2	109.5
220.0	219.0	8.850	8.827	33.793	26.201	27.197	26.197	184.9	6.012	90.4	1488.2	731.1	108.9
230.0	228.9	8.648	8.624	33.870	26.293	27.335	26.289	176.3	6.192	90.3	1487.7	791.7	21.4
240.0	238.8	8.512	8.487	33.903	26.339	27.427	26.335	172.0	6.366	90.3	1487.4	854.1	49.5
250.0	248.8	8.289	8.264	33.949	26.410	27.544	26.406	165.4	6.534	90.3	1486.7	918.2	50.0
260.0	258.7	8.148	8.122	33.968	26.446	27.627	26.442	162.1	6.698	90.3	1486.4	983.9	32.7
270.0	268.6	8.063	8.036	33.977	26.465	27.692	26.461	160.4	6.859	90.4	1486.2	1051.3	21.3
280.0	278.6	7.957	7.929	33.993	26.494	27.767	26.490	157.8	7.019	90.4	1486.0	1120.2	39.1
290.0	288.5	7.826	7.797	34.001	26.519	27.838	26.515	155.5	7.175	90.4	1485.7	1190.7	14.8
300.0	298.4	7.729	7.700	34.006	26.538	27.902	26.533	153.9	7.330	90.4	1485.5	1262.7	5.7
310.0	308.4	7.624	7.594	34.017	26.562	27.972	26.557	151.7	7.483	90.4	1485.2	1336.3	.4
320.0	318.3	7.558	7.527	34.026	26.578	28.035	26.573	150.3	7.634	90.4	1485.2	1411.3	13.3
330.0	328.2	7.434	7.402	34.034	26.602	28.105	26.597	148.1	7.783	90.4	1484.9	1487.9	37.6
340.0	338.1	7.302	7.269	34.038	26.624	28.173	26.619	146.1	7.930	90.4	1484.5	1565.9	23.8
350.0	348.1	7.097	7.064	34.021	26.639	28.236	26.635	144.7	8.075	90.4	1483.8	1645.3	8.0
360.0	358.0	7.000	6.967	34.020	26.651	28.294	26.647	143.6	8.219	90.5	1483.6	1726.2	21.1
370.0	367.9	6.847	6.813	34.008	26.663	28.353	26.658	142.5	8.363	90.5	1483.2	1808.5	29.6
380.0	377.9	6.724	6.690	34.008	26.680	28.416	26.675	141.0	8.504	90.5	1482.8	1892.2	21.1
390.0	387.8	6.581	6.546	34.013	26.703	28.486	26.698	138.8	8.644	90.5	1482.5	1977.3	22.5
400.0	397.7	6.437	6.401	34.015	26.723	28.553	26.718	136.9	8.782	90.5	1482.0	2063.8	19.3
410.0	407.6	6.330	6.294	34.019	26.740	28.617	26.735	135.4	8.918	90.5	1481.8	2151.6	2.9
420.0	417.6	6.248	6.211	34.022	26.753	28.677	26.749	134.1	9.053	90.5	1481.6	2240.8	36.2
430.0	427.5	6.141	6.104	34.027	26.771	28.741	26.766	132.5	9.186	90.5	1481.4	2331.3	12.5
440.0	437.4	6.004	5.966	34.042	26.800	28.817	26.795	129.8	9.317	90.6	1481.0	2423.1	42.1
450.0	447.3	5.899	5.860	34.044	26.815	28.878	26.810	128.4	9.446	90.5	1480.7	2516.2	18.9
460.0	457.3	5.708	5.669	34.041	26.836	28.947	26.831	126.3	9.573	90.6	1480.1	2610.5	14.5
470.0	467.2	5.588	5.549	34.047	26.855	29.013	26.850	124.5	9.698	90.6	1479.8	2706.1	12.1
480.0	477.1	5.479	5.439	34.049	26.870	29.075	26.865	123.1	9.822	90.7	1479.5	2802.9	9.5
490.0	487.0	5.404	5.363	34.052	26.881	29.133	26.876	122.1	9.945	90.6	1479.4	2901.0	16.8
500.0	496.9	5.303	5.263	34.062	26.902	29.200	26.897	120.2	10.066	90.6	1479.2	3000.2	22.3
510.0	506.9	5.211	5.170	34.069	26.918	29.264	26.913	118.7	10.186	90.6	1479.0	3100.7	11.8
520.0	516.8	5.122	5.081	34.077	26.934	29.327	26.929	117.1	10.304	90.6	1478.8	3202.3	9.4
530.0	526.7	5.084	5.041	34.081	26.942	29.381	26.937	116.5	10.421	90.6	1478.8	3305.0	8.2
540.0	536.6	5.052	5.009	34.092	26.954	29.440	26.949	115.4	10.536	90.6	1478.8	3408.9	7.7
550.0	546.5	5.002	4.958	34.099	26.966	29.498	26.961	114.3	10.651	90.6	1478.8	3514.0	14.1
560.0	556.4	4.904	4.860	34.113	26.988	29.566	26.983	112.2	10.765	90.6	1478.6	3620.2	17.3
570.0	566.3	4.888	4.843	34.124	26.999	29.623	26.994	111.3	10.876	90.6	1478.7	3727.4	20.0
580.0	576.3	4.815	4.770	34.134	27.015	29.686	27.010	109.8	10.987	90.6	1478.6	3835.8	13.5
590.0	586.2	4.782	4.736	34.155	27.035	29.752	27.030	108.0	11.096	90.6	1478.6	3945.3	15.0
600.0	596.1	4.750	4.703	34.162	27.044	29.808	27.039	107.2	11.203	90.5	1478.7	4055.8	1.8
610.0	606.0	4.716	4.669	34.172	27.056	29.867	27.051	106.1	11.310	90.5	1478.7	4167.4	2.4
620.0	615.9	4.666	4.618	34.186	27.073	29.929	27.067	104.6	11.415	90.5	1478.7	4280.0	22.9
630.0	625.8	4.645	4.596	34.197	27.084	29.987	27.079	103.6	11.519	90.5	1478.8	4393.6	5.3
640.0	635.7	4.632	4.582	34.210	27.096	30.044	27.090	102.6	11.622	90.5	1478.9	4508.3	6.8
650.0	645.6	4.599	4.549	34.221	27.108	30.103	27.103	101.5	11.724	90.4	1478.9	4624.0	8.5
660.0	655.5	4.569	4.518	34.227	27.117	30.157	27.111	100.8	11.826	90.4	1479.0	4740.7	9.1
670.0	665.5	4.546	4.495	34.243	27.131	30.218	27.126	99.4	11.926	90.4	1479.1	4858.3	16.5
680.0	675.4	4.528	4.475	34.252	27.141	30.274	27.135	98.6	12.025	90.4	1479.2	4977.0	16.2
690.0	685.3	4.475	4.422	34.256	27.150	30.330	27.145	97.8	12.123	90.4	1479.1	5096.6	19.7
700.0	695.2	4.449	4.396	34.272	27.166	30.391	27.160	96.4	12.220	90.4	1479.2	5217.2	15.3
710.0	705.1	4.456	4.401	34.285	27.175	30.447	27.170	95.6	12.316	90.3	1479.4	5338.7	.4
720.0	715.0	4.465	4.410	34.293	27.181	30.498	27.175	95.2	12.411	90.3	1479.6	5461.2	8.0
730.0	724.9	4.388	4.332	34.296	27.191	30.555	27.185	94.2	12.506	90.3	1479.5	5584.6	13.0
740.0	734.8	4.405	4.349	34.309	27.200	30.609	27.194	93.5	12.600	90.3	1479.7	5708.9	5.1
750.0	744.7	4.356	4.299	34.322	27.216	30.671	27.210	92.0	12.693	90.4	1479.7	5834.2	17.7
760.0	754.6	4.341	4.283	34.333	27.226	30.727	27.219	91.2	12.784	90.3	1479.8	5960.3	11.2
770.0	764.5	4.315	4.256	34.343	27.237	30.785	27.231	90.2	12.875	90.3	1479.9	6087.4	20.0
780.0	774.4	4.290	4.231	34.356	27.250	30.844	27.244	89.0	12.964	90.3	1480.0	6215.3	10.7
790.0	784.3	4.241	4.181	34.366	27.263	30.903	27.257	87.8	13.053	90.3	1479.9	6344.1	14.8
800.0	794.2	4.158	4.098	34.367	27.273	30.960	27.266	86.8	13.140	90.3	1479.8	6473.8	7.7
810.0	804.1	4.153	4.092	34.377	27.281	31.015	27.275	86.1	13.227	90.3	1479.9	6604.3	12.7
820.0	814.0	4.139	4.077	34.385	27.289	31.069	27.283	85.4	13.313	90.3	1480.0	6735.7	6.0
830.0	823.9	4.114	4.051	34.390	27.296	31.122	27.289	84.9	13.398	90.3	1480.1	6867.9	1.9
840.0	833.8	4.057	3.994	34.389	27.300	31.173	27.294	84.4	13.483	90.3	1480.0	7000.9	1.6
850.0	843.7	4.044	3.981	34.398	27.309	31.228	27.303	83.6	13.567	90.3	1480.1	7134.8	9.8
860.0	853.6	4.016	3.952	34.402	27.315	31.280	27.309	83.1	13.650	90.3	1480.2	7269.5	7.2
870.0	863.5	4.003	3.939	34.413	27.325	31.336	27.319	82.3	13.733	90.3	1480.3	7405.0	9.2
880.0	873.4	3.974	3.908	34.423	27.337	31.394	27.330	81.2	13.814	90.3	1480.4	7541.3	8.6
890.0	883.3	3.955	3.889	34.428	27.342	31.445	27.336	80.7	13.895	90.3	1480.5	7678.4	5.4
900.0	893.2	3.903	3.836	34.430	27.350	31.500	27.343	80.0	13.976	90.3	1480.4	7816.3	9.5
910.0	903.1	3.879	3.812	34.435	27.356	31.552	27.349	79.5	14.056	90.2	1480.5	7955.0	1.0
920.0	913.0	3.865	3.797	34.436	27.358	31.601	27.352	79.3	14.135	90.3	1480.6	8094.5	5.4
930.0	922.9	3.840	3.771	34.438	27.363	31.651	27.356	78.9	14.214	90.3	1480.7	8234.7	.7
940.0	932.8	3.805	3.735	34.443	27.370	31.705	27.363	78.3	14.293	90.3	1480.7	8375.7	5.4
950.0	942.7	3.779	3.709	34.446	27.375	31.756	27.368	77.8	14.371	90.3	1480.7	8517.5	1.0
960.0	952.6	3.768	3.697	34.448	27.378	31.805	27.371	77.6	14.448	90.3	1480.9	8660.1	1.9
970.0	962.5	3.748	3.677	34.453	27.384	31.857	27.377	77.1	14.526	90.3	1480.9	8803.4	3.4
980.0	972.3	3.736	3.664	34.457	27.388	31.907	27.381	76.8	14.603	90.3	1481.1	8947.4	3.4
990.0	982.2	3.702	3.630	34.459	27.393	31.959	27.386	76.3	14.679	90.3	1481.1	9092.3	10.4

Station 12 Latitude 32° 22.70'N Longitude 127° 37.38'W 27 Apr 1991 GMT 12:11 Bottom 3300 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.681	3.608	34.459	27.395	32.007	27.388	76.1	14.755	90.2	1481.2	9237.8	2.8
1020.0	1011.9	3.652	3.578	34.472	27.409	32.113	27.402	74.9	14.907	90.3	1481.4	9531.2	5.5
1040.0	1031.7	3.599	3.523	34.480	27.421	32.217	27.413	73.9	15.056	90.3	1481.5	9827.5	4.9
1060.0	1051.5	3.548	3.471	34.487	27.431	32.320	27.424	72.9	15.203	90.2	1481.6	10126.7	10.2
1080.0	1071.2	3.494	3.416	34.494	27.442	32.423	27.434	72.0	15.347	90.3	1481.7	10428.7	3.2
1100.0	1091.0	3.464	3.384	34.497	27.448	32.521	27.440	71.5	15.491	90.3	1482.0	10733.6	1.1
1120.0	1110.8	3.430	3.349	34.502	27.455	32.620	27.447	70.9	15.633	90.3	1482.1	11041.2	3.2
1140.0	1130.5	3.388	3.306	34.506	27.462	32.720	27.455	70.3	15.775	90.3	1482.3	11351.6	1.7
1160.0	1150.3	3.349	3.266	34.509	27.469	32.819	27.461	69.7	15.915	90.3	1482.5	11664.8	4.1
1180.0	1170.1	3.323	3.238	34.512	27.474	32.915	27.466	69.3	16.054	90.3	1482.7	11980.7	-1.8
1200.0	1189.8	3.281	3.195	34.517	27.482	33.015	27.473	68.6	16.192	90.2	1482.9	12299.4	1.8
1220.0	1209.6	3.263	3.175	34.519	27.485	33.110	27.476	68.4	16.329	90.3	1483.1	12620.7	4.1
1240.0	1229.3	3.224	3.135	34.521	27.490	33.208	27.482	68.0	16.466	90.3	1483.3	12944.6	1.2
1260.0	1249.1	3.167	3.077	34.521	27.496	33.306	27.487	67.4	16.601	90.2	1483.4	13271.3	4.7
1280.0	1268.8	3.150	3.059	34.524	27.500	33.402	27.491	67.2	16.736	90.3	1483.6	13600.5	-.5
1300.0	1288.6	3.100	3.008	34.529	27.508	33.503	27.500	66.3	16.869	90.3	1483.8	13932.4	1.8
1320.0	1308.4	3.068	2.974	34.531	27.513	33.600	27.505	65.9	17.001	90.3	1484.0	14266.9	4.2
1340.0	1328.1	3.050	2.955	34.535	27.518	33.696	27.509	65.6	17.132	90.3	1484.2	14603.9	3.0
1360.0	1347.8	3.012	2.916	34.540	27.526	33.796	27.517	64.8	17.263	90.3	1484.4	14943.5	5.9
1380.0	1367.6	2.962	2.865	34.543	27.533	33.896	27.524	64.2	17.391	90.3	1484.5	15285.6	3.3
1400.0	1387.3	2.910	2.812	34.548	27.541	33.997	27.532	63.3	17.519	90.3	1484.6	15630.2	-.2
1420.0	1407.1	2.884	2.784	34.551	27.546	34.093	27.537	62.9	17.645	90.3	1484.8	15977.2	6.6
1440.0	1426.8	2.866	2.765	34.553	27.549	34.188	27.540	62.7	17.771	90.4	1485.1	16326.8	-.5
1460.0	1446.6	2.855	2.752	34.553	27.551	34.281	27.541	62.7	17.896	90.3	1485.4	16678.7	4.0
1480.0	1466.3	2.828	2.724	34.558	27.557	34.379	27.548	62.1	18.021	90.3	1485.6	17033.1	3.1
1500.0	1486.0	2.804	2.698	34.561	27.562	34.476	27.553	61.7	18.145	90.3	1485.8	17389.9	2.8
1520.0	1505.7	2.759	2.652	34.561	27.566	34.572	27.556	61.3	18.268	90.3	1486.0	17749.2	1.3
1540.0	1525.5	2.743	2.634	34.563	27.569	34.667	27.560	61.0	18.390	90.3	1486.3	18110.8	-1.3
1560.0	1545.2	2.686	2.577	34.568	27.578	34.768	27.568	60.2	18.511	90.4	1486.3	18474.7	4.9
1580.0	1564.9	2.647	2.537	34.572	27.584	34.867	27.575	59.5	18.631	90.4	1486.5	18841.0	2.6
1600.0	1584.7	2.619	2.507	34.574	27.589	34.963	27.579	59.1	18.749	90.4	1486.7	19209.6	.8
1620.0	1604.4	2.597	2.483	34.576	27.593	35.058	27.583	58.8	18.867	90.4	1487.0	19580.5	2.3
1640.0	1624.1	2.553	2.438	34.580	27.600	35.158	27.590	58.1	18.984	90.4	1487.1	19953.7	-1.8
1660.0	1643.8	2.540	2.424	34.582	27.602	35.251	27.592	58.0	19.100	90.3	1487.4	20329.2	2.3
1680.0	1663.5	2.501	2.384	34.584	27.607	35.348	27.597	57.4	19.216	90.4	1487.6	20706.9	3.2
1700.0	1683.2	2.463	2.345	34.587	27.612	35.446	27.603	56.9	19.330	90.4	1487.7	21086.8	.9
1720.0	1702.9	2.443	2.324	34.589	27.616	35.541	27.606	56.5	19.443	90.4	1488.0	21468.9	-.3
1740.0	1722.7	2.419	2.298	34.591	27.620	35.636	27.610	56.2	19.556	90.4	1488.2	21853.2	3.8
1760.0	1742.4	2.405	2.282	34.593	27.623	35.730	27.612	56.0	19.668	90.3	1488.5	22239.7	3.0
1780.0	1762.1	2.358	2.235	34.598	27.630	35.831	27.620	55.2	19.780	90.4	1488.6	22628.4	2.4
1800.0	1781.8	2.339	2.214	34.598	27.632	35.924	27.622	55.1	19.890	90.4	1488.9	23019.2	.6
1820.0	1801.5	2.322	2.196	34.599	27.635	36.017	27.624	54.9	20.000	90.4	1489.2	23412.2	9.4
1840.0	1821.2	2.290	2.163	34.601	27.639	36.114	27.629	54.4	20.109	90.4	1489.4	23807.2	.4
1860.0	1840.9	2.277	2.148	34.603	27.641	36.207	27.631	54.2	20.218	90.4	1489.6	24204.4	.4
1880.0	1860.6	2.258	2.128	34.604	27.645	36.301	27.634	54.0	20.326	90.4	1489.9	24603.7	2.2
1900.0	1880.3	2.242	2.111	34.606	27.647	36.395	27.637	53.7	20.434	90.4	1490.2	25005.0	1.3
1920.0	1899.9	2.218	2.085	34.608	27.651	36.490	27.640	53.4	20.541	90.4	1490.4	25408.5	1.6
1940.0	1919.6	2.191	2.056	34.611	27.655	36.586	27.645	53.0	20.647	90.4	1490.6	25813.9	3.7
1960.0	1939.3	2.166	2.030	34.613	27.660	36.681	27.649	52.5	20.752	90.4	1490.8	26221.5	2.8
1980.0	1959.0	2.145	2.008	34.615	27.662	36.775	27.651	52.3	20.857	90.4	1491.1	26631.1	.5
2000.0	1978.7	2.110	1.971	34.619	27.669	36.873	27.658	51.6	20.961	90.4	1491.3	27042.6	.5
2050.0	2027.9	2.074	1.932	34.622	27.674	37.106	27.663	51.2	21.218	90.5	1492.0	28080.3	1.7
2096.0	2073.1	2.039	1.894	34.625	27.680	37.320	27.668	50.7	21.452	90.5	1492.6	29045.9	.0

Station 13 Latitude 32° 24.13'N Longitude 127° 41.33'W 27 Apr 1991 GMT 14:06 Bottom 1650 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	15.017	15.017	33.126	24.524	24.524	24.524	340.1	.000	89.4	1505.1	.0	.0
10.0	10.0	15.024	15.022	33.127	24.524	24.569	24.524	340.4	.340	89.3	1505.3	1.7	.7
20.0	19.9	15.026	15.023	33.127	24.524	24.613	24.524	340.7	.681	89.3	1505.5	6.8	-1.3
30.0	29.9	14.839	14.834	33.186	24.611	24.743	24.610	332.7	1.020	89.6	1505.1	15.3	279.7
40.0	39.8	14.596	14.590	33.209	24.681	24.858	24.679	326.3	1.349	89.7	1504.5	27.1	31.4
50.0	49.8	14.482	14.475	33.207	24.703	24.924	24.701	324.5	1.674	89.7	1504.3	42.1	39.3
60.0	59.8	14.354	14.345	33.223	24.743	25.008	24.741	321.0	1.997	89.8	1504.1	60.4	16.4
70.0	69.7	14.313	14.303	33.231	24.758	25.067	24.756	319.9	2.318	89.8	1504.1	81.9	15.6
80.0	79.7	14.285	14.273	33.243	24.773	25.127	24.771	318.7	2.636	89.8	1504.2	106.6	6.8
90.0	89.7	14.385	14.373	33.282	24.783	25.181	24.780	318.1	2.955	89.8	1504.8	134.4	8.0
100.0	99.6	14.281	14.266	33.271	24.797	25.239	24.794	317.0	3.273	89.4	1504.6	165.4	22.0
110.0	109.6	14.326	14.310	33.313	24.819	25.306	24.816	315.2	3.589	89.5	1504.9	199.6	16.2
120.0	119.5	13.840	13.823	33.263	24.882	25.414	24.878	309.4	3.902	89.6	1503.5	236.9	117.7
130.0	129.5	11.636	11.620	33.060	25.154	25.736	25.151	283.3	4.199	89.8	1495.9	277.2	142.5
140.0	139.4	10.732	10.715	33.082	25.333	25.962	25.330	266.2	4.473	89.9	1492.9	320.4	66.2
150.0	149.4	10.225	10.208	33.139	25.465	26.141	25.462	253.7	4.735	90.2	1491.3	366.2	308.2
160.0	159.3	9.747	9.729	33.256	25.636	26.358	25.633	237.6	4.979	90.2	1489.8	414.5	97.9
170.0	169.3	9.543	9.524	33.358	25.749	26.517	25.746	227.0	5.212	90.3	1489.4	465.2	95.8
180.0	179.2	9.398	9.378	33.514	25.894	26.708	25.891	213.4	5.432	90.3	1489.2	518.1	44.9
190.0	189.2	9.296	9.276	33.614	25.989	26.848	25.986	204.6	5.641	90.3	1489.1	573.2	92.6
200.0	199.1	9.225	9.204	33.690	26.060	26.965	26.057	198.0	5.842	90.3	1489.1	630.3	48.7
210.0	209.0	9.174	9.151	33.751	26.116	27.066	26.112	192.9	6.037	90.3	1489.2	689.3	112.5
220.0	219.0	9.000	8.976	33.840	26.214	27.210	26.210	183.7	6.224	90.3	1488.8	750.3	62.7
230.0	228.9	8.727	8.703	33.848	26.263	27.305	26.259	179.2	6.405	90.3	1487.9	813.0	24.9
240.0	238.9	8.636	8.611	33.883	26.304	27.392	26.301	175.4	6.583	90.4	1487.8	877.6	26.9
250.0	248.8	8.484	8.458	33.920	26.357	27.491	26.353	170.5	6.756	90.4	1487.4	943.8	78.2
260.0	258.7	8.317	8.290	33.956	26.411	27.591	26.407	165.5	6.924	90.4	1487.0	1011.8	59.1
270.0	268.7	8.177	8.150	33.973	26.445	27.671	26.441	162.4	7.087	90.4	1486.7	1081.4	31.8
280.0	278.6	8.060	8.032	33.991	26.477	27.749	26.473	159.5	7.248	90.4	1486.4	1152.6	10.7
290.0	288.5	7.842	7.813	33.998	26.515	27.833	26.510	155.9	7.406	90.4	1485.7	1225.4	10.7
300.0	298.5	7.703	7.673	33.998	26.535	27.900	26.531	154.1	7.562	90.4	1485.4	1299.7	15.1
310.0	308.4	7.502	7.472	34.005	26.569	27.981	26.565	150.9	7.714	90.4	1484.7	1375.6	3.6
320.0	318.3	7.374	7.343	34.009	26.590	28.049	26.586	149.0	7.864	90.4	1484.4	1452.9	22.9
330.0	328.3	7.208	7.177	34.008	26.613	28.118	26.608	146.9	8.012	90.4	1483.9	1531.7	6.5
340.0	338.2	7.136	7.104	34.009	26.624	28.175	26.620	145.9	8.158	90.4	1483.8	1612.0	12.9
350.0	348.1	7.099	7.066	34.022	26.639	28.236	26.635	144.6	8.303	90.5	1483.9	1693.7	16.2
360.0	358.0	6.932	6.899	34.025	26.664	28.308	26.660	142.3	8.447	90.5	1483.4	1776.9	30.2
370.0	368.0	6.704	6.670	34.024	26.695	28.386	26.691	139.3	8.587	90.5	1482.6	1861.4	26.6
380.0	377.9	6.612	6.578	34.025	26.708	28.445	26.703	138.3	8.726	90.5	1482.4	1947.3	3.2
390.0	387.8	6.437	6.402	34.030	26.735	28.519	26.730	135.7	8.863	90.5	1481.9	2034.6	10.2
400.0	397.7	6.303	6.268	34.030	26.752	28.584	26.748	134.0	8.998	90.5	1481.5	2123.3	16.6
410.0	407.7	6.151	6.115	34.023	26.767	28.645	26.762	132.7	9.132	90.6	1481.1	2213.2	14.5
420.0	417.6	6.083	6.047	34.028	26.779	28.704	26.774	131.6	9.264	90.6	1481.0	2304.5	2.2
430.0	427.5	5.958	5.921	34.033	26.799	28.770	26.794	129.7	9.394	90.6	1480.6	2397.1	19.5
440.0	437.4	5.870	5.832	34.038	26.813	28.832	26.809	128.4	9.523	90.6	1480.5	2490.9	24.7
450.0	447.4	5.732	5.694	34.045	26.836	28.902	26.831	126.2	9.650	90.6	1480.1	2586.1	10.1
460.0	457.3	5.678	5.640	34.053	26.849	28.960	26.844	125.1	9.776	90.6	1480.0	2682.4	21.5
470.0	467.2	5.504	5.465	34.058	26.874	29.034	26.870	122.6	9.900	90.6	1479.5	2780.0	24.1
480.0	477.1	5.403	5.364	34.066	26.892	29.099	26.888	120.9	10.022	90.6	1479.3	2878.8	14.1
490.0	487.0	5.359	5.319	34.083	26.912	29.164	26.907	119.2	10.142	90.6	1479.3	2978.8	7.1
500.0	497.0	5.310	5.269	34.088	26.921	29.220	26.917	118.4	10.261	90.6	1479.2	3080.0	25.0
510.0	506.9	5.202	5.161	34.092	26.937	29.282	26.932	116.9	10.379	90.6	1479.0	3182.4	7.4
520.0	516.8	5.126	5.084	34.104	26.955	29.348	26.950	115.2	10.495	90.6	1478.8	3285.9	.3
530.0	526.7	5.111	5.069	34.104	26.957	29.395	26.952	115.1	10.610	90.6	1478.9	3390.5	1.2
540.0	536.6	5.069	5.026	34.105	26.962	29.447	26.958	114.6	10.725	90.6	1478.9	3496.3	21.1
550.0	546.5	4.985	4.941	34.116	26.982	29.513	26.977	112.9	10.838	90.6	1478.8	3603.2	12.6
560.0	556.5	4.891	4.847	34.126	27.000	29.579	26.995	111.1	10.950	90.6	1478.5	3711.2	15.3
570.0	566.4	4.826	4.782	34.132	27.011	29.637	27.007	110.0	11.061	90.6	1478.4	3820.3	15.3
580.0	576.3	4.765	4.720	34.138	27.023	29.695	27.018	108.9	11.170	90.6	1478.4	3930.5	19.4
590.0	586.2	4.718	4.672	34.155	27.043	29.761	27.038	107.2	11.278	90.6	1478.4	4041.8	31.1
600.0	596.1	4.671	4.625	34.169	27.058	29.823	27.053	105.7	11.385	90.6	1478.3	4154.1	11.4
610.0	606.0	4.660	4.613	34.172	27.062	29.873	27.057	105.5	11.490	90.5	1478.5	4267.5	2.7
620.0	615.9	4.652	4.603	34.176	27.067	29.924	27.062	105.1	11.596	90.5	1478.6	4381.9	6.8
630.0	625.8	4.634	4.585	34.200	27.088	29.991	27.083	103.2	11.700	90.5	1478.7	4497.3	14.1
640.0	635.7	4.607	4.558	34.214	27.102	30.051	27.097	102.0	11.802	90.5	1478.8	4613.8	19.4
650.0	645.7	4.608	4.557	34.225	27.111	30.105	27.105	101.3	11.904	90.5	1479.0	4731.3	4.7
660.0	655.6	4.547	4.496	34.241	27.130	30.171	27.125	99.4	12.004	90.4	1478.9	4849.7	6.2
670.0	665.5	4.542	4.490	34.245	27.133	30.220	27.128	99.2	12.104	90.4	1479.1	4969.1	5.3
680.0	675.4	4.502	4.450	34.254	27.145	30.279	27.140	98.2	12.202	90.4	1479.1	5089.6	4.5
690.0	685.3	4.476	4.423	34.261	27.154	30.333	27.148	97.4	12.300	90.4	1479.1	5210.9	2.4
700.0	695.2	4.444	4.390	34.268	27.163	30.389	27.157	96.6	12.397	90.4	1479.2	5333.3	7.1
710.0	705.1	4.439	4.385	34.284	27.176	30.447	27.170	95.5	12.493	90.4	1479.3	5456.6	4.2
720.0	715.0	4.421	4.366	34.288	27.181	30.499	27.175	95.1	12.589	90.4	1479.4	5580.8	7.4
730.0	724.9	4.406	4.350	34.293	27.187	30.551	27.181	94.6	12.684	90.3	1479.5	5706.0	7.4
740.0	734.8	4.395	4.339	34.300	27.194	30.603	27.188	94.1	12.778	90.3	1479.7	5832.0	2.4
750.0	744.7	4.334	4.277	34.321	27.217	30.674	27.211	91.8	12.871	90.4	1479.6	5959.1	42.9
760.0	754.6	4.294	4.237	34.331	27.229	30.732	27.223	90.7	12.963	90.3	1479.6	6087.0	7.1
770.0	764.5	4.261	4.203	34.339	27.240	30.788	27.233	89.8	13.053	90.3	1479.7	6215.8	18.6
780.0	774.4	4.213	4.154	34.351	27.254	30.849	27.248	88.5	13.142	90.3	1479.6	6345.5	19.1
790.0	784.3	4.172	4.113	34.361	27.266	30.908	27.260	87.4	13.230	90.3	1479.6	6476.1	3.3
800.0	794.2	4.155	4.095	34.368	27.274	30.962	27.267	86.7	13.317	90.3	1479.7	6607.5	6.5
810.0	804.1	4.129	4.069	34.372	27.280	31.014	27.273	86.2	13.404	90.3	1479.8	6739.8	1.0
820.0	814.0	4.113	4.051	34.375	27.284	31.064	27.277	85.9	13.490	90.3	1479.9	6872.9	7.4
830.0	823.9	4.068	4.006	34.386	27.297	31.124	27.291	84.6	13.575	90.3	1479.9	7006.8	2.7
840.0	833.8	4.040	3.977	34.392	27.305	31.178	27.299	83.9	13.659	90.3	1480.0	7141.6	4.8
850.0	843.7	4.007	3.944	34.400	27.315	31.234	27.308	83.0	13.743	90.4	1480.0	7277.3	15.6
860.0	853.6	3.971	3.907	34.407	27.324	31.290	27.317	82.2	13.825	90.3	1480.0	7413.7	11.5
870.0	863.5	3.952	3.887	34.409	27.328	31.340	27.321	81.9	13.907	90.3	1480.1	7550.9	-.5
880.0	873.4	3.930	3.865	34.412	27.333	31.391	27.326	81.5	13.989	90.3	1480.2	7689.0	6.0
890.0	883.3	3.893	3.827	34.416	27.339	31.444	27.333	80.9	14.070	90.3	1480.2	7827.8	8.6
900.0	893.2	3.876	3.810	34.418	27.343	31.493	27.336	80.6	14.151	90.4	1480.3	7967.4	3.6
910.0	903.1	3.851	3.784	34.422	27.349	31.545	27.342	80.1	14.231	90.2	1480.4	8107.9	2.8
920.0	913.0	3.836	3.768	34.430	27.357	31.599	27.350	79.4	14.311	90.3	1480.5	8249.1	2.2
930.0	922.9	3.824	3.756	34.431	27.358	31.647	27.351	79.3	14.390	90.3	1480.6	8391.1	14.5
940.0	932.8	3.782	3.713	34.437	27.368	31.703	27.361	78.4	14.469	90.3	1480.6	8533.8	9.5
950.0	942.7	3.764	3.694	34.441	27.373	31.754	27.366	78.0	14.547	90.3	1480.7	8677.3	3.1
960.0	952.6	3.750	3.679	34.444	27.377	31.804	27.370	77.7	14.625	90.3	1480.8	8821.6	8.1
970.0	962.5	3.736	3.665	34.447	27.381	31.854	27.374	77.4	14.702	90.2	1480.9	8966.7	3.4
980.0	972.4	3.713	3.642	34.454	27.389	31.908	27.382	76.7	14.780	90.3	1481.0	9112.5	11.6
990.0	982.3	3.711	3.638	34.453	27.388	31.953	27.381	76.8	14.856	90.3	1481.1	9259.1	.5

Station 13 Latitude 32° 24.13'N Longitude 127° 41.33'W 27 Apr 1991 GMT 14:06 Bottom 1650 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.678	3.605	34.458	27.395	32.007	27.388	76.1	14.933	90.3	1481.2	9406.4	4.0
1020.0	1011.9	3.621	3.547	34.464	27.406	32.110	27.398	75.2	15.084	90.3	1481.3	9703.2	6.3
1040.0	1031.7	3.575	3.499	34.470	27.415	32.212	27.408	74.4	15.234	90.3	1481.4	10003.1	13.4
1060.0	1051.5	3.552	3.475	34.473	27.419	32.308	27.412	74.1	15.382	90.3	1481.6	10305.8	6.4
1080.0	1071.3	3.507	3.428	34.480	27.430	32.411	27.422	73.1	15.529	90.3	1481.8	10611.4	5.5
1100.0	1091.0	3.461	3.382	34.488	27.441	32.514	27.433	72.2	15.674	90.3	1481.9	10919.9	1.1
1120.0	1110.8	3.408	3.327	34.493	27.450	32.616	27.442	71.3	15.817	90.3	1482.0	11231.1	1.7
1140.0	1130.6	3.354	3.272	34.499	27.460	32.719	27.452	70.4	15.959	90.3	1482.1	11545.2	14.9
1160.0	1150.3	3.280	3.197	34.508	27.474	32.826	27.467	69.0	16.098	90.3	1482.2	11862.0	.2
1180.0	1170.1	3.247	3.162	34.511	27.480	32.924	27.472	68.5	16.235	90.3	1482.4	12181.5	.3
1200.0	1189.8	3.242	3.156	34.512	27.481	33.017	27.473	68.5	16.372	90.3	1482.7	12503.7	2.0
1220.0	1209.6	3.236	3.149	34.513	27.483	33.109	27.474	68.6	16.509	90.3	1483.0	12828.6	-.6
1240.0	1229.4	3.236	3.147	34.513	27.483	33.201	27.475	68.7	16.646	90.3	1483.3	13156.1	.3
1260.0	1249.1	3.212	3.122	34.516	27.487	33.297	27.479	68.3	16.783	90.3	1483.6	13486.3	5.9
1280.0	1268.9	3.180	3.089	34.520	27.493	33.395	27.485	67.8	16.919	90.3	1483.8	13819.2	2.1
1300.0	1288.6	3.165	3.072	34.522	27.497	33.490	27.488	67.6	17.055	90.3	1484.0	14154.7	5.0
1320.0	1308.4	3.113	3.019	34.527	27.506	33.591	27.497	66.8	17.189	90.3	1484.1	14492.9	1.5
1340.0	1328.1	3.041	2.946	34.534	27.518	33.697	27.509	65.5	17.321	90.3	1484.2	14833.6	9.2
1360.0	1347.9	2.996	2.900	34.538	27.525	33.796	27.517	64.8	17.451	90.3	1484.3	15176.9	.7
1380.0	1367.6	2.968	2.871	34.541	27.530	33.893	27.521	64.4	17.581	90.3	1484.5	15522.8	8.9
1400.0	1387.3	2.921	2.822	34.545	27.538	33.994	27.529	63.6	17.709	90.3	1484.7	15871.1	2.4
1420.0	1407.1	2.902	2.802	34.547	27.542	34.089	27.533	63.4	17.836	90.3	1484.9	16221.9	-1.4
1440.0	1426.8	2.880	2.779	34.549	27.545	34.183	27.536	63.2	17.962	90.3	1485.2	16575.2	5.4
1460.0	1446.6	2.854	2.751	34.552	27.550	34.280	27.541	62.7	18.088	90.3	1485.4	16931.0	3.1
1480.0	1466.3	2.824	2.720	34.555	27.555	34.377	27.546	62.3	18.213	90.3	1485.6	17289.1	2.5
1500.0	1486.0	2.824	2.718	34.555	27.555	34.468	27.546	62.4	18.338	90.3	1485.9	17649.8	.8
1520.0	1505.8	2.778	2.671	34.558	27.562	34.567	27.552	61.7	18.462	90.4	1486.1	18012.8	-1.0
1540.0	1525.5	2.716	2.608	34.564	27.572	34.671	27.563	60.6	18.584	90.4	1486.1	18378.2	6.3
1560.0	1545.2	2.685	2.576	34.568	27.578	34.768	27.568	60.2	18.705	90.4	1486.3	18746.0	1.7
1580.0	1564.9	2.669	2.559	34.569	27.580	34.862	27.571	60.0	18.825	90.4	1486.6	19116.2	8.1
1600.0	1584.7	2.611	2.499	34.574	27.589	34.964	27.580	59.0	18.944	90.4	1486.7	19488.6	11.1
1620.0	1604.4	2.526	2.414	34.582	27.603	35.071	27.593	57.6	19.060	90.4	1486.7	19863.3	.8
1628.0	1612.3	2.510	2.397	34.583	27.605	35.111	27.595	57.4	19.106	90.4	1486.7	20013.9	.0

Station 14 Latitude 32° 26.57'N Longitude 127° 48.01'W 27 Apr 1991 GMT 16:17 Bottom 535 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	15.146	15.146	33.175	24.534	24.534	24.534	339.1	.000	89.3	1505.6	.0	.0
10.0	10.0	15.146	15.144	33.179	24.538	24.581	24.537	339.1	.339	89.4	1505.8	1.7	1.6
20.0	19.9	15.147	15.144	33.179	24.538	24.626	24.537	339.4	.678	89.4	1506.0	6.8	33.2
30.0	29.9	14.842	14.838	33.181	24.605	24.738	24.605	333.2	1.014	89.6	1505.1	15.2	25.0
40.0	39.8	14.665	14.659	33.197	24.656	24.833	24.655	328.7	1.345	89.6	1504.8	26.9	64.8
50.0	49.8	14.467	14.460	33.211	24.709	24.931	24.708	323.9	1.672	89.7	1504.3	42.0	24.4
60.0	59.8	14.413	14.405	33.213	24.722	24.988	24.720	323.0	1.995	89.7	1504.3	60.2	12.1
70.0	69.7	14.367	14.357	33.212	24.732	25.042	24.730	322.3	2.318	89.8	1504.3	81.7	11.5
80.0	79.7	14.341	14.330	33.219	24.743	25.097	24.740	321.6	2.640	89.7	1504.4	106.4	13.5
90.0	89.7	14.293	14.280	33.224	24.757	25.155	24.754	320.5	2.961	89.6	1504.4	134.3	15.3
100.0	99.6	14.238	14.224	33.242	24.783	25.225	24.779	318.3	3.281	89.1	1504.4	165.4	41.6
110.0	109.6	13.168	13.153	33.144	24.926	25.415	24.923	304.8	3.594	89.4	1500.9	199.6	147.7
120.0	119.5	12.689	12.673	33.111	24.994	25.529	24.991	298.4	3.896	89.6	1499.4	236.9	369.0
130.0	129.5	11.453	11.438	33.041	25.172	25.755	25.170	281.4	4.182	89.7	1495.2	277.1	177.9
140.0	139.4	10.727	10.711	33.073	25.326	25.956	25.323	266.8	4.455	89.9	1492.8	320.1	163.1
150.0	149.4	10.020	10.003	33.164	25.519	26.195	25.516	248.6	4.712	90.2	1490.5	365.7	136.9
160.0	159.3	9.621	9.604	33.322	25.708	26.431	25.705	230.7	4.950	90.2	1489.4	413.8	125.4
170.0	169.3	9.459	9.440	33.413	25.806	26.574	25.803	221.6	5.176	90.2	1489.1	464.1	192.5
180.0	179.2	9.320	9.300	33.587	25.964	26.778	25.961	206.7	5.390	90.1	1489.0	516.7	80.6
190.0	189.1	9.224	9.204	33.688	26.059	26.918	26.055	197.9	5.592	90.2	1488.9	571.3	27.3
200.0	199.1	9.175	9.154	33.758	26.121	27.026	26.118	192.2	5.787	90.2	1489.0	627.8	97.3
210.0	209.0	9.048	9.025	33.843	26.208	27.159	26.205	184.1	5.975	90.2	1488.8	686.3	54.2
220.0	219.0	8.975	8.951	33.880	26.249	27.245	26.245	180.4	6.157	90.2	1488.7	746.6	31.1
230.0	228.9	8.794	8.769	33.895	26.289	27.331	26.285	176.7	6.335	90.2	1488.2	808.7	99.9
240.0	238.9	8.530	8.505	33.921	26.351	27.439	26.347	170.9	6.507	90.4	1487.4	872.5	38.3
250.0	248.8	8.355	8.330	33.964	26.411	27.545	26.407	165.3	6.675	90.3	1487.0	937.9	15.8
260.0	258.7	8.232	8.206	33.978	26.441	27.621	26.437	162.6	6.839	90.3	1486.7	1005.1	80.5
270.0	268.6	7.999	7.972	33.987	26.482	27.709	26.478	158.7	6.998	90.3	1486.0	1073.8	2.2
280.0	278.6	7.841	7.814	33.987	26.506	27.780	26.502	156.6	7.156	90.3	1485.6	1144.1	35.3
290.0	288.5	7.656	7.627	33.996	26.540	27.860	26.536	153.4	7.311	90.3	1485.0	1215.9	13.3
300.0	298.5	7.615	7.585	33.996	26.546	27.912	26.542	153.0	7.464	90.4	1485.0	1289.3	4.5
310.0	308.4	7.441	7.411	34.003	26.576	27.989	26.572	150.2	7.616	90.3	1484.5	1364.2	34.4
320.0	318.3	7.391	7.360	34.001	26.582	28.040	26.578	149.7	7.766	90.3	1484.5	1440.6	4.2
330.0	328.2	7.286	7.254	34.007	26.602	28.106	26.598	148.0	7.915	90.3	1484.2	1518.4	18.5
340.0	338.2	7.148	7.116	34.012	26.625	28.176	26.621	145.9	8.062	90.3	1483.9	1597.8	6.5
350.0	348.1	7.131	7.098	34.013	26.628	28.224	26.623	145.7	8.208	90.5	1484.0	1678.5	5.3
360.0	358.0	7.041	7.008	34.014	26.642	28.284	26.637	144.5	8.353	90.4	1483.8	1760.7	41.6
370.0	368.0	6.807	6.773	34.026	26.682	28.372	26.678	140.6	8.495	90.3	1483.0	1844.4	25.8
380.0	377.9	6.580	6.546	34.032	26.718	28.455	26.713	137.2	8.634	90.4	1482.3	1929.4	13.7
390.0	387.8	6.532	6.497	34.031	26.723	28.507	26.719	136.8	8.771	90.4	1482.3	2015.7	.5
400.0	397.7	6.461	6.425	34.032	26.734	28.563	26.729	135.9	8.907	90.4	1482.2	2103.5	38.9
410.0	407.6	6.258	6.222	34.039	26.765	28.642	26.760	132.9	9.042	90.4	1481.5	2192.5	39.2
420.0	417.6	6.051	6.015	34.046	26.797	28.722	26.793	129.8	9.173	90.4	1480.9	2282.9	37.4
430.0	427.5	5.960	5.923	34.048	26.810	28.782	26.806	128.6	9.302	90.5	1480.7	2374.6	11.0
440.0	437.4	5.935	5.898	34.054	26.818	28.835	26.813	128.0	9.430	90.5	1480.7	2467.5	9.2
450.0	447.3	5.912	5.874	34.055	26.822	28.885	26.817	127.8	9.558	90.4	1480.8	2561.7	.8
460.0	457.3	5.890	5.851	34.056	26.826	28.935	26.821	127.5	9.686	90.5	1480.9	2657.2	-1.3
470.0	467.2	5.875	5.834	34.058	26.829	28.984	26.824	127.3	9.813	90.5	1481.0	2753.9	-3.0
480.0	477.1	5.870	5.828	34.059	26.830	29.031	26.825	127.3	9.941	90.5	1481.1	2851.9	34.5
490.0	487.0	5.680	5.638	34.076	26.867	29.116	26.862	123.8	10.066	90.5	1480.6	2951.1	20.1
500.0	496.9	5.432	5.391	34.101	26.917	29.215	26.913	118.9	10.188	90.5	1479.7	3051.5	28.2
510.0	506.9	5.382	5.340	34.102	26.924	29.267	26.919	118.3	10.306	90.5	1479.7	3153.2	40.8
516.0	512.8	5.282	5.240	34.106	26.939	29.311	26.934	116.9	10.376	90.5	1479.4	3214.7	.0

Station 15 Latitude 32° 28.03'N Longitude 127° 52.23'W 27 Apr 1991 GMT 23:03 Bottom 1425 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.245	15.245	33.196	24.529	24.529	24.529	339.6	.000	89.2	1506.0	.0	.0
10.0	10.0	15.253	15.252	33.195	24.527	24.571	24.526	340.2	.340	89.3	1506.1	1.7	12.5
20.0	19.9	15.198	15.195	33.195	24.540	24.628	24.539	339.2	.680	89.2	1506.1	6.8	24.8
30.0	29.9	14.890	14.886	33.205	24.614	24.747	24.613	332.4	1.015	89.4	1505.3	15.2	49.9
40.0	39.8	14.722	14.716	33.213	24.656	24.833	24.655	328.7	1.346	89.5	1505.0	27.0	34.4
50.0	49.8	14.532	14.525	33.211	24.696	24.917	24.694	325.2	1.673	89.5	1504.5	42.0	48.4
60.0	59.8	14.429	14.421	33.214	24.720	24.986	24.718	323.2	1.997	89.5	1504.3	60.3	22.0
70.0	69.7	14.390	14.380	33.214	24.729	25.038	24.726	322.6	2.320	86.9	1504.4	81.8	9.1
80.0	79.7	14.367	14.355	33.221	24.739	25.093	24.736	321.9	2.642	89.4	1504.5	106.5	12.1
90.0	89.7	14.325	14.313	33.220	24.747	25.146	24.745	321.4	2.964	89.4	1504.5	134.4	7.1
100.0	99.6	14.279	14.264	33.271	24.797	25.240	24.794	317.0	3.283	88.6	1504.6	165.5	94.4
110.0	109.6	13.221	13.206	33.159	24.927	25.416	24.924	304.7	3.595	89.3	1501.1	199.8	164.7
120.0	119.5	11.867	11.852	33.047	25.101	25.638	25.098	288.1	3.891	89.5	1496.5	237.1	103.3
130.0	129.5	11.080	11.065	33.030	25.231	25.814	25.228	275.8	4.174	89.7	1493.9	277.2	90.5
140.0	139.4	10.505	10.489	33.074	25.366	25.996	25.363	263.0	4.442	89.8	1492.0	320.1	88.4
150.0	149.4	9.915	9.898	33.189	25.555	26.232	25.552	245.1	4.697	90.1	1490.2	365.6	251.1
160.0	159.3	9.658	9.641	33.329	25.707	26.430	25.704	230.8	4.933	90.2	1489.6	413.5	18.5
170.0	169.3	9.574	9.555	33.416	25.790	26.558	25.787	223.2	5.163	90.1	1489.6	463.7	226.4
180.0	179.2	9.411	9.391	33.544	25.916	26.729	25.913	211.3	5.380	90.2	1489.3	516.1	71.2
190.0	189.1	9.359	9.338	33.602	25.969	26.828	25.966	206.4	5.589	90.2	1489.3	570.6	68.3
200.0	199.1	9.270	9.248	33.700	26.061	26.966	26.058	197.9	5.791	90.2	1489.3	627.2	109.0
210.0	209.0	9.100	9.077	33.837	26.195	27.145	26.192	185.4	5.983	90.2	1489.0	685.7	88.8
220.0	219.0	9.039	9.015	33.867	26.229	27.224	26.225	182.4	6.168	90.2	1489.0	746.1	62.7
230.0	228.9	9.000	8.975	33.879	26.245	27.285	26.241	181.0	6.350	90.2	1489.0	808.3	79.1
240.0	238.9	8.891	8.866	33.914	26.289	27.375	26.285	177.0	6.527	90.2	1488.8	872.3	16.4
250.0	248.8	8.761	8.734	33.971	26.354	27.487	26.350	170.9	6.702	90.2	1488.5	938.0	79.1
260.0	258.7	8.511	8.484	33.982	26.402	27.580	26.397	166.5	6.871	90.2	1487.8	1005.5	47.7
270.0	268.6	8.148	8.121	33.974	26.450	27.676	26.446	161.9	7.035	90.2	1486.5	1074.5	-1.5
280.0	278.6	8.002	7.974	33.984	26.480	27.752	26.476	159.2	7.195	90.2	1486.2	1145.2	50.6
290.0	288.5	7.830	7.801	33.990	26.510	27.829	26.506	156.4	7.352	90.2	1485.7	1217.5	10.1
300.0	298.5	7.710	7.681	34.003	26.538	27.903	26.533	153.9	7.507	90.2	1485.4	1291.2	9.5
310.0	308.4	7.623	7.593	34.006	26.553	27.963	26.548	152.6	7.661	90.2	1485.2	1366.6	20.9
320.0	318.3	7.442	7.411	34.012	26.583	28.041	26.579	149.7	7.812	90.3	1484.7	1443.4	3.9
330.0	328.2	7.325	7.293	34.015	26.602	28.106	26.598	148.0	7.961	90.3	1484.4	1521.7	14.7
340.0	338.2	7.256	7.224	34.020	26.616	28.166	26.612	146.8	8.108	90.3	1484.3	1601.5	13.5
350.0	348.1	7.127	7.095	34.027	26.640	28.236	26.635	144.6	8.254	90.3	1484.0	1682.7	14.4
360.0	358.0	6.927	6.894	34.023	26.664	28.307	26.659	142.3	8.397	90.3	1483.3	1765.3	21.7
370.0	368.0	6.784	6.750	34.020	26.681	28.372	26.677	140.7	8.539	90.3	1482.9	1849.4	40.1
380.0	377.9	6.641	6.606	34.034	26.711	28.448	26.706	138.0	8.678	90.3	1482.6	1934.9	13.7
390.0	387.8	6.621	6.586	34.033	26.713	28.496	26.708	137.9	8.816	90.3	1482.6	2021.7	9.4
400.0	397.7	6.467	6.431	34.049	26.746	28.576	26.742	134.8	8.953	90.3	1482.2	2109.9	51.5
410.0	407.6	6.312	6.276	34.052	26.769	28.646	26.764	132.6	9.086	90.3	1481.8	2199.4	36.2
420.0	417.6	6.118	6.081	34.055	26.796	28.720	26.791	130.0	9.217	90.4	1481.1	2290.2	6.9
430.0	427.5	5.982	5.945	34.051	26.810	28.781	26.806	128.7	9.346	90.4	1480.8	2382.3	.2
440.0	437.4	5.853	5.816	34.050	26.825	28.843	26.820	127.3	9.475	90.4	1480.4	2475.7	.4
450.0	447.3	5.787	5.749	34.049	26.833	28.897	26.828	126.6	9.602	90.4	1480.3	2570.3	5.1
460.0	457.3	5.722	5.683	34.051	26.842	28.953	26.837	125.8	9.728	90.5	1480.2	2666.2	13.9
470.0	467.2	5.757	5.717	34.081	26.862	29.018	26.857	124.1	9.853	90.4	1480.5	2763.3	4.0
480.0	477.1	5.615	5.575	34.074	26.874	29.077	26.869	122.9	9.976	90.4	1480.1	2861.7	31.2
490.0	487.0	5.463	5.422	34.072	26.890	29.142	26.886	121.3	10.098	90.5	1479.7	2961.2	33.8
500.0	496.9	5.360	5.319	34.078	26.907	29.205	26.902	119.7	10.219	90.5	1479.4	3062.0	8.0
510.0	506.9	5.290	5.249	34.081	26.918	29.262	26.913	118.8	10.338	90.5	1479.3	3163.9	6.8
520.0	516.8	5.217	5.175	34.081	26.926	29.318	26.921	118.0	10.456	90.5	1479.2	3267.0	9.7
530.0	526.7	5.150	5.108	34.088	26.940	29.378	26.935	116.8	10.574	90.5	1479.1	3371.3	18.2
540.0	536.6	5.080	5.037	34.094	26.953	29.438	26.948	115.6	10.690	90.5	1478.9	3476.8	26.1
550.0	546.5	5.037	4.994	34.105	26.966	29.497	26.961	114.3	10.805	90.5	1479.0	3583.3	9.4
560.0	556.4	4.973	4.929	34.112	26.980	29.557	26.975	113.1	10.918	90.5	1478.9	3691.0	13.8
570.0	566.4	4.959	4.914	34.128	26.994	29.618	26.989	111.9	11.031	90.5	1479.0	3799.8	18.2
580.0	576.3	4.916	4.870	34.136	27.005	29.675	27.000	110.9	11.142	90.6	1479.0	3909.7	17.3
590.0	586.2	4.843	4.797	34.143	27.019	29.735	27.014	109.6	11.252	90.5	1478.9	4020.7	19.1
600.0	596.1	4.775	4.728	34.152	27.034	29.797	27.029	108.2	11.361	90.5	1478.8	4132.8	7.1
610.0	606.0	4.769	4.721	34.163	27.044	29.853	27.038	107.4	11.469	90.5	1478.9	4246.0	12.4
620.0	615.9	4.734	4.685	34.172	27.055	29.910	27.049	106.4	11.576	90.4	1478.9	4360.2	12.1
630.0	625.8	4.698	4.649	34.182	27.066	29.968	27.060	105.4	11.682	90.4	1479.0	4475.4	14.4
640.0	635.7	4.640	4.591	34.190	27.079	30.028	27.074	104.2	11.787	90.4	1478.9	4591.7	3.9
650.0	645.7	4.614	4.564	34.196	27.086	30.081	27.081	103.6	11.890	90.4	1479.0	4709.0	6.2
660.0	655.6	4.619	4.568	34.216	27.102	30.142	27.097	102.2	11.993	90.4	1479.2	4827.4	31.1
670.0	665.5	4.565	4.513	34.223	27.114	30.200	27.108	101.1	12.095	90.3	1479.1	4946.7	2.7
680.0	675.4	4.536	4.484	34.232	27.124	30.257	27.118	100.2	12.196	90.3	1479.2	5067.1	20.6
690.0	685.3	4.531	4.477	34.246	27.136	30.315	27.130	99.2	12.295	90.3	1479.3	5188.4	10.3
700.0	695.2	4.502	4.448	34.255	27.146	30.371	27.140	98.3	12.394	90.3	1479.4	5310.7	2.1
710.0	705.1	4.474	4.419	34.261	27.154	30.425	27.148	97.6	12.492	90.3	1479.5	5433.9	7.7
720.0	715.0	4.451	4.396	34.269	27.163	30.480	27.157	96.8	12.589	90.3	1479.5	5558.2	4.5
730.0	724.9	4.409	4.353	34.281	27.177	30.541	27.171	95.5	12.686	90.2	1479.5	5683.3	12.7
740.0	734.8	4.389	4.332	34.288	27.185	30.594	27.179	94.9	12.781	90.2	1479.6	5809.5	6.2
750.0	744.7	4.367	4.310	34.294	27.192	30.648	27.186	94.2	12.875	90.3	1479.7	5936.5	16.2
760.0	754.6	4.339	4.281	34.304	27.203	30.705	27.197	93.3	12.969	90.2	1479.8	6064.5	3.6
770.0	764.5	4.286	4.228	34.308	27.212	30.760	27.205	92.5	13.062	90.2	1479.7	6193.4	3.0
780.0	774.4	4.266	4.207	34.315	27.220	30.814	27.213	91.8	13.155	90.2	1479.8	6323.2	15.0
790.0	784.3	4.223	4.163	34.327	27.234	30.875	27.228	90.5	13.246	90.2	1479.8	6453.9	9.2
800.0	794.2	4.248	4.187	34.338	27.240	30.926	27.234	90.0	13.336	90.2	1480.1	6585.5	.1
810.0	804.1	4.253	4.191	34.341	27.242	30.974	27.236	90.0	13.426	90.2	1480.3	6718.0	2.8
820.0	814.0	4.207	4.145	34.351	27.255	31.033	27.249	88.8	13.516	90.2	1480.3	6851.3	14.2
830.0	823.9	4.185	4.122	34.357	27.262	31.086	27.255	88.2	13.604	90.2	1480.4	6985.6	5.7
840.0	833.8	4.174	4.110	34.360	27.265	31.136	27.259	87.9	13.692	90.2	1480.5	7120.7	5.1
850.0	843.7	4.133	4.069	34.369	27.277	31.194	27.271	86.8	13.779	90.2	1480.5	7256.7	24.8
860.0	853.6	4.089	4.024	34.377	27.288	31.252	27.282	85.8	13.865	90.2	1480.5	7393.5	5.1
870.0	863.5	4.062	3.997	34.383	27.295	31.305	27.289	85.2	13.951	90.2	1480.5	7531.1	16.6
880.0	873.4	3.995	3.929	34.401	27.317	31.373	27.310	83.1	14.036	90.2	1480.4	7669.6	34.7
890.0	883.3	3.977	3.911	34.403	27.320	31.423	27.313	82.8	14.118	90.2	1480.5	7808.9	1.6
900.0	893.2	3.963	3.896	34.406	27.324	31.473	27.317	82.6	14.201	90.2	1480.6	7949.0	1.3
910.0	903.1	3.952	3.884	34.408	27.327	31.522	27.320	82.3	14.283	90.2	1480.8	8090.0	-.4
920.0	913.0	3.927	3.858	34.415	27.336	31.576	27.329	81.6	14.365	90.2	1480.8	8231.7	1.0
930.0	922.9	3.889	3.820	34.423	27.346	31.633	27.339	80.6	14.447	90.2	1480.8	8374.3	21.0
940.0	932.8	3.827	3.758	34.432	27.359	31.694	27.352	79.3	14.526	90.2	1480.8	8517.6	4.6
950.0	942.7	3.811	3.740	34.436	27.364	31.744	27.357	79.0	14.606	90.2	1480.9	8661.7	9.0
960.0	952.6	3.793	3.722	34.438	27.368	31.794	27.360	78.7	14.684	90.2	1481.0	8806.6	1.3
970.0	962.5	3.769	3.697	34.442	27.373	31.845	27.365	78.2	14.763	90.2	1481.0	8952.2	-.1
980.0	972.4	3.757	3.685	34.442	27.375	31.893	27.367	78.1	14.841	90.2	1481.1	9098.6	2.8
990.0	982.3	3.711	3.638	34.450	27.385	31.950	27.378	77.1	14.918	90.2	1481.1	9245.8	4.0

Station 15 Latitude 32° 28.03'N Longitude 127° 52.23'W 27 Apr 1991 GMT 23:03 Bottom 1425 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.701	3.628	34.451	27.387	31.998	27.380	76.9	14.995	90.2	1481.2	9393.7	1.9
1020.0	1011.9	3.674	3.599	34.457	27.395	32.097	27.387	76.4	15.149	90.2	1481.5	9691.9	1.4
1040.0	1031.7	3.631	3.555	34.464	27.404	32.200	27.397	75.5	15.301	90.2	1481.6	9993.0	2.3
1060.0	1051.5	3.555	3.478	34.477	27.422	32.311	27.415	73.8	15.450	90.2	1481.6	10297.1	1.1
1080.0	1071.3	3.497	3.419	34.485	27.435	32.416	27.427	72.7	15.597	90.2	1481.7	10604.0	2.0
1100.0	1091.0	3.439	3.359	34.492	27.446	32.520	27.438	71.6	15.741	90.2	1481.8	10913.8	10.2
1120.0	1110.8	3.361	3.281	34.501	27.460	32.628	27.453	70.2	15.883	90.2	1481.8	11226.4	4.0
1140.0	1130.6	3.339	3.257	34.504	27.465	32.724	27.457	69.9	16.023	90.2	1482.1	11541.8	4.0
1160.0	1150.3	3.302	3.219	34.507	27.471	32.823	27.463	69.3	16.162	90.2	1482.3	11859.8	2.0
1180.0	1170.1	3.260	3.176	34.512	27.479	32.923	27.471	68.6	16.300	90.2	1482.4	12180.6	.6
1200.0	1189.8	3.230	3.144	34.516	27.485	33.021	27.477	68.1	16.437	90.2	1482.6	12504.1	7.0
1220.0	1209.6	3.200	3.113	34.521	27.492	33.120	27.484	67.5	16.573	90.2	1482.8	12830.2	-.6
1240.0	1229.4	3.143	3.055	34.526	27.502	33.222	27.494	66.6	16.708	90.3	1482.9	13159.0	5.9
1260.0	1249.1	3.141	3.052	34.528	27.504	33.315	27.496	66.6	16.841	90.2	1483.3	13490.3	-1.4
1280.0	1268.9	3.127	3.036	34.528	27.505	33.408	27.497	66.6	16.974	90.2	1483.5	13824.3	-.6
1298.0	1286.7	3.077	2.985	34.532	27.513	33.499	27.504	65.8	17.093	90.2	1483.6	14127.1	.0

Station 16 Latitude 32° 29.20'N Longitude 127° 54.71'W 27 Apr 1991 GMT :53 Bottom 3150 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.246	15.246	33.206	24.536	24.536	24.536	339.0	.000	89.3	1506.0	.0	.0
10.0	10.0	15.250	15.249	33.203	24.534	24.578	24.534	339.5	.339	89.4	1506.1	1.7	2.8
20.0	19.9	15.222	15.219	33.202	24.540	24.628	24.539	339.2	.679	89.3	1506.2	6.8	4.0
30.0	29.9	14.931	14.927	33.188	24.592	24.724	24.591	334.6	1.017	89.3	1505.4	15.2	136.9
40.0	39.8	14.737	14.731	33.222	24.660	24.837	24.659	328.3	1.348	89.5	1505.0	27.0	63.9
50.0	49.8	14.519	14.512	33.215	24.701	24.922	24.700	324.7	1.674	89.4	1504.5	42.1	11.2
60.0	59.8	14.484	14.475	33.219	24.712	24.978	24.711	323.9	1.998	89.5	1504.5	60.3	14.1
70.0	69.7	14.424	14.414	33.214	24.721	25.031	24.719	323.3	2.322	89.5	1504.5	81.9	17.3
80.0	79.7	14.433	14.422	33.248	24.746	25.100	24.743	321.3	2.644	89.5	1504.7	106.6	22.9
90.0	89.7	14.413	14.400	33.258	24.758	25.157	24.756	320.4	2.965	89.4	1504.8	134.5	.7
100.0	99.6	14.438	14.424	33.275	24.766	25.208	24.763	319.9	3.285	89.2	1505.1	165.6	19.4
110.0	109.6	14.270	14.254	33.318	24.835	25.322	24.832	313.6	3.602	89.2	1504.8	199.9	79.1
120.0	119.5	12.910	12.894	33.136	24.970	25.505	24.967	300.7	3.908	89.4	1500.2	237.3	90.0
130.0	129.5	11.579	11.563	33.028	25.139	25.722	25.137	284.6	4.200	89.6	1495.6	277.7	155.3
140.0	139.4	10.741	10.724	33.049	25.306	25.935	25.303	268.8	4.477	89.8	1492.8	320.9	159.0
150.0	149.4	10.183	10.165	33.104	25.445	26.121	25.442	255.6	4.740	90.1	1491.1	366.8	129.9
160.0	159.3	9.743	9.725	33.249	25.631	26.353	25.628	238.1	4.986	90.1	1489.8	415.1	106.4
170.0	169.3	9.557	9.539	33.365	25.752	26.520	25.749	226.7	5.219	90.1	1489.4	465.9	63.3
180.0	179.2	9.481	9.461	33.483	25.857	26.670	25.854	217.0	5.442	90.2	1489.5	518.9	143.0
190.0	189.2	9.400	9.379	33.594	25.957	26.816	25.953	207.6	5.654	90.2	1489.5	574.1	128.9
200.0	199.1	9.256	9.234	33.722	26.081	26.985	26.077	196.1	5.854	90.2	1489.3	631.3	28.5
210.0	209.0	9.163	9.141	33.780	26.140	27.090	26.137	190.5	6.049	90.2	1489.2	690.5	46.3
220.0	219.0	9.117	9.093	33.813	26.174	27.169	26.170	187.6	6.238	90.2	1489.2	751.5	22.6
230.0	228.9	9.091	9.066	33.840	26.200	27.240	26.196	185.3	6.425	90.2	1489.3	814.4	77.7
240.0	238.9	8.979	8.954	33.886	26.254	27.340	26.250	180.3	6.607	90.2	1489.1	879.2	33.4
250.0	248.8	8.826	8.800	33.943	26.322	27.454	26.318	174.0	6.786	90.2	1488.8	945.7	95.5
260.0	258.7	8.691	8.664	33.975	26.368	27.546	26.364	169.7	6.957	90.2	1488.4	1014.0	22.0
270.0	268.7	8.592	8.564	33.988	26.394	27.618	26.390	167.4	7.126	90.2	1488.3	1084.0	14.4
280.0	278.6	8.389	8.360	34.012	26.444	27.714	26.440	162.7	7.292	90.2	1487.7	1155.6	29.3
290.0	288.5	8.185	8.155	34.007	26.471	27.787	26.466	160.3	7.454	90.2	1487.1	1228.8	41.2
300.0	298.5	8.058	8.028	34.013	26.495	27.857	26.490	158.2	7.613	90.2	1486.7	1303.6	38.0
310.0	308.4	7.768	7.737	34.018	26.541	27.951	26.537	153.7	7.769	90.2	1485.8	1380.0	61.4
320.0	318.3	7.685	7.654	34.034	26.566	28.022	26.562	151.5	7.921	90.3	1485.7	1457.9	12.5
330.0	328.3	7.592	7.560	34.026	26.573	28.075	26.569	150.9	8.073	90.2	1485.5	1537.3	12.2
340.0	338.2	7.426	7.394	34.059	26.623	28.171	26.618	146.3	8.221	90.3	1485.0	1618.2	30.0
350.0	348.1	7.338	7.305	34.057	26.634	28.228	26.629	145.3	8.367	90.3	1484.8	1700.6	19.7
360.0	358.0	7.009	6.976	34.030	26.659	28.301	26.654	142.9	8.511	90.3	1483.7	1784.4	3.0
370.0	368.0	6.819	6.785	34.028	26.683	28.373	26.678	140.6	8.653	90.3	1483.1	1869.6	22.6
380.0	377.9	6.752	6.717	34.029	26.692	28.428	26.688	139.8	8.793	90.3	1483.0	1956.1	-.9
390.0	387.8	6.692	6.656	34.030	26.701	28.483	26.696	139.1	8.932	90.4	1482.9	2044.1	7.3
400.0	397.7	6.619	6.582	34.031	26.712	28.540	26.707	138.1	9.071	90.4	1482.8	2133.5	18.4
410.0	407.7	6.472	6.435	34.040	26.738	28.614	26.733	135.6	9.208	90.4	1482.4	2224.2	4.1
420.0	417.6	6.357	6.320	34.048	26.760	28.681	26.755	133.7	9.342	90.4	1482.1	2316.2	29.2
430.0	427.5	6.179	6.142	34.053	26.786	28.756	26.781	131.1	9.474	90.4	1481.6	2409.6	4.0
440.0	437.4	6.163	6.125	34.053	26.789	28.804	26.784	131.0	9.606	90.4	1481.7	2504.2	10.8
450.0	447.4	6.074	6.035	34.065	26.809	28.871	26.805	129.1	9.736	90.4	1481.5	2600.2	11.9
460.0	457.3	5.992	5.952	34.066	26.821	28.929	26.816	128.1	9.864	90.4	1481.3	2697.4	13.7
470.0	467.2	6.031	5.990	34.084	26.830	28.983	26.825	127.4	9.992	90.4	1481.7	2795.9	9.3
480.0	477.1	5.890	5.849	34.078	26.844	29.044	26.838	126.1	10.119	90.4	1481.2	2895.7	15.4
490.0	487.0	5.647	5.606	34.060	26.858	29.107	26.853	124.5	10.244	90.4	1480.4	2996.7	15.1
500.0	497.0	5.519	5.477	34.068	26.881	29.177	26.876	122.4	10.368	90.5	1480.1	3098.9	21.8
510.0	506.9	5.598	5.556	34.088	26.887	29.228	26.882	122.0	10.490	90.5	1480.6	3202.3	20.7
520.0	516.8	5.554	5.511	34.107	26.908	29.295	26.903	120.2	10.611	90.4	1480.6	3307.0	16.3
530.0	526.7	5.500	5.456	34.121	26.925	29.358	26.920	118.6	10.731	90.4	1480.5	3412.8	24.5
540.0	536.6	5.443	5.398	34.126	26.936	29.416	26.931	117.6	10.849	90.5	1480.5	3519.8	25.6
550.0	546.5	5.340	5.295	34.140	26.959	29.486	26.954	115.4	10.965	90.5	1480.2	3627.9	21.5
560.0	556.5	5.295	5.249	34.149	26.972	29.545	26.967	114.3	11.080	90.4	1480.2	3737.2	17.7
570.0	566.4	5.222	5.176	34.157	26.986	29.606	26.981	112.9	11.193	90.4	1480.1	3847.6	10.1
580.0	576.3	5.115	5.068	34.157	26.999	29.666	26.994	111.7	11.306	90.5	1479.8	3959.2	9.5
590.0	586.2	4.939	4.893	34.149	27.013	29.728	27.007	110.3	11.417	90.4	1479.3	4071.8	22.9
600.0	596.1	4.872	4.824	34.152	27.023	29.785	27.017	109.4	11.527	90.4	1479.2	4185.5	15.0
610.0	606.0	4.952	4.903	34.179	27.035	29.842	27.030	108.4	11.636	90.4	1479.7	4300.3	6.0
620.0	615.9	5.091	5.041	34.217	27.050	29.899	27.044	107.4	11.744	90.4	1480.5	4416.2	6.6
630.0	625.8	4.988	4.938	34.217	27.062	29.958	27.056	106.3	11.851	90.4	1480.2	4533.1	12.4
640.0	635.8	4.957	4.906	34.224	27.071	30.014	27.065	105.5	11.957	90.3	1480.3	4651.1	2.8
650.0	645.7	4.953	4.901	34.235	27.080	30.069	27.074	104.7	12.062	90.3	1480.4	4770.1	14.5
660.0	655.6	4.873	4.820	34.238	27.092	30.128	27.086	103.6	12.165	90.3	1480.3	4890.1	25.6
670.0	665.5	4.753	4.700	34.238	27.105	30.188	27.099	102.3	12.268	90.3	1479.9	5011.2	11.8
680.0	675.4	4.594	4.541	34.232	27.118	30.250	27.112	100.9	12.370	90.4	1479.4	5133.2	21.5
690.0	685.3	4.512	4.459	34.237	27.131	30.310	27.125	99.6	12.470	90.3	1479.3	5256.3	18.5
700.0	695.2	4.438	4.384	34.249	27.148	30.374	27.143	98.0	12.569	90.3	1479.1	5380.3	7.7
710.0	705.1	4.506	4.451	34.272	27.160	30.430	27.154	97.1	12.667	90.3	1479.6	5505.3	26.2
720.0	715.0	4.470	4.414	34.286	27.175	30.491	27.169	95.8	12.763	90.3	1479.6	5631.3	12.7
730.0	724.9	4.458	4.402	34.289	27.178	30.541	27.172	95.5	12.858	90.2	1479.8	5758.1	1.6
740.0	734.8	4.363	4.306	34.290	27.189	30.599	27.183	94.4	12.953	90.2	1479.5	5886.0	4.5
750.0	744.7	4.316	4.259	34.296	27.199	30.656	27.193	93.5	13.047	90.2	1479.5	6014.7	6.2
760.0	754.6	4.290	4.232	34.300	27.206	30.708	27.199	93.0	13.141	90.2	1479.6	6144.4	2.7
770.0	764.5	4.270	4.212	34.309	27.214	30.763	27.208	92.2	13.233	90.2	1479.7	6275.0	1.9
780.0	774.4	4.263	4.204	34.314	27.219	30.814	27.213	91.8	13.325	90.3	1479.8	6406.5	18.6
790.0	784.3	4.224	4.164	34.325	27.232	30.873	27.226	90.7	13.416	90.2	1479.8	6538.9	10.4
800.0	794.2	4.203	4.143	34.334	27.242	30.929	27.235	89.8	13.507	90.2	1479.9	6672.2	13.3
810.0	804.1	4.177	4.116	34.338	27.248	30.981	27.242	89.3	13.596	90.2	1480.0	6806.4	10.1
820.0	814.0	4.177	4.115	34.347	27.255	31.034	27.248	88.7	13.685	90.2	1480.1	6941.4	9.8
830.0	823.9	4.159	4.096	34.355	27.263	31.088	27.257	88.0	13.774	90.2	1480.2	7077.3	10.4
840.0	833.8	4.146	4.083	34.366	27.273	31.144	27.267	87.1	13.861	90.2	1480.4	7214.1	-2.5
850.0	843.7	4.168	4.104	34.378	27.281	31.197	27.274	86.6	13.948	90.2	1480.6	7351.7	13.9
860.0	853.6	4.124	4.059	34.384	27.290	31.253	27.283	85.7	14.034	90.2	1480.6	7490.2	11.6
870.0	863.5	4.076	4.011	34.391	27.301	31.310	27.294	84.7	14.119	90.2	1480.6	7629.5	8.1
880.0	873.4	4.040	3.974	34.397	27.309	31.365	27.302	83.9	14.204	90.2	1480.6	7769.7	11.3
890.0	883.3	3.995	3.928	34.402	27.317	31.420	27.311	83.1	14.287	90.2	1480.6	7910.7	9.8
900.0	893.2	3.969	3.902	34.406	27.324	31.472	27.317	82.6	14.370	90.2	1480.7	8052.5	1.3
910.0	903.1	3.944	3.876	34.412	27.331	31.526	27.324	81.9	14.452	90.2	1480.7	8195.1	7.5
920.0	913.0	3.930	3.862	34.417	27.337	31.577	27.330	81.5	14.534	90.2	1480.8	8338.5	3.1
930.0	922.9	3.915	3.846	34.420	27.341	31.628	27.334	81.1	14.615	90.2	1481.0	8482.7	3.4
940.0	932.8	3.866	3.797	34.430	27.354	31.687	27.346	79.9	14.696	90.2	1480.9	8627.7	4.6
950.0	942.7	3.833	3.763	34.434	27.360	31.740	27.353	79.3	14.775	90.2	1481.0	8773.4	1.1
960.0	952.6	3.822	3.751	34.436	27.363	31.789	27.356	79.1	14.854	90.5	1481.1	8920.0	4.0
970.0	962.5	3.803	3.731	34.440	27.368	31.840	27.361	78.7	14.933	90.2	1481.2	9067.3	8.7
980.0	972.4	3.791	3.718	34.442	27.371	31.889	27.364	78.5	15.012	90.2	1481.3	9215.4	4.0
990.0	982.3	3.763	3.690	34.442	27.374	31.938	27.367	78.2	15.090	90.2	1481.3	9364.3	1.4

Station 16 Latitude 32° 29.20'N Longitude 127° 54.71'W 27 Apr 1991 GMT :53 Bottom 3150 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.725	3.651	34.448	27.383	31.993	27.375	77.4	15.168	90.2	1481.3	9514.0	4.6
1020.0	1011.9	3.664	3.589	34.456	27.395	32.098	27.388	76.3	15.322	90.2	1481.4	9815.5	8.7
1040.0	1031.7	3.622	3.546	34.465	27.406	32.201	27.399	75.3	15.474	90.2	1481.6	10120.0	5.2
1060.0	1051.5	3.593	3.516	34.470	27.413	32.300	27.406	74.8	15.624	90.2	1481.8	10427.5	3.4
1080.0	1071.3	3.546	3.468	34.476	27.423	32.403	27.415	73.9	15.773	90.2	1481.9	10737.9	3.5
1100.0	1091.0	3.511	3.431	34.482	27.431	32.503	27.423	73.2	15.920	90.2	1482.1	11051.2	1.7
1120.0	1110.8	3.485	3.404	34.486	27.437	32.601	27.429	72.7	16.066	90.2	1482.4	11367.4	6.4
1140.0	1130.6	3.445	3.362	34.490	27.444	32.700	27.436	72.1	16.210	90.2	1482.5	11686.4	2.0
1160.0	1150.3	3.411	3.327	34.497	27.453	32.801	27.445	71.4	16.354	90.2	1482.7	12008.2	2.3
1180.0	1170.1	3.359	3.274	34.504	27.464	32.904	27.456	70.3	16.495	90.2	1482.8	12332.8	1.8
1200.0	1189.9	3.288	3.202	34.513	27.478	33.012	27.470	69.0	16.635	90.2	1482.9	12660.2	5.6
1220.0	1209.6	3.263	3.175	34.517	27.484	33.109	27.476	68.5	16.772	90.2	1483.1	12990.2	7.0
1240.0	1229.4	3.212	3.123	34.523	27.493	33.211	27.485	67.7	16.909	90.2	1483.2	13323.0	9.7
1260.0	1249.1	3.167	3.077	34.524	27.498	33.309	27.490	67.2	17.044	90.2	1483.4	13658.3	1.5
1280.0	1268.9	3.132	3.041	34.525	27.502	33.405	27.494	66.8	17.178	90.2	1483.6	13996.3	5.0
1300.0	1288.6	3.096	3.004	34.529	27.509	33.504	27.500	66.3	17.311	90.2	1483.7	14336.9	5.0
1320.0	1308.4	3.065	2.971	34.533	27.515	33.602	27.506	65.8	17.443	90.2	1483.9	14680.1	1.5
1340.0	1328.1	3.031	2.936	34.537	27.521	33.700	27.513	65.2	17.574	90.2	1484.1	15025.9	2.7
1360.0	1347.9	3.005	2.909	34.539	27.525	33.796	27.517	64.9	17.704	90.2	1484.4	15374.2	8.0
1380.0	1367.6	2.955	2.858	34.545	27.535	33.898	27.526	64.0	17.833	90.2	1484.5	15725.0	2.7
1400.0	1387.4	2.931	2.832	34.548	27.539	33.994	27.530	63.6	17.961	90.2	1484.7	16078.3	1.0
1420.0	1407.1	2.885	2.784	34.551	27.546	34.094	27.537	62.9	18.087	90.2	1484.9	16434.1	3.6
1440.0	1426.8	2.859	2.757	34.552	27.550	34.189	27.541	62.7	18.212	90.2	1485.1	16792.3	.4
1460.0	1446.6	2.824	2.722	34.557	27.556	34.288	27.547	62.0	18.337	90.2	1485.3	17153.0	3.7
1480.0	1466.3	2.791	2.687	34.560	27.562	34.386	27.553	61.5	18.461	90.2	1485.5	17516.1	-.1
1500.0	1486.1	2.766	2.661	34.562	27.566	34.481	27.557	61.2	18.584	90.2	1485.7	17881.6	5.7
1520.0	1505.8	2.746	2.639	34.564	27.569	34.576	27.560	60.9	18.706	90.3	1485.9	18249.4	3.7
1540.0	1525.5	2.715	2.607	34.566	27.574	34.673	27.565	60.5	18.827	90.3	1486.1	18619.6	2.8
1560.0	1545.2	2.678	2.568	34.569	27.580	34.770	27.570	60.0	18.948	90.3	1486.3	18992.2	6.9
1580.0	1564.9	2.639	2.528	34.573	27.586	34.869	27.576	59.3	19.067	90.2	1486.5	19367.1	.8
1600.0	1584.7	2.610	2.498	34.575	27.591	34.965	27.581	58.9	19.185	90.3	1486.7	19744.3	6.7
1620.0	1604.4	2.583	2.470	34.577	27.594	35.061	27.585	58.6	19.302	90.3	1486.9	20123.8	4.0
1640.0	1624.1	2.551	2.437	34.579	27.599	35.157	27.589	58.1	19.419	90.3	1487.1	20505.6	-.6
1660.0	1643.8	2.516	2.401	34.583	27.605	35.255	27.595	57.6	19.535	90.3	1487.3	20889.6	3.2
1680.0	1663.6	2.478	2.361	34.586	27.611	35.353	27.601	57.0	19.650	90.3	1487.5	21275.9	5.8
1700.0	1683.3	2.463	2.345	34.587	27.613	35.446	27.603	56.8	19.764	90.3	1487.7	21664.3	5.0
1720.0	1703.0	2.424	2.304	34.590	27.619	35.545	27.609	56.2	19.877	90.3	1487.9	22055.0	7.0
1740.0	1722.7	2.390	2.270	34.593	27.624	35.642	27.614	55.7	19.989	90.3	1488.1	22447.9	5.0
1760.0	1742.4	2.355	2.234	34.596	27.629	35.739	27.619	55.2	20.100	90.3	1488.3	22842.9	1.2
1780.0	1762.1	2.342	2.219	34.597	27.631	35.832	27.621	55.1	20.210	90.3	1488.6	23240.0	2.1
1800.0	1781.8	2.318	2.193	34.599	27.635	35.927	27.625	54.7	20.320	90.3	1488.8	23639.3	1.2
1820.0	1801.5	2.276	2.150	34.603	27.641	36.026	27.631	54.0	20.428	90.3	1489.0	24040.7	2.1
1840.0	1821.2	2.254	2.128	34.604	27.644	36.120	27.634	53.8	20.536	90.3	1489.2	24444.2	1.5
1860.0	1840.9	2.242	2.114	34.607	27.648	36.215	27.637	53.5	20.643	90.4	1489.5	24849.7	-2.3
1880.0	1860.6	2.234	2.104	34.607	27.648	36.306	27.638	53.5	20.751	90.3	1489.8	25257.4	1.9
1900.0	1880.3	2.218	2.087	34.608	27.651	36.400	27.640	53.3	20.857	90.3	1490.1	25667.1	1.3
1920.0	1900.0	2.202	2.069	34.609	27.653	36.493	27.642	53.1	20.964	90.3	1490.3	26078.8	1.0
1940.0	1919.7	2.193	2.058	34.610	27.654	36.584	27.643	53.1	21.070	90.4	1490.6	26492.7	-.4
1960.0	1939.3	2.178	2.042	34.611	27.657	36.678	27.646	52.9	21.176	90.3	1490.9	26908.5	-.4
1980.0	1959.0	2.153	2.015	34.614	27.661	36.774	27.650	52.4	21.281	90.4	1491.1	27326.4	1.1
2000.0	1978.7	2.132	1.993	34.616	27.665	36.868	27.654	52.1	21.385	90.3	1491.4	27746.3	3.1
2050.0	2027.9	2.076	1.934	34.622	27.674	37.106	27.663	51.2	21.643	90.3	1492.0	28804.9	1.4
2098.0	2075.1	2.025	1.880	34.627	27.682	37.333	27.671	50.4	21.887	90.3	1492.6	29832.8	.0

Station 17 Latitude 32° 31.95'N Longitude 128° 02.46'W 27 Apr 1991 GMT 3:11 Bottom 4450 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.309	15.309	33.255	24.560	24.560	24.560	336.6	.000	89.3	1506.2	.0	.0
10.0	10.0	15.317	15.316	33.254	24.558	24.602	24.558	337.2	.337	89.3	1506.4	1.7	-.4
20.0	19.9	15.323	15.320	33.254	24.557	24.645	24.556	337.6	.674	89.4	1506.6	6.7	-3.6
30.0	29.9	15.369	15.364	33.308	24.589	24.722	24.588	334.8	1.011	89.3	1507.0	15.1	122.6
40.0	39.8	15.334	15.328	33.426	24.688	24.864	24.686	325.7	1.340	89.4	1507.2	26.8	7.0
50.0	49.8	15.332	15.324	33.432	24.694	24.914	24.692	325.5	1.665	89.3	1507.3	41.8	.8
60.0	59.8	15.353	15.344	33.447	24.700	24.965	24.698	325.1	1.991	89.4	1507.6	60.0	6.7
70.0	69.7	15.332	15.321	33.472	24.725	25.033	24.722	323.1	2.315	89.4	1507.7	81.5	41.5
80.0	79.7	15.326	15.314	33.491	24.741	25.094	24.738	321.9	2.637	89.5	1507.9	106.1	2.0
90.0	89.7	15.358	15.345	33.503	24.743	25.139	24.740	322.0	2.959	89.4	1508.2	134.0	5.0
100.0	99.6	15.255	15.240	33.505	24.768	25.208	24.765	319.9	3.281	89.3	1508.0	165.1	55.0
110.0	109.6	15.348	15.331	33.639	24.851	25.335	24.847	312.4	3.598	89.1	1508.6	199.3	109.2
120.0	119.5	13.919	13.902	33.516	25.061	25.593	25.058	292.3	3.903	89.4	1504.0	236.7	253.3
130.0	129.5	11.434	11.418	33.151	25.261	25.844	25.258	273.0	4.188	89.8	1495.3	276.9	210.1
140.0	139.4	10.736	10.719	33.082	25.332	25.961	25.329	266.3	4.457	89.9	1492.9	320.0	19.9
150.0	149.4	10.514	10.496	33.143	25.418	26.093	25.415	258.3	4.722	90.1	1492.3	365.6	287.8
160.0	159.3	9.950	9.932	33.208	25.565	26.287	25.562	244.4	4.973	90.2	1490.5	413.9	148.6
170.0	169.3	9.723	9.704	33.317	25.687	26.455	25.684	232.9	5.213	90.2	1490.0	464.5	208.6
180.0	179.2	9.604	9.584	33.399	25.772	26.585	25.768	225.1	5.441	90.2	1489.8	517.5	128.4
190.0	189.2	9.471	9.450	33.528	25.894	26.752	25.890	213.6	5.658	90.2	1489.6	572.7	86.8
200.0	199.1	9.183	9.162	33.670	26.052	26.956	26.048	198.8	5.862	90.2	1488.9	630.0	7.4
210.0	209.0	9.130	9.108	33.713	26.093	27.043	26.090	195.0	6.060	90.2	1488.9	689.2	53.6
220.0	219.0	9.045	9.021	33.810	26.184	27.179	26.180	186.6	6.252	90.2	1488.9	750.4	25.2
230.0	228.9	8.922	8.898	33.850	26.234	27.275	26.230	182.0	6.436	90.2	1488.7	813.5	37.8
240.0	238.9	8.837	8.812	33.885	26.275	27.361	26.271	178.3	6.617	90.2	1488.6	878.3	56.0
250.0	248.8	8.586	8.560	33.937	26.355	27.488	26.351	170.8	6.792	90.2	1487.8	945.0	80.5
260.0	258.7	8.469	8.442	33.956	26.388	27.567	26.384	167.8	6.961	90.2	1487.6	1013.3	13.4
270.0	268.7	8.331	8.303	33.982	26.429	27.654	26.425	164.0	7.128	90.2	1487.3	1083.3	41.8
280.0	278.6	8.256	8.228	33.994	26.450	27.721	26.446	162.1	7.291	90.2	1487.1	1154.9	34.8
290.0	288.5	8.138	8.108	34.009	26.480	27.796	26.475	159.4	7.451	90.3	1486.9	1228.1	16.3
300.0	298.5	8.045	8.015	34.018	26.500	27.863	26.496	157.6	7.610	90.3	1486.7	1302.9	19.0
310.0	308.4	7.865	7.834	34.024	26.532	27.941	26.527	154.7	7.766	90.3	1486.2	1379.2	30.9
320.0	318.3	7.805	7.773	34.022	26.539	27.994	26.535	154.1	7.920	90.3	1486.1	1457.1	6.3
330.0	328.3	7.654	7.622	34.020	26.560	28.061	26.555	152.3	8.074	90.3	1485.7	1536.5	71.3
340.0	338.2	7.398	7.365	34.019	26.595	28.144	26.591	148.9	8.224	90.3	1484.9	1617.5	8.9
350.0	348.1	7.301	7.268	34.019	26.609	28.204	26.605	147.6	8.372	90.3	1484.6	1699.8	9.8
360.0	358.0	7.146	7.112	34.016	26.628	28.270	26.624	145.8	8.519	90.4	1484.2	1783.7	20.3
370.0	368.0	7.088	7.053	34.012	26.633	28.321	26.628	145.5	8.665	90.4	1484.1	1869.0	-1.7
380.0	377.9	7.019	6.983	34.007	26.639	28.373	26.635	145.0	8.810	90.4	1484.0	1955.7	6.2
390.0	387.8	6.739	6.703	34.017	26.685	28.467	26.680	140.6	8.953	90.4	1483.1	2043.9	69.4
400.0	397.7	6.523	6.487	34.022	26.718	28.547	26.713	137.5	9.092	90.4	1482.4	2133.4	26.6
410.0	407.7	6.464	6.427	34.021	26.724	28.600	26.719	137.0	9.229	90.4	1482.3	2224.4	1.4
420.0	417.6	6.358	6.320	34.021	26.739	28.660	26.734	135.7	9.366	90.4	1482.1	2316.6	6.7
430.0	427.5	6.288	6.250	34.026	26.751	28.720	26.747	134.5	9.501	90.4	1482.0	2410.2	14.6
440.0	437.4	6.169	6.130	34.028	26.769	28.783	26.764	132.9	9.635	90.5	1481.6	2505.2	15.7
450.0	447.4	6.098	6.059	34.042	26.789	28.850	26.784	131.1	9.767	90.4	1481.5	2601.4	11.3
460.0	457.3	6.011	5.971	34.051	26.806	28.914	26.801	129.5	9.897	90.5	1481.4	2699.0	7.2
470.0	467.2	5.950	5.910	34.057	26.819	28.973	26.814	128.3	10.027	90.5	1481.3	2797.8	35.9
480.0	477.1	5.892	5.851	34.064	26.832	29.032	26.826	127.2	10.154	90.5	1481.2	2897.9	12.8
490.0	487.0	5.858	5.816	34.073	26.843	29.090	26.838	126.2	10.281	90.5	1481.3	2999.3	16.9
500.0	497.0	5.721	5.679	34.073	26.860	29.154	26.855	124.6	10.406	90.5	1480.9	3101.9	31.2
510.0	506.9	5.589	5.546	34.077	26.879	29.220	26.874	122.8	10.530	90.5	1480.5	3205.7	24.5
520.0	516.8	5.559	5.516	34.082	26.887	29.274	26.882	122.1	10.652	90.5	1480.6	3310.7	11.6
530.0	526.7	5.453	5.409	34.084	26.901	29.335	26.896	120.8	10.773	90.5	1480.3	3417.0	3.1
540.0	536.6	5.356	5.312	34.089	26.917	29.398	26.912	119.3	10.893	90.5	1480.1	3524.4	1.3
550.0	546.5	5.389	5.344	34.120	26.937	29.463	26.932	117.6	11.012	90.5	1480.4	3633.0	17.1
560.0	556.5	5.354	5.308	34.124	26.945	29.517	26.940	116.9	11.129	90.5	1480.4	3742.8	9.2
570.0	566.4	5.308	5.262	34.133	26.958	29.576	26.952	115.8	11.246	90.4	1480.4	3853.7	10.1
580.0	576.3	5.239	5.192	34.140	26.971	29.636	26.966	114.5	11.361	90.4	1480.3	3965.8	6.0
590.0	586.2	5.240	5.192	34.154	26.982	29.693	26.976	113.6	11.475	90.4	1480.5	4079.0	11.9
600.0	596.1	5.162	5.113	34.173	27.007	29.764	27.001	111.3	11.587	90.4	1480.4	4193.3	24.7
610.0	606.0	5.064	5.015	34.180	27.023	29.828	27.018	109.7	11.697	90.4	1480.1	4308.7	5.7
620.0	615.9	4.953	4.903	34.189	27.043	29.895	27.038	107.8	11.806	90.4	1479.9	4425.2	25.3
630.0	625.8	4.917	4.867	34.195	27.053	29.951	27.047	107.0	11.914	90.4	1479.9	4542.7	27.3
640.0	635.8	4.818	4.767	34.202	27.069	30.015	27.064	105.4	12.020	90.3	1479.7	4661.3	10.9
650.0	645.7	4.784	4.733	34.214	27.083	30.074	27.077	104.2	12.125	90.3	1479.7	4780.9	12.7
660.0	655.6	4.774	4.722	34.236	27.101	30.139	27.096	102.5	12.228	90.3	1479.8	4901.6	17.1
670.0	665.5	4.741	4.688	34.250	27.116	30.199	27.110	101.2	12.330	90.3	1479.9	5023.3	13.0
680.0	675.4	4.674	4.621	34.247	27.121	30.251	27.115	100.8	12.431	90.3	1479.8	5145.9	7.4
690.0	685.3	4.632	4.578	34.254	27.131	30.308	27.125	99.8	12.531	90.3	1479.8	5269.6	6.8
700.0	695.2	4.594	4.540	34.261	27.141	30.364	27.135	98.9	12.631	90.2	1479.8	5394.2	22.7
710.0	705.1	4.603	4.548	34.273	27.150	30.419	27.144	98.2	12.729	90.2	1480.0	5519.8	2.2
720.0	715.0	4.655	4.599	34.294	27.161	30.474	27.155	97.4	12.827	90.2	1480.4	5646.4	10.7
730.0	724.9	4.599	4.542	34.298	27.170	30.530	27.164	96.6	12.924	90.2	1480.4	5774.0	8.0
740.0	734.8	4.559	4.502	34.305	27.180	30.586	27.174	95.6	13.020	90.2	1480.4	5902.4	5.1
750.0	744.7	4.520	4.462	34.314	27.192	30.645	27.186	94.6	13.115	90.2	1480.4	6031.9	5.7
760.0	754.6	4.486	4.427	34.321	27.201	30.699	27.194	93.8	13.209	90.2	1480.4	6162.2	3.7
770.0	764.5	4.476	4.416	34.330	27.209	30.754	27.203	93.1	13.303	90.2	1480.5	6293.5	9.2
780.0	774.5	4.439	4.378	34.337	27.219	30.810	27.212	92.2	13.395	90.2	1480.6	6425.7	7.2
790.0	784.3	4.408	4.347	34.341	27.225	30.862	27.219	91.7	13.487	90.2	1480.6	6558.8	9.5
800.0	794.3	4.384	4.323	34.348	27.234	30.917	27.227	90.9	13.578	90.2	1480.7	6692.8	8.1
810.0	804.2	4.334	4.272	34.355	27.244	30.974	27.238	89.9	13.669	90.2	1480.6	6827.6	8.4
820.0	814.0	4.286	4.223	34.359	27.253	31.029	27.246	89.1	13.758	90.2	1480.6	6963.4	11.0
830.0	824.0	4.265	4.202	34.362	27.258	31.080	27.251	88.7	13.847	90.2	1480.7	7100.1	6.0
840.0	833.8	4.246	4.182	34.372	27.268	31.136	27.261	87.9	13.936	90.2	1480.8	7237.6	5.4
850.0	843.8	4.207	4.143	34.378	27.277	31.192	27.270	87.0	14.023	90.2	1480.8	7376.0	5.7
860.0	853.6	4.176	4.111	34.385	27.286	31.247	27.279	86.2	14.110	90.2	1480.8	7515.2	5.1
870.0	863.5	4.140	4.075	34.392	27.295	31.302	27.288	85.4	14.195	90.2	1480.9	7655.3	6.0
880.0	873.4	4.110	4.043	34.396	27.302	31.356	27.295	84.8	14.280	90.2	1480.9	7796.2	8.7
890.0	883.3	4.087	4.019	34.402	27.309	31.409	27.302	84.2	14.365	90.2	1481.0	7937.9	12.5
900.0	893.2	4.065	3.997	34.406	27.314	31.460	27.307	83.7	14.449	90.2	1481.1	8080.5	6.0
910.0	903.1	4.047	3.979	34.410	27.319	31.511	27.312	83.3	14.532	90.2	1481.2	8223.9	1.4
920.0	913.0	4.018	3.949	34.415	27.326	31.564	27.319	82.7	14.615	90.2	1481.2	8368.1	6.0
930.0	922.9	3.998	3.929	34.418	27.331	31.615	27.324	82.3	14.698	90.2	1481.3	8513.1	6.9
940.0	932.8	3.955	3.885	34.423	27.339	31.670	27.332	81.5	14.780	90.2	1481.3	8658.9	12.2
950.0	942.7	3.918	3.847	34.430	27.348	31.726	27.341	80.7	14.861	90.2	1481.3	8805.5	7.5
960.0	952.6	3.884	3.813	34.431	27.352	31.777	27.345	80.3	14.941	90.2	1481.3	8952.9	5.8
970.0	962.5	3.865	3.793	34.437	27.359	31.829	27.352	79.7	15.021	90.2	1481.4	9101.1	3.7
980.0	972.4	3.837	3.764	34.442	27.366	31.882	27.359	79.1	15.101	90.2	1481.5	9250.1	7.8
990.0	982.3	3.801	3.728	34.444	27.372	31.935	27.364	78.5	15.179	90.2	1481.5	9399.9	4.3

Station 17 Latitude 32° 31.95'N Longitude 128° 02.46'W 27 Apr 1991 GMT 3:11 Bottom 4450 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.781	3.707	34.446	27.375	31.984	27.368	78.3	15.258	90.2	1481.6	9550.4	13.4
1020.0	1011.9	3.712	3.637	34.453	27.388	32.090	27.381	77.0	15.413	90.2	1481.6	9853.7	1.4
1040.0	1031.7	3.684	3.608	34.460	27.397	32.190	27.389	76.4	15.566	90.2	1481.8	10160.1	7.0
1060.0	1051.5	3.618	3.541	34.467	27.409	32.296	27.401	75.2	15.718	90.2	1481.9	10469.4	4.0
1080.0	1071.3	3.567	3.488	34.477	27.422	32.401	27.414	74.1	15.867	90.2	1482.0	10781.7	5.8
1100.0	1091.0	3.527	3.447	34.483	27.431	32.502	27.423	73.3	16.014	90.2	1482.2	11096.8	1.1
1120.0	1110.8	3.465	3.384	34.492	27.443	32.607	27.435	72.1	16.160	90.2	1482.3	11414.9	5.5
1140.0	1130.6	3.415	3.333	34.497	27.453	32.709	27.445	71.3	16.303	90.2	1482.4	11735.7	7.0
1160.0	1150.3	3.379	3.295	34.499	27.458	32.807	27.450	70.8	16.445	90.2	1482.6	12059.4	3.5
1180.0	1170.1	3.320	3.235	34.506	27.469	32.910	27.461	69.8	16.586	90.2	1482.7	12385.8	6.1
1200.0	1189.9	3.269	3.183	34.510	27.477	33.011	27.469	69.0	16.725	90.2	1482.8	12714.9	2.0
1220.0	1209.6	3.229	3.142	34.515	27.485	33.111	27.476	68.3	16.862	90.2	1483.0	13046.7	4.7
1240.0	1229.4	3.200	3.111	34.520	27.491	33.210	27.483	67.8	16.998	90.2	1483.2	13381.2	2.1
1260.0	1249.1	3.168	3.079	34.523	27.497	33.308	27.489	67.3	17.133	90.2	1483.4	13718.4	2.1
1280.0	1268.9	3.137	3.046	34.526	27.502	33.405	27.494	66.8	17.267	90.2	1483.6	14058.1	.3
1300.0	1288.6	3.112	3.019	34.528	27.506	33.501	27.498	66.5	17.401	90.2	1483.8	14400.5	5.3
1320.0	1308.4	3.088	2.993	34.530	27.511	33.597	27.502	66.2	17.533	90.2	1484.0	14745.5	5.3
1340.0	1328.1	3.047	2.952	34.534	27.518	33.696	27.509	65.6	17.665	90.2	1484.2	15093.0	1.8
1360.0	1347.9	3.012	2.915	34.537	27.523	33.794	27.514	65.1	17.796	90.2	1484.4	15443.1	.4
1380.0	1367.6	2.993	2.895	34.540	27.528	33.890	27.519	64.7	17.926	90.2	1484.6	15795.7	2.7
1400.0	1387.4	2.951	2.852	34.544	27.535	33.989	27.526	64.1	18.055	90.2	1484.8	16150.9	3.6
1420.0	1407.1	2.917	2.817	34.548	27.541	34.087	27.532	63.5	18.182	90.2	1485.0	16508.5	2.2
1440.0	1426.8	2.870	2.769	34.551	27.548	34.187	27.539	62.9	18.308	90.2	1485.1	16868.7	3.1
1460.0	1446.6	2.835	2.732	34.556	27.554	34.285	27.545	62.2	18.433	90.2	1485.3	17231.2	5.4
1480.0	1466.3	2.799	2.695	34.559	27.560	34.383	27.551	61.7	18.557	90.3	1485.5	17596.2	1.0
1500.0	1486.1	2.752	2.647	34.563	27.567	34.483	27.558	61.0	18.680	90.3	1485.6	17963.6	3.1
1520.0	1505.8	2.722	2.616	34.564	27.572	34.579	27.563	60.6	18.802	90.3	1485.8	18333.3	1.0
1540.0	1525.5	2.690	2.582	34.568	27.577	34.677	27.568	60.1	18.922	90.3	1486.0	18705.5	-1.3
1560.0	1545.2	2.650	2.541	34.571	27.583	34.775	27.574	59.5	19.042	90.3	1486.2	19079.9	.8
1580.0	1565.0	2.621	2.510	34.573	27.588	34.871	27.578	59.1	19.160	90.2	1486.4	19456.7	.8
1600.0	1584.7	2.589	2.478	34.576	27.593	34.968	27.583	58.6	19.278	90.3	1486.6	19835.7	3.1
1620.0	1604.4	2.561	2.448	34.578	27.597	35.064	27.587	58.2	19.395	90.3	1486.8	20217.0	4.9
1640.0	1624.1	2.531	2.417	34.581	27.602	35.161	27.592	57.8	19.511	90.3	1487.0	20600.6	-.3
1660.0	1643.8	2.511	2.395	34.583	27.605	35.256	27.595	57.5	19.627	90.3	1487.3	20986.4	5.2
1680.0	1663.6	2.493	2.377	34.583	27.607	35.349	27.597	57.4	19.742	90.3	1487.5	21374.5	7.3
1700.0	1683.3	2.445	2.327	34.588	27.615	35.450	27.605	56.6	19.856	90.3	1487.7	21764.8	2.9
1720.0	1703.0	2.414	2.295	34.591	27.620	35.546	27.610	56.1	19.968	90.3	1487.9	22157.3	1.5
1740.0	1722.7	2.385	2.264	34.592	27.624	35.642	27.614	55.7	20.080	90.3	1488.1	22551.9	2.6
1760.0	1742.4	2.364	2.242	34.595	27.627	35.737	27.617	55.4	20.191	90.3	1488.3	22948.7	7.6
1780.0	1762.1	2.331	2.208	34.597	27.632	35.834	27.622	54.9	20.302	90.3	1488.5	23347.7	4.7
1800.0	1781.8	2.300	2.175	34.600	27.637	35.931	27.627	54.4	20.411	90.3	1488.7	23748.8	1.8
1820.0	1801.5	2.276	2.151	34.602	27.641	36.026	27.631	54.1	20.519	90.3	1489.0	24152.0	.1
1840.0	1821.2	2.259	2.132	34.604	27.643	36.119	27.633	53.9	20.628	90.3	1489.2	24557.2	7.1
1860.0	1840.9	2.235	2.107	34.605	27.647	36.214	27.637	53.5	20.735	90.3	1489.5	24964.6	1.3
1880.0	1860.6	2.219	2.089	34.607	27.650	36.308	27.639	53.3	20.842	90.3	1489.7	25374.0	4.8
1900.0	1880.3	2.182	2.051	34.611	27.656	36.406	27.645	52.7	20.947	90.3	1489.9	25785.5	.7
1920.0	1900.0	2.168	2.035	34.612	27.658	36.499	27.647	52.5	21.053	90.3	1490.2	26199.0	-2.2
1940.0	1919.7	2.144	2.010	34.615	27.663	36.595	27.652	52.1	21.157	90.4	1490.4	26614.6	4.5
1960.0	1939.3	2.134	1.998	34.615	27.663	36.686	27.652	52.1	21.262	90.3	1490.7	27032.2	3.7
1980.0	1959.0	2.113	1.977	34.617	27.666	36.781	27.656	51.8	21.365	90.3	1490.9	27451.7	-.1
2000.0	1978.7	2.097	1.959	34.619	27.670	36.875	27.659	51.5	21.469	90.3	1491.2	27873.3	1.1
2050.0	2027.9	2.069	1.928	34.621	27.674	37.106	27.663	51.2	21.725	90.4	1491.9	28935.9	1.4
2098.0	2075.1	2.033	1.888	34.625	27.680	37.330	27.668	50.7	21.969	90.4	1492.6	29967.6	.0

Station 18 Latitude 32° 11.11'N Longitude 128° 32.27'W 28 Apr 1991 GMT 7:45 Bottom 4450 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.821	15.821	33.517	24.649	24.649	24.649	328.2	.000	89.3	1508.2	.0	.0
10.0	10.0	15.821	15.819	33.518	24.649	24.694	24.649	328.5	.329	89.3	1508.3	1.6	2.6
20.0	19.9	15.827	15.824	33.518	24.648	24.736	24.648	328.9	.657	89.3	1508.5	6.5	2.9
30.0	29.9	15.796	15.791	33.525	24.661	24.793	24.660	328.0	.986	89.3	1508.6	14.7	51.5
40.0	39.8	15.728	15.722	33.553	24.698	24.874	24.697	324.7	1.311	89.3	1508.6	26.2	11.1
50.0	49.8	15.668	15.660	33.556	24.714	24.934	24.713	323.5	1.635	89.2	1508.5	40.9	11.7
60.0	59.8	15.559	15.550	33.536	24.723	24.987	24.721	323.0	1.959	89.2	1508.3	58.8	11.7
70.0	69.7	15.588	15.577	33.582	24.753	25.061	24.750	320.5	2.280	89.3	1508.6	79.9	29.0
80.0	79.7	15.695	15.683	33.659	24.788	25.140	24.785	317.5	2.599	89.3	1509.2	104.2	23.8
90.0	89.7	15.716	15.702	33.703	24.818	25.214	24.815	314.9	2.916	89.1	1509.5	131.6	20.6
100.0	99.6	15.656	15.641	33.708	24.835	25.275	24.832	313.6	3.230	88.9	1509.5	162.2	40.2
110.0	109.6	15.529	15.512	33.716	24.871	25.354	24.867	310.5	3.542	88.8	1509.3	195.9	32.3
120.0	119.5	15.175	15.157	33.718	24.951	25.479	24.947	303.2	3.850	89.0	1508.3	232.8	225.5
130.0	129.5	13.184	13.166	33.502	25.200	25.778	25.197	279.2	4.139	89.6	1501.7	272.5	252.9
140.0	139.4	11.798	11.780	33.391	25.381	26.007	25.378	261.9	4.409	89.9	1497.0	315.1	217.5
150.0	149.4	12.054	12.035	33.554	25.460	26.130	25.456	254.8	4.666	90.1	1498.3	360.2	68.2
160.0	159.3	11.092	11.073	33.485	25.583	26.301	25.580	243.1	4.914	90.2	1495.0	407.9	59.0
170.0	169.3	10.873	10.852	33.495	25.631	26.394	25.627	238.7	5.156	90.2	1494.4	458.0	106.1
180.0	179.2	10.001	9.981	33.506	25.789	26.601	25.786	223.5	5.386	90.3	1491.4	510.4	110.3
190.0	189.2	9.442	9.422	33.544	25.912	26.770	25.908	211.9	5.606	90.3	1489.6	565.1	179.0
200.0	199.1	9.220	9.198	33.589	25.982	26.887	25.979	205.4	5.815	90.3	1489.0	621.8	64.5
210.0	209.0	9.058	9.035	33.667	26.069	27.020	26.066	197.3	6.017	90.3	1488.6	680.7	119.5
220.0	219.0	8.889	8.866	33.758	26.167	27.163	26.163	188.1	6.209	90.3	1488.3	741.4	19.9
230.0	228.9	8.809	8.785	33.772	26.191	27.233	26.187	186.0	6.396	90.3	1488.1	804.1	19.9
240.0	238.9	8.686	8.661	33.821	26.248	27.336	26.244	180.7	6.580	90.4	1487.9	868.5	65.3
250.0	248.8	8.561	8.535	33.871	26.307	27.440	26.303	175.3	6.759	90.3	1487.7	934.8	37.5
260.0	258.7	8.477	8.450	33.909	26.350	27.529	26.346	171.3	6.933	90.3	1487.6	1002.9	42.4
270.0	268.7	8.350	8.322	33.939	26.393	27.618	26.389	167.4	7.102	90.3	1487.3	1072.6	29.2
280.0	278.6	8.185	8.157	33.967	26.440	27.711	26.435	163.1	7.267	90.4	1486.8	1143.9	25.1
290.0	288.5	8.074	8.045	33.988	26.472	27.790	26.468	160.1	7.429	90.3	1486.6	1216.9	44.7
300.0	298.5	8.008	7.978	33.992	26.486	27.848	26.481	159.0	7.588	90.3	1486.5	1291.5	35.1
310.0	308.4	7.920	7.889	34.003	26.508	27.917	26.503	157.0	7.746	90.3	1486.4	1367.7	43.0
320.0	318.3	7.720	7.689	33.998	26.533	27.988	26.528	154.7	7.901	90.4	1485.7	1445.4	29.4
330.0	328.3	7.556	7.524	34.005	26.562	28.064	26.557	152.0	8.055	90.3	1485.3	1524.6	26.2
340.0	338.2	7.416	7.383	34.009	26.585	28.133	26.580	149.8	8.206	90.4	1484.9	1605.3	23.2
350.0	348.1	7.259	7.226	34.011	26.609	28.204	26.604	147.6	8.354	90.4	1484.5	1687.5	18.8
360.0	358.0	7.138	7.104	34.009	26.624	28.266	26.619	146.3	8.501	90.4	1484.2	1771.2	13.2
370.0	368.0	6.994	6.959	34.022	26.654	28.343	26.649	143.4	8.646	90.4	1483.8	1856.3	42.8
380.0	377.9	6.860	6.825	34.023	26.673	28.408	26.668	141.7	8.789	90.4	1483.4	1942.9	22.3
390.0	387.8	6.747	6.711	34.037	26.700	28.481	26.695	139.3	8.929	90.4	1483.1	2030.8	23.4
400.0	397.8	6.651	6.615	34.047	26.720	28.548	26.715	137.4	9.068	90.4	1482.9	2120.1	20.2
410.0	407.7	6.566	6.529	34.062	26.743	28.617	26.738	135.3	9.204	90.4	1482.8	2210.8	14.0
420.0	417.6	6.448	6.410	34.069	26.765	28.685	26.760	133.3	9.338	90.4	1482.5	2302.8	18.4
430.0	427.5	6.350	6.312	34.074	26.782	28.749	26.777	131.7	9.470	90.4	1482.3	2396.1	14.6
440.0	437.4	6.322	6.283	34.094	26.801	28.814	26.796	130.1	9.601	90.4	1482.3	2490.7	12.0
450.0	447.4	6.181	6.142	34.096	26.820	28.881	26.815	128.2	9.730	90.4	1481.9	2586.6	19.6
460.0	457.3	6.127	6.086	34.095	26.827	28.933	26.822	127.7	9.858	90.4	1481.9	2683.8	4.6
470.0	467.2	6.085	6.044	34.105	26.840	28.992	26.835	126.5	9.985	90.4	1481.9	2782.2	14.3
480.0	477.1	6.018	5.977	34.118	26.859	29.058	26.854	124.8	10.111	90.4	1481.8	2881.9	12.8
490.0	487.0	5.914	5.872	34.130	26.881	29.127	26.876	122.7	10.235	90.4	1481.6	2982.8	15.4
500.0	497.0	5.960	5.917	34.154	26.894	29.185	26.889	121.7	10.357	90.5	1482.0	3085.0	14.0
510.0	506.9	5.815	5.772	34.150	26.909	29.247	26.904	120.2	10.478	90.4	1481.5	3188.3	14.0
520.0	516.8	5.809	5.765	34.167	26.924	29.307	26.919	119.0	10.598	90.4	1481.7	3292.8	12.5
530.0	526.7	5.712	5.667	34.170	26.938	29.368	26.933	117.7	10.716	90.4	1481.5	3398.5	9.3
540.0	536.6	5.703	5.658	34.177	26.945	29.421	26.940	117.1	10.833	90.5	1481.6	3505.3	10.5
550.0	546.5	5.666	5.620	34.185	26.956	29.478	26.950	116.2	10.950	90.4	1481.6	3613.3	9.6
560.0	556.5	5.562	5.515	34.181	26.965	29.534	26.960	115.3	11.066	90.4	1481.4	3722.5	15.7
570.0	566.4	5.380	5.333	34.180	26.986	29.604	26.981	113.2	11.180	90.4	1480.8	3832.8	7.2
580.0	576.3	5.391	5.343	34.194	26.996	29.659	26.990	112.4	11.293	90.4	1481.0	3944.2	17.2
590.0	586.2	5.368	5.319	34.208	27.010	29.719	27.004	111.2	11.404	90.4	1481.1	4056.7	-.7
600.0	596.1	5.281	5.232	34.208	27.020	29.776	27.014	110.2	11.515	90.4	1480.9	4170.3	11.9
610.0	606.0	5.168	5.119	34.206	27.032	29.834	27.026	109.1	11.625	90.4	1480.6	4285.0	5.7
620.0	616.0	5.106	5.056	34.215	27.046	29.896	27.041	107.7	11.733	90.4	1480.5	4400.7	20.6
630.0	625.9	5.057	5.006	34.222	27.058	29.954	27.052	106.7	11.840	90.4	1480.5	4517.5	18.9
640.0	635.8	4.958	4.907	34.224	27.071	30.014	27.065	105.5	11.946	90.3	1480.3	4635.4	6.0
650.0	645.7	4.936	4.884	34.239	27.085	30.074	27.079	104.2	12.051	90.3	1480.4	4754.3	18.0
660.0	655.6	4.903	4.850	34.249	27.097	30.132	27.091	103.2	12.155	90.3	1480.4	4874.3	4.5
670.0	665.5	4.746	4.694	34.246	27.112	30.196	27.107	101.5	12.257	90.3	1479.9	4995.2	9.5
680.0	675.4	4.749	4.696	34.261	27.124	30.253	27.118	100.6	12.358	90.3	1480.1	5117.2	19.5
690.0	685.3	4.747	4.692	34.276	27.136	30.311	27.130	99.5	12.458	90.3	1480.3	5240.1	17.1
700.0	695.2	4.660	4.605	34.284	27.152	30.374	27.146	98.0	12.557	90.2	1480.1	5364.0	12.1
710.0	705.1	4.620	4.565	34.290	27.161	30.429	27.155	97.2	12.655	90.2	1480.1	5488.9	10.1
720.0	715.0	4.535	4.479	34.290	27.170	30.486	27.164	96.3	12.751	90.2	1479.9	5614.7	15.3
730.0	724.9	4.532	4.476	34.300	27.179	30.540	27.173	95.6	12.847	90.2	1480.1	5741.5	4.5
740.0	734.8	4.486	4.429	34.309	27.191	30.599	27.185	94.5	12.942	90.2	1480.1	5869.2	6.9
750.0	744.8	4.445	4.387	34.316	27.201	30.655	27.195	93.6	13.036	90.2	1480.1	5997.9	12.4
760.0	754.7	4.412	4.354	34.325	27.212	30.712	27.205	92.6	13.129	90.2	1480.1	6127.5	9.5
770.0	764.6	4.391	4.332	34.334	27.222	30.768	27.215	91.7	13.222	90.2	1480.2	6257.9	8.9
780.0	774.5	4.372	4.312	34.348	27.235	30.827	27.229	90.6	13.313	90.2	1480.3	6389.3	9.8
790.0	784.4	4.329	4.268	34.350	27.241	30.880	27.235	90.0	13.403	90.2	1480.3	6521.6	6.9
800.0	794.3	4.297	4.236	34.357	27.250	30.935	27.244	89.2	13.493	90.2	1480.3	6654.7	16.0
810.0	804.2	4.273	4.211	34.367	27.261	30.992	27.254	88.2	13.581	90.2	1480.4	6788.8	2.5
820.0	814.1	4.245	4.183	34.373	27.269	31.046	27.262	87.6	13.669	90.2	1480.5	6923.7	6.6
830.0	824.0	4.218	4.155	34.376	27.274	31.097	27.267	87.1	13.757	90.2	1480.5	7059.4	4.5
840.0	833.9	4.204	4.140	34.383	27.281	31.150	27.274	86.6	13.844	90.2	1480.6	7196.0	11.6
850.0	843.8	4.172	4.108	34.391	27.291	31.206	27.284	85.6	13.930	90.2	1480.7	7333.5	10.7
860.0	853.7	4.131	4.066	34.394	27.298	31.260	27.291	85.0	14.015	90.2	1480.7	7471.8	4.8
870.0	863.6	4.096	4.031	34.399	27.305	31.313	27.298	84.4	14.099	90.2	1480.7	7610.9	7.8
880.0	873.5	4.065	3.999	34.402	27.311	31.366	27.304	83.8	14.184	90.2	1480.7	7750.9	4.8
890.0	883.3	4.034	3.967	34.408	27.319	31.420	27.312	83.1	14.267	90.2	1480.8	7891.7	10.1
900.0	893.3	4.006	3.938	34.415	27.327	31.474	27.320	82.4	14.350	90.2	1480.8	8033.3	7.8
910.0	903.1	3.980	3.912	34.417	27.331	31.525	27.325	82.0	14.432	90.2	1480.9	8175.7	13.9
920.0	913.0	3.951	3.882	34.421	27.338	31.578	27.331	81.4	14.514	90.2	1480.9	8318.9	7.2
930.0	922.9	3.918	3.849	34.426	27.345	31.632	27.338	80.8	14.595	90.2	1481.0	8462.9	6.0
940.0	932.8	3.906	3.836	34.428	27.348	31.681	27.341	80.5	14.675	90.2	1481.1	8607.7	9.3
950.0	942.7	3.863	3.792	34.436	27.359	31.738	27.352	79.5	14.755	90.2	1481.1	8753.3	9.8
960.0	952.6	3.828	3.757	34.440	27.366	31.791	27.358	78.9	14.834	90.2	1481.1	8899.6	6.9
970.0	962.5	3.840	3.768	34.450	27.373	31.843	27.365	78.4	14.913	90.2	1481.3	9046.8	5.5
980.0	972.4	3.804	3.732	34.456	27.381	31.898	27.374	77.6	14.991	90.2	1481.4	9194.7	6.1
990.0	982.3	3.783	3.710	34.460	27.386	31.950	27.379	77.1	15.068	90.2	1481.4	9343.3	9.9

Station 18 Latitude 32° 11.11'N Longitude 128° 32.27'W 28 Apr 1991 GMT 7:45 Bottom 4450 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.759	3.686	34.465	27.393	32.002	27.385	76.6	15.145	90.2	1481.5	9492.8	6.1
1020.0	1012.0	3.725	3.649	34.470	27.400	32.102	27.393	76.0	15.298	90.2	1481.7	9793.8	9.3
1040.0	1031.7	3.666	3.589	34.475	27.410	32.204	27.402	75.1	15.449	90.2	1481.8	10097.9	8.4
1060.0	1051.5	3.622	3.545	34.480	27.419	32.305	27.411	74.3	15.599	90.1	1481.9	10404.9	3.2
1080.0	1071.3	3.566	3.487	34.486	27.429	32.408	27.421	73.4	15.746	90.2	1482.0	10714.8	5.2
1100.0	1091.1	3.512	3.432	34.490	27.437	32.509	27.430	72.6	15.892	90.2	1482.1	11027.6	6.4
1120.0	1110.8	3.454	3.373	34.494	27.446	32.611	27.438	71.8	16.037	90.2	1482.2	11343.2	5.8
1140.0	1130.6	3.408	3.325	34.499	27.455	32.712	27.447	71.0	16.180	90.2	1482.4	11661.7	3.8
1160.0	1150.4	3.361	3.278	34.505	27.464	32.814	27.456	70.2	16.321	90.2	1482.5	11982.9	5.5
1180.0	1170.1	3.303	3.219	34.509	27.473	32.916	27.465	69.3	16.461	90.2	1482.6	12306.8	3.8
1200.0	1189.9	3.263	3.178	34.514	27.480	33.015	27.472	68.7	16.599	90.2	1482.8	12633.5	2.6
1220.0	1209.7	3.232	3.145	34.517	27.486	33.112	27.478	68.2	16.736	90.2	1483.0	12962.8	3.2
1240.0	1229.4	3.191	3.103	34.520	27.493	33.211	27.484	67.6	16.872	90.2	1483.1	13294.8	.6
1260.0	1249.2	3.159	3.070	34.524	27.499	33.310	27.490	67.1	17.007	90.2	1483.3	13629.5	7.1
1280.0	1268.9	3.120	3.029	34.528	27.506	33.409	27.498	66.4	17.140	90.2	1483.5	13966.7	5.3
1300.0	1288.7	3.083	2.991	34.533	27.513	33.508	27.504	65.8	17.272	90.2	1483.7	14306.6	3.3
1320.0	1308.4	3.033	2.940	34.536	27.520	33.608	27.512	65.2	17.403	90.2	1483.8	14649.0	3.9
1340.0	1328.2	2.995	2.900	34.538	27.525	33.705	27.517	64.7	17.533	90.2	1484.0	14994.0	3.3
1360.0	1347.9	2.982	2.886	34.541	27.529	33.801	27.521	64.4	17.662	90.2	1484.3	15341.4	1.5
1380.0	1367.7	2.954	2.857	34.546	27.536	33.899	27.527	63.9	17.791	90.2	1484.5	15691.4	5.9
1400.0	1387.4	2.908	2.810	34.550	27.543	33.999	27.534	63.2	17.918	90.2	1484.6	16043.9	7.4
1420.0	1407.1	2.868	2.768	34.553	27.549	34.098	27.541	62.5	18.043	90.2	1484.8	16398.9	5.4
1440.0	1426.9	2.840	2.739	34.556	27.554	34.194	27.545	62.2	18.168	90.2	1485.0	16756.2	6.9
1460.0	1446.6	2.803	2.701	34.558	27.559	34.292	27.550	61.7	18.292	90.2	1485.2	17116.0	1.9
1480.0	1466.3	2.773	2.670	34.561	27.564	34.388	27.555	61.2	18.414	90.2	1485.4	17478.2	1.9
1500.0	1486.1	2.745	2.640	34.563	27.569	34.485	27.559	60.9	18.536	90.2	1485.6	17842.8	4.0
1520.0	1505.8	2.720	2.614	34.566	27.573	34.580	27.564	60.5	18.658	90.2	1485.8	18209.7	3.1
1540.0	1525.5	2.692	2.585	34.567	27.577	34.676	27.567	60.2	18.778	90.2	1486.0	18579.0	4.0
1560.0	1545.3	2.653	2.544	34.572	27.584	34.775	27.574	59.5	18.898	90.3	1486.2	18950.6	7.5
1580.0	1565.0	2.627	2.517	34.573	27.587	34.870	27.577	59.2	19.017	90.2	1486.4	19324.5	4.0
1600.0	1584.7	2.604	2.492	34.575	27.591	34.966	27.581	58.9	19.135	90.2	1486.7	19700.7	4.0
1620.0	1604.4	2.566	2.453	34.578	27.596	35.063	27.587	58.3	19.252	90.2	1486.8	20079.2	3.2
1640.0	1624.2	2.538	2.424	34.580	27.601	35.160	27.591	57.9	19.368	90.2	1487.1	20460.0	2.0
1660.0	1643.9	2.511	2.396	34.582	27.605	35.255	27.595	57.6	19.484	90.2	1487.3	20843.0	.0
1680.0	1663.6	2.485	2.368	34.585	27.609	35.351	27.599	57.2	19.598	90.2	1487.5	21228.3	1.1
1700.0	1683.3	2.460	2.342	34.587	27.613	35.447	27.603	56.8	19.712	90.3	1487.7	21615.8	2.9
1720.0	1703.0	2.432	2.312	34.589	27.617	35.543	27.607	56.4	19.826	90.3	1487.9	22005.4	1.2
1740.0	1722.7	2.399	2.278	34.592	27.623	35.640	27.612	55.9	19.938	90.3	1488.1	22397.3	2.4
1760.0	1742.4	2.371	2.249	34.594	27.626	35.735	27.616	55.6	20.049	90.3	1488.4	22791.3	.0
1780.0	1762.1	2.345	2.221	34.595	27.630	35.830	27.619	55.2	20.160	90.3	1488.6	23187.5	1.5
1800.0	1781.8	2.327	2.202	34.597	27.633	35.925	27.623	55.0	20.270	90.3	1488.8	23585.8	2.4
1820.0	1801.5	2.289	2.163	34.601	27.639	36.023	27.628	54.3	20.379	90.3	1489.0	23986.2	.1
1840.0	1821.2	2.269	2.141	34.603	27.642	36.118	27.632	54.0	20.488	90.3	1489.3	24388.8	4.8
1860.0	1840.9	2.237	2.109	34.605	27.646	36.214	27.636	53.6	20.595	90.3	1489.5	24793.4	4.2
1880.0	1860.6	2.213	2.084	34.608	27.651	36.309	27.640	53.2	20.702	90.3	1489.7	25200.1	2.7
1900.0	1880.3	2.196	2.065	34.609	27.653	36.403	27.642	53.0	20.809	90.3	1490.0	25608.8	4.2
1920.0	1900.0	2.167	2.035	34.611	27.657	36.499	27.647	52.5	20.914	90.3	1490.2	26019.7	-1.3
1940.0	1919.7	2.147	2.013	34.613	27.660	36.593	27.650	52.3	21.019	90.3	1490.4	26432.5	1.6
1960.0	1939.4	2.132	1.997	34.614	27.663	36.687	27.652	52.1	21.123	90.3	1490.7	26847.3	-.4
1980.0	1959.1	2.118	1.982	34.616	27.666	36.780	27.654	51.9	21.227	90.3	1491.0	27264.2	2.5
2000.0	1978.8	2.096	1.958	34.618	27.669	36.875	27.658	51.5	21.330	90.3	1491.2	27683.1	2.5
2050.0	2028.0	2.045	1.903	34.623	27.677	37.111	27.666	50.7	21.587	90.4	1491.8	28738.9	-.1
2096.0	2073.2	2.013	1.868	34.627	27.683	37.325	27.672	50.3	21.819	90.3	1492.5	29721.1	.0

Station 19 Latitude 32° 24.32'N Longitude 128° 25.64'W 28 Apr 1991 GMT 10:35 Bottom 4385 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.689	15.689	33.440	24.619	24.619	24.619	331.1	.000	89.3	1507.7	.0	.0
10.0	10.0	15.693	15.692	33.449	24.625	24.669	24.624	330.8	.331	89.3	1507.8	1.6	2.3
20.0	19.9	15.689	15.686	33.450	24.627	24.715	24.626	330.9	.662	89.3	1508.0	6.6	.6
30.0	29.9	15.692	15.688	33.450	24.626	24.758	24.625	331.3	.993	89.3	1508.2	14.8	9.4
40.0	39.8	15.576	15.570	33.493	24.686	24.862	24.685	325.9	1.322	89.0	1508.0	26.4	40.7
50.0	49.8	15.550	15.542	33.527	24.718	24.938	24.716	323.2	1.648	89.2	1508.1	41.2	50.6
60.0	59.8	15.549	15.540	33.565	24.748	25.012	24.746	320.6	1.969	89.3	1508.3	59.2	26.6
70.0	69.7	15.630	15.619	33.610	24.765	25.073	24.763	319.3	2.289	89.3	1508.8	80.4	11.1
80.0	79.7	15.675	15.663	33.654	24.789	25.141	24.786	317.4	2.607	89.3	1509.2	104.8	41.3
90.0	89.7	15.748	15.735	33.753	24.850	25.245	24.846	312.0	2.922	89.1	1509.7	132.3	46.3
100.0	99.6	15.681	15.665	33.780	24.885	25.325	24.882	308.8	3.232	89.3	1509.7	162.9	5.3
110.0	109.6	15.683	15.666	33.792	24.895	25.378	24.891	308.3	3.540	89.3	1509.8	196.7	11.8
120.0	119.5	15.534	15.516	33.773	24.913	25.441	24.909	306.8	3.848	89.2	1509.5	233.4	114.5
130.0	129.5	13.754	13.735	33.573	25.139	25.716	25.136	285.2	4.144	89.5	1503.7	273.2	263.0
140.0	139.4	12.553	12.535	33.408	25.251	25.875	25.248	274.5	4.422	89.8	1499.6	315.9	164.1
150.0	149.4	12.229	12.209	33.513	25.395	26.065	25.392	261.0	4.691	90.1	1498.8	361.2	210.6
160.0	159.3	11.113	11.094	33.347	25.472	26.190	25.469	253.6	4.947	90.1	1494.9	409.1	123.4
170.0	169.3	10.357	10.337	33.339	25.598	26.364	25.595	241.6	5.194	90.2	1492.3	459.6	105.7
180.0	179.2	9.922	9.902	33.380	25.704	26.516	25.700	231.6	5.431	90.2	1491.0	512.4	87.4
190.0	189.2	9.547	9.526	33.444	25.816	26.674	25.812	221.1	5.658	90.2	1489.8	567.6	117.2
200.0	199.1	9.299	9.277	33.534	25.927	26.831	25.923	210.6	5.874	90.3	1489.2	624.9	116.0
210.0	209.0	9.112	9.090	33.615	26.020	26.970	26.016	202.0	6.080	90.3	1488.7	684.3	78.2
220.0	219.0	8.996	8.972	33.683	26.092	27.087	26.088	195.3	6.279	90.3	1488.6	745.8	108.4
230.0	228.9	8.842	8.818	33.777	26.189	27.231	26.185	186.2	6.469	90.3	1488.3	809.1	70.6
240.0	238.9	8.694	8.669	33.833	26.257	27.344	26.253	179.9	6.652	90.3	1487.9	874.3	63.5
250.0	248.8	8.560	8.534	33.886	26.319	27.452	26.315	174.2	6.829	90.3	1487.7	941.3	47.1
260.0	258.7	8.435	8.409	33.921	26.366	27.545	26.362	169.8	7.000	90.3	1487.4	1010.0	21.6
270.0	268.7	8.313	8.285	33.955	26.411	27.636	26.407	165.7	7.169	90.3	1487.2	1080.4	60.0
280.0	278.6	8.125	8.096	33.973	26.453	27.725	26.449	161.8	7.332	90.3	1486.6	1152.4	37.4
290.0	288.5	7.917	7.888	33.985	26.493	27.812	26.489	158.0	7.492	90.4	1486.0	1226.0	40.0
300.0	298.5	7.715	7.686	33.996	26.532	27.897	26.528	154.4	7.648	90.4	1485.4	1301.2	22.7
310.0	308.4	7.573	7.543	34.002	26.557	27.968	26.552	152.2	7.801	90.4	1485.0	1377.9	18.9
320.0	318.3	7.432	7.402	34.008	26.581	28.039	26.577	149.8	7.952	90.3	1484.6	1456.2	29.7
330.0	328.3	7.254	7.222	34.000	26.600	28.105	26.596	148.1	8.101	90.4	1484.1	1535.9	22.9
340.0	338.2	7.129	7.097	34.001	26.619	28.170	26.615	146.4	8.249	90.4	1483.8	1617.0	14.1
350.0	348.1	7.036	7.003	34.006	26.636	28.233	26.631	144.9	8.394	90.3	1483.6	1699.7	13.8
360.0	358.0	6.942	6.908	34.016	26.656	28.300	26.652	143.1	8.538	90.4	1483.4	1783.7	14.1
370.0	368.0	6.827	6.793	34.021	26.676	28.365	26.671	141.3	8.681	90.4	1483.1	1869.2	15.8
380.0	377.9	6.774	6.739	34.035	26.694	28.430	26.690	139.6	8.821	90.4	1483.1	1956.1	25.5
390.0	387.8	6.646	6.610	34.045	26.719	28.502	26.715	137.3	8.960	90.4	1482.8	2044.3	29.6
400.0	397.7	6.573	6.537	34.062	26.743	28.571	26.738	135.2	9.096	90.4	1482.6	2133.9	12.3
410.0	407.7	6.453	6.416	34.069	26.764	28.639	26.759	133.2	9.230	90.4	1482.3	2224.8	18.4
420.0	417.6	6.388	6.351	34.077	26.778	28.700	26.773	132.0	9.363	90.4	1482.3	2317.1	18.7
430.0	427.5	6.297	6.259	34.078	26.792	28.760	26.787	130.7	9.494	90.4	1482.1	2410.6	7.6
440.0	437.4	6.182	6.143	34.084	26.811	28.826	26.806	128.9	9.624	90.4	1481.8	2505.5	20.7
450.0	447.4	6.176	6.136	34.097	26.822	28.882	26.817	128.0	9.752	90.4	1481.9	2601.6	11.9
460.0	457.3	6.069	6.029	34.100	26.838	28.945	26.833	126.6	9.879	90.5	1481.7	2699.0	12.8
470.0	467.2	5.916	5.875	34.098	26.856	29.010	26.851	124.8	10.005	90.4	1481.2	2797.6	16.9
480.0	477.1	5.901	5.860	34.115	26.871	29.071	26.866	123.5	10.129	90.4	1481.3	2897.5	15.7
490.0	487.0	5.878	5.836	34.128	26.885	29.131	26.879	122.4	10.252	90.4	1481.4	2998.6	14.0
500.0	497.0	5.910	5.867	34.147	26.896	29.187	26.890	121.5	10.374	90.4	1481.7	3100.9	.8
510.0	506.9	5.815	5.772	34.155	26.914	29.252	26.909	119.8	10.495	90.4	1481.5	3204.4	6.9
520.0	516.8	5.778	5.734	34.161	26.923	29.307	26.917	119.0	10.614	90.5	1481.6	3309.1	13.4
530.0	526.7	5.728	5.683	34.175	26.940	29.370	26.935	117.5	10.733	90.4	1481.5	3414.9	17.2
540.0	536.6	5.681	5.635	34.185	26.954	29.430	26.948	116.3	10.849	90.5	1481.5	3521.9	24.2
550.0	546.5	5.637	5.590	34.196	26.969	29.491	26.963	115.0	10.965	90.4	1481.5	3630.1	14.6
560.0	556.5	5.543	5.497	34.213	26.993	29.562	26.987	112.6	11.079	90.4	1481.3	3739.4	19.8
570.0	566.4	5.513	5.465	34.223	27.004	29.619	26.999	111.7	11.191	90.4	1481.4	3849.7	15.4
580.0	576.3	5.452	5.404	34.230	27.018	29.679	27.012	110.5	11.302	90.4	1481.3	3961.2	21.3
590.0	586.2	5.386	5.338	34.245	27.037	29.745	27.031	108.7	11.411	90.4	1481.2	4073.8	18.1
600.0	596.1	5.387	5.337	34.264	27.052	29.806	27.047	107.4	11.519	90.4	1481.4	4187.5	15.7
610.0	606.0	5.365	5.314	34.277	27.065	29.865	27.059	106.3	11.626	90.4	1481.5	4302.2	10.2
620.0	615.9	5.312	5.261	34.280	27.074	29.920	27.068	105.5	11.732	90.4	1481.5	4417.9	6.4
630.0	625.8	5.272	5.220	34.288	27.085	29.977	27.079	104.5	11.837	90.3	1481.5	4534.7	17.5
640.0	635.8	5.265	5.212	34.300	27.096	30.034	27.090	103.6	11.941	90.3	1481.6	4652.6	10.5
650.0	645.7	5.183	5.129	34.302	27.107	30.092	27.101	102.5	12.044	90.3	1481.5	4771.4	10.2
660.0	655.6	5.187	5.133	34.311	27.114	30.144	27.107	102.0	12.146	90.3	1481.6	4891.2	2.9
670.0	665.5	5.134	5.079	34.308	27.118	30.194	27.111	101.7	12.248	90.3	1481.6	5012.1	10.5
680.0	675.4	5.076	5.021	34.317	27.131	30.254	27.125	100.5	12.349	90.3	1481.5	5134.0	6.1
690.0	685.3	5.020	4.964	34.319	27.139	30.309	27.133	99.7	12.449	90.2	1481.5	5256.8	6.4
700.0	695.2	4.950	4.893	34.322	27.150	30.367	27.144	98.7	12.548	90.2	1481.3	5380.6	21.9
710.0	705.1	4.885	4.828	34.327	27.162	30.425	27.155	97.6	12.647	90.2	1481.2	5505.4	20.7
720.0	715.0	4.827	4.770	34.333	27.173	30.482	27.166	96.6	12.744	90.2	1481.2	5631.2	5.5
730.0	724.9	4.775	4.717	34.340	27.184	30.540	27.177	95.6	12.840	90.2	1481.1	5757.9	11.3
740.0	734.8	4.730	4.672	34.341	27.190	30.593	27.184	95.0	12.935	90.2	1481.1	5885.5	3.7
750.0	744.7	4.687	4.627	34.348	27.200	30.649	27.194	94.1	13.029	90.2	1481.1	6014.1	2.5
760.0	754.6	4.647	4.587	34.353	27.209	30.704	27.202	93.4	13.123	90.2	1481.1	6143.6	21.3
770.0	764.5	4.582	4.522	34.358	27.220	30.763	27.214	92.2	13.216	90.2	1481.0	6274.0	9.6
780.0	774.4	4.533	4.472	34.366	27.232	30.821	27.225	91.2	13.308	90.2	1481.0	6405.4	5.2
790.0	784.3	4.514	4.452	34.369	27.236	30.871	27.229	90.8	13.399	90.2	1481.1	6537.6	2.8
800.0	794.3	4.471	4.409	34.376	27.247	30.928	27.240	89.9	13.489	90.2	1481.1	6670.7	3.7
810.0	804.2	4.436	4.374	34.382	27.255	30.983	27.248	89.1	13.578	90.2	1481.1	6804.7	1.9
820.0	814.0	4.419	4.356	34.384	27.259	31.033	27.252	88.8	13.667	90.2	1481.2	6939.6	11.6
830.0	824.0	4.386	4.322	34.394	27.270	31.090	27.263	87.8	13.756	90.2	1481.2	7075.3	6.3
840.0	833.8	4.365	4.300	34.399	27.277	31.142	27.270	87.3	13.843	90.2	1481.3	7211.9	-1.0
850.0	843.8	4.339	4.273	34.403	27.282	31.195	27.275	86.8	13.930	90.2	1481.4	7349.4	-1.3
860.0	853.6	4.336	4.270	34.404	27.283	31.241	27.276	86.8	14.017	90.2	1481.5	7487.7	1.1
870.0	863.5	4.289	4.222	34.409	27.293	31.297	27.286	85.9	14.103	90.1	1481.5	7626.8	3.1
880.0	873.4	4.266	4.198	34.411	27.297	31.347	27.290	85.6	14.189	90.2	1481.6	7766.8	11.0
890.0	883.3	4.207	4.140	34.421	27.311	31.408	27.304	84.3	14.274	90.2	1481.5	7907.7	9.0
900.0	893.2	4.174	4.106	34.425	27.318	31.462	27.311	83.6	14.358	90.2	1481.6	8049.4	3.4
910.0	903.1	4.153	4.083	34.429	27.323	31.513	27.316	83.2	14.441	90.2	1481.6	8191.8	3.7
920.0	913.0	4.100	4.030	34.436	27.334	31.571	27.327	82.1	14.524	90.1	1481.6	8335.1	8.4
930.0	922.9	4.080	4.010	34.438	27.338	31.621	27.331	81.8	14.606	90.2	1481.7	8479.3	1.7
940.0	932.8	4.076	4.005	34.439	27.340	31.668	27.332	81.7	14.687	90.1	1481.8	8624.2	2.9
950.0	942.7	4.038	3.966	34.442	27.346	31.721	27.339	81.2	14.769	90.2	1481.8	8769.9	1.4
960.0	952.6	4.000	3.927	34.446	27.353	31.774	27.346	80.5	14.850	90.2	1481.8	8916.4	14.0
970.0	962.5	3.946	3.873	34.451	27.362	31.830	27.355	79.6	14.930	90.1	1481.8	9063.7	8.1
980.0	972.4	3.913	3.840	34.453	27.368	31.882	27.361	79.1	15.009	90.2	1481.8	9211.8	5.2
990.0	982.3	3.874	3.800	34.455	27.373	31.934	27.366	78.6	15.088	90.2	1481.8	9360.6	11.6

Station 19 Latitude 32° 24.32'N Longitude 128° 25.64'W 28 Apr 1991 GMT 10:35 Bottom 4385 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.830	3.756	34.456	27.378	31.986	27.371	78.1	15.166	90.2	1481.8	9510.2	1.1
1020.0	1011.9	3.791	3.715	34.463	27.388	32.088	27.380	77.3	15.322	90.2	1482.0	9811.8	5.2
1040.0	1031.7	3.729	3.653	34.465	27.396	32.189	27.389	76.5	15.475	90.2	1482.0	10116.3	.2
1060.0	1051.5	3.683	3.605	34.473	27.407	32.292	27.399	75.6	15.627	90.2	1482.2	10423.9	8.2
1080.0	1071.3	3.635	3.556	34.475	27.414	32.391	27.406	75.0	15.778	90.2	1482.3	10734.4	1.4
1100.0	1091.0	3.613	3.533	34.481	27.421	32.490	27.413	74.4	15.927	90.2	1482.6	11047.8	3.2
1120.0	1110.8	3.569	3.486	34.485	27.428	32.590	27.420	73.8	16.076	90.2	1482.7	11364.1	7.3
1140.0	1130.6	3.537	3.453	34.488	27.434	32.687	27.426	73.4	16.222	90.2	1482.9	11683.4	2.3
1160.0	1150.3	3.476	3.391	34.495	27.445	32.791	27.437	72.3	16.368	90.2	1483.0	12005.5	2.6
1180.0	1170.1	3.434	3.348	34.498	27.451	32.890	27.443	71.7	16.512	90.2	1483.1	12330.4	1.8
1200.0	1189.9	3.381	3.294	34.504	27.462	32.993	27.453	70.8	16.654	90.2	1483.3	12658.1	8.5
1220.0	1209.6	3.316	3.228	34.509	27.472	33.096	27.463	69.8	16.795	90.2	1483.3	12988.6	8.5
1240.0	1229.4	3.262	3.173	34.514	27.481	33.198	27.473	68.9	16.934	90.2	1483.4	13321.8	6.8
1260.0	1249.2	3.208	3.118	34.519	27.491	33.300	27.482	68.0	17.070	90.2	1483.5	13657.7	1.8
1280.0	1268.9	3.164	3.073	34.524	27.498	33.400	27.490	67.3	17.205	90.2	1483.7	13996.2	6.2
1300.0	1288.7	3.120	3.027	34.528	27.506	33.500	27.497	66.6	17.339	90.2	1483.8	14337.4	3.0
1320.0	1308.4	3.074	2.980	34.532	27.513	33.600	27.505	65.9	17.472	90.2	1484.0	14681.1	8.8
1340.0	1328.2	3.029	2.934	34.535	27.520	33.699	27.511	65.3	17.603	90.2	1484.1	15027.5	2.7
1360.0	1347.9	2.999	2.903	34.538	27.525	33.796	27.516	64.9	17.733	90.2	1484.3	15376.3	-1.4
1380.0	1367.6	2.978	2.881	34.540	27.529	33.891	27.520	64.6	17.863	90.2	1484.6	15727.7	5.1
1400.0	1387.4	2.937	2.838	34.545	27.537	33.992	27.528	63.9	17.991	90.2	1484.7	16081.7	2.4
1420.0	1407.1	2.905	2.805	34.548	27.542	34.089	27.533	63.4	18.118	90.2	1484.9	16438.1	1.0
1440.0	1426.9	2.869	2.767	34.551	27.548	34.187	27.539	62.9	18.245	90.2	1485.1	16796.9	-.5
1460.0	1446.6	2.840	2.737	34.553	27.552	34.283	27.543	62.5	18.370	90.2	1485.3	17158.2	1.9
1480.0	1466.3	2.800	2.696	34.558	27.559	34.383	27.550	61.8	18.494	90.2	1485.5	17522.0	1.9
1500.0	1486.1	2.775	2.669	34.560	27.563	34.478	27.554	61.5	18.618	90.2	1485.7	17888.1	7.8
1520.0	1505.8	2.737	2.630	34.563	27.569	34.576	27.560	60.9	18.740	90.2	1485.9	18256.7	1.1
1540.0	1525.5	2.701	2.594	34.566	27.575	34.674	27.566	60.4	18.861	90.2	1486.1	18627.6	4.9
1560.0	1545.2	2.684	2.575	34.568	27.578	34.769	27.569	60.1	18.981	90.2	1486.3	19000.8	3.4
1580.0	1565.0	2.648	2.538	34.572	27.584	34.867	27.575	59.5	19.101	90.2	1486.5	19376.4	5.5
1600.0	1584.7	2.603	2.491	34.575	27.591	34.966	27.581	58.9	19.219	90.2	1486.7	19754.3	5.8
1620.0	1604.4	2.573	2.460	34.578	27.596	35.063	27.586	58.4	19.337	90.2	1486.9	20134.4	5.2
1640.0	1624.1	2.547	2.432	34.580	27.600	35.159	27.590	58.0	19.453	90.3	1487.1	20516.9	.8
1660.0	1643.8	2.522	2.407	34.582	27.604	35.254	27.594	57.7	19.569	90.3	1487.3	20901.6	2.9
1680.0	1663.6	2.496	2.379	34.584	27.608	35.349	27.597	57.4	19.684	90.3	1487.5	21288.5	2.6
1700.0	1683.3	2.467	2.349	34.586	27.612	35.445	27.602	57.0	19.799	90.3	1487.8	21677.7	3.5
1720.0	1703.0	2.444	2.325	34.588	27.615	35.540	27.605	56.6	19.912	90.3	1488.0	22069.0	2.6
1740.0	1722.7	2.413	2.292	34.591	27.621	35.637	27.610	56.1	20.025	90.3	1488.2	22462.6	4.7
1760.0	1742.4	2.388	2.266	34.593	27.624	35.732	27.614	55.8	20.137	90.3	1488.4	22858.3	.9
1780.0	1762.1	2.353	2.230	34.596	27.630	35.830	27.619	55.3	20.248	90.3	1488.6	23256.2	3.3
1800.0	1781.8	2.326	2.201	34.598	27.633	35.925	27.623	54.9	20.358	90.3	1488.8	23656.3	.9
1820.0	1801.5	2.302	2.176	34.600	27.638	36.021	27.627	54.5	20.468	90.3	1489.1	24058.4	4.2
1840.0	1821.2	2.282	2.155	34.602	27.641	36.115	27.630	54.2	20.576	90.3	1489.3	24462.7	1.3
1860.0	1840.9	2.265	2.136	34.603	27.643	36.209	27.632	54.1	20.685	90.3	1489.6	24869.1	3.0
1880.0	1860.6	2.236	2.106	34.607	27.648	36.306	27.638	53.5	20.792	90.3	1489.8	25277.5	2.5
1900.0	1880.3	2.213	2.082	34.608	27.651	36.400	27.640	53.3	20.899	90.3	1490.0	25688.1	3.1
1920.0	1900.0	2.194	2.061	34.610	27.655	36.495	27.644	52.9	21.005	90.3	1490.3	26100.7	2.8
1940.0	1919.7	2.173	2.039	34.611	27.657	36.589	27.647	52.7	21.111	90.3	1490.5	26515.3	1.9
1960.0	1939.4	2.144	2.009	34.614	27.662	36.685	27.651	52.2	21.216	90.3	1490.7	26932.0	-.7
1980.0	1959.1	2.120	1.984	34.616	27.665	36.779	27.654	51.9	21.320	90.3	1491.0	27350.7	1.6
2000.0	1978.7	2.104	1.966	34.618	27.668	36.874	27.657	51.6	21.424	90.3	1491.2	27771.3	2.8
2050.0	2027.9	2.056	1.914	34.622	27.676	37.109	27.665	50.9	21.680	90.3	1491.9	28831.8	1.1
2096.0	2073.2	2.028	1.883	34.626	27.681	37.322	27.670	50.5	21.914	90.3	1492.5	29818.2	.0

Station 20 Latitude 32° 38.08'N Longitude 128° 18.42'W 28 Apr 1991 GMT 13:34 Bottom 4410 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.078	15.078	33.161	24.538	24.538	24.538	338.7	.000	89.1	1505.4	.0	.0
10.0	10.0	15.080	15.078	33.160	24.537	24.581	24.537	339.2	.339	89.1	1505.6	1.7	-4.3
20.0	19.9	15.081	15.078	33.160	24.537	24.625	24.537	339.4	.678	89.1	1505.7	6.8	13.0
30.0	29.9	15.030	15.026	33.223	24.597	24.730	24.596	334.0	1.016	89.1	1505.8	15.2	180.2
40.0	39.8	14.764	14.758	33.253	24.678	24.855	24.677	326.6	1.344	89.2	1505.1	27.0	31.7
50.0	49.8	14.335	14.328	33.181	24.714	24.935	24.712	323.4	1.668	89.1	1503.8	42.0	6.8
60.0	59.8	14.222	14.214	33.173	24.732	24.998	24.730	322.0	1.991	89.3	1503.6	60.2	13.8
70.0	69.7	14.183	14.173	33.177	24.743	25.053	24.741	321.2	2.313	89.1	1503.7	81.6	17.3
80.0	79.7	14.268	14.256	33.217	24.757	25.111	24.754	320.2	2.634	89.3	1504.1	106.3	5.3
90.0	89.7	14.226	14.213	33.227	24.774	25.172	24.771	318.9	2.953	89.3	1504.2	134.1	10.0
100.0	99.6	14.202	14.188	33.263	24.807	25.249	24.804	316.0	3.271	88.9	1504.3	165.1	55.4
110.0	109.6	13.741	13.726	33.259	24.899	25.387	24.896	307.4	3.584	89.2	1503.0	199.2	114.2
120.0	119.5	12.988	12.972	33.281	25.067	25.602	25.064	291.5	3.885	89.5	1500.6	236.4	206.9
130.0	129.5	11.202	11.187	33.016	25.198	25.781	25.195	278.9	4.170	89.8	1494.3	276.5	76.2
140.0	139.4	10.655	10.639	33.062	25.330	25.960	25.327	266.4	4.443	90.0	1492.6	319.3	173.9
150.0	149.4	10.002	9.985	33.160	25.518	26.195	25.515	248.6	4.702	90.2	1490.5	364.9	102.1
160.0	159.3	9.755	9.738	33.247	25.628	26.350	25.625	238.4	4.946	90.2	1489.8	412.9	116.7
170.0	169.3	9.741	9.722	33.327	25.692	26.460	25.689	232.4	5.180	90.2	1490.1	463.2	93.5
180.0	179.2	9.481	9.461	33.436	25.820	26.634	25.817	220.4	5.406	90.3	1489.4	515.9	53.4
190.0	189.1	9.350	9.329	33.507	25.897	26.756	25.894	213.3	5.623	90.3	1489.2	570.7	73.3
200.0	199.1	9.207	9.185	33.608	25.999	26.904	25.996	203.8	5.832	90.3	1488.9	627.6	118.1
210.0	209.0	9.074	9.052	33.673	26.071	27.021	26.067	197.1	6.032	90.3	1488.7	686.6	53.6
220.0	219.0	8.931	8.907	33.732	26.140	27.137	26.137	190.6	6.226	90.3	1488.4	747.5	54.2
230.0	228.9	8.869	8.844	33.800	26.204	27.245	26.200	184.8	6.414	90.4	1488.4	810.4	93.4
240.0	238.9	8.688	8.663	33.878	26.293	27.380	26.289	176.5	6.594	90.3	1488.0	875.0	75.8
250.0	248.8	8.535	8.509	33.895	26.330	27.463	26.326	173.1	6.769	90.3	1487.6	941.4	55.6
260.0	258.7	8.365	8.338	33.934	26.386	27.566	26.382	167.9	6.939	90.5	1487.2	1009.5	21.3
270.0	268.7	8.271	8.243	33.951	26.414	27.639	26.410	165.4	7.105	90.4	1487.0	1079.2	43.3
280.0	278.6	8.137	8.108	33.968	26.448	27.719	26.444	162.3	7.269	90.3	1486.7	1150.6	49.1
290.0	288.5	7.988	7.959	33.984	26.482	27.800	26.478	159.1	7.430	90.4	1486.3	1223.6	19.5
300.0	298.5	7.897	7.868	33.993	26.503	27.867	26.499	157.2	7.588	90.4	1486.1	1298.2	1.9
310.0	308.4	7.793	7.763	34.006	26.528	27.937	26.523	155.0	7.745	90.4	1485.9	1374.4	33.0
320.0	318.3	7.649	7.618	34.017	26.558	28.014	26.553	152.3	7.898	90.4	1485.5	1452.0	45.0
330.0	328.2	7.504	7.472	34.016	26.578	28.081	26.573	150.4	8.050	90.4	1485.1	1531.2	20.9
340.0	338.2	7.375	7.342	34.023	26.602	28.151	26.597	148.2	8.199	90.4	1484.8	1611.9	32.9
350.0	348.1	7.217	7.183	34.030	26.629	28.225	26.625	145.6	8.345	90.4	1484.3	1694.0	23.5
360.0	358.0	7.145	7.111	34.039	26.647	28.288	26.642	144.1	8.490	90.4	1484.2	1777.6	10.6
370.0	368.0	7.055	7.020	34.046	26.664	28.352	26.660	142.5	8.634	90.4	1484.0	1862.6	31.7
380.0	377.9	6.819	6.784	34.040	26.692	28.427	26.687	139.9	8.775	90.4	1483.3	1949.0	19.9
390.0	387.8	6.692	6.656	34.046	26.714	28.496	26.709	137.9	8.914	90.4	1482.9	2036.8	11.1
400.0	397.7	6.686	6.650	34.063	26.728	28.556	26.723	136.7	9.051	90.4	1483.1	2125.9	14.1
410.0	407.7	6.610	6.573	34.069	26.743	28.617	26.738	135.3	9.187	90.4	1483.0	2216.4	8.8
420.0	417.6	6.494	6.456	34.074	26.763	28.683	26.758	133.5	9.322	90.4	1482.7	2308.3	17.8
430.0	427.5	6.423	6.385	34.078	26.775	28.741	26.770	132.5	9.455	90.5	1482.6	2401.4	19.6
440.0	437.4	6.202	6.164	34.062	26.791	28.806	26.786	130.8	9.587	90.5	1481.8	2495.9	-.7
450.0	447.4	6.251	6.211	34.091	26.808	28.867	26.803	129.4	9.717	90.4	1482.2	2591.7	17.8
460.0	457.3	6.291	6.251	34.116	26.823	28.927	26.817	128.2	9.845	90.4	1482.6	2688.7	16.4
470.0	467.2	6.147	6.106	34.113	26.839	28.990	26.833	126.7	9.973	90.5	1482.2	2787.0	27.2
480.0	477.1	5.996	5.954	34.116	26.860	29.059	26.855	124.7	10.099	90.5	1481.7	2886.6	-1.8
490.0	487.0	5.888	5.846	34.117	26.875	29.121	26.869	123.3	10.224	90.4	1481.5	2987.4	36.5
500.0	497.0	5.643	5.601	34.093	26.885	29.180	26.880	122.1	10.346	90.5	1480.6	3089.4	5.1
510.0	506.9	5.692	5.648	34.116	26.898	29.237	26.893	121.1	10.468	90.5	1481.0	3192.6	38.8
520.0	516.8	5.466	5.423	34.114	26.924	29.312	26.919	118.6	10.587	90.4	1480.2	3297.0	7.7
530.0	526.7	5.460	5.417	34.125	26.933	29.367	26.928	117.8	10.705	90.5	1480.4	3402.6	23.6
540.0	536.6	5.392	5.347	34.130	26.945	29.426	26.940	116.7	10.823	90.5	1480.3	3509.3	17.1
550.0	546.5	5.341	5.296	34.137	26.957	29.483	26.951	115.7	10.939	90.5	1480.2	3617.2	13.9
560.0	556.5	5.270	5.225	34.140	26.968	29.541	26.962	114.6	11.054	90.4	1480.1	3726.2	11.5
570.0	566.4	5.222	5.175	34.153	26.983	29.603	26.978	113.2	11.167	90.5	1480.1	3836.4	12.1
580.0	576.3	5.167	5.120	34.166	27.000	29.666	26.994	111.7	11.280	90.4	1480.1	3947.6	17.1
590.0	586.2	5.098	5.050	34.174	27.015	29.728	27.009	110.3	11.391	90.4	1479.9	4060.0	26.8
600.0	596.1	5.090	5.042	34.199	27.036	29.794	27.030	108.5	11.500	90.4	1480.1	4173.5	19.5
610.0	606.0	5.163	5.114	34.235	27.056	29.858	27.050	106.9	11.608	90.4	1480.6	4288.0	21.2
620.0	615.9	5.128	5.078	34.239	27.063	29.912	27.057	106.2	11.714	90.4	1480.7	4403.6	7.2
630.0	625.8	5.099	5.048	34.252	27.077	29.972	27.071	105.0	11.820	90.4	1480.7	4520.2	4.8
640.0	635.7	4.985	4.934	34.250	27.088	30.030	27.082	103.9	11.924	90.3	1480.4	4637.8	15.1
650.0	645.7	4.929	4.877	34.253	27.097	30.086	27.091	103.1	12.028	90.3	1480.3	4756.5	8.6
660.0	655.6	4.923	4.870	34.273	27.114	30.149	27.108	101.6	12.130	90.3	1480.5	4876.2	23.6
670.0	665.5	4.872	4.818	34.282	27.127	30.208	27.121	100.4	12.231	90.3	1480.5	4996.9	13.0
680.0	675.4	4.821	4.767	34.289	27.138	30.265	27.132	99.4	12.331	90.3	1480.4	5118.6	4.8
690.0	685.3	4.782	4.727	34.297	27.149	30.323	27.143	98.4	12.430	90.2	1480.5	5241.2	12.2
700.0	695.2	4.720	4.664	34.310	27.166	30.387	27.160	96.8	12.527	90.2	1480.4	5364.9	11.9
710.0	705.1	4.659	4.603	34.319	27.180	30.447	27.174	95.5	12.624	90.2	1480.3	5489.4	18.3
720.0	715.0	4.590	4.534	34.324	27.192	30.506	27.185	94.4	12.719	90.2	1480.2	5614.9	10.7
730.0	724.9	4.544	4.487	34.332	27.204	30.564	27.197	93.3	12.813	90.2	1480.2	5741.4	23.3
740.0	734.8	4.506	4.449	34.345	27.218	30.625	27.212	92.0	12.905	90.2	1480.2	5868.8	8.9
750.0	744.7	4.462	4.404	34.347	27.224	30.677	27.218	91.5	12.997	90.2	1480.2	5997.0	3.1
760.0	754.6	4.447	4.389	34.351	27.229	30.728	27.222	91.1	13.089	90.2	1480.3	6126.2	8.6
770.0	764.5	4.407	4.348	34.351	27.233	30.779	27.227	90.7	13.179	90.2	1480.3	6256.2	3.4
780.0	774.4	4.370	4.310	34.350	27.237	30.829	27.231	90.4	13.270	90.2	1480.3	6387.2	2.5
790.0	784.3	4.340	4.280	34.360	27.248	30.886	27.241	89.4	13.360	90.2	1480.3	6519.0	10.1
800.0	794.2	4.306	4.245	34.366	27.256	30.941	27.250	88.7	13.449	90.2	1480.4	6651.8	12.7
810.0	804.1	4.250	4.188	34.372	27.267	30.999	27.261	87.6	13.537	90.2	1480.3	6785.3	4.5
820.0	814.0	4.206	4.144	34.379	27.277	31.055	27.271	86.7	13.624	90.2	1480.3	6919.8	10.4
830.0	823.9	4.186	4.123	34.382	27.281	31.106	27.275	86.4	13.711	90.2	1480.4	7055.1	3.1
840.0	833.8	4.149	4.086	34.383	27.287	31.157	27.280	85.9	13.797	90.1	1480.4	7191.2	9.5
850.0	843.7	4.151	4.087	34.393	27.294	31.210	27.287	85.3	13.882	90.2	1480.6	7328.2	14.8
860.0	853.6	4.108	4.043	34.391	27.297	31.260	27.291	85.0	13.968	90.2	1480.6	7466.1	4.3
870.0	863.5	4.084	4.019	34.397	27.304	31.313	27.298	84.4	14.052	90.2	1480.6	7604.7	13.9
880.0	873.4	4.050	3.984	34.401	27.312	31.367	27.305	83.7	14.136	90.2	1480.7	7744.2	7.2
890.0	883.3	4.015	3.948	34.408	27.321	31.423	27.314	82.9	14.220	90.2	1480.7	7884.5	11.6
900.0	893.2	3.970	3.903	34.411	27.327	31.476	27.321	82.3	14.302	90.2	1480.7	8025.6	3.7
910.0	903.1	3.937	3.869	34.417	27.336	31.531	27.329	81.5	14.384	90.2	1480.7	8167.6	4.0
920.0	913.0	3.916	3.848	34.422	27.342	31.583	27.335	81.0	14.465	90.2	1480.8	8310.3	1.9
930.0	922.9	3.902	3.833	34.424	27.346	31.632	27.338	80.7	14.546	90.2	1480.9	8453.8	1.9
940.0	932.8	3.892	3.822	34.427	27.349	31.681	27.342	80.5	14.627	90.2	1481.0	8598.1	4.0
950.0	942.7	3.852	3.781	34.430	27.355	31.735	27.348	79.9	14.707	90.2	1481.0	8743.2	8.7
960.0	952.6	3.836	3.765	34.433	27.359	31.784	27.352	79.5	14.787	90.2	1481.1	8889.1	1.6
970.0	962.5	3.812	3.740	34.437	27.365	31.836	27.358	79.0	14.866	90.2	1481.2	9035.8	8.1
980.0	972.4	3.775	3.702	34.443	27.373	31.892	27.366	78.2	14.945	90.2	1481.2	9183.2	9.6
990.0	982.3	3.743	3.671	34.448	27.381	31.945	27.374	77.6	15.023	90.2	1481.3	9331.4	5.2

Station 20 Latitude 32° 38.08'N Longitude 128° 18.42'W 28 Apr 1991 GMT 13:34 Bottom 4410 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.727	3.653	34.454	27.388	31.998	27.380	77.0	15.100	90.2	1481.4	9480.4	11.6
1020.0	1011.9	3.690	3.615	34.460	27.395	32.098	27.388	76.3	15.253	90.2	1481.5	9780.6	4.3
1040.0	1031.7	3.635	3.559	34.467	27.407	32.202	27.400	75.3	15.405	90.2	1481.6	10083.7	2.3
1060.0	1051.5	3.593	3.516	34.474	27.417	32.304	27.409	74.4	15.554	90.2	1481.8	10389.8	3.7
1080.0	1071.2	3.559	3.480	34.479	27.424	32.404	27.417	73.8	15.703	90.2	1482.0	10698.9	7.3
1100.0	1091.0	3.519	3.439	34.488	27.435	32.507	27.427	72.8	15.849	90.2	1482.2	11010.8	7.3
1120.0	1110.8	3.467	3.386	34.495	27.446	32.610	27.438	71.9	15.994	90.2	1482.3	11325.5	4.1
1140.0	1130.6	3.418	3.335	34.499	27.454	32.710	27.446	71.2	16.137	90.2	1482.4	11643.1	6.7
1160.0	1150.3	3.394	3.310	34.501	27.458	32.806	27.450	70.9	16.279	90.2	1482.7	11963.5	5.3
1180.0	1170.1	3.346	3.260	34.505	27.466	32.907	27.458	70.1	16.420	90.2	1482.8	12286.6	5.0
1200.0	1189.8	3.293	3.207	34.510	27.475	33.009	27.467	69.3	16.560	90.2	1482.9	12612.5	3.8
1220.0	1209.6	3.255	3.168	34.515	27.482	33.108	27.474	68.6	16.697	90.2	1483.1	12941.0	2.6
1240.0	1229.4	3.219	3.130	34.518	27.489	33.207	27.480	68.1	16.834	90.2	1483.3	13272.3	2.1
1260.0	1249.1	3.181	3.091	34.522	27.495	33.305	27.487	67.5	16.970	90.2	1483.4	13606.2	5.0
1280.0	1268.9	3.138	3.047	34.526	27.502	33.405	27.494	66.9	17.104	90.2	1483.6	13942.7	.6
1300.0	1288.6	3.106	3.013	34.527	27.507	33.501	27.498	66.5	17.237	90.2	1483.8	14281.9	1.2
1320.0	1308.4	3.067	2.974	34.531	27.513	33.600	27.505	65.9	17.370	90.2	1483.9	14623.6	3.9
1340.0	1328.1	3.021	2.926	34.535	27.521	33.700	27.512	65.2	17.501	90.2	1484.1	14967.9	-1.7
1360.0	1347.9	2.992	2.896	34.537	27.525	33.797	27.517	64.8	17.631	90.2	1484.3	15314.7	1.5
1380.0	1367.6	2.958	2.860	34.540	27.531	33.894	27.522	64.3	17.760	90.2	1484.5	15664.1	3.3
1400.0	1387.3	2.925	2.826	34.544	27.537	33.992	27.528	63.8	17.889	90.2	1484.7	16016.0	9.8
1420.0	1407.1	2.902	2.802	34.546	27.540	34.087	27.531	63.5	18.016	90.2	1484.9	16370.4	-.5
1440.0	1426.8	2.872	2.771	34.548	27.545	34.183	27.535	63.2	18.142	90.2	1485.1	16727.2	1.6
1460.0	1446.6	2.848	2.745	34.551	27.550	34.280	27.540	62.7	18.268	90.2	1485.4	17086.5	1.0
1480.0	1466.3	2.809	2.705	34.554	27.555	34.378	27.546	62.2	18.393	90.2	1485.5	17448.2	1.9
1500.0	1486.0	2.781	2.676	34.557	27.561	34.475	27.551	61.7	18.517	90.2	1485.7	17812.4	.2
1520.0	1505.8	2.743	2.636	34.561	27.567	34.574	27.558	61.1	18.640	90.2	1485.9	18178.9	4.3
1540.0	1525.5	2.726	2.618	34.561	27.569	34.667	27.559	61.0	18.762	90.2	1486.2	18547.9	.8
1560.0	1545.2	2.691	2.581	34.564	27.574	34.764	27.565	60.5	18.884	90.2	1486.4	18919.2	-.1
1580.0	1564.9	2.661	2.550	34.569	27.581	34.863	27.571	59.9	19.004	90.2	1486.6	19292.8	4.0
1600.0	1584.7	2.633	2.521	34.571	27.585	34.959	27.576	59.5	19.124	90.3	1486.8	19668.8	2.3
1620.0	1604.4	2.597	2.484	34.574	27.590	35.056	27.581	59.0	19.242	90.2	1487.0	20047.1	2.9
1640.0	1624.1	2.586	2.471	34.575	27.593	35.149	27.583	58.9	19.360	90.2	1487.3	20427.7	4.1
1660.0	1643.8	2.542	2.426	34.580	27.601	35.250	27.591	58.1	19.477	90.2	1487.4	20810.6	3.8
1680.0	1663.5	2.527	2.410	34.582	27.603	35.344	27.593	57.9	19.593	90.2	1487.7	21195.7	1.2
1700.0	1683.2	2.495	2.376	34.584	27.608	35.440	27.598	57.4	19.708	90.2	1487.9	21583.0	2.9
1720.0	1702.9	2.467	2.347	34.588	27.613	35.537	27.603	57.0	19.822	90.3	1488.1	21972.6	.9
1740.0	1722.7	2.443	2.322	34.589	27.616	35.632	27.606	56.7	19.936	90.3	1488.3	22364.4	2.7
1760.0	1742.4	2.416	2.293	34.591	27.620	35.727	27.610	56.3	20.049	90.3	1488.5	22758.4	1.8
1780.0	1762.1	2.373	2.250	34.595	27.627	35.826	27.617	55.6	20.161	90.3	1488.7	23154.6	4.4
1800.0	1781.8	2.345	2.220	34.596	27.631	35.922	27.620	55.3	20.272	90.2	1488.9	23552.9	3.6
1820.0	1801.5	2.318	2.192	34.599	27.635	36.018	27.625	54.8	20.382	90.3	1489.1	23953.3	5.0
1840.0	1821.2	2.287	2.160	34.602	27.640	36.115	27.630	54.3	20.491	90.3	1489.3	24355.9	3.0
1860.0	1840.9	2.256	2.127	34.604	27.645	36.211	27.634	53.8	20.599	90.3	1489.5	24760.6	4.5
1880.0	1860.6	2.244	2.114	34.606	27.647	36.304	27.636	53.7	20.707	90.3	1489.8	25167.4	2.5
1900.0	1880.3	2.220	2.088	34.608	27.650	36.399	27.640	53.3	20.814	90.3	1490.1	25576.2	3.3
1920.0	1899.9	2.197	2.065	34.610	27.654	36.494	27.643	53.0	20.920	90.3	1490.3	25987.1	-1.6
1940.0	1919.6	2.174	2.039	34.611	27.657	36.588	27.646	52.7	21.026	90.3	1490.5	26400.1	3.4
1960.0	1939.3	2.145	2.010	34.614	27.662	36.685	27.651	52.3	21.131	90.3	1490.7	26815.0	2.5
1980.0	1959.0	2.121	1.984	34.617	27.666	36.780	27.655	51.9	21.235	90.3	1491.0	27232.1	3.1
2000.0	1978.7	2.104	1.965	34.618	27.668	36.873	27.657	51.7	21.339	90.3	1491.2	27651.1	1.9
2050.0	2027.9	2.055	1.913	34.622	27.676	37.109	27.665	50.9	21.595	90.3	1491.9	28707.3	1.4
2096.0	2073.1	2.017	1.872	34.625	27.681	37.323	27.670	50.4	21.828	90.3	1492.5	29689.9	.0

Station 21 Latitude 32° 51.57'N Longitude 128° 11.62'W 28 Apr 1991 GMT 16:36 Bottom 4660 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.812	14.812	33.109	24.556	24.556	24.556	337.1	.000	89.0	1504.5	.0	.0
10.0	10.0	14.815	14.814	33.107	24.554	24.598	24.554	337.5	.337	89.0	1504.6	1.7	.1
20.0	19.9	14.813	14.811	33.108	24.555	24.644	24.555	337.7	.675	89.0	1504.8	6.7	1.8
30.0	29.9	14.802	14.797	33.108	24.559	24.691	24.558	337.7	1.013	89.0	1504.9	15.1	20.0
40.0	39.8	13.995	13.989	33.014	24.656	24.833	24.654	328.7	1.347	89.0	1502.4	26.9	49.4
50.0	49.8	13.840	13.833	33.020	24.692	24.914	24.691	325.5	1.675	89.1	1502.0	42.0	51.8
60.0	59.8	13.946	13.937	33.083	24.720	24.986	24.718	323.1	1.999	89.3	1502.6	60.3	25.7
70.0	69.7	13.858	13.849	33.080	24.736	25.046	24.733	321.9	2.322	89.3	1502.5	81.8	.5
80.0	79.7	13.884	13.873	33.108	24.752	25.107	24.750	320.6	2.643	89.4	1502.8	106.5	.6
90.0	89.7	14.032	14.019	33.161	24.763	25.162	24.760	319.9	2.963	89.5	1503.5	134.4	22.0
100.0	99.6	14.229	14.214	33.253	24.793	25.236	24.790	317.3	3.282	89.3	1504.4	165.5	37.8
110.0	109.6	14.231	14.216	33.349	24.867	25.354	24.864	310.6	3.596	89.1	1504.7	199.7	81.5
120.0	119.5	13.252	13.235	33.273	25.009	25.542	25.006	297.2	3.900	89.6	1501.5	237.1	165.1
130.0	129.5	11.648	11.632	33.113	25.192	25.774	25.190	279.6	4.188	89.7	1496.0	277.3	87.7
140.0	139.4	10.778	10.762	33.127	25.360	25.989	25.357	263.6	4.459	89.9	1493.1	320.4	77.0
150.0	149.4	9.920	9.903	33.146	25.521	26.198	25.518	248.3	4.716	90.2	1490.2	366.0	246.4
160.0	159.3	9.550	9.533	33.238	25.654	26.377	25.651	235.8	4.957	90.2	1489.1	414.1	91.4
170.0	169.3	9.437	9.419	33.278	25.703	26.472	25.700	231.3	5.190	90.2	1488.9	464.6	181.9
180.0	179.2	9.318	9.299	33.390	25.811	26.625	25.808	221.2	5.415	90.2	1488.7	517.3	136.5
190.0	189.1	9.266	9.245	33.577	25.966	26.825	25.962	206.7	5.629	90.2	1488.9	572.3	54.2
200.0	199.1	9.097	9.075	33.672	26.067	26.972	26.063	197.3	5.832	90.2	1488.6	629.2	104.3
210.0	209.0	9.150	9.128	33.792	26.153	27.102	26.149	189.4	6.025	90.2	1489.1	688.2	79.4
220.0	219.0	9.048	9.024	33.853	26.216	27.212	26.212	183.5	6.210	90.2	1489.0	749.0	62.7
230.0	228.9	9.020	8.995	33.907	26.263	27.304	26.259	179.3	6.391	90.2	1489.1	811.6	50.1
240.0	238.8	8.961	8.935	33.947	26.304	27.390	26.300	175.6	6.568	90.2	1489.1	876.0	33.2
250.0	248.8	8.850	8.824	33.973	26.342	27.474	26.338	172.1	6.743	90.2	1488.9	942.1	38.1
260.0	258.7	8.649	8.622	33.966	26.368	27.546	26.364	169.8	6.914	90.3	1488.3	1009.9	44.2
270.0	268.6	8.529	8.501	34.006	26.418	27.641	26.413	165.2	7.081	90.2	1488.0	1079.5	38.1
280.0	278.6	8.521	8.491	34.050	26.454	27.723	26.450	161.9	7.245	90.3	1488.2	1150.6	11.1
290.0	288.5	8.458	8.428	34.057	26.469	27.784	26.465	160.6	7.406	90.3	1488.2	1223.4	27.0
300.0	298.5	8.343	8.312	34.080	26.505	27.865	26.500	157.4	7.565	90.3	1487.9	1297.7	24.6
310.0	308.4	8.416	8.384	34.131	26.534	27.939	26.529	154.9	7.721	90.3	1488.4	1373.6	22.9
320.0	318.3	8.440	8.407	34.146	26.542	27.992	26.537	154.3	7.876	90.3	1488.7	1451.1	5.3
330.0	328.2	8.157	8.123	34.118	26.563	28.060	26.558	152.3	8.029	90.3	1487.7	1530.0	10.2
340.0	338.2	7.994	7.960	34.099	26.573	28.117	26.568	151.5	8.181	90.3	1487.3	1610.5	31.3
350.0	348.1	7.697	7.662	34.090	26.609	28.200	26.604	148.0	8.331	90.3	1486.3	1692.5	25.4
360.0	358.0	7.604	7.569	34.091	26.623	28.260	26.618	146.7	8.478	90.4	1486.1	1775.9	28.0
370.0	368.0	7.511	7.475	34.098	26.642	28.326	26.637	145.0	8.624	90.3	1485.9	1860.8	5.4
380.0	377.9	7.370	7.333	34.098	26.662	28.392	26.657	143.2	8.768	90.3	1485.5	1947.1	24.8
390.0	387.8	7.204	7.167	34.092	26.681	28.458	26.676	141.4	8.910	90.4	1485.0	2034.9	9.8
400.0	397.7	7.094	7.056	34.098	26.700	28.524	26.695	139.7	9.051	90.4	1484.7	2124.0	13.6
410.0	407.6	6.862	6.824	34.091	26.727	28.598	26.722	137.1	9.189	90.4	1484.0	2214.5	17.9
420.0	417.6	6.754	6.715	34.098	26.747	28.665	26.742	135.2	9.325	90.3	1483.7	2306.4	21.1
430.0	427.5	6.694	6.654	34.101	26.758	28.721	26.752	134.4	9.460	90.4	1483.7	2399.6	14.7
440.0	437.4	6.628	6.588	34.109	26.772	28.782	26.767	133.1	9.594	90.4	1483.6	2494.1	12.6
450.0	447.3	6.528	6.487	34.116	26.791	28.847	26.786	131.3	9.727	90.4	1483.4	2590.0	31.7
460.0	457.3	6.432	6.391	34.122	26.809	28.912	26.804	129.7	9.857	90.4	1483.1	2687.1	5.6
470.0	467.2	6.296	6.254	34.119	26.824	28.974	26.819	128.3	9.986	90.4	1482.8	2785.6	14.0
480.0	477.1	6.203	6.161	34.123	26.839	29.036	26.834	126.9	10.114	90.4	1482.6	2885.3	19.3
490.0	487.0	6.098	6.055	34.126	26.855	29.098	26.850	125.4	10.240	90.4	1482.3	2986.2	8.2
500.0	496.9	5.970	5.927	34.135	26.879	29.169	26.873	123.2	10.364	90.4	1482.0	3088.4	23.4
510.0	506.9	5.982	5.938	34.152	26.890	29.226	26.885	122.2	10.487	90.4	1482.2	3191.8	12.0
520.0	516.8	5.864	5.819	34.153	26.906	29.289	26.901	120.7	10.608	90.4	1481.9	3296.4	13.1
530.0	526.7	5.725	5.680	34.156	26.926	29.356	26.920	118.9	10.728	90.4	1481.5	3402.2	30.1
540.0	536.6	5.714	5.668	34.178	26.944	29.420	26.939	117.2	10.846	90.4	1481.6	3509.2	17.8
550.0	546.5	5.566	5.520	34.169	26.955	29.479	26.950	116.1	10.963	90.4	1481.2	3617.3	15.4
560.0	556.4	5.491	5.444	34.182	26.975	29.545	26.969	114.3	11.078	90.4	1481.1	3726.5	19.2
570.0	566.3	5.392	5.345	34.185	26.989	29.606	26.983	113.0	11.191	90.4	1480.8	3836.9	8.7
580.0	576.3	5.381	5.333	34.193	26.997	29.659	26.991	112.4	11.304	90.4	1481.0	3948.4	9.0
590.0	586.2	5.283	5.235	34.199	27.013	29.723	27.008	110.8	11.416	90.4	1480.7	4061.1	24.2
600.0	596.1	5.109	5.060	34.183	27.021	29.779	27.015	109.9	11.526	90.4	1480.2	4174.8	14.8
610.0	606.0	5.032	4.983	34.189	27.034	29.839	27.028	108.7	11.636	90.4	1480.0	4289.6	8.3
620.0	615.9	4.966	4.917	34.192	27.044	29.896	27.039	107.7	11.744	90.4	1479.9	4405.4	23.0
630.0	625.8	5.002	4.952	34.217	27.060	29.957	27.054	106.4	11.851	90.3	1480.3	4522.4	14.5
640.0	635.7	4.977	4.926	34.229	27.072	30.015	27.066	105.4	11.957	90.3	1480.3	4640.3	14.2
650.0	645.7	4.949	4.897	34.242	27.087	30.075	27.081	104.1	12.062	90.3	1480.4	4759.3	10.4
660.0	655.5	4.905	4.853	34.256	27.102	30.137	27.096	102.7	12.165	90.3	1480.4	4879.4	15.4
670.0	665.5	4.668	4.616	34.235	27.112	30.197	27.106	101.4	12.267	90.3	1479.6	5000.4	17.1
680.0	675.4	4.524	4.472	34.239	27.131	30.264	27.125	99.6	12.368	90.3	1479.1	5122.4	27.3
690.0	685.3	4.504	4.451	34.239	27.133	30.313	27.128	99.4	12.467	90.3	1479.2	5245.5	10.6
700.0	695.2	4.435	4.382	34.240	27.142	30.368	27.136	98.6	12.566	90.3	1479.1	5369.5	8.9
710.0	705.1	4.438	4.384	34.251	27.150	30.422	27.144	97.9	12.665	90.2	1479.3	5494.4	15.0
720.0	715.0	4.396	4.341	34.264	27.165	30.483	27.159	96.5	12.762	90.2	1479.3	5620.4	9.2
730.0	724.9	4.432	4.376	34.282	27.176	30.538	27.169	95.7	12.858	90.2	1479.6	5747.3	10.9
740.0	734.8	4.387	4.331	34.289	27.186	30.595	27.180	94.8	12.953	90.2	1479.6	5875.1	13.0
750.0	744.7	4.341	4.284	34.293	27.194	30.650	27.188	94.0	13.048	90.2	1479.6	6003.8	14.2
760.0	754.6	4.316	4.258	34.302	27.204	30.706	27.198	93.2	13.141	90.2	1479.7	6133.5	9.5
770.0	764.5	4.263	4.205	34.311	27.217	30.765	27.210	92.0	13.234	90.2	1479.6	6264.1	10.1
780.0	774.4	4.238	4.179	34.317	27.224	30.819	27.218	91.3	13.325	90.2	1479.7	6395.6	7.7
790.0	784.3	4.203	4.143	34.322	27.232	30.873	27.226	90.6	13.417	90.2	1479.7	6528.0	7.4
800.0	794.2	4.187	4.127	34.326	27.237	30.924	27.230	90.3	13.507	90.2	1479.8	6661.3	3.9
810.0	804.1	4.193	4.132	34.336	27.245	30.978	27.238	89.6	13.597	90.2	1480.0	6795.5	3.0
820.0	814.0	4.168	4.107	34.345	27.254	31.034	27.248	88.7	13.686	90.2	1480.1	6930.5	13.0
830.0	823.9	4.186	4.123	34.359	27.263	31.088	27.257	88.0	13.774	90.2	1480.4	7066.4	9.8
840.0	833.8	4.168	4.105	34.363	27.269	31.139	27.262	87.6	13.862	90.2	1480.5	7203.2	4.8
850.0	843.7	4.139	4.075	34.368	27.276	31.193	27.269	87.0	13.950	90.2	1480.5	7340.9	8.6
860.0	853.6	4.126	4.061	34.377	27.284	31.247	27.277	86.3	14.036	90.2	1480.6	7479.4	4.5
870.0	863.5	4.102	4.037	34.382	27.291	31.300	27.284	85.7	14.122	90.2	1480.7	7618.7	10.4
880.0	873.4	4.079	4.013	34.387	27.297	31.352	27.291	85.1	14.208	90.2	1480.8	7758.9	4.3
890.0	883.3	4.017	3.950	34.390	27.306	31.408	27.299	84.2	14.292	90.2	1480.7	7899.9	8.4
900.0	893.2	4.008	3.941	34.395	27.311	31.459	27.304	83.9	14.376	90.2	1480.8	8041.7	4.3
910.0	903.1	3.988	3.920	34.400	27.317	31.511	27.310	83.3	14.460	90.2	1480.9	8184.4	7.5
920.0	913.0	3.958	3.889	34.408	27.326	31.567	27.320	82.5	14.543	90.2	1480.9	8327.9	5.7
930.0	922.9	3.933	3.864	34.414	27.334	31.620	27.326	81.9	14.625	90.2	1481.0	8472.2	7.2
940.0	932.8	3.894	3.824	34.417	27.340	31.673	27.333	81.3	14.707	90.2	1481.0	8617.3	7.2
950.0	942.7	3.879	3.808	34.420	27.344	31.723	27.337	80.9	14.788	90.2	1481.1	8763.2	5.2
960.0	952.6	3.849	3.778	34.425	27.351	31.777	27.344	80.3	14.868	90.2	1481.2	8909.9	.8
970.0	962.5	3.847	3.775	34.426	27.353	31.823	27.346	80.3	14.949	90.2	1481.3	9057.4	4.0
980.0	972.3	3.826	3.753	34.429	27.357	31.874	27.350	79.9	15.029	90.2	1481.4	9205.6	7.8
990.0	982.2	3.807	3.734	34.435	27.364	31.927	27.356	79.3	15.108	90.2	1481.5	9354.7	4.6

Station 21		Latitude 32° 51.57'N			Longitude 128° 11.62'W			28 Apr 1991 GMT 16:36				Bottom 4660 m	
Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.787	3.713	34.439	27.369	31.978	27.362	78.8	15.187	90.2	1481.6	9504.5	9.6
1020.0	1011.9	3.742	3.667	34.447	27.380	32.082	27.373	77.9	15.344	90.2	1481.7	9806.4	9.0
1040.0	1031.7	3.705	3.629	34.456	27.391	32.184	27.383	76.9	15.499	90.2	1481.9	10111.4	1.4
1060.0	1051.5	3.652	3.574	34.462	27.402	32.287	27.394	76.0	15.652	90.2	1482.0	10419.4	2.6
1080.0	1071.2	3.612	3.533	34.467	27.409	32.387	27.402	75.3	15.803	90.2	1482.2	10730.4	2.0
1100.0	1091.0	3.588	3.507	34.472	27.415	32.485	27.407	74.9	15.953	90.2	1482.4	11044.3	3.5
1120.0	1110.8	3.543	3.461	34.478	27.425	32.587	27.417	74.0	16.102	90.2	1482.6	11361.2	.6
1140.0	1130.5	3.510	3.427	34.485	27.434	32.688	27.426	73.3	16.249	90.2	1482.8	11681.0	.0
1160.0	1150.3	3.470	3.385	34.489	27.441	32.788	27.433	72.6	16.395	90.2	1483.0	12003.6	3.8
1180.0	1170.1	3.428	3.342	34.494	27.449	32.888	27.441	71.9	16.540	90.2	1483.1	12329.0	2.6
1200.0	1189.8	3.375	3.288	34.501	27.460	32.991	27.451	71.0	16.682	90.2	1483.2	12657.3	1.5
1220.0	1209.6	3.348	3.260	34.503	27.464	33.087	27.456	70.6	16.824	90.2	1483.5	12988.3	-1.1
1240.0	1229.3	3.310	3.221	34.508	27.472	33.187	27.464	69.9	16.965	90.2	1483.6	13322.1	4.4
1260.0	1249.1	3.268	3.177	34.517	27.483	33.290	27.475	68.9	17.104	90.2	1483.8	13658.6	6.8
1280.0	1268.8	3.230	3.138	34.518	27.487	33.387	27.479	68.6	17.241	90.2	1484.0	13997.8	3.9
1300.0	1288.6	3.190	3.097	34.521	27.494	33.486	27.485	68.0	17.378	90.2	1484.1	14339.7	1.5
1320.0	1308.3	3.146	3.051	34.524	27.500	33.584	27.492	67.4	17.513	90.2	1484.3	14684.2	3.3
1340.0	1328.1	3.118	3.022	34.528	27.507	33.683	27.498	66.8	17.647	90.2	1484.5	15031.4	6.8
1360.0	1347.8	3.089	2.992	34.532	27.512	33.780	27.503	66.4	17.781	90.2	1484.7	15381.2	3.0
1380.0	1367.6	3.046	2.947	34.536	27.520	33.880	27.511	65.7	17.913	90.2	1484.9	15733.5	5.7
1400.0	1387.3	3.003	2.904	34.539	27.526	33.978	27.517	65.1	18.043	90.2	1485.0	16088.4	5.1
1420.0	1407.1	2.967	2.867	34.541	27.531	34.075	27.521	64.7	18.173	90.2	1485.2	16445.9	2.5
1440.0	1426.8	2.936	2.834	34.544	27.536	34.172	27.527	64.2	18.302	90.2	1485.4	16805.8	2.8
1460.0	1446.5	2.885	2.781	34.547	27.544	34.273	27.534	63.4	18.429	90.2	1485.5	17168.3	9.5
1480.0	1466.3	2.839	2.735	34.550	27.550	34.372	27.541	62.8	18.556	90.2	1485.7	17533.2	-.1
1500.0	1486.0	2.804	2.698	34.554	27.556	34.470	27.547	62.2	18.681	90.2	1485.8	17900.6	2.8
1520.0	1505.7	2.767	2.660	34.557	27.562	34.568	27.553	61.7	18.805	90.2	1486.0	18270.3	4.6
1540.0	1525.5	2.744	2.635	34.560	27.566	34.664	27.557	61.3	18.927	90.2	1486.3	18642.5	1.1
1560.0	1545.2	2.703	2.594	34.563	27.573	34.762	27.563	60.7	19.049	90.2	1486.4	19017.1	5.2
1580.0	1564.9	2.665	2.554	34.567	27.579	34.861	27.569	60.1	19.170	90.2	1486.6	19394.0	4.3
1600.0	1584.6	2.627	2.515	34.570	27.585	34.959	27.575	59.5	19.290	90.2	1486.8	19773.3	6.7
1620.0	1604.4	2.592	2.479	34.572	27.589	35.055	27.580	59.1	19.409	90.2	1486.9	20154.8	4.3
1640.0	1624.1	2.560	2.446	34.574	27.594	35.152	27.584	58.7	19.526	90.2	1487.1	20538.7	2.6
1660.0	1643.8	2.527	2.411	34.577	27.600	35.249	27.590	58.1	19.643	90.2	1487.3	20924.8	2.9
1680.0	1663.5	2.503	2.386	34.579	27.603	35.345	27.593	57.8	19.759	90.3	1487.6	21313.2	.6
1700.0	1683.2	2.468	2.350	34.581	27.608	35.441	27.598	57.3	19.874	90.2	1487.8	21703.8	5.3
1720.0	1702.9	2.436	2.317	34.584	27.613	35.538	27.603	56.8	19.988	90.3	1488.0	22096.7	2.6
1740.0	1722.6	2.410	2.290	34.585	27.616	35.633	27.606	56.6	20.102	90.2	1488.2	22491.7	2.1
1760.0	1742.3	2.391	2.269	34.588	27.619	35.728	27.609	56.2	20.214	90.2	1488.4	22889.0	.0
1780.0	1762.1	2.375	2.252	34.591	27.624	35.823	27.613	55.9	20.326	90.2	1488.7	23288.4	2.7
1800.0	1781.8	2.359	2.234	34.595	27.628	35.919	27.618	55.5	20.438	90.3	1489.0	23690.0	.4
1820.0	1801.4	2.341	2.214	34.597	27.632	36.013	27.621	55.2	20.549	90.2	1489.2	24093.7	1.0
1840.0	1821.2	2.317	2.189	34.599	27.636	36.109	27.625	54.9	20.659	90.2	1489.5	24499.6	-1.1
1860.0	1840.8	2.291	2.162	34.602	27.640	36.205	27.629	54.4	20.768	90.2	1489.7	24907.6	3.3
1880.0	1860.5	2.275	2.144	34.603	27.642	36.297	27.631	54.3	20.877	90.2	1490.0	25317.7	3.0
1900.0	1880.2	2.247	2.115	34.606	27.647	36.394	27.636	53.8	20.985	90.3	1490.2	25729.9	2.8
1920.0	1899.9	2.226	2.093	34.607	27.650	36.488	27.639	53.5	21.093	90.2	1490.4	26144.2	-.2
1940.0	1919.6	2.199	2.064	34.610	27.654	36.584	27.643	53.1	21.199	90.3	1490.6	26560.5	2.2
1960.0	1939.3	2.174	2.038	34.612	27.657	36.679	27.647	52.8	21.305	90.2	1490.9	26978.9	4.3
1980.0	1959.0	2.154	2.016	34.613	27.660	36.773	27.649	52.5	21.411	90.3	1491.1	27399.4	2.2
2000.0	1978.7	2.136	1.997	34.614	27.663	36.867	27.652	52.3	21.515	90.3	1491.4	27821.8	1.7
2050.0	2027.9	2.099	1.956	34.619	27.670	37.100	27.659	51.7	21.776	90.3	1492.1	28886.8	1.7
2098.0	2075.1	2.041	1.895	34.624	27.679	37.329	27.668	50.8	22.022	90.3	1492.6	29921.0	.0

Station 22 Latitude 33° 05.07'N Longitude 128° 04.87'W 28 Apr 1991 GMT 19:33 Bottom 4550 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.863	14.863	33.182	24.601	24.601	24.601	332.8	.000	88.8	1504.7	.0	.0
10.0	10.0	14.851	14.849	33.179	24.602	24.646	24.601	333.0	.333	88.9	1504.8	1.7	3.3
20.0	19.9	14.850	14.847	33.179	24.602	24.690	24.601	333.3	.666	88.9	1505.0	6.6	1.6
30.0	29.9	14.827	14.823	33.177	24.606	24.738	24.605	333.2	.999	88.8	1505.1	14.9	1.0
40.0	39.8	14.596	14.590	33.150	24.634	24.811	24.633	330.7	1.332	88.7	1504.5	26.5	130.4
50.0	49.8	14.237	14.230	33.164	24.722	24.943	24.720	322.7	1.657	89.0	1503.5	41.4	35.4
60.0	59.8	14.043	14.034	33.147	24.749	25.015	24.747	320.4	1.979	89.2	1503.0	59.5	21.7
70.0	69.7	14.155	14.145	33.191	24.760	25.070	24.758	319.6	2.298	89.1	1503.6	80.8	9.1
80.0	79.7	14.241	14.230	33.233	24.774	25.129	24.772	318.5	2.618	89.1	1504.1	105.3	18.2
90.0	89.7	14.267	14.254	33.255	24.786	25.185	24.784	317.7	2.936	89.1	1504.4	133.0	14.7
100.0	99.6	14.363	14.348	33.309	24.809	25.251	24.806	315.9	3.253	88.9	1504.9	163.8	34.6
110.0	109.6	14.229	14.214	33.358	24.875	25.362	24.872	309.9	3.567	88.9	1504.7	197.7	229.4
120.0	119.5	13.066	13.050	33.444	25.179	25.712	25.175	281.0	3.862	89.6	1501.1	234.7	148.4
130.0	129.5	12.433	12.416	33.403	25.271	25.851	25.267	272.4	4.140	89.8	1499.1	274.5	152.3
140.0	139.4	11.777	11.759	33.319	25.329	25.955	25.325	266.9	4.409	89.9	1496.9	317.1	50.9
150.0	149.4	10.983	10.965	33.260	25.427	26.101	25.424	257.5	4.669	90.1	1494.1	362.3	141.8
160.0	159.3	9.805	9.787	33.183	25.569	26.292	25.566	243.9	4.919	90.1	1489.9	410.0	148.9
170.0	169.3	9.334	9.316	33.263	25.708	26.477	25.705	230.8	5.157	90.2	1488.5	460.1	145.0
180.0	179.2	9.107	9.088	33.341	25.806	26.621	25.803	221.6	5.382	90.2	1487.9	512.5	46.6
190.0	189.1	8.953	8.933	33.432	25.902	26.763	25.898	212.7	5.600	90.2	1487.6	567.1	65.6
200.0	199.1	8.900	8.879	33.501	25.964	26.870	25.961	207.0	5.810	90.2	1487.6	623.8	160.8
210.0	209.0	8.791	8.769	33.597	26.056	27.008	26.053	198.3	6.012	90.2	1487.5	682.6	109.8
220.0	219.0	8.822	8.799	33.725	26.152	27.148	26.148	189.6	6.206	90.2	1488.0	743.3	89.6
230.0	228.9	8.694	8.670	33.787	26.221	27.263	26.217	183.1	6.392	90.2	1487.7	805.9	38.4
240.0	238.8	8.603	8.578	33.822	26.262	27.350	26.258	179.4	6.573	90.2	1487.6	870.3	66.8
250.0	248.8	8.458	8.432	33.907	26.351	27.485	26.347	171.1	6.748	90.2	1487.3	936.5	93.1
260.0	258.7	8.315	8.288	33.934	26.394	27.574	26.390	167.1	6.917	90.3	1487.0	1004.4	16.3
270.0	268.6	8.257	8.229	33.965	26.427	27.652	26.423	164.2	7.083	90.2	1486.9	1073.9	34.8
280.0	278.6	8.067	8.039	33.979	26.466	27.738	26.462	160.5	7.246	90.3	1486.4	1145.1	25.7
290.0	288.5	7.953	7.924	34.004	26.503	27.821	26.499	157.1	7.404	90.3	1486.2	1217.8	24.8
300.0	298.4	7.806	7.776	34.021	26.538	27.902	26.533	153.9	7.560	90.3	1485.8	1292.1	35.0
310.0	308.4	7.731	7.700	34.033	26.559	27.969	26.554	152.1	7.713	90.2	1485.7	1368.0	22.7
320.0	318.3	7.567	7.536	34.043	26.590	28.047	26.586	149.1	7.864	90.3	1485.2	1445.3	44.6
330.0	328.2	7.344	7.313	34.053	26.630	28.133	26.625	145.4	8.011	90.3	1484.5	1524.1	27.9
340.0	338.2	7.255	7.222	34.055	26.644	28.194	26.639	144.2	8.156	90.3	1484.3	1604.4	20.6
350.0	348.1	7.120	7.087	34.060	26.667	28.263	26.662	142.1	8.299	90.3	1484.0	1686.1	27.0
360.0	358.0	7.027	6.994	34.063	26.682	28.325	26.677	140.7	8.440	90.3	1483.8	1769.1	31.7
370.0	367.9	6.921	6.887	34.064	26.697	28.386	26.693	139.3	8.580	90.4	1483.5	1853.6	16.1
380.0	377.9	6.797	6.762	34.069	26.718	28.454	26.713	137.4	8.718	90.3	1483.2	1939.5	7.3
390.0	387.8	6.678	6.642	34.069	26.734	28.516	26.729	136.0	8.855	90.4	1482.9	2026.7	14.3
400.0	397.7	6.647	6.611	34.082	26.748	28.576	26.743	134.7	8.991	90.4	1483.0	2115.2	8.5
410.0	407.6	6.550	6.513	34.080	26.760	28.634	26.755	133.7	9.125	90.4	1482.7	2205.1	4.4
420.0	417.6	6.501	6.463	34.081	26.767	28.688	26.763	133.1	9.258	90.4	1482.7	2296.3	10.2
430.0	427.5	6.418	6.379	34.085	26.781	28.748	26.776	131.8	9.391	90.4	1482.5	2388.8	7.9
440.0	437.4	6.310	6.271	34.088	26.797	28.810	26.792	130.4	9.522	90.4	1482.3	2482.7	7.9
450.0	447.3	6.214	6.174	34.084	26.807	28.867	26.802	129.5	9.652	90.4	1482.1	2577.8	9.6
460.0	457.3	6.320	6.280	34.121	26.823	28.927	26.817	128.3	9.781	90.4	1482.7	2674.2	17.3
470.0	467.2	6.286	6.244	34.131	26.835	28.985	26.829	127.2	9.908	90.4	1482.7	2771.8	22.8
480.0	477.1	6.183	6.141	34.140	26.855	29.052	26.850	125.3	10.035	90.4	1482.5	2870.8	21.9
490.0	487.0	6.093	6.051	34.146	26.872	29.115	26.866	123.8	10.159	90.4	1482.3	2970.9	14.0
500.0	496.9	6.037	5.994	34.150	26.882	29.171	26.876	123.0	10.283	90.4	1482.3	3072.3	4.6
510.0	506.8	5.964	5.920	34.153	26.894	29.230	26.888	121.9	10.405	90.4	1482.1	3174.9	23.4
520.0	516.8	5.918	5.873	34.157	26.902	29.284	26.897	121.1	10.527	90.4	1482.1	3278.7	13.4
530.0	526.7	5.854	5.809	34.167	26.919	29.347	26.913	119.7	10.647	90.4	1482.0	3383.7	14.3
540.0	536.6	5.819	5.773	34.174	26.929	29.403	26.923	118.8	10.767	90.4	1482.1	3489.8	15.8
550.0	546.5	5.717	5.670	34.179	26.945	29.466	26.939	117.3	10.885	90.4	1481.8	3597.2	13.1
560.0	556.4	5.649	5.602	34.182	26.956	29.524	26.950	116.3	11.002	90.4	1481.7	3705.7	18.4
570.0	566.3	5.613	5.565	34.190	26.966	29.580	26.960	115.4	11.118	90.4	1481.7	3815.3	24.5
580.0	576.3	5.530	5.481	34.203	26.987	29.648	26.981	113.4	11.232	90.4	1481.6	3926.1	11.0
590.0	586.2	5.483	5.433	34.210	26.998	29.705	26.992	112.5	11.345	90.3	1481.6	4038.0	4.0
600.0	596.1	5.427	5.377	34.220	27.013	29.766	27.007	111.1	11.457	90.3	1481.5	4151.0	10.5
610.0	606.0	5.358	5.308	34.230	27.029	29.829	27.023	109.7	11.567	90.3	1481.4	4265.1	15.1
620.0	615.9	5.330	5.279	34.234	27.035	29.881	27.029	109.1	11.676	90.3	1481.5	4380.3	11.3
630.0	625.8	5.238	5.186	34.243	27.053	29.946	27.047	107.4	11.784	90.3	1481.3	4496.6	10.4
640.0	635.7	5.199	5.146	34.249	27.063	30.002	27.057	106.5	11.891	90.2	1481.3	4613.9	14.0
650.0	645.6	5.089	5.036	34.252	27.078	30.064	27.072	105.1	11.997	90.2	1481.0	4732.2	10.7
660.0	655.5	5.022	4.968	34.253	27.087	30.120	27.081	104.3	12.102	90.2	1480.9	4851.6	15.1
670.0	665.4	4.955	4.901	34.258	27.098	30.178	27.092	103.2	12.206	90.2	1480.8	4972.1	15.7
680.0	675.3	4.972	4.918	34.279	27.113	30.238	27.107	102.0	12.308	90.2	1481.0	5093.5	11.9
690.0	685.3	4.888	4.832	34.276	27.121	30.293	27.115	101.2	12.410	90.2	1480.9	5215.9	5.1
700.0	695.2	4.863	4.807	34.286	27.131	30.349	27.125	100.3	12.511	90.2	1480.9	5339.4	9.3
710.0	705.1	4.893	4.836	34.300	27.139	30.402	27.133	99.7	12.611	90.2	1481.2	5463.8	11.6
720.0	715.0	4.873	4.816	34.310	27.149	30.458	27.143	98.9	12.710	90.2	1481.3	5589.2	9.3
730.0	724.9	4.825	4.766	34.313	27.157	30.513	27.150	98.2	12.809	90.2	1481.3	5715.6	15.7
740.0	734.8	4.777	4.718	34.314	27.164	30.566	27.157	97.6	12.907	90.2	1481.3	5843.0	6.6
750.0	744.7	4.715	4.656	34.316	27.172	30.621	27.165	96.8	13.004	90.2	1481.2	5971.3	11.6
760.0	754.6	4.676	4.616	34.325	27.184	30.679	27.177	95.7	13.100	90.2	1481.2	6100.5	8.1
770.0	764.5	4.628	4.567	34.332	27.195	30.736	27.188	94.7	13.195	90.1	1481.2	6230.7	5.8
780.0	774.4	4.603	4.542	34.338	27.202	30.789	27.195	94.1	13.290	90.1	1481.2	6361.9	4.6
790.0	784.3	4.596	4.535	34.339	27.204	30.837	27.197	94.0	13.384	90.1	1481.4	6493.9	.5
800.0	794.2	4.534	4.471	34.345	27.215	30.895	27.208	93.0	13.478	90.1	1481.3	6626.9	11.0
810.0	804.1	4.431	4.369	34.341	27.223	30.951	27.216	92.1	13.570	90.1	1481.0	6760.8	7.5
820.0	814.0	4.422	4.358	34.344	27.226	31.000	27.220	91.9	13.662	90.1	1481.2	6895.6	8.1
830.0	823.9	4.420	4.356	34.356	27.236	31.056	27.229	91.0	13.754	90.1	1481.3	7031.3	15.1
840.0	833.8	4.391	4.326	34.363	27.246	31.111	27.239	90.2	13.844	90.1	1481.4	7167.9	9.6
850.0	843.7	4.404	4.338	34.376	27.254	31.165	27.247	89.5	13.934	90.1	1481.6	7305.4	2.3
860.0	853.6	4.378	4.312	34.383	27.263	31.220	27.256	88.8	14.023	90.1	1481.7	7443.7	16.3
870.0	863.5	4.314	4.247	34.387	27.273	31.277	27.266	87.8	14.112	90.1	1481.6	7583.0	19.5
880.0	873.4	4.284	4.216	34.391	27.279	31.329	27.272	87.3	14.199	90.1	1481.6	7723.0	10.2
890.0	883.3	4.244	4.176	34.396	27.288	31.384	27.281	86.5	14.286	90.1	1481.6	7864.0	2.9
900.0	893.2	4.232	4.163	34.402	27.293	31.436	27.286	86.0	14.372	90.1	1481.8	8005.8	6.4
910.0	903.1	4.211	4.141	34.407	27.300	31.488	27.292	85.5	14.458	90.2	1481.8	8148.4	3.2
920.0	913.0	4.201	4.131	34.416	27.308	31.542	27.301	84.8	14.543	90.1	1482.0	8291.9	3.5
930.0	922.9	4.129	4.059	34.415	27.315	31.596	27.307	84.1	14.628	90.1	1481.8	8436.2	4.0
940.0	932.8	4.103	4.032	34.417	27.319	31.646	27.311	83.7	14.712	90.1	1481.9	8581.3	4.6
950.0	942.7	4.035	3.963	34.422	27.330	31.705	27.323	82.6	14.795	90.1	1481.8	8727.3	8.1
960.0	952.5	4.009	3.937	34.423	27.334	31.755	27.326	82.3	14.877	90.1	1481.8	8874.1	10.8
970.0	962.4	3.976	3.903	34.430	27.343	31.810	27.335	81.5	14.959	90.1	1481.9	9021.6	9.6
980.0	972.3	3.961	3.887	34.435	27.348	31.862	27.341	81.0	15.040	90.1	1482.0	9170.0	9.3
990.0	982.2	3.902	3.828	34.438	27.356	31.917	27.349	80.2	15.121	90.1	1481.9	9319.2	3.7

Station 22 Latitude 33° 05.07'N Longitude 128° 04.87'W 28 Apr 1991 GMT 19:33 Bottom 4550 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.870	3.796	34.440	27.362	31.969	27.354	79.7	15.201	90.1	1481.9	9469.1	8.4
1020.0	1011.9	3.812	3.736	34.445	27.372	32.071	27.364	78.8	15.359	90.1	1482.0	9771.3	6.4
1040.0	1031.7	3.766	3.689	34.454	27.384	32.175	27.376	77.8	15.516	90.2	1482.2	10076.7	2.6
1060.0	1051.4	3.724	3.645	34.465	27.396	32.280	27.389	76.6	15.670	90.1	1482.3	10385.0	2.6
1080.0	1071.2	3.675	3.595	34.465	27.402	32.378	27.394	76.2	15.823	90.1	1482.5	10696.4	1.7
1100.0	1091.0	3.642	3.561	34.473	27.412	32.480	27.403	75.4	15.975	90.1	1482.7	11010.7	4.4
1120.0	1110.8	3.593	3.511	34.479	27.421	32.582	27.413	74.5	16.125	90.1	1482.8	11328.0	2.3
1140.0	1130.5	3.541	3.457	34.484	27.431	32.684	27.422	73.7	16.273	90.2	1482.9	11648.2	7.9
1160.0	1150.3	3.500	3.415	34.492	27.440	32.786	27.432	72.8	16.419	90.2	1483.1	11971.3	2.9
1180.0	1170.1	3.454	3.368	34.499	27.451	32.889	27.442	71.8	16.564	90.2	1483.2	12297.2	6.5
1200.0	1189.8	3.408	3.321	34.505	27.460	32.990	27.452	71.0	16.707	90.2	1483.4	12626.0	4.7
1220.0	1209.6	3.364	3.275	34.511	27.469	33.091	27.460	70.2	16.848	90.2	1483.5	12957.5	3.5
1240.0	1229.3	3.329	3.239	34.514	27.475	33.189	27.466	69.7	16.988	90.2	1483.7	13291.7	.9
1260.0	1249.1	3.298	3.207	34.517	27.480	33.286	27.471	69.3	17.127	90.2	1483.9	13628.7	3.6
1280.0	1268.8	3.256	3.163	34.521	27.488	33.387	27.479	68.6	17.265	90.2	1484.1	13968.3	4.5
1300.0	1288.6	3.234	3.140	34.523	27.492	33.482	27.483	68.3	17.402	90.2	1484.3	14310.7	4.8
1320.0	1308.3	3.191	3.096	34.528	27.500	33.582	27.491	67.6	17.538	90.1	1484.5	14655.7	7.1
1340.0	1328.1	3.161	3.065	34.530	27.504	33.679	27.495	67.2	17.672	90.2	1484.7	15003.3	2.7
1360.0	1347.8	3.117	3.020	34.534	27.512	33.778	27.503	66.5	17.806	90.2	1484.8	15353.6	3.9
1380.0	1367.6	3.082	2.984	34.537	27.517	33.876	27.508	66.0	17.939	90.2	1485.0	15706.5	4.2
1400.0	1387.3	3.054	2.954	34.540	27.522	33.973	27.513	65.6	18.070	90.2	1485.2	16061.9	1.9
1420.0	1407.1	3.005	2.904	34.541	27.527	34.070	27.518	65.1	18.201	90.2	1485.4	16419.9	8.1
1440.0	1426.8	2.962	2.859	34.543	27.533	34.168	27.524	64.6	18.331	90.2	1485.5	16780.4	5.4
1460.0	1446.5	2.907	2.803	34.546	27.540	34.269	27.531	63.8	18.459	90.2	1485.6	17143.4	3.7
1480.0	1466.3	2.868	2.763	34.547	27.545	34.365	27.535	63.4	18.586	90.2	1485.8	17508.9	1.6
1500.0	1486.0	2.832	2.726	34.550	27.551	34.463	27.541	62.8	18.712	90.2	1486.0	17876.9	3.1
1520.0	1505.7	2.800	2.693	34.555	27.558	34.562	27.548	62.2	18.838	90.2	1486.2	18247.3	5.2
1540.0	1525.4	2.766	2.658	34.557	27.562	34.659	27.553	61.8	18.962	90.2	1486.3	18620.2	8.4
1560.0	1545.2	2.727	2.617	34.561	27.569	34.758	27.559	61.1	19.084	90.2	1486.5	18995.4	2.6
1580.0	1564.9	2.702	2.591	34.565	27.574	34.854	27.565	60.7	19.206	90.2	1486.7	19373.0	-.4
1600.0	1584.6	2.681	2.569	34.568	27.579	34.951	27.569	60.3	19.327	90.2	1487.0	19753.0	2.0
1620.0	1604.3	2.651	2.538	34.569	27.582	35.046	27.573	60.0	19.448	90.2	1487.2	20135.3	2.0
1640.0	1624.1	2.612	2.497	34.573	27.588	35.144	27.579	59.4	19.567	90.2	1487.4	20519.9	1.1
1660.0	1643.8	2.591	2.475	34.573	27.591	35.238	27.581	59.2	19.685	90.2	1487.6	20906.9	.6
1680.0	1663.5	2.553	2.435	34.576	27.597	35.336	27.587	58.6	19.803	90.2	1487.8	21296.1	2.6
1700.0	1683.2	2.507	2.389	34.578	27.602	35.434	27.592	58.0	19.920	90.2	1487.9	21687.6	3.8
1720.0	1702.9	2.491	2.371	34.584	27.608	35.531	27.598	57.5	20.035	90.2	1488.2	22081.4	.3
1740.0	1722.6	2.459	2.338	34.585	27.612	35.627	27.602	57.1	20.150	90.2	1488.4	22477.4	5.6
1760.0	1742.3	2.419	2.297	34.585	27.615	35.722	27.605	56.8	20.264	90.2	1488.6	22875.6	.9
1780.0	1762.0	2.376	2.253	34.588	27.622	35.821	27.611	56.1	20.376	90.2	1488.7	23276.0	3.3
1800.0	1781.7	2.349	2.224	34.590	27.625	35.916	27.615	55.8	20.488	90.2	1488.9	23678.5	3.0
1820.0	1801.4	2.321	2.194	34.592	27.629	36.012	27.618	55.4	20.600	90.2	1489.1	24083.3	4.8
1840.0	1821.1	2.292	2.165	34.595	27.634	36.109	27.624	54.9	20.710	90.2	1489.3	24490.1	4.5
1860.0	1840.8	2.279	2.150	34.597	27.637	36.202	27.626	54.7	20.819	90.2	1489.6	24899.1	-.2
1880.0	1860.5	2.256	2.126	34.601	27.642	36.299	27.632	54.2	20.928	90.2	1489.9	25310.2	4.8
1900.0	1880.2	2.241	2.109	34.603	27.645	36.393	27.634	53.9	21.036	90.2	1490.1	25723.4	3.9
1920.0	1899.9	2.223	2.089	34.605	27.648	36.487	27.637	53.7	21.144	90.2	1490.4	26138.7	1.0
1940.0	1919.6	2.208	2.073	34.608	27.652	36.581	27.641	53.4	21.251	90.2	1490.7	26556.1	.7
1960.0	1939.3	2.193	2.056	34.609	27.654	36.674	27.643	53.2	21.357	90.2	1490.9	26975.5	-.4
1980.0	1959.0	2.171	2.034	34.611	27.658	36.769	27.647	52.8	21.463	90.2	1491.2	27397.0	2.2
2000.0	1978.6	2.151	2.013	34.614	27.662	36.864	27.651	52.5	21.569	90.2	1491.4	27820.5	.2
2050.0	2027.8	2.094	1.952	34.620	27.671	37.102	27.660	51.6	21.829	90.2	1492.0	28888.1	1.4
2096.0	2073.1	2.047	1.901	34.625	27.679	37.319	27.667	50.8	22.065	90.2	1492.6	29881.3	.0

Station 23 Latitude 32° 59.19'N Longitude 127° 48.78'W 28 Apr 1991 GMT 22:30 Bottom 4500 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.008	15.008	33.187	24.574	24.574	24.574	335.4	.000	89.1	1505.2	.0	.0
10.0	10.0	15.011	15.009	33.186	24.572	24.616	24.572	335.8	.336	89.0	1505.4	1.7	-1.1
20.0	19.9	14.940	14.937	33.183	24.586	24.674	24.585	334.8	.671	89.0	1505.3	6.7	18.6
30.0	29.9	14.325	14.320	33.149	24.691	24.824	24.690	325.1	1.002	88.6	1503.4	15.0	78.5
40.0	39.8	14.462	14.457	33.235	24.728	24.905	24.727	321.8	1.326	88.9	1504.1	26.6	49.2
50.0	49.8	14.395	14.387	33.246	24.752	24.973	24.750	319.8	1.646	89.0	1504.1	41.4	7.1
60.0	59.8	14.369	14.360	33.265	24.772	25.038	24.770	318.2	1.965	89.0	1504.2	59.4	4.2
70.0	69.7	14.352	14.342	33.267	24.778	25.087	24.775	318.0	2.283	89.0	1504.3	80.6	6.8
80.0	79.7	14.328	14.317	33.270	24.785	25.139	24.782	317.6	2.601	89.0	1504.4	104.9	6.8
90.0	89.6	14.298	14.285	33.277	24.797	25.195	24.794	316.7	2.918	88.8	1504.5	132.4	17.3
100.0	99.6	14.109	14.095	33.294	24.850	25.293	24.847	311.9	3.232	88.7	1504.0	163.0	19.1
110.0	109.6	13.493	13.478	33.283	24.968	25.456	24.965	300.9	3.540	89.2	1502.2	196.7	396.7
120.0	119.5	12.273	12.258	33.337	25.249	25.785	25.246	274.1	3.823	89.6	1498.3	233.4	222.3
130.0	129.5	10.802	10.786	33.163	25.383	25.968	25.381	261.2	4.091	89.8	1493.0	272.7	75.6
140.0	139.4	9.928	9.912	33.163	25.533	26.164	25.530	247.0	4.347	90.1	1490.0	314.7	146.8
150.0	149.4	9.586	9.570	33.295	25.692	26.370	25.690	232.0	4.588	90.2	1489.1	359.2	128.9
160.0	159.3	9.651	9.633	33.488	25.833	26.556	25.830	218.9	4.814	90.2	1489.8	405.9	78.3
170.0	169.3	9.678	9.659	33.647	25.953	26.720	25.950	207.7	5.029	90.1	1490.2	454.9	118.4
180.0	179.2	9.639	9.619	33.670	25.977	26.790	25.974	205.6	5.235	90.1	1490.3	505.9	10.4
190.0	189.1	9.565	9.544	33.730	26.036	26.894	26.033	200.2	5.438	90.2	1490.2	559.0	22.4
200.0	199.1	9.510	9.488	33.785	26.089	26.992	26.085	195.4	5.636	90.1	1490.3	614.0	66.6
210.0	209.0	9.407	9.384	33.850	26.156	27.105	26.153	189.2	5.829	90.2	1490.1	671.0	66.3
220.0	218.9	9.286	9.262	33.904	26.219	27.213	26.215	183.4	6.015	90.2	1489.9	729.9	79.8
230.0	228.9	9.186	9.161	33.942	26.264	27.304	26.260	179.3	6.196	90.2	1489.8	790.5	37.3
240.0	238.8	9.117	9.091	33.963	26.292	27.377	26.288	176.8	6.374	90.2	1489.7	853.0	40.8
250.0	248.8	9.015	8.988	33.991	26.330	27.461	26.326	173.4	6.548	90.2	1489.5	917.2	11.2
260.0	258.7	8.957	8.929	34.001	26.347	27.523	26.343	171.9	6.721	90.2	1489.5	983.1	45.5
270.0	268.6	8.812	8.783	34.026	26.390	27.612	26.385	168.0	6.891	90.2	1489.1	1050.7	41.9
280.0	278.6	8.725	8.695	34.047	26.420	27.688	26.416	165.3	7.058	90.2	1489.0	1120.0	10.9
290.0	288.5	8.578	8.547	34.060	26.453	27.767	26.448	162.3	7.222	90.2	1488.6	1190.9	28.4
300.0	298.4	8.521	8.490	34.069	26.469	27.828	26.464	160.9	7.383	90.2	1488.6	1263.5	5.3
310.0	308.4	8.444	8.411	34.075	26.486	27.890	26.481	159.5	7.543	90.2	1488.5	1337.6	26.1
320.0	318.3	8.245	8.213	34.066	26.508	27.960	26.503	157.3	7.702	90.3	1487.9	1413.3	14.3
330.0	328.2	8.155	8.122	34.070	26.526	28.023	26.521	155.9	7.858	90.2	1487.7	1490.5	28.1
340.0	338.1	7.954	7.920	34.081	26.565	28.109	26.560	152.2	8.013	90.3	1487.1	1569.3	32.5
350.0	348.1	7.806	7.771	34.090	26.593	28.183	26.588	149.6	8.163	90.3	1486.7	1649.6	26.0
360.0	358.0	7.713	7.677	34.096	26.611	28.248	26.606	147.9	8.312	90.3	1486.5	1731.4	9.6
370.0	367.9	7.660	7.624	34.097	26.620	28.302	26.615	147.3	8.460	90.3	1486.5	1814.7	6.4
380.0	377.9	7.566	7.529	34.101	26.637	28.365	26.632	145.8	8.606	90.3	1486.3	1899.4	8.1
390.0	387.8	7.523	7.485	34.104	26.646	28.420	26.640	145.1	8.752	90.3	1486.3	1985.5	19.2
400.0	397.7	7.416	7.377	34.112	26.667	28.487	26.661	143.2	8.896	90.4	1486.0	2073.1	9.0
410.0	407.6	7.293	7.253	34.116	26.687	28.554	26.682	141.2	9.038	90.4	1485.7	2162.1	3.7
420.0	417.5	7.225	7.185	34.122	26.702	28.615	26.696	140.0	9.179	90.4	1485.6	2252.5	19.5
430.0	427.5	7.117	7.077	34.126	26.720	28.679	26.714	138.3	9.318	90.3	1485.4	2344.3	18.0
440.0	437.4	7.033	6.991	34.129	26.734	28.740	26.728	137.1	9.455	90.4	1485.2	2437.4	26.2
450.0	447.3	6.851	6.809	34.127	26.757	28.810	26.752	134.8	9.591	90.4	1484.6	2531.9	20.9
460.0	457.2	6.655	6.613	34.105	26.766	28.867	26.760	134.0	9.726	90.4	1484.0	2627.7	12.9
470.0	467.2	6.403	6.361	34.084	26.783	28.931	26.777	132.3	9.858	90.4	1483.1	2724.9	19.6
480.0	477.1	6.354	6.311	34.100	26.802	28.997	26.797	130.5	9.990	90.4	1483.1	2823.3	12.3
490.0	487.0	6.268	6.225	34.103	26.815	29.057	26.810	129.3	10.120	90.4	1483.0	2923.0	17.3
500.0	496.9	6.272	6.228	34.123	26.831	29.118	26.825	128.0	10.249	90.4	1483.2	3024.1	13.2
510.0	506.8	6.204	6.159	34.120	26.838	29.171	26.832	127.5	10.376	90.3	1483.1	3126.3	19.9
520.0	516.8	6.140	6.095	34.129	26.853	29.232	26.847	126.1	10.503	90.4	1483.0	3229.9	14.1
530.0	526.7	6.082	6.036	34.144	26.872	29.297	26.866	124.4	10.628	90.4	1482.9	3334.7	18.7
540.0	536.6	6.068	6.020	34.154	26.882	29.353	26.876	123.5	10.752	90.4	1483.0	3440.7	8.2
550.0	546.5	5.739	5.692	34.121	26.896	29.417	26.890	121.9	10.875	90.4	1481.8	3547.9	-2.7
560.0	556.4	5.690	5.643	34.124	26.905	29.472	26.899	121.2	10.996	90.3	1481.8	3656.3	3.2
570.0	566.3	5.627	5.578	34.123	26.912	29.526	26.906	120.5	11.117	90.3	1481.7	3766.0	5.8
580.0	576.3	5.549	5.501	34.129	26.926	29.587	26.920	119.2	11.237	90.4	1481.6	3876.8	2.6
590.0	586.2	5.512	5.463	34.145	26.944	29.650	26.938	117.6	11.355	90.3	1481.6	3988.8	8.1
600.0	596.1	5.354	5.305	34.148	26.964	29.719	26.958	115.6	11.472	90.3	1481.1	4101.9	18.3
610.0	606.0	5.255	5.205	34.151	26.979	29.780	26.973	114.2	11.587	90.3	1480.9	4216.2	19.8
620.0	615.9	5.188	5.137	34.159	26.992	29.841	26.987	112.9	11.701	90.4	1480.8	4331.6	18.0
630.0	625.8	5.270	5.219	34.190	27.008	29.900	27.002	111.7	11.813	90.3	1481.3	4448.1	2.0
640.0	635.7	5.259	5.207	34.193	27.011	29.950	27.005	111.5	11.925	90.3	1481.5	4565.8	12.2
650.0	645.6	5.170	5.117	34.191	27.021	30.006	27.014	110.6	12.036	90.2	1481.3	4684.5	6.9
660.0	655.5	5.238	5.183	34.223	27.038	30.068	27.032	109.2	12.145	90.2	1481.7	4804.3	2.6
670.0	665.5	5.270	5.215	34.241	27.049	30.123	27.042	108.4	12.254	90.2	1482.1	4925.2	6.7
680.0	675.4	5.197	5.141	34.249	27.063	30.185	27.057	107.0	12.362	90.2	1481.9	5047.2	9.3
690.0	685.3	5.151	5.095	34.257	27.076	30.243	27.069	105.9	12.469	90.2	1481.9	5170.2	6.4
700.0	695.2	5.106	5.049	34.267	27.089	30.303	27.082	104.7	12.574	90.2	1481.9	5294.2	9.0
710.0	705.1	5.069	5.012	34.276	27.100	30.360	27.094	103.7	12.678	90.2	1481.9	5419.3	11.4
720.0	715.0	5.029	4.970	34.283	27.110	30.417	27.104	102.8	12.781	90.2	1481.9	5545.4	18.1
730.0	724.9	4.972	4.913	34.295	27.126	30.479	27.120	101.3	12.883	90.2	1481.9	5672.5	16.6
740.0	734.8	4.925	4.866	34.303	27.138	30.537	27.131	100.3	12.984	90.2	1481.9	5800.6	11.1
750.0	744.7	4.864	4.804	34.311	27.151	30.597	27.145	99.0	13.083	90.2	1481.8	5929.7	-.9
760.0	754.6	4.814	4.753	34.312	27.157	30.650	27.151	98.5	13.182	90.2	1481.8	6059.8	7.3
770.0	764.5	4.750	4.689	34.324	27.175	30.714	27.168	96.8	13.280	90.2	1481.7	6190.8	31.6
780.0	774.4	4.714	4.652	34.331	27.184	30.769	27.177	96.0	13.376	90.2	1481.7	6322.8	7.5
790.0	784.3	4.650	4.587	34.332	27.192	30.825	27.186	95.2	13.472	90.1	1481.6	6455.7	9.9
800.0	794.2	4.612	4.549	34.338	27.201	30.880	27.194	94.4	13.567	90.1	1481.6	6589.6	14.9
810.0	804.1	4.564	4.500	34.346	27.212	30.938	27.206	93.4	13.661	90.1	1481.6	6724.3	14.0
820.0	814.0	4.526	4.462	34.353	27.222	30.994	27.215	92.5	13.754	90.1	1481.6	6860.0	13.4
830.0	823.9	4.510	4.445	34.361	27.231	31.049	27.224	91.7	13.846	90.1	1481.7	6996.7	9.6
840.0	833.8	4.431	4.365	34.366	27.243	31.108	27.236	90.5	13.937	90.1	1481.6	7134.2	19.3
850.0	843.7	4.369	4.304	34.372	27.255	31.167	27.248	89.4	14.027	90.1	1481.5	7272.6	15.7
860.0	853.6	4.340	4.274	34.380	27.264	31.222	27.257	88.6	14.116	90.1	1481.5	7411.8	7.5
870.0	863.5	4.291	4.224	34.382	27.271	31.275	27.264	88.0	14.204	90.1	1481.5	7552.0	10.2
880.0	873.4	4.266	4.198	34.389	27.280	31.330	27.273	87.2	14.291	90.1	1481.6	7693.0	7.2
890.0	883.3	4.244	4.176	34.392	27.284	31.381	27.277	86.8	14.378	90.1	1481.6	7834.9	4.6
900.0	893.2	4.225	4.156	34.399	27.292	31.434	27.285	86.1	14.465	90.1	1481.7	7977.6	8.4
910.0	903.1	4.187	4.118	34.408	27.303	31.492	27.296	85.1	14.550	90.1	1481.7	8121.1	11.6
920.0	913.0	4.153	4.082	34.414	27.312	31.547	27.304	84.3	14.635	90.1	1481.8	8265.5	12.8
930.0	922.9	4.131	4.060	34.423	27.321	31.602	27.313	83.6	14.719	90.1	1481.9	8410.7	5.5
940.0	932.8	4.108	4.037	34.426	27.326	31.653	27.319	83.1	14.802	90.1	1481.9	8556.8	7.8
950.0	942.7	4.083	4.011	34.434	27.335	31.708	27.327	82.3	14.885	90.1	1482.0	8703.6	8.7
960.0	952.6	4.055	3.983	34.439	27.342	31.761	27.334	81.7	14.967	90.0	1482.1	8851.3	10.2
970.0	962.5	3.999	3.925	34.442	27.350	31.817	27.343	80.8	15.048	90.1	1482.0	8999.7	14.6
980.0	972.3	3.932	3.859	34.439	27.355	31.869	27.347	80.3	15.129	90.1	1481.9	9149.0	2.3
990.0	982.2	3.936	3.862	34.450	27.362	31.922	27.355	79.7	15.209	90.1	1482.1	9299.0	9.3

Station 23 Latitude 32° 59.19'N Longitude 127° 48.78'W 28 Apr 1991 GMT 22:30 Bottom 4500 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.898	3.823	34.453	27.369	31.975	27.362	79.1	15.288	90.0	1482.1	9449.8	5.2
1020.0	1011.9	3.797	3.721	34.452	27.379	32.079	27.371	78.1	15.446	90.1	1482.0	9753.8	9.3
1040.0	1031.7	3.734	3.657	34.459	27.390	32.183	27.383	77.1	15.601	90.1	1482.1	10060.8	7.0
1060.0	1051.5	3.663	3.585	34.460	27.399	32.284	27.391	76.3	15.754	90.1	1482.1	10370.8	4.6
1080.0	1071.2	3.629	3.550	34.465	27.406	32.383	27.398	75.7	15.906	90.1	1482.3	10683.8	7.0
1100.0	1091.0	3.603	3.523	34.476	27.418	32.487	27.410	74.7	16.057	90.1	1482.5	10999.8	9.3
1120.0	1110.8	3.560	3.478	34.485	27.429	32.590	27.421	73.7	16.205	90.1	1482.7	11318.7	3.5
1140.0	1130.5	3.501	3.418	34.489	27.438	32.692	27.430	72.9	16.351	90.1	1482.8	11640.5	2.9
1160.0	1150.3	3.463	3.378	34.495	27.447	32.793	27.439	72.1	16.496	90.2	1482.9	11965.1	2.6
1180.0	1170.1	3.408	3.322	34.502	27.457	32.896	27.449	71.1	16.639	90.1	1483.0	12292.5	7.6
1200.0	1189.8	3.362	3.275	34.505	27.465	32.996	27.456	70.5	16.781	90.1	1483.2	12622.7	3.8
1220.0	1209.6	3.315	3.227	34.509	27.472	33.096	27.464	69.8	16.921	90.2	1483.3	12955.7	5.6
1240.0	1229.3	3.275	3.186	34.513	27.479	33.196	27.471	69.1	17.060	90.2	1483.5	13291.4	2.1
1260.0	1249.1	3.239	3.149	34.518	27.486	33.295	27.478	68.5	17.198	90.2	1483.7	13629.8	5.3
1280.0	1268.8	3.218	3.126	34.521	27.491	33.391	27.483	68.1	17.335	90.2	1483.9	13970.8	.9
1300.0	1288.6	3.183	3.090	34.525	27.498	33.490	27.489	67.6	17.471	90.2	1484.1	14314.6	4.8
1320.0	1308.3	3.119	3.024	34.529	27.507	33.592	27.498	66.6	17.605	90.2	1484.2	14660.9	7.7
1340.0	1328.1	3.082	2.987	34.534	27.514	33.691	27.505	66.0	17.737	90.2	1484.3	15009.9	4.2
1360.0	1347.8	3.034	2.938	34.536	27.520	33.790	27.511	65.4	17.869	90.2	1484.5	15361.4	.7
1380.0	1367.6	3.026	2.927	34.542	27.527	33.887	27.518	65.0	17.999	90.2	1484.8	15715.5	.1
1400.0	1387.3	2.983	2.884	34.547	27.534	33.987	27.525	64.3	18.128	90.2	1484.9	16072.1	3.6
1420.0	1407.1	2.944	2.843	34.550	27.540	34.086	27.531	63.7	18.256	90.2	1485.1	16431.2	1.3
1440.0	1426.8	2.916	2.814	34.553	27.545	34.182	27.536	63.3	18.383	90.2	1485.3	16792.8	-.2
1460.0	1446.5	2.880	2.777	34.555	27.550	34.279	27.541	62.8	18.509	90.2	1485.5	17156.8	2.8
1480.0	1466.3	2.853	2.748	34.557	27.554	34.375	27.545	62.5	18.635	90.2	1485.7	17523.3	1.9
1500.0	1486.0	2.816	2.710	34.559	27.559	34.472	27.549	62.0	18.759	90.2	1485.9	17892.2	2.5
1520.0	1505.7	2.783	2.675	34.561	27.564	34.569	27.554	61.6	18.883	90.2	1486.1	18263.5	1.4
1540.0	1525.5	2.731	2.623	34.562	27.569	34.667	27.560	61.0	19.005	90.2	1486.2	18637.2	4.6
1560.0	1545.2	2.692	2.583	34.563	27.573	34.764	27.564	60.6	19.127	90.1	1486.4	19013.3	7.5
1580.0	1564.9	2.655	2.544	34.566	27.579	34.861	27.569	60.1	19.248	90.2	1486.5	19391.8	4.3
1600.0	1584.6	2.628	2.516	34.570	27.585	34.959	27.575	59.5	19.367	90.2	1486.8	19772.5	.2
1620.0	1604.3	2.594	2.481	34.572	27.589	35.055	27.580	59.1	19.486	90.2	1487.0	20155.6	2.9
1640.0	1624.1	2.565	2.451	34.574	27.594	35.151	27.584	58.7	19.604	90.2	1487.2	20541.0	4.6
1660.0	1643.8	2.530	2.414	34.577	27.599	35.249	27.589	58.2	19.721	90.2	1487.4	20928.7	3.5
1680.0	1663.5	2.502	2.385	34.577	27.602	35.343	27.592	57.9	19.837	90.2	1487.6	21318.6	.3
1700.0	1683.2	2.474	2.355	34.579	27.606	35.439	27.596	57.5	19.952	90.2	1487.8	21710.8	1.5
1720.0	1702.9	2.454	2.335	34.583	27.610	35.535	27.600	57.2	20.067	90.2	1488.0	22105.1	2.9
1740.0	1722.6	2.414	2.293	34.585	27.615	35.632	27.605	56.6	20.181	90.2	1488.2	22501.8	6.2
1760.0	1742.3	2.377	2.255	34.587	27.620	35.729	27.610	56.1	20.294	90.2	1488.4	22900.5	3.0
1780.0	1762.0	2.355	2.232	34.591	27.625	35.826	27.615	55.6	20.405	90.2	1488.6	23301.5	2.4
1800.0	1781.7	2.331	2.206	34.592	27.628	35.920	27.618	55.4	20.516	90.2	1488.8	23704.7	1.5
1820.0	1801.4	2.313	2.187	34.596	27.633	36.016	27.623	55.0	20.627	90.2	1489.1	24109.9	6.5
1840.0	1821.1	2.282	2.155	34.599	27.638	36.112	27.627	54.5	20.736	90.2	1489.3	24517.3	2.1
1860.0	1840.8	2.266	2.138	34.601	27.641	36.207	27.631	54.2	20.845	90.2	1489.6	24926.8	-.5
1880.0	1860.5	2.249	2.118	34.603	27.645	36.301	27.634	53.9	20.953	90.2	1489.8	25338.4	4.2
1900.0	1880.2	2.227	2.095	34.606	27.649	36.397	27.638	53.5	21.060	90.2	1490.1	25752.1	2.5
1920.0	1899.9	2.214	2.081	34.608	27.651	36.490	27.641	53.3	21.168	90.2	1490.4	26167.9	3.7
1940.0	1919.6	2.204	2.070	34.609	27.653	36.583	27.642	53.3	21.274	90.2	1490.7	26585.7	.4
1960.0	1939.3	2.187	2.050	34.611	27.656	36.676	27.645	53.0	21.380	90.2	1490.9	27005.6	-1.0
1980.0	1959.0	2.164	2.027	34.613	27.660	36.771	27.648	52.7	21.486	90.2	1491.2	27427.5	2.2
2000.0	1978.7	2.138	2.000	34.616	27.664	36.867	27.653	52.2	21.591	90.2	1491.4	27851.5	4.0
2050.0	2027.9	2.087	1.945	34.621	27.673	37.104	27.662	51.4	21.850	90.2	1492.0	28920.1	6.4
2094.0	2071.1	2.048	1.903	34.625	27.679	37.310	27.668	50.8	22.074	90.2	1492.6	29870.8	.0

Station 24 Latitude 32° 45.67'N Longitude 127° 55.96'W 28 Apr 1991 GMT 1:23 Bottom 4575 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.633	14.633	33.086	24.576	24.576	24.576	335.1	.000	88.3	1503.9	.0	.0
10.0	10.0	14.614	14.612	33.087	24.581	24.626	24.581	334.9	.335	88.3	1504.0	1.7	7.4
20.0	19.9	14.610	14.607	33.103	24.595	24.683	24.594	333.9	.670	88.3	1504.1	6.7	27.6
30.0	29.9	14.269	14.265	33.134	24.691	24.824	24.690	325.0	1.000	88.8	1503.2	15.0	29.3
40.0	39.8	14.134	14.129	33.142	24.725	24.903	24.724	322.0	1.324	88.9	1503.0	26.6	28.1
50.0	49.8	14.155	14.148	33.188	24.757	24.978	24.755	319.4	1.644	89.0	1503.3	41.4	9.4
60.0	59.8	14.139	14.131	33.198	24.768	25.034	24.766	318.5	1.963	89.0	1503.4	59.3	10.5
70.0	69.7	14.245	14.235	33.241	24.780	25.090	24.778	317.7	2.281	89.0	1503.9	80.5	11.5
80.0	79.7	14.350	14.339	33.286	24.793	25.147	24.790	316.8	2.598	89.1	1504.5	104.8	15.9
90.0	89.7	14.425	14.412	33.321	24.805	25.203	24.802	316.0	2.915	89.2	1504.9	132.2	21.2
100.0	99.6	14.320	14.306	33.329	24.833	25.275	24.830	313.6	3.230	89.0	1504.8	162.8	82.7
110.0	109.6	13.094	13.079	33.215	24.995	25.485	24.992	298.2	3.538	89.3	1500.7	196.5	289.8
120.0	119.5	11.703	11.688	33.189	25.241	25.778	25.238	274.7	3.823	89.7	1496.1	233.2	252.3
130.0	129.5	10.676	10.660	33.194	25.429	26.014	25.427	256.8	4.090	89.8	1492.6	272.5	195.9
140.0	139.4	9.657	9.642	33.188	25.597	26.229	25.594	240.8	4.338	90.0	1489.1	314.5	73.3
150.0	149.4	9.413	9.397	33.260	25.693	26.372	25.691	231.8	4.575	90.1	1488.4	358.8	66.8
160.0	159.3	9.367	9.350	33.354	25.774	26.498	25.771	224.3	4.803	90.1	1488.5	405.4	108.4
170.0	169.3	9.232	9.214	33.430	25.855	26.624	25.852	216.8	5.024	90.1	1488.3	454.3	92.6
180.0	179.2	9.289	9.269	33.554	25.943	26.757	25.940	208.7	5.236	90.1	1488.8	505.3	86.7
190.0	189.1	9.236	9.215	33.653	26.029	26.889	26.026	200.7	5.441	90.2	1488.9	558.4	52.2
200.0	199.1	9.154	9.132	33.715	26.091	26.996	26.088	195.0	5.639	90.2	1488.9	613.5	40.2
210.0	209.0	8.891	8.869	33.781	26.184	27.135	26.181	186.3	5.829	90.2	1488.1	670.5	87.9
220.0	218.9	8.770	8.747	33.823	26.237	27.233	26.233	181.5	6.013	90.2	1487.9	729.3	62.1
230.0	228.9	8.593	8.569	33.873	26.303	27.346	26.299	175.3	6.192	90.2	1487.5	790.0	62.6
240.0	238.8	8.502	8.477	33.914	26.350	27.438	26.346	171.0	6.365	90.2	1487.3	852.4	31.6
250.0	248.8	8.445	8.419	33.935	26.375	27.509	26.371	168.8	6.535	90.2	1487.3	916.4	41.0
260.0	258.7	8.341	8.314	33.974	26.421	27.601	26.417	164.5	6.702	90.2	1487.1	982.2	47.7
270.0	268.6	8.274	8.246	33.996	26.449	27.675	26.445	162.0	6.865	90.2	1487.1	1049.6	47.4
280.0	278.6	8.167	8.139	34.019	26.483	27.754	26.479	158.9	7.025	90.2	1486.8	1118.6	15.2
290.0	288.5	8.087	8.057	34.036	26.508	27.825	26.504	156.7	7.182	90.2	1486.7	1189.1	26.0
300.0	298.4	8.097	8.067	34.070	26.534	27.896	26.529	154.5	7.338	90.2	1487.0	1261.2	24.2
310.0	308.4	8.134	8.103	34.094	26.547	27.954	26.543	153.4	7.492	90.2	1487.3	1334.9	17.5
320.0	318.3	7.891	7.859	34.071	26.565	28.019	26.560	151.7	7.644	90.3	1486.5	1410.0	14.6
330.0	328.2	7.857	7.824	34.096	26.590	28.090	26.585	149.6	7.795	90.2	1486.6	1486.7	24.5
340.0	338.1	7.651	7.618	34.097	26.621	28.167	26.616	146.6	7.943	90.3	1485.9	1564.8	29.5
350.0	348.1	7.524	7.490	34.097	26.639	28.232	26.634	145.0	8.089	90.3	1485.6	1644.4	14.8
360.0	358.0	7.417	7.382	34.104	26.660	28.299	26.655	143.1	8.233	90.3	1485.4	1725.4	13.9
370.0	367.9	7.254	7.218	34.098	26.679	28.364	26.674	141.4	8.375	90.3	1484.9	1807.8	20.3
380.0	377.9	7.259	7.223	34.112	26.689	28.420	26.684	140.6	8.516	90.3	1485.1	1891.7	12.4
390.0	387.8	7.199	7.161	34.119	26.703	28.480	26.698	139.4	8.656	90.3	1485.0	1976.9	20.6
400.0	397.7	7.045	7.007	34.119	26.724	28.548	26.719	137.4	8.794	90.3	1484.6	2063.5	14.7
410.0	407.6	6.984	6.945	34.121	26.734	28.604	26.729	136.5	8.931	90.3	1484.5	2151.5	9.8
420.0	417.5	6.866	6.827	34.123	26.752	28.668	26.746	134.9	9.067	90.3	1484.2	2240.8	9.4
430.0	427.5	6.722	6.683	34.126	26.774	28.737	26.769	132.9	9.201	90.4	1483.8	2331.4	17.3
440.0	437.4	6.491	6.451	34.125	26.803	28.815	26.798	130.0	9.333	90.3	1483.1	2423.4	22.3
450.0	447.3	6.386	6.346	34.129	26.820	28.878	26.815	128.5	9.462	90.3	1482.8	2516.6	30.2
460.0	457.2	6.305	6.264	34.132	26.833	28.938	26.828	127.3	9.590	90.3	1482.7	2611.1	17.0
470.0	467.2	6.243	6.201	34.132	26.842	28.992	26.836	126.5	9.717	90.4	1482.6	2706.9	18.4
480.0	477.1	6.150	6.108	34.141	26.860	29.057	26.855	124.8	9.842	90.4	1482.4	2803.9	.8
490.0	487.0	6.095	6.052	34.145	26.871	29.114	26.865	123.9	9.967	90.4	1482.3	2902.1	8.2
500.0	496.9	6.013	5.970	34.149	26.885	29.174	26.879	122.7	10.090	90.4	1482.2	3001.6	10.5
510.0	506.8	5.883	5.839	34.148	26.899	29.236	26.894	121.2	10.212	90.3	1481.8	3102.3	12.2
520.0	516.8	5.846	5.801	34.155	26.910	29.293	26.904	120.4	10.333	90.4	1481.8	3204.2	19.3
530.0	526.7	5.731	5.686	34.159	26.927	29.358	26.922	118.7	10.453	90.3	1481.5	3307.2	18.1
540.0	536.6	5.703	5.657	34.186	26.952	29.428	26.946	116.5	10.570	90.4	1481.6	3411.5	13.1
550.0	546.5	5.628	5.582	34.191	26.965	29.487	26.959	115.3	10.686	90.3	1481.5	3516.9	24.8
560.0	556.4	5.509	5.462	34.189	26.978	29.548	26.972	114.0	10.801	90.4	1481.2	3623.4	15.4
570.0	566.3	5.489	5.441	34.201	26.990	29.605	26.984	113.0	10.914	90.4	1481.3	3731.0	20.4
580.0	576.2	5.430	5.382	34.207	27.002	29.664	26.996	111.9	11.027	90.4	1481.2	3839.8	2.8
590.0	586.2	5.349	5.300	34.208	27.012	29.721	27.007	110.9	11.138	90.4	1481.0	3949.6	1.9
600.0	596.1	5.145	5.096	34.188	27.020	29.778	27.014	110.0	11.249	90.4	1480.3	4060.6	11.3
610.0	606.0	4.919	4.871	34.168	27.030	29.837	27.025	108.9	11.358	90.3	1479.5	4172.6	4.2
620.0	615.9	4.799	4.750	34.166	27.043	29.897	27.037	107.6	11.466	90.4	1479.2	4285.8	10.6
630.0	625.8	4.759	4.709	34.172	27.052	29.953	27.046	106.8	11.574	90.4	1479.2	4399.9	16.5
640.0	635.7	4.721	4.671	34.183	27.065	30.012	27.059	105.6	11.680	90.3	1479.2	4515.1	7.4
650.0	645.6	4.685	4.634	34.188	27.073	30.066	27.067	104.9	11.785	90.3	1479.2	4631.4	15.3
660.0	655.5	4.663	4.612	34.202	27.086	30.126	27.081	103.7	11.889	90.3	1479.3	4748.7	15.9
670.0	665.4	4.656	4.604	34.219	27.101	30.186	27.095	102.5	11.993	90.3	1479.5	4867.0	12.1
680.0	675.3	4.611	4.558	34.230	27.115	30.246	27.109	101.2	12.094	90.3	1479.5	4986.4	9.8
690.0	685.3	4.567	4.514	34.240	27.127	30.305	27.122	100.0	12.195	90.2	1479.5	5106.7	12.4
700.0	695.2	4.554	4.499	34.245	27.133	30.357	27.127	99.6	12.295	90.2	1479.6	5228.0	5.7
710.0	705.1	4.537	4.482	34.249	27.138	30.408	27.132	99.2	12.394	90.2	1479.7	5350.3	27.3
720.0	715.0	4.467	4.412	34.267	27.160	30.477	27.154	97.2	12.492	90.2	1479.6	5473.5	17.7
730.0	724.9	4.444	4.388	34.274	27.168	30.530	27.162	96.5	12.589	90.2	1479.7	5597.7	8.0
740.0	734.8	4.400	4.344	34.279	27.176	30.586	27.170	95.7	12.685	90.2	1479.7	5722.9	2.1
750.0	744.7	4.357	4.300	34.285	27.186	30.642	27.180	94.8	12.781	90.2	1479.7	5849.0	13.3
760.0	754.6	4.334	4.277	34.289	27.191	30.693	27.185	94.4	12.875	90.2	1479.7	5976.1	2.4
770.0	764.5	4.290	4.231	34.294	27.201	30.749	27.194	93.5	12.969	90.2	1479.7	6104.0	15.9
780.0	774.4	4.249	4.190	34.303	27.212	30.807	27.206	92.5	13.062	90.2	1479.7	6232.9	13.9
790.0	784.3	4.281	4.220	34.323	27.224	30.864	27.218	91.5	13.154	90.2	1480.0	6362.7	13.3
800.0	794.2	4.234	4.174	34.328	27.234	30.920	27.227	90.6	13.245	90.2	1480.0	6493.4	10.4
810.0	804.1	4.200	4.139	34.336	27.243	30.976	27.237	89.7	13.335	90.2	1480.1	6625.0	-2.5
820.0	814.0	4.249	4.187	34.361	27.258	31.035	27.251	88.6	13.424	90.2	1480.5	6757.4	18.3
830.0	823.9	4.206	4.143	34.366	27.267	31.091	27.260	87.7	13.512	90.2	1480.5	6890.7	8.6
840.0	833.8	4.159	4.095	34.374	27.278	31.149	27.271	86.7	13.599	90.2	1480.4	7024.9	8.6
850.0	843.7	4.117	4.053	34.376	27.285	31.202	27.278	86.1	13.686	90.2	1480.4	7160.0	10.4
860.0	853.6	4.108	4.043	34.384	27.292	31.254	27.285	85.5	13.772	90.2	1480.6	7295.9	9.5
870.0	863.5	4.057	3.991	34.392	27.304	31.313	27.297	84.4	13.857	90.2	1480.5	7432.6	4.8
880.0	873.4	4.059	3.993	34.402	27.311	31.367	27.304	83.8	13.941	90.2	1480.7	7570.1	12.2
890.0	883.3	4.065	3.999	34.412	27.319	31.419	27.312	83.2	14.024	90.2	1480.9	7708.5	7.5
900.0	893.2	4.039	3.971	34.417	27.326	31.472	27.319	82.6	14.107	90.2	1481.0	7847.7	5.2
910.0	903.1	3.991	3.923	34.421	27.334	31.527	27.327	81.8	14.189	90.2	1480.9	7987.7	6.0
920.0	913.0	3.975	3.906	34.423	27.337	31.576	27.330	81.6	14.271	90.1	1481.0	8128.5	3.7
930.0	922.9	3.961	3.891	34.425	27.340	31.625	27.333	81.3	14.352	90.1	1481.1	8270.1	5.2
940.0	932.8	3.949	3.878	34.433	27.348	31.679	27.341	80.7	14.433	90.2	1481.3	8412.5	3.1
950.0	942.7	3.922	3.852	34.437	27.353	31.731	27.346	80.2	14.514	90.2	1481.3	8555.7	2.5
960.0	952.5	3.908	3.837	34.440	27.358	31.781	27.351	79.8	14.594	90.1	1481.4	8699.7	7.5
970.0	962.4	3.880	3.807	34.446	27.365	31.835	27.358	79.2	14.673	90.1	1481.5	8844.4	10.5
980.0	972.3	3.814	3.741	34.443	27.370	31.886	27.362	78.7	14.752	90.2	1481.4	8989.9	2.8
990.0	982.2	3.771	3.698	34.445	27.375	31.939	27.368	78.1	14.831	90.2	1481.4	9136.2	.8

Station 24 Latitude 32° 45.67'N Longitude 127° 55.96'W 28 Apr 1991 GMT 1:23 Bottom 4575 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.748	3.674	34.447	27.380	31.990	27.372	77.7	14.909	90.1	1481.4	9283.3	11.0
1020.0	1011.9	3.715	3.640	34.455	27.389	32.091	27.382	77.0	15.063	90.2	1481.6	9579.7	11.6
1040.0	1031.7	3.666	3.590	34.463	27.400	32.195	27.393	76.0	15.216	90.2	1481.8	9879.1	4.9
1060.0	1051.4	3.631	3.553	34.469	27.409	32.296	27.402	75.2	15.367	90.1	1482.0	10181.6	4.3
1080.0	1071.2	3.589	3.510	34.475	27.418	32.397	27.410	74.4	15.517	90.1	1482.1	10486.9	8.2
1100.0	1091.0	3.559	3.479	34.481	27.426	32.497	27.418	73.8	15.665	90.1	1482.3	10795.2	8.2
1120.0	1110.8	3.524	3.443	34.484	27.432	32.595	27.424	73.3	15.812	90.1	1482.5	11106.3	2.3
1140.0	1130.5	3.487	3.404	34.488	27.438	32.693	27.430	72.8	15.958	90.2	1482.7	11420.3	5.0
1160.0	1150.3	3.439	3.355	34.493	27.447	32.794	27.439	72.0	16.103	90.1	1482.8	11737.2	2.6
1180.0	1170.1	3.387	3.301	34.499	27.457	32.897	27.449	71.1	16.246	90.1	1482.9	12056.8	3.5
1200.0	1189.8	3.355	3.268	34.502	27.463	32.995	27.455	70.6	16.388	90.1	1483.1	12379.3	5.9
1220.0	1209.6	3.317	3.229	34.508	27.471	33.096	27.463	69.8	16.528	90.2	1483.3	12704.5	4.7
1240.0	1229.3	3.282	3.193	34.513	27.478	33.194	27.470	69.2	16.667	90.2	1483.5	13032.4	.9
1260.0	1249.1	3.254	3.163	34.517	27.484	33.292	27.476	68.8	16.805	90.1	1483.7	13363.0	5.6
1280.0	1268.8	3.197	3.105	34.519	27.492	33.392	27.483	68.1	16.942	90.1	1483.8	13696.3	4.7
1300.0	1288.6	3.164	3.071	34.524	27.498	33.491	27.490	67.5	17.077	90.1	1484.0	14032.3	1.8
1320.0	1308.3	3.128	3.034	34.526	27.504	33.589	27.495	67.0	17.212	90.1	1484.2	14370.9	5.9
1340.0	1328.1	3.080	2.984	34.531	27.513	33.690	27.504	66.2	17.345	90.1	1484.3	14712.1	2.4
1360.0	1347.8	3.027	2.931	34.536	27.521	33.791	27.513	65.3	17.476	90.1	1484.4	15055.8	9.2
1380.0	1367.6	2.977	2.879	34.541	27.530	33.892	27.521	64.5	17.606	90.1	1484.6	15402.1	.7
1400.0	1387.3	2.936	2.837	34.544	27.536	33.991	27.527	63.9	17.735	90.1	1484.7	15751.0	.7
1420.0	1407.1	2.890	2.790	34.548	27.544	34.091	27.535	63.2	17.861	90.2	1484.9	16102.3	1.3
1440.0	1426.8	2.854	2.753	34.551	27.549	34.188	27.540	62.7	17.987	90.1	1485.0	16456.1	6.3
1460.0	1446.5	2.832	2.730	34.554	27.553	34.284	27.544	62.3	18.112	90.1	1485.3	16812.3	2.5
1480.0	1466.3	2.794	2.690	34.557	27.560	34.383	27.550	61.8	18.236	90.1	1485.5	17171.0	5.7
1500.0	1486.0	2.761	2.656	34.560	27.564	34.480	27.555	61.3	18.359	90.1	1485.7	17532.0	1.0
1520.0	1505.7	2.726	2.619	34.562	27.569	34.577	27.560	60.8	18.482	90.1	1485.8	17895.4	6.9
1540.0	1525.4	2.698	2.590	34.564	27.573	34.673	27.564	60.5	18.603	90.1	1486.1	18261.2	4.6
1560.0	1545.2	2.669	2.560	34.568	27.579	34.770	27.570	60.0	18.723	90.2	1486.3	18629.4	1.1
1580.0	1564.9	2.645	2.534	34.572	27.585	34.868	27.575	59.5	18.843	90.1	1486.5	18999.9	4.3
1600.0	1584.6	2.583	2.471	34.575	27.592	34.968	27.583	58.6	18.961	90.2	1486.6	19372.7	2.6
1620.0	1604.3	2.566	2.453	34.576	27.595	35.062	27.585	58.5	19.078	90.1	1486.8	19747.7	1.4
1640.0	1624.1	2.523	2.409	34.578	27.600	35.159	27.590	57.9	19.195	90.1	1487.0	20125.1	4.9
1660.0	1643.8	2.500	2.385	34.579	27.603	35.254	27.593	57.7	19.310	90.1	1487.2	20504.6	1.4
1680.0	1663.5	2.469	2.353	34.582	27.608	35.351	27.598	57.2	19.425	90.1	1487.4	20886.5	4.7
1700.0	1683.2	2.433	2.316	34.589	27.617	35.452	27.607	56.3	19.538	90.2	1487.6	21270.5	5.3
1720.0	1702.9	2.409	2.290	34.591	27.621	35.548	27.611	56.0	19.651	90.1	1487.8	21656.7	.9
1740.0	1722.6	2.384	2.263	34.594	27.625	35.643	27.615	55.6	19.762	90.2	1488.1	22045.1	6.2
1760.0	1742.3	2.346	2.224	34.597	27.631	35.741	27.621	55.0	19.873	90.1	1488.2	22435.6	2.1
1780.0	1762.0	2.325	2.202	34.599	27.634	35.836	27.624	54.7	19.983	90.2	1488.5	22828.3	2.1
1800.0	1781.7	2.310	2.186	34.600	27.636	35.929	27.626	54.5	20.092	90.1	1488.8	23223.1	3.3
1820.0	1801.4	2.281	2.156	34.602	27.641	36.025	27.630	54.1	20.200	90.2	1489.0	23620.0	.6
1840.0	1821.1	2.262	2.135	34.604	27.644	36.119	27.633	53.9	20.308	90.2	1489.2	24019.0	2.7
1860.0	1840.8	2.238	2.109	34.606	27.648	36.215	27.637	53.5	20.416	90.2	1489.5	24420.0	2.1
1880.0	1860.5	2.211	2.081	34.609	27.652	36.311	27.641	53.1	20.522	90.2	1489.7	24823.2	1.9
1900.0	1880.2	2.193	2.062	34.610	27.654	36.404	27.644	52.8	20.628	90.2	1489.9	25228.4	1.6
1920.0	1899.9	2.170	2.037	34.612	27.658	36.500	27.648	52.5	20.734	90.1	1490.2	25635.6	-.5
1940.0	1919.6	2.151	2.017	34.614	27.661	36.593	27.650	52.2	20.838	90.2	1490.4	26044.9	3.4
1960.0	1939.3	2.134	1.998	34.615	27.664	36.687	27.653	52.0	20.943	90.2	1490.7	26456.1	3.1
1980.0	1959.0	2.123	1.986	34.618	27.667	36.780	27.656	51.8	21.046	90.2	1491.0	26869.4	2.5
2000.0	1978.7	2.103	1.965	34.618	27.669	36.874	27.658	51.6	21.150	90.1	1491.2	27284.7	1.9
2050.0	2027.8	2.059	1.918	34.623	27.676	37.109	27.665	50.9	21.406	90.2	1491.9	28331.6	4.6
2096.0	2073.1	2.015	1.870	34.627	27.683	37.325	27.672	50.3	21.638	90.1	1492.5	29305.6	.0

Station 25 Latitude 32° 31.81'N Longitude 128° 02.14'W 28 Apr 1991 GMT 4:34 Bottom 5180 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.275	15.275	33.227	24.546	24.546	24.546	338.0	.000	.0	1506.1	.0	.0
10.0	10.0	15.276	15.274	33.238	24.555	24.599	24.555	337.4	.338	.0	1506.3	1.7	3.7
20.0	19.9	15.025	15.022	33.252	24.620	24.708	24.619	331.6	.674	.0	1505.7	6.7	121.9
30.0	29.9	14.548	14.544	33.230	24.706	24.839	24.705	323.7	1.001	.0	1504.3	15.1	5.0
40.0	39.8	14.537	14.531	33.230	24.709	24.886	24.707	323.7	1.324	.0	1504.4	26.7	7.4
50.0	49.8	14.578	14.571	33.258	24.722	24.944	24.721	322.7	1.647	.0	1504.7	41.5	7.7
60.0	59.8	14.636	14.627	33.280	24.727	24.992	24.725	322.5	1.970	.0	1505.1	59.5	6.5
70.0	69.7	14.814	14.804	33.345	24.740	25.049	24.737	321.6	2.292	.0	1505.9	80.7	17.4
80.0	79.7	14.987	14.975	33.409	24.751	25.104	24.749	320.8	2.614	.0	1506.7	105.1	19.8
90.0	89.7	15.308	15.295	33.528	24.774	25.171	24.771	319.0	2.934	.0	1508.0	132.8	29.0
100.0	99.6	14.950	14.935	33.509	24.838	25.279	24.834	313.2	3.250	.0	1507.0	163.5	45.9
110.0	109.6	14.497	14.481	33.489	24.920	25.406	24.916	305.7	3.561	.0	1505.7	197.5	95.9
120.0	119.5	13.496	13.479	33.407	25.063	25.596	25.060	292.1	3.860	.0	1502.5	234.4	161.6
130.0	129.5	12.319	12.302	33.222	25.151	25.732	25.148	283.7	4.147	.0	1498.4	274.3	21.4
140.0	139.4	10.670	10.654	33.065	25.330	25.960	25.327	266.4	4.422	.0	1492.6	316.9	71.4
150.0	149.4	9.904	9.887	33.178	25.549	26.225	25.545	245.7	4.680	.0	1490.1	362.2	133.4
160.0	159.3	9.675	9.658	33.289	25.673	26.396	25.670	234.0	4.921	.0	1489.6	410.0	197.2
170.0	169.3	9.542	9.524	33.432	25.807	26.575	25.804	221.5	5.149	.0	1489.5	460.1	155.0
180.0	179.2	9.410	9.391	33.559	25.928	26.742	25.925	210.2	5.364	.0	1489.3	512.3	59.5
190.0	189.1	9.346	9.325	33.629	25.993	26.852	25.990	204.2	5.572	.0	1489.3	566.7	73.0
200.0	199.1	9.296	9.274	33.680	26.041	26.945	26.038	199.8	5.774	.0	1489.4	623.1	83.2
210.0	209.0	9.194	9.172	33.785	26.140	27.089	26.136	190.6	5.969	.0	1489.3	681.5	73.6
220.0	219.0	9.134	9.111	33.827	26.182	27.177	26.178	186.8	6.157	.0	1489.3	741.7	34.3
230.0	228.9	8.974	8.950	33.896	26.262	27.302	26.258	179.4	6.339	.0	1488.9	803.8	27.0
240.0	238.8	8.677	8.652	33.929	26.335	27.422	26.331	172.5	6.516	.0	1488.0	867.7	93.1
250.0	248.8	8.633	8.607	33.948	26.356	27.489	26.352	170.7	6.688	.0	1488.0	933.3	33.7
260.0	258.7	8.441	8.414	33.963	26.397	27.576	26.393	166.8	6.856	.0	1487.5	1000.6	10.2
270.0	268.6	8.276	8.248	33.991	26.444	27.670	26.440	162.5	7.021	.0	1487.1	1069.5	53.8
280.0	278.6	8.074	8.046	33.996	26.479	27.751	26.475	159.3	7.182	.0	1486.5	1140.0	24.5
290.0	288.5	8.019	7.990	34.019	26.505	27.823	26.501	157.0	7.340	.0	1486.4	1212.2	11.9
300.0	298.5	7.762	7.733	34.008	26.534	27.899	26.530	154.2	7.496	.0	1485.6	1285.8	5.7
310.0	308.4	7.662	7.632	34.012	26.552	27.962	26.548	152.7	7.649	.0	1485.4	1361.0	56.7
320.0	318.3	7.589	7.558	34.031	26.578	28.034	26.573	150.3	7.801	.0	1485.3	1437.8	28.8
330.0	328.2	7.389	7.357	34.025	26.601	28.104	26.597	148.1	7.950	.0	1484.7	1515.9	14.4
340.0	338.2	7.287	7.254	34.019	26.611	28.160	26.606	147.3	8.098	.0	1484.4	1595.6	10.9
350.0	348.1	7.235	7.202	34.034	26.630	28.226	26.625	145.6	8.244	.0	1484.4	1676.7	5.1
360.0	358.0	7.163	7.129	34.037	26.642	28.284	26.638	144.6	8.389	.0	1484.3	1759.3	16.5
370.0	368.0	7.000	6.966	34.035	26.664	28.352	26.659	142.5	8.533	.0	1483.8	1843.3	30.5
380.0	377.9	6.914	6.879	34.036	26.676	28.411	26.671	141.5	8.675	.0	1483.6	1928.7	40.7
390.0	387.8	6.666	6.631	34.018	26.695	28.477	26.690	139.6	8.815	.0	1482.8	2015.5	24.3
400.0	397.7	6.550	6.514	34.014	26.708	28.537	26.703	138.5	8.954	.0	1482.5	2103.7	35.4
410.0	407.6	6.403	6.366	34.016	26.729	28.604	26.724	136.5	9.091	.0	1482.1	2193.2	35.7
420.0	417.6	6.321	6.284	34.026	26.747	28.669	26.742	134.8	9.227	.0	1481.9	2284.1	3.7
430.0	427.5	6.241	6.203	34.031	26.761	28.730	26.756	133.6	9.361	.0	1481.8	2376.4	6.4
440.0	437.4	6.171	6.132	34.034	26.773	28.788	26.768	132.5	9.494	.0	1481.7	2469.9	12.5
450.0	447.3	6.102	6.063	34.038	26.785	28.846	26.780	131.5	9.626	.0	1481.6	2564.8	21.6
460.0	457.3	6.023	5.983	34.051	26.805	28.913	26.800	129.6	9.756	.0	1481.4	2660.9	12.5
470.0	467.2	5.964	5.923	34.055	26.816	28.970	26.811	128.6	9.885	.0	1481.3	2758.3	1.4
480.0	477.1	5.873	5.832	34.065	26.835	29.036	26.830	126.9	10.014	.0	1481.2	2857.1	14.8
490.0	487.0	5.818	5.777	34.079	26.853	29.100	26.848	125.2	10.140	.0	1481.1	2957.0	37.7
500.0	496.9	5.730	5.688	34.082	26.866	29.160	26.861	124.0	10.265	.0	1480.9	3058.2	25.7
510.0	506.9	5.607	5.564	34.086	26.884	29.225	26.879	122.3	10.388	.0	1480.6	3160.6	21.5
520.0	516.8	5.482	5.439	34.081	26.895	29.283	26.890	121.3	10.509	.0	1480.2	3264.3	8.6
530.0	526.7	5.348	5.305	34.083	26.913	29.349	26.908	119.5	10.630	.0	1479.9	3369.1	18.9
540.0	536.6	5.320	5.276	34.092	26.924	29.405	26.919	118.6	10.749	.0	1479.9	3475.1	9.5
550.0	546.5	5.275	5.231	34.112	26.945	29.472	26.940	116.7	10.866	.0	1479.9	3582.2	12.4
560.0	556.4	5.255	5.209	34.122	26.955	29.529	26.950	115.8	10.983	.0	1480.0	3690.6	9.5
570.0	566.4	5.228	5.181	34.135	26.968	29.588	26.963	114.6	11.098	.0	1480.1	3800.0	12.7
580.0	576.3	5.165	5.118	34.136	26.977	29.643	26.971	113.9	11.212	.0	1480.0	3910.6	9.2
590.0	586.2	5.201	5.154	34.153	26.987	29.698	26.981	113.1	11.326	.0	1480.3	4022.3	11.6
600.0	596.1	5.161	5.112	34.167	27.002	29.759	26.996	111.8	11.438	.0	1480.4	4135.2	1.9
610.0	606.0	5.148	5.099	34.180	27.014	29.817	27.008	110.8	11.550	.0	1480.5	4249.1	15.7
620.0	615.9	5.094	5.044	34.185	27.024	29.874	27.019	109.8	11.660	.0	1480.4	4364.1	17.7
630.0	625.8	4.981	4.931	34.185	27.038	29.935	27.032	108.5	11.769	.0	1480.1	4480.2	12.1
640.0	635.8	4.957	4.905	34.196	27.049	29.992	27.043	107.5	11.877	.0	1480.2	4597.4	23.9
650.0	645.7	4.877	4.825	34.209	27.069	30.059	27.063	105.7	11.984	.0	1480.1	4715.6	13.3
660.0	655.6	4.823	4.771	34.224	27.086	30.122	27.080	104.1	12.089	.0	1480.0	4834.9	20.0
670.0	665.5	4.767	4.714	34.232	27.099	30.182	27.093	102.8	12.192	.0	1480.0	4955.2	9.8
680.0	675.4	4.731	4.678	34.245	27.113	30.242	27.107	101.6	12.294	.0	1480.0	5076.5	6.0
690.0	685.3	4.709	4.655	34.264	27.131	30.306	27.125	100.0	12.395	.0	1480.1	5198.8	24.4
700.0	695.2	4.681	4.626	34.276	27.143	30.365	27.137	98.9	12.495	.0	1480.2	5322.1	10.1
710.0	705.1	4.612	4.556	34.273	27.149	30.417	27.143	98.3	12.593	.0	1480.0	5446.4	6.0
720.0	715.0	4.540	4.485	34.277	27.160	30.475	27.153	97.3	12.691	.0	1479.9	5571.6	8.0
730.0	724.9	4.519	4.463	34.283	27.167	30.528	27.161	96.7	12.788	.0	1480.0	5697.8	6.3
740.0	734.8	4.505	4.448	34.296	27.179	30.586	27.173	95.6	12.884	.0	1480.1	5824.9	3.3
750.0	744.7	4.446	4.388	34.300	27.189	30.643	27.182	94.8	12.979	.0	1480.0	5953.0	5.4
760.0	754.6	4.424	4.366	34.304	27.194	30.694	27.188	94.3	13.074	.0	1480.1	6082.0	13.6
770.0	764.5	4.407	4.348	34.311	27.202	30.748	27.196	93.6	13.168	.0	1480.2	6212.0	6.9
780.0	774.4	4.393	4.333	34.321	27.211	30.803	27.205	92.8	13.261	.0	1480.4	6342.8	6.6
790.0	784.3	4.396	4.335	34.335	27.222	30.859	27.215	91.9	13.354	.0	1480.5	6474.6	7.8
800.0	794.2	4.319	4.258	34.337	27.232	30.917	27.226	90.9	13.445	.0	1480.4	6607.3	9.5
810.0	804.1	4.299	4.238	34.346	27.241	30.972	27.235	90.1	13.536	.0	1480.5	6740.8	1.3
820.0	814.0	4.282	4.220	34.352	27.247	31.024	27.241	89.6	13.626	.0	1480.6	6875.3	5.1
830.0	823.9	4.281	4.218	34.365	27.258	31.081	27.252	88.7	13.715	.0	1480.8	7010.6	13.9
840.0	833.8	4.229	4.165	34.369	27.267	31.136	27.261	87.9	13.803	.0	1480.7	7146.8	13.3
850.0	843.7	4.203	4.139	34.377	27.276	31.191	27.269	87.1	13.891	.0	1480.8	7283.9	9.2
860.0	853.6	4.189	4.123	34.380	27.280	31.241	27.273	86.8	13.978	.0	1480.9	7421.8	3.1
870.0	863.5	4.169	4.103	34.385	27.286	31.293	27.279	86.3	14.064	.0	1481.0	7560.6	1.9
880.0	873.4	4.137	4.070	34.393	27.296	31.349	27.289	85.4	14.150	.0	1481.0	7700.2	8.1
890.0	883.3	4.106	4.039	34.398	27.303	31.403	27.296	84.7	14.235	.0	1481.1	7840.7	14.5
900.0	893.2	4.068	4.000	34.406	27.314	31.460	27.307	83.7	14.319	.0	1481.1	7982.0	8.4
910.0	903.1	4.030	3.961	34.412	27.323	31.515	27.316	82.9	14.403	.0	1481.1	8124.1	11.3
920.0	913.0	4.015	3.945	34.417	27.328	31.566	27.321	82.5	14.485	.0	1481.2	8267.0	4.3
930.0	922.9	3.970	3.900	34.421	27.336	31.621	27.329	81.7	14.567	.0	1481.2	8410.7	7.5
940.0	932.8	3.922	3.852	34.425	27.344	31.676	27.337	81.0	14.649	.0	1481.1	8555.2	9.0
950.0	942.7	3.890	3.820	34.428	27.350	31.728	27.343	80.4	14.729	.0	1481.2	8700.6	9.6
960.0	952.6	3.858	3.787	34.433	27.357	31.782	27.350	79.8	14.809	.0	1481.2	8846.7	3.7
970.0	962.5	3.836	3.764	34.437	27.362	31.833	27.355	79.3	14.889	.0	1481.3	8993.6	10.2
980.0	972.4	3.797	3.725	34.441	27.369	31.887	27.362	78.7	14.968	.0	1481.3	9141.2	4.0
990.0	982.3	3.770	3.697	34.443	27.374	31.938	27.367	78.3	15.047	.0	1481.4	9289.7	5.5

Station 25 Latitude 32° 31.81'N Longitude 128° 02.14'W 28 Apr 1991 GMT 4:34 Bottom 5180 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.766	3.692	34.451	27.381	31.990	27.373	77.7	15.125	.0	1481.5	9438.9	11.6
1020.0	1011.9	3.688	3.613	34.456	27.392	32.095	27.385	76.6	15.279	.0	1481.5	9739.6	15.4
1040.0	1031.7	3.656	3.579	34.461	27.400	32.194	27.392	76.0	15.432	.0	1481.7	10043.3	10.2
1060.0	1051.5	3.603	3.526	34.468	27.410	32.298	27.403	75.0	15.583	.0	1481.8	10349.9	2.6
1080.0	1071.3	3.543	3.464	34.478	27.425	32.405	27.417	73.7	15.731	.0	1481.9	10659.5	6.4
1100.0	1091.0	3.507	3.427	34.487	27.435	32.507	27.427	72.8	15.878	.0	1482.1	10972.0	1.4
1120.0	1110.8	3.470	3.388	34.491	27.442	32.607	27.435	72.2	16.023	.0	1482.3	11287.4	2.3
1140.0	1130.6	3.418	3.336	34.497	27.452	32.709	27.444	71.3	16.167	.0	1482.4	11605.5	4.1
1160.0	1150.3	3.372	3.289	34.502	27.461	32.810	27.453	70.5	16.309	.0	1482.6	11926.5	7.0
1180.0	1170.1	3.320	3.235	34.507	27.470	32.912	27.462	69.7	16.449	.0	1482.7	12250.2	7.3
1200.0	1189.8	3.277	3.191	34.512	27.478	33.012	27.470	69.0	16.588	.0	1482.8	12576.6	4.4
1220.0	1209.6	3.236	3.149	34.517	27.486	33.112	27.477	68.3	16.725	.0	1483.0	12905.7	1.5
1240.0	1229.4	3.195	3.107	34.521	27.493	33.212	27.485	67.6	16.861	.0	1483.2	13237.5	7.0
1260.0	1249.1	3.164	3.074	34.524	27.499	33.309	27.490	67.2	16.996	.0	1483.4	13572.0	.9
1280.0	1268.9	3.118	3.027	34.529	27.507	33.410	27.498	66.4	17.130	.0	1483.5	13909.0	4.1
1300.0	1288.6	3.094	3.001	34.531	27.510	33.505	27.502	66.1	17.262	.0	1483.7	14248.7	3.3
1320.0	1308.4	3.066	2.972	34.533	27.515	33.602	27.506	65.8	17.394	.0	1483.9	14590.9	2.4
1340.0	1328.1	3.039	2.944	34.535	27.519	33.698	27.510	65.4	17.525	.0	1484.2	14935.7	3.0
1360.0	1347.9	2.990	2.893	34.540	27.528	33.799	27.519	64.6	17.656	.0	1484.3	15283.0	5.1
1380.0	1367.6	2.958	2.860	34.543	27.533	33.896	27.524	64.1	17.784	.0	1484.5	15632.9	5.7
1400.0	1387.4	2.932	2.833	34.546	27.538	33.993	27.529	63.7	17.912	.0	1484.7	15985.2	1.3
1420.0	1407.1	2.905	2.805	34.549	27.543	34.090	27.534	63.3	18.039	.0	1484.9	16340.1	3.9
1440.0	1426.8	2.872	2.771	34.552	27.548	34.187	27.539	62.8	18.166	.0	1485.1	16697.4	5.4
1460.0	1446.6	2.845	2.743	34.554	27.552	34.283	27.543	62.5	18.291	.0	1485.4	17057.1	3.1
1480.0	1466.3	2.801	2.697	34.559	27.560	34.383	27.551	61.7	18.415	.0	1485.5	17419.3	2.2
1500.0	1486.0	2.761	2.656	34.562	27.566	34.482	27.557	61.1	18.538	.0	1485.7	17783.9	7.5
1520.0	1505.8	2.722	2.616	34.566	27.573	34.580	27.563	60.5	18.660	.0	1485.8	18150.8	.8
1540.0	1525.5	2.687	2.579	34.569	27.578	34.678	27.569	60.0	18.780	.0	1486.0	18520.1	3.7
1560.0	1545.2	2.667	2.558	34.570	27.581	34.772	27.572	59.8	18.900	.0	1486.3	18891.8	-.7
1580.0	1564.9	2.653	2.543	34.571	27.583	34.865	27.574	59.7	19.020	.0	1486.5	19265.8	.8
1600.0	1584.7	2.618	2.507	34.574	27.589	34.963	27.579	59.1	19.139	.0	1486.7	19642.1	2.0
1620.0	1604.4	2.593	2.480	34.576	27.592	35.058	27.583	58.8	19.257	.0	1487.0	20020.7	4.3
1640.0	1624.1	2.563	2.448	34.579	27.597	35.155	27.588	58.3	19.374	.0	1487.2	20401.5	-.6
1660.0	1643.8	2.517	2.402	34.582	27.604	35.255	27.594	57.6	19.490	.0	1487.3	20784.6	6.1
1680.0	1663.5	2.490	2.374	34.584	27.608	35.350	27.598	57.3	19.604	.0	1487.5	21170.0	4.4
1700.0	1683.3	2.454	2.336	34.588	27.614	35.448	27.604	56.7	19.718	.0	1487.7	21557.6	.3
1720.0	1703.0	2.432	2.313	34.589	27.617	35.542	27.607	56.5	19.831	.0	1487.9	21947.4	3.5
1740.0	1722.7	2.402	2.281	34.591	27.621	35.639	27.611	56.0	19.944	.0	1488.1	22339.3	2.6
1760.0	1742.4	2.381	2.259	34.594	27.625	35.734	27.615	55.7	20.055	.0	1488.4	22733.4	.6
1780.0	1762.1	2.349	2.226	34.596	27.630	35.831	27.620	55.2	20.166	.0	1488.6	23129.7	3.3
1800.0	1781.8	2.322	2.197	34.598	27.634	35.926	27.624	54.8	20.276	.0	1488.8	23528.1	1.5
1820.0	1801.5	2.294	2.168	34.601	27.639	36.022	27.628	54.4	20.385	.0	1489.0	23928.7	-.2
1840.0	1821.2	2.272	2.145	34.603	27.642	36.117	27.632	54.1	20.494	.0	1489.3	24331.3	1.5
1860.0	1840.9	2.249	2.120	34.605	27.646	36.212	27.635	53.7	20.602	.0	1489.5	24736.0	6.5
1880.0	1860.6	2.228	2.098	34.606	27.649	36.306	27.638	53.5	20.709	.0	1489.8	25142.8	2.2
1900.0	1880.3	2.206	2.075	34.609	27.652	36.402	27.642	53.1	20.815	.0	1490.0	25551.7	5.4
1920.0	1900.0	2.186	2.053	34.611	27.656	36.496	27.645	52.8	20.921	.0	1490.2	25962.7	.1
1940.0	1919.7	2.172	2.037	34.612	27.658	36.589	27.647	52.6	21.027	.0	1490.5	26375.6	.4
1960.0	1939.3	2.150	2.015	34.614	27.662	36.684	27.651	52.3	21.132	.0	1490.8	26790.6	2.8
1980.0	1959.0	2.137	2.000	34.615	27.663	36.777	27.653	52.2	21.236	.0	1491.0	27207.7	.5
2000.0	1978.7	2.112	1.974	34.619	27.669	36.873	27.657	51.7	21.340	.0	1491.3	27626.7	3.7
2050.0	2027.9	2.073	1.931	34.622	27.674	37.106	27.663	51.2	21.597	.0	1491.9	28683.0	-.4
2096.0	2073.2	2.034	1.889	34.625	27.680	37.321	27.669	50.7	21.832	.0	1492.6	29665.8	.0

Station 26 Latitude 32° 18.42'N Longitude 128° 09.40'W 29 Apr 1991 GMT 7:28 Bottom 4375 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.794	15.794	33.457	24.608	24.608	24.608	332.1	.000	.0	1508.0	.0	.0
10.0	10.0	15.807	15.805	33.456	24.604	24.648	24.604	332.7	.332	.0	1508.2	1.7	-1.8
20.0	19.9	15.807	15.804	33.456	24.606	24.694	24.605	333.0	.665	.0	1508.4	6.6	5.6
30.0	29.9	15.807	15.803	33.459	24.608	24.740	24.607	333.1	.998	.0	1508.5	14.9	9.1
40.0	39.8	15.753	15.747	33.494	24.647	24.823	24.646	329.6	1.330	.0	1508.6	26.5	67.6
50.0	49.8	15.682	15.675	33.571	24.723	24.943	24.721	322.7	1.656	.0	1508.6	41.4	36.6
60.0	59.8	15.672	15.663	33.604	24.750	25.014	24.748	320.4	1.977	.0	1508.8	59.5	19.6
70.0	69.7	15.513	15.502	33.593	24.778	25.086	24.776	318.1	2.297	.0	1508.4	80.8	20.5
80.0	79.7	15.685	15.673	33.697	24.820	25.172	24.817	314.4	2.613	.0	1509.3	105.2	17.3
90.0	89.7	15.455	15.441	33.670	24.850	25.247	24.847	311.8	2.926	.0	1508.7	132.8	28.4
100.0	99.6	15.113	15.099	33.678	24.932	25.373	24.929	304.3	3.234	.0	1507.8	163.5	66.7
110.0	109.6	14.840	14.824	33.729	25.031	25.516	25.028	295.2	3.535	.0	1507.1	197.2	92.5
120.0	119.5	13.024	13.007	33.445	25.187	25.721	25.184	280.2	3.824	.0	1501.0	233.8	111.1
130.0	129.5	12.643	12.626	33.462	25.275	25.855	25.272	272.0	4.101	.0	1499.9	273.3	302.3
140.0	139.4	11.436	11.418	33.381	25.440	26.067	25.437	256.3	4.364	.0	1495.7	315.4	157.4
150.0	149.4	10.741	10.723	33.385	25.567	26.242	25.564	244.2	4.613	.0	1493.4	360.1	60.6
160.0	159.3	10.298	10.279	33.389	25.647	26.368	25.644	236.7	4.854	.0	1492.0	407.1	73.4
170.0	169.3	9.844	9.825	33.425	25.752	26.519	25.749	226.8	5.086	.0	1490.6	456.6	100.3
180.0	179.2	9.610	9.590	33.467	25.823	26.636	25.820	220.1	5.309	.0	1489.9	508.3	151.2
190.0	189.1	9.406	9.385	33.584	25.948	26.807	25.945	208.5	5.523	.0	1489.5	562.1	112.2
200.0	199.1	9.352	9.330	33.706	26.052	26.956	26.049	198.8	5.726	.0	1489.6	618.1	80.0
210.0	209.0	9.140	9.118	33.725	26.102	27.051	26.098	194.2	5.922	.0	1489.0	675.9	8.0
220.0	219.0	9.194	9.170	33.783	26.138	27.133	26.135	191.0	6.115	.0	1489.4	735.8	59.5
230.0	228.9	8.982	8.957	33.863	26.235	27.276	26.231	181.9	6.301	.0	1488.9	797.5	39.3
240.0	238.9	8.722	8.697	33.918	26.319	27.406	26.315	174.1	6.480	.0	1488.2	861.0	82.6
250.0	248.8	8.671	8.645	33.947	26.350	27.482	26.346	171.3	6.652	.0	1488.2	926.2	17.0
260.0	258.7	8.429	8.402	33.977	26.410	27.589	26.406	165.6	6.821	.0	1487.5	993.2	34.2
270.0	268.6	8.378	8.350	33.975	26.417	27.642	26.413	165.1	6.986	.0	1487.4	1061.7	16.4
280.0	278.6	8.200	8.172	33.992	26.457	27.728	26.452	161.5	7.149	.0	1486.9	1132.0	11.4
290.0	288.5	8.115	8.086	33.994	26.471	27.788	26.467	160.2	7.310	.0	1486.8	1203.8	17.8
300.0	298.5	7.924	7.894	34.000	26.504	27.868	26.500	157.2	7.469	.0	1486.2	1277.2	23.0
310.0	308.4	7.755	7.724	34.001	26.530	27.940	26.525	154.8	7.625	.0	1485.7	1352.1	60.2
320.0	318.3	7.704	7.673	34.029	26.560	28.015	26.555	152.1	7.778	.0	1485.7	1428.6	40.9
330.0	328.2	7.489	7.457	34.024	26.587	28.089	26.582	149.6	7.929	.0	1485.1	1506.6	17.4
340.0	338.2	7.312	7.280	34.008	26.598	28.148	26.594	148.5	8.078	.0	1484.5	1586.0	3.3
350.0	348.1	7.152	7.119	34.007	26.620	28.216	26.616	146.5	8.226	.0	1484.0	1667.0	35.8
360.0	358.0	6.985	6.951	34.008	26.645	28.288	26.640	144.2	8.371	.0	1483.6	1749.4	73.0
370.0	368.0	6.603	6.570	34.015	26.701	28.393	26.697	138.7	8.511	.0	1482.2	1833.2	35.4
380.0	377.9	6.488	6.454	34.015	26.716	28.455	26.712	137.3	8.649	.0	1481.9	1918.3	-.1
390.0	387.8	6.418	6.383	34.016	26.726	28.511	26.722	136.4	8.786	.0	1481.8	2004.9	18.1
400.0	397.7	6.311	6.276	34.021	26.744	28.576	26.740	134.8	8.922	.0	1481.6	2092.7	9.6
410.0	407.6	6.195	6.159	34.031	26.767	28.645	26.762	132.7	9.056	.0	1481.3	2182.0	20.7
420.0	417.6	6.089	6.053	34.041	26.788	28.713	26.784	130.7	9.188	.0	1481.0	2272.5	11.6
430.0	427.5	6.023	5.985	34.048	26.802	28.773	26.798	129.5	9.318	.0	1480.9	2364.3	16.3
440.0	437.4	5.937	5.899	34.050	26.815	28.833	26.810	128.3	9.447	.0	1480.7	2457.4	11.3
450.0	447.4	5.842	5.804	34.051	26.827	28.891	26.823	127.2	9.575	.0	1480.5	2551.8	6.9
460.0	457.3	5.777	5.738	34.053	26.837	28.947	26.832	126.4	9.701	.0	1480.4	2647.4	25.0
470.0	467.2	5.684	5.645	34.058	26.852	29.010	26.848	124.9	9.827	.0	1480.2	2744.2	11.3
480.0	477.1	5.662	5.622	34.066	26.862	29.065	26.857	124.1	9.952	.0	1480.3	2842.4	8.9
490.0	487.0	5.607	5.566	34.076	26.876	29.126	26.871	122.8	10.075	.0	1480.3	2941.7	19.2
500.0	497.0	5.442	5.401	34.071	26.892	29.189	26.887	121.3	10.197	.0	1479.7	3042.2	16.2
510.0	506.9	5.310	5.269	34.089	26.922	29.266	26.917	118.4	10.317	.0	1479.4	3144.0	15.9
520.0	516.8	5.247	5.205	34.095	26.934	29.325	26.929	117.3	10.435	.0	1479.3	3246.9	26.1
530.0	526.7	5.236	5.193	34.107	26.945	29.382	26.940	116.4	10.552	.0	1479.4	3350.9	8.0
540.0	536.6	5.203	5.159	34.107	26.949	29.432	26.944	116.1	10.668	.0	1479.5	3456.1	2.1
550.0	546.5	5.139	5.095	34.110	26.959	29.488	26.954	115.2	10.784	.0	1479.4	3562.5	28.8
560.0	556.5	5.052	5.007	34.115	26.973	29.550	26.968	113.8	10.898	.0	1479.2	3670.0	27.3
570.0	566.4	5.080	5.034	34.145	26.994	29.615	26.988	112.1	11.011	.0	1479.5	3778.6	9.8
580.0	576.3	5.042	4.996	34.154	27.006	29.673	27.000	111.0	11.122	.0	1479.5	3888.3	8.3
590.0	586.2	4.925	4.878	34.155	27.019	29.735	27.014	109.6	11.233	.0	1479.2	3999.1	14.1
600.0	596.1	5.049	5.001	34.198	27.039	29.798	27.034	108.1	11.342	.0	1479.9	4111.0	17.1
610.0	606.0	4.902	4.853	34.193	27.052	29.859	27.046	106.8	11.449	.0	1479.5	4224.0	3.3
620.0	615.9	4.838	4.789	34.197	27.063	29.917	27.057	105.8	11.555	.0	1479.4	4338.0	14.4
630.0	625.8	4.793	4.744	34.225	27.090	29.990	27.085	103.3	11.660	.0	1479.4	4453.0	20.6
640.0	635.8	4.781	4.731	34.239	27.103	30.049	27.097	102.2	11.762	.0	1479.6	4569.1	6.5
650.0	645.7	4.743	4.692	34.246	27.112	30.104	27.107	101.3	11.864	.0	1479.6	4686.1	15.0
660.0	655.6	4.676	4.624	34.254	27.127	30.165	27.121	100.0	11.965	.0	1479.5	4804.2	14.1
670.0	665.5	4.639	4.587	34.266	27.140	30.225	27.134	98.8	12.064	.0	1479.5	4923.2	11.2
680.0	675.4	4.531	4.478	34.267	27.153	30.285	27.147	97.5	12.163	.0	1479.2	5043.3	2.7
690.0	685.3	4.511	4.458	34.277	27.163	30.342	27.157	96.6	12.260	.0	1479.3	5164.2	16.8
700.0	695.2	4.489	4.436	34.293	27.178	30.402	27.172	95.3	12.356	.0	1479.4	5286.2	4.8
710.0	705.1	4.473	4.418	34.295	27.181	30.452	27.175	95.1	12.451	.0	1479.5	5409.0	3.0
720.0	715.0	4.446	4.391	34.305	27.192	30.509	27.186	94.1	12.545	.0	1479.6	5532.8	3.0
730.0	724.9	4.456	4.400	34.308	27.194	30.556	27.188	94.1	12.640	.0	1479.8	5657.6	3.0
740.0	734.8	4.430	4.373	34.316	27.202	30.611	27.196	93.3	12.733	.0	1479.8	5783.2	8.9
750.0	744.7	4.365	4.308	34.325	27.217	30.672	27.211	92.0	12.826	.0	1479.7	5909.8	8.0
760.0	754.6	4.333	4.275	34.330	27.224	30.726	27.218	91.3	12.918	.0	1479.8	6037.3	6.3
770.0	764.5	4.299	4.240	34.333	27.231	30.779	27.225	90.7	13.009	.0	1479.8	6165.7	5.7
780.0	774.4	4.274	4.215	34.343	27.241	30.835	27.235	89.8	13.099	.0	1479.9	6294.9	5.7
790.0	784.3	4.259	4.199	34.351	27.249	30.889	27.243	89.1	13.188	.0	1480.0	6425.1	4.2
800.0	794.2	4.193	4.133	34.359	27.262	30.949	27.256	87.9	13.277	.0	1479.9	6556.1	14.8
810.0	804.1	4.172	4.111	34.366	27.270	31.003	27.264	87.2	13.364	.0	1480.0	6688.0	6.6
820.0	814.0	4.156	4.095	34.371	27.276	31.055	27.270	86.7	13.451	.0	1480.1	6820.7	3.3
830.0	823.9	4.128	4.065	34.378	27.284	31.110	27.278	86.0	13.538	.0	1480.1	6954.3	5.7
840.0	833.8	4.097	4.034	34.387	27.295	31.167	27.288	85.0	13.623	.0	1480.2	7088.7	10.1
850.0	843.7	4.081	4.017	34.390	27.299	31.217	27.292	84.7	13.708	.0	1480.3	7224.0	2.5
860.0	853.6	4.063	3.998	34.394	27.305	31.268	27.298	84.2	13.792	.0	1480.4	7360.1	6.3
870.0	863.5	4.058	3.992	34.400	27.309	31.319	27.303	83.8	13.877	.0	1480.5	7497.0	3.4
880.0	873.4	4.063	3.997	34.406	27.314	31.369	27.307	83.5	13.960	.0	1480.7	7634.8	8.9
890.0	883.3	4.043	3.976	34.410	27.319	31.420	27.312	83.1	14.044	.0	1480.8	7773.3	2.2
900.0	893.2	4.024	3.957	34.411	27.322	31.469	27.315	82.8	14.127	.0	1480.9	7912.7	1.9
910.0	903.1	3.987	3.919	34.415	27.329	31.522	27.322	82.3	14.209	.0	1480.9	8052.9	5.7
920.0	913.0	3.995	3.926	34.420	27.333	31.572	27.326	82.0	14.291	.0	1481.1	8193.9	4.3
930.0	922.9	3.972	3.903	34.424	27.338	31.623	27.331	81.6	14.373	.0	1481.2	8335.8	10.7
940.0	932.8	3.946	3.876	34.429	27.345	31.676	27.338	80.9	14.454	.0	1481.3	8478.4	2.2
950.0	942.7	3.934	3.863	34.438	27.353	31.730	27.346	80.3	14.535	.0	1481.4	8621.8	6.1
960.0	952.6	3.901	3.829	34.442	27.360	31.783	27.353	79.6	14.615	.0	1481.4	8766.0	9.3
970.0	962.5	3.868	3.796	34.446	27.366	31.836	27.359	79.0	14.694	.0	1481.4	8910.9	8.1
980.0	972.4	3.831	3.759	34.450	27.373	31.890	27.366	78.4	14.773	.0	1481.5	9056.7	2.3
990.0	982.3	3.795	3.721	34.451	27.378	31.941	27.370	78.0	14.851	.0	1481.5	9203.2	7.8

Station 26 Latitude 32° 18.42'N Longitude 128° 09.40'W 29 Apr 1991 GMT 7:28 Bottom 4375 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.742	3.669	34.452	27.384	31.994	27.377	77.3	14.929	.0	1481.4	9350.4	5.2
1020.0	1011.9	3.699	3.624	34.466	27.399	32.102	27.392	76.0	15.082	.0	1481.6	9647.3	-1.0
1040.0	1031.7	3.678	3.602	34.469	27.404	32.198	27.396	75.7	15.234	.0	1481.8	9947.0	6.7
1060.0	1051.5	3.622	3.545	34.477	27.416	32.302	27.408	74.6	15.384	.0	1481.9	10249.8	4.3
1080.0	1071.3	3.550	3.471	34.485	27.429	32.409	27.422	73.3	15.532	.0	1482.0	10555.5	6.1
1100.0	1091.0	3.470	3.390	34.493	27.444	32.517	27.436	71.9	15.677	.0	1482.0	10864.0	8.7
1120.0	1110.8	3.416	3.335	34.497	27.452	32.618	27.445	71.1	15.820	.0	1482.1	11175.3	2.3
1140.0	1130.6	3.371	3.289	34.502	27.461	32.719	27.453	70.3	15.962	.0	1482.2	11489.5	9.0
1160.0	1150.3	3.343	3.260	34.506	27.467	32.817	27.459	69.9	16.102	.0	1482.4	11806.3	5.8
1180.0	1170.1	3.317	3.232	34.508	27.471	32.913	27.463	69.5	16.241	.0	1482.7	12126.0	3.8
1200.0	1189.8	3.297	3.211	34.515	27.478	33.012	27.470	69.0	16.380	.0	1482.9	12448.3	7.6
1220.0	1209.6	3.238	3.151	34.521	27.489	33.115	27.480	68.0	16.517	.0	1483.0	12773.3	6.2
1240.0	1229.4	3.195	3.106	34.525	27.496	33.215	27.488	67.3	16.653	.0	1483.2	13101.0	10.0
1260.0	1249.1	3.134	3.044	34.531	27.507	33.318	27.498	66.3	16.786	.0	1483.2	13431.3	2.7
1280.0	1268.9	3.117	3.026	34.532	27.509	33.413	27.501	66.1	16.919	.0	1483.5	13764.2	-1.1
1300.0	1288.6	3.085	2.993	34.535	27.514	33.509	27.506	65.7	17.051	.0	1483.7	14099.7	2.1
1320.0	1308.4	3.071	2.977	34.536	27.517	33.603	27.508	65.6	17.182	.0	1484.0	14437.7	1.8
1340.0	1328.1	3.033	2.938	34.540	27.523	33.702	27.514	65.0	17.313	.0	1484.1	14778.3	4.2
1360.0	1347.9	3.004	2.908	34.543	27.529	33.799	27.520	64.6	17.442	.0	1484.4	15121.5	3.3
1380.0	1367.6	2.962	2.865	34.547	27.536	33.899	27.527	63.9	17.571	.0	1484.5	15467.1	.7
1400.0	1387.4	2.946	2.847	34.548	27.538	33.993	27.529	63.7	17.698	.0	1484.8	15815.2	2.2
1420.0	1407.1	2.900	2.800	34.551	27.545	34.092	27.536	63.1	17.825	.0	1484.9	16165.9	6.3
1440.0	1426.8	2.851	2.750	34.555	27.552	34.192	27.543	62.4	17.950	.0	1485.0	16518.9	1.3
1460.0	1446.6	2.818	2.715	34.557	27.557	34.289	27.548	61.9	18.074	.0	1485.2	16874.4	2.8
1480.0	1466.3	2.779	2.675	34.561	27.564	34.388	27.555	61.3	18.198	.0	1485.4	17232.3	3.1
1500.0	1486.0	2.745	2.640	34.564	27.569	34.485	27.560	60.8	18.320	.0	1485.6	17592.6	4.8
1520.0	1505.8	2.721	2.615	34.566	27.573	34.580	27.563	60.5	18.441	.0	1485.8	17955.3	6.6
1540.0	1525.5	2.683	2.575	34.569	27.579	34.679	27.570	59.9	18.561	.0	1486.0	18320.3	5.2
1560.0	1545.2	2.644	2.535	34.572	27.585	34.777	27.576	59.3	18.680	.0	1486.2	18687.6	1.9
1580.0	1564.9	2.600	2.490	34.576	27.592	34.876	27.582	58.7	18.798	.0	1486.3	19057.2	.2
1600.0	1584.7	2.571	2.459	34.578	27.596	34.972	27.586	58.3	18.915	.0	1486.5	19429.1	2.6
1620.0	1604.4	2.536	2.424	34.580	27.601	35.069	27.591	57.8	19.031	.0	1486.7	19803.3	6.4
1640.0	1624.1	2.502	2.389	34.584	27.607	35.167	27.597	57.2	19.146	.0	1486.9	20179.7	2.9
1660.0	1643.8	2.486	2.371	34.585	27.609	35.260	27.599	57.1	19.261	.0	1487.2	20558.3	1.1
1680.0	1663.5	2.461	2.344	34.587	27.613	35.356	27.603	56.7	19.374	.0	1487.4	20939.1	6.4
1700.0	1683.3	2.441	2.323	34.588	27.616	35.450	27.606	56.5	19.488	.0	1487.6	21322.2	3.8
1720.0	1703.0	2.406	2.287	34.591	27.621	35.548	27.611	55.9	19.600	.0	1487.8	21707.4	4.7
1740.0	1722.7	2.383	2.262	34.594	27.625	35.643	27.615	55.6	19.712	.0	1488.1	22094.8	5.9
1760.0	1742.4	2.355	2.233	34.596	27.629	35.739	27.619	55.2	19.823	.0	1488.3	22484.4	2.7
1780.0	1762.1	2.337	2.214	34.597	27.632	35.833	27.622	55.0	19.933	.0	1488.5	22876.1	2.1
1800.0	1781.8	2.310	2.185	34.599	27.636	35.929	27.626	54.6	20.042	.0	1488.8	23269.9	.3
1820.0	1801.5	2.296	2.171	34.601	27.639	36.022	27.628	54.4	20.151	.0	1489.0	23665.8	1.2
1840.0	1821.2	2.279	2.152	34.602	27.641	36.116	27.631	54.2	20.260	.0	1489.3	24063.9	1.5
1860.0	1840.9	2.252	2.123	34.605	27.646	36.212	27.635	53.7	20.368	.0	1489.5	24464.0	4.5
1880.0	1860.6	2.228	2.098	34.607	27.649	36.307	27.639	53.4	20.475	.0	1489.8	24866.2	.7
1900.0	1880.3	2.201	2.069	34.610	27.653	36.403	27.643	53.0	20.581	.0	1490.0	25270.5	2.5
1920.0	1900.0	2.171	2.038	34.612	27.658	36.499	27.647	52.5	20.687	.0	1490.2	25676.8	-.2
1940.0	1919.7	2.153	2.019	34.615	27.662	36.594	27.651	52.2	20.791	.0	1490.4	26085.2	.4
1960.0	1939.3	2.137	2.001	34.616	27.664	36.687	27.653	52.0	20.896	.0	1490.7	26495.5	2.5
1980.0	1959.0	2.115	1.979	34.618	27.668	36.782	27.657	51.7	20.999	.0	1491.0	26907.9	-1.3
2000.0	1978.7	2.105	1.967	34.619	27.669	36.874	27.658	51.6	21.103	.0	1491.2	27322.3	4.0
2050.0	2027.9	2.062	1.920	34.623	27.676	37.109	27.665	51.0	21.359	.0	1491.9	28366.9	3.2
2096.0	2073.2	2.026	1.881	34.627	27.682	37.324	27.671	50.4	21.592	.0	1492.5	29338.8	.0

Station 27 Latitude 32° 04.80'N Longitude 128° 16.33'W 29 Apr 1991 GMT 10:25 Bottom 4325 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.553	15.553	33.382	24.604	24.604	24.604	332.4	.000	.0	1507.2	.0	.0
10.0	10.0	15.559	15.557	33.382	24.603	24.647	24.603	332.9	.333	.0	1507.3	1.7	-1.5
20.0	19.9	15.571	15.568	33.385	24.603	24.691	24.603	333.2	.666	.0	1507.5	6.6	-1.8
30.0	29.9	15.572	15.568	33.385	24.603	24.736	24.602	333.5	.999	.0	1507.7	14.9	-1.2
40.0	39.8	16.083	16.076	33.672	24.709	24.885	24.708	323.7	1.330	.0	1509.8	26.5	171.6
50.0	49.8	15.976	15.968	33.718	24.770	24.989	24.768	318.3	1.650	.0	1509.7	41.4	29.3
60.0	59.8	16.013	16.003	33.765	24.798	25.061	24.796	315.9	1.967	.0	1510.0	59.4	22.0
70.0	69.7	16.131	16.119	33.827	24.819	25.126	24.816	314.3	2.282	.0	1510.6	80.5	4.5
80.0	79.7	16.183	16.170	33.855	24.829	25.180	24.826	313.6	2.596	.0	1511.0	104.8	13.0
90.0	89.7	16.226	16.211	33.883	24.841	25.236	24.838	312.8	2.909	.0	1511.3	132.3	15.1
100.0	99.6	16.110	16.094	33.873	24.860	25.299	24.857	311.3	3.221	.0	1511.1	162.8	11.9
110.0	109.6	15.119	15.102	33.695	24.944	25.429	24.941	303.4	3.529	.0	1508.0	196.4	150.2
120.0	119.5	14.259	14.242	33.627	25.076	25.607	25.073	291.0	3.825	.0	1505.3	233.0	36.1
130.0	129.5	13.317	13.300	33.638	25.279	25.856	25.275	271.8	4.106	.0	1502.3	272.5	42.4
140.0	139.4	12.866	12.847	33.629	25.361	25.984	25.358	264.2	4.376	.0	1501.0	314.7	73.4
150.0	149.4	11.519	11.500	33.535	25.545	26.217	25.542	246.6	4.632	.0	1496.4	359.5	90.4
160.0	159.3	10.595	10.576	33.475	25.663	26.382	25.660	235.3	4.874	.0	1493.2	406.8	35.7
170.0	169.3	10.266	10.246	33.478	25.722	26.487	25.719	229.8	5.106	.0	1492.2	456.5	21.6
180.0	179.2	9.947	9.927	33.495	25.790	26.601	25.786	223.5	5.333	.0	1491.2	508.4	60.5
190.0	189.2	9.671	9.649	33.532	25.864	26.722	25.861	216.6	5.551	.0	1490.4	562.5	29.7
200.0	199.1	9.292	9.270	33.591	25.972	26.876	25.969	206.4	5.763	.0	1489.2	618.7	3.0
210.0	209.0	9.069	9.047	33.682	26.079	27.029	26.075	196.3	5.966	.0	1488.7	677.1	136.5
220.0	219.0	8.946	8.922	33.789	26.183	27.179	26.179	186.6	6.157	.0	1488.5	737.3	16.4
230.0	228.9	8.751	8.727	33.832	26.247	27.288	26.243	180.7	6.342	.0	1488.0	799.4	60.6
240.0	238.9	8.690	8.665	33.855	26.274	27.361	26.270	178.3	6.522	.0	1488.0	863.3	80.2
250.0	248.8	8.562	8.536	33.923	26.347	27.481	26.343	171.5	6.698	.0	1487.7	929.0	104.2
260.0	258.7	8.503	8.476	33.946	26.375	27.554	26.371	169.0	6.867	.0	1487.7	996.4	69.7
270.0	268.7	8.364	8.336	33.983	26.425	27.650	26.421	164.4	7.033	.0	1487.4	1065.5	38.9
280.0	278.6	8.237	8.208	34.001	26.459	27.729	26.454	161.3	7.196	.0	1487.1	1136.1	32.2
290.0	288.5	7.905	7.876	34.001	26.508	27.826	26.504	156.6	7.356	.0	1486.0	1208.4	73.7
300.0	298.5	7.776	7.746	34.000	26.526	27.890	26.521	155.0	7.511	.0	1485.6	1282.2	34.7
310.0	308.4	7.636	7.606	33.999	26.545	27.956	26.541	153.2	7.665	.0	1485.3	1357.6	20.6
320.0	318.3	7.495	7.464	34.001	26.567	28.024	26.563	151.3	7.818	.0	1484.9	1434.5	37.9
330.0	328.3	7.316	7.284	34.002	26.594	28.097	26.589	148.8	7.967	.0	1484.3	1512.9	17.1
340.0	338.2	7.304	7.271	34.029	26.617	28.166	26.612	146.8	8.115	.0	1484.5	1592.7	48.7
350.0	348.1	6.920	6.888	34.021	26.663	28.261	26.659	142.2	8.260	.0	1483.2	1674.0	34.9
360.0	358.0	6.761	6.728	34.011	26.677	28.322	26.672	141.0	8.401	.0	1482.7	1756.7	9.1
370.0	368.0	6.655	6.621	34.010	26.690	28.382	26.685	139.8	8.542	.0	1482.4	1840.8	28.1
380.0	377.9	6.520	6.486	34.013	26.710	28.448	26.706	137.9	8.680	.0	1482.0	1926.3	4.0
390.0	387.8	6.384	6.349	34.016	26.731	28.516	26.727	136.0	8.817	.0	1481.7	2013.1	23.1
400.0	397.7	6.189	6.155	34.025	26.763	28.595	26.758	133.0	8.952	.0	1481.1	2101.3	21.0
410.0	407.7	6.075	6.039	34.032	26.783	28.662	26.778	131.1	9.084	.0	1480.8	2190.8	16.9
420.0	417.6	5.981	5.945	34.034	26.796	28.722	26.792	129.9	9.214	.0	1480.6	2281.6	11.0
430.0	427.5	5.881	5.845	34.038	26.812	28.785	26.808	128.4	9.343	.0	1480.3	2373.7	12.4
440.0	437.4	5.779	5.742	34.045	26.830	28.850	26.826	126.7	9.471	.0	1480.1	2467.0	9.5
450.0	447.4	5.733	5.695	34.061	26.849	28.914	26.844	125.0	9.597	.0	1480.1	2561.6	5.7
460.0	457.3	5.621	5.583	34.076	26.874	28.986	26.869	122.7	9.721	.0	1479.8	2657.4	25.0
470.0	467.2	5.549	5.510	34.088	26.892	29.051	26.888	121.0	9.843	.0	1479.7	2754.5	27.9
480.0	477.1	5.394	5.355	34.083	26.907	29.114	26.903	119.5	9.963	.0	1479.2	2852.7	15.0
490.0	487.0	5.283	5.243	34.095	26.930	29.183	26.925	117.4	10.082	.0	1479.0	2952.1	11.5
500.0	497.0	5.287	5.246	34.107	26.939	29.238	26.934	116.7	10.199	.0	1479.2	3052.7	22.3
510.0	506.9	5.371	5.329	34.138	26.953	29.297	26.948	115.5	10.315	.0	1479.7	3154.4	6.3
520.0	516.8	5.202	5.160	34.126	26.964	29.355	26.959	114.4	10.430	.0	1479.2	3257.3	-3.2
530.0	526.7	5.273	5.230	34.149	26.974	29.410	26.969	113.7	10.544	.0	1479.7	3361.3	15.3
540.0	536.6	5.285	5.241	34.162	26.983	29.464	26.978	113.0	10.657	.0	1479.9	3466.4	5.7
550.0	546.5	5.144	5.100	34.167	27.003	29.532	26.998	111.0	10.769	.0	1479.5	3572.6	16.5
560.0	556.5	5.168	5.123	34.177	27.008	29.583	27.003	110.7	10.880	.0	1479.8	3680.0	9.5
570.0	566.4	5.098	5.053	34.186	27.024	29.645	27.019	109.3	10.990	.0	1479.6	3788.4	8.6
580.0	576.3	5.061	5.014	34.193	27.034	29.701	27.029	108.4	11.099	.0	1479.7	3897.9	25.3
590.0	586.2	4.982	4.935	34.210	27.057	29.771	27.051	106.2	11.206	.0	1479.5	4008.5	11.2
600.0	596.1	4.971	4.923	34.214	27.061	29.821	27.055	106.0	11.313	.0	1479.6	4120.1	5.7
610.0	606.0	4.915	4.866	34.219	27.072	29.878	27.066	105.0	11.418	.0	1479.6	4232.7	15.6
620.0	615.9	4.819	4.770	34.217	27.081	29.935	27.075	104.1	11.523	.0	1479.3	4346.4	.4
630.0	625.8	4.787	4.738	34.224	27.090	29.990	27.084	103.3	11.626	.0	1479.4	4461.1	10.6
640.0	635.8	4.788	4.738	34.238	27.101	30.047	27.096	102.3	11.729	.0	1479.6	4576.9	15.9
650.0	645.7	4.768	4.717	34.250	27.113	30.104	27.107	101.4	11.831	.0	1479.7	4693.6	13.6
660.0	655.6	4.721	4.670	34.262	27.128	30.166	27.122	100.0	11.931	.0	1479.7	4811.3	18.3
670.0	665.5	4.678	4.626	34.266	27.135	30.220	27.129	99.3	12.031	.0	1479.7	4930.0	14.4
680.0	675.4	4.658	4.605	34.273	27.143	30.274	27.138	98.6	12.130	.0	1479.7	5049.7	11.5
690.0	685.3	4.615	4.561	34.282	27.155	30.332	27.149	97.5	12.228	.0	1479.7	5170.4	8.9
700.0	695.2	4.566	4.512	34.288	27.166	30.389	27.160	96.6	12.325	.0	1479.7	5292.0	1.6
710.0	705.1	4.563	4.508	34.295	27.171	30.441	27.165	96.1	12.421	.0	1479.9	5414.6	2.2
720.0	715.0	4.525	4.470	34.300	27.179	30.495	27.173	95.4	12.517	.0	1479.9	5538.1	9.5
730.0	724.9	4.505	4.449	34.307	27.188	30.549	27.182	94.7	12.612	.0	1480.0	5662.6	8.9
740.0	734.8	4.457	4.400	34.319	27.202	30.611	27.196	93.4	12.706	.0	1480.0	5788.0	8.9
750.0	744.7	4.434	4.376	34.324	27.208	30.663	27.202	92.9	12.799	.0	1480.0	5914.3	6.3
760.0	754.6	4.398	4.340	34.332	27.219	30.719	27.213	91.9	12.892	.0	1480.1	6041.5	14.5
770.0	764.5	4.376	4.317	34.335	27.224	30.771	27.218	91.5	12.983	.0	1480.1	6169.6	10.1
780.0	774.4	4.351	4.291	34.342	27.232	30.825	27.226	90.8	13.074	.0	1480.2	6298.6	11.8
790.0	784.3	4.294	4.233	34.354	27.248	30.887	27.241	89.3	13.165	.0	1480.1	6428.6	17.7
800.0	794.3	4.247	4.187	34.363	27.260	30.946	27.253	88.2	13.253	.0	1480.1	6559.3	12.1
810.0	804.2	4.209	4.148	34.370	27.270	31.002	27.263	87.3	13.341	.0	1480.1	6691.0	8.9
820.0	814.0	4.196	4.134	34.372	27.273	31.052	27.267	87.1	13.428	.0	1480.3	6823.5	8.6
830.0	824.0	4.160	4.098	34.381	27.284	31.108	27.277	86.1	13.514	.0	1480.3	6956.9	8.0
840.0	833.8	4.130	4.067	34.387	27.291	31.162	27.285	85.4	13.600	.0	1480.3	7091.1	3.1
850.0	843.7	4.115	4.051	34.392	27.298	31.214	27.291	84.9	13.685	.0	1480.4	7226.1	8.9
860.0	853.6	4.094	4.030	34.399	27.305	31.268	27.298	84.3	13.770	.0	1480.5	7362.0	13.0
870.0	863.5	4.070	4.004	34.405	27.313	31.322	27.306	83.6	13.854	.0	1480.6	7498.7	1.9
880.0	873.4	4.043	3.977	34.411	27.320	31.376	27.313	82.9	13.937	.0	1480.7	7636.2	13.3
890.0	883.3	4.022	3.955	34.415	27.325	31.427	27.319	82.5	14.020	.0	1480.7	7774.6	-.7
900.0	893.2	3.991	3.923	34.421	27.333	31.481	27.327	81.7	14.102	.0	1480.8	7913.7	7.5
910.0	903.1	3.967	3.899	34.426	27.340	31.534	27.333	81.2	14.183	.0	1480.8	8053.7	4.9
920.0	913.0	3.950	3.881	34.429	27.344	31.584	27.337	80.9	14.264	.0	1480.9	8194.4	-1.6
930.0	922.9	3.908	3.839	34.435	27.354	31.640	27.346	80.0	14.345	.0	1480.9	8336.0	6.0
940.0	932.8	3.888	3.818	34.438	27.358	31.691	27.351	79.6	14.425	.0	1481.0	8478.3	5.5
950.0	942.7	3.865	3.794	34.441	27.363	31.742	27.356	79.2	14.504	.0	1481.1	8621.4	8.7
960.0	952.6	3.835	3.763	34.444	27.368	31.793	27.361	78.7	14.583	.0	1481.1	8765.3	10.4
970.0	962.5	3.796	3.724	34.450	27.377	31.849	27.370	77.9	14.661	.0	1481.1	8909.9	2.8
980.0	972.4	3.774	3.702	34.452	27.381	31.899	27.374	77.5	14.739	.0	1481.2	9055.3	4.3
990.0	982.3	3.743	3.670	34.458	27.388	31.953	27.381	76.8	14.816	.0	1481.3	9201.5	7.8

Station 27 Latitude 32° 04.80'N Longitude 128° 16.33'W 29 Apr 1991 GMT 10:25 Bottom 4325 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.728	3.654	34.461	27.392	32.003	27.385	76.5	14.893	.0	1481.4	9348.4	6.9
1020.0	1011.9	3.660	3.585	34.470	27.407	32.110	27.399	75.2	15.045	.0	1481.4	9644.5	3.4
1040.0	1031.7	3.610	3.534	34.477	27.417	32.213	27.410	74.2	15.194	.0	1481.6	9943.6	4.3
1060.0	1051.5	3.575	3.498	34.483	27.425	32.313	27.418	73.6	15.342	.0	1481.7	10245.5	7.3
1080.0	1071.3	3.526	3.448	34.488	27.435	32.415	27.427	72.7	15.488	.0	1481.9	10550.3	3.2
1100.0	1091.0	3.480	3.401	34.494	27.444	32.517	27.436	71.9	15.633	.0	1482.0	10858.0	4.0
1120.0	1110.8	3.427	3.346	34.500	27.454	32.619	27.446	71.0	15.776	.0	1482.1	11168.4	4.3
1140.0	1130.6	3.376	3.294	34.506	27.463	32.721	27.455	70.2	15.917	.0	1482.3	11481.7	3.8
1160.0	1150.3	3.330	3.247	34.511	27.472	32.822	27.464	69.4	16.056	.0	1482.4	11797.7	2.3
1180.0	1170.1	3.310	3.226	34.513	27.476	32.918	27.468	69.1	16.195	.0	1482.6	12116.4	.0
1200.0	1189.9	3.274	3.188	34.517	27.482	33.016	27.474	68.6	16.332	.0	1482.8	12437.8	1.7
1220.0	1209.6	3.237	3.149	34.521	27.489	33.115	27.480	68.0	16.469	.0	1483.0	12761.9	1.5
1240.0	1229.4	3.212	3.123	34.526	27.495	33.213	27.487	67.5	16.604	.0	1483.2	13088.6	-.3
1260.0	1249.2	3.155	3.065	34.528	27.502	33.314	27.494	66.8	16.738	.0	1483.3	13417.9	1.5
1280.0	1268.9	3.112	3.021	34.532	27.509	33.413	27.501	66.1	16.871	.0	1483.5	13749.9	1.2
1300.0	1288.7	3.069	2.977	34.534	27.515	33.511	27.507	65.6	17.003	.0	1483.6	14084.5	4.7
1320.0	1308.4	3.038	2.945	34.538	27.521	33.609	27.513	65.1	17.134	.0	1483.8	14421.6	1.8
1340.0	1328.2	3.006	2.911	34.541	27.527	33.707	27.518	64.6	17.263	.0	1484.0	14761.2	3.6
1360.0	1347.9	2.974	2.878	34.544	27.532	33.804	27.524	64.1	17.392	.0	1484.2	15103.4	2.7
1380.0	1367.6	2.948	2.851	34.547	27.537	33.900	27.528	63.7	17.520	.0	1484.5	15448.0	.7
1400.0	1387.4	2.922	2.824	34.549	27.541	33.996	27.532	63.4	17.647	.0	1484.7	15795.1	2.7
1420.0	1407.1	2.868	2.768	34.554	27.550	34.098	27.541	62.5	17.772	.0	1484.8	16144.7	2.7
1440.0	1426.9	2.826	2.725	34.558	27.557	34.198	27.548	61.8	17.896	.0	1484.9	16496.8	3.9
1460.0	1446.6	2.791	2.688	34.561	27.563	34.295	27.553	61.3	18.020	.0	1485.1	16851.2	1.3
1480.0	1466.3	2.758	2.655	34.563	27.567	34.392	27.558	60.9	18.142	.0	1485.3	17208.0	1.3
1500.0	1486.1	2.724	2.619	34.566	27.573	34.489	27.564	60.4	18.264	.0	1485.5	17567.2	2.8
1520.0	1505.8	2.684	2.578	34.569	27.579	34.588	27.569	59.8	18.384	.0	1485.7	17928.7	6.6
1540.0	1525.5	2.662	2.554	34.571	27.582	34.683	27.573	59.5	18.503	.0	1485.9	18292.6	2.5
1560.0	1545.3	2.646	2.537	34.573	27.585	34.777	27.576	59.3	18.622	.0	1486.2	18658.8	2.5
1580.0	1565.0	2.618	2.508	34.574	27.589	34.872	27.579	59.0	18.740	.0	1486.4	19027.3	5.8
1600.0	1584.7	2.586	2.474	34.577	27.594	34.970	27.584	58.5	18.858	.0	1486.6	19398.1	1.7
1620.0	1604.4	2.554	2.441	34.580	27.599	35.067	27.590	58.0	18.974	.0	1486.8	19771.1	.2
1640.0	1624.1	2.531	2.417	34.581	27.602	35.161	27.593	57.7	19.090	.0	1487.0	20146.4	-.3
1660.0	1643.8	2.500	2.384	34.585	27.608	35.259	27.598	57.2	19.205	.0	1487.2	20523.9	1.7
1680.0	1663.6	2.462	2.345	34.588	27.614	35.357	27.604	56.7	19.319	.0	1487.4	20903.7	.3
1700.0	1683.3	2.417	2.299	34.591	27.620	35.455	27.610	56.0	19.432	.0	1487.5	21285.6	1.1
1720.0	1703.0	2.386	2.267	34.593	27.624	35.552	27.614	55.6	19.543	.0	1487.8	21669.8	3.8
1740.0	1722.7	2.367	2.247	34.594	27.627	35.646	27.617	55.4	19.654	.0	1488.0	22056.0	-1.5
1760.0	1742.4	2.348	2.227	34.596	27.630	35.740	27.620	55.1	19.765	.0	1488.3	22444.5	2.9
1780.0	1762.1	2.326	2.204	34.597	27.633	35.834	27.623	54.8	19.874	.0	1488.5	22835.0	1.2
1800.0	1781.8	2.306	2.182	34.600	27.637	35.930	27.627	54.5	19.984	.0	1488.7	23227.7	1.8
1820.0	1801.5	2.292	2.166	34.602	27.639	36.023	27.629	54.3	20.093	.0	1489.0	23622.5	.9
1840.0	1821.2	2.270	2.142	34.603	27.642	36.118	27.632	54.0	20.201	.0	1489.3	24019.4	2.7
1860.0	1840.9	2.243	2.114	34.606	27.647	36.214	27.636	53.6	20.308	.0	1489.5	24418.4	1.6
1880.0	1860.6	2.226	2.096	34.607	27.649	36.307	27.639	53.4	20.415	.0	1489.7	24819.4	-1.9
1900.0	1880.3	2.205	2.074	34.609	27.652	36.402	27.642	53.1	20.522	.0	1490.0	25222.5	1.6
1920.0	1900.0	2.186	2.053	34.610	27.655	36.495	27.644	52.9	20.628	.0	1490.2	25627.7	1.6
1940.0	1919.7	2.167	2.033	34.611	27.658	36.589	27.647	52.6	20.733	.0	1490.5	26034.9	-.7
1960.0	1939.4	2.146	2.011	34.614	27.662	36.684	27.651	52.3	20.838	.0	1490.7	26444.1	1.3
1980.0	1959.1	2.123	1.986	34.617	27.666	36.780	27.655	51.9	20.942	.0	1491.0	26855.4	4.3
2000.0	1978.8	2.094	1.956	34.620	27.671	36.877	27.660	51.4	21.045	.0	1491.2	27268.7	-.1
2050.0	2028.0	2.044	1.902	34.625	27.679	37.112	27.667	50.6	21.301	.0	1491.8	28310.5	2.9
2096.0	2073.2	1.999	1.854	34.629	27.685	37.328	27.674	50.0	21.532	.0	1492.4	29279.7	.0

Station 28 Latitude 31° 59.54'N Longitude 128° 01.65'W 29 Apr 1991 GMT 13:05 Bottom 4150 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.612	15.612	33.422	24.622	24.622	24.622	330.8	.000	.0	1507.4	.0	.0
10.0	10.0	15.621	15.619	33.422	24.621	24.665	24.620	331.2	.331	.0	1507.6	1.6	-.3
20.0	19.9	15.622	15.619	33.422	24.620	24.708	24.619	331.6	.662	.0	1507.7	6.6	-1.5
30.0	29.9	15.703	15.699	33.536	24.691	24.823	24.690	325.2	.993	.0	1508.3	14.8	78.7
40.0	39.8	15.818	15.811	33.626	24.734	24.910	24.733	321.3	1.315	.0	1508.9	26.3	24.9
50.0	49.8	15.899	15.891	33.665	24.746	24.966	24.745	320.5	1.636	.0	1509.4	41.0	20.0
60.0	59.8	15.922	15.912	33.695	24.764	25.028	24.762	319.1	1.956	.0	1509.7	58.9	12.4
70.0	69.7	15.905	15.894	33.709	24.780	25.087	24.777	318.0	2.274	.0	1509.8	80.0	31.1
80.0	79.7	15.794	15.782	33.696	24.795	25.146	24.792	316.9	2.591	.0	1509.6	104.2	6.8
90.0	89.7	15.948	15.934	33.764	24.813	25.208	24.810	315.5	2.907	.0	1510.3	131.6	13.3
100.0	99.6	15.961	15.945	33.788	24.829	25.268	24.825	314.3	3.222	.0	1510.5	162.1	26.2
110.0	109.6	14.996	14.979	33.656	24.941	25.426	24.938	303.7	3.533	.0	1507.5	195.8	156.3
120.0	119.5	14.556	14.538	33.618	25.007	25.537	25.003	297.7	3.833	.0	1506.2	232.4	62.2
130.0	129.5	13.801	13.783	33.648	25.188	25.764	25.184	280.6	4.120	.0	1504.0	272.0	79.7
140.0	139.4	13.369	13.350	33.620	25.255	25.876	25.251	274.4	4.397	.0	1502.7	314.4	68.2
150.0	149.4	12.716	12.696	33.588	25.360	26.028	25.356	264.5	4.666	.0	1500.6	359.5	185.8
160.0	159.3	11.992	11.971	33.551	25.470	26.184	25.466	254.1	4.923	.0	1498.2	407.2	61.5
170.0	169.3	11.551	11.530	33.528	25.534	26.295	25.530	248.1	5.174	.0	1496.8	457.4	105.9
180.0	179.2	10.926	10.904	33.494	25.620	26.428	25.617	239.9	5.417	.0	1494.7	510.1	28.2
190.0	189.2	10.393	10.371	33.485	25.707	26.561	25.703	231.8	5.653	.0	1493.0	565.2	137.6
200.0	199.1	9.933	9.910	33.523	25.815	26.716	25.811	221.6	5.878	.0	1491.5	622.5	91.0
210.0	209.1	9.575	9.552	33.590	25.925	26.873	25.921	211.1	6.095	.0	1490.4	682.0	140.7
220.0	219.0	9.189	9.165	33.640	26.027	27.022	26.023	201.5	6.300	.0	1489.2	743.7	29.6
230.0	228.9	9.016	8.991	33.716	26.115	27.156	26.111	193.3	6.498	.0	1488.8	807.3	89.9
240.0	238.9	8.944	8.918	33.816	26.204	27.290	26.200	185.0	6.687	.0	1488.9	872.8	97.3
250.0	248.8	8.752	8.726	33.888	26.291	27.423	26.287	176.9	6.868	.0	1488.4	940.2	55.4
260.0	258.8	8.569	8.542	33.930	26.353	27.531	26.348	171.2	7.042	.0	1487.9	1009.3	41.0
270.0	268.7	8.360	8.333	33.971	26.416	27.641	26.412	165.2	7.210	.0	1487.4	1080.1	62.6
280.0	278.6	8.208	8.179	33.981	26.447	27.718	26.443	162.4	7.373	.0	1486.9	1152.5	8.4
290.0	288.5	8.024	7.995	33.994	26.485	27.802	26.480	158.9	7.534	.0	1486.4	1226.5	41.8
300.0	298.5	7.853	7.824	34.001	26.516	27.879	26.511	156.0	7.692	.0	1485.9	1302.2	10.4
310.0	308.4	7.603	7.573	34.004	26.554	27.965	26.550	152.4	7.846	.0	1485.1	1379.3	57.2
320.0	318.3	7.501	7.470	34.002	26.567	28.024	26.563	151.3	7.998	.0	1484.9	1458.0	8.0
330.0	328.3	7.457	7.425	34.001	26.573	28.076	26.568	150.9	8.149	.0	1484.9	1538.2	13.3
340.0	338.2	7.198	7.166	34.001	26.609	28.159	26.605	147.4	8.298	.0	1484.1	1619.8	38.7
350.0	348.1	7.045	7.013	34.003	26.632	28.229	26.627	145.3	8.444	.0	1483.6	1702.9	23.8
360.0	358.1	6.937	6.903	34.004	26.648	28.291	26.643	143.8	8.589	.0	1483.4	1787.5	36.0
370.0	368.0	6.745	6.711	34.010	26.678	28.369	26.674	140.9	8.731	.0	1482.8	1873.5	16.4
380.0	377.9	6.616	6.582	34.013	26.698	28.435	26.693	139.2	8.871	.0	1482.4	1960.8	4.1
390.0	387.8	6.514	6.479	34.011	26.710	28.493	26.705	138.1	9.010	.0	1482.2	2049.6	13.4
400.0	397.8	6.359	6.323	34.009	26.729	28.560	26.724	136.3	9.147	.0	1481.7	2139.7	16.0
410.0	407.7	6.213	6.177	34.013	26.750	28.628	26.746	134.3	9.283	.0	1481.3	2231.1	11.6
420.0	417.6	6.112	6.076	34.015	26.765	28.690	26.760	132.9	9.417	.0	1481.1	2323.9	19.8
430.0	427.5	6.044	6.007	34.015	26.774	28.745	26.769	132.1	9.549	.0	1481.0	2418.0	26.8
440.0	437.5	5.965	5.928	34.018	26.786	28.803	26.781	131.1	9.681	.0	1480.8	2513.5	1.9
450.0	447.4	5.890	5.851	34.022	26.799	28.862	26.794	129.9	9.811	.0	1480.7	2610.2	27.7
460.0	457.3	5.799	5.760	34.024	26.812	28.922	26.807	128.7	9.940	.0	1480.5	2708.1	1.0
470.0	467.2	5.726	5.686	34.027	26.823	28.980	26.818	127.7	10.069	.0	1480.3	2807.4	22.7
480.0	477.1	5.602	5.562	34.031	26.841	29.045	26.836	126.0	10.196	.0	1480.0	2907.9	10.1
490.0	487.1	5.537	5.496	34.039	26.855	29.106	26.851	124.7	10.321	.0	1479.9	3009.7	17.7
500.0	497.0	5.422	5.380	34.045	26.874	29.172	26.869	122.9	10.444	.0	1479.6	3112.7	10.6
510.0	506.9	5.332	5.290	34.053	26.891	29.236	26.886	121.3	10.566	.0	1479.4	3216.9	11.5
520.0	516.8	5.224	5.182	34.060	26.909	29.300	26.904	119.6	10.687	.0	1479.2	3322.3	20.0
530.0	526.7	5.149	5.107	34.067	26.923	29.361	26.918	118.3	10.806	.0	1479.0	3428.8	19.1
540.0	536.7	5.063	5.020	34.077	26.942	29.427	26.937	116.6	10.923	.0	1478.9	3536.6	17.0
550.0	546.6	5.008	4.964	34.083	26.952	29.484	26.947	115.6	11.039	.0	1478.8	3645.5	11.2
560.0	556.5	4.920	4.876	34.096	26.972	29.551	26.967	113.7	11.154	.0	1478.6	3755.5	9.7
570.0	566.4	4.846	4.802	34.107	26.990	29.615	26.985	112.1	11.267	.0	1478.5	3866.7	9.1
580.0	576.3	4.815	4.770	34.114	26.999	29.670	26.994	111.3	11.378	.0	1478.5	3978.9	11.5
590.0	586.2	4.803	4.757	34.134	27.017	29.734	27.011	109.8	11.489	.0	1478.7	4092.3	13.5
600.0	596.1	4.727	4.681	34.137	27.027	29.792	27.022	108.7	11.598	.0	1478.5	4206.7	10.3
610.0	606.1	4.716	4.668	34.140	27.031	29.841	27.026	108.5	11.707	.0	1478.7	4322.2	5.6
620.0	616.0	4.705	4.657	34.144	27.035	29.892	27.030	108.1	11.815	.0	1478.8	4438.8	3.3
630.0	625.9	4.673	4.624	34.154	27.047	29.949	27.042	107.1	11.923	.0	1478.8	4556.4	33.1
640.0	635.8	4.635	4.585	34.169	27.063	30.011	27.057	105.7	12.029	.0	1478.9	4675.1	11.5
650.0	645.7	4.618	4.568	34.178	27.072	30.066	27.066	104.9	12.134	.0	1479.0	4794.9	8.8
660.0	655.6	4.591	4.541	34.191	27.086	30.126	27.080	103.7	12.239	.0	1479.0	4915.6	10.6
670.0	665.5	4.581	4.529	34.205	27.097	30.184	27.092	102.7	12.342	.0	1479.2	5037.4	20.3
680.0	675.4	4.543	4.491	34.222	27.115	30.248	27.109	101.1	12.444	.0	1479.2	5160.2	18.8
690.0	685.3	4.523	4.470	34.228	27.123	30.302	27.117	100.4	12.545	.0	1479.3	5284.0	7.4
700.0	695.2	4.506	4.452	34.240	27.134	30.359	27.128	99.4	12.644	.0	1479.4	5408.8	19.7
710.0	705.2	4.434	4.379	34.252	27.152	30.424	27.146	97.7	12.743	.0	1479.3	5534.5	13.8
720.0	715.1	4.405	4.350	34.263	27.163	30.481	27.157	96.7	12.840	.0	1479.3	5661.3	11.8
730.0	725.0	4.372	4.317	34.271	27.173	30.538	27.167	95.8	12.936	.0	1479.4	5788.9	1.8
740.0	734.9	4.343	4.286	34.282	27.185	30.596	27.179	94.7	13.032	.0	1479.4	5917.5	10.9
750.0	744.8	4.326	4.269	34.298	27.200	30.656	27.194	93.5	13.126	.0	1479.5	6047.1	7.7
760.0	754.7	4.292	4.234	34.312	27.214	30.717	27.208	92.2	13.219	.0	1479.6	6177.5	17.7
770.0	764.6	4.244	4.186	34.318	27.224	30.774	27.218	91.2	13.311	.0	1479.6	6308.9	10.0
780.0	774.5	4.212	4.154	34.323	27.232	30.827	27.226	90.6	13.402	.0	1479.6	6441.2	6.8
790.0	784.4	4.169	4.110	34.336	27.247	30.889	27.241	89.2	13.491	.0	1479.6	6574.3	9.5
800.0	794.3	4.153	4.093	34.342	27.253	30.941	27.247	88.7	13.580	.0	1479.7	6708.3	8.0
810.0	804.2	4.116	4.055	34.350	27.264	30.998	27.257	87.7	13.669	.0	1479.7	6843.2	5.4
820.0	814.1	4.100	4.038	34.355	27.269	31.049	27.263	87.3	13.756	.0	1479.8	6979.0	9.5
830.0	824.0	4.067	4.005	34.363	27.279	31.106	27.273	86.3	13.843	.0	1479.9	7115.6	15.6
840.0	833.9	4.023	3.960	34.373	27.292	31.165	27.285	85.1	13.929	.0	1479.9	7253.1	11.8
850.0	843.8	3.999	3.936	34.381	27.300	31.220	27.294	84.4	14.013	.0	1479.9	7391.4	10.7
860.0	853.7	3.970	3.906	34.387	27.308	31.274	27.302	83.7	14.097	.0	1480.0	7530.5	8.6
870.0	863.6	3.949	3.884	34.393	27.315	31.327	27.309	83.1	14.181	.0	1480.1	7670.4	1.6
880.0	873.5	3.927	3.862	34.398	27.321	31.379	27.315	82.5	14.263	.0	1480.1	7811.2	4.5
890.0	883.4	3.910	3.844	34.402	27.327	31.431	27.320	82.1	14.346	.0	1480.2	7952.8	10.4
900.0	893.3	3.870	3.804	34.409	27.336	31.487	27.330	81.2	14.427	.0	1480.3	8095.1	9.5
910.0	903.2	3.872	3.805	34.417	27.343	31.539	27.336	80.7	14.508	.0	1480.4	8238.3	7.8
920.0	913.1	3.835	3.767	34.420	27.349	31.591	27.342	80.2	14.589	.0	1480.4	8382.3	8.3
930.0	923.0	3.807	3.739	34.424	27.355	31.644	27.348	79.6	14.669	.0	1480.5	8527.0	6.9
940.0	932.8	3.798	3.729	34.430	27.361	31.696	27.354	79.1	14.748	.0	1480.6	8672.5	6.9
950.0	942.7	3.770	3.701	34.436	27.368	31.749	27.361	78.5	14.827	.0	1480.7	8818.8	8.7
960.0	952.6	3.758	3.688	34.439	27.372	31.799	27.365	78.1	14.905	.0	1480.8	8965.9	9.2
970.0	962.5	3.727	3.656	34.445	27.380	31.853	27.373	77.4	14.983	.0	1480.8	9113.7	8.1
980.0	972.4	3.720	3.648	34.450	27.385	31.904	27.377	77.1	15.060	.0	1481.0	9262.3	6.6
990.0	982.3	3.703	3.631	34.453	27.389	31.954	27.381	76.7	15.137	.0	1481.1	9411.7	6.0

Station 28 Latitude 31° 59.54'N Longitude 128° 01.65'W 29 Apr 1991 GMT 13:05 Bottom 4150 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.669	3.596	34.458	27.396	32.007	27.388	76.1	15.214	.0	1481.1	9561.8	7.8
1020.0	1012.0	3.602	3.528	34.468	27.411	32.116	27.404	74.6	15.364	.0	1481.2	9864.2	6.0
1040.0	1031.8	3.542	3.466	34.475	27.423	32.220	27.415	73.6	15.512	.0	1481.3	10169.5	8.1
1060.0	1051.5	3.483	3.407	34.484	27.435	32.325	27.428	72.4	15.658	.0	1481.4	10477.8	3.1
1080.0	1071.3	3.458	3.380	34.491	27.443	32.425	27.436	71.8	15.802	.0	1481.6	10788.8	4.6
1100.0	1091.1	3.419	3.340	34.498	27.452	32.527	27.445	71.0	15.945	.0	1481.8	11102.7	3.4
1120.0	1110.8	3.386	3.306	34.502	27.459	32.625	27.451	70.4	16.087	.0	1482.0	11419.3	4.6
1140.0	1130.6	3.340	3.258	34.506	27.466	32.725	27.459	69.8	16.227	.0	1482.1	11738.7	4.0
1160.0	1150.4	3.294	3.211	34.511	27.476	32.827	27.468	68.9	16.365	.0	1482.2	12060.8	3.8
1180.0	1170.2	3.250	3.165	34.515	27.483	32.927	27.475	68.3	16.503	.0	1482.4	12385.6	7.0
1200.0	1189.9	3.218	3.132	34.516	27.487	33.023	27.479	67.9	16.639	.0	1482.6	12713.1	7.6
1220.0	1209.7	3.174	3.087	34.521	27.495	33.123	27.487	67.2	16.774	.0	1482.7	13043.2	-.3
1240.0	1229.4	3.137	3.049	34.527	27.503	33.223	27.494	66.5	16.908	.0	1482.9	13376.0	2.9
1260.0	1249.2	3.097	3.008	34.531	27.510	33.323	27.502	65.9	17.040	.0	1483.1	13711.3	5.6
1280.0	1268.9	3.080	2.990	34.536	27.515	33.420	27.507	65.4	17.172	.0	1483.3	14049.2	4.4
1300.0	1288.7	3.051	2.959	34.540	27.521	33.518	27.513	65.0	17.302	.0	1483.6	14389.7	3.3
1320.0	1308.4	3.025	2.931	34.542	27.525	33.614	27.517	64.6	17.432	.0	1483.8	14732.7	3.9
1340.0	1328.2	2.989	2.895	34.542	27.529	33.710	27.521	64.3	17.561	.0	1484.0	15078.2	1.2
1360.0	1347.9	2.960	2.864	34.547	27.536	33.808	27.527	63.8	17.689	.0	1484.2	15426.2	1.2
1380.0	1367.7	2.920	2.823	34.549	27.541	33.906	27.532	63.3	17.816	.0	1484.3	15776.7	3.0
1400.0	1387.4	2.890	2.792	34.553	27.547	34.003	27.538	62.8	17.942	.0	1484.5	16129.7	7.7
1420.0	1407.2	2.866	2.766	34.556	27.552	34.100	27.543	62.4	18.067	.0	1484.8	16485.1	3.6
1440.0	1426.9	2.838	2.737	34.560	27.558	34.198	27.549	61.8	18.191	.0	1485.0	16843.0	6.0
1460.0	1446.6	2.793	2.690	34.563	27.564	34.297	27.555	61.2	18.314	.0	1485.1	17203.2	5.4
1480.0	1466.4	2.747	2.643	34.567	27.571	34.396	27.562	60.5	18.436	.0	1485.3	17565.8	1.3
1500.0	1486.1	2.706	2.601	34.570	27.577	34.495	27.568	59.9	18.556	.0	1485.4	17930.8	1.0
1520.0	1505.8	2.673	2.567	34.572	27.582	34.591	27.573	59.5	18.676	.0	1485.6	18298.1	2.8
1540.0	1525.6	2.649	2.542	34.574	27.585	34.686	27.576	59.2	18.795	.0	1485.9	18667.7	3.1
1560.0	1545.3	2.607	2.499	34.577	27.592	34.785	27.582	58.6	18.912	.0	1486.0	19039.7	2.2
1580.0	1565.0	2.568	2.459	34.580	27.597	34.883	27.588	58.0	19.029	.0	1486.2	19413.9	3.1
1600.0	1584.7	2.535	2.424	34.582	27.602	34.980	27.593	57.5	19.144	.0	1486.4	19790.3	2.5
1620.0	1604.5	2.508	2.396	34.584	27.606	35.076	27.596	57.2	19.259	.0	1486.6	20169.0	2.6
1640.0	1624.2	2.475	2.362	34.587	27.611	35.173	27.602	56.7	19.373	.0	1486.8	20549.9	.5
1660.0	1643.9	2.454	2.340	34.589	27.615	35.268	27.605	56.4	19.486	.0	1487.0	20933.0	-.1
1680.0	1663.6	2.426	2.310	34.591	27.619	35.363	27.609	56.0	19.599	.0	1487.3	21318.2	4.9
1700.0	1683.3	2.405	2.288	34.592	27.622	35.458	27.612	55.7	19.710	.0	1487.5	21705.7	.6
1720.0	1703.0	2.386	2.267	34.594	27.625	35.553	27.615	55.5	19.822	.0	1487.8	22095.3	2.9
1740.0	1722.7	2.361	2.240	34.597	27.629	35.648	27.619	55.1	19.932	.0	1488.0	22487.1	1.5
1760.0	1742.4	2.346	2.224	34.598	27.631	35.742	27.621	55.0	20.042	.0	1488.2	22881.0	2.1
1780.0	1762.2	2.326	2.203	34.599	27.634	35.836	27.624	54.7	20.152	.0	1488.5	23277.0	1.8
1800.0	1781.9	2.299	2.175	34.602	27.639	35.932	27.628	54.3	20.261	.0	1488.7	23675.1	3.0
1820.0	1801.6	2.273	2.147	34.603	27.642	36.027	27.632	54.0	20.369	.0	1488.9	24075.4	.9
1840.0	1821.3	2.247	2.120	34.605	27.646	36.122	27.636	53.6	20.477	.0	1489.2	24477.7	4.2
1860.0	1841.0	2.228	2.100	34.607	27.649	36.217	27.639	53.3	20.584	.0	1489.4	24882.1	-.2
1880.0	1860.7	2.192	2.062	34.611	27.655	36.314	27.644	52.7	20.690	.0	1489.6	25288.6	4.8
1900.0	1880.3	2.171	2.041	34.612	27.658	36.409	27.648	52.4	20.795	.0	1489.9	25697.1	2.5
1920.0	1900.0	2.150	2.018	34.614	27.661	36.503	27.650	52.1	20.900	.0	1490.1	26107.7	3.3
1940.0	1919.7	2.132	1.998	34.616	27.664	36.597	27.653	51.9	21.004	.0	1490.4	26520.2	1.3
1960.0	1939.4	2.115	1.980	34.617	27.667	36.691	27.656	51.6	21.107	.0	1490.6	26934.8	-1.6
1980.0	1959.1	2.100	1.963	34.619	27.670	36.785	27.659	51.4	21.210	.0	1490.9	27351.3	1.9
2000.0	1978.8	2.086	1.948	34.620	27.671	36.877	27.660	51.3	21.313	.0	1491.2	27769.9	1.9
2050.0	2028.0	2.045	1.903	34.625	27.679	37.112	27.668	50.6	21.568	.0	1491.8	28824.8	2.9
2096.0	2073.3	2.008	1.863	34.629	27.685	37.327	27.674	50.1	21.799	.0	1492.4	29806.2	.0

Station 29 Latitude 32° 12.92'N Longitude 127° 54.86'W 29 Apr 1991 GMT 16:01 Bottom 4225 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
2.0	2.0	15.472	15.472	33.313	24.569	24.578	24.569	335.8	.067	.0	1506.8	.1	-2.1
12.0	12.0	15.473	15.471	33.325	24.579	24.631	24.578	335.3	.403	.0	1507.0	2.4	-1.0
22.0	21.9	15.474	15.471	33.326	24.580	24.676	24.579	335.5	.738	.0	1507.2	8.1	-.1
32.0	31.9	15.476	15.471	33.326	24.580	24.721	24.578	335.8	1.074	.0	1507.4	17.1	2.3
42.0	41.8	15.446	15.440	33.464	24.692	24.877	24.691	325.4	1.408	.0	1507.6	29.5	168.0
52.0	51.8	15.470	15.462	33.485	24.703	24.932	24.701	324.6	1.732	.0	1507.9	45.1	5.8
62.0	61.8	15.488	15.478	33.510	24.719	24.992	24.717	323.5	2.057	.0	1508.1	64.0	39.5
72.0	71.7	16.099	16.088	33.747	24.765	25.081	24.763	319.5	2.378	.0	1510.5	86.1	63.4
82.0	81.7	16.005	15.993	33.763	24.799	25.159	24.796	316.6	2.696	.0	1510.4	111.3	14.5
92.0	91.6	16.044	16.029	33.792	24.813	25.217	24.810	315.5	3.012	.0	1510.7	139.8	8.6
102.0	101.6	16.149	16.133	33.836	24.823	25.270	24.819	314.9	3.327	.0	1511.2	171.3	14.2
112.0	111.6	15.991	15.973	33.822	24.849	25.340	24.845	312.8	3.641	.0	1510.9	206.0	28.8
122.0	121.5	15.049	15.030	33.710	24.972	25.509	24.968	301.2	3.951	.0	1507.9	243.8	288.7
132.0	131.5	13.781	13.763	33.566	25.128	25.713	25.125	286.3	4.243	.0	1503.8	284.6	189.8
142.0	141.4	12.955	12.935	33.617	25.335	25.966	25.331	266.8	4.519	.0	1501.3	328.2	121.1
152.0	151.4	12.373	12.353	33.582	25.421	26.099	25.417	258.6	4.781	.0	1499.4	374.5	81.8
162.0	161.3	11.138	11.118	33.442	25.542	26.268	25.538	247.1	5.033	.0	1495.1	423.3	108.2
172.0	171.3	10.369	10.349	33.412	25.654	26.428	25.650	236.4	5.275	.0	1492.5	474.6	105.7
182.0	181.2	9.855	9.834	33.470	25.785	26.606	25.782	223.9	5.506	.0	1490.9	528.2	144.8
192.0	191.1	9.575	9.554	33.541	25.887	26.754	25.884	214.3	5.724	.0	1490.1	584.1	71.0
202.0	201.1	9.292	9.270	33.622	25.996	26.910	25.993	204.1	5.935	.0	1489.3	642.0	139.2
212.0	211.0	9.061	9.038	33.696	26.092	27.051	26.088	195.2	6.136	.0	1488.7	702.0	133.6
222.0	221.0	8.946	8.923	33.789	26.183	27.188	26.179	186.7	6.327	.0	1488.5	764.0	86.7
232.0	230.9	8.765	8.741	33.842	26.252	27.303	26.248	180.2	6.511	.0	1488.1	827.8	40.7
242.0	240.9	8.615	8.590	33.897	26.319	27.416	26.315	174.0	6.688	.0	1487.8	893.4	46.0
252.0	250.8	8.543	8.517	33.919	26.347	27.489	26.343	171.5	6.861	.0	1487.7	960.7	31.9
262.0	260.7	8.397	8.370	33.955	26.398	27.587	26.394	166.8	7.030	.0	1487.3	1029.7	36.6
272.0	270.7	8.231	8.203	33.975	26.439	27.674	26.435	163.0	7.195	.0	1486.9	1100.3	44.4
282.0	280.6	8.098	8.070	33.987	26.469	27.749	26.464	160.3	7.357	.0	1486.6	1172.6	53.5
292.0	290.5	7.858	7.829	33.998	26.512	27.840	26.508	156.2	7.515	.0	1485.8	1246.5	14.5
302.0	300.5	7.717	7.687	34.000	26.534	27.908	26.530	154.2	7.670	.0	1485.4	1321.9	29.4
312.0	310.4	7.578	7.548	33.998	26.553	27.973	26.549	152.5	7.824	.0	1485.1	1398.8	8.3
322.0	320.3	7.462	7.431	33.997	26.569	28.036	26.565	151.1	7.976	.0	1484.8	1477.3	13.3
332.0	330.3	7.305	7.273	33.998	26.592	28.105	26.587	149.0	8.126	.0	1484.3	1557.2	11.5
342.0	340.2	7.221	7.188	33.997	26.603	28.162	26.598	148.0	8.274	.0	1484.2	1638.6	31.1
352.0	350.1	7.046	7.013	34.000	26.629	28.235	26.625	145.6	8.421	.0	1483.6	1721.5	11.5
362.0	360.0	6.944	6.910	33.999	26.643	28.295	26.638	144.3	8.566	.0	1483.4	1805.8	17.9
372.0	370.0	6.846	6.812	34.001	26.658	28.357	26.653	143.0	8.710	.0	1483.2	1891.6	12.9
382.0	379.9	6.729	6.694	34.005	26.677	28.422	26.672	141.3	8.852	.0	1482.9	1978.8	7.9
392.0	389.8	6.707	6.671	34.005	26.680	28.471	26.675	141.1	8.993	.0	1483.0	2067.3	15.5
402.0	399.7	6.582	6.545	34.010	26.700	28.538	26.695	139.2	9.133	.0	1482.6	2157.3	17.6
412.0	409.7	6.461	6.424	34.014	26.719	28.603	26.714	137.5	9.272	.0	1482.3	2248.6	30.4
422.0	419.6	6.246	6.209	34.024	26.755	28.687	26.750	134.0	9.408	.0	1481.7	2341.3	27.2
432.0	429.5	6.099	6.061	34.028	26.777	28.756	26.772	132.0	9.540	.0	1481.2	2435.3	14.8
442.0	439.4	5.963	5.925	34.037	26.801	28.828	26.797	129.6	9.672	.0	1480.9	2530.6	40.3
452.0	449.4	5.865	5.827	34.043	26.819	28.892	26.814	128.1	9.800	.0	1480.6	2627.2	6.9
462.0	459.3	5.796	5.757	34.045	26.828	28.948	26.823	127.2	9.928	.0	1480.5	2725.1	13.6
472.0	469.2	5.753	5.713	34.047	26.835	29.001	26.831	126.6	10.055	.0	1480.5	2824.2	21.5
482.0	479.1	5.618	5.578	34.052	26.855	29.068	26.851	124.7	10.181	.0	1480.1	2924.6	20.6
492.0	489.0	5.540	5.499	34.055	26.868	29.127	26.863	123.6	10.304	.0	1480.0	3026.2	8.9
502.0	499.0	5.448	5.406	34.067	26.888	29.194	26.883	121.7	10.427	.0	1479.8	3129.0	21.5
512.0	508.9	5.368	5.326	34.072	26.901	29.254	26.896	120.4	10.548	.0	1479.6	3233.0	5.1
522.0	518.8	5.245	5.203	34.073	26.917	29.317	26.912	119.0	10.668	.0	1479.3	3338.2	21.5
532.0	528.7	5.127	5.084	34.074	26.931	29.379	26.927	117.5	10.786	.0	1479.0	3444.6	4.7
542.0	538.6	5.065	5.022	34.081	26.944	29.438	26.939	116.4	10.903	.0	1478.9	3552.2	10.6
552.0	548.5	5.022	4.978	34.091	26.957	29.497	26.952	115.2	11.019	.0	1478.9	3660.8	16.7
562.0	558.5	4.949	4.904	34.103	26.975	29.563	26.970	113.5	11.133	.0	1478.8	3770.7	20.0
572.0	568.4	4.883	4.838	34.113	26.990	29.624	26.986	112.1	11.246	.0	1478.7	3881.6	16.1
582.0	578.3	4.846	4.800	34.123	27.003	29.683	26.998	111.0	11.358	.0	1478.7	3993.7	12.9
592.0	588.2	4.804	4.758	34.136	27.018	29.744	27.013	109.7	11.468	.0	1478.7	4106.8	22.3
602.0	598.1	4.772	4.725	34.149	27.032	29.805	27.027	108.4	11.577	.0	1478.8	4221.0	11.5
612.0	608.0	4.725	4.678	34.163	27.049	29.867	27.043	106.9	11.685	.0	1478.8	4336.3	18.8
622.0	617.9	4.686	4.638	34.178	27.065	29.930	27.059	105.4	11.791	.0	1478.8	4452.6	17.9
632.0	627.8	4.634	4.585	34.194	27.083	29.995	27.078	103.7	11.895	.0	1478.8	4570.0	14.1
642.0	637.8	4.621	4.572	34.201	27.090	30.047	27.084	103.2	11.999	.0	1478.9	4688.4	25.5
652.0	647.7	4.591	4.541	34.216	27.105	30.109	27.100	101.8	12.101	.0	1478.9	4807.8	27.0
662.0	657.6	4.570	4.518	34.227	27.116	30.166	27.111	100.8	12.203	.0	1479.0	4928.3	8.0
672.0	667.5	4.529	4.477	34.240	27.132	30.228	27.126	99.4	12.303	.0	1479.0	5049.7	9.7
682.0	677.4	4.499	4.446	34.249	27.142	30.284	27.136	98.5	12.402	.0	1479.1	5172.0	13.2
692.0	687.3	4.469	4.416	34.258	27.152	30.341	27.146	97.6	12.500	.0	1479.1	5295.4	9.7
702.0	697.2	4.451	4.397	34.268	27.162	30.397	27.156	96.7	12.597	.0	1479.2	5419.7	15.3
712.0	707.1	4.417	4.363	34.281	27.177	30.458	27.171	95.4	12.693	.0	1479.3	5545.0	10.3
722.0	717.0	4.390	4.335	34.291	27.187	30.514	27.181	94.5	12.788	.0	1479.3	5671.2	17.7
732.0	726.9	4.362	4.306	34.293	27.192	30.565	27.186	94.1	12.882	.0	1479.4	5798.3	5.6
742.0	736.8	4.316	4.260	34.300	27.202	30.622	27.196	93.2	12.976	.0	1479.4	5926.4	20.0
752.0	746.7	4.299	4.242	34.311	27.213	30.679	27.207	92.2	13.069	.0	1479.5	6055.4	8.6
762.0	756.6	4.278	4.220	34.321	27.223	30.735	27.217	91.3	13.160	.0	1479.6	6185.2	20.9
772.0	766.5	4.231	4.173	34.330	27.235	30.794	27.229	90.2	13.251	.0	1479.6	6316.0	15.3
782.0	776.4	4.183	4.124	34.334	27.244	30.849	27.238	89.4	13.341	.0	1479.5	6447.7	2.7
792.0	786.3	4.158	4.099	34.344	27.254	30.905	27.248	88.5	13.430	.0	1479.6	6580.2	4.5
802.0	796.2	4.145	4.085	34.348	27.259	30.956	27.252	88.1	13.518	.0	1479.7	6713.6	6.5
812.0	806.1	4.110	4.049	34.355	27.268	31.012	27.261	87.3	13.606	.0	1479.7	6847.9	10.1
822.0	816.0	4.071	4.009	34.363	27.279	31.069	27.272	86.3	13.693	.0	1479.7	6983.0	6.5
832.0	825.9	4.077	4.015	34.372	27.285	31.121	27.279	85.8	13.778	.0	1480.0	7119.0	3.0
842.0	835.8	4.059	3.996	34.379	27.292	31.174	27.286	85.2	13.864	.0	1480.1	7255.8	9.8
852.0	845.7	4.050	3.986	34.383	27.297	31.225	27.291	84.8	13.949	.0	1480.2	7393.5	8.9
862.0	855.6	4.005	3.941	34.389	27.306	31.281	27.300	84.0	14.033	.0	1480.2	7532.0	4.8
872.0	865.5	3.990	3.925	34.394	27.312	31.332	27.305	83.5	14.117	.0	1480.3	7671.3	5.1
882.0	875.4	3.973	3.907	34.396	27.315	31.382	27.309	83.2	14.201	.0	1480.4	7811.4	.4
892.0	885.3	3.961	3.895	34.401	27.321	31.433	27.314	82.8	14.283	.0	1480.5	7952.3	6.6
902.0	895.2	3.934	3.866	34.410	27.330	31.489	27.323	81.9	14.366	.0	1480.6	8094.1	10.7
912.0	905.1	3.904	3.837	34.416	27.338	31.543	27.331	81.2	14.448	.0	1480.6	8236.7	7.5
922.0	915.0	3.886	3.817	34.419	27.343	31.594	27.336	80.8	14.529	.0	1480.7	8380.0	11.6
932.0	924.9	3.867	3.798	34.425	27.350	31.646	27.343	80.3	14.609	.0	1480.8	8524.2	5.1
942.0	934.8	3.847	3.778	34.429	27.355	31.698	27.348	79.8	14.689	.0	1480.9	8669.1	4.0
952.0	944.7	3.837	3.766	34.432	27.358	31.747	27.351	79.5	14.769	.0	1481.0	8814.8	6.9
962.0	954.6	3.807	3.736	34.438	27.366	31.801	27.359	78.8	14.848	.0	1481.0	8961.3	5.7
972.0	964.5	3.799	3.728	34.443	27.371	31.851	27.363	78.5	14.927	.0	1481.2	9108.6	5.8
982.0	974.4	3.782	3.710	34.446	27.375	31.902	27.368	78.1	15.005	.0	1481.3	9256.6	4.9
992.0	984.3	3.757	3.684	34.451	27.382	31.955	27.374	77.5	15.083	.0	1481.3	9405.4	11.9

Station 29 Latitude 32° 12.92'N Longitude 127° 54.86'W 29 Apr 1991 GMT 16:01 Bottom 4225 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1002.0	994.2	3.729	3.655	34.457	27.389	32.008	27.382	76.9	15.160	.0	1481.4	9555.0	6.6
1022.0	1013.9	3.667	3.592	34.466	27.403	32.115	27.395	75.6	15.313	.0	1481.5	9856.4	5.2
1042.0	1033.7	3.627	3.551	34.470	27.410	32.214	27.403	75.0	15.463	.0	1481.6	10160.7	1.4
1062.0	1053.5	3.581	3.503	34.474	27.418	32.314	27.410	74.3	15.612	.0	1481.8	10468.0	2.0
1082.0	1073.3	3.528	3.449	34.479	27.427	32.417	27.420	73.4	15.760	.0	1481.9	10778.1	3.7
1102.0	1093.0	3.494	3.414	34.483	27.434	32.515	27.426	72.9	15.906	.0	1482.1	11091.2	7.6
1122.0	1112.8	3.453	3.372	34.492	27.445	32.619	27.437	71.9	16.051	.0	1482.3	11407.1	3.2
1142.0	1132.6	3.427	3.344	34.499	27.453	32.718	27.445	71.3	16.194	.0	1482.5	11725.8	2.6
1162.0	1152.3	3.384	3.300	34.501	27.459	32.817	27.451	70.7	16.336	.0	1482.6	12047.3	2.0
1182.0	1172.1	3.359	3.274	34.509	27.468	32.918	27.460	70.0	16.477	.0	1482.9	12371.6	9.4
1202.0	1191.9	3.320	3.233	34.515	27.477	33.018	27.468	69.2	16.616	.0	1483.0	12698.6	11.7
1222.0	1211.6	3.271	3.184	34.516	27.482	33.116	27.474	68.7	16.754	.0	1483.2	13028.3	4.1
1242.0	1231.4	3.229	3.140	34.524	27.492	33.219	27.484	67.8	16.891	.0	1483.3	13360.6	7.9
1262.0	1251.1	3.207	3.116	34.528	27.498	33.316	27.489	67.4	17.026	.0	1483.6	13695.7	7.4
1282.0	1270.9	3.167	3.075	34.532	27.504	33.415	27.496	66.8	17.160	.0	1483.7	14033.3	4.4
1302.0	1290.6	3.145	3.052	34.534	27.508	33.511	27.500	66.5	17.293	.0	1484.0	14373.6	1.5
1322.0	1310.4	3.100	3.006	34.536	27.514	33.609	27.506	65.9	17.426	.0	1484.1	14716.4	3.0
1342.0	1330.1	3.067	2.971	34.539	27.520	33.706	27.511	65.5	17.557	.0	1484.3	15061.8	5.1
1362.0	1349.9	3.030	2.933	34.543	27.526	33.805	27.517	64.9	17.687	.0	1484.5	15409.8	4.5
1382.0	1369.6	2.997	2.899	34.545	27.531	33.902	27.522	64.5	17.816	.0	1484.7	15760.3	.7
1402.0	1389.4	2.971	2.872	34.547	27.535	33.997	27.526	64.2	17.945	.0	1484.9	16113.3	6.3
1422.0	1409.1	2.936	2.835	34.548	27.539	34.094	27.530	63.7	18.073	.0	1485.1	16468.8	3.1
1442.0	1428.8	2.912	2.810	34.551	27.544	34.190	27.535	63.4	18.200	.0	1485.3	16826.8	4.2
1462.0	1448.6	2.886	2.783	34.554	27.549	34.287	27.539	63.0	18.326	.0	1485.6	17187.2	1.3
1482.0	1468.3	2.856	2.752	34.557	27.554	34.383	27.544	62.5	18.452	.0	1485.8	17550.1	1.9
1502.0	1488.1	2.817	2.711	34.561	27.561	34.483	27.551	61.9	18.576	.0	1485.9	17915.4	5.4
1522.0	1507.8	2.783	2.676	34.563	27.566	34.580	27.556	61.4	18.699	.0	1486.1	18283.2	2.8
1542.0	1527.5	2.752	2.644	34.565	27.570	34.676	27.561	61.0	18.822	.0	1486.3	18653.3	2.2
1562.0	1547.2	2.716	2.606	34.568	27.576	34.774	27.566	60.5	18.943	.0	1486.5	19025.8	.5
1582.0	1567.0	2.677	2.566	34.570	27.581	34.871	27.571	60.0	19.064	.0	1486.7	19400.6	5.2
1602.0	1586.7	2.650	2.538	34.573	27.585	34.967	27.575	59.6	19.184	.0	1486.9	19777.8	4.9
1622.0	1606.4	2.628	2.514	34.576	27.590	35.063	27.580	59.2	19.302	.0	1487.1	20157.3	2.9
1642.0	1626.1	2.598	2.483	34.579	27.595	35.160	27.585	58.7	19.420	.0	1487.3	20539.1	4.1
1662.0	1645.8	2.561	2.445	34.581	27.600	35.257	27.590	58.2	19.537	.0	1487.5	20923.1	2.6
1682.0	1665.6	2.535	2.418	34.585	27.605	35.354	27.595	57.8	19.653	.0	1487.7	21309.5	2.0
1702.0	1685.3	2.514	2.395	34.585	27.607	35.447	27.597	57.6	19.769	.0	1488.0	21698.0	6.7
1722.0	1705.0	2.477	2.357	34.589	27.613	35.546	27.603	57.0	19.883	.0	1488.2	22088.8	1.2
1742.0	1724.7	2.437	2.315	34.591	27.618	35.643	27.608	56.5	19.997	.0	1488.3	22481.8	9.7
1762.0	1744.4	2.422	2.300	34.591	27.620	35.736	27.610	56.4	20.110	.0	1488.6	22877.0	.0
1782.0	1764.1	2.400	2.276	34.594	27.624	35.831	27.614	56.0	20.222	.0	1488.8	23274.4	.9
1802.0	1783.8	2.371	2.245	34.595	27.628	35.926	27.617	55.6	20.334	.0	1489.1	23674.0	2.4
1822.0	1803.5	2.346	2.219	34.597	27.632	36.022	27.621	55.3	20.445	.0	1489.3	24075.7	-1.1
1842.0	1823.2	2.323	2.195	34.600	27.635	36.117	27.625	54.9	20.555	.0	1489.5	24479.5	5.1
1862.0	1842.9	2.287	2.158	34.602	27.640	36.214	27.630	54.4	20.664	.0	1489.7	24885.5	3.3
1882.0	1862.6	2.258	2.128	34.604	27.645	36.310	27.634	54.0	20.773	.0	1489.9	25293.5	7.1
1902.0	1882.3	2.236	2.104	34.608	27.649	36.406	27.638	53.6	20.880	.0	1490.2	25703.7	1.3
1922.0	1902.0	2.199	2.066	34.610	27.654	36.503	27.644	53.0	20.987	.0	1490.3	26115.9	1.0
1942.0	1921.7	2.169	2.035	34.613	27.659	36.599	27.648	52.6	21.092	.0	1490.5	26530.2	.7
1962.0	1941.4	2.143	2.007	34.615	27.663	36.695	27.652	52.2	21.197	.0	1490.8	26946.5	.7
1982.0	1961.1	2.120	1.983	34.618	27.667	36.790	27.656	51.8	21.301	.0	1491.0	27364.8	1.9
2002.0	1980.7	2.101	1.963	34.620	27.670	36.884	27.659	51.5	21.404	.0	1491.3	27785.1	-.4
2052.0	2029.9	2.057	1.915	34.623	27.677	37.118	27.665	50.9	21.660	.0	1491.9	28844.6	1.7
2096.0	2073.2	2.019	1.874	34.628	27.683	37.325	27.672	50.3	21.883	.0	1492.5	29787.1	.0

Station 30 Latitude 32° 19.55'N Longitude 127° 51.55'W 29 Apr 1991 GMT 8:19 Bottom 3535 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
2.0	2.0	15.029	15.029	33.185	24.567	24.576	24.567	336.1	.067	.0	1505.3	.1	-2.5
12.0	12.0	15.030	15.028	33.183	24.566	24.619	24.566	336.4	.403	.0	1505.5	2.4	2.8
22.0	21.9	15.029	15.025	33.183	24.567	24.664	24.566	336.7	.740	.0	1505.6	8.1	3.1
32.0	31.9	15.023	15.018	33.183	24.568	24.710	24.567	336.8	1.077	.0	1505.8	17.2	-.7
42.0	41.8	14.484	14.478	33.149	24.658	24.844	24.656	328.6	1.411	.0	1504.1	29.6	58.6
52.0	51.8	14.162	14.155	33.123	24.705	24.935	24.704	324.3	1.737	.0	1503.2	45.2	17.3
62.0	61.8	14.165	14.156	33.144	24.721	24.996	24.719	323.1	2.060	.0	1503.4	64.1	11.1
72.0	71.7	14.421	14.410	33.232	24.736	25.055	24.734	322.0	2.383	.0	1504.5	86.3	12.4
82.0	81.7	14.427	14.415	33.239	24.740	25.103	24.738	321.9	2.705	.0	1504.7	111.6	7.1
92.0	91.7	14.271	14.258	33.217	24.756	25.163	24.753	320.6	3.026	.0	1504.4	140.1	18.8
102.0	101.6	14.332	14.317	33.267	24.782	25.234	24.779	318.4	3.345	.0	1504.8	171.9	35.2
112.0	111.6	14.033	14.017	33.254	24.835	25.331	24.831	313.7	3.662	.0	1503.9	206.8	97.5
122.0	121.5	12.717	12.701	33.106	24.985	25.529	24.982	299.3	3.969	.0	1499.5	244.8	255.1
132.0	131.5	11.724	11.708	33.054	25.132	25.723	25.129	285.3	4.260	.0	1496.2	285.7	166.5
142.0	141.4	10.841	10.824	33.053	25.291	25.930	25.288	270.2	4.537	.0	1493.2	329.5	94.6
152.0	151.4	10.379	10.361	33.080	25.393	26.077	25.389	260.7	4.802	.0	1491.8	376.0	62.0
162.0	161.3	9.990	9.971	33.151	25.513	26.244	25.510	249.3	5.056	.0	1490.6	425.0	33.2
172.0	171.3	9.780	9.760	33.206	25.592	26.368	25.589	242.0	5.303	.0	1490.1	476.6	99.7
182.0	181.2	9.556	9.536	33.312	25.711	26.534	25.708	230.8	5.541	.0	1489.6	530.5	129.8
192.0	191.2	9.427	9.406	33.390	25.794	26.661	25.790	223.2	5.766	.0	1489.3	586.7	13.8
202.0	201.1	9.207	9.185	33.517	25.928	26.842	25.924	210.5	5.985	.0	1488.8	645.1	166.1
212.0	211.0	9.211	9.188	33.664	26.042	27.001	26.039	199.9	6.191	.0	1489.2	705.7	162.6
222.0	221.0	9.003	8.979	33.778	26.165	27.170	26.162	188.4	6.384	.0	1488.7	768.2	32.5
232.0	230.9	8.743	8.718	33.852	26.264	27.315	26.260	179.1	6.568	.0	1488.0	832.5	38.7
242.0	240.9	8.587	8.562	33.895	26.321	27.418	26.317	173.8	6.744	.0	1487.7	898.7	33.1
252.0	250.8	8.484	8.458	33.918	26.356	27.498	26.352	170.7	6.917	.0	1487.5	966.6	26.0
262.0	260.7	8.406	8.379	33.933	26.379	27.568	26.375	168.6	7.087	.0	1487.3	1036.1	52.7
272.0	270.7	8.234	8.206	33.962	26.428	27.663	26.424	164.0	7.253	.0	1486.9	1107.3	101.8
282.0	280.6	8.059	8.031	33.982	26.470	27.751	26.466	160.1	7.414	.0	1486.4	1180.2	30.1
292.0	290.5	7.896	7.867	33.989	26.500	27.827	26.495	157.4	7.573	.0	1486.0	1254.6	28.6
302.0	300.5	7.848	7.818	34.008	26.522	27.895	26.518	155.5	7.729	.0	1486.0	1330.6	49.1
312.0	310.4	7.628	7.597	34.014	26.558	27.978	26.554	152.1	7.882	.0	1485.3	1408.1	6.9
322.0	320.3	7.569	7.538	34.023	26.574	28.040	26.569	150.7	8.033	.0	1485.2	1487.2	17.7
332.0	330.3	7.329	7.297	34.032	26.615	28.128	26.611	146.8	8.182	.0	1484.5	1567.7	28.8
342.0	340.2	7.175	7.143	34.031	26.636	28.196	26.632	144.9	8.328	.0	1484.0	1649.6	37.5
352.0	350.1	7.047	7.014	34.028	26.651	28.257	26.646	143.5	8.472	.0	1483.7	1733.0	2.7
362.0	360.0	6.785	6.752	34.018	26.679	28.333	26.674	140.8	8.615	.0	1482.8	1817.9	34.5
372.0	370.0	6.532	6.498	34.014	26.709	28.411	26.705	137.9	8.755	.0	1482.0	1904.1	30.4
382.0	379.9	6.434	6.400	34.011	26.720	28.468	26.716	136.9	8.892	.0	1481.7	1991.7	12.5
392.0	389.8	6.347	6.312	34.019	26.737	28.532	26.733	135.3	9.028	.0	1481.6	2080.6	9.3
402.0	399.7	6.168	6.133	34.022	26.763	28.605	26.759	132.9	9.161	.0	1481.0	2170.8	3.7
412.0	409.7	6.132	6.096	34.026	26.771	28.659	26.767	132.2	9.294	.0	1481.0	2262.4	33.9
422.0	419.6	6.028	5.991	34.034	26.791	28.725	26.786	130.4	9.425	.0	1480.8	2355.3	2.2
432.0	429.5	5.923	5.886	34.038	26.807	28.788	26.802	128.9	9.555	.0	1480.5	2449.5	18.6
442.0	439.4	5.847	5.810	34.039	26.817	28.844	26.812	128.0	9.684	.0	1480.4	2544.9	13.6
452.0	449.4	5.726	5.688	34.042	26.834	28.909	26.830	126.4	9.811	.0	1480.1	2641.6	20.3
462.0	459.3	5.624	5.585	34.043	26.848	28.970	26.844	125.1	9.936	.0	1479.8	2739.6	8.9
472.0	469.2	5.531	5.492	34.053	26.867	29.035	26.862	123.4	10.061	.0	1479.6	2838.8	13.6
482.0	479.1	5.401	5.361	34.054	26.883	29.099	26.878	121.8	10.184	.0	1479.3	2939.2	18.5
492.0	489.0	5.348	5.308	34.058	26.893	29.155	26.888	120.9	10.305	.0	1479.2	3040.8	18.5
502.0	499.0	5.270	5.229	34.067	26.909	29.218	26.904	119.4	10.425	.0	1479.1	3143.6	6.2
512.0	508.9	5.205	5.164	34.075	26.923	29.278	26.918	118.2	10.544	.0	1479.0	3247.6	22.3
522.0	518.8	5.112	5.070	34.081	26.939	29.341	26.934	116.7	10.661	.0	1478.8	3352.8	7.4
532.0	528.7	5.087	5.045	34.084	26.944	29.392	26.939	116.3	10.778	.0	1478.8	3459.1	.9
542.0	538.6	4.997	4.954	34.093	26.962	29.456	26.957	114.6	10.893	.0	1478.6	3566.5	13.8
552.0	548.5	4.954	4.910	34.099	26.971	29.513	26.966	113.8	11.007	.0	1478.6	3675.1	9.4
562.0	558.5	4.939	4.894	34.109	26.981	29.568	26.976	113.0	11.121	.0	1478.7	3784.8	22.9
572.0	568.4	4.877	4.832	34.120	26.997	29.631	26.992	111.5	11.233	.0	1478.7	3895.6	3.8
582.0	578.3	4.811	4.766	34.128	27.010	29.691	27.005	110.3	11.344	.0	1478.6	4007.5	21.1
592.0	588.2	4.784	4.738	34.137	27.021	29.748	27.016	109.3	11.454	.0	1478.6	4120.5	9.7
602.0	598.1	4.733	4.686	34.157	27.042	29.815	27.037	107.4	11.562	.0	1478.6	4234.6	10.9
612.0	608.0	4.720	4.673	34.185	27.066	29.885	27.061	105.2	11.668	.0	1478.8	4349.7	18.2
622.0	617.9	4.710	4.662	34.192	27.073	29.938	27.068	104.7	11.773	.0	1478.9	4465.9	2.7
632.0	627.8	4.686	4.637	34.197	27.080	29.991	27.074	104.1	11.878	.0	1479.0	4583.1	8.3
642.0	637.8	4.674	4.624	34.202	27.085	30.042	27.079	103.7	11.982	.0	1479.1	4701.3	1.8
652.0	647.7	4.647	4.597	34.211	27.095	30.098	27.090	102.8	12.085	.0	1479.2	4820.6	20.3
662.0	657.6	4.624	4.572	34.229	27.112	30.161	27.107	101.3	12.187	.0	1479.2	4940.8	19.4
672.0	667.5	4.595	4.543	34.243	27.127	30.222	27.121	100.0	12.288	.0	1479.3	5062.1	17.1
682.0	677.4	4.522	4.469	34.250	27.140	30.282	27.134	98.7	12.387	.0	1479.2	5184.3	6.2
692.0	687.3	4.490	4.437	34.261	27.153	30.341	27.147	97.6	12.485	.0	1479.2	5307.5	11.2
702.0	697.2	4.457	4.403	34.268	27.162	30.396	27.156	96.8	12.582	.0	1479.3	5431.7	16.8
712.0	707.1	4.431	4.377	34.284	27.177	30.458	27.171	95.4	12.678	.0	1479.3	5556.8	16.8
722.0	717.0	4.389	4.334	34.295	27.190	30.517	27.184	94.2	12.773	.0	1479.3	5682.9	8.0
732.0	726.9	4.352	4.297	34.304	27.201	30.575	27.195	93.2	12.867	.0	1479.4	5809.8	8.9
742.0	736.8	4.345	4.288	34.311	27.208	30.627	27.202	92.6	12.960	.0	1479.5	5937.7	16.5
752.0	746.7	4.317	4.260	34.323	27.221	30.686	27.215	91.5	13.052	.0	1479.6	6066.5	8.9
762.0	756.6	4.277	4.220	34.333	27.232	30.744	27.226	90.5	13.143	.0	1479.6	6196.2	19.4
772.0	766.5	4.252	4.194	34.339	27.240	30.798	27.234	89.8	13.233	.0	1479.7	6326.8	15.0
782.0	776.4	4.232	4.173	34.349	27.250	30.855	27.244	88.9	13.322	.0	1479.7	6458.3	13.0
792.0	786.3	4.208	4.148	34.355	27.258	30.908	27.252	88.2	13.410	.0	1479.8	6590.7	17.7
802.0	796.2	4.145	4.084	34.363	27.270	30.968	27.264	87.0	13.498	.0	1479.7	6723.9	4.5
812.0	806.1	4.149	4.088	34.367	27.274	31.017	27.267	86.8	13.585	.0	1479.9	6857.9	8.9
822.0	816.0	4.125	4.064	34.370	27.278	31.067	27.272	86.4	13.672	.0	1480.0	6992.9	5.1
832.0	825.9	4.084	4.022	34.381	27.291	31.127	27.285	85.2	13.757	.0	1480.0	7128.6	2.8
842.0	835.8	4.057	3.994	34.387	27.299	31.181	27.293	84.5	13.842	.0	1480.1	7265.2	11.5
852.0	845.7	4.009	3.945	34.397	27.313	31.241	27.306	83.3	13.926	.0	1480.0	7402.7	10.7
862.0	855.6	3.981	3.917	34.402	27.319	31.294	27.313	82.7	14.009	.0	1480.1	7540.9	5.4
872.0	865.5	3.948	3.883	34.404	27.324	31.345	27.318	82.2	14.092	.0	1480.1	7680.0	4.5
882.0	875.4	3.925	3.859	34.409	27.331	31.398	27.324	81.7	14.174	.0	1480.2	7819.8	2.2
892.0	885.3	3.914	3.848	34.414	27.335	31.448	27.329	81.3	14.255	.0	1480.3	7960.5	11.3
902.0	895.2	3.889	3.822	34.414	27.338	31.498	27.331	81.1	14.337	.0	1480.4	8102.0	2.5
912.0	905.1	3.863	3.795	34.418	27.344	31.550	27.337	80.6	14.417	.0	1480.4	8244.2	3.4
922.0	915.0	3.836	3.768	34.421	27.350	31.601	27.343	80.1	14.498	.0	1480.5	8387.3	6.6
932.0	924.9	3.815	3.746	34.427	27.356	31.654	27.349	79.5	14.577	.0	1480.6	8531.1	1.3
942.0	934.8	3.801	3.731	34.433	27.362	31.706	27.355	79.0	14.657	.0	1480.7	8675.8	6.3
952.0	944.7	3.777	3.707	34.437	27.368	31.758	27.361	78.5	14.736	.0	1480.8	8821.1	9.2
962.0	954.6	3.753	3.683	34.443	27.375	31.812	27.368	77.8	14.814	.0	1480.8	8967.3	7.2
972.0	964.5	3.742	3.671	34.449	27.381	31.864	27.374	77.3	14.891	.0	1481.0	9114.2	6.0
982.0	974.4	3.732	3.660	34.453	27.386	31.914	27.379	77.0	14.968	.0	1481.1	9261.9	5.5
992.0	984.3	3.725	3.652	34.456	27.389	31.962	27.381	76.8	15.045	.0	1481.2	9410.3	2.2

Station 30 Latitude 32° 19.55'N Longitude 127° 51.55'W 29 Apr 1991 GMT 8:19 Bottom 3535 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1002.0	994.1	3.715	3.641	34.460	27.393	32.013	27.386	76.5	15.122	.0	1481.3	9559.5	7.8
1022.0	1013.9	3.660	3.585	34.471	27.407	32.120	27.400	75.2	15.274	.0	1481.5	9860.1	8.7
1042.0	1033.7	3.611	3.535	34.477	27.417	32.222	27.410	74.3	15.423	.0	1481.6	10163.7	11.9
1062.0	1053.5	3.577	3.500	34.482	27.425	32.322	27.417	73.7	15.571	.0	1481.8	10470.1	4.6
1082.0	1073.3	3.553	3.474	34.486	27.430	32.419	27.422	73.3	15.718	.0	1482.0	10779.5	3.8
1102.0	1093.0	3.496	3.415	34.488	27.437	32.519	27.430	72.6	15.864	.0	1482.1	11091.7	7.9
1122.0	1112.8	3.471	3.390	34.496	27.446	32.619	27.438	71.9	16.008	.0	1482.3	11406.7	2.0
1142.0	1132.6	3.447	3.364	34.498	27.450	32.715	27.442	71.6	16.152	.0	1482.6	11724.6	2.6
1162.0	1152.3	3.404	3.320	34.502	27.458	32.815	27.450	70.9	16.294	.0	1482.7	12045.3	7.9
1182.0	1172.1	3.345	3.260	34.509	27.469	32.919	27.461	69.8	16.435	.0	1482.8	12368.7	1.5
1202.0	1191.8	3.314	3.227	34.512	27.474	33.016	27.466	69.4	16.574	.0	1483.0	12694.8	5.3
1222.0	1211.6	3.273	3.185	34.516	27.482	33.116	27.473	68.8	16.712	.0	1483.2	13023.7	4.4
1242.0	1231.4	3.220	3.131	34.521	27.491	33.218	27.482	67.9	16.849	.0	1483.3	13355.2	8.8
1262.0	1251.1	3.184	3.094	34.524	27.497	33.316	27.488	67.4	16.984	.0	1483.5	13689.4	2.4
1282.0	1270.9	3.160	3.068	34.526	27.501	33.411	27.492	67.1	17.119	.0	1483.7	14026.3	1.5
1302.0	1290.6	3.147	3.054	34.529	27.504	33.507	27.496	66.9	17.253	.0	1484.0	14365.7	3.0
1322.0	1310.4	3.087	2.993	34.534	27.514	33.609	27.506	65.9	17.386	.0	1484.1	14707.8	2.4
1342.0	1330.1	3.069	2.974	34.535	27.516	33.703	27.507	65.8	17.517	.0	1484.3	15052.4	2.4
1362.0	1349.9	3.051	2.954	34.537	27.520	33.798	27.511	65.5	17.649	.0	1484.6	15399.6	1.6
1382.0	1369.6	3.018	2.920	34.541	27.526	33.896	27.517	65.0	17.779	.0	1484.8	15749.3	3.3
1402.0	1389.3	2.986	2.886	34.545	27.532	33.994	27.523	64.5	17.909	.0	1485.0	16101.6	3.9
1422.0	1409.1	2.955	2.854	34.547	27.537	34.090	27.527	64.1	18.038	.0	1485.2	16456.4	4.2
1442.0	1428.8	2.901	2.799	34.552	27.546	34.193	27.537	63.1	18.165	.0	1485.3	16813.7	5.1
1462.0	1448.6	2.873	2.769	34.554	27.550	34.288	27.540	62.9	18.291	.0	1485.5	17173.4	-.7
1482.0	1468.3	2.845	2.741	34.556	27.554	34.384	27.544	62.5	18.416	.0	1485.7	17535.6	1.3
1502.0	1488.0	2.815	2.709	34.557	27.558	34.480	27.548	62.1	18.541	.0	1485.9	17900.3	.8
1522.0	1507.8	2.800	2.693	34.558	27.560	34.574	27.551	62.0	18.665	.0	1486.2	18267.3	1.4
1542.0	1527.5	2.748	2.640	34.563	27.568	34.674	27.559	61.2	18.788	.0	1486.3	18636.8	1.1
1562.0	1547.2	2.720	2.610	34.566	27.573	34.771	27.564	60.7	18.910	.0	1486.5	19008.6	7.5
1582.0	1566.9	2.682	2.571	34.568	27.579	34.868	27.569	60.2	19.031	.0	1486.7	19382.8	1.7
1602.0	1586.7	2.636	2.524	34.572	27.586	34.968	27.576	59.5	19.151	.0	1486.8	19759.3	4.3
1622.0	1606.4	2.619	2.505	34.573	27.588	35.062	27.578	59.3	19.270	.0	1487.1	20138.2	3.5
1642.0	1626.1	2.584	2.469	34.576	27.593	35.159	27.583	58.8	19.388	.0	1487.3	20519.3	2.9
1662.0	1645.8	2.553	2.437	34.578	27.598	35.256	27.588	58.3	19.505	.0	1487.5	20902.7	1.4
1682.0	1665.5	2.517	2.399	34.585	27.606	35.356	27.597	57.6	19.621	.0	1487.7	21288.4	3.5
1702.0	1685.3	2.487	2.368	34.586	27.611	35.452	27.601	57.2	19.736	.0	1487.9	21676.3	3.8
1722.0	1705.0	2.461	2.341	34.589	27.615	35.548	27.605	56.8	19.850	.0	1488.1	22066.5	4.4
1742.0	1724.7	2.436	2.315	34.590	27.617	35.642	27.607	56.5	19.963	.0	1488.3	22458.8	6.2
1762.0	1744.4	2.409	2.286	34.593	27.622	35.738	27.612	56.1	20.076	.0	1488.5	22853.3	3.3
1782.0	1764.1	2.378	2.254	34.595	27.627	35.835	27.617	55.6	20.187	.0	1488.8	23250.0	3.6
1802.0	1783.8	2.342	2.217	34.596	27.631	35.931	27.621	55.2	20.298	.0	1488.9	23648.9	.9
1822.0	1803.5	2.308	2.182	34.599	27.636	36.028	27.626	54.7	20.408	.0	1489.1	24049.9	6.5
1842.0	1823.2	2.295	2.167	34.600	27.638	36.121	27.627	54.6	20.517	.0	1489.4	24453.0	.7
1862.0	1842.9	2.279	2.150	34.602	27.641	36.215	27.630	54.3	20.626	.0	1489.7	24858.2	.7
1882.0	1862.6	2.256	2.125	34.604	27.644	36.310	27.633	54.0	20.735	.0	1489.9	25265.5	1.9
1902.0	1882.3	2.224	2.093	34.607	27.649	36.407	27.639	53.5	20.842	.0	1490.1	25674.9	5.1
1922.0	1902.0	2.204	2.071	34.609	27.653	36.501	27.642	53.2	20.949	.0	1490.4	26086.4	1.9
1942.0	1921.7	2.182	2.048	34.611	27.656	36.596	27.645	52.9	21.055	.0	1490.6	26499.9	1.9
1962.0	1941.3	2.178	2.042	34.611	27.657	36.687	27.646	52.9	21.161	.0	1490.9	26915.5	.2
1982.0	1961.0	2.159	2.021	34.614	27.660	36.782	27.649	52.5	21.266	.0	1491.2	27333.1	1.4
2002.0	1980.7	2.141	2.002	34.615	27.663	36.875	27.652	52.3	21.371	.0	1491.4	27752.8	5.5
2052.0	2029.9	2.093	1.950	34.620	27.671	37.111	27.660	51.6	21.631	.0	1492.1	28810.7	5.8
2096.0	2073.2	2.047	1.902	34.624	27.678	37.319	27.667	50.9	21.857	.0	1492.6	29752.0	.0

Station 31 Latitude 32° 23.68'N Longitude 127° 49.51'W 29 Apr 1991 GMT 20:30 Bottom 1700 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.951	14.951	33.119	24.533	24.534	24.534	339.2	.000	.0	1504.9	.0	.0
10.0	10.0	14.933	14.931	33.116	24.536	24.580	24.535	339.3	.339	.0	1505.0	1.7	6.2
20.0	19.9	14.929	14.926	33.116	24.537	24.625	24.536	339.5	.679	.0	1505.2	6.8	6.0
30.0	29.9	14.919	14.915	33.119	24.541	24.674	24.540	339.4	1.018	.0	1505.3	15.2	5.4
40.0	39.8	14.919	14.913	33.129	24.550	24.726	24.549	338.8	1.357	.0	1505.5	27.0	48.7
50.0	49.8	14.580	14.572	33.197	24.675	24.896	24.673	327.2	1.690	.0	1504.6	42.2	50.7
60.0	59.8	14.417	14.409	33.191	24.705	24.970	24.703	324.6	2.016	.0	1504.3	60.7	24.4
70.0	69.7	14.348	14.338	33.201	24.727	25.037	24.725	322.7	2.339	.0	1504.2	82.4	31.1
80.0	79.7	14.316	14.304	33.209	24.741	25.095	24.738	321.7	2.662	.0	1504.3	107.3	1.2
90.0	89.7	14.243	14.230	33.201	24.750	25.148	24.747	321.2	2.983	.0	1504.2	135.4	13.5
100.0	99.6	14.329	14.314	33.247	24.768	25.210	24.765	319.7	3.304	.0	1504.7	166.7	31.7
110.0	109.6	14.168	14.153	33.262	24.813	25.300	24.810	315.7	3.622	.0	1504.4	201.2	52.5
120.0	119.5	13.191	13.175	33.167	24.939	25.473	24.936	303.8	3.931	.0	1501.2	238.8	100.3
130.0	129.5	11.642	11.626	33.056	25.149	25.731	25.146	283.7	4.227	.0	1495.9	279.4	273.7
140.0	139.4	10.844	10.827	33.068	25.302	25.932	25.300	269.1	4.502	.0	1493.2	322.9	35.7
150.0	149.4	10.209	10.192	33.128	25.459	26.135	25.456	254.3	4.766	.0	1491.2	369.0	163.3
160.0	159.3	9.992	9.974	33.176	25.533	26.254	25.530	247.4	5.017	.0	1490.6	417.6	131.6
170.0	169.3	9.640	9.621	33.286	25.677	26.445	25.674	233.9	5.257	.0	1489.6	468.7	143.9
180.0	179.2	9.488	9.469	33.388	25.781	26.595	25.778	224.1	5.485	.0	1489.4	522.2	152.1
190.0	189.2	9.385	9.365	33.516	25.899	26.757	25.895	213.2	5.702	.0	1489.3	577.8	28.5
200.0	199.1	9.314	9.292	33.611	25.984	26.889	25.981	205.2	5.912	.0	1489.3	635.5	15.3
210.0	209.1	9.250	9.227	33.668	26.039	26.989	26.035	200.2	6.116	.0	1489.3	695.3	115.5
220.0	219.0	9.178	9.154	33.751	26.116	27.111	26.112	193.0	6.312	.0	1489.3	757.1	75.9
230.0	228.9	8.824	8.800	33.811	26.219	27.260	26.215	183.4	6.500	.0	1488.2	820.8	106.0
240.0	238.9	8.746	8.721	33.837	26.251	27.339	26.247	180.4	6.681	.0	1488.1	886.3	12.3
250.0	248.8	8.599	8.573	33.898	26.323	27.456	26.319	173.8	6.859	.0	1487.8	953.5	77.6
260.0	258.7	8.444	8.417	33.939	26.378	27.558	26.374	168.6	7.030	.0	1487.5	1022.5	35.7
270.0	268.7	8.342	8.314	33.958	26.409	27.634	26.405	165.9	7.197	.0	1487.3	1093.2	55.0
280.0	278.6	8.193	8.165	33.969	26.440	27.711	26.435	163.1	7.361	.0	1486.9	1165.5	29.5
290.0	288.5	8.056	8.027	33.983	26.472	27.789	26.467	160.1	7.522	.0	1486.5	1239.4	19.2
300.0	298.5	7.821	7.791	33.997	26.517	27.882	26.513	155.9	7.681	.0	1485.8	1314.9	41.5
310.0	308.4	7.709	7.679	33.998	26.534	27.944	26.530	154.4	7.836	.0	1485.5	1392.0	2.5
320.0	318.3	7.603	7.572	34.006	26.556	28.013	26.552	152.4	7.990	.0	1485.3	1470.6	28.5
330.0	328.3	7.538	7.506	34.015	26.572	28.074	26.568	151.0	8.141	.0	1485.2	1550.7	14.2
340.0	338.2	7.498	7.465	34.023	26.585	28.133	26.580	149.9	8.292	.0	1485.2	1632.3	39.7
350.0	348.1	7.345	7.312	34.026	26.609	28.203	26.604	147.7	8.441	.0	1484.8	1715.3	12.7
360.0	358.0	7.144	7.110	34.031	26.640	28.282	26.635	144.7	8.587	.0	1484.2	1799.8	21.5
370.0	368.0	7.016	6.982	34.030	26.657	28.345	26.653	143.2	8.731	.0	1483.9	1885.8	3.0
380.0	377.9	6.911	6.876	34.027	26.670	28.404	26.665	142.1	8.874	.0	1483.6	1973.2	24.6
390.0	387.8	6.737	6.701	34.028	26.694	28.475	26.689	139.8	9.015	.0	1483.1	2062.0	16.7
400.0	397.8	6.566	6.530	34.021	26.711	28.540	26.706	138.1	9.154	.0	1482.6	2152.1	18.1
410.0	407.7	6.316	6.280	34.031	26.751	28.628	26.747	134.2	9.290	.0	1481.7	2243.7	12.5
420.0	417.6	6.268	6.231	34.033	26.760	28.682	26.755	133.6	9.424	.0	1481.7	2336.5	1.4
430.0	427.5	6.237	6.199	34.039	26.768	28.737	26.763	132.9	9.557	.0	1481.8	2430.7	7.8
440.0	437.5	6.192	6.153	34.044	26.778	28.793	26.773	132.0	9.689	.0	1481.8	2526.2	7.5
450.0	447.4	6.127	6.087	34.048	26.789	28.850	26.784	131.1	9.821	.0	1481.7	2623.0	11.9
460.0	457.3	5.897	5.857	34.063	26.830	28.939	26.825	127.1	9.951	.0	1480.9	2721.1	62.3
470.0	467.2	5.797	5.757	34.067	26.846	29.001	26.841	125.7	10.077	.0	1480.7	2820.4	6.6
480.0	477.1	5.705	5.665	34.071	26.860	29.063	26.855	124.3	10.202	.0	1480.5	2921.0	19.8
490.0	487.0	5.650	5.609	34.072	26.868	29.117	26.863	123.7	10.326	.0	1480.4	3022.8	4.5
500.0	497.0	5.560	5.519	34.080	26.885	29.181	26.880	122.0	10.449	.0	1480.2	3125.8	14.2
510.0	506.9	5.477	5.435	34.089	26.903	29.245	26.898	120.4	10.570	.0	1480.1	3230.1	18.3
520.0	516.8	5.411	5.369	34.095	26.915	29.304	26.910	119.3	10.690	.0	1480.0	3335.5	20.6
530.0	526.7	5.351	5.307	34.099	26.926	29.361	26.920	118.4	10.809	.0	1479.9	3442.1	13.3
540.0	536.6	5.321	5.277	34.105	26.934	29.415	26.929	117.7	10.927	.0	1480.0	3549.9	16.5
550.0	546.5	5.197	5.153	34.111	26.953	29.482	26.948	115.8	11.043	.0	1479.6	3658.8	22.6
560.0	556.5	5.065	5.020	34.115	26.972	29.548	26.967	114.0	11.158	.0	1479.2	3768.9	39.0
570.0	566.4	4.936	4.891	34.131	26.999	29.622	26.993	111.4	11.271	.0	1478.9	3880.0	11.8
580.0	576.3	4.937	4.891	34.132	27.000	29.669	26.994	111.4	11.382	.0	1479.1	3992.3	.6
590.0	586.2	4.927	4.880	34.132	27.001	29.716	26.996	111.4	11.494	.0	1479.2	4105.7	8.3
600.0	596.1	4.813	4.765	34.155	27.032	29.795	27.027	108.4	11.604	.0	1478.9	4220.2	31.4
610.0	606.0	4.747	4.699	34.182	27.060	29.870	27.055	105.8	11.711	.0	1478.8	4335.8	6.8
620.0	616.0	4.717	4.669	34.181	27.063	29.919	27.058	105.6	11.816	.0	1478.9	4452.4	5.3
630.0	625.9	4.662	4.613	34.194	27.080	29.982	27.075	104.0	11.921	.0	1478.8	4570.0	2.4
640.0	635.8	4.652	4.602	34.204	27.089	30.037	27.083	103.3	12.025	.0	1479.0	4688.6	15.6
650.0	645.7	4.618	4.568	34.215	27.102	30.096	27.096	102.1	12.127	.0	1479.0	4808.3	3.6
660.0	655.6	4.621	4.570	34.224	27.108	30.148	27.103	101.6	12.229	.0	1479.2	4929.0	12.4
670.0	665.5	4.587	4.535	34.242	27.127	30.213	27.121	99.9	12.330	.0	1479.2	5050.7	4.2
680.0	675.4	4.540	4.487	34.259	27.145	30.278	27.139	98.3	12.429	.0	1479.2	5173.3	20.9
690.0	685.3	4.490	4.437	34.272	27.161	30.340	27.155	96.8	12.527	.0	1479.2	5297.0	9.2
700.0	695.2	4.486	4.433	34.272	27.161	30.386	27.156	96.8	12.624	.0	1479.4	5421.5	4.5
710.0	705.1	4.471	4.416	34.277	27.167	30.438	27.162	96.3	12.720	.0	1479.5	5547.1	4.2
720.0	715.0	4.461	4.406	34.280	27.170	30.487	27.164	96.2	12.817	.0	1479.6	5673.6	-.8
730.0	724.9	4.457	4.400	34.281	27.172	30.535	27.166	96.1	12.913	.0	1479.7	5801.0	7.7
740.0	734.8	4.424	4.368	34.291	27.184	30.593	27.178	95.1	13.008	.0	1479.8	5929.4	9.2
750.0	744.7	4.370	4.312	34.306	27.202	30.657	27.195	93.4	13.103	.0	1479.7	6058.7	2.2
760.0	754.7	4.358	4.300	34.308	27.204	30.706	27.198	93.2	13.196	.0	1479.9	6188.9	2.7
770.0	764.5	4.327	4.268	34.319	27.216	30.764	27.210	92.1	13.289	.0	1479.9	6320.0	5.1
780.0	774.5	4.308	4.249	34.325	27.223	30.816	27.217	91.6	13.381	.0	1480.0	6452.1	6.3
790.0	784.3	4.263	4.203	34.337	27.238	30.878	27.232	90.2	13.472	.0	1480.0	6585.0	1.6
800.0	794.3	4.243	4.182	34.342	27.244	30.930	27.238	89.7	13.561	.0	1480.1	6718.9	3.6
810.0	804.2	4.202	4.141	34.353	27.257	30.990	27.251	88.4	13.651	.0	1480.1	6853.6	3.6
820.0	814.1	4.199	4.137	34.353	27.257	31.036	27.251	88.5	13.739	.0	1480.2	6989.2	6.9
830.0	824.0	4.174	4.111	34.359	27.265	31.089	27.258	87.9	13.827	.0	1480.3	7125.6	8.3
840.0	833.9	4.156	4.093	34.362	27.269	31.140	27.263	87.5	13.915	.0	1480.4	7262.9	4.8
850.0	843.8	4.136	4.072	34.368	27.276	31.193	27.269	86.9	14.002	.0	1480.5	7401.1	11.6
860.0	853.7	4.084	4.019	34.381	27.292	31.255	27.285	85.5	14.089	.0	1480.5	7540.1	18.9
870.0	863.5	4.055	3.990	34.387	27.299	31.309	27.293	84.8	14.174	.0	1480.5	7680.0	11.3
880.0	873.5	4.012	3.946	34.396	27.311	31.367	27.304	83.7	14.258	.0	1480.5	7820.7	11.3
890.0	883.3	3.982	3.915	34.401	27.319	31.421	27.312	83.0	14.342	.0	1480.5	7962.2	.2
900.0	893.2	3.978	3.911	34.402	27.320	31.468	27.313	83.0	14.425	.0	1480.7	8104.5	2.5
910.0	903.1	3.938	3.870	34.410	27.330	31.525	27.323	82.0	14.507	.0	1480.7	8247.7	6.6
920.0	913.0	3.887	3.819	34.420	27.344	31.585	27.337	80.8	14.589	.0	1480.7	8391.6	9.8
930.0	922.9	3.859	3.790	34.426	27.351	31.639	27.344	80.0	14.669	.0	1480.7	8536.4	-.4
940.0	932.8	3.820	3.751	34.433	27.361	31.695	27.354	79.2	14.749	.0	1480.7	8681.9	6.6
950.0	942.7	3.807	3.737	34.435	27.364	31.744	27.356	79.0	14.828	.0	1480.8	8828.2	13.1
960.0	952.6	3.763	3.692	34.443	27.375	31.802	27.368	77.9	14.906	.0	1480.8	8975.3	13.3
970.0	962.5	3.749	3.677	34.445	27.377	31.851	27.370	77.7	14.984	.0	1480.9	9123.1	4.0
980.0	972.4	3.744	3.672	34.446	27.378	31.897	27.371	77.7	15.062	.0	1481.1	9271.7	2.5
990.0	982.3	3.731	3.658	34.449	27.383	31.947	27.375	77.4	15.139	.0	1481.2	9421.1	9.0

Station 31 Latitude 32° 23.68'N Longitude 127° 49.51'W 29 Apr 1991 GMT 20:30 Bottom 1700 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.687	3.614	34.455	27.392	32.003	27.384	76.5	15.216	.0	1481.2	9571.2	19.5
1020.0	1012.0	3.603	3.529	34.466	27.409	32.113	27.401	74.9	15.367	.0	1481.2	9873.6	-1.6
1040.0	1031.7	3.572	3.496	34.470	27.416	32.212	27.408	74.3	15.516	.0	1481.4	10179.0	6.6
1060.0	1051.5	3.542	3.465	34.480	27.426	32.315	27.419	73.4	15.664	.0	1481.6	10487.3	4.0
1080.0	1071.3	3.477	3.399	34.485	27.437	32.418	27.429	72.4	15.810	.0	1481.7	10798.5	7.0
1100.0	1091.1	3.463	3.383	34.487	27.440	32.513	27.432	72.3	15.955	.0	1481.9	11112.5	-.6
1120.0	1110.8	3.447	3.366	34.490	27.443	32.608	27.436	72.0	16.099	.0	1482.2	11429.4	9.3
1140.0	1130.6	3.405	3.322	34.499	27.455	32.712	27.447	71.0	16.242	.0	1482.4	11749.0	2.0
1160.0	1150.3	3.351	3.268	34.508	27.468	32.817	27.460	69.8	16.383	.0	1482.5	12071.5	15.5
1180.0	1170.1	3.282	3.197	34.516	27.481	32.924	27.473	68.6	16.521	.0	1482.5	12396.6	8.8
1200.0	1189.9	3.269	3.183	34.517	27.483	33.017	27.475	68.5	16.659	.0	1482.8	12724.5	3.8
1220.0	1209.6	3.244	3.157	34.520	27.487	33.113	27.479	68.1	16.795	.0	1483.0	13055.0	1.8
1240.0	1229.4	3.204	3.115	34.524	27.494	33.213	27.486	67.5	16.931	.0	1483.2	13388.1	2.7
1260.0	1249.2	3.190	3.099	34.524	27.496	33.306	27.488	67.5	17.065	.0	1483.5	13723.9	.9
1280.0	1268.9	3.149	3.058	34.528	27.503	33.406	27.495	66.8	17.200	.0	1483.6	14062.4	.0
1300.0	1288.7	3.111	3.019	34.531	27.509	33.504	27.501	66.3	17.333	.0	1483.8	14403.4	.6
1320.0	1308.4	3.090	2.996	34.533	27.512	33.598	27.504	66.1	17.465	.0	1484.0	14747.1	5.3
1340.0	1328.2	3.081	2.986	34.534	27.514	33.692	27.506	66.0	17.597	.0	1484.3	15093.3	10.9
1360.0	1347.9	3.040	2.943	34.539	27.522	33.791	27.513	65.3	17.729	.0	1484.5	15442.0	1.3
1380.0	1367.6	3.018	2.920	34.541	27.526	33.887	27.517	65.0	17.859	.0	1484.7	15793.4	1.6
1400.0	1387.4	2.981	2.881	34.543	27.531	33.984	27.522	64.6	17.989	.0	1484.9	16147.2	1.9
1420.0	1407.1	2.947	2.846	34.547	27.537	34.083	27.528	64.0	18.117	.0	1485.1	16503.6	5.7
1440.0	1426.9	2.930	2.828	34.549	27.540	34.177	27.531	63.8	18.245	.0	1485.4	16862.4	2.2
1460.0	1446.6	2.864	2.761	34.554	27.550	34.280	27.541	62.7	18.372	.0	1485.4	17223.8	7.8
1480.0	1466.3	2.829	2.725	34.556	27.556	34.378	27.546	62.2	18.497	.0	1485.6	17587.5	6.0
1500.0	1486.1	2.789	2.684	34.560	27.562	34.477	27.553	61.6	18.620	.0	1485.8	17953.7	2.8
1520.0	1505.8	2.730	2.624	34.565	27.572	34.579	27.562	60.7	18.742	.0	1485.9	18322.3	-1.3
1540.0	1525.5	2.684	2.576	34.568	27.578	34.678	27.569	60.0	18.863	.0	1486.0	18693.3	3.7
1560.0	1545.3	2.627	2.518	34.573	27.587	34.780	27.578	59.0	18.982	.0	1486.1	19066.6	2.2
1580.0	1565.0	2.601	2.491	34.575	27.591	34.875	27.581	58.7	19.100	.0	1486.3	19442.1	6.3
1600.0	1584.7	2.572	2.461	34.577	27.595	34.971	27.585	58.4	19.217	.0	1486.5	19820.0	8.1
1620.0	1604.4	2.533	2.421	34.580	27.601	35.069	27.591	57.8	19.333	.0	1486.7	20200.1	.8
1640.0	1624.1	2.504	2.391	34.583	27.606	35.166	27.596	57.3	19.448	.0	1486.9	20582.5	5.2
1660.0	1643.8	2.492	2.376	34.583	27.607	35.258	27.597	57.3	19.563	.0	1487.2	20967.0	2.0
1680.0	1663.6	2.474	2.357	34.586	27.611	35.354	27.601	56.9	19.677	.0	1487.5	21353.8	2.9
1700.0	1683.3	2.440	2.322	34.589	27.616	35.451	27.606	56.4	19.791	.0	1487.6	21742.8	3.5
1720.0	1703.0	2.403	2.284	34.592	27.622	35.549	27.612	55.9	19.903	.0	1487.8	22134.1	2.9
1740.0	1722.7	2.397	2.277	34.592	27.622	35.640	27.612	55.9	20.015	.0	1488.1	22527.4	.6
1746.0	1728.6	2.396	2.275	34.592	27.622	35.667	27.612	55.9	20.048	.0	1488.2	22645.9	.0

Station 32 Latitude 32° 26.45'N Longitude 127° 48.02'W 29 Apr 1991 GMT 22:28 Bottom 525 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.967	14.967	33.134	24.542	24.542	24.542	338.4	.000	.0	1505.0	.0	.0
10.0	10.0	14.945	14.944	33.132	24.545	24.589	24.544	338.4	.338	.0	1505.1	1.7	6.8
20.0	19.9	14.863	14.860	33.124	24.557	24.646	24.556	337.5	.677	.0	1505.0	6.7	1.3
30.0	29.9	14.833	14.829	33.120	24.561	24.693	24.560	337.5	1.014	.0	1505.0	15.2	.1
40.0	39.8	14.812	14.806	33.121	24.566	24.743	24.565	337.3	1.351	.0	1505.1	26.9	6.3
50.0	49.8	14.801	14.794	33.138	24.582	24.803	24.581	336.0	1.688	.0	1505.3	42.1	56.6
60.0	59.8	14.561	14.552	33.220	24.696	24.962	24.694	325.4	2.018	.0	1504.8	60.6	60.1
70.0	69.7	14.381	14.370	33.222	24.736	25.046	24.734	321.9	2.342	.0	1504.4	82.3	17.0
80.0	79.7	14.334	14.322	33.228	24.752	25.106	24.749	320.7	2.663	.0	1504.4	107.2	10.0
90.0	89.7	14.263	14.250	33.255	24.787	25.186	24.785	317.6	2.983	.0	1504.3	135.3	56.6
100.0	99.6	14.120	14.106	33.270	24.829	25.272	24.826	313.9	3.299	.0	1504.1	166.6	80.3
110.0	109.6	12.769	12.754	33.145	25.005	25.495	25.002	297.2	3.604	.0	1499.6	201.0	133.9
120.0	119.5	11.254	11.240	33.048	25.213	25.752	25.211	277.3	3.891	.0	1494.3	238.3	116.0
130.0	129.5	10.751	10.736	33.074	25.323	25.907	25.320	267.0	4.165	.0	1492.8	278.4	203.8
140.0	139.4	10.368	10.352	33.110	25.417	26.048	25.414	258.1	4.426	.0	1491.6	321.1	-.1
150.0	149.4	9.990	9.973	33.173	25.531	26.207	25.528	247.5	4.679	.0	1490.4	366.4	22.7
160.0	159.3	9.871	9.853	33.201	25.572	26.294	25.569	243.7	4.926	.0	1490.2	414.2	66.3
170.0	169.3	9.641	9.623	33.330	25.711	26.479	25.708	230.6	5.163	.0	1489.7	464.4	173.5
180.0	179.2	9.516	9.497	33.530	25.888	26.701	25.885	214.0	5.383	.0	1489.7	516.8	73.3
190.0	189.1	9.433	9.412	33.613	25.967	26.825	25.963	206.7	5.594	.0	1489.6	571.4	75.6
200.0	199.1	9.345	9.323	33.695	26.045	26.949	26.041	199.5	5.797	.0	1489.6	628.0	23.5
210.0	209.0	9.355	9.332	33.749	26.086	27.035	26.082	195.8	5.995	.0	1489.8	686.7	36.1
220.0	219.0	9.181	9.158	33.803	26.156	27.151	26.153	189.3	6.186	.0	1489.4	747.2	5.4
230.0	228.9	9.018	8.994	33.849	26.219	27.259	26.215	183.5	6.373	.0	1489.0	809.6	29.1
240.0	238.9	8.932	8.906	33.890	26.264	27.350	26.260	179.4	6.554	.0	1488.9	873.8	39.6
250.0	248.8	8.797	8.771	33.932	26.318	27.450	26.314	174.4	6.731	.0	1488.6	939.8	27.0
260.0	258.7	8.701	8.673	33.952	26.349	27.527	26.345	171.6	6.903	.0	1488.5	1007.6	9.1
270.0	268.7	8.568	8.540	33.970	26.384	27.607	26.379	168.4	7.074	.0	1488.1	1077.0	69.4
280.0	278.6	8.387	8.358	33.991	26.428	27.698	26.424	164.3	7.239	.0	1487.6	1148.1	30.4
290.0	288.5	8.169	8.140	33.992	26.461	27.778	26.457	161.2	7.402	.0	1487.0	1220.8	1.1
300.0	298.5	8.135	8.104	33.994	26.468	27.830	26.464	160.7	7.563	.0	1487.0	1295.1	49.1
310.0	308.4	7.867	7.836	33.995	26.509	27.918	26.504	156.9	7.722	.0	1486.1	1371.1	34.7
320.0	318.3	7.773	7.741	33.997	26.525	27.980	26.520	155.5	7.878	.0	1486.0	1448.5	35.9
330.0	328.3	7.576	7.544	34.008	26.562	28.064	26.557	152.0	8.032	.0	1485.4	1527.5	15.4
340.0	338.2	7.494	7.461	34.011	26.576	28.124	26.571	150.8	8.183	.0	1485.2	1608.0	24.1
350.0	348.1	7.423	7.389	34.011	26.586	28.180	26.581	149.9	8.333	.0	1485.1	1690.0	16.8
360.0	358.0	7.251	7.217	34.007	26.607	28.247	26.602	148.0	8.483	.0	1484.6	1773.5	21.8
370.0	368.0	7.102	7.067	34.007	26.628	28.315	26.623	146.0	8.630	.0	1484.2	1858.4	27.3
380.0	377.9	7.005	6.970	34.007	26.641	28.375	26.636	144.9	8.775	.0	1484.0	1944.8	23.8
390.0	387.8	6.791	6.755	34.015	26.676	28.457	26.671	141.5	8.919	.0	1483.3	2032.6	72.4
400.0	397.7	6.704	6.668	34.015	26.688	28.516	26.683	140.5	9.059	.0	1483.1	2121.9	57.4
410.0	407.7	6.494	6.457	34.030	26.728	28.603	26.723	136.7	9.197	.0	1482.5	2212.5	41.6
420.0	417.6	6.297	6.260	34.040	26.761	28.683	26.756	133.5	9.332	.0	1481.8	2304.4	21.6
430.0	427.5	6.241	6.203	34.043	26.771	28.739	26.766	132.7	9.465	.0	1481.8	2397.7	5.8
440.0	437.4	6.132	6.093	34.045	26.786	28.802	26.781	131.2	9.597	.0	1481.5	2492.2	47.9
450.0	447.4	5.982	5.944	34.053	26.811	28.874	26.806	128.8	9.727	.0	1481.1	2588.1	24.2
460.0	457.3	5.792	5.753	34.065	26.844	28.955	26.840	125.6	9.854	.0	1480.5	2685.2	13.3
470.0	467.2	5.597	5.558	34.083	26.883	29.041	26.878	121.9	9.978	.0	1479.9	2783.6	49.9
480.0	477.1	5.443	5.404	34.092	26.909	29.114	26.904	119.4	10.099	.0	1479.5	2883.2	8.0
486.0	483.1	5.397	5.357	34.097	26.918	29.151	26.913	118.6	10.170	.0	1479.4	2943.5	.0

Station 33 Latitude 32° 30.85'N Longitude 127° 46.12'W 29 Apr 1991 GMT 23:40 Bottom 1800 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.010	15.010	33.094	24.501	24.501	24.501	342.3	.000	.0	1505.1	.0	.0
10.0	10.0	15.000	14.998	33.096	24.505	24.549	24.505	342.2	.342	.0	1505.2	1.7	2.2
20.0	19.9	14.969	14.967	33.117	24.529	24.617	24.528	340.3	.684	.0	1505.3	6.8	15.0
30.0	29.9	14.899	14.895	33.125	24.550	24.682	24.549	338.5	1.023	.0	1505.3	15.3	31.1
40.0	39.8	14.719	14.714	33.175	24.628	24.804	24.626	331.4	1.359	.0	1504.9	27.2	103.2
50.0	49.8	14.592	14.585	33.230	24.698	24.919	24.696	325.0	1.686	.0	1504.7	42.4	16.5
60.0	59.8	14.457	14.449	33.213	24.713	24.979	24.711	323.8	2.010	.0	1504.4	60.8	7.7
70.0	69.7	14.443	14.432	33.226	24.726	25.036	24.724	322.8	2.334	.0	1504.6	82.4	15.9
80.0	79.7	14.579	14.567	33.275	24.736	25.090	24.734	322.2	2.656	.0	1505.2	107.3	22.1
90.0	89.7	14.342	14.329	33.234	24.755	25.153	24.752	320.7	2.978	.0	1504.6	135.3	8.6
100.0	99.6	14.261	14.246	33.244	24.779	25.222	24.777	318.6	3.298	.0	1504.5	166.6	76.5
110.0	109.6	14.281	14.266	33.294	24.814	25.301	24.810	315.7	3.614	.0	1504.8	201.0	43.1
120.0	119.5	12.714	12.698	33.132	25.006	25.541	25.003	297.3	3.924	.0	1499.5	238.5	260.1
130.0	129.5	11.719	11.703	33.098	25.168	25.750	25.165	281.9	4.214	.0	1496.2	279.0	287.2
140.0	139.4	10.212	10.196	33.112	25.445	26.076	25.442	255.4	4.480	.0	1491.0	322.3	176.8
150.0	149.4	9.642	9.625	33.172	25.587	26.265	25.584	242.0	4.727	.0	1489.2	368.1	36.4
160.0	159.3	9.418	9.400	33.223	25.663	26.387	25.661	234.8	4.966	.0	1488.6	416.3	157.0
170.0	169.3	9.306	9.287	33.404	25.823	26.593	25.821	219.8	5.193	.0	1488.5	466.8	85.8
180.0	179.2	9.235	9.215	33.516	25.922	26.737	25.919	210.6	5.410	.0	1488.6	519.6	104.3
190.0	189.2	9.282	9.261	33.632	26.006	26.865	26.003	202.9	5.616	.0	1489.1	574.4	41.1
200.0	199.1	9.342	9.321	33.711	26.058	26.962	26.054	198.3	5.817	.0	1489.6	631.2	49.6
210.0	209.0	9.315	9.292	33.786	26.122	27.070	26.118	192.4	6.011	.0	1489.7	690.0	27.3
220.0	219.0	9.238	9.214	33.854	26.187	27.181	26.183	186.4	6.201	.0	1489.7	750.7	14.2
230.0	228.9	9.207	9.182	33.865	26.201	27.240	26.197	185.3	6.387	.0	1489.7	813.3	6.3
240.0	238.9	9.138	9.112	33.875	26.220	27.305	26.216	183.7	6.571	.0	1489.7	877.6	54.0
250.0	248.8	8.873	8.846	33.918	26.295	27.427	26.291	176.6	6.751	.0	1488.9	943.8	3.3
260.0	258.7	8.784	8.757	33.945	26.331	27.508	26.327	173.3	6.926	.0	1488.8	1011.8	54.8
270.0	268.7	8.739	8.710	33.979	26.365	27.587	26.360	170.3	7.098	.0	1488.8	1081.5	34.6
280.0	278.6	8.539	8.510	34.000	26.412	27.681	26.408	165.9	7.266	.0	1488.2	1152.8	42.8
290.0	288.5	8.411	8.381	34.014	26.443	27.758	26.438	163.1	7.431	.0	1487.9	1225.8	27.2
300.0	298.5	8.202	8.172	34.037	26.492	27.854	26.487	158.5	7.592	.0	1487.3	1300.4	46.2
310.0	308.4	8.071	8.040	34.044	26.518	27.925	26.513	156.2	7.749	.0	1487.0	1376.6	31.0
320.0	318.3	7.879	7.847	34.031	26.536	27.990	26.531	154.5	7.904	.0	1486.4	1454.3	62.6
330.0	328.3	7.634	7.601	34.048	26.585	28.086	26.580	149.9	8.056	.0	1485.6	1533.6	23.3
340.0	338.2	7.446	7.413	34.049	26.612	28.161	26.608	147.3	8.205	.0	1485.1	1614.3	8.6
350.0	348.1	7.321	7.288	34.055	26.634	28.229	26.630	145.3	8.351	.0	1484.8	1696.5	17.4
360.0	358.0	7.211	7.176	34.064	26.657	28.298	26.652	143.2	8.496	.0	1484.5	1780.1	26.7
370.0	368.0	7.071	7.036	34.061	26.674	28.361	26.669	141.7	8.638	.0	1484.1	1865.1	32.0
380.0	377.9	6.828	6.793	34.055	26.703	28.438	26.698	138.9	8.778	.0	1483.3	1951.6	18.2
390.0	387.8	6.702	6.666	34.051	26.717	28.498	26.712	137.6	8.916	.0	1483.0	2039.4	15.8
400.0	397.7	6.623	6.587	34.066	26.739	28.567	26.734	135.6	9.053	.0	1482.9	2128.6	21.1
410.0	407.7	6.417	6.380	34.056	26.758	28.634	26.753	133.7	9.187	.0	1482.2	2219.1	.8
420.0	417.6	6.306	6.269	34.048	26.766	28.688	26.761	133.0	9.321	.0	1481.9	2310.9	16.6
430.0	427.5	6.173	6.135	34.049	26.784	28.753	26.779	131.3	9.453	.0	1481.5	2404.1	13.7
440.0	437.4	6.032	5.994	34.053	26.805	28.821	26.800	129.4	9.583	.0	1481.1	2498.5	3.1
450.0	447.4	6.034	5.995	34.062	26.812	28.874	26.808	128.8	9.712	.0	1481.3	2594.2	27.1
460.0	457.3	5.943	5.903	34.066	26.827	28.935	26.822	127.5	9.840	.0	1481.1	2691.2	6.9
470.0	467.2	5.867	5.827	34.077	26.845	29.000	26.840	125.8	9.967	.0	1481.0	2789.5	4.3
480.0	477.1	5.838	5.797	34.093	26.861	29.062	26.856	124.4	10.092	.0	1481.1	2889.0	29.2
490.0	487.0	5.549	5.508	34.068	26.877	29.127	26.872	122.7	10.215	.0	1480.0	2989.7	20.3
500.0	497.0	5.451	5.410	34.072	26.892	29.188	26.887	121.3	10.337	.0	1479.8	3091.6	1.3
510.0	506.9	5.400	5.358	34.076	26.901	29.245	26.896	120.5	10.458	.0	1479.7	3194.7	13.0
520.0	516.8	5.340	5.298	34.095	26.923	29.313	26.918	118.4	10.577	.0	1479.7	3299.0	17.7
530.0	526.7	5.285	5.242	34.104	26.937	29.373	26.932	117.2	10.695	.0	1479.6	3404.5	13.9
540.0	536.6	5.127	5.084	34.111	26.961	29.445	26.956	114.8	10.811	.0	1479.2	3511.2	13.0
550.0	546.5	5.036	4.992	34.117	26.976	29.507	26.971	113.4	10.925	.0	1479.0	3618.9	14.7
560.0	556.5	4.952	4.907	34.125	26.992	29.570	26.987	111.9	11.038	.0	1478.8	3727.8	37.5
570.0	566.4	4.892	4.847	34.136	27.008	29.632	27.003	110.5	11.149	.0	1478.7	3837.8	11.5
580.0	576.3	4.822	4.777	34.146	27.023	29.694	27.018	109.0	11.259	.0	1478.6	3948.9	-.3
590.0	586.2	4.766	4.720	34.158	27.040	29.757	27.035	107.5	11.367	.0	1478.6	4061.0	3.3
600.0	596.1	4.752	4.705	34.164	27.046	29.809	27.041	107.0	11.474	.0	1478.7	4174.2	5.6
610.0	606.0	4.717	4.670	34.171	27.055	29.865	27.050	106.2	11.581	.0	1478.7	4288.5	11.2
620.0	615.9	4.696	4.648	34.177	27.062	29.918	27.057	105.6	11.687	.0	1478.8	4403.8	10.6
630.0	625.8	4.648	4.600	34.188	27.076	29.979	27.071	104.4	11.792	.0	1478.8	4520.1	11.5
640.0	635.8	4.633	4.583	34.193	27.082	30.030	27.076	103.9	11.896	.0	1478.9	4637.5	26.4
650.0	645.7	4.609	4.559	34.208	27.097	30.092	27.092	102.5	11.999	.0	1479.0	4755.9	19.4
660.0	655.6	4.584	4.533	34.224	27.113	30.153	27.107	101.1	12.101	.0	1479.0	4875.3	11.2
670.0	665.5	4.561	4.509	34.232	27.121	30.208	27.115	100.4	12.202	.0	1479.1	4995.7	11.2
680.0	675.4	4.501	4.449	34.246	27.139	30.273	27.133	98.7	12.301	.0	1479.1	5117.1	3.3
690.0	685.3	4.483	4.430	34.254	27.148	30.327	27.142	98.0	12.399	.0	1479.2	5239.5	14.7
700.0	695.2	4.445	4.392	34.264	27.159	30.385	27.153	97.0	12.497	.0	1479.2	5362.8	.9
710.0	705.1	4.423	4.369	34.269	27.166	30.438	27.160	96.4	12.594	.0	1479.3	5487.1	3.0
720.0	715.0	4.428	4.373	34.272	27.168	30.485	27.162	96.3	12.690	.0	1479.4	5612.3	1.5
730.0	724.9	4.401	4.345	34.282	27.179	30.542	27.173	95.4	12.786	.0	1479.5	5738.4	15.3
740.0	734.8	4.382	4.326	34.299	27.194	30.604	27.188	94.0	12.881	.0	1479.6	5865.6	12.4
750.0	744.7	4.321	4.264	34.299	27.201	30.658	27.195	93.3	12.974	.0	1479.5	5993.6	5.1
760.0	754.6	4.308	4.251	34.304	27.207	30.709	27.201	92.9	13.067	.0	1479.6	6122.5	8.3
770.0	764.5	4.310	4.252	34.317	27.216	30.764	27.210	92.1	13.160	.0	1479.8	6252.4	5.7
780.0	774.4	4.310	4.251	34.320	27.219	30.813	27.213	91.9	13.252	.0	1480.0	6383.2	2.8
790.0	784.3	4.285	4.225	34.324	27.225	30.865	27.218	91.4	13.344	.0	1480.1	6514.8	10.4
800.0	794.2	4.250	4.190	34.337	27.239	30.925	27.233	90.2	13.434	.0	1480.1	6647.4	1.9
810.0	804.1	4.250	4.188	34.339	27.241	30.972	27.234	90.1	13.524	.0	1480.3	6780.9	1.9
820.0	814.0	4.225	4.163	34.347	27.250	31.028	27.244	89.3	13.614	.0	1480.3	6915.2	10.4
830.0	823.9	4.168	4.106	34.360	27.266	31.091	27.260	87.7	13.703	.0	1480.3	7050.4	31.8
840.0	833.8	4.152	4.088	34.363	27.271	31.141	27.264	87.4	13.791	.0	1480.4	7186.5	6.3
850.0	843.7	4.089	4.026	34.377	27.288	31.206	27.282	85.7	13.877	.0	1480.3	7323.4	4.8
860.0	853.6	4.054	3.990	34.386	27.299	31.263	27.292	84.8	13.962	.0	1480.3	7461.2	17.1
870.0	863.5	4.044	3.978	34.387	27.301	31.311	27.294	84.6	14.047	.0	1480.5	7599.8	1.0
880.0	873.4	4.010	3.944	34.394	27.310	31.367	27.303	83.8	14.132	.0	1480.5	7739.3	7.2
890.0	883.3	3.995	3.928	34.397	27.314	31.417	27.308	83.4	14.215	.0	1480.6	7879.5	1.3
900.0	893.2	3.993	3.925	34.398	27.315	31.463	27.308	83.5	14.299	.0	1480.8	8020.6	1.0
910.0	903.1	3.981	3.913	34.400	27.318	31.512	27.311	83.2	14.382	.0	1480.9	8162.5	6.6
920.0	913.0	3.958	3.889	34.405	27.325	31.565	27.318	82.7	14.465	.0	1480.9	8305.2	7.2
930.0	922.9	3.942	3.872	34.408	27.329	31.615	27.322	82.4	14.547	.0	1481.0	8448.8	9.6
940.0	932.8	3.918	3.848	34.414	27.336	31.668	27.329	81.7	14.629	.0	1481.1	8593.1	4.6
950.0	942.7	3.908	3.838	34.417	27.339	31.717	27.331	81.5	14.711	.0	1481.2	8738.2	6.6
960.0	952.6	3.866	3.795	34.424	27.349	31.774	27.342	80.5	14.792	.0	1481.2	8884.2	5.5
970.0	962.5	3.832	3.760	34.431	27.358	31.829	27.351	79.7	14.872	.0	1481.3	9030.9	-1.3
980.0	972.4	3.784	3.712	34.439	27.369	31.887	27.362	78.6	14.951	.0	1481.2	9178.4	6.1
990.0	982.3	3.767	3.694	34.442	27.373	31.937	27.366	78.3	15.030	.0	1481.3	9326.7	4.6

Station 33 Latitude 32° 30.85'N Longitude 127° 46.12'W 29 Apr 1991 GMT 23:40 Bottom 1800 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.733	3.660	34.447	27.381	31.991	27.374	77.6	15.108	.0	1481.4	9475.7	5.5
1020.0	1011.9	3.669	3.595	34.457	27.395	32.098	27.388	76.3	15.262	.0	1481.4	9776.1	6.1
1040.0	1031.7	3.625	3.549	34.464	27.405	32.201	27.398	75.4	15.413	.0	1481.6	10079.4	4.9
1060.0	1051.5	3.593	3.516	34.469	27.413	32.300	27.405	74.8	15.564	.0	1481.8	10385.7	3.4
1080.0	1071.3	3.556	3.477	34.478	27.424	32.403	27.416	73.9	15.713	.0	1482.0	10694.9	10.5
1100.0	1091.0	3.515	3.435	34.481	27.430	32.501	27.422	73.3	15.860	.0	1482.1	11007.0	1.4
1120.0	1110.8	3.473	3.391	34.486	27.438	32.602	27.430	72.6	16.006	.0	1482.3	11322.0	2.0
1140.0	1130.6	3.419	3.337	34.493	27.449	32.706	27.441	71.6	16.150	.0	1482.4	11639.9	5.5
1160.0	1150.3	3.389	3.305	34.498	27.456	32.804	27.448	71.0	16.293	.0	1482.6	11960.5	3.8
1180.0	1170.1	3.366	3.281	34.501	27.461	32.902	27.453	70.6	16.435	.0	1482.9	12283.9	1.5
1200.0	1189.8	3.342	3.255	34.503	27.465	32.997	27.456	70.4	16.576	.0	1483.1	12610.1	.9
1220.0	1209.6	3.267	3.180	34.512	27.479	33.104	27.471	69.0	16.716	.0	1483.1	12939.0	5.6
1240.0	1229.4	3.223	3.134	34.517	27.487	33.205	27.479	68.3	16.853	.0	1483.3	13270.6	.3
1260.0	1249.1	3.177	3.087	34.523	27.496	33.306	27.488	67.4	16.989	.0	1483.4	13604.9	7.1
1280.0	1268.9	3.142	3.051	34.527	27.503	33.405	27.494	66.9	17.123	.0	1483.6	13941.8	8.2
1300.0	1288.6	3.097	3.005	34.530	27.510	33.505	27.501	66.2	17.256	.0	1483.7	14281.3	.3
1320.0	1308.4	3.041	2.948	34.535	27.519	33.607	27.510	65.3	17.388	.0	1483.8	14623.4	5.3
1340.0	1328.1	3.009	2.914	34.539	27.524	33.704	27.516	64.8	17.518	.0	1484.0	14968.1	.1
1360.0	1347.9	2.987	2.891	34.541	27.528	33.800	27.520	64.5	17.647	.0	1484.3	15315.3	1.0
1380.0	1367.6	2.958	2.861	34.543	27.533	33.896	27.524	64.2	17.776	.0	1484.5	15664.9	1.8
1400.0	1387.4	2.914	2.816	34.547	27.540	33.996	27.531	63.5	17.903	.0	1484.6	16017.1	-.2
1420.0	1407.1	2.879	2.779	34.550	27.546	34.094	27.537	62.9	18.029	.0	1484.8	16371.8	1.0
1440.0	1426.8	2.845	2.744	34.554	27.552	34.192	27.543	62.4	18.155	.0	1485.0	16728.9	7.4
1460.0	1446.6	2.819	2.717	34.555	27.555	34.287	27.546	62.1	18.279	.0	1485.2	17088.4	.7
1480.0	1466.3	2.784	2.680	34.557	27.560	34.384	27.551	61.6	18.403	.0	1485.4	17450.3	1.0
1500.0	1486.0	2.747	2.642	34.562	27.568	34.484	27.559	61.0	18.526	.0	1485.6	17814.7	6.6
1520.0	1505.8	2.708	2.602	34.567	27.575	34.583	27.566	60.2	18.647	.0	1485.8	18181.4	6.6
1540.0	1525.5	2.684	2.577	34.568	27.578	34.678	27.569	60.0	18.768	.0	1486.0	18550.5	2.5
1560.0	1545.2	2.652	2.543	34.571	27.583	34.775	27.574	59.5	18.887	.0	1486.2	18921.8	9.0
1580.0	1564.9	2.618	2.508	34.574	27.588	34.872	27.579	59.0	19.005	.0	1486.4	19295.5	3.1
1600.0	1584.7	2.571	2.460	34.577	27.595	34.972	27.586	58.3	19.122	.0	1486.5	19671.5	1.4
1620.0	1604.4	2.548	2.435	34.580	27.599	35.067	27.590	58.0	19.239	.0	1486.8	20049.8	1.7
1640.0	1624.1	2.534	2.420	34.581	27.601	35.160	27.592	57.8	19.354	.0	1487.0	20430.3	2.3
1660.0	1643.8	2.511	2.395	34.582	27.604	35.255	27.595	57.6	19.470	.0	1487.3	20813.0	.0
1680.0	1663.5	2.472	2.355	34.586	27.611	35.354	27.601	57.0	19.584	.0	1487.4	21198.0	.0
1700.0	1683.3	2.440	2.322	34.588	27.616	35.450	27.606	56.5	19.698	.0	1487.6	21585.1	10.5
1720.0	1703.0	2.432	2.313	34.590	27.618	35.543	27.608	56.4	19.811	.0	1487.9	21974.5	.9
1740.0	1722.7	2.404	2.283	34.591	27.622	35.639	27.611	56.0	19.923	.0	1488.2	22366.1	2.1
1760.0	1742.4	2.387	2.265	34.593	27.624	35.732	27.614	55.8	20.035	.0	1488.4	22759.8	1.2
1780.0	1762.1	2.362	2.239	34.596	27.629	35.829	27.618	55.4	20.146	.0	1488.7	23155.7	.3
1800.0	1781.8	2.337	2.213	34.598	27.632	35.924	27.622	55.0	20.257	.0	1488.9	23553.7	3.0
1820.0	1801.5	2.331	2.205	34.598	27.633	36.015	27.623	55.0	20.367	.0	1489.2	23953.9	.0

Station 34 Latitude 32° 33.71'N Longitude 127° 44.54'W 29 Apr 1991 GMT 1:34 Bottom 3410 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	14.777	14.777	33.022	24.496	24.496	24.496	342.8	.000	.0	1504.3	.0	.0
10.0	10.0	14.779	14.777	33.020	24.495	24.539	24.494	343.2	.343	.0	1504.4	1.7	15.3
20.0	19.9	14.686	14.683	33.043	24.532	24.621	24.531	339.9	.685	.0	1504.3	6.8	30.2
30.0	29.9	14.512	14.508	33.066	24.587	24.720	24.586	335.0	1.023	.0	1503.9	15.3	162.5
40.0	39.8	13.497	13.491	32.985	24.735	24.913	24.734	321.1	1.348	.0	1500.7	27.2	8.6
50.0	49.8	13.570	13.563	33.012	24.741	24.963	24.740	320.8	1.670	.0	1501.1	42.2	21.0
60.0	59.8	13.823	13.815	33.096	24.755	25.021	24.753	319.8	1.990	.0	1502.2	60.4	-7.7
70.0	69.7	14.126	14.116	33.193	24.768	25.078	24.766	318.9	2.309	.0	1503.5	81.8	10.8
80.0	79.7	14.137	14.126	33.208	24.778	25.132	24.775	318.2	2.628	.0	1503.7	106.4	4.7
90.0	89.7	14.096	14.083	33.216	24.792	25.191	24.790	317.1	2.946	.0	1503.7	134.2	10.9
100.0	99.6	13.974	13.960	33.220	24.821	25.264	24.818	314.7	3.262	.0	1503.5	165.1	27.0
110.0	109.6	13.391	13.376	33.155	24.890	25.378	24.887	308.3	3.573	.0	1501.7	199.1	129.9
120.0	119.5	12.570	12.554	33.266	25.137	25.672	25.134	284.8	3.870	.0	1499.2	236.2	108.7
130.0	129.5	11.632	11.616	33.238	25.292	25.875	25.290	270.1	4.149	.0	1496.1	276.1	95.6
140.0	139.4	10.931	10.914	33.198	25.388	26.017	25.385	261.0	4.415	.0	1493.7	318.7	125.4
150.0	149.4	9.893	9.877	33.202	25.569	26.247	25.567	243.7	4.669	.0	1490.1	363.9	183.4
160.0	159.3	9.402	9.385	33.230	25.671	26.395	25.669	234.1	4.908	.0	1488.5	411.5	181.9
170.0	169.3	9.243	9.224	33.300	25.752	26.522	25.749	226.6	5.136	.0	1488.2	461.5	39.8
180.0	179.2	9.192	9.173	33.415	25.850	26.665	25.847	217.5	5.358	.0	1488.3	513.7	208.5
190.0	189.1	9.155	9.135	33.622	26.018	26.878	26.015	201.7	5.568	.0	1488.6	568.0	206.5
200.0	199.1	9.160	9.139	33.746	26.115	27.020	26.111	192.8	5.763	.0	1488.9	624.3	116.6
210.0	209.0	9.139	9.116	33.857	26.205	27.155	26.202	184.4	5.950	.0	1489.2	682.5	58.6
220.0	219.0	9.005	8.981	33.933	26.286	27.281	26.282	176.9	6.132	.0	1488.9	742.6	93.5
230.0	228.9	8.964	8.939	33.958	26.312	27.353	26.309	174.6	6.308	.0	1489.0	804.4	101.7
240.0	238.8	8.814	8.788	33.991	26.362	27.448	26.358	170.0	6.479	.0	1488.6	867.9	24.6
250.0	248.8	8.674	8.648	33.997	26.388	27.521	26.384	167.6	6.648	.0	1488.2	933.1	19.6
260.0	258.7	8.583	8.556	34.022	26.422	27.600	26.418	164.6	6.814	.0	1488.1	1000.0	23.4
270.0	268.6	8.527	8.498	34.052	26.455	27.678	26.450	161.7	6.976	.0	1488.1	1068.5	7.9
280.0	278.6	8.418	8.389	34.054	26.473	27.743	26.469	160.1	7.137	.0	1487.8	1138.6	15.2
290.0	288.5	8.240	8.211	34.063	26.507	27.822	26.502	157.0	7.296	.0	1487.3	1210.3	24.3
300.0	298.4	8.067	8.037	34.066	26.535	27.897	26.530	154.4	7.451	.0	1486.8	1283.5	20.7
310.0	308.4	7.981	7.950	34.072	26.553	27.961	26.548	152.8	7.605	.0	1486.7	1358.3	17.2
320.0	318.3	7.809	7.778	34.067	26.574	28.029	26.569	150.8	7.757	.0	1486.2	1434.5	18.3
330.0	328.2	7.670	7.638	34.062	26.591	28.092	26.586	149.4	7.907	.0	1485.8	1512.3	30.6
340.0	338.2	7.496	7.463	34.069	26.621	28.169	26.617	146.5	8.055	.0	1485.3	1591.6	32.4
350.0	348.1	7.346	7.312	34.068	26.642	28.236	26.637	144.6	8.200	.0	1484.9	1672.2	18.6
360.0	358.0	7.214	7.180	34.073	26.664	28.305	26.659	142.6	8.344	.0	1484.5	1754.4	6.5
370.0	367.9	7.161	7.126	34.076	26.674	28.360	26.669	141.8	8.486	.0	1484.5	1837.9	8.0
380.0	377.9	6.983	6.947	34.077	26.699	28.433	26.695	139.3	8.627	.0	1484.0	1922.8	32.6
390.0	387.8	6.837	6.801	34.072	26.715	28.496	26.710	137.9	8.766	.0	1483.5	2009.2	21.4
400.0	397.7	6.705	6.669	34.081	26.740	28.567	26.735	135.6	8.902	.0	1483.2	2096.8	18.2
410.0	407.6	6.665	6.628	34.094	26.756	28.629	26.751	134.2	9.037	.0	1483.2	2185.9	30.5
420.0	417.6	6.617	6.579	34.110	26.774	28.693	26.769	132.6	9.171	.0	1483.2	2276.2	18.2
430.0	427.5	6.534	6.495	34.119	26.793	28.758	26.788	130.9	9.302	.0	1483.1	2367.9	22.8
440.0	437.4	6.321	6.282	34.098	26.804	28.817	26.799	129.7	9.432	.0	1482.3	2460.8	13.7
450.0	447.3	6.149	6.110	34.102	26.829	28.889	26.824	127.3	9.561	.0	1481.8	2555.0	10.5
460.0	457.3	5.966	5.927	34.094	26.846	28.955	26.841	125.7	9.688	.0	1481.2	2650.5	16.0
470.0	467.2	5.766	5.727	34.086	26.865	29.021	26.860	123.8	9.813	.0	1480.6	2747.3	11.9
480.0	477.1	5.741	5.700	34.096	26.876	29.078	26.871	122.9	9.936	.0	1480.7	2845.2	11.0
490.0	487.0	5.721	5.680	34.117	26.895	29.143	26.890	121.2	10.058	.0	1480.8	2944.4	19.5
500.0	496.9	5.615	5.573	34.116	26.907	29.202	26.902	120.1	10.179	.0	1480.5	3044.7	10.1
510.0	506.9	5.555	5.512	34.124	26.920	29.261	26.915	118.9	10.299	.0	1480.4	3146.3	19.2
520.0	516.8	5.524	5.480	34.131	26.930	29.318	26.925	118.0	10.417	.0	1480.5	3249.0	5.7
530.0	526.7	5.545	5.501	34.150	26.942	29.375	26.937	117.0	10.535	.0	1480.8	3352.9	10.7
540.0	536.6	5.467	5.422	34.155	26.956	29.435	26.951	115.8	10.651	.0	1480.6	3458.0	22.4
550.0	546.5	5.377	5.332	34.153	26.965	29.491	26.959	115.0	10.766	.0	1480.4	3564.1	10.7
560.0	556.4	5.300	5.254	34.163	26.982	29.555	26.977	113.3	10.880	.0	1480.3	3671.4	18.9
570.0	566.3	5.212	5.165	34.160	26.990	29.610	26.985	112.6	10.993	.0	1480.1	3779.9	4.5
580.0	576.3	5.156	5.109	34.161	26.997	29.664	26.992	111.9	11.105	.0	1480.0	3889.4	6.3
590.0	586.2	5.070	5.023	34.162	27.008	29.721	27.003	110.9	11.217	.0	1479.8	4000.1	33.2
600.0	596.1	4.852	4.805	34.157	27.029	29.792	27.024	108.7	11.326	.0	1479.1	4111.8	12.4
610.0	606.0	4.817	4.769	34.167	27.041	29.850	27.036	107.7	11.435	.0	1479.1	4224.6	20.9
620.0	615.9	4.803	4.755	34.172	27.047	29.901	27.042	107.2	11.542	.0	1479.2	4338.5	15.6
630.0	625.8	4.701	4.652	34.184	27.067	29.969	27.062	105.3	11.648	.0	1479.0	4453.4	4.7
640.0	635.7	4.658	4.608	34.189	27.076	30.025	27.071	104.4	11.753	.0	1479.0	4569.4	.9
650.0	645.6	4.639	4.589	34.200	27.087	30.081	27.082	103.5	11.857	.0	1479.1	4686.3	13.0
660.0	655.5	4.606	4.555	34.211	27.099	30.140	27.094	102.4	11.960	.0	1479.1	4804.3	6.5
670.0	665.5	4.562	4.510	34.225	27.115	30.202	27.110	100.9	12.062	.0	1479.1	4923.4	6.5
680.0	675.4	4.552	4.499	34.231	27.122	30.254	27.116	100.5	12.163	.0	1479.2	5043.4	1.5
690.0	685.3	4.533	4.480	34.239	27.130	30.308	27.124	99.8	12.263	.0	1479.3	5164.4	3.6
700.0	695.2	4.495	4.441	34.248	27.141	30.366	27.135	98.7	12.362	.0	1479.4	5286.3	5.6
710.0	705.1	4.450	4.395	34.261	27.157	30.428	27.151	97.3	12.460	.0	1479.4	5409.3	13.6
720.0	715.0	4.425	4.370	34.268	27.165	30.482	27.159	96.6	12.557	.0	1479.4	5533.2	11.8
730.0	724.9	4.378	4.323	34.280	27.180	30.544	27.174	95.2	12.653	.0	1479.4	5658.0	12.7
740.0	734.8	4.329	4.273	34.290	27.192	30.603	27.187	94.1	12.748	.0	1479.4	5783.8	-1.1
750.0	744.7	4.299	4.242	34.294	27.199	30.656	27.193	93.5	12.842	.0	1479.4	5910.6	15.0
760.0	754.6	4.294	4.236	34.307	27.210	30.713	27.204	92.6	12.935	.0	1479.6	6038.2	9.5
770.0	764.5	4.289	4.231	34.320	27.222	30.770	27.215	91.6	13.027	.0	1479.8	6166.7	6.5
780.0	774.4	4.277	4.217	34.330	27.231	30.825	27.224	90.8	13.118	.0	1479.9	6296.2	8.0
790.0	784.3	4.254	4.194	34.339	27.240	30.881	27.234	89.9	13.208	.0	1480.0	6426.5	10.7
800.0	794.2	4.225	4.164	34.345	27.248	30.935	27.242	89.2	13.298	.0	1480.0	6557.7	2.2
810.0	804.1	4.195	4.134	34.348	27.254	30.987	27.247	88.7	13.387	.0	1480.1	6689.8	9.2
820.0	814.0	4.176	4.114	34.359	27.264	31.043	27.258	87.8	13.475	.0	1480.2	6822.8	16.8
830.0	823.9	4.163	4.100	34.365	27.271	31.096	27.264	87.3	13.563	.0	1480.3	6956.6	8.6
840.0	833.8	4.119	4.056	34.372	27.281	31.152	27.274	86.4	13.650	.0	1480.3	7091.3	8.0
850.0	843.7	4.077	4.013	34.376	27.289	31.207	27.282	85.6	13.736	.0	1480.3	7226.9	13.0
860.0	853.6	4.041	3.977	34.384	27.299	31.263	27.292	84.7	13.821	.0	1480.3	7363.2	3.1
870.0	863.5	4.017	3.952	34.391	27.307	31.317	27.300	84.0	13.905	.0	1480.4	7500.5	2.5
880.0	873.4	4.007	3.941	34.395	27.311	31.367	27.304	83.7	13.989	.0	1480.5	7638.5	7.2
890.0	883.3	4.000	3.933	34.397	27.314	31.416	27.307	83.5	14.073	.0	1480.6	7777.3	6.6
900.0	893.2	3.992	3.924	34.402	27.318	31.466	27.311	83.2	14.156	.0	1480.8	7917.0	8.4
910.0	903.1	3.974	3.906	34.407	27.324	31.518	27.317	82.7	14.239	.0	1480.8	8057.5	6.3
920.0	913.0	3.935	3.867	34.415	27.334	31.575	27.327	81.7	14.321	.0	1480.9	8198.8	10.4
930.0	922.9	3.934	3.865	34.418	27.337	31.623	27.330	81.6	14.403	.0	1481.0	8340.9	6.9
940.0	932.8	3.923	3.853	34.423	27.343	31.675	27.335	81.1	14.484	.0	1481.2	8483.8	-.1
950.0	942.7	3.895	3.825	34.424	27.346	31.725	27.339	80.8	14.565	.0	1481.2	8627.5	6.9
960.0	952.6	3.888	3.816	34.430	27.352	31.776	27.345	80.3	14.646	.0	1481.3	8772.0	3.7
970.0	962.5	3.875	3.803	34.434	27.356	31.826	27.349	80.0	14.726	.0	1481.5	8917.3	5.2
980.0	972.3	3.837	3.764	34.440	27.365	31.881	27.358	79.2	14.806	.0	1481.5	9063.4	1.4
990.0	982.2	3.811	3.738	34.443	27.370	31.933	27.363	78.7	14.885	.0	1481.5	9210.2	4.6

Station 34 Latitude 32° 33.71'N Longitude 127° 44.54'W 29 Apr 1991 GMT 1:34 Bottom 3410 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.778	3.704	34.448	27.377	31.986	27.370	78.1	14.963	.0	1481.6	9357.8	3.4
1020.0	1011.9	3.733	3.658	34.455	27.388	32.089	27.380	77.2	15.118	.0	1481.7	9655.3	8.1
1040.0	1031.7	3.684	3.607	34.459	27.396	32.190	27.388	76.4	15.272	.0	1481.8	9955.8	15.8
1060.0	1051.5	3.651	3.573	34.462	27.402	32.287	27.394	76.0	15.424	.0	1482.0	10259.3	7.0
1080.0	1071.2	3.608	3.529	34.466	27.409	32.387	27.401	75.3	15.575	.0	1482.2	10565.8	3.8
1100.0	1091.0	3.575	3.494	34.470	27.415	32.486	27.407	74.8	15.725	.0	1482.4	10875.2	6.1
1120.0	1110.8	3.514	3.432	34.480	27.430	32.592	27.422	73.5	15.874	.0	1482.5	11187.6	12.9
1140.0	1130.5	3.473	3.390	34.487	27.439	32.694	27.431	72.7	16.020	.0	1482.6	11502.8	7.9
1160.0	1150.3	3.414	3.330	34.495	27.451	32.799	27.443	71.6	16.164	.0	1482.7	11820.9	7.0
1180.0	1170.1	3.366	3.281	34.500	27.460	32.900	27.451	70.8	16.306	.0	1482.9	12141.8	5.9
1200.0	1189.8	3.317	3.231	34.507	27.470	33.003	27.462	69.8	16.447	.0	1483.0	12465.4	6.4
1220.0	1209.6	3.269	3.181	34.512	27.479	33.104	27.470	69.0	16.586	.0	1483.1	12791.8	4.1
1240.0	1229.3	3.220	3.131	34.516	27.487	33.205	27.479	68.3	16.723	.0	1483.3	13120.8	2.4
1260.0	1249.1	3.171	3.082	34.521	27.496	33.306	27.487	67.5	16.859	.0	1483.4	13452.5	3.5
1280.0	1268.9	3.131	3.039	34.525	27.503	33.405	27.494	66.8	16.993	.0	1483.5	13786.9	5.0
1300.0	1288.6	3.111	3.019	34.527	27.506	33.500	27.498	66.6	17.127	.0	1483.8	14123.8	4.2
1320.0	1308.4	3.072	2.978	34.530	27.512	33.599	27.504	66.0	17.259	.0	1484.0	14463.4	5.3
1340.0	1328.1	3.019	2.924	34.532	27.519	33.698	27.510	65.4	17.391	.0	1484.1	14805.5	2.4
1360.0	1347.8	2.988	2.892	34.539	27.527	33.798	27.518	64.7	17.521	.0	1484.3	15150.2	3.9
1380.0	1367.6	2.937	2.839	34.542	27.534	33.898	27.525	64.0	17.649	.0	1484.4	15497.4	-.8
1400.0	1387.3	2.905	2.807	34.547	27.541	33.997	27.532	63.4	17.777	.0	1484.6	15847.1	1.9
1420.0	1407.1	2.894	2.794	34.547	27.542	34.089	27.533	63.3	17.903	.0	1484.9	16199.2	5.7
1440.0	1426.8	2.858	2.757	34.551	27.549	34.188	27.540	62.7	18.029	.0	1485.1	16553.8	-1.0
1460.0	1446.6	2.816	2.713	34.555	27.556	34.287	27.546	62.1	18.154	.0	1485.2	16910.9	6.0
1480.0	1466.3	2.779	2.675	34.558	27.561	34.385	27.552	61.5	18.278	.0	1485.4	17270.4	2.8
1500.0	1486.0	2.750	2.645	34.561	27.566	34.482	27.557	61.1	18.400	.0	1485.6	17632.2	-.1
1520.0	1505.8	2.716	2.610	34.563	27.571	34.579	27.562	60.7	18.522	.0	1485.8	17996.5	1.0
1540.0	1525.5	2.675	2.568	34.567	27.578	34.678	27.569	60.0	18.643	.0	1486.0	18363.1	6.0
1560.0	1545.2	2.637	2.529	34.570	27.583	34.776	27.574	59.4	18.763	.0	1486.1	18732.0	.8
1580.0	1564.9	2.606	2.496	34.572	27.588	34.872	27.578	59.0	18.881	.0	1486.3	19103.3	2.0
1600.0	1584.7	2.586	2.475	34.574	27.591	34.967	27.581	58.8	18.999	.0	1486.6	19476.8	2.8
1620.0	1604.4	2.563	2.450	34.575	27.595	35.062	27.585	58.5	19.116	.0	1486.8	19852.6	.8
1640.0	1624.1	2.532	2.418	34.578	27.600	35.159	27.590	58.0	19.232	.0	1487.0	20230.7	1.1
1660.0	1643.8	2.511	2.396	34.581	27.604	35.254	27.594	57.7	19.348	.0	1487.3	20611.0	2.9
1680.0	1663.5	2.478	2.361	34.583	27.608	35.351	27.599	57.2	19.463	.0	1487.5	20993.6	1.7
1700.0	1683.2	2.424	2.306	34.589	27.618	35.453	27.608	56.2	19.576	.0	1487.6	21378.4	2.3
1720.0	1702.9	2.402	2.283	34.590	27.620	35.547	27.610	56.0	19.689	.0	1487.8	21765.3	2.6
1740.0	1722.7	2.371	2.250	34.593	27.625	35.644	27.616	55.5	19.800	.0	1488.0	22154.5	1.2
1760.0	1742.4	2.345	2.223	34.596	27.630	35.740	27.620	55.1	19.911	.0	1488.2	22545.8	5.0
1780.0	1762.1	2.323	2.200	34.597	27.633	35.835	27.623	54.8	20.021	.0	1488.5	22939.2	2.7
1800.0	1781.8	2.298	2.174	34.600	27.637	35.930	27.627	54.5	20.130	.0	1488.7	23334.7	2.7
1820.0	1801.5	2.271	2.146	34.602	27.641	36.026	27.631	54.0	20.238	.0	1488.9	23732.4	6.5
1840.0	1821.2	2.242	2.115	34.604	27.646	36.122	27.635	53.6	20.346	.0	1489.1	24132.1	1.2
1860.0	1840.9	2.225	2.097	34.607	27.649	36.217	27.639	53.3	20.453	.0	1489.4	24533.9	2.4
1880.0	1860.6	2.208	2.078	34.607	27.651	36.310	27.640	53.2	20.559	.0	1489.7	24937.8	1.6
1900.0	1880.3	2.193	2.062	34.609	27.653	36.403	27.643	53.0	20.665	.0	1489.9	25343.7	.7
1920.0	1899.9	2.175	2.043	34.611	27.657	36.498	27.646	52.6	20.771	.0	1490.2	25751.7	4.5
1940.0	1919.6	2.160	2.026	34.612	27.659	36.591	27.648	52.5	20.876	.0	1490.5	26161.7	.4
1960.0	1939.3	2.142	2.007	34.614	27.662	36.685	27.651	52.3	20.981	.0	1490.7	26573.8	3.7
1980.0	1959.0	2.119	1.982	34.616	27.666	36.780	27.655	51.9	21.085	.0	1491.0	26987.8	-1.9
2000.0	1978.7	2.106	1.968	34.618	27.668	36.873	27.657	51.7	21.189	.0	1491.2	27403.9	4.3
2050.0	2027.9	2.062	1.920	34.622	27.675	37.108	27.664	51.0	21.446	.0	1491.9	28452.8	6.7
2098.0	2075.1	2.023	1.878	34.625	27.681	37.332	27.670	50.5	21.689	.0	1492.5	29471.2	.0

Station 35 Latitude 32° 40.11'N Longitude 127° 41.21'W 29 Apr 1991 GMT 3:48 Bottom 4375 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.945	14.945	33.205	24.601	24.601	24.601	332.7	.000	.0	1505.0	.0	.0
10.0	10.0	14.936	14.934	33.198	24.598	24.642	24.597	333.4	.333	.0	1505.1	1.7	-1.1
20.0	19.9	14.915	14.911	33.195	24.600	24.689	24.600	333.4	.666	.0	1505.2	6.6	8.6
30.0	29.9	14.711	14.707	33.157	24.615	24.748	24.615	332.3	.999	.0	1504.7	14.9	-1.1
40.0	39.8	14.668	14.662	33.151	24.621	24.797	24.619	332.1	1.332	.0	1504.7	26.5	71.8
50.0	49.8	13.401	13.395	32.957	24.733	24.955	24.732	321.5	1.657	.0	1500.5	41.4	15.4
60.0	59.8	13.345	13.337	32.957	24.744	25.011	24.743	320.7	1.979	.0	1500.5	59.6	9.5
70.0	69.7	14.052	14.042	33.162	24.759	25.069	24.757	319.7	2.299	.0	1503.2	80.9	14.6
80.0	79.7	14.203	14.192	33.230	24.781	25.135	24.778	317.9	2.618	.0	1504.0	105.3	27.3
90.0	89.7	14.280	14.267	33.269	24.794	25.193	24.792	316.9	2.935	.0	1504.4	133.0	10.6
100.0	99.6	14.369	14.355	33.326	24.820	25.263	24.817	314.8	3.251	.0	1504.9	163.8	66.9
110.0	109.6	12.067	12.053	33.064	25.076	25.568	25.073	290.2	3.557	.0	1497.1	197.7	398.8
120.0	119.5	11.137	11.123	33.051	25.237	25.776	25.235	275.0	3.838	.0	1493.9	234.5	90.0
130.0	129.5	10.609	10.594	33.079	25.351	25.936	25.349	264.2	4.108	.0	1492.2	274.1	120.6
140.0	139.4	9.906	9.890	33.146	25.524	26.156	25.521	247.9	4.365	.0	1489.9	316.2	212.1
150.0	149.4	9.623	9.607	33.199	25.611	26.289	25.609	239.7	4.609	.0	1489.1	360.9	89.7
160.0	159.3	9.212	9.195	33.224	25.698	26.422	25.695	231.5	4.845	.0	1487.8	407.9	118.9
170.0	169.3	8.982	8.964	33.304	25.796	26.567	25.793	222.3	5.071	.0	1487.2	457.2	101.9
180.0	179.2	8.808	8.789	33.447	25.935	26.751	25.932	209.2	5.286	.0	1486.9	508.7	83.4
190.0	189.1	8.733	8.713	33.541	26.021	26.882	26.017	201.3	5.492	.0	1486.9	562.3	113.9
200.0	199.1	8.663	8.642	33.636	26.106	27.013	26.103	193.4	5.689	.0	1486.9	617.8	67.9
210.0	209.0	8.619	8.597	33.759	26.209	27.162	26.206	183.8	5.877	.0	1487.1	675.3	45.9
220.0	219.0	8.442	8.420	33.804	26.272	27.270	26.268	178.0	6.058	.0	1486.6	734.6	46.2
230.0	228.9	8.339	8.316	33.866	26.336	27.381	26.333	172.0	6.233	.0	1486.5	795.7	58.8
240.0	238.8	8.193	8.169	33.927	26.406	27.496	26.403	165.5	6.401	.0	1486.2	858.5	14.8
250.0	248.8	8.242	8.217	33.982	26.443	27.578	26.439	162.3	6.565	.0	1486.6	922.9	34.8
260.0	258.7	8.059	8.033	33.983	26.470	27.652	26.466	159.7	6.727	.0	1486.1	988.9	35.0
270.0	268.6	7.944	7.917	33.998	26.500	27.727	26.496	157.1	6.885	.0	1485.8	1056.5	42.3
280.0	278.6	7.918	7.890	34.031	26.529	27.802	26.525	154.4	7.041	.0	1485.9	1125.7	25.7
290.0	288.5	7.790	7.761	34.037	26.553	27.872	26.549	152.3	7.194	.0	1485.6	1196.4	31.8
300.0	298.4	7.676	7.647	34.042	26.574	27.939	26.569	150.4	7.345	.0	1485.3	1268.6	23.9
310.0	308.4	7.604	7.574	34.046	26.587	27.998	26.583	149.3	7.495	.0	1485.2	1342.3	20.9
320.0	318.3	7.548	7.517	34.058	26.605	28.062	26.601	147.7	7.643	.0	1485.2	1417.4	10.1
330.0	328.2	7.539	7.507	34.074	26.619	28.121	26.614	146.6	7.791	.0	1485.3	1494.1	26.5
340.0	338.1	7.440	7.407	34.090	26.645	28.193	26.640	144.2	7.936	.0	1485.1	1572.1	6.9
350.0	348.1	7.301	7.267	34.083	26.660	28.254	26.655	142.9	8.080	.0	1484.7	1651.6	14.7
360.0	358.0	7.247	7.213	34.091	26.674	28.314	26.669	141.7	8.222	.0	1484.7	1732.5	25.0
370.0	367.9	7.165	7.130	34.092	26.685	28.372	26.681	140.7	8.363	.0	1484.5	1814.9	13.9
380.0	377.9	7.087	7.051	34.104	26.706	28.439	26.701	138.8	8.503	.0	1484.4	1898.6	11.5
390.0	387.8	7.006	6.970	34.109	26.721	28.500	26.716	137.5	8.641	.0	1484.3	1983.6	23.8
400.0	397.7	6.874	6.837	34.109	26.739	28.565	26.734	135.8	8.778	.0	1483.9	2070.1	10.9
410.0	407.6	6.789	6.751	34.115	26.756	28.627	26.750	134.3	8.913	.0	1483.7	2157.9	15.3
420.0	417.5	6.717	6.679	34.130	26.778	28.696	26.772	132.3	9.046	.0	1483.6	2247.0	3.8
430.0	427.5	6.602	6.563	34.122	26.786	28.751	26.781	131.5	9.178	.0	1483.3	2337.4	7.9
440.0	437.4	6.493	6.454	34.124	26.802	28.813	26.797	130.1	9.309	.0	1483.1	2429.1	27.8
450.0	447.3	6.409	6.369	34.124	26.813	28.871	26.808	129.1	9.439	.0	1482.9	2522.1	10.8
460.0	457.2	6.322	6.281	34.130	26.829	28.933	26.824	127.7	9.567	.0	1482.7	2616.4	16.4
470.0	467.2	6.268	6.226	34.136	26.841	28.991	26.836	126.6	9.694	.0	1482.7	2711.9	18.1
480.0	477.1	6.175	6.133	34.149	26.863	29.060	26.858	124.6	9.820	.0	1482.5	2808.7	21.1
490.0	487.0	6.068	6.026	34.148	26.876	29.120	26.871	123.4	9.944	.0	1482.2	2906.8	6.1
500.0	496.9	5.975	5.931	34.148	26.888	29.178	26.883	122.3	10.067	.0	1482.0	3006.0	10.8
510.0	506.8	5.896	5.852	34.152	26.901	29.238	26.896	121.1	10.188	.0	1481.9	3106.4	17.5
520.0	516.8	5.819	5.774	34.159	26.916	29.299	26.911	119.7	10.309	.0	1481.7	3208.1	16.6
530.0	526.7	5.764	5.719	34.165	26.928	29.357	26.922	118.7	10.428	.0	1481.7	3310.9	18.1
540.0	536.6	5.675	5.629	34.176	26.948	29.424	26.942	116.8	10.546	.0	1481.5	3414.9	16.0
550.0	546.5	5.623	5.577	34.183	26.959	29.482	26.954	115.8	10.663	.0	1481.4	3520.0	3.4
560.0	556.4	5.575	5.528	34.189	26.971	29.539	26.965	114.8	10.778	.0	1481.4	3626.3	6.6
570.0	566.3	5.546	5.498	34.195	26.979	29.594	26.973	114.1	10.893	.0	1481.5	3733.8	21.0
580.0	576.3	5.508	5.460	34.202	26.989	29.650	26.983	113.3	11.006	.0	1481.5	3842.3	16.6
590.0	586.2	5.417	5.368	34.209	27.006	29.713	27.000	111.7	11.119	.0	1481.3	3952.0	6.3
600.0	596.1	5.369	5.319	34.209	27.011	29.765	27.006	111.2	11.230	.0	1481.3	4062.8	13.1
610.0	606.0	5.334	5.283	34.223	27.026	29.826	27.020	109.9	11.340	.0	1481.3	4174.6	18.1
620.0	615.9	5.068	5.018	34.199	27.038	29.888	27.032	108.5	11.450	.0	1480.3	4287.6	10.4
630.0	625.8	5.126	5.075	34.217	27.046	29.940	27.040	108.0	11.558	.0	1480.8	4401.6	9.8
640.0	635.7	5.065	5.013	34.224	27.059	30.000	27.053	106.8	11.665	.0	1480.7	4516.7	6.6
650.0	645.6	5.035	4.983	34.230	27.067	30.054	27.060	106.1	11.772	.0	1480.7	4632.8	24.8
660.0	655.5	4.936	4.883	34.231	27.079	30.114	27.073	104.9	11.877	.0	1480.5	4750.0	7.8
670.0	665.4	4.811	4.758	34.228	27.091	30.174	27.085	103.7	11.981	.0	1480.2	4868.2	8.6
680.0	675.3	4.647	4.594	34.225	27.107	30.238	27.101	102.0	12.084	.0	1479.6	4987.4	10.9
690.0	685.3	4.683	4.629	34.240	27.114	30.290	27.108	101.5	12.186	.0	1480.0	5107.6	12.1
700.0	695.2	4.611	4.557	34.243	27.125	30.348	27.119	100.4	12.287	.0	1479.8	5228.8	9.5
710.0	705.1	4.595	4.540	34.253	27.135	30.403	27.128	99.7	12.387	.0	1479.9	5351.1	5.4
720.0	715.0	4.570	4.514	34.263	27.145	30.460	27.139	98.7	12.486	.0	1480.0	5474.3	13.6
730.0	724.9	4.562	4.505	34.275	27.156	30.517	27.150	97.8	12.585	.0	1480.2	5598.4	8.9
740.0	734.8	4.557	4.500	34.281	27.161	30.567	27.155	97.4	12.682	.0	1480.3	5723.6	17.1
750.0	744.7	4.538	4.480	34.294	27.174	30.626	27.167	96.3	12.779	.0	1480.4	5849.6	7.5
760.0	754.6	4.438	4.379	34.291	27.182	30.682	27.176	95.5	12.875	.0	1480.2	5976.7	7.5
770.0	764.5	4.458	4.399	34.303	27.190	30.735	27.183	94.9	12.970	.0	1480.4	6104.7	11.3
780.0	774.4	4.388	4.328	34.308	27.201	30.794	27.195	93.7	13.064	.0	1480.3	6233.6	10.4
790.0	784.3	4.361	4.301	34.321	27.215	30.853	27.208	92.5	13.158	.0	1480.4	6363.4	23.0
800.0	794.2	4.331	4.269	34.330	27.225	30.909	27.218	91.7	13.250	.0	1480.4	6494.1	8.6
810.0	804.1	4.299	4.237	34.336	27.233	30.964	27.226	90.9	13.341	.0	1480.5	6625.8	9.2
820.0	814.0	4.248	4.186	34.345	27.246	31.023	27.239	89.7	13.431	.0	1480.4	6758.3	9.8
830.0	823.9	4.220	4.157	34.352	27.254	31.078	27.248	89.0	13.521	.0	1480.5	6891.7	9.2
840.0	833.8	4.205	4.141	34.360	27.262	31.132	27.256	88.3	13.609	.0	1480.6	7026.0	3.7
850.0	843.7	4.189	4.125	34.368	27.270	31.186	27.264	87.6	13.698	.0	1480.7	7161.1	9.5
860.0	853.6	4.143	4.078	34.373	27.279	31.242	27.272	86.8	13.785	.0	1480.7	7297.1	1.0
870.0	863.5	4.129	4.063	34.377	27.284	31.292	27.277	86.4	13.871	.0	1480.8	7434.0	3.4
880.0	873.4	4.135	4.069	34.387	27.291	31.345	27.284	85.8	13.957	.0	1481.0	7571.7	7.5
890.0	883.3	4.029	3.962	34.388	27.303	31.405	27.296	84.6	14.043	.0	1480.7	7710.3	11.3
900.0	893.2	4.071	4.003	34.398	27.307	31.453	27.300	84.4	14.127	.0	1481.1	7849.6	7.5
910.0	903.1	3.978	3.910	34.393	27.313	31.507	27.306	83.7	14.211	.0	1480.8	7989.9	9.0
920.0	913.0	3.958	3.890	34.404	27.323	31.563	27.316	82.8	14.295	.0	1480.9	8130.9	13.6
930.0	922.9	3.914	3.845	34.406	27.330	31.617	27.323	82.2	14.377	.0	1480.9	8272.7	6.3
940.0	932.8	3.902	3.832	34.417	27.340	31.673	27.333	81.3	14.459	.0	1481.1	8415.4	7.2
950.0	942.7	3.877	3.806	34.423	27.347	31.725	27.340	80.7	14.540	.0	1481.1	8558.8	16.6
960.0	952.5	3.851	3.779	34.427	27.353	31.778	27.346	80.1	14.620	.0	1481.2	8703.0	5.5
970.0	962.4	3.831	3.760	34.433	27.360	31.831	27.353	79.5	14.700	.0	1481.3	8848.1	5.2
980.0	972.3	3.815	3.742	34.438	27.365	31.882	27.358	79.1	14.779	.0	1481.4	8993.9	15.1
990.0	982.2	3.787	3.714	34.441	27.371	31.934	27.363	78.6	14.858	.0	1481.4	9140.4	3.1

Station 35 Latitude 32° 40.11'N Longitude 127° 41.21'W 29 Apr 1991 GMT 3:48 Bottom 4375 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.774	3.700	34.445	27.375	31.984	27.368	78.3	14.937	.0	1481.5	9287.8	5.8
1020.0	1011.9	3.720	3.645	34.454	27.388	32.089	27.380	77.1	15.092	.0	1481.7	9584.8	3.7
1040.0	1031.7	3.695	3.619	34.459	27.394	32.188	27.387	76.6	15.246	.0	1481.9	9884.8	1.1
1060.0	1051.4	3.634	3.556	34.468	27.408	32.294	27.400	75.3	15.398	.0	1482.0	10187.8	6.7
1080.0	1071.2	3.592	3.513	34.474	27.417	32.395	27.409	74.6	15.548	.0	1482.1	10493.7	-1.2
1100.0	1091.0	3.552	3.472	34.477	27.423	32.494	27.415	74.1	15.696	.0	1482.3	10802.6	.8
1120.0	1110.8	3.513	3.432	34.483	27.431	32.595	27.424	73.3	15.844	.0	1482.5	11114.4	5.2
1140.0	1130.5	3.485	3.402	34.486	27.437	32.692	27.429	72.9	15.990	.0	1482.7	11429.0	5.0
1160.0	1150.3	3.440	3.355	34.491	27.445	32.793	27.437	72.1	16.135	.0	1482.8	11746.5	8.8
1180.0	1170.1	3.381	3.296	34.498	27.456	32.896	27.448	71.1	16.278	.0	1482.9	12066.8	2.6
1200.0	1189.8	3.339	3.252	34.503	27.465	32.998	27.457	70.3	16.419	.0	1483.1	12389.8	2.6
1220.0	1209.6	3.304	3.216	34.507	27.472	33.096	27.463	69.8	16.559	.0	1483.3	12715.7	2.4
1240.0	1229.3	3.270	3.181	34.514	27.480	33.197	27.472	69.0	16.698	.0	1483.5	13044.2	.9
1260.0	1249.1	3.232	3.142	34.517	27.486	33.295	27.478	68.5	16.836	.0	1483.6	13375.5	3.6
1280.0	1268.8	3.203	3.111	34.522	27.493	33.394	27.485	67.9	16.972	.0	1483.9	13709.4	2.1
1300.0	1288.6	3.139	3.046	34.524	27.501	33.494	27.492	67.2	17.107	.0	1483.9	14045.9	.1
1320.0	1308.3	3.091	2.997	34.530	27.511	33.597	27.502	66.2	17.240	.0	1484.0	14385.1	5.0
1340.0	1328.1	3.050	2.955	34.533	27.516	33.695	27.508	65.7	17.372	.0	1484.2	14726.9	2.4
1360.0	1347.8	3.019	2.923	34.536	27.522	33.792	27.513	65.3	17.503	.0	1484.4	15071.2	1.5
1380.0	1367.6	2.992	2.894	34.538	27.526	33.888	27.517	64.9	17.633	.0	1484.6	15418.0	6.3
1400.0	1387.3	2.948	2.849	34.542	27.533	33.988	27.524	64.2	17.762	.0	1484.8	15767.4	2.2
1420.0	1407.1	2.905	2.805	34.546	27.540	34.087	27.531	63.6	17.890	.0	1484.9	16119.3	6.3
1440.0	1426.8	2.867	2.766	34.548	27.545	34.184	27.536	63.1	18.017	.0	1485.1	16473.7	-.2
1460.0	1446.5	2.835	2.733	34.550	27.550	34.281	27.541	62.7	18.143	.0	1485.3	16830.5	3.1
1480.0	1466.3	2.800	2.696	34.553	27.555	34.379	27.546	62.1	18.267	.0	1485.5	17189.7	.4
1500.0	1486.0	2.760	2.654	34.557	27.562	34.478	27.553	61.5	18.391	.0	1485.7	17551.4	2.8
1520.0	1505.7	2.743	2.636	34.558	27.565	34.572	27.556	61.3	18.514	.0	1485.9	17915.5	5.7
1540.0	1525.5	2.718	2.610	34.562	27.570	34.669	27.561	60.9	18.636	.0	1486.1	18281.9	2.5
1560.0	1545.2	2.673	2.564	34.564	27.576	34.766	27.566	60.3	18.757	.0	1486.3	18650.7	4.3
1580.0	1564.9	2.641	2.531	34.566	27.580	34.863	27.570	59.9	18.877	.0	1486.5	19021.9	1.4
1600.0	1584.6	2.620	2.508	34.569	27.585	34.959	27.575	59.5	18.997	.0	1486.7	19395.4	1.7
1620.0	1604.3	2.586	2.473	34.569	27.588	35.054	27.578	59.2	19.115	.0	1486.9	19771.1	.5
1640.0	1624.1	2.554	2.440	34.573	27.593	35.152	27.584	58.7	19.233	.0	1487.1	20149.2	4.3
1660.0	1643.8	2.532	2.417	34.575	27.597	35.247	27.587	58.3	19.351	.0	1487.4	20529.6	5.8
1680.0	1663.5	2.506	2.389	34.576	27.600	35.341	27.590	58.1	19.467	.0	1487.6	20912.2	2.0
1700.0	1683.2	2.486	2.367	34.579	27.605	35.437	27.595	57.7	19.583	.0	1487.8	21297.1	2.0
1720.0	1702.9	2.457	2.337	34.582	27.610	35.534	27.600	57.2	19.698	.0	1488.0	21684.2	1.5
1740.0	1722.6	2.434	2.313	34.586	27.615	35.630	27.604	56.8	19.812	.0	1488.3	22073.6	5.0
1760.0	1742.3	2.412	2.290	34.589	27.618	35.726	27.608	56.4	19.925	.0	1488.5	22465.1	4.4
1780.0	1762.1	2.387	2.263	34.590	27.622	35.821	27.612	56.1	20.038	.0	1488.8	22858.9	2.1
1800.0	1781.8	2.346	2.222	34.592	27.627	35.918	27.617	55.6	20.149	.0	1488.9	23254.8	3.3
1820.0	1801.4	2.320	2.193	34.595	27.632	36.014	27.621	55.1	20.260	.0	1489.1	23652.8	2.7
1840.0	1821.2	2.295	2.167	34.597	27.636	36.110	27.625	54.8	20.370	.0	1489.4	24053.0	2.1
1860.0	1840.8	2.270	2.141	34.600	27.640	36.205	27.629	54.4	20.479	.0	1489.6	24455.3	3.6
1880.0	1860.5	2.237	2.107	34.603	27.645	36.302	27.634	53.9	20.587	.0	1489.8	24859.7	1.0
1900.0	1880.2	2.212	2.080	34.606	27.649	36.398	27.639	53.4	20.694	.0	1490.0	25266.2	.4
1920.0	1899.9	2.190	2.058	34.607	27.652	36.493	27.642	53.1	20.801	.0	1490.3	25674.7	.4
1940.0	1919.6	2.176	2.041	34.609	27.655	36.587	27.645	52.9	20.907	.0	1490.5	26085.3	3.1
1960.0	1939.3	2.149	2.014	34.612	27.660	36.682	27.649	52.5	21.012	.0	1490.8	26498.0	2.8
1980.0	1959.0	2.122	1.986	34.615	27.664	36.778	27.653	52.0	21.117	.0	1491.0	26912.7	-.1
2000.0	1978.7	2.105	1.967	34.617	27.667	36.872	27.656	51.7	21.221	.0	1491.2	27329.3	-.1
2050.0	2027.9	2.056	1.914	34.621	27.675	37.108	27.664	51.0	21.478	.0	1491.9	28379.8	-.7
2096.0	2073.1	2.015	1.870	34.625	27.681	37.324	27.670	50.4	21.711	.0	1492.5	29357.0	.0

Station 36 Latitude 32° 54.24'N Longitude 127° 34.44'W 29 Apr 1991 GMT 6:58 Bottom 4470 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.929	14.929	33.114	24.534	24.534	24.534	339.1	.000	.0	1504.9	.0	.0
10.0	10.0	14.931	14.930	33.113	24.533	24.578	24.533	339.5	.339	.0	1505.0	1.7	-.2
20.0	19.9	14.941	14.938	33.118	24.535	24.624	24.535	339.6	.679	.0	1505.2	6.8	6.3
30.0	29.9	14.916	14.912	33.156	24.570	24.703	24.569	336.6	1.017	.0	1505.3	15.2	21.2
40.0	39.8	14.597	14.591	33.191	24.666	24.843	24.665	327.7	1.351	.0	1504.5	27.0	94.7
50.0	49.8	14.455	14.448	33.185	24.692	24.913	24.690	325.6	1.678	.0	1504.2	42.1	31.4
60.0	59.8	14.421	14.412	33.201	24.712	24.977	24.710	323.9	2.002	.0	1504.3	60.4	9.1
70.0	69.7	14.227	14.217	33.178	24.735	25.045	24.732	322.0	2.326	.0	1503.8	82.0	30.5
80.0	79.7	13.835	13.824	33.090	24.748	25.103	24.746	321.0	2.647	.0	1502.6	106.8	12.0
90.0	89.7	13.950	13.937	33.190	24.802	25.201	24.800	316.1	2.966	.0	1503.2	134.7	157.5
100.0	99.6	14.270	14.256	33.448	24.935	25.377	24.932	303.9	3.277	.0	1504.8	165.8	217.7
110.0	109.6	12.195	12.181	33.147	25.117	25.608	25.114	286.5	3.576	.0	1497.6	199.9	332.1
120.0	119.5	10.851	10.837	33.042	25.281	25.820	25.278	270.8	3.854	.0	1492.9	236.9	128.3
130.0	129.5	10.504	10.489	33.112	25.396	25.981	25.393	260.0	4.120	.0	1491.9	276.6	209.6
140.0	139.4	10.185	10.169	33.243	25.552	26.183	25.549	245.2	4.371	.0	1491.1	318.8	54.4
150.0	149.4	10.078	10.061	33.358	25.660	26.336	25.657	235.2	4.610	.0	1491.0	363.5	103.8
160.0	159.3	9.890	9.872	33.427	25.746	26.467	25.742	227.2	4.842	.0	1490.6	410.5	151.6
170.0	169.3	9.902	9.883	33.576	25.860	26.626	25.857	216.6	5.062	.0	1491.0	459.8	32.1
180.0	179.2	9.728	9.708	33.619	25.923	26.735	25.919	210.8	5.277	.0	1490.5	511.2	113.8
190.0	189.1	9.666	9.644	33.721	26.013	26.870	26.009	202.4	5.484	.0	1490.6	564.7	93.9
200.0	199.1	9.511	9.489	33.767	26.075	26.978	26.071	196.7	5.683	.0	1490.3	620.2	88.3
210.0	209.0	9.396	9.372	33.829	26.142	27.091	26.138	190.5	5.877	.0	1490.1	677.6	88.9
220.0	218.9	9.295	9.271	33.876	26.195	27.189	26.191	185.6	6.065	.0	1489.9	737.0	65.1
230.0	228.9	9.281	9.256	33.920	26.232	27.271	26.228	182.4	6.248	.0	1490.1	798.1	43.8
240.0	238.8	9.252	9.225	33.946	26.257	27.342	26.253	180.2	6.429	.0	1490.2	861.1	13.0
250.0	248.8	9.143	9.116	33.971	26.295	27.424	26.290	176.8	6.607	.0	1490.0	925.9	39.1
260.0	258.7	9.047	9.019	33.999	26.331	27.507	26.327	173.5	6.783	.0	1489.8	992.4	51.1
270.0	268.6	8.889	8.860	34.027	26.379	27.601	26.374	169.1	6.954	.0	1489.4	1060.7	59.5
280.0	278.6	8.755	8.726	34.051	26.419	27.686	26.414	165.4	7.121	.0	1489.1	1130.6	51.9
290.0	288.5	8.562	8.531	34.059	26.455	27.768	26.450	162.1	7.284	.0	1488.6	1202.1	30.8
300.0	298.4	8.419	8.388	34.061	26.479	27.839	26.474	159.9	7.445	.0	1488.2	1275.2	25.5
310.0	308.4	8.341	8.309	34.073	26.500	27.905	26.495	158.1	7.604	.0	1488.1	1350.0	27.5
320.0	318.3	8.227	8.194	34.079	26.522	27.973	26.517	156.1	7.761	.0	1487.8	1426.3	23.7
330.0	328.2	8.138	8.104	34.083	26.539	28.036	26.534	154.6	7.916	.0	1487.6	1504.1	18.1
340.0	338.1	8.010	7.975	34.085	26.559	28.103	26.554	152.8	8.069	.0	1487.3	1583.5	4.4
350.0	348.1	7.869	7.834	34.091	26.585	28.175	26.580	150.4	8.222	.0	1486.9	1664.3	37.7
360.0	358.0	7.699	7.663	34.084	26.604	28.241	26.599	148.6	8.371	.0	1486.4	1746.7	27.1
370.0	367.9	7.549	7.513	34.089	26.629	28.313	26.624	146.3	8.519	.0	1486.0	1830.5	22.1
380.0	377.9	7.446	7.409	34.089	26.644	28.374	26.639	144.9	8.664	.0	1485.8	1915.8	16.3
390.0	387.8	7.351	7.314	34.100	26.666	28.442	26.661	143.0	8.808	.0	1485.6	2002.5	19.5
400.0	397.7	7.232	7.194	34.097	26.680	28.503	26.675	141.7	8.950	.0	1485.3	2090.7	26.5
410.0	407.6	7.109	7.070	34.105	26.704	28.573	26.699	139.5	9.090	.0	1485.0	2180.2	5.7
420.0	417.6	7.061	7.022	34.109	26.714	28.628	26.708	138.7	9.229	.0	1485.0	2271.1	30.3
430.0	427.5	6.889	6.849	34.118	26.745	28.706	26.739	135.8	9.366	.0	1484.5	2363.4	19.1
440.0	437.4	6.834	6.793	34.121	26.755	28.762	26.749	135.0	9.502	.0	1484.4	2457.0	24.1
450.0	447.3	6.785	6.743	34.132	26.770	28.823	26.764	133.6	9.636	.0	1484.4	2551.9	15.9
460.0	457.3	6.693	6.651	34.142	26.790	28.890	26.785	131.7	9.769	.0	1484.2	2648.2	6.5
470.0	467.2	6.614	6.571	34.145	26.804	28.950	26.798	130.5	9.900	.0	1484.1	2745.7	13.8
480.0	477.1	6.517	6.474	34.153	26.823	29.015	26.817	128.8	10.030	.0	1483.9	2844.6	12.1
490.0	487.0	6.419	6.376	34.152	26.834	29.074	26.829	127.7	10.158	.0	1483.6	2944.7	21.4
500.0	496.9	6.329	6.284	34.148	26.844	29.129	26.838	126.9	10.285	.0	1483.4	3046.1	15.0
510.0	506.9	6.217	6.172	34.140	26.852	29.184	26.846	126.1	10.412	.0	1483.1	3148.7	6.7
520.0	516.8	6.000	5.954	34.122	26.865	29.246	26.859	124.8	10.537	.0	1482.4	3252.6	11.7
530.0	526.7	5.840	5.795	34.114	26.878	29.307	26.873	123.4	10.661	.0	1481.9	3357.8	11.1
540.0	536.6	5.730	5.684	34.116	26.894	29.370	26.888	122.0	10.784	.0	1481.6	3464.1	-1.5
550.0	546.5	5.718	5.672	34.133	26.909	29.430	26.903	120.7	10.906	.0	1481.8	3571.6	22.2
560.0	556.4	5.568	5.521	34.125	26.921	29.490	26.915	119.5	11.026	.0	1481.3	3680.4	7.5
570.0	566.3	5.466	5.418	34.143	26.947	29.563	26.941	117.0	11.144	.0	1481.1	3790.3	18.9
580.0	576.3	5.432	5.384	34.145	26.952	29.615	26.947	116.6	11.261	.0	1481.1	3901.3	4.3
590.0	586.2	5.411	5.362	34.154	26.962	29.670	26.956	115.7	11.377	.0	1481.2	4013.5	12.2
600.0	596.1	5.408	5.358	34.168	26.974	29.728	26.968	114.7	11.492	.0	1481.4	4126.9	8.1
610.0	606.0	5.368	5.318	34.175	26.985	29.784	26.979	113.8	11.606	.0	1481.4	4241.4	11.9
620.0	615.9	5.307	5.256	34.182	26.997	29.844	26.992	112.6	11.720	.0	1481.3	4357.0	23.9
630.0	625.8	5.244	5.192	34.187	27.009	29.902	27.003	111.6	11.832	.0	1481.2	4473.7	2.2
640.0	635.7	5.085	5.034	34.183	27.024	29.965	27.018	110.1	11.943	.0	1480.7	4591.5	12.2
650.0	645.6	5.132	5.079	34.201	27.032	30.018	27.026	109.5	12.052	.0	1481.1	4710.4	7.2
660.0	655.5	5.096	5.042	34.219	27.052	30.084	27.045	107.7	12.161	.0	1481.1	4830.4	10.4
670.0	665.5	5.067	5.013	34.223	27.058	30.136	27.052	107.2	12.268	.0	1481.2	4951.4	12.2
680.0	675.4	4.967	4.913	34.229	27.074	30.200	27.068	105.6	12.375	.0	1481.0	5073.5	9.3
690.0	685.3	4.951	4.896	34.246	27.089	30.260	27.083	104.3	12.480	.0	1481.1	5196.6	16.0
700.0	695.2	4.947	4.891	34.258	27.100	30.317	27.094	103.4	12.584	.0	1481.2	5320.8	4.0
710.0	705.1	4.940	4.883	34.268	27.108	30.371	27.102	102.7	12.687	.0	1481.4	5445.9	17.8
720.0	715.0	4.869	4.812	34.285	27.130	30.439	27.123	100.7	12.788	.0	1481.3	5572.1	7.5
730.0	724.9	4.840	4.781	34.294	27.141	30.496	27.134	99.7	12.888	.0	1481.3	5699.3	13.4
740.0	734.8	4.815	4.756	34.302	27.149	30.551	27.143	99.0	12.988	.0	1481.4	5827.4	4.0
750.0	744.7	4.780	4.721	34.312	27.162	30.609	27.155	97.9	13.086	.0	1481.5	5956.5	19.2
760.0	754.6	4.716	4.656	34.314	27.170	30.665	27.164	97.0	13.184	.0	1481.4	6086.6	12.2
770.0	764.5	4.518	4.458	34.302	27.182	30.726	27.176	95.7	13.280	.0	1480.7	6217.7	-9.2
780.0	774.4	4.497	4.436	34.306	27.188	30.778	27.182	95.2	13.375	.0	1480.8	6349.6	18.3
790.0	784.3	4.403	4.342	34.306	27.198	30.835	27.191	94.2	13.470	.0	1480.5	6482.5	4.8
800.0	794.2	4.407	4.346	34.312	27.202	30.885	27.196	93.9	13.564	.0	1480.7	6616.4	5.4
810.0	804.1	4.452	4.389	34.335	27.217	30.944	27.210	92.7	13.657	.0	1481.1	6751.1	5.7
820.0	814.0	4.434	4.371	34.339	27.222	30.995	27.215	92.4	13.750	.0	1481.2	6886.8	7.8
830.0	823.9	4.371	4.307	34.346	27.234	31.054	27.227	91.2	13.841	.0	1481.1	7023.4	2.2
840.0	833.8	4.350	4.285	34.352	27.241	31.107	27.234	90.6	13.932	.0	1481.2	7160.8	4.6
850.0	843.7	4.334	4.269	34.359	27.248	31.160	27.241	90.0	14.023	.0	1481.3	7299.2	8.7
860.0	853.6	4.439	4.372	34.386	27.258	31.214	27.251	89.3	14.112	.0	1481.9	7438.4	11.7
870.0	863.5	4.410	4.343	34.392	27.267	31.268	27.260	88.6	14.201	.0	1482.0	7578.6	3.5
880.0	873.4	4.356	4.288	34.394	27.274	31.322	27.267	87.9	14.289	.0	1481.9	7719.5	11.1
890.0	883.3	4.307	4.239	34.395	27.280	31.375	27.272	87.4	14.377	.0	1481.9	7861.4	3.2
900.0	893.2	4.251	4.182	34.398	27.289	31.431	27.281	86.5	14.464	.0	1481.8	8004.1	12.2
910.0	903.1	4.242	4.172	34.410	27.299	31.487	27.292	85.6	14.550	.0	1482.0	8147.6	6.4
920.0	913.0	4.225	4.154	34.418	27.308	31.541	27.300	84.9	14.636	.0	1482.1	8292.0	9.0
930.0	922.9	4.195	4.124	34.416	27.309	31.588	27.301	84.8	14.721	.0	1482.1	8437.3	24.6
940.0	932.8	4.157	4.085	34.420	27.316	31.642	27.308	84.2	14.805	.0	1482.1	8583.3	8.2
950.0	942.7	4.128	4.056	34.424	27.323	31.695	27.315	83.6	14.889	.0	1482.2	8730.2	6.1
960.0	952.6	4.101	4.028	34.430	27.330	31.748	27.322	82.9	14.972	.0	1482.2	8877.9	13.4
970.0	962.5	4.067	3.993	34.432	27.336	31.801	27.328	82.4	15.055	.0	1482.3	9026.4	8.2
980.0	972.3	4.025	3.951	34.434	27.341	31.853	27.333	81.9	15.137	.0	1482.3	9175.8	9.6
990.0	982.2	3.992	3.918	34.437	27.347	31.905	27.340	81.3	15.219	.0	1482.3	9325.9	7.6

Station 36 Latitude 32° 54.24'N Longitude 127° 34.44'W 29 Apr 1991 GMT 6:58 Bottom 4470 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.982	3.906	34.441	27.351	31.955	27.344	81.0	15.300	.0	1482.4	9476.8	4.7
1020.0	1011.9	3.933	3.856	34.451	27.364	32.060	27.357	79.8	15.461	.0	1482.5	9781.0	4.1
1040.0	1031.7	3.871	3.793	34.453	27.373	32.161	27.365	79.1	15.620	.0	1482.6	10088.4	6.7
1060.0	1051.5	3.772	3.693	34.459	27.387	32.270	27.379	77.6	15.776	.0	1482.5	10398.8	8.2
1080.0	1071.2	3.717	3.638	34.463	27.396	32.371	27.388	76.9	15.930	.0	1482.6	10712.3	6.1
1100.0	1091.0	3.658	3.577	34.471	27.408	32.476	27.400	75.7	16.083	.0	1482.7	11028.8	4.4
1120.0	1110.8	3.632	3.549	34.475	27.414	32.574	27.406	75.3	16.234	.0	1483.0	11348.2	5.9
1140.0	1130.6	3.578	3.494	34.484	27.426	32.678	27.418	74.2	16.383	.0	1483.1	11670.6	6.2
1160.0	1150.3	3.509	3.424	34.485	27.434	32.779	27.426	73.4	16.531	.0	1483.1	11995.9	3.8
1180.0	1170.1	3.438	3.352	34.487	27.443	32.881	27.435	72.5	16.677	.0	1483.2	12324.0	6.7
1200.0	1189.8	3.357	3.270	34.490	27.453	32.985	27.445	71.5	16.821	.0	1483.1	12655.0	5.3
1220.0	1209.6	3.315	3.227	34.500	27.465	33.089	27.456	70.5	16.963	.0	1483.3	12988.8	5.3
1240.0	1229.4	3.261	3.172	34.506	27.475	33.192	27.467	69.5	17.102	.0	1483.4	13325.3	.6
1260.0	1249.1	3.229	3.138	34.512	27.483	33.292	27.475	68.8	17.241	.0	1483.6	13664.5	5.6
1280.0	1268.9	3.180	3.089	34.517	27.492	33.393	27.483	68.0	17.378	.0	1483.7	14006.5	6.2
1300.0	1288.6	3.133	3.040	34.520	27.498	33.492	27.489	67.4	17.513	.0	1483.9	14351.0	-1.4
1320.0	1308.4	3.120	3.026	34.524	27.503	33.588	27.494	67.0	17.647	.0	1484.2	14698.2	4.8
1340.0	1328.1	3.094	2.998	34.529	27.510	33.686	27.501	66.5	17.781	.0	1484.4	15048.0	3.9
1360.0	1347.9	3.056	2.959	34.533	27.516	33.785	27.507	65.9	17.913	.0	1484.6	15400.4	2.4
1380.0	1367.6	3.025	2.927	34.536	27.522	33.883	27.513	65.4	18.044	.0	1484.8	15755.4	3.6
1400.0	1387.3	2.982	2.882	34.539	27.528	33.981	27.519	64.8	18.174	.0	1484.9	16112.9	3.0
1420.0	1407.1	2.949	2.848	34.543	27.534	34.079	27.525	64.3	18.304	.0	1485.1	16472.9	2.2
1440.0	1426.8	2.923	2.820	34.547	27.540	34.177	27.531	63.8	18.432	.0	1485.3	16835.4	4.2
1460.0	1446.6	2.885	2.781	34.550	27.546	34.275	27.537	63.2	18.559	.0	1485.5	17200.4	3.1
1480.0	1466.3	2.849	2.744	34.554	27.552	34.374	27.543	62.6	18.684	.0	1485.7	17567.9	2.5
1500.0	1486.0	2.827	2.721	34.557	27.556	34.469	27.547	62.3	18.809	.0	1485.9	17937.8	3.1
1520.0	1505.8	2.795	2.688	34.558	27.560	34.565	27.551	61.9	18.934	.0	1486.1	18310.1	3.1
1540.0	1525.5	2.765	2.657	34.560	27.565	34.661	27.555	61.5	19.057	.0	1486.3	18684.9	1.4
1560.0	1545.2	2.728	2.619	34.562	27.570	34.758	27.560	61.1	19.180	.0	1486.5	19062.0	3.1
1580.0	1564.9	2.698	2.587	34.567	27.576	34.857	27.566	60.5	19.301	.0	1486.7	19441.5	2.9
1600.0	1584.7	2.656	2.544	34.570	27.582	34.955	27.572	59.9	19.422	.0	1486.9	19823.3	9.9
1620.0	1604.4	2.619	2.506	34.571	27.587	35.051	27.577	59.5	19.541	.0	1487.1	20207.5	1.4
1640.0	1624.1	2.594	2.479	34.574	27.591	35.148	27.581	59.0	19.659	.0	1487.3	20594.0	2.3
1660.0	1643.8	2.547	2.431	34.577	27.598	35.247	27.588	58.4	19.777	.0	1487.4	20982.7	1.1
1680.0	1663.5	2.526	2.408	34.580	27.602	35.342	27.592	58.0	19.893	.0	1487.7	21373.8	1.2
1700.0	1683.2	2.492	2.373	34.584	27.608	35.440	27.598	57.4	20.009	.0	1487.9	21767.1	3.8
1720.0	1702.9	2.461	2.342	34.587	27.613	35.537	27.603	56.9	20.123	.0	1488.1	22162.6	2.4
1740.0	1722.6	2.435	2.314	34.589	27.617	35.633	27.607	56.5	20.237	.0	1488.3	22560.3	1.2
1760.0	1742.3	2.417	2.294	34.591	27.620	35.727	27.610	56.3	20.350	.0	1488.5	22960.2	1.8
1780.0	1762.1	2.364	2.240	34.593	27.626	35.826	27.616	55.6	20.461	.0	1488.7	23362.3	-1.1
1800.0	1781.8	2.342	2.217	34.594	27.629	35.921	27.619	55.3	20.572	.0	1488.9	23766.5	1.5
1820.0	1801.5	2.313	2.187	34.597	27.634	36.017	27.623	54.9	20.682	.0	1489.1	24172.9	2.4
1840.0	1821.2	2.292	2.164	34.599	27.638	36.112	27.627	54.6	20.792	.0	1489.4	24581.4	3.6
1860.0	1840.8	2.277	2.148	34.601	27.640	36.206	27.630	54.3	20.901	.0	1489.6	24992.0	3.6
1880.0	1860.6	2.257	2.127	34.604	27.644	36.301	27.633	54.0	21.009	.0	1489.9	25404.7	2.2
1900.0	1880.2	2.236	2.104	34.606	27.648	36.396	27.637	53.7	21.117	.0	1490.1	25819.5	1.6
1920.0	1899.9	2.221	2.088	34.606	27.649	36.488	27.638	53.6	21.224	.0	1490.4	26236.4	2.8
1940.0	1919.6	2.197	2.063	34.609	27.653	36.583	27.642	53.2	21.331	.0	1490.6	26655.3	3.7
1960.0	1939.3	2.164	2.028	34.612	27.659	36.680	27.648	52.6	21.437	.0	1490.8	27076.3	2.8
1980.0	1959.0	2.144	2.007	34.613	27.662	36.775	27.650	52.4	21.542	.0	1491.1	27499.3	1.4
2000.0	1978.7	2.134	1.995	34.615	27.664	36.867	27.653	52.2	21.646	.0	1491.4	27924.4	1.4
2050.0	2027.9	2.077	1.935	34.620	27.672	37.104	27.661	51.4	21.905	.0	1492.0	28995.8	1.4
2098.0	2075.1	2.029	1.883	34.627	27.682	37.332	27.670	50.5	22.150	.0	1492.6	30036.0	.0

Station 37 Latitude 32° 47.28'N Longitude 127° 16.29'W 30 Apr 1991 GMT 10:06 Bottom 4325 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.983	14.983	33.216	24.601	24.601	24.601	332.7	.000	.0	1505.1	.0	.0
10.0	10.0	14.987	14.985	33.216	24.601	24.645	24.600	333.1	.333	.0	1505.3	1.7	-.5
20.0	19.9	14.991	14.988	33.216	24.600	24.689	24.600	333.4	.666	.0	1505.5	6.6	-1.0
30.0	29.9	14.990	14.986	33.216	24.601	24.733	24.600	333.7	1.000	.0	1505.7	14.9	.7
40.0	39.8	14.849	14.843	33.193	24.614	24.791	24.613	332.7	1.333	.0	1505.3	26.6	70.1
50.0	49.8	14.181	14.174	33.087	24.674	24.895	24.672	327.3	1.662	.0	1503.2	41.5	16.7
60.0	59.8	14.184	14.176	33.125	24.703	24.969	24.701	324.8	1.988	.0	1503.4	59.7	39.0
70.0	69.7	14.455	14.444	33.220	24.719	25.029	24.717	323.5	2.312	.0	1504.6	81.1	11.5
80.0	79.7	14.436	14.424	33.260	24.755	25.109	24.753	320.4	2.634	.0	1504.7	105.7	30.2
90.0	89.7	14.309	14.296	33.261	24.782	25.181	24.779	318.1	2.953	.0	1504.5	133.5	16.8
100.0	99.6	13.831	13.817	33.218	24.848	25.292	24.846	312.0	3.269	.0	1503.0	164.5	199.1
110.0	109.6	11.604	11.591	33.008	25.119	25.612	25.116	286.1	3.568	.0	1495.4	198.5	150.1
120.0	119.5	11.393	11.379	33.112	25.238	25.776	25.236	274.9	3.849	.0	1494.9	235.5	152.7
130.0	129.5	10.378	10.363	33.072	25.386	25.972	25.383	260.8	4.114	.0	1491.4	275.1	110.9
140.0	139.4	10.224	10.208	33.110	25.442	26.073	25.439	255.7	4.371	.0	1491.1	317.3	23.9
150.0	149.4	9.968	9.951	33.211	25.564	26.241	25.561	244.3	4.623	.0	1490.4	362.0	202.8
160.0	159.3	9.616	9.598	33.322	25.709	26.432	25.706	230.6	4.859	.0	1489.4	409.2	121.9
170.0	169.3	9.388	9.370	33.425	25.826	26.595	25.823	219.6	5.084	.0	1488.9	458.7	66.5
180.0	179.2	9.329	9.309	33.495	25.891	26.705	25.888	213.7	5.301	.0	1488.9	510.3	143.8
190.0	189.1	9.247	9.226	33.674	26.044	26.903	26.041	199.3	5.507	.0	1489.0	564.0	78.0
200.0	199.1	9.210	9.188	33.745	26.106	27.010	26.102	193.7	5.703	.0	1489.1	619.8	41.9
210.0	209.0	9.136	9.113	33.813	26.171	27.121	26.167	187.6	5.894	.0	1489.1	677.4	81.2
220.0	219.0	9.054	9.030	33.867	26.226	27.222	26.222	182.6	6.080	.0	1489.0	736.9	117.8
230.0	228.9	9.011	8.986	33.892	26.253	27.293	26.249	180.3	6.261	.0	1489.1	798.2	20.9
240.0	238.8	8.882	8.856	33.933	26.305	27.392	26.301	175.4	6.439	.0	1488.8	861.3	63.0
250.0	248.8	8.748	8.722	33.966	26.352	27.484	26.348	171.1	6.611	.0	1488.5	926.2	35.5
260.0	258.7	8.602	8.575	33.999	26.401	27.579	26.397	166.6	6.780	.0	1488.1	992.7	49.8
270.0	268.6	8.490	8.462	34.018	26.433	27.657	26.429	163.7	6.945	.0	1487.9	1060.9	20.8
280.0	278.6	8.372	8.343	34.029	26.461	27.730	26.456	161.2	7.107	.0	1487.6	1130.6	38.6
290.0	288.5	8.288	8.259	34.043	26.484	27.800	26.480	159.1	7.267	.0	1487.5	1202.0	11.7
300.0	298.4	8.167	8.136	34.056	26.513	27.874	26.508	156.5	7.425	.0	1487.2	1275.0	17.2
310.0	308.4	8.127	8.095	34.060	26.522	27.929	26.517	155.8	7.581	.0	1487.2	1349.5	9.3
320.0	318.3	8.045	8.013	34.058	26.532	27.985	26.528	155.0	7.737	.0	1487.1	1425.5	30.7
330.0	328.2	7.985	7.951	34.068	26.549	28.048	26.544	153.5	7.891	.0	1487.0	1503.1	14.3
340.0	338.1	7.908	7.874	34.088	26.576	28.121	26.571	151.1	8.043	.0	1486.9	1582.2	20.7
350.0	348.1	7.815	7.781	34.093	26.594	28.185	26.589	149.5	8.193	.0	1486.7	1662.9	17.8
360.0	358.0	7.681	7.646	34.089	26.611	28.247	26.605	148.0	8.342	.0	1486.4	1744.9	9.0
370.0	367.9	7.455	7.420	34.081	26.636	28.321	26.631	145.5	8.489	.0	1485.6	1828.5	15.7
380.0	377.9	7.309	7.272	34.078	26.655	28.386	26.650	143.8	8.633	.0	1485.2	1913.5	6.3
390.0	387.8	7.175	7.138	34.083	26.678	28.455	26.673	141.7	8.776	.0	1484.9	1999.9	9.8
400.0	397.7	7.082	7.045	34.081	26.689	28.512	26.684	140.8	8.917	.0	1484.7	2087.7	34.7
410.0	407.6	6.888	6.850	34.081	26.715	28.586	26.710	138.2	9.056	.0	1484.1	2176.9	19.4
420.0	417.6	6.834	6.795	34.091	26.731	28.648	26.726	136.8	9.194	.0	1484.0	2267.4	18.2
430.0	427.5	6.727	6.688	34.095	26.749	28.712	26.743	135.2	9.330	.0	1483.8	2359.3	39.6
440.0	437.4	6.607	6.567	34.104	26.772	28.782	26.766	133.1	9.463	.0	1483.5	2452.6	11.7
450.0	447.3	6.470	6.430	34.107	26.792	28.849	26.787	131.1	9.596	.0	1483.1	2547.1	26.1
460.0	457.3	6.369	6.328	34.102	26.801	28.905	26.796	130.4	9.726	.0	1482.9	2643.0	29.9
470.0	467.2	6.206	6.165	34.101	26.821	28.972	26.816	128.4	9.856	.0	1482.4	2740.1	18.4
480.0	477.1	5.949	5.908	34.074	26.833	29.033	26.828	127.2	9.983	.0	1481.5	2838.5	22.2
490.0	487.0	5.800	5.758	34.068	26.847	29.094	26.841	125.8	10.109	.0	1481.0	2938.2	5.7
500.0	496.9	5.953	5.910	34.108	26.859	29.150	26.854	125.0	10.235	.0	1481.9	3039.1	3.4
510.0	506.9	6.038	5.993	34.142	26.876	29.211	26.870	123.7	10.359	.0	1482.4	3141.2	15.5
520.0	516.8	5.992	5.947	34.151	26.888	29.270	26.883	122.5	10.482	.0	1482.4	3244.5	13.4
530.0	526.7	5.929	5.883	34.154	26.899	29.326	26.893	121.6	10.604	.0	1482.3	3349.1	24.9
540.0	536.6	5.787	5.740	34.157	26.919	29.394	26.913	119.7	10.724	.0	1481.9	3454.8	5.2
550.0	546.5	5.675	5.628	34.166	26.940	29.462	26.934	117.7	10.843	.0	1481.6	3561.8	6.1
560.0	556.4	5.624	5.577	34.168	26.948	29.516	26.942	117.0	10.960	.0	1481.6	3669.8	16.9
570.0	566.3	5.517	5.469	34.170	26.962	29.577	26.956	115.6	11.076	.0	1481.3	3779.1	17.5
580.0	576.3	5.477	5.428	34.183	26.978	29.639	26.972	114.3	11.191	.0	1481.3	3889.5	12.5
590.0	586.2	5.429	5.380	34.187	26.986	29.694	26.980	113.5	11.305	.0	1481.3	4001.0	1.7
600.0	596.1	5.405	5.355	34.192	26.993	29.747	26.987	112.9	11.419	.0	1481.4	4113.6	20.1
610.0	606.0	5.322	5.271	34.206	27.014	29.815	27.008	111.0	11.530	.0	1481.2	4227.4	9.0
620.0	615.9	5.290	5.239	34.215	27.025	29.872	27.019	110.0	11.641	.0	1481.3	4342.2	10.4
630.0	625.8	5.211	5.160	34.225	27.042	29.935	27.036	108.4	11.750	.0	1481.1	4458.1	25.7
640.0	635.7	5.151	5.099	34.231	27.055	29.995	27.049	107.3	11.858	.0	1481.1	4575.1	19.2
650.0	645.6	5.010	4.957	34.232	27.072	30.059	27.066	105.6	11.965	.0	1480.6	4693.1	19.5
660.0	655.5	4.971	4.918	34.236	27.079	30.113	27.073	105.0	12.070	.0	1480.7	4812.2	7.8
670.0	665.5	4.950	4.896	34.243	27.087	30.167	27.081	104.2	12.175	.0	1480.7	4932.3	9.2
680.0	675.4	4.948	4.893	34.262	27.102	30.228	27.096	103.0	12.278	.0	1480.9	5053.5	25.1
690.0	685.3	4.871	4.816	34.269	27.117	30.289	27.110	101.6	12.381	.0	1480.8	5175.6	14.8
700.0	695.2	4.838	4.782	34.273	27.124	30.342	27.117	101.0	12.482	.0	1480.8	5298.8	7.2
710.0	705.1	4.818	4.762	34.284	27.135	30.399	27.129	100.0	12.582	.0	1480.9	5422.9	9.5
720.0	715.0	4.795	4.738	34.289	27.142	30.452	27.135	99.5	12.682	.0	1481.0	5548.1	4.9
730.0	724.9	4.737	4.680	34.296	27.153	30.511	27.147	98.4	12.781	.0	1480.9	5674.2	9.8
740.0	734.8	4.707	4.649	34.304	27.164	30.567	27.157	97.5	12.879	.0	1481.0	5801.3	3.1
750.0	744.7	4.698	4.639	34.315	27.173	30.622	27.167	96.6	12.976	.0	1481.1	5929.3	14.5
760.0	754.6	4.658	4.598	34.326	27.186	30.681	27.179	95.5	13.072	.0	1481.1	6058.3	10.7
770.0	764.5	4.612	4.552	34.331	27.195	30.737	27.189	94.6	13.167	.0	1481.1	6188.2	14.8
780.0	774.4	4.516	4.455	34.330	27.205	30.795	27.199	93.6	13.261	.0	1480.9	6319.0	7.8
790.0	784.3	4.430	4.369	34.325	27.210	30.847	27.204	93.1	13.354	.0	1480.7	6450.8	7.5
800.0	794.2	4.310	4.248	34.320	27.219	30.904	27.213	92.1	13.447	.0	1480.3	6583.5	16.0
810.0	804.1	4.352	4.289	34.342	27.233	30.962	27.226	91.0	13.538	.0	1480.7	6717.1	4.6
820.0	814.0	4.358	4.295	34.354	27.241	31.016	27.235	90.4	13.629	.0	1480.9	6851.6	4.6
830.0	823.9	4.327	4.264	34.360	27.250	31.071	27.243	89.6	13.719	.0	1480.9	6986.9	16.0
840.0	833.8	4.300	4.236	34.366	27.257	31.125	27.250	89.0	13.808	.0	1481.0	7123.2	6.3
850.0	843.7	4.331	4.266	34.379	27.264	31.177	27.257	88.5	13.897	.0	1481.3	7260.3	3.1
860.0	853.6	4.297	4.231	34.381	27.269	31.228	27.262	88.0	13.985	.0	1481.3	7398.3	1.7
870.0	863.5	4.273	4.207	34.390	27.279	31.284	27.272	87.2	14.072	.0	1481.4	7537.1	3.1
880.0	873.4	4.247	4.180	34.397	27.288	31.339	27.281	86.4	14.159	.0	1481.5	7676.8	7.2
890.0	883.3	4.231	4.163	34.400	27.292	31.388	27.284	86.1	14.246	.0	1481.6	7817.4	5.2
900.0	893.2	4.198	4.129	34.401	27.296	31.439	27.289	85.7	14.332	.0	1481.6	7958.8	.8
910.0	903.1	4.162	4.093	34.404	27.303	31.492	27.295	85.1	14.417	.0	1481.6	8101.0	9.3
920.0	913.0	4.129	4.059	34.410	27.310	31.546	27.303	84.4	14.502	.0	1481.7	8244.1	.8
930.0	922.9	4.060	3.990	34.417	27.323	31.606	27.316	83.1	14.585	.0	1481.6	8388.0	8.1
940.0	932.8	4.031	3.961	34.418	27.327	31.656	27.320	82.8	14.668	.0	1481.6	8532.7	3.4
950.0	942.7	4.040	3.968	34.425	27.332	31.707	27.325	82.5	14.751	.0	1481.8	8678.2	5.8
960.0	952.6	4.019	3.947	34.429	27.337	31.758	27.330	82.0	14.833	.0	1481.9	8824.6	3.7
970.0	962.5	4.009	3.936	34.431	27.340	31.807	27.333	81.8	14.915	.0	1482.0	8971.7	16.6
980.0	972.3	3.961	3.888	34.438	27.351	31.864	27.343	80.8	14.996	.0	1482.0	9119.6	13.7
990.0	982.2	3.922	3.848	34.445	27.361	31.920	27.353	79.9	15.077	.0	1482.0	9268.4	7.6

Station 37 Latitude 32° 47.28'N Longitude 127° 16.29'W 30 Apr 1991 GMT 10:06 Bottom 4325 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.903	3.828	34.447	27.364	31.970	27.357	79.6	15.156	.0	1482.1	9417.9	4.6
1020.0	1011.9	3.846	3.770	34.456	27.377	32.075	27.369	78.4	15.314	.0	1482.2	9719.2	.0
1040.0	1031.7	3.794	3.717	34.459	27.385	32.176	27.377	77.7	15.471	.0	1482.3	10023.7	7.6
1060.0	1051.5	3.714	3.635	34.464	27.397	32.281	27.389	76.6	15.625	.0	1482.3	10331.1	4.1
1080.0	1071.2	3.657	3.577	34.473	27.410	32.387	27.402	75.4	15.777	.0	1482.4	10641.6	12.3
1100.0	1091.0	3.603	3.522	34.480	27.421	32.490	27.413	74.4	15.927	.0	1482.5	10955.0	3.8
1120.0	1110.8	3.537	3.455	34.484	27.430	32.592	27.422	73.5	16.075	.0	1482.6	11271.3	4.1
1140.0	1130.5	3.477	3.394	34.486	27.438	32.693	27.430	72.8	16.221	.0	1482.7	11590.5	7.3
1160.0	1150.3	3.418	3.334	34.488	27.445	32.793	27.437	72.1	16.366	.0	1482.7	11912.6	3.8
1180.0	1170.1	3.385	3.300	34.493	27.453	32.893	27.445	71.4	16.510	.0	1482.9	12237.5	1.5
1200.0	1189.8	3.313	3.227	34.496	27.462	32.995	27.454	70.6	16.652	.0	1483.0	12565.1	10.0
1220.0	1209.6	3.264	3.177	34.502	27.471	33.097	27.463	69.7	16.792	.0	1483.1	12895.5	3.8
1240.0	1229.3	3.223	3.134	34.506	27.478	33.196	27.470	69.1	16.931	.0	1483.3	13228.7	5.6
1260.0	1249.1	3.182	3.092	34.511	27.487	33.297	27.478	68.3	17.068	.0	1483.4	13564.5	2.7
1280.0	1268.9	3.145	3.054	34.515	27.493	33.395	27.485	67.8	17.204	.0	1483.6	13903.0	1.5
1300.0	1288.6	3.105	3.013	34.520	27.501	33.496	27.493	67.0	17.339	.0	1483.8	14244.1	6.2
1320.0	1308.4	3.061	2.967	34.526	27.510	33.597	27.501	66.2	17.472	.0	1483.9	14587.9	3.9
1340.0	1328.1	3.033	2.937	34.528	27.514	33.693	27.505	65.9	17.604	.0	1484.1	14934.2	5.6
1360.0	1347.8	3.001	2.905	34.533	27.521	33.792	27.513	65.2	17.735	.0	1484.3	15283.1	8.0
1380.0	1367.6	2.972	2.874	34.539	27.528	33.891	27.520	64.6	17.865	.0	1484.5	15634.5	.1
1400.0	1387.3	2.944	2.845	34.543	27.534	33.989	27.525	64.1	17.994	.0	1484.8	15988.5	2.4
1420.0	1407.1	2.915	2.814	34.545	27.539	34.085	27.530	63.7	18.122	.0	1485.0	16344.9	4.5
1440.0	1426.8	2.872	2.771	34.546	27.543	34.182	27.534	63.3	18.249	.0	1485.1	16703.8	-.5
1460.0	1446.6	2.849	2.746	34.550	27.549	34.279	27.540	62.8	18.375	.0	1485.4	17065.2	2.5
1480.0	1466.3	2.799	2.695	34.555	27.557	34.381	27.548	62.0	18.500	.0	1485.5	17429.1	3.7
1500.0	1486.0	2.763	2.658	34.557	27.562	34.477	27.553	61.5	18.623	.0	1485.7	17795.3	2.8
1520.0	1505.7	2.737	2.630	34.560	27.567	34.574	27.557	61.1	18.746	.0	1485.9	18163.9	-.1
1540.0	1525.5	2.707	2.599	34.562	27.571	34.670	27.562	60.7	18.867	.0	1486.1	18535.0	2.2
1560.0	1545.2	2.674	2.565	34.564	27.576	34.766	27.566	60.3	18.988	.0	1486.3	18908.3	3.4
1580.0	1564.9	2.645	2.535	34.567	27.580	34.863	27.571	59.9	19.109	.0	1486.5	19284.0	4.0
1600.0	1584.6	2.621	2.509	34.568	27.584	34.958	27.574	59.6	19.228	.0	1486.7	19662.1	1.7
1620.0	1604.4	2.587	2.474	34.571	27.589	35.055	27.579	59.1	19.347	.0	1486.9	20042.4	1.7
1640.0	1624.1	2.549	2.435	34.575	27.595	35.154	27.586	58.5	19.464	.0	1487.1	20425.1	1.1
1660.0	1643.8	2.516	2.401	34.578	27.601	35.251	27.591	58.0	19.581	.0	1487.3	20810.0	1.7
1680.0	1663.5	2.488	2.371	34.580	27.605	35.347	27.595	57.6	19.696	.0	1487.5	21197.1	1.7
1700.0	1683.2	2.455	2.337	34.582	27.610	35.444	27.600	57.1	19.810	.0	1487.7	21586.5	1.7
1720.0	1702.9	2.428	2.308	34.584	27.614	35.539	27.604	56.7	19.924	.0	1487.9	21978.1	2.9
1740.0	1722.6	2.387	2.266	34.588	27.620	35.638	27.610	56.1	20.037	.0	1488.1	22371.9	4.1
1760.0	1742.3	2.360	2.238	34.590	27.624	35.734	27.614	55.7	20.149	.0	1488.3	22767.8	5.0
1780.0	1762.1	2.342	2.219	34.593	27.628	35.829	27.618	55.3	20.260	.0	1488.6	23166.0	3.0
1800.0	1781.8	2.314	2.190	34.597	27.633	35.926	27.623	54.8	20.370	.0	1488.8	23566.2	1.5
1820.0	1801.4	2.290	2.164	34.598	27.636	36.021	27.626	54.6	20.479	.0	1489.0	23968.6	.6
1840.0	1821.2	2.268	2.141	34.601	27.640	36.116	27.630	54.2	20.588	.0	1489.3	24373.1	2.1
1860.0	1840.8	2.233	2.105	34.603	27.645	36.213	27.635	53.7	20.696	.0	1489.4	24779.7	1.8
1880.0	1860.6	2.216	2.086	34.607	27.650	36.309	27.640	53.2	20.803	.0	1489.7	25188.4	1.0
1900.0	1880.2	2.191	2.060	34.610	27.655	36.405	27.644	52.8	20.909	.0	1489.9	25599.1	1.0
1920.0	1899.9	2.172	2.039	34.612	27.658	36.499	27.647	52.5	21.014	.0	1490.2	26011.8	.7
1940.0	1919.6	2.164	2.030	34.613	27.660	36.591	27.649	52.5	21.119	.0	1490.5	26426.6	.7
1960.0	1939.3	2.150	2.015	34.614	27.661	36.684	27.650	52.3	21.224	.0	1490.8	26843.4	-.4
1980.0	1959.0	2.121	1.984	34.616	27.665	36.780	27.654	51.9	21.328	.0	1491.0	27262.3	-.4
2000.0	1978.7	2.094	1.956	34.619	27.670	36.875	27.659	51.5	21.432	.0	1491.2	27683.1	6.3
2050.0	2027.9	2.046	1.904	34.624	27.678	37.111	27.667	50.7	21.687	.0	1491.8	28743.9	2.6
2096.0	2073.1	2.005	1.860	34.627	27.684	37.326	27.672	50.2	21.920	.0	1492.4	29730.6	.0

Station 38 Latitude 32° 33.82'N Longitude 127° 23.18'W 30 Apr 1991 GMT 20:40 Bottom 4310 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.930	14.930	33.223	24.618	24.618	24.618	331.1	.000	.0	1505.0	.0	.0
10.0	10.0	14.906	14.905	33.211	24.614	24.658	24.614	331.8	.331	.0	1505.1	1.7	-2.8
20.0	19.9	14.897	14.894	33.208	24.615	24.703	24.614	332.1	.663	.0	1505.2	6.6	-2.2
30.0	29.9	14.863	14.859	33.205	24.619	24.752	24.618	331.9	.996	.0	1505.2	14.9	3.3
40.0	39.8	14.840	14.835	33.201	24.622	24.799	24.621	331.9	1.327	.0	1505.3	26.4	.7
50.0	49.8	14.377	14.370	33.112	24.652	24.873	24.650	329.4	1.659	.0	1503.9	41.3	94.0
60.0	59.8	13.401	13.393	32.961	24.736	25.003	24.735	321.5	1.983	.0	1500.6	59.5	21.8
70.0	69.7	13.339	13.329	32.958	24.747	25.058	24.745	320.7	2.304	.0	1500.6	80.8	3.4
80.0	79.7	13.431	13.420	32.987	24.751	25.106	24.749	320.7	2.625	.0	1501.1	105.3	9.2
90.0	89.7	13.472	13.460	33.029	24.775	25.175	24.773	318.6	2.944	.0	1501.5	133.1	32.1
100.0	99.6	13.661	13.647	33.167	24.844	25.288	24.841	312.4	3.260	.0	1502.4	164.0	72.9
110.0	109.6	12.789	12.774	33.119	24.981	25.471	24.978	299.5	3.567	.0	1499.6	198.0	133.6
120.0	119.5	11.273	11.259	33.031	25.197	25.735	25.194	278.8	3.858	.0	1494.4	234.9	100.2
130.0	129.5	11.041	11.026	33.081	25.277	25.861	25.274	271.3	4.135	.0	1493.8	274.7	140.0
140.0	139.4	10.246	10.230	33.037	25.381	26.013	25.379	261.5	4.401	.0	1491.0	317.2	65.5
150.0	149.4	10.003	9.986	33.086	25.460	26.137	25.458	254.1	4.660	.0	1490.4	362.3	151.2
160.0	159.3	9.584	9.566	33.174	25.598	26.321	25.595	241.1	4.907	.0	1489.1	409.9	73.3
170.0	169.3	9.321	9.302	33.206	25.666	26.435	25.663	234.8	5.145	.0	1488.3	459.9	92.3
180.0	179.2	9.003	8.984	33.315	25.802	26.618	25.799	221.9	5.374	.0	1487.5	512.2	130.6
190.0	189.1	8.807	8.787	33.426	25.919	26.781	25.916	210.9	5.591	.0	1487.0	566.7	110.3
200.0	199.1	8.787	8.766	33.531	26.004	26.911	26.001	203.1	5.798	.0	1487.3	623.3	91.3
210.0	209.0	8.757	8.735	33.693	26.136	27.088	26.133	190.7	5.994	.0	1487.5	681.9	38.0
220.0	219.0	8.515	8.492	33.756	26.223	27.222	26.220	182.6	6.181	.0	1486.8	742.4	64.7
230.0	228.9	8.556	8.533	33.842	26.285	27.328	26.281	177.0	6.361	.0	1487.3	804.8	79.6
240.0	238.9	8.563	8.538	33.908	26.335	27.423	26.331	172.4	6.536	.0	1487.6	868.8	41.6
250.0	248.8	8.521	8.495	33.944	26.370	27.503	26.366	169.3	6.706	.0	1487.6	934.6	22.8
260.0	258.7	8.391	8.364	33.979	26.418	27.597	26.414	164.9	6.873	.0	1487.3	1002.1	45.4
270.0	268.6	8.232	8.205	33.998	26.456	27.682	26.452	161.3	7.036	.0	1486.9	1071.2	3.7
280.0	278.6	8.167	8.139	34.009	26.475	27.746	26.471	159.7	7.196	.0	1486.8	1141.9	40.3
290.0	288.5	8.104	8.075	34.038	26.507	27.824	26.503	156.8	7.354	.0	1486.8	1214.1	35.7
300.0	298.5	8.130	8.100	34.073	26.531	27.893	26.527	154.7	7.510	.0	1487.1	1287.9	33.9
310.0	308.4	8.101	8.069	34.093	26.552	27.959	26.547	153.0	7.664	.0	1487.2	1363.3	15.8
320.0	318.3	7.896	7.864	34.092	26.581	28.035	26.576	150.3	7.815	.0	1486.5	1440.1	9.9
330.0	328.2	7.724	7.692	34.091	26.606	28.106	26.601	148.0	7.965	.0	1486.0	1518.5	3.7
340.0	338.2	7.572	7.539	34.092	26.628	28.176	26.624	145.9	8.112	.0	1485.6	1598.3	8.4
350.0	348.1	7.447	7.413	34.092	26.646	28.240	26.641	144.3	8.257	.0	1485.3	1679.6	16.2
360.0	358.0	7.307	7.273	34.098	26.670	28.310	26.666	142.0	8.400	.0	1484.9	1762.2	15.3
370.0	368.0	7.149	7.114	34.099	26.693	28.380	26.688	139.9	8.541	.0	1484.5	1846.3	14.4
380.0	377.9	7.050	7.015	34.107	26.714	28.447	26.709	138.0	8.680	.0	1484.3	1931.8	19.4
390.0	387.8	6.901	6.864	34.111	26.737	28.517	26.733	135.8	8.817	.0	1483.8	2018.6	16.2
400.0	397.7	6.765	6.728	34.109	26.754	28.581	26.749	134.3	8.952	.0	1483.5	2106.8	6.8
410.0	407.6	6.593	6.556	34.107	26.775	28.649	26.770	132.3	9.086	.0	1482.9	2196.3	33.1
420.0	417.6	6.546	6.508	34.118	26.791	28.711	26.786	130.9	9.217	.0	1482.9	2287.1	14.3
430.0	427.5	6.464	6.425	34.119	26.802	28.768	26.797	130.0	9.348	.0	1482.8	2379.2	16.4
440.0	437.4	6.337	6.298	34.125	26.824	28.836	26.819	127.9	9.477	.0	1482.4	2472.6	15.8
450.0	447.3	6.241	6.202	34.123	26.834	28.894	26.829	126.9	9.604	.0	1482.2	2567.3	1.1
460.0	457.3	6.053	6.013	34.110	26.848	28.955	26.843	125.6	9.730	.0	1481.6	2663.2	4.3
470.0	467.2	6.040	5.999	34.124	26.861	29.013	26.855	124.5	9.856	.0	1481.7	2760.3	17.8
480.0	477.1	5.966	5.925	34.134	26.878	29.077	26.873	122.9	9.979	.0	1481.6	2858.7	21.0
490.0	487.0	5.803	5.761	34.132	26.896	29.143	26.891	121.2	10.101	.0	1481.1	2958.3	5.7
500.0	496.9	5.699	5.657	34.129	26.907	29.201	26.902	120.2	10.222	.0	1480.9	3059.1	11.3
510.0	506.9	5.611	5.569	34.127	26.916	29.257	26.911	119.3	10.342	.0	1480.7	3161.1	8.7
520.0	516.8	5.698	5.654	34.153	26.927	29.312	26.921	118.6	10.461	.0	1481.2	3264.2	1.4
530.0	526.7	5.705	5.660	34.170	26.939	29.370	26.934	117.5	10.579	.0	1481.4	3368.5	7.2
540.0	536.6	5.655	5.609	34.177	26.951	29.427	26.945	116.5	10.696	.0	1481.4	3474.0	9.3
550.0	546.5	5.615	5.569	34.183	26.960	29.483	26.955	115.7	10.812	.0	1481.4	3580.7	14.6
560.0	556.4	5.581	5.534	34.189	26.970	29.538	26.964	114.9	10.927	.0	1481.4	3688.4	9.9
570.0	566.3	5.549	5.501	34.199	26.981	29.596	26.976	113.9	11.042	.0	1481.5	3797.3	14.9
580.0	576.3	5.454	5.406	34.207	26.999	29.661	26.994	112.2	11.155	.0	1481.3	3907.4	18.1
590.0	586.2	5.359	5.310	34.209	27.013	29.721	27.007	110.9	11.267	.0	1481.1	4018.5	13.4
600.0	596.1	5.294	5.244	34.211	27.021	29.777	27.016	110.1	11.377	.0	1481.0	4130.7	20.7
610.0	606.0	5.134	5.085	34.201	27.032	29.836	27.027	109.0	11.486	.0	1480.5	4244.1	15.4
620.0	615.9	5.045	4.995	34.204	27.045	29.895	27.039	107.8	11.595	.0	1480.3	4358.4	22.1
630.0	625.8	4.975	4.924	34.212	27.059	29.956	27.054	106.4	11.702	.0	1480.1	4473.9	13.3
640.0	635.7	4.888	4.837	34.218	27.074	30.018	27.068	105.1	11.807	.0	1480.0	4590.4	12.4
650.0	645.7	4.906	4.854	34.230	27.081	30.071	27.075	104.5	11.912	.0	1480.2	4707.9	4.2
660.0	655.6	4.898	4.845	34.248	27.097	30.132	27.091	103.2	12.016	.0	1480.4	4826.5	21.8
670.0	665.5	4.854	4.801	34.261	27.112	30.194	27.106	101.8	12.119	.0	1480.4	4946.0	9.2
680.0	675.4	4.833	4.779	34.277	27.127	30.254	27.121	100.4	12.220	.0	1480.5	5066.6	16.8
690.0	685.3	4.707	4.653	34.271	27.137	30.312	27.131	99.4	12.320	.0	1480.1	5188.2	26.2
700.0	695.2	4.648	4.593	34.274	27.146	30.368	27.139	98.6	12.418	.0	1480.0	5310.7	6.3
710.0	705.1	4.606	4.551	34.282	27.156	30.425	27.150	97.6	12.517	.0	1480.0	5434.2	8.6
720.0	715.0	4.579	4.523	34.294	27.169	30.483	27.163	96.5	12.614	.0	1480.1	5558.7	15.4
730.0	724.9	4.545	4.489	34.302	27.179	30.540	27.173	95.6	12.710	.0	1480.1	5684.1	3.9
740.0	734.8	4.519	4.462	34.307	27.186	30.593	27.180	95.0	12.805	.0	1480.2	5810.5	11.6
750.0	744.7	4.479	4.422	34.312	27.194	30.647	27.188	94.3	12.900	.0	1480.2	5937.8	6.0
760.0	754.6	4.426	4.367	34.313	27.201	30.701	27.195	93.6	12.994	.0	1480.1	6066.0	9.2
770.0	764.5	4.373	4.314	34.319	27.211	30.758	27.205	92.7	13.087	.0	1480.1	6195.1	4.5
780.0	774.4	4.320	4.260	34.328	27.224	30.818	27.218	91.5	13.179	.0	1480.1	6325.2	3.9
790.0	784.3	4.307	4.247	34.332	27.229	30.868	27.223	91.1	13.270	.0	1480.2	6456.1	8.9
800.0	794.2	4.285	4.224	34.341	27.238	30.924	27.232	90.3	13.361	.0	1480.3	6588.0	6.0
810.0	804.1	4.270	4.208	34.349	27.247	30.978	27.240	89.6	13.451	.0	1480.4	6720.7	7.5
820.0	814.0	4.284	4.222	34.361	27.255	31.031	27.248	88.9	13.540	.0	1480.6	6854.3	4.8
830.0	823.9	4.250	4.187	34.367	27.263	31.086	27.257	88.2	13.629	.0	1480.6	6988.8	15.7
840.0	833.8	4.212	4.148	34.376	27.274	31.144	27.267	87.2	13.717	.0	1480.7	7124.1	6.9
850.0	843.7	4.191	4.126	34.385	27.284	31.200	27.278	86.3	13.803	.0	1480.7	7260.3	13.6
860.0	853.6	4.166	4.101	34.390	27.291	31.252	27.284	85.8	13.889	.0	1480.8	7397.4	4.0
870.0	863.5	4.140	4.074	34.395	27.297	31.305	27.291	85.2	13.975	.0	1480.9	7535.3	10.7
880.0	873.4	4.110	4.043	34.404	27.308	31.362	27.301	84.2	14.059	.0	1480.9	7674.0	12.8
890.0	883.3	4.099	4.031	34.408	27.312	31.412	27.305	83.9	14.144	.0	1481.0	7813.5	3.7
900.0	893.2	4.075	4.007	34.411	27.317	31.463	27.310	83.4	14.227	.0	1481.1	7953.9	9.9
910.0	903.1	4.056	3.987	34.415	27.322	31.514	27.315	83.1	14.311	.0	1481.2	8095.1	8.1
920.0	913.0	4.033	3.964	34.420	27.328	31.566	27.321	82.5	14.393	.0	1481.3	8237.1	7.8
930.0	922.9	4.018	3.948	34.427	27.335	31.619	27.328	81.9	14.475	.0	1481.4	8380.0	2.0
940.0	932.8	3.955	3.885	34.429	27.343	31.675	27.336	81.1	14.557	.0	1481.3	8523.6	2.5
950.0	942.7	3.922	3.852	34.429	27.347	31.725	27.340	80.8	14.638	.0	1481.3	8668.0	.8
960.0	952.6	3.910	3.838	34.431	27.350	31.773	27.343	80.6	14.718	.0	1481.4	8813.2	2.0
970.0	962.5	3.880	3.808	34.434	27.355	31.825	27.348	80.1	14.799	.0	1481.5	8959.2	12.5
980.0	972.3	3.829	3.756	34.436	27.362	31.879	27.355	79.4	14.878	.0	1481.4	9106.0	4.3
990.0	982.3	3.812	3.738	34.441	27.368	31.931	27.361	78.9	14.958	.0	1481.5	9253.5	2.6

Station 38 Latitude 32° 33.82'N Longitude 127° 23.18'W 30 Apr 1991 GMT 20:40 Bottom 4310 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.792	3.718	34.445	27.374	31.982	27.366	78.4	15.036	.0	1481.6	9401.9	10.2
1020.0	1011.9	3.743	3.668	34.446	27.379	32.080	27.372	78.0	15.193	.0	1481.7	9700.8	4.0
1040.0	1031.7	3.704	3.628	34.454	27.389	32.183	27.382	77.1	15.347	.0	1481.9	10002.8	6.1
1060.0	1051.5	3.668	3.590	34.465	27.402	32.287	27.394	76.0	15.500	.0	1482.1	10307.8	4.6
1080.0	1071.2	3.637	3.557	34.475	27.414	32.391	27.406	75.0	15.652	.0	1482.3	10615.8	2.0
1100.0	1091.0	3.602	3.521	34.479	27.420	32.489	27.412	74.5	15.801	.0	1482.5	10926.8	9.3
1120.0	1110.8	3.565	3.483	34.483	27.427	32.588	27.419	73.9	15.950	.0	1482.7	11240.6	3.2
1140.0	1130.6	3.520	3.436	34.492	27.438	32.692	27.430	72.9	16.097	.0	1482.8	11557.4	5.9
1160.0	1150.3	3.478	3.394	34.496	27.446	32.792	27.437	72.2	16.242	.0	1483.0	11877.0	3.2
1180.0	1170.1	3.447	3.361	34.498	27.451	32.889	27.442	71.8	16.386	.0	1483.2	12199.4	4.7
1200.0	1189.8	3.411	3.323	34.503	27.458	32.988	27.450	71.2	16.529	.0	1483.4	12524.6	5.6
1220.0	1209.6	3.368	3.279	34.508	27.466	33.089	27.458	70.5	16.671	.0	1483.5	12852.6	5.9
1240.0	1229.4	3.334	3.244	34.514	27.475	33.189	27.466	69.7	16.811	.0	1483.7	13183.4	1.5
1260.0	1249.1	3.285	3.194	34.516	27.481	33.288	27.472	69.2	16.950	.0	1483.9	13516.9	3.0
1280.0	1268.9	3.256	3.164	34.524	27.490	33.389	27.481	68.4	17.087	.0	1484.1	13853.1	6.8
1300.0	1288.6	3.200	3.107	34.527	27.498	33.489	27.489	67.6	17.224	.0	1484.2	14191.9	5.9
1320.0	1308.4	3.152	3.058	34.529	27.504	33.588	27.495	67.0	17.358	.0	1484.3	14533.4	1.0
1340.0	1328.1	3.118	3.022	34.532	27.509	33.685	27.500	66.6	17.492	.0	1484.5	14877.5	5.4
1360.0	1347.9	3.074	2.977	34.536	27.517	33.785	27.508	65.9	17.625	.0	1484.6	15224.2	6.0
1380.0	1367.6	3.034	2.935	34.538	27.522	33.883	27.513	65.4	17.756	.0	1484.8	15573.5	1.0
1400.0	1387.3	3.014	2.914	34.542	27.528	33.979	27.518	65.0	17.887	.0	1485.1	15925.3	-.2
1420.0	1407.1	2.954	2.853	34.544	27.534	34.079	27.525	64.3	18.016	.0	1485.1	16279.7	1.9
1440.0	1426.8	2.933	2.831	34.548	27.540	34.176	27.531	63.8	18.144	.0	1485.4	16636.6	-1.0
1460.0	1446.6	2.901	2.797	34.551	27.545	34.274	27.536	63.3	18.271	.0	1485.6	16995.9	2.5
1480.0	1466.3	2.874	2.769	34.553	27.549	34.370	27.540	63.0	18.398	.0	1485.8	17357.7	6.3
1500.0	1486.0	2.817	2.711	34.558	27.559	34.472	27.549	62.1	18.523	.0	1485.9	17722.0	4.9
1520.0	1505.8	2.785	2.678	34.561	27.564	34.569	27.554	61.6	18.647	.0	1486.1	18088.7	7.8
1540.0	1525.5	2.747	2.639	34.565	27.570	34.667	27.561	61.0	18.769	.0	1486.3	18457.8	4.9
1560.0	1545.2	2.711	2.602	34.567	27.575	34.764	27.565	60.5	18.891	.0	1486.5	18829.2	4.6
1580.0	1564.9	2.676	2.565	34.569	27.580	34.861	27.570	60.0	19.011	.0	1486.6	19203.0	1.4
1600.0	1584.7	2.635	2.523	34.572	27.586	34.960	27.576	59.4	19.130	.0	1486.8	19579.1	.5
1620.0	1604.4	2.601	2.488	34.574	27.590	35.056	27.581	59.0	19.249	.0	1487.0	19957.5	2.6
1640.0	1624.1	2.571	2.456	34.575	27.594	35.152	27.584	58.7	19.367	.0	1487.2	20338.3	4.3
1660.0	1643.8	2.544	2.428	34.578	27.598	35.247	27.588	58.3	19.484	.0	1487.4	20721.3	.8
1680.0	1663.5	2.508	2.391	34.579	27.603	35.344	27.593	57.9	19.600	.0	1487.6	21106.5	2.3
1700.0	1683.2	2.478	2.359	34.580	27.606	35.439	27.596	57.5	19.715	.0	1487.8	21494.0	2.0
1720.0	1702.9	2.447	2.328	34.584	27.612	35.537	27.602	56.9	19.829	.0	1488.0	21883.7	3.2
1740.0	1722.7	2.417	2.296	34.586	27.616	35.633	27.606	56.6	19.943	.0	1488.2	22275.7	2.9
1760.0	1742.4	2.392	2.270	34.590	27.621	35.729	27.611	56.1	20.055	.0	1488.4	22669.8	2.1
1780.0	1762.1	2.368	2.245	34.591	27.625	35.825	27.615	55.8	20.167	.0	1488.7	23066.1	5.0
1800.0	1781.8	2.329	2.204	34.593	27.629	35.921	27.619	55.3	20.278	.0	1488.8	23464.5	3.3
1820.0	1801.5	2.289	2.163	34.597	27.636	36.020	27.625	54.6	20.388	.0	1489.0	23865.1	4.7
1840.0	1821.2	2.282	2.154	34.599	27.638	36.113	27.628	54.5	20.497	.0	1489.3	24267.8	2.7
1860.0	1840.9	2.256	2.127	34.602	27.643	36.209	27.632	54.0	20.606	.0	1489.5	24672.6	3.6
1880.0	1860.6	2.232	2.102	34.604	27.647	36.304	27.636	53.7	20.713	.0	1489.8	25079.5	.4
1900.0	1880.3	2.213	2.082	34.608	27.651	36.400	27.641	53.2	20.820	.0	1490.0	25488.5	2.8
1920.0	1900.0	2.187	2.055	34.611	27.656	36.496	27.645	52.8	20.926	.0	1490.3	25899.5	.1
1940.0	1919.7	2.171	2.037	34.613	27.659	36.590	27.648	52.6	21.032	.0	1490.5	26312.6	.4
1960.0	1939.3	2.150	2.014	34.615	27.662	36.685	27.652	52.2	21.137	.0	1490.8	26727.7	3.4
1980.0	1959.0	2.138	2.001	34.615	27.663	36.777	27.653	52.2	21.241	.0	1491.0	27144.8	1.6
2000.0	1978.7	2.114	1.976	34.618	27.668	36.872	27.657	51.7	21.345	.0	1491.3	27564.0	3.7
2050.0	2027.9	2.071	1.929	34.623	27.675	37.107	27.664	51.1	21.602	.0	1491.9	28620.5	-.4
2094.0	2071.2	2.031	1.886	34.626	27.681	37.314	27.670	50.5	21.825	.0	1492.5	29560.4	.0

Station 39 Latitude 32° 20.51'N Longitude 127° 30.22'W 30 Apr 1991 GMT 23:39 Bottom 4225 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.352	15.352	33.219	24.523	24.523	24.523	340.2	.000	.0	1506.3	.0	.0
10.0	10.0	15.331	15.330	33.218	24.527	24.571	24.527	340.1	.340	.0	1506.4	1.7	11.6
20.0	19.9	15.241	15.238	33.215	24.545	24.634	24.545	338.7	.680	.0	1506.3	6.8	19.5
30.0	29.9	15.184	15.180	33.214	24.557	24.690	24.556	337.8	1.018	.0	1506.3	15.2	10.1
40.0	39.8	15.134	15.128	33.223	24.575	24.752	24.574	336.4	1.355	.0	1506.3	27.1	31.5
50.0	49.8	14.769	14.762	33.260	24.683	24.904	24.681	326.4	1.687	.0	1505.3	42.2	45.2
60.0	59.8	14.583	14.575	33.253	24.717	24.983	24.715	323.4	2.012	.0	1504.9	60.6	28.5
70.0	69.7	14.446	14.436	33.235	24.733	25.042	24.730	322.3	2.334	.0	1504.6	82.3	13.5
80.0	79.7	14.518	14.507	33.264	24.740	25.094	24.738	321.8	2.657	.0	1505.0	107.1	15.0
90.0	89.7	14.348	14.335	33.246	24.763	25.161	24.760	320.0	2.978	.0	1504.6	135.2	35.5
100.0	99.6	14.383	14.369	33.299	24.796	25.239	24.793	317.1	3.296	.0	1504.9	166.4	16.2
110.0	109.6	13.966	13.951	33.242	24.840	25.327	24.836	313.2	3.612	.0	1503.7	200.8	89.6
120.0	119.5	12.260	12.245	33.076	25.049	25.585	25.046	293.1	3.915	.0	1497.9	238.3	119.5
130.0	129.5	11.128	11.113	33.055	25.241	25.825	25.238	274.8	4.198	.0	1494.1	278.7	135.9
140.0	139.4	10.517	10.500	33.123	25.402	26.032	25.399	259.6	4.466	.0	1492.1	321.8	162.8
150.0	149.4	9.998	9.981	33.172	25.528	26.205	25.525	247.7	4.722	.0	1490.5	367.5	136.3
160.0	159.3	9.596	9.578	33.237	25.646	26.369	25.643	236.6	4.964	.0	1489.2	415.7	171.4
170.0	169.3	9.394	9.375	33.409	25.813	26.581	25.810	220.9	5.193	.0	1488.9	466.2	49.8
180.0	179.2	9.209	9.189	33.519	25.928	26.743	25.925	210.0	5.408	.0	1488.5	519.0	107.2
190.0	189.2	9.001	8.981	33.596	26.022	26.883	26.019	201.3	5.614	.0	1488.0	573.8	130.6
200.0	199.1	8.886	8.865	33.696	26.119	27.025	26.115	192.3	5.811	.0	1487.8	630.5	129.1
210.0	209.0	8.837	8.815	33.768	26.183	27.134	26.179	186.4	6.000	.0	1487.9	689.2	66.8
220.0	219.0	8.716	8.693	33.834	26.254	27.251	26.250	179.8	6.182	.0	1487.7	749.8	23.7
230.0	228.9	8.592	8.568	33.885	26.313	27.355	26.309	174.4	6.360	.0	1487.5	812.1	82.0
240.0	238.9	8.484	8.459	33.919	26.356	27.445	26.353	170.4	6.532	.0	1487.3	876.2	71.7
250.0	248.8	8.262	8.237	33.965	26.426	27.560	26.422	163.9	6.700	.0	1486.6	941.9	77.8
260.0	258.7	8.113	8.086	33.982	26.462	27.643	26.458	160.6	6.861	.0	1486.3	1009.3	4.6
270.0	268.6	7.989	7.962	33.990	26.486	27.713	26.482	158.3	7.021	.0	1486.0	1078.2	43.2
280.0	278.6	7.818	7.791	33.996	26.517	27.790	26.513	155.6	7.178	.0	1485.5	1148.7	34.1
290.0	288.5	7.696	7.668	34.008	26.544	27.864	26.540	153.1	7.332	.0	1485.2	1220.8	23.8
300.0	298.5	7.643	7.614	34.023	26.563	27.929	26.559	151.4	7.485	.0	1485.2	1294.4	24.4
310.0	308.4	7.486	7.456	34.021	26.584	27.996	26.580	149.5	7.635	.0	1484.7	1369.4	28.5
320.0	318.3	7.206	7.176	34.005	26.611	28.070	26.607	146.9	7.783	.0	1483.8	1446.0	20.8
330.0	328.2	7.095	7.064	34.003	26.625	28.131	26.621	145.7	7.930	.0	1483.5	1524.0	26.7
340.0	338.2	6.910	6.878	34.002	26.649	28.202	26.645	143.4	8.074	.0	1482.9	1603.5	11.4
350.0	348.1	6.838	6.806	34.004	26.661	28.259	26.656	142.4	8.217	.0	1482.8	1684.3	26.3
360.0	358.0	6.711	6.678	34.003	26.677	28.323	26.673	140.9	8.358	.0	1482.5	1766.6	13.7
370.0	368.0	6.554	6.521	34.005	26.700	28.392	26.695	138.8	8.498	.0	1482.0	1850.3	15.2
380.0	377.9	6.473	6.439	34.009	26.713	28.452	26.709	137.6	8.637	.0	1481.9	1935.3	2.9
390.0	387.8	6.408	6.373	34.009	26.722	28.507	26.717	136.9	8.774	.0	1481.8	2021.7	5.5
400.0	397.7	6.336	6.301	34.015	26.736	28.567	26.732	135.6	8.910	.0	1481.6	2109.5	26.0
410.0	407.6	6.263	6.227	34.027	26.755	28.632	26.750	133.9	9.045	.0	1481.5	2198.6	23.6
420.0	417.6	6.235	6.198	34.036	26.766	28.690	26.762	132.9	9.178	.0	1481.6	2289.0	30.7
430.0	427.5	6.010	5.973	34.031	26.790	28.761	26.785	130.6	9.310	.0	1480.8	2380.7	25.1
440.0	437.4	5.970	5.932	34.033	26.797	28.814	26.792	130.1	9.440	.0	1480.9	2473.8	.8
450.0	447.3	5.938	5.899	34.034	26.802	28.865	26.797	129.7	9.570	.0	1480.9	2568.1	13.9
460.0	457.3	5.807	5.768	34.035	26.819	28.929	26.814	128.1	9.699	.0	1480.5	2663.7	11.0
470.0	467.2	5.712	5.672	34.036	26.832	28.989	26.827	126.8	9.826	.0	1480.3	2760.5	5.7
480.0	477.1	5.651	5.611	34.037	26.840	29.043	26.835	126.2	9.953	.0	1480.2	2858.6	7.7
490.0	487.0	5.545	5.504	34.041	26.856	29.107	26.851	124.6	10.078	.0	1480.0	2958.0	2.8
500.0	497.0	5.510	5.469	34.052	26.869	29.165	26.864	123.5	10.202	.0	1480.0	3058.6	6.9
510.0	506.9	5.413	5.371	34.051	26.880	29.223	26.875	122.5	10.325	.0	1479.8	3160.4	13.0
520.0	516.8	5.366	5.324	34.061	26.893	29.283	26.888	121.3	10.447	.0	1479.7	3263.4	22.1
530.0	526.7	5.255	5.212	34.075	26.917	29.354	26.912	119.0	10.568	.0	1479.5	3367.6	45.5
540.0	536.6	5.151	5.108	34.097	26.947	29.431	26.942	116.2	10.685	.0	1479.2	3473.0	7.1
550.0	546.5	5.069	5.025	34.108	26.965	29.496	26.960	114.5	10.800	.0	1479.1	3579.5	22.9
560.0	556.5	5.046	5.001	34.114	26.973	29.550	26.968	113.8	10.914	.0	1479.2	3687.1	14.1
570.0	566.4	5.033	4.988	34.133	26.989	29.612	26.984	112.4	11.028	.0	1479.3	3795.9	32.9
580.0	576.3	4.953	4.907	34.134	26.999	29.669	26.994	111.5	11.139	.0	1479.1	3905.8	1.5
590.0	586.2	4.917	4.871	34.141	27.009	29.725	27.004	110.6	11.250	.0	1479.2	4016.8	8.6
600.0	596.1	4.867	4.820	34.151	27.023	29.785	27.017	109.4	11.360	.0	1479.1	4128.8	8.3
610.0	606.0	4.840	4.793	34.161	27.034	29.842	27.029	108.4	11.469	.0	1479.2	4242.0	5.9
620.0	615.9	4.816	4.767	34.174	27.047	29.901	27.042	107.3	11.577	.0	1479.3	4356.2	15.6
630.0	625.8	4.764	4.714	34.183	27.060	29.960	27.054	106.1	11.684	.0	1479.2	4471.5	8.6
640.0	635.8	4.681	4.631	34.189	27.074	30.022	27.069	104.7	11.789	.0	1479.1	4587.8	10.0
650.0	645.7	4.663	4.613	34.198	27.083	30.076	27.077	104.0	11.893	.0	1479.2	4705.1	3.0
660.0	655.6	4.636	4.585	34.205	27.091	30.131	27.086	103.2	11.997	.0	1479.2	4823.5	7.7
670.0	665.5	4.624	4.572	34.216	27.102	30.187	27.096	102.4	12.100	.0	1479.4	4942.9	21.2
680.0	675.4	4.598	4.546	34.235	27.120	30.251	27.114	100.7	12.201	.0	1479.4	5063.3	3.3
690.0	685.3	4.571	4.517	34.246	27.132	30.309	27.126	99.7	12.302	.0	1479.5	5184.7	28.5
700.0	695.2	4.554	4.500	34.256	27.141	30.365	27.135	98.9	12.401	.0	1479.6	5307.0	6.5
710.0	705.1	4.551	4.496	34.263	27.148	30.417	27.142	98.3	12.500	.0	1479.8	5430.4	26.8
720.0	715.0	4.545	4.489	34.292	27.171	30.486	27.165	96.2	12.597	.0	1480.0	5554.7	15.6
730.0	724.9	4.521	4.464	34.306	27.185	30.546	27.179	95.0	12.692	.0	1480.0	5679.9	7.1
740.0	734.8	4.514	4.457	34.309	27.188	30.595	27.182	94.8	12.787	.0	1480.2	5806.1	-.2
750.0	744.7	4.491	4.433	34.314	27.195	30.648	27.188	94.3	12.882	.0	1480.3	5933.2	1.3
760.0	754.6	4.441	4.383	34.324	27.208	30.708	27.202	93.0	12.976	.0	1480.2	6061.3	8.0
770.0	764.5	4.414	4.354	34.336	27.221	30.767	27.215	91.9	13.068	.0	1480.3	6190.2	1.9
780.0	774.4	4.393	4.333	34.339	27.225	30.817	27.219	91.5	13.160	.0	1480.4	6320.1	2.2
790.0	784.3	4.352	4.292	34.345	27.235	30.873	27.228	90.7	13.251	.0	1480.4	6450.8	9.5
800.0	794.2	4.348	4.286	34.364	27.250	30.934	27.243	89.3	13.341	.0	1480.5	6582.5	18.9
810.0	804.1	4.288	4.226	34.372	27.263	30.993	27.256	88.1	13.429	.0	1480.5	6715.0	1.9
820.0	814.0	4.275	4.212	34.376	27.268	31.044	27.261	87.7	13.517	.0	1480.6	6848.4	9.2
830.0	823.9	4.245	4.182	34.386	27.279	31.101	27.272	86.7	13.604	.0	1480.6	6982.6	4.0
840.0	833.8	4.238	4.174	34.398	27.290	31.158	27.283	85.8	13.691	.0	1480.8	7117.7	2.2
850.0	843.7	4.227	4.162	34.400	27.292	31.207	27.285	85.6	13.776	.0	1480.9	7253.7	7.5
860.0	853.6	4.177	4.112	34.401	27.298	31.260	27.292	85.0	13.861	.0	1480.9	7390.5	2.2
870.0	863.5	4.179	4.112	34.411	27.306	31.313	27.299	84.4	13.946	.0	1481.1	7528.1	2.8
880.0	873.4	4.140	4.073	34.418	27.316	31.369	27.309	83.5	14.030	.0	1481.1	7666.5	9.0
890.0	883.3	4.117	4.050	34.422	27.321	31.420	27.314	83.1	14.113	.0	1481.1	7805.8	1.4
900.0	893.2	4.111	4.043	34.422	27.322	31.467	27.315	83.1	14.197	.0	1481.3	7945.9	.2
910.0	903.1	4.082	4.013	34.427	27.329	31.520	27.322	82.5	14.280	.0	1481.3	8086.7	2.5
920.0	913.0	4.066	3.997	34.429	27.332	31.569	27.325	82.2	14.362	.0	1481.4	8228.5	2.3
930.0	922.9	4.046	3.975	34.431	27.337	31.620	27.329	81.9	14.444	.0	1481.5	8371.0	2.8
940.0	932.8	4.026	3.955	34.434	27.340	31.670	27.333	81.5	14.526	.0	1481.6	8514.3	3.4
950.0	942.7	3.992	3.921	34.439	27.348	31.724	27.341	80.8	14.607	.0	1481.6	8658.4	7.5
960.0	952.6	3.974	3.902	34.445	27.355	31.776	27.347	80.3	14.687	.0	1481.7	8803.3	1.1
970.0	962.5	3.955	3.882	34.447	27.359	31.826	27.351	80.0	14.768	.0	1481.8	8949.0	3.7
980.0	972.4	3.913	3.840	34.450	27.365	31.880	27.358	79.3	14.847	.0	1481.8	9095.5	8.1
990.0	982.3	3.889	3.815	34.453	27.371	31.931	27.363	78.9	14.926	.0	1481.9	9242.7	4.3

Station 39 Latitude 32° 20.51'N Longitude 127° 30.22'W 30 Apr 1991 GMT 23:39 Bottom 4225 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.876	3.802	34.457	27.375	31.981	27.367	78.5	15.005	.0	1482.0	9390.7	3.5
1020.0	1011.9	3.833	3.757	34.463	27.384	32.082	27.376	77.8	15.162	.0	1482.1	9689.1	4.3
1040.0	1031.7	3.785	3.708	34.469	27.394	32.185	27.386	76.9	15.317	.0	1482.3	9990.5	9.9
1060.0	1051.5	3.709	3.631	34.480	27.410	32.294	27.403	75.3	15.469	.0	1482.3	10294.9	8.7
1080.0	1071.3	3.673	3.593	34.484	27.417	32.393	27.409	74.8	15.619	.0	1482.5	10602.3	2.3
1100.0	1091.0	3.606	3.525	34.490	27.428	32.497	27.420	73.7	15.768	.0	1482.5	10912.6	.9
1120.0	1110.8	3.573	3.491	34.495	27.435	32.597	27.427	73.1	15.915	.0	1482.7	11225.7	1.7
1140.0	1130.6	3.537	3.454	34.498	27.442	32.695	27.434	72.6	16.060	.0	1482.9	11541.8	-.6
1160.0	1150.3	3.490	3.405	34.503	27.450	32.796	27.442	71.8	16.205	.0	1483.1	11860.7	1.5
1180.0	1170.1	3.438	3.352	34.509	27.460	32.898	27.452	70.9	16.347	.0	1483.2	12182.3	2.9
1200.0	1189.9	3.408	3.320	34.511	27.465	32.995	27.456	70.6	16.489	.0	1483.4	12506.8	4.7
1220.0	1209.6	3.360	3.271	34.515	27.473	33.095	27.465	69.8	16.629	.0	1483.5	12834.0	4.1
1240.0	1229.4	3.331	3.241	34.518	27.478	33.192	27.469	69.5	16.769	.0	1483.7	13163.9	7.1
1260.0	1249.1	3.293	3.202	34.522	27.485	33.291	27.476	68.8	16.907	.0	1483.9	13496.6	6.8
1280.0	1268.9	3.235	3.142	34.527	27.494	33.394	27.486	67.9	17.044	.0	1484.0	13831.9	2.4
1300.0	1288.6	3.182	3.089	34.531	27.503	33.494	27.494	67.1	17.179	.0	1484.1	14169.9	4.8
1320.0	1308.4	3.139	3.044	34.535	27.510	33.594	27.501	66.4	17.313	.0	1484.3	14510.5	5.1
1340.0	1328.1	3.096	3.000	34.539	27.517	33.694	27.509	65.8	17.445	.0	1484.4	14853.7	3.3
1360.0	1347.9	3.056	2.959	34.543	27.524	33.793	27.515	65.2	17.576	.0	1484.6	15199.5	-.5
1380.0	1367.6	3.022	2.924	34.545	27.529	33.889	27.520	64.8	17.706	.0	1484.8	15547.8	.7
1400.0	1387.4	2.989	2.889	34.548	27.534	33.987	27.525	64.3	17.835	.0	1485.0	15898.6	5.4
1420.0	1407.1	2.952	2.851	34.551	27.540	34.085	27.531	63.7	17.963	.0	1485.1	16252.0	3.4
1440.0	1426.8	2.907	2.805	34.554	27.547	34.184	27.538	63.1	18.090	.0	1485.3	16607.8	2.5
1460.0	1446.6	2.881	2.778	34.556	27.550	34.279	27.541	62.8	18.216	.0	1485.5	16966.1	2.2
1480.0	1466.3	2.865	2.760	34.557	27.553	34.374	27.544	62.6	18.341	.0	1485.8	17326.8	3.1
1500.0	1486.1	2.834	2.727	34.561	27.559	34.471	27.550	62.1	18.466	.0	1486.0	17689.9	2.5
1520.0	1505.8	2.809	2.702	34.563	27.563	34.567	27.553	61.8	18.590	.0	1486.2	18055.5	3.1
1540.0	1525.5	2.782	2.673	34.564	27.566	34.662	27.556	61.5	18.713	.0	1486.4	18423.4	1.4
1560.0	1545.2	2.750	2.640	34.567	27.572	34.759	27.562	61.0	18.835	.0	1486.6	18793.8	.8
1580.0	1565.0	2.720	2.609	34.570	27.577	34.856	27.567	60.5	18.957	.0	1486.8	19166.5	2.9
1600.0	1584.7	2.690	2.577	34.573	27.581	34.953	27.572	60.1	19.078	.0	1487.0	19541.6	2.6
1620.0	1604.4	2.657	2.543	34.574	27.586	35.049	27.576	59.7	19.198	.0	1487.2	19919.0	-.6
1640.0	1624.1	2.625	2.510	34.577	27.591	35.146	27.581	59.2	19.316	.0	1487.4	20298.7	1.1
1660.0	1643.8	2.587	2.470	34.580	27.597	35.244	27.587	58.6	19.434	.0	1487.6	20680.8	4.7
1680.0	1663.6	2.576	2.458	34.582	27.599	35.337	27.589	58.5	19.551	.0	1487.9	21065.1	1.5
1700.0	1683.3	2.527	2.408	34.584	27.605	35.436	27.595	57.8	19.667	.0	1488.0	21451.6	6.4
1720.0	1703.0	2.499	2.378	34.586	27.610	35.532	27.600	57.4	19.783	.0	1488.2	21840.4	4.7
1740.0	1722.7	2.446	2.325	34.588	27.615	35.631	27.605	56.8	19.897	.0	1488.3	22231.5	2.7
1760.0	1742.4	2.423	2.300	34.590	27.619	35.725	27.608	56.5	20.010	.0	1488.6	22624.7	3.3
1780.0	1762.1	2.397	2.273	34.593	27.623	35.821	27.613	56.0	20.122	.0	1488.8	23020.1	2.4
1800.0	1781.8	2.366	2.240	34.595	27.628	35.918	27.617	55.6	20.234	.0	1489.0	23417.7	7.1
1820.0	1801.5	2.349	2.222	34.597	27.631	36.012	27.620	55.4	20.345	.0	1489.3	23817.4	4.2
1840.0	1821.2	2.318	2.190	34.598	27.634	36.107	27.624	55.0	20.455	.0	1489.5	24219.3	.1
1860.0	1840.9	2.302	2.173	34.600	27.637	36.201	27.627	54.7	20.565	.0	1489.7	24623.3	-.5
1880.0	1860.6	2.282	2.151	34.602	27.641	36.296	27.630	54.4	20.675	.0	1490.0	25029.5	3.0
1900.0	1880.3	2.255	2.123	34.604	27.645	36.391	27.634	54.1	20.783	.0	1490.2	25437.7	.1
1920.0	1900.0	2.235	2.102	34.605	27.647	36.486	27.637	53.8	20.891	.0	1490.5	25848.0	2.5
1940.0	1919.7	2.214	2.079	34.608	27.651	36.581	27.640	53.4	20.998	.0	1490.7	26260.4	1.3
1960.0	1939.4	2.195	2.059	34.610	27.654	36.674	27.643	53.2	21.105	.0	1491.0	26674.9	.2
1980.0	1959.1	2.180	2.042	34.612	27.657	36.768	27.646	52.9	21.211	.0	1491.2	27091.4	-.7
2000.0	1978.7	2.162	2.023	34.614	27.660	36.862	27.649	52.7	21.317	.0	1491.5	27510.0	3.7
2050.0	2027.9	2.118	1.975	34.617	27.667	37.097	27.656	52.1	21.579	.0	1492.1	28565.3	.2
2096.0	2073.2	2.063	1.917	34.623	27.676	37.315	27.664	51.2	21.816	.0	1492.7	29547.3	.0

Station 40 Latitude 32° 06.31'N Longitude 127° 37.79'W 30 Apr 1991 GMT 2:40 Bottom 4325 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.568	15.568	33.290	24.530	24.530	24.530	339.6	.000	.0	1507.1	.0	.0
10.0	10.0	15.566	15.564	33.288	24.529	24.573	24.529	339.9	.340	.0	1507.2	1.7	1.4
20.0	19.9	15.526	15.523	33.284	24.536	24.624	24.535	339.6	.679	.0	1507.3	6.8	13.4
30.0	29.9	15.292	15.288	33.257	24.566	24.699	24.565	337.0	1.018	.0	1506.7	15.2	39.4
40.0	39.9	14.848	14.842	33.214	24.630	24.807	24.629	331.2	1.352	.0	1505.4	27.0	66.0
50.0	49.8	14.521	14.514	33.202	24.691	24.912	24.689	325.7	1.680	.0	1504.5	42.1	36.7
60.0	59.8	14.392	14.383	33.205	24.721	24.986	24.719	323.1	2.004	.0	1504.2	60.5	11.5
70.0	69.7	14.366	14.356	33.204	24.726	25.036	24.724	322.9	2.327	.0	1504.3	82.1	9.7
80.0	79.7	14.350	14.338	33.217	24.740	25.094	24.737	321.9	2.650	.0	1504.4	106.9	13.5
90.0	89.7	14.271	14.259	33.224	24.762	25.160	24.759	320.0	2.971	.0	1504.3	134.8	41.1
100.0	99.6	14.167	14.153	33.243	24.799	25.241	24.795	316.8	3.289	.0	1504.2	166.0	48.7
110.0	109.6	13.887	13.871	33.227	24.844	25.332	24.841	312.7	3.603	.0	1503.4	200.3	48.3
120.0	119.5	12.240	12.225	33.077	25.054	25.590	25.051	292.6	3.907	.0	1497.8	237.7	136.7
130.0	129.5	11.209	11.193	33.048	25.222	25.805	25.219	276.7	4.192	.0	1494.4	278.1	64.8
140.0	139.4	10.695	10.678	33.047	25.312	25.942	25.309	268.2	4.465	.0	1492.7	321.1	277.0
150.0	149.4	10.096	10.079	33.112	25.465	26.142	25.462	253.7	4.722	.0	1490.8	366.8	53.2
160.0	159.3	9.975	9.957	33.294	25.628	26.350	25.625	238.4	4.970	.0	1490.7	415.1	59.6
170.0	169.3	9.970	9.951	33.381	25.696	26.463	25.693	232.2	5.205	.0	1491.0	465.7	99.1
180.0	179.2	9.516	9.496	33.477	25.847	26.660	25.843	217.9	5.430	.0	1489.6	518.6	169.9
190.0	189.2	9.302	9.281	33.639	26.008	26.867	26.005	202.8	5.641	.0	1489.2	573.6	53.4
200.0	199.1	9.239	9.218	33.638	26.017	26.922	26.014	202.1	5.843	.0	1489.1	630.7	43.7
210.0	209.1	9.063	9.040	33.671	26.072	27.022	26.068	197.0	6.042	.0	1488.6	689.8	81.7
220.0	219.0	9.007	8.983	33.754	26.145	27.141	26.142	190.2	6.234	.0	1488.7	750.8	99.6
230.0	228.9	8.834	8.809	33.840	26.240	27.282	26.236	181.4	6.419	.0	1488.3	813.7	107.5
240.0	238.9	8.666	8.641	33.910	26.321	27.408	26.317	173.8	6.596	.0	1487.9	878.3	46.6
250.0	248.8	8.613	8.587	33.938	26.352	27.485	26.348	171.1	6.768	.0	1487.9	944.7	25.2
260.0	258.7	8.489	8.462	33.961	26.389	27.568	26.385	167.7	6.938	.0	1487.7	1012.8	51.5
270.0	268.7	8.364	8.337	33.975	26.419	27.644	26.415	164.9	7.104	.0	1487.4	1082.6	16.4
280.0	278.6	8.252	8.224	33.985	26.444	27.715	26.440	162.7	7.268	.0	1487.1	1154.0	48.9
290.0	288.5	8.090	8.061	33.995	26.476	27.793	26.471	159.8	7.430	.0	1486.7	1227.0	17.2
300.0	298.5	7.920	7.890	33.999	26.504	27.868	26.500	157.1	7.588	.0	1486.2	1301.6	10.4
310.0	308.4	7.800	7.770	34.001	26.524	27.933	26.519	155.4	7.744	.0	1485.9	1377.7	9.0
320.0	318.3	7.573	7.542	34.002	26.557	28.013	26.552	152.3	7.898	.0	1485.2	1455.4	14.2
330.0	328.3	7.360	7.329	34.002	26.587	28.091	26.583	149.4	8.050	.0	1484.5	1534.6	40.5
340.0	338.2	7.261	7.229	34.004	26.603	28.153	26.598	148.1	8.198	.0	1484.3	1615.2	9.2
350.0	348.1	7.142	7.109	34.006	26.621	28.217	26.617	146.4	8.346	.0	1484.0	1697.4	36.1
360.0	358.0	7.001	6.967	34.008	26.642	28.285	26.637	144.5	8.491	.0	1483.6	1780.9	7.4
370.0	368.0	6.940	6.906	34.010	26.652	28.341	26.647	143.6	8.635	.0	1483.5	1865.9	36.9
380.0	377.9	6.804	6.769	34.014	26.674	28.409	26.669	141.6	8.777	.0	1483.2	1952.4	-1.7
390.0	387.8	6.722	6.687	34.016	26.687	28.469	26.682	140.5	8.918	.0	1483.0	2040.2	14.6
400.0	397.8	6.512	6.476	34.022	26.719	28.548	26.714	137.4	9.057	.0	1482.4	2129.4	18.1
410.0	407.7	6.418	6.381	34.025	26.734	28.609	26.729	136.0	9.194	.0	1482.1	2220.0	6.1
420.0	417.6	6.366	6.329	34.026	26.742	28.663	26.737	135.4	9.329	.0	1482.1	2311.9	10.5
430.0	427.5	6.303	6.265	34.028	26.751	28.719	26.746	134.6	9.464	.0	1482.0	2405.1	18.1
440.0	437.5	6.147	6.109	34.034	26.775	28.791	26.771	132.2	9.597	.0	1481.6	2499.7	4.3
450.0	447.4	5.943	5.905	34.034	26.802	28.865	26.797	129.7	9.728	.0	1480.9	2595.6	12.8
460.0	457.3	5.802	5.764	34.030	26.816	28.926	26.811	128.3	9.857	.0	1480.5	2692.8	18.0
470.0	467.2	5.682	5.642	34.033	26.833	28.990	26.828	126.7	9.985	.0	1480.2	2791.2	14.2
480.0	477.1	5.622	5.582	34.042	26.847	29.051	26.842	125.4	10.111	.0	1480.1	2890.9	20.0
490.0	487.0	5.501	5.460	34.050	26.868	29.119	26.863	123.4	10.235	.0	1479.8	2991.8	17.7
500.0	497.0	5.440	5.399	34.059	26.883	29.180	26.878	122.1	10.358	.0	1479.7	3093.9	8.6
510.0	506.9	5.382	5.340	34.069	26.898	29.241	26.893	120.8	10.479	.0	1479.7	3197.3	13.3
520.0	516.8	5.351	5.309	34.080	26.910	29.300	26.905	119.7	10.600	.0	1479.7	3301.8	10.1
530.0	526.7	5.272	5.228	34.090	26.928	29.364	26.923	118.1	10.719	.0	1479.6	3407.5	19.1
540.0	536.6	5.178	5.135	34.098	26.945	29.428	26.940	116.5	10.835	.0	1479.4	3514.4	7.7
550.0	546.6	5.102	5.058	34.108	26.961	29.491	26.956	114.9	10.951	.0	1479.2	3622.4	10.6
560.0	556.5	5.044	4.999	34.118	26.976	29.553	26.971	113.5	11.066	.0	1479.2	3731.5	16.2
570.0	566.4	4.991	4.945	34.127	26.990	29.613	26.985	112.3	11.178	.0	1479.1	3841.8	10.3
580.0	576.3	4.947	4.901	34.133	27.000	29.669	26.994	111.4	11.290	.0	1479.1	3953.2	23.8
590.0	586.2	4.873	4.826	34.144	27.017	29.733	27.011	109.8	11.401	.0	1479.0	4065.7	24.4
600.0	596.1	4.784	4.737	34.159	27.038	29.802	27.033	107.8	11.509	.0	1478.8	4179.2	12.6
610.0	606.0	4.722	4.675	34.165	27.050	29.860	27.045	106.7	11.616	.0	1478.7	4293.8	9.4
620.0	616.0	4.702	4.654	34.172	27.058	29.913	27.052	106.1	11.723	.0	1478.8	4409.5	15.6
630.0	625.9	4.660	4.611	34.186	27.074	29.976	27.068	104.6	11.828	.0	1478.8	4526.2	26.4
640.0	635.8	4.616	4.566	34.198	27.088	30.037	27.083	103.3	11.932	.0	1478.8	4644.0	7.4
650.0	645.7	4.579	4.529	34.208	27.100	30.095	27.095	102.2	12.035	.0	1478.8	4762.7	20.8
660.0	655.6	4.538	4.487	34.222	27.116	30.157	27.110	100.8	12.136	.0	1478.8	4882.5	9.7
670.0	665.5	4.538	4.487	34.241	27.131	30.218	27.125	99.5	12.237	.0	1479.0	5003.2	10.3
680.0	675.4	4.506	4.454	34.254	27.145	30.278	27.139	98.2	12.335	.0	1479.1	5125.0	5.6
690.0	685.3	4.507	4.454	34.267	27.155	30.334	27.149	97.3	12.433	.0	1479.3	5247.7	11.2
700.0	695.2	4.521	4.467	34.282	27.166	30.390	27.160	96.5	12.530	.0	1479.5	5371.3	13.0
710.0	705.1	4.522	4.467	34.294	27.175	30.445	27.169	95.7	12.626	.0	1479.7	5495.9	11.8
720.0	715.0	4.426	4.371	34.295	27.186	30.503	27.180	94.6	12.722	.0	1479.5	5621.5	11.2
730.0	724.9	4.453	4.397	34.308	27.194	30.556	27.188	94.0	12.816	.0	1479.8	5747.9	20.6
740.0	734.8	4.460	4.403	34.325	27.206	30.615	27.200	93.0	12.910	.0	1480.0	5875.3	17.7
750.0	744.8	4.435	4.377	34.337	27.219	30.673	27.213	91.9	13.002	.0	1480.1	6003.7	9.2
760.0	754.7	4.408	4.350	34.343	27.227	30.727	27.221	91.2	13.094	.0	1480.1	6132.9	3.3
770.0	764.6	4.369	4.310	34.350	27.237	30.784	27.231	90.3	13.184	.0	1480.1	6263.0	10.7
780.0	774.5	4.312	4.252	34.349	27.242	30.836	27.236	89.8	13.274	.0	1480.0	6394.0	-2.2
790.0	784.4	4.283	4.223	34.358	27.252	30.892	27.246	88.9	13.364	.0	1480.1	6525.9	14.8
800.0	794.3	4.248	4.187	34.366	27.262	30.948	27.256	88.0	13.452	.0	1480.1	6658.6	8.3
810.0	804.2	4.195	4.134	34.368	27.270	31.002	27.263	87.3	13.540	.0	1480.1	6792.3	8.3
820.0	814.1	4.177	4.115	34.371	27.274	31.053	27.267	87.0	13.627	.0	1480.2	6926.7	3.1
830.0	824.0	4.160	4.097	34.377	27.281	31.105	27.274	86.4	13.714	.0	1480.3	7062.1	8.0
840.0	833.9	4.144	4.080	34.384	27.288	31.159	27.281	85.8	13.800	.0	1480.4	7198.3	8.6
850.0	843.8	4.128	4.064	34.392	27.296	31.213	27.290	85.0	13.885	.0	1480.5	7335.3	10.1
860.0	853.7	4.105	4.041	34.398	27.303	31.266	27.297	84.4	13.970	.0	1480.6	7473.1	5.4
870.0	863.6	4.085	4.020	34.405	27.311	31.320	27.304	83.7	14.054	.0	1480.7	7611.8	3.7
880.0	873.5	4.053	3.987	34.407	27.316	31.371	27.309	83.3	14.137	.0	1480.7	7751.3	5.1
890.0	883.3	4.022	3.955	34.412	27.323	31.425	27.316	82.7	14.221	.0	1480.7	7891.7	8.7
900.0	893.3	4.007	3.940	34.419	27.330	31.478	27.323	82.1	14.303	.0	1480.8	8032.8	1.3
910.0	903.1	3.986	3.918	34.424	27.336	31.530	27.329	81.6	14.385	.0	1480.9	8174.7	5.7
920.0	913.0	3.982	3.913	34.424	27.337	31.576	27.330	81.6	14.467	.0	1481.1	8317.5	3.7
930.0	922.9	3.951	3.881	34.431	27.346	31.632	27.339	80.7	14.548	.0	1481.1	8461.0	8.7
940.0	932.8	3.919	3.849	34.437	27.354	31.686	27.347	80.0	14.628	.0	1481.2	8605.4	5.2
950.0	942.7	3.891	3.820	34.440	27.359	31.738	27.352	79.6	14.708	.0	1481.2	8750.5	13.4
960.0	952.6	3.868	3.797	34.448	27.368	31.792	27.361	78.8	14.787	.0	1481.3	8896.4	8.1
970.0	962.5	3.846	3.774	34.452	27.373	31.844	27.366	78.3	14.866	.0	1481.4	9043.0	7.8
980.0	972.4	3.822	3.749	34.455	27.378	31.895	27.371	77.9	14.944	.0	1481.4	9190.5	7.2
990.0	982.3	3.806	3.733	34.456	27.381	31.944	27.374	77.7	15.021	.0	1481.5	9338.7	.8

Station 40 Latitude 32° 06.31'N Longitude 127° 37.79'W 30 Apr 1991 GMT 2:40 Bottom 4325 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.787	3.713	34.458	27.384	31.993	27.377	77.4	15.099	.0	1481.6	9487.6	4.3
1020.0	1012.0	3.768	3.692	34.464	27.391	32.092	27.384	76.9	15.253	.0	1481.9	9787.8	8.7
1040.0	1031.7	3.718	3.641	34.470	27.401	32.194	27.393	76.0	15.406	.0	1482.0	10091.0	.8
1060.0	1051.5	3.668	3.590	34.480	27.414	32.299	27.406	74.9	15.557	.0	1482.1	10397.2	4.1
1080.0	1071.3	3.635	3.556	34.489	27.425	32.402	27.417	74.0	15.706	.0	1482.3	10706.3	7.3
1100.0	1091.1	3.566	3.486	34.492	27.434	32.504	27.426	73.1	15.854	.0	1482.4	11018.3	5.8
1120.0	1110.8	3.523	3.442	34.498	27.443	32.605	27.435	72.3	15.999	.0	1482.5	11333.2	5.8
1140.0	1130.6	3.484	3.401	34.503	27.451	32.705	27.443	71.6	16.143	.0	1482.7	11650.9	3.2
1160.0	1150.4	3.445	3.361	34.508	27.459	32.806	27.451	70.9	16.286	.0	1482.9	11971.4	14.3
1180.0	1170.1	3.384	3.298	34.514	27.469	32.909	27.461	69.9	16.427	.0	1483.0	12294.7	4.7
1200.0	1189.9	3.344	3.258	34.517	27.475	33.007	27.467	69.4	16.566	.0	1483.1	12620.7	5.3
1220.0	1209.7	3.323	3.235	34.518	27.479	33.102	27.470	69.2	16.705	.0	1483.4	12949.4	1.8
1240.0	1229.4	3.260	3.171	34.521	27.487	33.204	27.479	68.4	16.842	.0	1483.4	13280.8	2.1
1260.0	1249.2	3.228	3.137	34.526	27.494	33.302	27.485	67.8	16.978	.0	1483.6	13614.9	.9
1280.0	1268.9	3.187	3.095	34.528	27.500	33.401	27.492	67.2	17.113	.0	1483.8	13951.6	5.6
1300.0	1288.7	3.145	3.052	34.532	27.507	33.500	27.498	66.6	17.247	.0	1483.9	14291.0	7.7
1320.0	1308.4	3.109	3.015	34.535	27.513	33.598	27.504	66.1	17.379	.0	1484.1	14632.9	4.2
1340.0	1328.2	3.064	2.968	34.539	27.520	33.698	27.512	65.4	17.511	.0	1484.3	14977.4	2.7
1360.0	1347.9	3.018	2.921	34.545	27.529	33.799	27.520	64.6	17.641	.0	1484.4	15324.5	.4
1380.0	1367.7	2.967	2.869	34.549	27.537	33.900	27.528	63.8	17.769	.0	1484.5	15674.0	-.5
1400.0	1387.4	2.938	2.839	34.550	27.541	33.996	27.532	63.5	17.896	.0	1484.7	16026.1	3.0
1420.0	1407.1	2.907	2.807	34.553	27.546	34.093	27.537	63.0	18.023	.0	1485.0	16380.6	3.6
1440.0	1426.9	2.868	2.767	34.555	27.551	34.190	27.542	62.6	18.149	.0	1485.1	16737.6	1.6
1460.0	1446.6	2.839	2.736	34.557	27.555	34.286	27.546	62.2	18.274	.0	1485.3	17097.0	3.7
1480.0	1466.3	2.814	2.710	34.559	27.559	34.382	27.550	61.8	18.397	.0	1485.6	17458.9	3.4
1500.0	1486.1	2.768	2.662	34.563	27.567	34.482	27.558	61.1	18.520	.0	1485.7	17823.1	3.1
1520.0	1505.8	2.723	2.616	34.567	27.574	34.581	27.564	60.4	18.642	.0	1485.8	18189.8	4.0
1540.0	1525.6	2.697	2.589	34.570	27.578	34.677	27.569	60.0	18.762	.0	1486.1	18558.7	2.5
1560.0	1545.3	2.663	2.554	34.573	27.584	34.775	27.574	59.5	18.882	.0	1486.3	18930.0	4.3
1580.0	1565.0	2.645	2.534	34.574	27.586	34.869	27.577	59.3	19.001	.0	1486.5	19303.6	-1.6
1600.0	1584.7	2.619	2.507	34.576	27.590	34.965	27.581	59.0	19.119	.0	1486.7	19679.6	6.1
1620.0	1604.4	2.587	2.474	34.578	27.595	35.061	27.585	58.6	19.237	.0	1486.9	20057.8	4.3
1640.0	1624.2	2.554	2.440	34.581	27.600	35.158	27.590	58.1	19.353	.0	1487.1	20438.3	2.0
1660.0	1643.9	2.524	2.408	34.583	27.605	35.255	27.595	57.6	19.469	.0	1487.3	20821.0	3.2
1680.0	1663.6	2.497	2.380	34.586	27.609	35.350	27.599	57.2	19.584	.0	1487.6	21206.0	1.4
1700.0	1683.3	2.465	2.347	34.589	27.614	35.448	27.604	56.7	19.698	.0	1487.8	21593.1	1.2
1720.0	1703.0	2.441	2.321	34.590	27.618	35.543	27.608	56.4	19.811	.0	1488.0	21982.5	4.1
1740.0	1722.7	2.408	2.287	34.594	27.623	35.640	27.613	55.9	19.923	.0	1488.2	22374.1	1.5
1760.0	1742.4	2.390	2.268	34.595	27.625	35.734	27.615	55.7	20.035	.0	1488.4	22767.8	3.8
1780.0	1762.1	2.365	2.242	34.597	27.629	35.829	27.619	55.3	20.146	.0	1488.7	23163.7	1.2
1800.0	1781.8	2.352	2.227	34.598	27.632	35.922	27.621	55.2	20.256	.0	1488.9	23561.7	4.2
1820.0	1801.6	2.327	2.201	34.601	27.636	36.018	27.625	54.8	20.366	.0	1489.2	23961.9	2.1
1840.0	1821.3	2.294	2.167	34.603	27.640	36.114	27.630	54.3	20.475	.0	1489.4	24364.2	2.1
1860.0	1840.9	2.274	2.145	34.606	27.645	36.210	27.634	53.9	20.583	.0	1489.6	24768.6	6.0
1880.0	1860.6	2.246	2.116	34.608	27.648	36.305	27.638	53.6	20.691	.0	1489.8	25175.1	.1
1900.0	1880.3	2.235	2.103	34.609	27.650	36.398	27.639	53.5	20.798	.0	1490.1	25583.6	1.3
1920.0	1900.0	2.214	2.080	34.611	27.653	36.492	27.642	53.2	20.905	.0	1490.4	25994.2	2.5
1940.0	1919.7	2.198	2.064	34.612	27.656	36.586	27.645	53.0	21.011	.0	1490.6	26406.9	1.0
1960.0	1939.4	2.185	2.049	34.613	27.658	36.679	27.647	52.8	21.117	.0	1490.9	26821.6	3.4
1980.0	1959.1	2.155	2.017	34.616	27.663	36.775	27.652	52.3	21.222	.0	1491.1	27238.4	1.4
2000.0	1978.8	2.134	1.995	34.619	27.667	36.870	27.656	51.9	21.326	.0	1491.4	27657.1	-1.9
2050.0	2028.0	2.091	1.949	34.622	27.673	37.103	27.661	51.4	21.584	.0	1492.0	28712.8	-.9
2094.0	2071.3	2.041	1.896	34.625	27.680	37.311	27.669	50.7	21.809	.0	1492.6	29652.1	.0

Station 41 Latitude 31° 52.42'N Longitude 127° 43.30'W 30 Apr 1991 GMT 5:31 Bottom 4385 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.321	15.321	33.241	24.547	24.547	24.547	337.9	.000	.0	1506.3	.0	.0
10.0	10.0	15.326	15.325	33.243	24.547	24.591	24.547	338.2	.338	.0	1506.4	1.7	3.4
20.0	19.9	15.333	15.330	33.244	24.547	24.636	24.547	338.5	.676	.0	1506.6	6.7	2.8
30.0	29.9	15.333	15.329	33.267	24.565	24.697	24.564	337.1	1.015	.0	1506.8	15.2	60.2
40.0	39.9	15.546	15.540	33.513	24.708	24.884	24.706	323.8	1.345	.0	1507.9	26.9	42.1
50.0	49.8	15.597	15.590	33.561	24.734	24.954	24.732	321.7	1.668	.0	1508.3	41.9	2.9
60.0	59.8	15.607	15.598	33.573	24.742	25.006	24.740	321.3	1.989	.0	1508.5	60.2	18.2
70.0	69.7	15.501	15.490	33.586	24.775	25.084	24.773	318.3	2.309	.0	1508.4	81.6	19.3
80.0	79.7	15.644	15.632	33.638	24.784	25.135	24.781	317.9	2.627	.0	1509.1	106.2	4.1
90.0	89.7	15.852	15.838	33.713	24.795	25.191	24.792	317.1	2.945	.0	1510.0	133.9	21.2
100.0	99.6	15.838	15.822	33.739	24.819	25.258	24.816	315.2	3.261	.0	1510.1	164.8	18.5
110.0	109.6	15.648	15.631	33.761	24.878	25.362	24.874	309.9	3.573	.0	1509.7	198.8	48.4
120.0	119.5	14.456	14.438	33.657	25.058	25.589	25.055	292.8	3.876	.0	1505.9	235.9	97.4
130.0	129.5	14.099	14.080	33.652	25.130	25.705	25.126	286.2	4.167	.0	1504.9	276.0	117.5
140.0	139.4	12.675	12.656	33.531	25.323	25.946	25.319	267.7	4.445	.0	1500.2	318.8	165.0
150.0	149.4	12.401	12.382	33.498	25.351	26.020	25.347	265.3	4.711	.0	1499.4	364.4	22.9
160.0	159.3	11.451	11.431	33.548	25.568	26.284	25.564	244.6	4.972	.0	1496.3	412.6	421.8
170.0	169.3	10.904	10.883	33.530	25.652	26.415	25.648	236.7	5.213	.0	1494.5	463.2	224.7
180.0	179.2	9.978	9.957	33.543	25.822	26.633	25.818	220.5	5.438	.0	1491.4	516.2	11.3
190.0	189.2	9.882	9.861	33.544	25.839	26.696	25.835	219.0	5.658	.0	1491.2	571.4	23.0
200.0	199.1	9.597	9.575	33.635	25.957	26.860	25.954	207.9	5.874	.0	1490.4	628.7	238.8
210.0	209.1	9.456	9.433	33.683	26.018	26.966	26.014	202.3	6.078	.0	1490.1	688.1	10.4
220.0	219.0	9.285	9.261	33.724	26.077	27.072	26.074	196.8	6.279	.0	1489.7	749.6	143.9
230.0	228.9	9.033	9.008	33.828	26.200	27.240	26.196	185.3	6.470	.0	1489.1	812.9	89.1
240.0	238.9	8.955	8.929	33.842	26.223	27.309	26.219	183.2	6.654	.0	1488.9	878.1	142.1
250.0	248.8	8.630	8.604	33.917	26.333	27.466	26.329	172.9	6.831	.0	1488.0	945.1	75.3
260.0	258.7	8.486	8.460	33.980	26.404	27.583	26.400	166.2	7.000	.0	1487.7	1013.9	20.8
270.0	268.7	8.267	8.240	33.980	26.437	27.663	26.433	163.2	7.164	.0	1487.0	1084.2	43.6
280.0	278.6	8.167	8.138	33.993	26.462	27.734	26.458	160.9	7.326	.0	1486.8	1156.2	19.3
290.0	288.5	8.041	8.012	33.996	26.484	27.802	26.480	158.9	7.486	.0	1486.5	1229.8	11.6
300.0	298.5	7.841	7.811	33.998	26.515	27.879	26.511	156.1	7.643	.0	1485.9	1304.9	20.4
310.0	308.4	7.668	7.638	33.998	26.540	27.950	26.535	153.8	7.799	.0	1485.4	1381.6	31.5
320.0	318.3	7.490	7.459	34.000	26.567	28.024	26.563	151.3	7.951	.0	1484.9	1459.8	21.5
330.0	328.3	7.307	7.276	34.007	26.599	28.103	26.594	148.3	8.101	.0	1484.3	1539.5	38.4
340.0	338.2	7.107	7.075	34.005	26.625	28.176	26.620	145.9	8.248	.0	1483.7	1620.7	9.1
350.0	348.1	7.037	7.004	34.002	26.632	28.229	26.628	145.2	8.394	.0	1483.6	1703.3	14.7
360.0	358.1	6.869	6.836	34.002	26.655	28.299	26.650	143.1	8.538	.0	1483.1	1787.3	14.1
370.0	368.0	6.751	6.717	34.004	26.672	28.363	26.668	141.5	8.680	.0	1482.8	1872.8	16.7
380.0	377.9	6.639	6.604	34.005	26.689	28.426	26.684	140.0	8.820	.0	1482.5	1959.6	21.1
390.0	387.8	6.510	6.475	34.007	26.707	28.491	26.702	138.3	8.959	.0	1482.2	2047.9	15.8
400.0	397.8	6.418	6.383	34.009	26.721	28.551	26.716	137.1	9.097	.0	1482.0	2137.5	18.4
410.0	407.7	6.281	6.245	34.014	26.743	28.619	26.738	135.1	9.233	.0	1481.6	2228.5	27.4
420.0	417.6	6.179	6.143	34.022	26.762	28.686	26.757	133.3	9.367	.0	1481.4	2320.8	15.4
430.0	427.5	6.075	6.038	34.022	26.775	28.746	26.770	132.1	9.500	.0	1481.1	2414.4	18.3
440.0	437.5	5.957	5.919	34.027	26.794	28.811	26.789	130.3	9.631	.0	1480.8	2509.3	9.5
450.0	447.4	5.857	5.819	34.029	26.808	28.872	26.804	129.0	9.760	.0	1480.6	2605.5	14.8
460.0	457.3	5.704	5.665	34.034	26.831	28.942	26.826	126.8	9.888	.0	1480.1	2703.0	.7
470.0	467.2	5.601	5.562	34.041	26.849	29.007	26.844	125.1	10.014	.0	1479.9	2801.7	13.3
480.0	477.1	5.538	5.498	34.050	26.864	29.069	26.859	123.8	10.139	.0	1479.8	2901.7	17.7
490.0	487.1	5.441	5.401	34.056	26.880	29.132	26.875	122.3	10.262	.0	1479.6	3002.9	15.0
500.0	497.0	5.396	5.355	34.069	26.896	29.194	26.891	120.8	10.384	.0	1479.6	3105.2	22.1
510.0	506.9	5.345	5.303	34.078	26.909	29.253	26.904	119.6	10.504	.0	1479.5	3208.8	34.6
520.0	516.8	5.235	5.193	34.096	26.936	29.327	26.931	117.1	10.622	.0	1479.3	3313.6	16.5
530.0	526.7	5.137	5.094	34.101	26.952	29.390	26.947	115.6	10.738	.0	1479.0	3419.5	11.5
540.0	536.7	5.040	4.997	34.110	26.970	29.455	26.965	113.9	10.853	.0	1478.8	3526.6	14.4
550.0	546.6	4.987	4.943	34.114	26.980	29.511	26.975	113.0	10.966	.0	1478.8	3634.7	6.5
560.0	556.5	4.928	4.884	34.122	26.992	29.571	26.987	111.9	11.079	.0	1478.7	3744.0	13.2
570.0	566.4	4.834	4.789	34.134	27.013	29.638	27.008	109.9	11.190	.0	1478.5	3854.4	16.1
580.0	576.3	4.798	4.752	34.150	27.029	29.701	27.024	108.4	11.299	.0	1478.5	3965.9	12.0
590.0	586.2	4.753	4.707	34.159	27.041	29.759	27.036	107.3	11.407	.0	1478.5	4078.5	7.1
600.0	596.1	4.740	4.693	34.163	27.046	29.810	27.041	107.0	11.514	.0	1478.6	4192.1	11.5
610.0	606.0	4.693	4.646	34.181	27.066	29.876	27.060	105.2	11.620	.0	1478.6	4306.7	17.9
620.0	616.0	4.660	4.612	34.195	27.081	29.938	27.076	103.8	11.724	.0	1478.7	4422.4	7.7
630.0	625.9	4.642	4.594	34.205	27.090	29.993	27.085	103.0	11.828	.0	1478.8	4539.1	9.4
640.0	635.8	4.619	4.569	34.212	27.099	30.048	27.094	102.3	11.931	.0	1478.8	4656.9	11.2
650.0	645.7	4.593	4.542	34.222	27.110	30.105	27.105	101.3	12.032	.0	1478.9	4775.6	14.4
660.0	655.6	4.569	4.518	34.228	27.117	30.158	27.112	100.7	12.133	.0	1479.0	4895.3	11.8
670.0	665.5	4.548	4.496	34.233	27.124	30.211	27.118	100.1	12.233	.0	1479.1	5016.1	8.0
680.0	675.4	4.487	4.435	34.247	27.142	30.275	27.136	98.5	12.333	.0	1479.0	5137.8	13.8
690.0	685.3	4.466	4.414	34.257	27.151	30.331	27.146	97.6	12.431	.0	1479.1	5260.4	3.3
700.0	695.2	4.431	4.378	34.262	27.160	30.386	27.154	96.9	12.528	.0	1479.1	5384.1	21.4
710.0	705.1	4.391	4.337	34.268	27.168	30.441	27.163	96.1	12.624	.0	1479.1	5508.7	.7
720.0	715.0	4.348	4.293	34.275	27.179	30.498	27.173	95.1	12.720	.0	1479.1	5634.2	16.5
730.0	725.0	4.320	4.265	34.284	27.189	30.554	27.183	94.3	12.815	.0	1479.2	5760.7	7.1
740.0	734.9	4.256	4.200	34.287	27.198	30.610	27.192	93.4	12.909	.0	1479.1	5888.1	5.3
750.0	744.8	4.232	4.176	34.292	27.205	30.663	27.199	92.8	13.002	.0	1479.1	6016.4	20.6
760.0	754.7	4.209	4.152	34.299	27.213	30.717	27.207	92.1	13.094	.0	1479.2	6145.6	10.9
770.0	764.6	4.179	4.121	34.306	27.221	30.772	27.215	91.3	13.186	.0	1479.3	6275.7	8.0
780.0	774.5	4.144	4.086	34.319	27.236	30.832	27.229	90.1	13.276	.0	1479.3	6406.8	12.7
790.0	784.4	4.118	4.059	34.329	27.247	30.890	27.240	89.1	13.366	.0	1479.4	6538.7	8.3
800.0	794.3	4.088	4.028	34.339	27.258	30.947	27.251	88.1	13.455	.0	1479.4	6671.4	13.0
810.0	804.2	4.078	4.017	34.344	27.263	30.998	27.257	87.7	13.543	.0	1479.6	6805.1	9.2
820.0	814.1	4.057	3.996	34.352	27.271	31.053	27.265	86.9	13.630	.0	1479.6	6939.6	9.8
830.0	824.0	4.043	3.981	34.358	27.277	31.105	27.271	86.4	13.717	.0	1479.8	7075.0	9.2
840.0	833.9	4.000	3.938	34.369	27.291	31.164	27.284	85.2	13.802	.0	1479.8	7211.2	13.0
850.0	843.8	4.000	3.937	34.372	27.293	31.212	27.286	85.1	13.888	.0	1479.9	7348.2	2.7
860.0	853.7	3.976	3.912	34.380	27.302	31.268	27.295	84.3	13.972	.0	1480.0	7486.1	1.9
870.0	863.6	3.967	3.903	34.381	27.303	31.315	27.297	84.2	14.056	.0	1480.1	7624.8	21.8
880.0	873.5	3.918	3.852	34.387	27.314	31.372	27.307	83.2	14.140	.0	1480.1	7764.4	11.5
890.0	883.4	3.898	3.832	34.392	27.319	31.424	27.313	82.7	14.223	.0	1480.2	7904.7	10.7
900.0	893.3	3.867	3.800	34.403	27.331	31.482	27.325	81.7	14.305	.0	1480.2	8045.9	1.9
910.0	903.2	3.849	3.782	34.408	27.337	31.534	27.331	81.1	14.386	.0	1480.3	8187.8	8.0
920.0	913.1	3.805	3.737	34.414	27.347	31.590	27.340	80.3	14.467	.0	1480.3	8330.6	1.9
930.0	923.0	3.800	3.732	34.419	27.352	31.641	27.345	79.9	14.547	.0	1480.5	8474.1	3.1
940.0	932.8	3.761	3.692	34.422	27.357	31.693	27.351	79.3	14.627	.0	1480.5	8618.5	5.4
950.0	942.7	3.747	3.678	34.429	27.365	31.747	27.358	78.7	14.706	.0	1480.6	8763.6	.7
960.0	952.6	3.729	3.659	34.431	27.368	31.797	27.362	78.4	14.784	.0	1480.7	8909.4	2.5
970.0	962.5	3.753	3.682	34.446	27.378	31.851	27.371	77.7	14.862	.0	1481.0	9056.1	11.6
980.0	972.4	3.727	3.655	34.450	27.384	31.903	27.377	77.1	14.940	.0	1481.0	9203.5	4.9
990.0	982.3	3.723	3.651	34.455	27.388	31.953	27.381	76.8	15.017	.0	1481.2	9351.6	1.9

Station 41 Latitude 31° 52.42'N Longitude 127° 43.30'W 30 Apr 1991 GMT 5:31 Bottom 4385 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.699	3.626	34.461	27.395	32.006	27.388	76.2	15.093	.0	1481.2	9500.5	5.2
1020.0	1012.0	3.655	3.580	34.467	27.404	32.108	27.397	75.4	15.244	.0	1481.4	9800.6	2.0
1040.0	1031.8	3.617	3.541	34.472	27.412	32.208	27.405	74.7	15.394	.0	1481.6	10103.6	7.2
1060.0	1051.5	3.549	3.471	34.479	27.425	32.313	27.417	73.6	15.543	.0	1481.6	10409.5	2.6
1080.0	1071.3	3.540	3.462	34.485	27.430	32.410	27.423	73.2	15.689	.0	1481.9	10718.3	2.9
1100.0	1091.1	3.508	3.428	34.491	27.439	32.511	27.431	72.5	15.835	.0	1482.1	11030.0	3.5
1120.0	1110.8	3.463	3.382	34.494	27.445	32.610	27.437	71.9	15.980	.0	1482.3	11344.5	4.6
1140.0	1130.6	3.410	3.328	34.501	27.456	32.714	27.449	70.9	16.123	.0	1482.4	11661.8	7.6
1160.0	1150.4	3.387	3.303	34.503	27.460	32.809	27.452	70.6	16.264	.0	1482.6	11981.9	2.9
1180.0	1170.2	3.335	3.250	34.507	27.469	32.910	27.461	69.8	16.404	.0	1482.7	12304.7	3.5
1200.0	1189.9	3.306	3.220	34.510	27.474	33.007	27.465	69.5	16.544	.0	1483.0	12630.3	2.3
1220.0	1209.7	3.259	3.172	34.513	27.481	33.106	27.472	68.8	16.682	.0	1483.1	12958.6	7.3
1240.0	1229.4	3.205	3.116	34.518	27.489	33.208	27.481	68.0	16.819	.0	1483.2	13289.5	1.8
1260.0	1249.2	3.166	3.076	34.520	27.495	33.306	27.487	67.5	16.955	.0	1483.4	13623.2	3.2
1280.0	1268.9	3.121	3.030	34.524	27.502	33.405	27.494	66.8	17.089	.0	1483.5	13959.4	6.8
1300.0	1288.7	3.079	2.987	34.529	27.510	33.506	27.502	66.1	17.222	.0	1483.7	14298.3	2.4
1320.0	1308.4	3.047	2.954	34.532	27.516	33.603	27.507	65.6	17.354	.0	1483.9	14639.7	6.2
1340.0	1328.2	3.017	2.922	34.535	27.521	33.701	27.513	65.1	17.485	.0	1484.1	14983.8	7.7
1360.0	1347.9	2.988	2.892	34.539	27.527	33.798	27.518	64.7	17.615	.0	1484.3	15330.3	3.0
1380.0	1367.7	2.946	2.849	34.543	27.534	33.898	27.525	64.0	17.743	.0	1484.4	15679.4	4.5
1400.0	1387.4	2.928	2.829	34.545	27.537	33.993	27.528	63.8	17.871	.0	1484.7	16030.9	3.6
1420.0	1407.2	2.885	2.785	34.550	27.545	34.093	27.536	63.0	17.998	.0	1484.9	16385.0	.4
1440.0	1426.9	2.870	2.769	34.550	27.547	34.186	27.538	62.9	18.124	.0	1485.1	16741.5	-.8
1460.0	1446.7	2.852	2.749	34.553	27.551	34.281	27.542	62.6	18.250	.0	1485.4	17100.4	9.8
1480.0	1466.4	2.809	2.705	34.556	27.558	34.380	27.548	62.0	18.374	.0	1485.5	17461.8	2.8
1500.0	1486.1	2.789	2.684	34.558	27.560	34.475	27.551	61.8	18.498	.0	1485.8	17825.6	3.1
1520.0	1505.8	2.743	2.636	34.562	27.568	34.575	27.559	61.0	18.621	.0	1485.9	18191.8	1.1
1540.0	1525.6	2.710	2.602	34.565	27.573	34.672	27.564	60.5	18.742	.0	1486.1	18560.4	1.1
1560.0	1545.3	2.682	2.573	34.567	27.578	34.768	27.568	60.1	18.863	.0	1486.3	18931.3	5.2
1580.0	1565.0	2.640	2.530	34.571	27.585	34.868	27.575	59.5	18.982	.0	1486.5	19304.6	2.8
1600.0	1584.8	2.616	2.504	34.575	27.590	34.964	27.580	59.0	19.101	.0	1486.7	19680.1	2.3
1620.0	1604.5	2.590	2.477	34.578	27.594	35.061	27.585	58.6	19.218	.0	1486.9	20058.0	2.3
1640.0	1624.2	2.556	2.442	34.582	27.601	35.158	27.591	58.0	19.335	.0	1487.1	20438.1	-1.5
1660.0	1643.9	2.535	2.420	34.584	27.604	35.254	27.594	57.7	19.451	.0	1487.4	20820.5	4.7
1680.0	1663.6	2.510	2.393	34.587	27.608	35.349	27.598	57.3	19.566	.0	1487.6	21205.1	1.2
1700.0	1683.3	2.480	2.362	34.589	27.613	35.446	27.603	56.9	19.680	.0	1487.8	21591.9	5.9
1720.0	1703.1	2.442	2.323	34.592	27.619	35.544	27.608	56.3	19.793	.0	1488.0	21981.0	2.3
1740.0	1722.8	2.420	2.299	34.594	27.622	35.639	27.612	56.0	19.905	.0	1488.2	22372.2	3.8
1760.0	1742.5	2.389	2.267	34.597	27.627	35.736	27.617	55.5	20.017	.0	1488.4	22765.6	-2.3
1780.0	1762.2	2.363	2.240	34.599	27.631	35.831	27.621	55.1	20.128	.0	1488.7	23161.1	5.0
1800.0	1781.9	2.344	2.219	34.600	27.634	35.925	27.624	54.9	20.238	.0	1488.9	23558.8	5.9
1820.0	1801.6	2.318	2.192	34.603	27.639	36.021	27.628	54.5	20.347	.0	1489.1	23958.6	.7
1840.0	1821.3	2.300	2.173	34.605	27.642	36.116	27.631	54.2	20.456	.0	1489.4	24360.5	.4
1860.0	1841.0	2.290	2.161	34.605	27.643	36.207	27.632	54.2	20.565	.0	1489.7	24764.6	.1
1880.0	1860.7	2.269	2.139	34.607	27.646	36.302	27.635	53.9	20.673	.0	1489.9	25170.7	4.8
1900.0	1880.4	2.251	2.119	34.610	27.649	36.396	27.639	53.6	20.780	.0	1490.2	25578.9	3.4
1920.0	1900.1	2.227	2.093	34.611	27.653	36.491	27.642	53.3	20.887	.0	1490.4	25989.1	2.2
1940.0	1919.8	2.206	2.071	34.614	27.656	36.586	27.646	52.9	20.993	.0	1490.7	26401.5	1.9
1960.0	1939.4	2.172	2.036	34.616	27.662	36.683	27.650	52.4	21.098	.0	1490.9	26815.8	4.0
1980.0	1959.1	2.153	2.016	34.618	27.664	36.777	27.653	52.2	21.203	.0	1491.1	27232.2	1.4
2000.0	1978.8	2.136	1.998	34.619	27.667	36.870	27.656	51.9	21.307	.0	1491.4	27650.6	2.5
2050.0	2028.0	2.102	1.960	34.622	27.672	37.102	27.661	51.5	21.565	.0	1492.1	28705.4	2.9
2096.0	2073.3	2.061	1.916	34.625	27.678	37.318	27.667	51.0	21.801	.0	1492.7	29686.8	.0

Station 42 Latitude 31° 47.22'N Longitude 127° 29.09'W 01 May 1991 GMT 8:25 Bottom 4470 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.253	15.253	33.205	24.534	24.534	24.534	339.1	.000	.0	1506.0	.0	.0
10.0	10.0	15.264	15.263	33.207	24.534	24.578	24.533	339.5	.339	.0	1506.2	1.7	-1.6
20.0	19.9	15.265	15.262	33.209	24.535	24.623	24.535	339.6	.679	.0	1506.4	6.8	-1.6
30.0	29.9	15.240	15.235	33.234	24.560	24.692	24.559	337.6	1.018	.0	1506.5	15.2	90.9
40.0	39.9	15.038	15.032	33.283	24.642	24.819	24.641	330.1	1.353	.0	1506.1	27.0	118.1
50.0	49.8	14.844	14.837	33.288	24.688	24.909	24.687	325.9	1.680	.0	1505.6	42.1	31.8
60.0	59.8	14.933	14.924	33.338	24.708	24.972	24.706	324.4	2.005	.0	1506.1	60.5	1.3
70.0	69.7	14.862	14.852	33.326	24.714	25.024	24.712	324.0	2.329	.0	1506.0	82.1	5.1
80.0	79.7	14.934	14.922	33.371	24.734	25.087	24.731	322.5	2.652	.0	1506.5	106.9	16.0
90.0	89.7	15.186	15.173	33.478	24.762	25.158	24.759	320.2	2.974	.0	1507.6	134.9	31.9
100.0	99.6	15.182	15.167	33.498	24.779	25.220	24.776	318.9	3.293	.0	1507.8	166.1	17.2
110.0	109.6	14.500	14.483	33.386	24.840	25.326	24.836	313.3	3.610	.0	1505.6	200.5	81.2
120.0	119.5	14.231	14.214	33.480	24.969	25.500	24.965	301.2	3.918	.0	1505.0	238.0	146.5
130.0	129.5	13.012	12.994	33.345	25.112	25.691	25.109	287.5	4.212	.0	1501.0	278.4	23.3
140.0	139.4	12.043	12.025	33.307	25.270	25.896	25.267	272.5	4.493	.0	1497.8	321.8	100.7
150.0	149.4	11.972	11.953	33.466	25.407	26.077	25.403	259.8	4.759	.0	1497.9	367.8	77.3
160.0	159.3	11.600	11.580	33.484	25.491	26.206	25.487	252.0	5.017	.0	1496.8	416.5	269.0
170.0	169.3	10.792	10.771	33.479	25.632	26.396	25.628	238.5	5.261	.0	1494.1	467.6	130.1
180.0	179.2	10.004	9.984	33.458	25.751	26.563	25.748	227.1	5.494	.0	1491.4	521.1	39.7
190.0	189.2	9.887	9.866	33.496	25.800	26.657	25.797	222.7	5.719	.0	1491.1	576.8	44.1
200.0	199.1	9.489	9.467	33.566	25.921	26.824	25.917	211.3	5.938	.0	1489.9	634.8	153.8
210.0	209.1	9.519	9.496	33.667	25.995	26.943	25.991	204.5	6.147	.0	1490.3	694.9	59.9
220.0	219.0	9.122	9.099	33.694	26.080	27.075	26.076	196.4	6.348	.0	1489.1	757.0	130.1
230.0	228.9	8.845	8.821	33.744	26.163	27.205	26.160	188.6	6.540	.0	1488.2	821.0	75.3
240.0	238.9	8.660	8.635	33.833	26.262	27.350	26.258	179.4	6.724	.0	1487.8	887.0	109.2
250.0	248.8	8.596	8.570	33.917	26.338	27.471	26.334	172.4	6.901	.0	1487.9	954.7	106.3
260.0	258.8	8.432	8.405	33.944	26.384	27.564	26.380	168.1	7.071	.0	1487.4	1024.1	67.9
270.0	268.7	8.291	8.263	33.979	26.433	27.658	26.429	163.6	7.236	.0	1487.1	1095.1	43.3
280.0	278.6	8.096	8.068	34.001	26.479	27.751	26.475	159.3	7.398	.0	1486.5	1167.8	46.5
290.0	288.5	7.896	7.867	34.016	26.521	27.840	26.517	155.3	7.555	.0	1486.0	1242.1	12.2
300.0	298.5	7.689	7.660	34.008	26.544	27.910	26.540	153.2	7.709	.0	1485.3	1317.9	36.4
310.0	308.4	7.507	7.477	34.005	26.569	27.980	26.564	151.0	7.861	.0	1484.8	1395.2	20.3
320.0	318.4	7.404	7.373	34.018	26.594	28.052	26.589	148.7	8.011	.0	1484.6	1474.0	8.6
330.0	328.3	7.321	7.290	34.020	26.607	28.111	26.602	147.5	8.159	.0	1484.4	1554.3	16.8
340.0	338.2	7.212	7.179	34.024	26.625	28.175	26.621	145.9	8.306	.0	1484.1	1636.1	15.0
350.0	348.1	6.976	6.943	34.014	26.650	28.247	26.645	143.5	8.451	.0	1483.4	1719.3	21.4
360.0	358.1	6.911	6.878	34.009	26.655	28.298	26.650	143.2	8.594	.0	1483.3	1803.9	17.3
370.0	368.0	6.771	6.737	34.018	26.681	28.371	26.676	140.8	8.736	.0	1482.9	1889.9	19.0
380.0	377.9	6.640	6.606	34.016	26.697	28.434	26.693	139.2	8.876	.0	1482.5	1977.3	7.6
390.0	387.9	6.558	6.523	34.021	26.712	28.495	26.707	137.9	9.015	.0	1482.4	2066.1	8.2
400.0	397.8	6.438	6.402	34.018	26.725	28.555	26.720	136.7	9.152	.0	1482.0	2156.3	3.2
410.0	407.7	6.344	6.308	34.018	26.738	28.614	26.733	135.6	9.289	.0	1481.8	2247.8	13.7
420.0	417.6	6.263	6.226	34.022	26.751	28.674	26.747	134.3	9.424	.0	1481.7	2340.7	11.6
430.0	427.5	6.241	6.204	34.042	26.770	28.739	26.765	132.7	9.558	.0	1481.8	2434.9	26.6
440.0	437.5	6.207	6.168	34.058	26.787	28.802	26.782	131.2	9.689	.0	1481.8	2530.4	3.7
450.0	447.4	5.988	5.949	34.052	26.810	28.873	26.805	128.9	9.819	.0	1481.1	2627.1	13.9
460.0	457.3	5.825	5.785	34.047	26.827	28.937	26.822	127.3	9.948	.0	1480.6	2725.2	11.9
470.0	467.2	5.721	5.681	34.052	26.843	29.000	26.838	125.8	10.074	.0	1480.4	2824.5	10.4
480.0	477.1	5.571	5.531	34.051	26.861	29.065	26.856	124.1	10.200	.0	1479.9	2925.1	19.1
490.0	487.1	5.488	5.447	34.056	26.875	29.126	26.870	122.8	10.323	.0	1479.7	3026.9	22.1
500.0	497.0	5.438	5.397	34.066	26.888	29.186	26.883	121.6	10.445	.0	1479.7	3129.9	33.5
510.0	506.9	5.318	5.276	34.074	26.909	29.253	26.904	119.6	10.566	.0	1479.4	3234.1	11.5
520.0	516.8	5.223	5.181	34.091	26.934	29.325	26.929	117.3	10.684	.0	1479.2	3339.5	15.6
530.0	526.8	5.214	5.172	34.098	26.941	29.378	26.936	116.8	10.801	.0	1479.3	3446.0	16.2
540.0	536.7	5.074	5.031	34.096	26.955	29.440	26.950	115.3	10.917	.0	1478.9	3553.7	11.2
550.0	546.6	5.022	4.978	34.103	26.966	29.498	26.962	114.3	11.032	.0	1478.9	3662.5	1.5
560.0	556.5	4.960	4.915	34.114	26.983	29.560	26.978	112.8	11.146	.0	1478.8	3772.5	33.1
570.0	566.4	4.899	4.854	34.125	26.998	29.622	26.993	111.4	11.258	.0	1478.7	3883.5	12.0
580.0	576.3	4.844	4.798	34.132	27.010	29.681	27.005	110.3	11.368	.0	1478.7	3995.7	17.9
590.0	586.2	4.798	4.751	34.139	27.021	29.738	27.016	109.3	11.478	.0	1478.7	4108.9	16.7
600.0	596.2	4.731	4.685	34.152	27.039	29.803	27.034	107.6	11.587	.0	1478.6	4223.3	17.0
610.0	606.1	4.659	4.612	34.165	27.057	29.868	27.052	106.0	11.693	.0	1478.5	4338.7	8.2
620.0	616.0	4.625	4.577	34.172	27.066	29.924	27.061	105.1	11.799	.0	1478.5	4455.1	5.9
630.0	625.9	4.549	4.501	34.189	27.088	29.992	27.083	103.1	11.903	.0	1478.4	4572.5	11.7
640.0	635.8	4.511	4.462	34.200	27.101	30.051	27.096	101.9	12.005	.0	1478.4	4691.0	12.6
650.0	645.7	4.479	4.430	34.214	27.116	30.112	27.111	100.6	12.107	.0	1478.4	4810.5	10.6
660.0	655.6	4.452	4.402	34.221	27.124	30.167	27.119	99.9	12.207	.0	1478.5	4931.0	4.1
670.0	665.5	4.412	4.362	34.231	27.137	30.226	27.131	98.7	12.307	.0	1478.5	5052.4	11.5
680.0	675.4	4.368	4.317	34.244	27.152	30.288	27.146	97.3	12.405	.0	1478.5	5174.8	4.7
690.0	685.3	4.352	4.299	34.248	27.156	30.338	27.151	97.0	12.502	.0	1478.6	5298.2	10.6
700.0	695.3	4.338	4.285	34.251	27.161	30.388	27.155	96.6	12.599	.0	1478.7	5422.6	7.7
710.0	705.2	4.302	4.248	34.264	27.175	30.449	27.169	95.3	12.695	.0	1478.7	5547.9	16.4
720.0	715.1	4.265	4.211	34.270	27.184	30.504	27.178	94.5	12.790	.0	1478.8	5674.1	11.5
730.0	725.0	4.252	4.196	34.278	27.191	30.558	27.185	94.0	12.884	.0	1478.9	5801.2	17.3
740.0	734.9	4.232	4.177	34.285	27.199	30.611	27.193	93.3	12.977	.0	1479.0	5929.3	3.6
750.0	744.8	4.204	4.148	34.294	27.209	30.668	27.204	92.3	13.070	.0	1479.0	6058.3	8.6
760.0	754.7	4.181	4.124	34.302	27.218	30.723	27.212	91.6	13.162	.0	1479.1	6188.2	9.1
770.0	764.6	4.173	4.116	34.314	27.228	30.779	27.222	90.7	13.253	.0	1479.3	6319.0	22.6
780.0	774.5	4.180	4.121	34.326	27.238	30.834	27.232	89.9	13.344	.0	1479.5	6450.7	5.9
790.0	784.4	4.155	4.096	34.336	27.248	30.890	27.242	89.0	13.433	.0	1479.5	6583.3	7.4
800.0	794.3	4.132	4.072	34.347	27.259	30.948	27.253	88.0	13.522	.0	1479.6	6716.7	12.7
810.0	804.2	4.124	4.064	34.366	27.275	31.009	27.269	86.6	13.609	.0	1479.8	6851.0	14.7
820.0	814.1	4.133	4.072	34.376	27.282	31.062	27.276	86.1	13.696	.0	1480.0	6986.2	3.0
830.0	824.0	4.119	4.056	34.384	27.290	31.116	27.284	85.4	13.781	.0	1480.1	7122.2	10.1
840.0	833.9	4.022	3.959	34.383	27.299	31.173	27.293	84.4	13.866	.0	1479.9	7259.1	3.3
850.0	843.8	4.052	3.988	34.397	27.308	31.226	27.301	83.8	13.950	.0	1480.2	7396.8	8.3
860.0	853.7	4.020	3.956	34.406	27.318	31.283	27.312	82.9	14.034	.0	1480.2	7535.2	4.2
870.0	863.6	4.038	3.973	34.415	27.324	31.334	27.317	82.5	14.116	.0	1480.5	7674.6	9.5
880.0	873.5	4.019	3.953	34.424	27.333	31.389	27.326	81.7	14.198	.0	1480.6	7814.7	8.6
890.0	883.4	4.004	3.938	34.430	27.339	31.441	27.332	81.2	14.280	.0	1480.7	7955.6	6.3
900.0	893.3	3.979	3.912	34.437	27.348	31.496	27.341	80.4	14.361	.0	1480.7	8097.3	1.9
910.0	903.2	3.955	3.888	34.443	27.355	31.549	27.348	79.8	14.441	.0	1480.8	8239.8	9.5
920.0	913.1	3.951	3.882	34.446	27.357	31.597	27.351	79.6	14.521	.0	1481.0	8383.1	6.6
930.0	923.0	3.947	3.877	34.453	27.364	31.649	27.357	79.1	14.600	.0	1481.1	8527.2	2.2
940.0	932.9	3.930	3.859	34.458	27.369	31.701	27.362	78.6	14.679	.0	1481.2	8672.0	10.1
950.0	942.8	3.854	3.784	34.456	27.375	31.754	27.368	78.0	14.757	.0	1481.1	8817.6	3.4
960.0	952.6	3.862	3.791	34.461	27.379	31.803	27.372	77.8	14.835	.0	1481.3	8964.0	2.8
970.0	962.5	3.813	3.741	34.462	27.385	31.856	27.378	77.2	14.913	.0	1481.2	9111.2	1.4
980.0	972.4	3.813	3.740	34.466	27.388	31.905	27.381	77.0	14.990	.0	1481.4	9259.1	6.4
990.0	982.3	3.778	3.705	34.469	27.394	31.957	27.386	76.4	15.066	.0	1481.4	9407.7	6.9

Station 42 Latitude 31° 47.22'N Longitude 127° 29.09'W 01 May 1991 GMT 8:25 Bottom 4470 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.747	3.674	34.472	27.400	32.009	27.392	75.9	15.142	.0	1481.5	9557.1	5.2
1020.0	1012.0	3.704	3.629	34.480	27.410	32.112	27.403	75.0	15.293	.0	1481.6	9858.1	6.1
1040.0	1031.8	3.654	3.578	34.488	27.422	32.216	27.414	73.9	15.442	.0	1481.8	10162.1	.8
1060.0	1051.6	3.617	3.539	34.487	27.425	32.311	27.417	73.7	15.590	.0	1481.9	10468.9	14.3
1080.0	1071.3	3.551	3.472	34.494	27.437	32.417	27.429	72.6	15.736	.0	1482.0	10778.7	11.1
1100.0	1091.1	3.520	3.440	34.497	27.442	32.514	27.435	72.2	15.881	.0	1482.2	11091.3	3.5
1120.0	1110.9	3.479	3.398	34.502	27.450	32.614	27.442	71.5	16.024	.0	1482.4	11406.6	3.8
1140.0	1130.6	3.444	3.361	34.505	27.456	32.712	27.448	71.0	16.167	.0	1482.5	11724.8	6.1
1160.0	1150.4	3.415	3.331	34.508	27.462	32.809	27.454	70.6	16.309	.0	1482.7	12045.8	4.7
1180.0	1170.2	3.381	3.296	34.511	27.468	32.907	27.459	70.1	16.449	.0	1482.9	12369.5	2.3
1200.0	1189.9	3.349	3.262	34.516	27.474	33.006	27.466	69.5	16.589	.0	1483.1	12696.0	4.4
1220.0	1209.7	3.315	3.227	34.519	27.480	33.104	27.471	69.1	16.728	.0	1483.3	13025.2	1.5
1240.0	1229.4	3.286	3.196	34.521	27.485	33.201	27.477	68.6	16.866	.0	1483.5	13357.1	1.2
1260.0	1249.2	3.242	3.151	34.525	27.492	33.300	27.483	68.0	17.003	.0	1483.7	13691.6	5.9
1280.0	1269.0	3.188	3.097	34.530	27.501	33.402	27.493	67.1	17.138	.0	1483.8	14028.9	5.0
1300.0	1288.7	3.147	3.054	34.534	27.508	33.501	27.499	66.5	17.271	.0	1484.0	14368.7	1.8
1320.0	1308.5	3.115	3.020	34.536	27.513	33.598	27.505	66.1	17.404	.0	1484.2	14711.1	3.0
1340.0	1328.2	3.083	2.988	34.539	27.518	33.695	27.510	65.6	17.536	.0	1484.4	15056.1	3.9
1360.0	1348.0	3.050	2.953	34.542	27.524	33.793	27.515	65.2	17.667	.0	1484.6	15403.7	2.7
1380.0	1367.7	3.031	2.932	34.544	27.527	33.888	27.518	64.9	17.797	.0	1484.8	15753.8	1.3
1400.0	1387.4	2.987	2.888	34.548	27.535	33.987	27.525	64.2	17.926	.0	1485.0	16106.5	5.7
1420.0	1407.2	2.941	2.841	34.551	27.542	34.087	27.532	63.6	18.054	.0	1485.1	16461.6	4.5
1440.0	1426.9	2.908	2.806	34.553	27.546	34.183	27.537	63.2	18.180	.0	1485.3	16819.2	1.6
1460.0	1446.7	2.875	2.772	34.554	27.550	34.279	27.540	62.8	18.306	.0	1485.5	17179.3	4.8
1480.0	1466.4	2.833	2.729	34.559	27.557	34.379	27.548	62.1	18.431	.0	1485.6	17541.8	.2
1500.0	1486.1	2.809	2.703	34.561	27.561	34.475	27.552	61.8	18.555	.0	1485.9	17906.7	4.0
1520.0	1505.9	2.776	2.670	34.564	27.567	34.572	27.557	61.3	18.678	.0	1486.1	18274.0	1.4
1540.0	1525.6	2.759	2.651	34.565	27.569	34.666	27.560	61.1	18.801	.0	1486.3	18643.8	6.1
1560.0	1545.3	2.730	2.620	34.567	27.573	34.762	27.564	60.7	18.923	.0	1486.5	19015.9	6.1
1580.0	1565.0	2.687	2.576	34.570	27.580	34.861	27.570	60.1	19.044	.0	1486.7	19390.3	1.7
1600.0	1584.8	2.675	2.563	34.572	27.583	34.954	27.573	59.9	19.164	.0	1487.0	19767.1	1.4
1620.0	1604.5	2.644	2.530	34.576	27.588	35.052	27.578	59.4	19.283	.0	1487.2	20146.3	1.4
1640.0	1624.2	2.621	2.506	34.578	27.592	35.147	27.582	59.1	19.402	.0	1487.4	20527.7	-.3
1660.0	1643.9	2.585	2.468	34.581	27.597	35.245	27.587	58.5	19.519	.0	1487.6	20911.4	5.8
1680.0	1663.6	2.552	2.435	34.583	27.602	35.342	27.592	58.1	19.636	.0	1487.8	21297.4	7.3
1700.0	1683.4	2.519	2.400	34.587	27.608	35.439	27.598	57.5	19.751	.0	1488.0	21685.6	2.3
1720.0	1703.1	2.479	2.359	34.589	27.613	35.536	27.603	57.0	19.866	.0	1488.1	22076.1	-.6
1740.0	1722.8	2.448	2.327	34.591	27.618	35.633	27.607	56.6	19.979	.0	1488.4	22468.8	-.9
1760.0	1742.5	2.419	2.296	34.593	27.622	35.729	27.612	56.1	20.092	.0	1488.6	22863.7	-1.1
1780.0	1762.2	2.399	2.276	34.596	27.626	35.824	27.615	55.8	20.204	.0	1488.8	23260.7	-.8
1800.0	1781.9	2.374	2.249	34.598	27.630	35.919	27.619	55.5	20.316	.0	1489.0	23659.9	6.8
1820.0	1801.6	2.330	2.204	34.600	27.635	36.017	27.625	54.9	20.426	.0	1489.2	24061.3	2.1
1840.0	1821.3	2.303	2.175	34.602	27.639	36.113	27.629	54.5	20.535	.0	1489.4	24464.7	5.9
1860.0	1841.0	2.272	2.143	34.605	27.644	36.209	27.633	54.0	20.644	.0	1489.6	24870.3	-2.0
1880.0	1860.7	2.246	2.116	34.607	27.648	36.305	27.637	53.6	20.751	.0	1489.8	25278.0	.4
1900.0	1880.4	2.235	2.103	34.608	27.649	36.397	27.639	53.5	20.858	.0	1490.1	25687.8	.7
1920.0	1900.1	2.220	2.087	34.610	27.653	36.491	27.642	53.2	20.965	.0	1490.4	26099.6	2.2
1940.0	1919.8	2.201	2.066	34.612	27.656	36.586	27.645	53.0	21.072	.0	1490.7	26513.4	2.2
1960.0	1939.5	2.176	2.040	34.613	27.659	36.680	27.648	52.7	21.177	.0	1490.9	26929.4	3.7
1980.0	1959.2	2.158	2.020	34.617	27.663	36.775	27.652	52.3	21.282	.0	1491.1	27347.3	4.9
2000.0	1978.8	2.143	2.004	34.617	27.665	36.868	27.654	52.2	21.387	.0	1491.4	27767.3	-.7
2050.0	2028.0	2.104	1.962	34.622	27.672	37.102	27.660	51.6	21.646	.0	1492.1	28826.1	-.6
2098.0	2075.3	2.055	1.909	34.626	27.679	37.328	27.667	50.9	21.892	.0	1492.7	29854.2	.0

Station 43 Latitude 32° 01.32'N Longitude 127° 22.04'W 01 May 1991 GMT 11:30 Bottom 4155 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.127	15.127	33.196	24.555	24.555	24.555	337.2	.000	.0	1505.6	.0	.0
10.0	10.0	15.128	15.126	33.195	24.554	24.598	24.554	337.5	.338	.0	1505.7	1.7	-.2
20.0	19.9	15.135	15.132	33.196	24.553	24.642	24.553	337.9	.676	.0	1505.9	6.7	.4
30.0	29.9	15.145	15.140	33.200	24.555	24.687	24.554	338.1	1.014	.0	1506.1	15.1	5.1
40.0	39.9	15.321	15.315	33.391	24.664	24.840	24.663	328.0	1.348	.0	1507.1	26.9	25.1
50.0	49.8	15.262	15.254	33.408	24.690	24.911	24.689	325.8	1.675	.0	1507.1	42.0	26.6
60.0	59.8	15.184	15.175	33.403	24.703	24.968	24.701	324.8	2.000	.0	1507.0	60.3	23.6
70.0	69.7	14.937	14.926	33.370	24.732	25.041	24.730	322.4	2.324	.0	1506.3	81.8	-3.6
80.0	79.7	14.832	14.821	33.361	24.748	25.101	24.745	321.2	2.645	.0	1506.1	106.6	33.5
90.0	89.7	15.042	15.029	33.441	24.764	25.162	24.762	319.9	2.966	.0	1507.1	134.5	32.7
100.0	99.6	14.790	14.776	33.406	24.792	25.234	24.789	317.5	3.285	.0	1506.4	165.6	30.9
110.0	109.6	14.637	14.621	33.410	24.828	25.314	24.825	314.4	3.601	.0	1506.1	199.9	159.1
120.0	119.5	13.917	13.900	33.325	24.915	25.446	24.911	306.3	3.910	.0	1503.8	237.3	292.5
130.0	129.5	12.131	12.114	33.151	25.132	25.713	25.129	285.4	4.202	.0	1497.7	277.7	120.9
140.0	139.4	11.682	11.665	33.222	25.271	25.898	25.268	272.4	4.479	.0	1496.4	320.9	37.7
150.0	149.4	11.162	11.143	33.224	25.367	26.040	25.364	263.3	4.747	.0	1494.7	366.8	186.6
160.0	159.3	10.742	10.723	33.327	25.523	26.242	25.519	248.7	5.001	.0	1493.5	415.3	23.5
170.0	169.3	10.288	10.269	33.374	25.637	26.402	25.633	237.9	5.245	.0	1492.1	466.3	204.0
180.0	179.2	10.041	10.020	33.396	25.697	26.508	25.693	232.3	5.479	.0	1491.4	519.6	79.0
190.0	189.2	9.679	9.658	33.479	25.822	26.680	25.819	220.5	5.705	.0	1490.3	575.2	75.7
200.0	199.1	9.519	9.497	33.539	25.895	26.799	25.892	213.8	5.923	.0	1490.0	633.0	76.5
210.0	209.1	9.248	9.225	33.597	25.984	26.934	25.981	205.4	6.135	.0	1489.2	693.0	186.0
220.0	219.0	9.102	9.078	33.715	26.100	27.095	26.096	194.6	6.334	.0	1489.0	755.0	112.5
230.0	228.9	8.849	8.824	33.785	26.195	27.236	26.191	185.7	6.524	.0	1488.3	818.9	76.2
240.0	238.9	8.766	8.741	33.880	26.282	27.369	26.278	177.6	6.705	.0	1488.3	884.6	69.1
250.0	248.8	8.681	8.655	33.938	26.341	27.473	26.337	172.1	6.880	.0	1488.2	952.1	55.4
260.0	258.8	8.474	8.447	33.973	26.400	27.579	26.396	166.6	7.049	.0	1487.6	1021.3	64.7
270.0	268.7	8.308	8.281	33.984	26.435	27.660	26.430	163.5	7.214	.0	1487.2	1092.2	38.9
280.0	278.6	8.115	8.087	33.992	26.470	27.741	26.466	160.2	7.376	.0	1486.6	1164.6	32.7
290.0	288.5	7.872	7.843	33.995	26.508	27.827	26.504	156.6	7.535	.0	1485.8	1238.7	22.4
300.0	298.5	7.792	7.762	33.997	26.521	27.886	26.517	155.5	7.691	.0	1485.7	1314.3	18.3
310.0	308.4	7.633	7.602	34.000	26.546	27.957	26.542	153.2	7.845	.0	1485.3	1391.4	39.1
320.0	318.3	7.444	7.413	34.000	26.573	28.031	26.569	150.6	7.996	.0	1484.7	1470.1	11.2
330.0	328.3	7.284	7.253	34.001	26.597	28.101	26.592	148.5	8.146	.0	1484.2	1550.3	12.4
340.0	338.2	7.193	7.161	34.001	26.610	28.160	26.605	147.3	8.294	.0	1484.0	1631.9	21.1
350.0	348.1	7.050	7.017	34.009	26.636	28.233	26.631	144.9	8.441	.0	1483.6	1715.0	36.4
360.0	358.1	6.902	6.868	34.011	26.658	28.302	26.654	142.8	8.585	.0	1483.2	1799.5	28.1
370.0	368.0	6.760	6.726	34.015	26.680	28.371	26.676	140.8	8.726	.0	1482.8	1885.4	16.4
380.0	377.9	6.607	6.573	34.019	26.704	28.441	26.699	138.6	8.866	.0	1482.4	1972.7	24.0
390.0	387.8	6.494	6.459	34.021	26.720	28.504	26.715	137.1	9.004	.0	1482.1	2061.4	29.2
400.0	397.8	6.449	6.413	34.026	26.730	28.560	26.726	136.2	9.141	.0	1482.1	2151.5	19.0
410.0	407.7	6.348	6.312	34.031	26.747	28.624	26.743	134.7	9.276	.0	1481.9	2242.8	2.9
420.0	417.6	6.264	6.227	34.030	26.758	28.681	26.753	133.8	9.410	.0	1481.7	2335.6	31.0
430.0	427.5	6.100	6.063	34.040	26.786	28.756	26.781	131.0	9.543	.0	1481.2	2429.6	50.9
440.0	437.5	6.003	5.965	34.040	26.798	28.815	26.794	129.9	9.673	.0	1481.0	2525.0	2.8
450.0	447.4	5.799	5.761	34.043	26.826	28.891	26.821	127.2	9.802	.0	1480.3	2621.6	4.2
460.0	457.3	5.767	5.728	34.042	26.830	28.941	26.825	127.0	9.929	.0	1480.4	2719.4	37.9
470.0	467.2	5.592	5.553	34.052	26.859	29.017	26.854	124.2	10.054	.0	1479.8	2818.6	30.9
480.0	477.1	5.513	5.473	34.060	26.874	29.079	26.869	122.8	10.177	.0	1479.7	2918.9	10.6
490.0	487.1	5.481	5.440	34.063	26.881	29.132	26.876	122.2	10.300	.0	1479.7	3020.5	21.5
500.0	497.0	5.434	5.393	34.070	26.892	29.190	26.888	121.2	10.421	.0	1479.7	3123.3	4.5
510.0	506.9	5.334	5.293	34.081	26.913	29.257	26.908	119.3	10.542	.0	1479.5	3227.2	22.3
520.0	516.8	5.253	5.210	34.088	26.928	29.319	26.923	117.9	10.660	.0	1479.3	3332.4	6.2
530.0	526.7	5.232	5.189	34.095	26.936	29.373	26.931	117.2	10.778	.0	1479.4	3438.7	12.7
540.0	536.7	5.197	5.154	34.106	26.949	29.432	26.944	116.1	10.895	.0	1479.4	3546.1	13.8
550.0	546.6	5.055	5.011	34.119	26.976	29.507	26.971	113.5	11.010	.0	1479.0	3654.7	28.2
560.0	556.5	4.964	4.919	34.129	26.994	29.571	26.989	111.8	11.122	.0	1478.8	3764.4	3.0
570.0	566.4	4.923	4.878	34.135	27.003	29.627	26.998	110.9	11.233	.0	1478.9	3875.3	3.9
580.0	576.3	4.911	4.866	34.138	27.007	29.677	27.002	110.6	11.344	.0	1479.0	3987.2	20.0
590.0	586.2	4.844	4.797	34.149	27.024	29.740	27.018	109.1	11.454	.0	1478.9	4100.2	14.1
600.0	596.1	4.841	4.794	34.159	27.032	29.795	27.027	108.4	11.563	.0	1479.0	4214.3	25.5
610.0	606.0	4.839	4.791	34.180	27.049	29.857	27.044	107.0	11.670	.0	1479.2	4329.4	24.1
620.0	616.0	4.789	4.740	34.196	27.068	29.922	27.062	105.3	11.776	.0	1479.2	4445.6	5.0
630.0	625.9	4.657	4.608	34.201	27.086	29.988	27.081	103.5	11.881	.0	1478.8	4562.9	21.1
640.0	635.8	4.608	4.558	34.209	27.098	30.046	27.092	102.4	11.984	.0	1478.8	4681.1	15.0
650.0	645.7	4.601	4.551	34.221	27.108	30.103	27.103	101.5	12.086	.0	1478.9	4800.4	2.7
660.0	655.6	4.533	4.482	34.227	27.120	30.162	27.115	100.3	12.187	.0	1478.8	4920.6	10.0
670.0	665.5	4.458	4.406	34.234	27.134	30.222	27.128	99.1	12.286	.0	1478.7	5041.9	10.0
680.0	675.4	4.412	4.360	34.243	27.146	30.281	27.141	97.9	12.385	.0	1478.7	5164.1	9.1
690.0	685.3	4.397	4.345	34.256	27.158	30.339	27.153	96.8	12.482	.0	1478.8	5287.3	5.9
700.0	695.2	4.384	4.331	34.265	27.167	30.394	27.161	96.1	12.579	.0	1478.9	5411.5	5.9
710.0	705.1	4.355	4.301	34.275	27.178	30.451	27.172	95.2	12.674	.0	1479.0	5536.5	12.1
720.0	715.0	4.345	4.290	34.288	27.189	30.508	27.184	94.2	12.769	.0	1479.1	5662.6	13.2
730.0	725.0	4.330	4.275	34.295	27.196	30.561	27.191	93.6	12.863	.0	1479.2	5789.5	10.0
740.0	734.9	4.343	4.286	34.308	27.206	30.616	27.200	92.9	12.956	.0	1479.5	5917.4	14.1
750.0	744.8	4.328	4.271	34.323	27.219	30.675	27.213	91.7	13.049	.0	1479.6	6046.2	25.9
760.0	754.7	4.319	4.261	34.341	27.235	30.737	27.229	90.3	13.139	.0	1479.7	6175.8	6.3
770.0	764.6	4.323	4.265	34.348	27.240	30.788	27.234	89.9	13.229	.0	1479.9	6306.4	4.2
780.0	774.5	4.279	4.220	34.356	27.251	30.845	27.245	88.9	13.319	.0	1479.9	6437.9	5.7
790.0	784.4	4.247	4.187	34.359	27.257	30.897	27.251	88.4	13.407	.0	1480.0	6570.2	-.8
800.0	794.3	4.226	4.165	34.370	27.268	30.955	27.262	87.4	13.495	.0	1480.0	6703.4	5.1
810.0	804.2	4.205	4.143	34.378	27.277	31.009	27.270	86.6	13.582	.0	1480.1	6837.4	15.9
820.0	814.1	4.178	4.116	34.387	27.287	31.065	27.280	85.7	13.668	.0	1480.2	6972.3	6.9
830.0	824.0	4.166	4.103	34.393	27.292	31.117	27.286	85.3	13.754	.0	1480.3	7108.0	6.0
840.0	833.9	4.145	4.082	34.399	27.300	31.170	27.293	84.7	13.839	.0	1480.4	7244.6	10.1
850.0	843.8	4.104	4.040	34.401	27.306	31.223	27.299	84.1	13.923	.0	1480.4	7382.0	.1
860.0	853.7	4.088	4.023	34.403	27.309	31.272	27.302	83.8	14.007	.0	1480.5	7520.3	1.0
870.0	863.6	4.072	4.007	34.407	27.314	31.323	27.307	83.5	14.091	.0	1480.6	7659.3	4.3
880.0	873.5	4.044	3.978	34.415	27.323	31.379	27.316	82.6	14.174	.0	1480.7	7799.2	19.8
890.0	883.4	4.020	3.954	34.420	27.330	31.431	27.323	82.0	14.256	.0	1480.7	7939.9	6.0
900.0	893.3	3.994	3.927	34.425	27.337	31.485	27.330	81.4	14.338	.0	1480.8	8081.3	1.3
910.0	903.2	3.984	3.916	34.429	27.340	31.534	27.333	81.2	14.419	.0	1480.9	8223.6	4.3
920.0	913.0	3.958	3.889	34.437	27.349	31.589	27.342	80.4	14.500	.0	1481.0	8366.7	7.2
930.0	922.9	3.952	3.882	34.439	27.352	31.637	27.345	80.2	14.580	.0	1481.1	8510.6	2.5
940.0	932.8	3.951	3.881	34.442	27.355	31.686	27.347	80.0	14.660	.0	1481.3	8655.2	3.1
950.0	942.7	3.936	3.865	34.446	27.359	31.736	27.352	79.7	14.740	.0	1481.4	8800.7	9.6
960.0	952.6	3.914	3.842	34.451	27.366	31.789	27.358	79.1	14.820	.0	1481.5	8946.9	6.4
970.0	962.5	3.897	3.824	34.454	27.369	31.839	27.362	78.8	14.899	.0	1481.6	9093.9	6.7
980.0	972.4	3.872	3.799	34.456	27.374	31.889	27.367	78.4	14.977	.0	1481.6	9241.6	7.5
990.0	982.3	3.851	3.777	34.461	27.380	31.942	27.373	77.9	15.055	.0	1481.7	9390.2	4.3

Station 43 Latitude 32° 01.32'N Longitude 127° 22.04'W 01 May 1991 GMT 11:30 Bottom 4155 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.832	3.758	34.463	27.383	31.991	27.376	77.6	15.133	.0	1481.8	9539.5	-.4
1020.0	1012.0	3.789	3.713	34.467	27.392	32.091	27.384	76.9	15.288	.0	1482.0	9840.3	2.9
1040.0	1031.8	3.741	3.664	34.474	27.402	32.194	27.394	76.0	15.440	.0	1482.1	10144.2	2.0
1060.0	1051.5	3.711	3.633	34.481	27.410	32.294	27.403	75.3	15.592	.0	1482.3	10451.1	5.8
1080.0	1071.3	3.669	3.589	34.485	27.418	32.394	27.410	74.7	15.742	.0	1482.5	10760.9	-.3
1100.0	1091.1	3.617	3.536	34.488	27.425	32.494	27.417	74.0	15.890	.0	1482.6	11073.6	4.1
1120.0	1110.8	3.571	3.489	34.493	27.435	32.596	27.427	73.2	16.038	.0	1482.7	11389.2	6.1
1140.0	1130.6	3.530	3.447	34.500	27.444	32.697	27.435	72.4	16.183	.0	1482.9	11707.7	5.3
1160.0	1150.4	3.484	3.399	34.505	27.452	32.798	27.444	71.6	16.327	.0	1483.0	12029.0	5.0
1180.0	1170.1	3.436	3.350	34.510	27.461	32.900	27.453	70.8	16.469	.0	1483.2	12353.1	4.7
1200.0	1189.9	3.400	3.313	34.514	27.468	32.998	27.460	70.3	16.610	.0	1483.4	12680.0	1.5
1220.0	1209.7	3.370	3.281	34.517	27.473	33.096	27.465	69.8	16.750	.0	1483.6	13009.6	.3
1240.0	1229.4	3.323	3.233	34.520	27.480	33.195	27.472	69.2	16.889	.0	1483.7	13341.9	5.0
1260.0	1249.2	3.279	3.188	34.522	27.486	33.293	27.478	68.6	17.027	.0	1483.8	13677.0	-.8
1280.0	1268.9	3.236	3.144	34.528	27.495	33.394	27.486	67.9	17.164	.0	1484.0	14014.7	2.7
1300.0	1288.7	3.190	3.096	34.531	27.502	33.494	27.493	67.2	17.299	.0	1484.1	14355.0	.4
1320.0	1308.4	3.153	3.058	34.534	27.508	33.591	27.499	66.7	17.433	.0	1484.3	14698.0	2.1
1340.0	1328.2	3.113	3.017	34.537	27.514	33.690	27.505	66.1	17.565	.0	1484.5	15043.6	.1
1360.0	1347.9	3.083	2.986	34.540	27.519	33.787	27.510	65.7	17.697	.0	1484.7	15391.7	5.1
1380.0	1367.7	3.044	2.946	34.543	27.525	33.886	27.517	65.1	17.828	.0	1484.9	15742.5	3.3
1400.0	1387.4	3.004	2.904	34.547	27.532	33.984	27.523	64.5	17.957	.0	1485.0	16095.7	5.4
1420.0	1407.2	2.961	2.860	34.549	27.538	34.082	27.529	64.0	18.086	.0	1485.2	16451.5	5.4
1440.0	1426.9	2.936	2.834	34.551	27.542	34.178	27.533	63.6	18.213	.0	1485.4	16809.7	2.2
1460.0	1446.6	2.887	2.783	34.554	27.549	34.278	27.540	63.0	18.340	.0	1485.5	17170.5	4.8
1480.0	1466.4	2.836	2.732	34.558	27.556	34.378	27.547	62.2	18.465	.0	1485.6	17533.6	1.0
1500.0	1486.1	2.811	2.705	34.560	27.560	34.473	27.551	61.9	18.589	.0	1485.9	17899.2	.5
1520.0	1505.8	2.770	2.663	34.563	27.566	34.572	27.557	61.3	18.712	.0	1486.0	18267.2	-.1
1540.0	1525.6	2.744	2.636	34.564	27.569	34.667	27.560	61.0	18.835	.0	1486.3	18637.6	4.0
1560.0	1545.3	2.711	2.602	34.567	27.575	34.764	27.566	60.5	18.956	.0	1486.5	19010.4	2.5
1580.0	1565.0	2.670	2.559	34.569	27.581	34.862	27.571	60.0	19.076	.0	1486.6	19385.5	2.3
1600.0	1584.7	2.659	2.547	34.571	27.583	34.955	27.573	59.8	19.196	.0	1486.9	19762.9	5.5
1620.0	1604.5	2.621	2.508	34.574	27.588	35.053	27.579	59.3	19.315	.0	1487.1	20142.6	5.5
1640.0	1624.2	2.590	2.476	34.577	27.594	35.151	27.584	58.7	19.433	.0	1487.3	20524.7	.5
1660.0	1643.9	2.565	2.449	34.579	27.598	35.246	27.588	58.4	19.551	.0	1487.5	20909.0	5.5
1680.0	1663.6	2.532	2.414	34.582	27.603	35.343	27.593	57.9	19.667	.0	1487.7	21295.6	2.0
1700.0	1683.3	2.504	2.386	34.584	27.607	35.439	27.597	57.6	19.782	.0	1487.9	21684.5	3.2
1720.0	1703.0	2.481	2.361	34.586	27.611	35.534	27.600	57.3	19.897	.0	1488.2	22075.5	.9
1740.0	1722.8	2.454	2.333	34.588	27.615	35.630	27.604	56.9	20.011	.0	1488.4	22468.8	4.4
1760.0	1742.5	2.418	2.296	34.591	27.620	35.727	27.610	56.3	20.124	.0	1488.6	22864.3	2.1
1780.0	1762.2	2.391	2.267	34.594	27.625	35.823	27.614	55.9	20.237	.0	1488.8	23262.0	3.9
1800.0	1781.9	2.364	2.239	34.596	27.628	35.918	27.618	55.5	20.348	.0	1489.0	23661.9	5.3
1820.0	1801.6	2.332	2.205	34.598	27.633	36.015	27.623	55.0	20.459	.0	1489.2	24063.8	5.3
1840.0	1821.3	2.301	2.173	34.601	27.638	36.112	27.628	54.6	20.568	.0	1489.4	24468.0	5.9
1860.0	1841.0	2.270	2.142	34.605	27.644	36.209	27.633	54.0	20.677	.0	1489.6	24874.2	3.3
1880.0	1860.7	2.239	2.109	34.606	27.647	36.305	27.637	53.6	20.784	.0	1489.8	25282.5	4.2
1900.0	1880.4	2.213	2.082	34.609	27.652	36.401	27.642	53.2	20.891	.0	1490.0	25692.9	2.8
1920.0	1900.1	2.185	2.052	34.612	27.657	36.497	27.646	52.7	20.997	.0	1490.2	26105.3	-.2
1940.0	1919.7	2.167	2.033	34.613	27.659	36.591	27.649	52.5	21.102	.0	1490.5	26519.8	-1.3
1960.0	1939.4	2.147	2.011	34.616	27.663	36.686	27.652	52.1	21.207	.0	1490.8	26936.3	2.2
1980.0	1959.1	2.133	1.996	34.616	27.665	36.778	27.654	52.0	21.311	.0	1491.0	27354.9	-.7
2000.0	1978.8	2.110	1.971	34.618	27.668	36.873	27.657	51.7	21.415	.0	1491.3	27775.4	1.7
2050.0	2028.0	2.071	1.929	34.623	27.675	37.107	27.664	51.1	21.671	.0	1491.9	28835.4	2.0
2100.0	2077.2	2.031	1.885	34.626	27.681	37.340	27.670	50.5	21.926	.0	1492.6	29907.7	1.4
2116.0	2092.9	2.014	1.868	34.627	27.683	37.415	27.672	50.3	22.006	.0	1492.8	30253.5	.0

Station 44 Latitude 32° 10.57'N Longitude 127° 18.04'W 01 May 1991 GMT 14:07 Bottom 3895 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.188	15.188	33.222	24.562	24.562	24.562	336.5	.000	.0	1505.8	.0	.0
10.0	10.0	15.192	15.190	33.222	24.561	24.605	24.560	336.9	.337	.0	1506.0	1.7	.4
20.0	19.9	15.194	15.191	33.223	24.561	24.649	24.560	337.2	.674	.0	1506.2	6.7	1.0
30.0	29.9	15.196	15.191	33.222	24.561	24.693	24.560	337.5	1.011	.0	1506.3	15.1	3.4
40.0	39.8	15.017	15.011	33.225	24.602	24.779	24.601	333.9	1.347	.0	1505.9	26.9	19.8
50.0	49.8	14.932	14.924	33.247	24.638	24.858	24.636	330.8	1.679	.0	1505.8	41.9	34.7
60.0	59.8	14.561	14.552	33.234	24.707	24.973	24.706	324.4	2.006	.0	1504.8	60.3	27.6
70.0	69.7	14.668	14.658	33.289	24.727	25.037	24.725	322.8	2.329	.0	1505.4	81.9	2.2
80.0	79.7	14.623	14.612	33.290	24.738	25.092	24.736	322.0	2.651	.0	1505.4	106.7	16.5
90.0	89.7	14.762	14.748	33.342	24.749	25.146	24.746	321.3	2.973	.0	1506.1	134.7	-2.5
100.0	99.6	14.779	14.764	33.385	24.779	25.220	24.775	318.8	3.293	.0	1506.3	165.9	38.5
110.0	109.6	14.283	14.267	33.309	24.825	25.312	24.822	314.6	3.609	.0	1504.8	200.2	39.0
120.0	119.5	13.411	13.394	33.241	24.952	25.485	24.949	302.6	3.918	.0	1502.0	237.7	120.0
130.0	129.5	12.019	12.003	33.181	25.177	25.758	25.174	281.2	4.210	.0	1497.4	278.2	248.3
140.0	139.4	10.960	10.944	33.104	25.310	25.939	25.307	268.4	4.483	.0	1493.7	321.5	144.7
150.0	149.4	10.581	10.563	33.162	25.421	26.096	25.418	258.0	4.746	.0	1492.6	367.4	37.2
160.0	159.3	10.117	10.099	33.237	25.559	26.280	25.556	245.0	4.998	.0	1491.2	415.9	89.2
170.0	169.3	9.940	9.921	33.305	25.642	26.409	25.639	237.3	5.240	.0	1490.8	466.8	114.9
180.0	179.2	9.535	9.515	33.342	25.738	26.551	25.735	228.2	5.473	.0	1489.5	520.1	141.8
190.0	189.2	9.306	9.285	33.468	25.874	26.733	25.870	215.5	5.694	.0	1489.0	575.6	123.6
200.0	199.1	9.182	9.161	33.634	26.023	26.928	26.020	201.5	5.903	.0	1488.9	633.2	146.5
210.0	209.1	9.136	9.114	33.654	26.046	26.996	26.043	199.5	6.103	.0	1488.9	692.9	21.4
220.0	219.0	8.994	8.970	33.724	26.124	27.120	26.121	192.2	6.298	.0	1488.6	754.6	25.5
230.0	228.9	8.928	8.904	33.792	26.188	27.229	26.184	186.3	6.488	.0	1488.6	818.1	54.5
240.0	238.9	8.867	8.841	33.880	26.267	27.353	26.263	179.1	6.670	.0	1488.7	883.5	50.7
250.0	248.8	8.795	8.769	33.900	26.294	27.426	26.290	176.7	6.848	.0	1488.6	950.7	72.7
260.0	258.7	8.636	8.609	33.939	26.348	27.527	26.344	171.6	7.022	.0	1488.2	1019.6	21.7
270.0	268.7	8.430	8.402	33.973	26.407	27.632	26.403	166.1	7.192	.0	1487.6	1090.2	75.5
280.0	278.6	8.328	8.299	33.982	26.430	27.700	26.425	164.1	7.357	.0	1487.4	1162.4	29.2
290.0	288.5	8.159	8.130	33.989	26.461	27.778	26.457	161.2	7.519	.0	1486.9	1236.3	21.3
300.0	298.5	8.085	8.054	33.991	26.473	27.836	26.469	160.2	7.680	.0	1486.8	1311.8	22.2
310.0	308.4	7.895	7.864	33.995	26.505	27.914	26.500	157.2	7.838	.0	1486.3	1388.9	28.6
320.0	318.3	7.772	7.741	33.997	26.524	27.979	26.520	155.5	7.994	.0	1485.9	1467.5	-2.8
330.0	328.3	7.589	7.557	34.001	26.554	28.056	26.549	152.7	8.149	.0	1485.4	1547.6	62.5
340.0	338.2	7.258	7.226	34.004	26.604	28.153	26.599	148.0	8.298	.0	1484.3	1629.3	19.7
350.0	348.1	7.128	7.096	34.005	26.622	28.218	26.617	146.3	8.446	.0	1483.9	1712.4	24.4
360.0	358.0	7.068	7.034	34.003	26.629	28.272	26.625	145.7	8.592	.0	1483.9	1797.0	6.8
370.0	368.0	6.894	6.860	34.006	26.655	28.344	26.650	143.3	8.736	.0	1483.4	1883.0	16.4
380.0	377.9	6.686	6.651	34.010	26.686	28.423	26.682	140.3	8.878	.0	1482.7	1970.4	2.9
390.0	387.8	6.612	6.576	34.010	26.696	28.479	26.691	139.5	9.018	.0	1482.6	2059.3	21.6
400.0	397.8	6.452	6.417	34.014	26.720	28.550	26.715	137.2	9.156	.0	1482.1	2149.4	6.1
410.0	407.7	6.416	6.379	34.014	26.725	28.601	26.720	136.8	9.293	.0	1482.1	2241.0	6.4
420.0	417.6	6.237	6.200	34.022	26.755	28.678	26.750	134.0	9.430	.0	1481.6	2333.9	31.0
430.0	427.5	6.189	6.151	34.020	26.759	28.729	26.754	133.7	9.564	.0	1481.5	2428.2	16.6
440.0	437.5	6.087	6.048	34.023	26.775	28.791	26.770	132.3	9.697	.0	1481.3	2523.7	10.4
450.0	447.4	6.028	5.989	34.024	26.783	28.845	26.778	131.6	9.829	.0	1481.2	2620.6	7.8
460.0	457.3	5.827	5.788	34.033	26.815	28.925	26.810	128.5	9.959	.0	1480.6	2718.8	30.3
470.0	467.2	5.719	5.680	34.039	26.833	28.990	26.828	126.8	10.087	.0	1480.3	2818.2	24.4
480.0	477.1	5.589	5.549	34.047	26.855	29.060	26.851	124.6	10.213	.0	1480.0	2918.9	15.3
490.0	487.1	5.495	5.455	34.056	26.874	29.125	26.869	122.9	10.337	.0	1479.8	3020.8	12.7
500.0	497.0	5.433	5.392	34.072	26.894	29.191	26.889	121.0	10.459	.0	1479.7	3124.0	11.5
510.0	506.9	5.331	5.290	34.079	26.911	29.256	26.906	119.4	10.579	.0	1479.5	3228.3	18.0
520.0	516.8	5.225	5.183	34.087	26.930	29.321	26.925	117.7	10.698	.0	1479.2	3333.8	33.7
530.0	526.7	5.191	5.148	34.092	26.938	29.376	26.933	117.0	10.815	.0	1479.2	3440.5	10.3
540.0	536.7	5.170	5.126	34.094	26.942	29.426	26.937	116.7	10.932	.0	1479.3	3548.3	10.3
550.0	546.6	5.074	5.030	34.103	26.961	29.492	26.956	114.9	11.047	.0	1479.1	3657.3	26.1
560.0	556.5	5.026	4.982	34.112	26.973	29.550	26.968	113.8	11.161	.0	1479.1	3767.4	32.9
570.0	566.4	4.968	4.923	34.126	26.991	29.615	26.986	112.1	11.274	.0	1479.0	3878.6	12.9
580.0	576.3	4.922	4.877	34.135	27.003	29.673	26.998	111.0	11.386	.0	1479.0	3990.9	4.5
590.0	586.2	4.869	4.822	34.147	27.020	29.736	27.014	109.6	11.496	.0	1479.0	4104.3	23.2
600.0	596.1	4.826	4.779	34.157	27.032	29.795	27.027	108.4	11.605	.0	1479.0	4218.8	21.1
610.0	606.0	4.781	4.733	34.167	27.045	29.854	27.040	107.2	11.713	.0	1479.0	4334.4	7.4
620.0	616.0	4.747	4.698	34.179	27.058	29.913	27.053	106.1	11.819	.0	1479.0	4451.0	9.1
630.0	625.9	4.694	4.645	34.190	27.073	29.975	27.068	104.7	11.925	.0	1479.0	4568.7	35.8
640.0	635.8	4.674	4.624	34.217	27.097	30.044	27.091	102.6	12.028	.0	1479.1	4687.4	3.9
650.0	645.7	4.620	4.569	34.223	27.108	30.102	27.102	101.6	12.131	.0	1479.0	4807.1	7.4
660.0	655.6	4.529	4.478	34.230	27.123	30.164	27.117	100.1	12.231	.0	1478.8	4927.8	15.0
670.0	665.5	4.514	4.463	34.241	27.134	30.221	27.128	99.1	12.331	.0	1478.9	5049.5	5.0
680.0	675.4	4.492	4.440	34.242	27.137	30.270	27.131	98.9	12.430	.0	1479.0	5172.2	2.4
690.0	685.3	4.447	4.394	34.250	27.148	30.328	27.142	97.9	12.528	.0	1479.0	5295.8	4.2
700.0	695.2	4.418	4.365	34.259	27.158	30.384	27.152	97.0	12.626	.0	1479.1	5420.4	17.0
710.0	705.1	4.442	4.387	34.280	27.173	30.444	27.167	95.8	12.722	.0	1479.3	5546.0	11.2
720.0	715.0	4.379	4.324	34.283	27.181	30.500	27.176	95.0	12.818	.0	1479.3	5672.5	18.8
730.0	725.0	4.382	4.326	34.294	27.190	30.554	27.184	94.3	12.912	.0	1479.4	5799.9	4.5
740.0	734.8	4.402	4.345	34.311	27.202	30.611	27.196	93.3	13.006	.0	1479.7	5928.3	5.1
750.0	744.8	4.402	4.344	34.329	27.216	30.671	27.210	92.1	13.099	.0	1479.9	6057.5	21.5
760.0	754.7	4.382	4.324	34.344	27.231	30.731	27.225	90.8	13.190	.0	1480.0	6187.7	6.6
770.0	764.6	4.359	4.300	34.351	27.238	30.785	27.232	90.1	13.281	.0	1480.1	6318.8	5.1
780.0	774.5	4.323	4.263	34.357	27.247	30.840	27.241	89.3	13.371	.0	1480.1	6450.7	7.7
790.0	784.4	4.312	4.251	34.359	27.250	30.889	27.244	89.1	13.460	.0	1480.2	6583.6	14.5
800.0	794.3	4.312	4.251	34.372	27.260	30.945	27.254	88.3	13.548	.0	1480.4	6717.3	13.3
810.0	804.2	4.274	4.212	34.384	27.274	31.005	27.268	87.0	13.636	.0	1480.4	6851.9	3.1
820.0	814.1	4.263	4.200	34.386	27.277	31.054	27.270	86.8	13.723	.0	1480.6	6987.3	7.5
830.0	824.0	4.178	4.116	34.401	27.298	31.122	27.291	84.8	13.809	.0	1480.4	7123.6	12.7
840.0	833.9	4.161	4.097	34.405	27.303	31.173	27.296	84.4	13.893	.0	1480.5	7260.7	7.8
850.0	843.8	4.149	4.085	34.408	27.307	31.223	27.300	84.1	13.978	.0	1480.6	7398.6	1.6
860.0	853.7	4.111	4.046	34.416	27.317	31.279	27.310	83.2	14.062	.0	1480.6	7537.4	20.4
870.0	863.6	4.093	4.027	34.417	27.320	31.329	27.313	83.0	14.145	.0	1480.7	7677.0	2.5
880.0	873.5	4.067	4.001	34.423	27.327	31.382	27.320	82.3	14.227	.0	1480.8	7817.4	4.0
890.0	883.4	4.038	3.971	34.427	27.333	31.435	27.327	81.7	14.309	.0	1480.8	7958.6	7.5
900.0	893.3	4.017	3.949	34.430	27.338	31.486	27.331	81.3	14.391	.0	1480.9	8100.6	1.9
910.0	903.2	3.996	3.928	34.434	27.343	31.536	27.336	80.9	14.472	.0	1481.0	8243.4	1.1
920.0	913.0	3.986	3.917	34.435	27.345	31.584	27.338	80.8	14.553	.0	1481.1	8387.0	11.0
930.0	922.9	3.938	3.868	34.442	27.356	31.642	27.349	79.8	14.633	.0	1481.1	8531.4	1.6
940.0	932.8	3.915	3.845	34.445	27.361	31.693	27.354	79.4	14.713	.0	1481.1	8676.6	4.0
950.0	942.7	3.886	3.816	34.451	27.368	31.746	27.361	78.7	14.792	.0	1481.2	8822.5	3.4
960.0	952.6	3.875	3.803	34.452	27.371	31.795	27.363	78.6	14.870	.0	1481.3	8969.2	2.0
970.0	962.5	3.853	3.781	34.455	27.375	31.845	27.368	78.2	14.949	.0	1481.4	9116.7	5.5
980.0	972.4	3.841	3.768	34.457	27.378	31.895	27.371	77.9	15.027	.0	1481.5	9265.0	1.7
990.0	982.3	3.810	3.736	34.461	27.385	31.947	27.377	77.4	15.105	.0	1481.6	9414.0	8.1

Station 44 Latitude 32° 10.57'N Longitude 127° 18.04'W 01 May 1991 GMT 14:07 Bottom 3895 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.786	3.711	34.465	27.390	31.998	27.382	76.9	15.182	.0	1481.6	9563.8	3.1
1020.0	1012.0	3.741	3.666	34.470	27.398	32.099	27.391	76.2	15.335	.0	1481.8	9865.6	-1.2
1040.0	1031.7	3.738	3.661	34.470	27.399	32.191	27.391	76.3	15.487	.0	1482.1	10170.4	3.2
1060.0	1051.5	3.698	3.620	34.475	27.407	32.292	27.399	75.6	15.639	.0	1482.3	10478.2	3.8
1080.0	1071.3	3.652	3.572	34.482	27.417	32.394	27.409	74.7	15.789	.0	1482.4	10788.9	.8
1100.0	1091.1	3.569	3.488	34.486	27.429	32.499	27.421	73.6	15.938	.0	1482.4	11102.6	9.9
1120.0	1110.8	3.532	3.450	34.493	27.438	32.601	27.430	72.7	16.084	.0	1482.6	11419.1	1.7
1140.0	1130.6	3.475	3.392	34.500	27.449	32.704	27.441	71.8	16.228	.0	1482.7	11738.5	3.5
1160.0	1150.4	3.457	3.372	34.502	27.453	32.799	27.445	71.5	16.372	.0	1482.9	12060.7	2.6
1180.0	1170.1	3.431	3.345	34.506	27.459	32.897	27.450	71.1	16.514	.0	1483.1	12385.6	2.6
1200.0	1189.9	3.368	3.281	34.509	27.467	32.998	27.459	70.3	16.656	.0	1483.2	12713.4	5.0
1220.0	1209.7	3.323	3.235	34.513	27.474	33.098	27.466	69.6	16.796	.0	1483.4	13043.9	6.5
1240.0	1229.4	3.280	3.190	34.519	27.484	33.200	27.476	68.7	16.934	.0	1483.5	13377.1	3.0
1260.0	1249.2	3.213	3.122	34.522	27.492	33.301	27.484	67.9	17.070	.0	1483.6	13713.0	7.4
1280.0	1268.9	3.204	3.112	34.524	27.495	33.395	27.486	67.8	17.206	.0	1483.9	14051.6	2.1
1300.0	1288.7	3.161	3.067	34.528	27.502	33.495	27.493	67.1	17.341	.0	1484.0	14392.8	5.9
1320.0	1308.4	3.141	3.046	34.530	27.506	33.590	27.497	66.8	17.475	.0	1484.3	14736.6	5.6
1340.0	1328.2	3.097	3.002	34.531	27.511	33.687	27.502	66.4	17.608	.0	1484.4	15083.0	1.5
1360.0	1347.9	3.053	2.956	34.537	27.520	33.789	27.511	65.6	17.740	.0	1484.6	15432.0	5.1
1380.0	1367.7	3.003	2.905	34.542	27.528	33.890	27.519	64.8	17.870	.0	1484.7	15783.5	.4
1400.0	1387.4	2.970	2.871	34.544	27.533	33.987	27.524	64.3	17.999	.0	1484.9	16137.6	5.1
1420.0	1407.2	2.932	2.832	34.548	27.539	34.085	27.530	63.7	18.127	.0	1485.1	16494.1	1.9
1440.0	1426.9	2.903	2.801	34.551	27.545	34.183	27.536	63.2	18.254	.0	1485.3	16853.2	-1.0
1460.0	1446.6	2.883	2.780	34.554	27.549	34.278	27.540	62.9	18.380	.0	1485.5	17214.7	-1.0
1480.0	1466.4	2.836	2.732	34.557	27.556	34.377	27.546	62.3	18.505	.0	1485.6	17578.7	4.6
1500.0	1486.1	2.808	2.702	34.559	27.560	34.473	27.550	61.9	18.630	.0	1485.9	17945.0	-2.5
1520.0	1505.8	2.776	2.668	34.561	27.564	34.569	27.555	61.5	18.753	.0	1486.1	18313.8	3.7
1540.0	1525.6	2.738	2.630	34.564	27.570	34.668	27.561	60.9	18.875	.0	1486.2	18685.0	6.1
1560.0	1545.3	2.710	2.601	34.567	27.575	34.764	27.566	60.5	18.997	.0	1486.4	19058.6	-3.0
1580.0	1565.0	2.689	2.578	34.568	27.578	34.859	27.568	60.3	19.118	.0	1486.7	19434.5	2.0
1600.0	1584.7	2.655	2.543	34.571	27.583	34.956	27.574	59.8	19.238	.0	1486.9	19812.7	9.3
1620.0	1604.4	2.609	2.495	34.575	27.590	35.055	27.580	59.1	19.356	.0	1487.0	20193.3	4.9
1640.0	1624.2	2.582	2.468	34.577	27.595	35.152	27.585	58.7	19.474	.0	1487.2	20576.1	1.7
1660.0	1643.9	2.539	2.423	34.579	27.600	35.249	27.590	58.1	19.591	.0	1487.4	20961.2	5.8
1680.0	1663.6	2.513	2.396	34.581	27.604	35.345	27.594	57.7	19.706	.0	1487.6	21348.6	3.5
1700.0	1683.3	2.483	2.365	34.585	27.609	35.442	27.599	57.3	19.821	.0	1487.8	21738.2	3.8
1720.0	1703.0	2.449	2.329	34.588	27.615	35.540	27.605	56.7	19.935	.0	1488.0	22130.1	.0
1740.0	1722.7	2.426	2.305	34.590	27.619	35.635	27.609	56.3	20.048	.0	1488.3	22524.1	1.8
1760.0	1742.4	2.405	2.283	34.591	27.621	35.729	27.611	56.1	20.161	.0	1488.5	22920.3	3.0
1780.0	1762.1	2.384	2.260	34.594	27.625	35.824	27.615	55.8	20.273	.0	1488.7	23318.7	5.0
1800.0	1781.8	2.354	2.229	34.596	27.629	35.920	27.619	55.4	20.384	.0	1489.0	23719.2	3.3
1820.0	1801.6	2.343	2.216	34.596	27.631	36.012	27.620	55.3	20.495	.0	1489.2	24121.9	.4
1840.0	1821.3	2.322	2.194	34.599	27.635	36.108	27.624	54.9	20.605	.0	1489.5	24526.8	1.6
1860.0	1840.9	2.280	2.151	34.603	27.641	36.206	27.631	54.3	20.714	.0	1489.6	24933.7	.1
1880.0	1860.6	2.260	2.129	34.604	27.644	36.300	27.633	54.0	20.823	.0	1489.9	25342.8	1.9
1900.0	1880.3	2.222	2.091	34.608	27.650	36.399	27.639	53.4	20.930	.0	1490.1	25753.9	2.5
1920.0	1900.0	2.204	2.071	34.609	27.653	36.492	27.642	53.2	21.036	.0	1490.3	26167.1	2.8
1940.0	1919.7	2.190	2.056	34.611	27.656	36.586	27.645	52.9	21.142	.0	1490.6	26582.4	1.0
1960.0	1939.4	2.178	2.042	34.612	27.657	36.678	27.646	52.8	21.248	.0	1490.9	26999.7	2.8
1980.0	1959.1	2.155	2.018	34.614	27.661	36.774	27.650	52.5	21.353	.0	1491.1	27419.0	-.1
2000.0	1978.8	2.144	2.005	34.615	27.663	36.866	27.652	52.4	21.458	.0	1491.4	27840.4	-1.0
2050.0	2028.0	2.106	1.963	34.618	27.669	37.099	27.658	51.8	21.718	.0	1492.1	28902.7	-.3
2098.0	2075.2	2.058	1.912	34.624	27.678	37.326	27.666	51.0	21.965	.0	1492.7	29934.1	.0

Station 45 Latitude 32° 13.45'N Longitude 127° 16.32'W 01 May 1991 GMT 16:11 Bottom 2750 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.965	14.965	33.170	24.570	24.570	24.570	335.7	.000	.0	1505.0	.0	.0
10.0	10.0	14.971	14.969	33.169	24.568	24.612	24.567	336.2	.336	.0	1505.2	1.7	.7
20.0	19.9	14.970	14.967	33.169	24.568	24.657	24.568	336.5	.672	.0	1505.4	6.7	3.0
30.0	29.9	14.984	14.980	33.182	24.576	24.708	24.575	336.0	1.009	.0	1505.6	15.1	10.1
40.0	39.8	14.993	14.987	33.194	24.583	24.760	24.582	335.6	1.345	.0	1505.8	26.8	42.0
50.0	49.8	14.770	14.763	33.206	24.641	24.862	24.640	330.4	1.679	.0	1505.3	41.9	165.8
60.0	59.8	14.426	14.417	33.185	24.698	24.963	24.696	325.3	2.005	.0	1504.3	60.2	5.6
70.0	69.7	14.411	14.401	33.213	24.723	25.033	24.721	323.1	2.329	.0	1504.4	81.8	24.7
80.0	79.7	14.305	14.293	33.221	24.752	25.106	24.750	320.7	2.651	.0	1504.3	106.6	56.0
90.0	89.7	13.921	13.908	33.213	24.826	25.225	24.824	313.8	2.970	.0	1503.2	134.6	179.2
100.0	99.6	13.038	13.024	33.125	24.937	25.382	24.934	303.5	3.278	.0	1500.3	165.7	147.4
110.0	109.6	11.874	11.860	33.131	25.164	25.656	25.162	281.8	3.571	.0	1496.5	199.8	52.0
120.0	119.5	11.307	11.292	33.160	25.291	25.830	25.289	269.9	3.849	.0	1494.7	236.7	158.2
130.0	129.5	10.822	10.807	33.216	25.421	26.005	25.418	257.7	4.115	.0	1493.2	276.4	267.1
140.0	139.4	10.601	10.584	33.250	25.486	26.116	25.483	251.6	4.368	.0	1492.6	318.6	17.3
150.0	149.4	10.250	10.233	33.296	25.583	26.258	25.580	242.6	4.615	.0	1491.6	363.3	2.8
160.0	159.3	9.724	9.706	33.329	25.696	26.419	25.693	231.9	4.854	.0	1489.8	410.4	95.0
170.0	169.3	9.517	9.499	33.398	25.785	26.553	25.781	223.6	5.081	.0	1489.3	459.8	11.5
180.0	179.2	9.250	9.231	33.463	25.878	26.692	25.875	214.8	5.301	.0	1488.6	511.4	73.2
190.0	189.1	9.087	9.067	33.521	25.950	26.810	25.946	208.2	5.513	.0	1488.2	565.2	14.4
200.0	199.1	8.917	8.896	33.606	26.043	26.949	26.040	199.5	5.716	.0	1487.8	621.0	41.9
210.0	209.0	8.888	8.866	33.709	26.129	27.080	26.126	191.5	5.912	.0	1488.0	678.8	82.3
220.0	219.0	8.931	8.907	33.825	26.213	27.209	26.209	183.8	6.101	.0	1488.5	738.5	136.8
230.0	228.9	8.698	8.674	33.921	26.324	27.367	26.321	173.3	6.279	.0	1487.9	800.1	114.5
240.0	238.8	8.572	8.547	33.948	26.365	27.453	26.361	169.6	6.450	.0	1487.6	863.3	11.1
250.0	248.8	8.458	8.432	33.963	26.395	27.529	26.391	166.9	6.619	.0	1487.4	928.2	29.5
260.0	258.7	8.319	8.292	33.978	26.428	27.607	26.424	163.9	6.784	.0	1487.0	994.8	21.6
270.0	268.6	8.212	8.185	33.986	26.450	27.676	26.446	161.9	6.947	.0	1486.8	1063.0	43.3
280.0	278.6	8.023	7.995	33.992	26.483	27.756	26.479	158.8	7.107	.0	1486.3	1132.8	16.0
290.0	288.5	7.888	7.859	33.997	26.507	27.825	26.503	156.7	7.265	.0	1485.9	1204.2	54.9
300.0	298.5	7.634	7.604	34.002	26.548	27.913	26.544	152.8	7.420	.0	1485.1	1277.1	16.5
310.0	308.4	7.533	7.503	33.999	26.560	27.971	26.556	151.8	7.573	.0	1484.9	1351.6	41.7
320.0	318.3	7.351	7.320	34.004	26.590	28.048	26.585	149.0	7.723	.0	1484.3	1427.5	15.0
330.0	328.2	7.206	7.175	34.004	26.610	28.115	26.606	147.2	7.871	.0	1483.9	1504.9	17.6
340.0	338.2	7.171	7.139	34.004	26.616	28.166	26.611	146.8	8.018	.0	1483.9	1583.8	3.3
350.0	348.1	7.062	7.029	34.004	26.630	28.227	26.626	145.5	8.164	.0	1483.7	1664.2	19.7
360.0	358.0	6.903	6.870	34.009	26.656	28.300	26.652	143.0	8.309	.0	1483.2	1745.9	20.2
370.0	368.0	6.797	6.763	34.009	26.670	28.360	26.666	141.8	8.451	.0	1483.0	1829.1	40.4
380.0	377.9	6.671	6.636	34.009	26.687	28.424	26.683	140.2	8.592	.0	1482.6	1913.7	2.6
390.0	387.8	6.595	6.560	34.010	26.698	28.481	26.694	139.2	8.732	.0	1482.5	1999.7	5.8
400.0	397.7	6.434	6.398	34.015	26.723	28.553	26.719	136.9	8.870	.0	1482.0	2087.1	45.6
410.0	407.6	6.329	6.292	34.017	26.739	28.616	26.734	135.4	9.006	.0	1481.8	2175.8	9.0
420.0	417.6	6.218	6.181	34.021	26.756	28.679	26.751	133.9	9.141	.0	1481.5	2265.8	4.9
430.0	427.5	6.122	6.085	34.027	26.774	28.743	26.769	132.3	9.274	.0	1481.3	2357.2	4.6
440.0	437.4	6.037	5.999	34.032	26.788	28.805	26.783	130.9	9.406	.0	1481.1	2449.9	28.9
450.0	447.3	5.943	5.904	34.036	26.803	28.866	26.798	129.6	9.536	.0	1480.9	2543.8	23.9
460.0	457.3	5.770	5.731	34.047	26.833	28.944	26.828	126.7	9.664	.0	1480.4	2639.1	7.5
470.0	467.2	5.661	5.621	34.050	26.849	29.007	26.844	125.2	9.790	.0	1480.1	2735.6	25.9
480.0	477.1	5.530	5.490	34.057	26.871	29.075	26.866	123.1	9.915	.0	1479.8	2833.3	23.5
490.0	487.0	5.416	5.376	34.063	26.889	29.141	26.884	121.4	10.037	.0	1479.5	2932.3	18.8
500.0	497.0	5.381	5.340	34.068	26.897	29.195	26.892	120.7	10.158	.0	1479.5	3032.4	15.3
510.0	506.9	5.359	5.317	34.088	26.916	29.259	26.910	119.1	10.278	.0	1479.6	3133.8	15.9
520.0	516.8	5.284	5.242	34.096	26.931	29.321	26.926	117.7	10.396	.0	1479.5	3236.3	18.0
530.0	526.7	5.219	5.176	34.104	26.945	29.382	26.940	116.4	10.513	.0	1479.4	3340.0	16.2
540.0	536.6	5.134	5.090	34.108	26.958	29.441	26.952	115.2	10.629	.0	1479.2	3444.8	19.4
550.0	546.5	5.077	5.034	34.113	26.968	29.499	26.963	114.2	10.743	.0	1479.1	3550.7	14.4
560.0	556.5	5.012	4.967	34.125	26.985	29.562	26.980	112.6	10.856	.0	1479.0	3657.8	16.8
570.0	566.4	4.970	4.924	34.132	26.996	29.619	26.990	111.7	10.968	.0	1479.0	3766.0	3.0
580.0	576.3	4.931	4.885	34.141	27.007	29.677	27.002	110.7	11.080	.0	1479.1	3875.3	15.3
590.0	586.2	4.881	4.835	34.152	27.021	29.738	27.016	109.4	11.190	.0	1479.0	3985.7	32.3
600.0	596.1	4.787	4.740	34.174	27.050	29.813	27.044	106.7	11.298	.0	1478.8	4097.2	8.8
610.0	606.0	4.769	4.721	34.176	27.054	29.862	27.048	106.5	11.404	.0	1478.9	4209.7	15.3
620.0	615.9	4.709	4.661	34.186	27.068	29.924	27.063	105.1	11.510	.0	1478.9	4323.2	9.7
630.0	625.8	4.698	4.649	34.197	27.079	29.980	27.073	104.2	11.615	.0	1479.0	4437.8	15.0
640.0	635.8	4.615	4.565	34.203	27.092	30.041	27.087	102.9	11.718	.0	1478.8	4553.5	15.6
650.0	645.7	4.606	4.556	34.208	27.097	30.092	27.092	102.5	11.821	.0	1478.9	4670.1	4.7
660.0	655.6	4.654	4.602	34.230	27.110	30.149	27.104	101.5	11.923	.0	1479.3	4787.7	20.6
670.0	665.5	4.547	4.496	34.233	27.124	30.211	27.118	100.1	12.024	.0	1479.1	4906.4	4.7
680.0	675.4	4.508	4.455	34.250	27.142	30.275	27.136	98.5	12.123	.0	1479.1	5026.0	11.8
690.0	685.3	4.484	4.431	34.263	27.154	30.333	27.148	97.4	12.221	.0	1479.2	5146.6	12.4
700.0	695.2	4.463	4.410	34.269	27.161	30.387	27.155	96.8	12.318	.0	1479.3	5268.1	15.0
710.0	705.1	4.426	4.372	34.279	27.174	30.445	27.168	95.7	12.415	.0	1479.3	5390.7	10.6
720.0	715.0	4.401	4.346	34.294	27.188	30.506	27.182	94.4	12.510	.0	1479.4	5514.1	7.4
730.0	724.9	4.384	4.329	34.299	27.194	30.558	27.188	93.9	12.604	.0	1479.5	5638.5	5.4
740.0	734.8	4.364	4.308	34.311	27.206	30.615	27.199	92.9	12.697	.0	1479.6	5763.8	11.2
750.0	744.7	4.338	4.281	34.320	27.216	30.672	27.209	92.0	12.790	.0	1479.6	5890.0	13.9
760.0	754.6	4.340	4.282	34.331	27.224	30.726	27.218	91.3	12.882	.0	1479.8	6017.1	10.9
770.0	764.5	4.312	4.253	34.336	27.231	30.779	27.225	90.7	12.972	.0	1479.9	6145.1	11.5
780.0	774.4	4.290	4.230	34.343	27.239	30.833	27.233	90.0	13.063	.0	1479.9	6274.0	8.9
790.0	784.3	4.277	4.216	34.356	27.251	30.891	27.245	89.0	13.152	.0	1480.1	6403.8	2.8
800.0	794.2	4.243	4.182	34.361	27.259	30.945	27.253	88.3	13.241	.0	1480.1	6534.5	5.1
810.0	804.1	4.225	4.163	34.366	27.265	30.997	27.258	87.8	13.329	.0	1480.2	6666.0	9.5
820.0	814.0	4.212	4.150	34.369	27.269	31.047	27.263	87.5	13.417	.0	1480.3	6798.4	9.5
830.0	823.9	4.191	4.129	34.378	27.278	31.102	27.271	86.7	13.504	.0	1480.4	6931.7	5.1
840.0	833.8	4.198	4.134	34.388	27.285	31.155	27.279	86.1	13.590	.0	1480.6	7065.8	9.8
850.0	843.7	4.160	4.096	34.392	27.293	31.209	27.286	85.4	13.676	.0	1480.6	7200.7	16.6
860.0	853.6	4.150	4.085	34.400	27.300	31.262	27.293	84.8	13.761	.0	1480.8	7336.5	2.8
870.0	863.5	4.152	4.086	34.409	27.307	31.314	27.300	84.3	13.845	.0	1480.9	7473.1	4.6
880.0	873.4	4.142	4.075	34.417	27.315	31.368	27.308	83.6	13.929	.0	1481.1	7610.6	13.1
890.0	883.3	4.100	4.033	34.425	27.325	31.425	27.318	82.6	14.012	.0	1481.1	7748.8	6.3
900.0	893.2	4.066	3.998	34.430	27.333	31.479	27.326	81.9	14.095	.0	1481.1	7887.9	2.5
910.0	903.1	4.058	3.989	34.431	27.335	31.527	27.328	81.8	14.177	.0	1481.2	8027.8	3.4
920.0	913.0	4.026	3.956	34.434	27.340	31.579	27.333	81.4	14.258	.0	1481.3	8168.5	5.2
930.0	922.9	4.015	3.945	34.437	27.344	31.628	27.337	81.1	14.340	.0	1481.4	8310.0	4.3
940.0	932.8	3.999	3.928	34.441	27.349	31.679	27.342	80.7	14.421	.0	1481.5	8452.2	5.5
950.0	942.7	3.993	3.922	34.442	27.351	31.726	27.343	80.6	14.501	.0	1481.6	8595.3	.2
960.0	952.6	3.977	3.904	34.444	27.354	31.776	27.347	80.4	14.582	.0	1481.7	8739.2	.5
970.0	962.5	3.951	3.878	34.449	27.361	31.828	27.353	79.8	14.662	.0	1481.8	8883.8	2.6
980.0	972.4	3.911	3.838	34.455	27.370	31.884	27.362	78.9	14.741	.0	1481.8	9029.2	3.4
990.0	982.3	3.885	3.811	34.459	27.375	31.936	27.368	78.4	14.820	.0	1481.9	9175.4	3.5

Station 45 Latitude 32° 13.45'N Longitude 127° 16.32'W 01 May 1991 GMT 16:11 Bottom 2750 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.858	3.783	34.462	27.381	31.987	27.373	77.9	14.898	.0	1481.9	9322.4	6.4
1020.0	1011.9	3.813	3.737	34.468	27.390	32.089	27.383	77.1	15.054	.0	1482.1	9618.6	12.0
1040.0	1031.7	3.763	3.686	34.472	27.398	32.190	27.391	76.4	15.208	.0	1482.2	9917.9	10.2
1060.0	1051.5	3.701	3.622	34.479	27.410	32.294	27.402	75.4	15.359	.0	1482.3	10220.2	4.1
1080.0	1071.3	3.638	3.559	34.484	27.420	32.397	27.412	74.4	15.509	.0	1482.3	10525.3	4.4
1100.0	1091.0	3.601	3.520	34.487	27.427	32.496	27.419	73.9	15.657	.0	1482.5	10833.5	.3
1120.0	1110.8	3.568	3.486	34.491	27.433	32.594	27.425	73.4	15.804	.0	1482.7	11144.5	2.3
1140.0	1130.6	3.529	3.445	34.495	27.440	32.693	27.432	72.8	15.950	.0	1482.9	11458.3	.3
1160.0	1150.3	3.485	3.400	34.498	27.447	32.793	27.439	72.1	16.095	.0	1483.0	11775.0	2.1
1180.0	1170.1	3.450	3.364	34.501	27.453	32.891	27.445	71.7	16.239	.0	1483.2	12094.6	2.7
1200.0	1189.9	3.407	3.320	34.505	27.460	32.990	27.452	71.0	16.382	.0	1483.4	12416.9	2.7
1220.0	1209.6	3.376	3.288	34.509	27.467	33.089	27.458	70.5	16.523	.0	1483.6	12742.0	7.7
1240.0	1229.4	3.334	3.244	34.514	27.474	33.188	27.466	69.8	16.663	.0	1483.7	13069.8	4.4
1260.0	1249.1	3.268	3.177	34.519	27.485	33.292	27.476	68.8	16.802	.0	1483.8	13400.4	5.6
1280.0	1268.9	3.217	3.125	34.523	27.493	33.393	27.485	68.0	16.938	.0	1483.9	13733.7	7.1
1300.0	1288.6	3.179	3.086	34.526	27.498	33.491	27.490	67.5	17.074	.0	1484.1	14069.6	10.6
1320.0	1308.4	3.101	3.007	34.532	27.511	33.597	27.502	66.2	17.208	.0	1484.1	14408.1	5.9
1340.0	1328.1	3.067	2.971	34.536	27.517	33.695	27.508	65.7	17.340	.0	1484.3	14749.3	7.1
1360.0	1347.9	3.024	2.927	34.539	27.524	33.794	27.515	65.1	17.470	.0	1484.4	15092.9	1.6
1380.0	1367.6	2.993	2.895	34.542	27.529	33.892	27.521	64.6	17.600	.0	1484.6	15439.2	4.5
1400.0	1387.4	2.969	2.869	34.545	27.534	33.987	27.525	64.2	17.729	.0	1484.9	15787.9	1.9
1420.0	1407.1	2.931	2.830	34.548	27.539	34.085	27.530	63.7	17.857	.0	1485.0	16139.1	2.8
1440.0	1426.8	2.889	2.788	34.551	27.546	34.184	27.537	63.1	17.984	.0	1485.2	16492.9	7.5
1460.0	1446.6	2.853	2.750	34.554	27.552	34.282	27.542	62.6	18.110	.0	1485.4	16849.1	1.0
1480.0	1466.3	2.836	2.732	34.555	27.554	34.376	27.545	62.4	18.235	.0	1485.6	17207.7	3.1
1500.0	1486.1	2.782	2.676	34.559	27.563	34.477	27.553	61.6	18.358	.0	1485.7	17568.7	1.3
1520.0	1505.8	2.751	2.644	34.562	27.567	34.574	27.558	61.1	18.481	.0	1486.0	17932.1	2.8
1540.0	1525.5	2.708	2.601	34.565	27.574	34.673	27.564	60.5	18.603	.0	1486.1	18297.9	5.5
1560.0	1545.2	2.659	2.550	34.569	27.581	34.772	27.572	59.7	18.722	.0	1486.2	18666.1	1.7
1580.0	1565.0	2.651	2.540	34.571	27.583	34.866	27.574	59.6	18.842	.0	1486.5	19036.6	-.1
1600.0	1584.7	2.638	2.526	34.571	27.585	34.958	27.575	59.6	18.961	.0	1486.8	19409.3	9.0
1620.0	1604.4	2.592	2.479	34.573	27.590	35.056	27.581	59.0	19.080	.0	1486.9	19784.5	2.0
1640.0	1624.1	2.529	2.414	34.580	27.602	35.161	27.592	57.8	19.197	.0	1487.0	20161.8	2.0
1660.0	1643.8	2.497	2.382	34.582	27.606	35.257	27.596	57.4	19.312	.0	1487.2	20541.5	-.6
1680.0	1663.6	2.474	2.357	34.584	27.610	35.352	27.600	57.1	19.426	.0	1487.5	20923.3	.8
1700.0	1683.3	2.446	2.328	34.587	27.614	35.449	27.604	56.7	19.540	.0	1487.7	21307.4	4.7
1720.0	1703.0	2.418	2.298	34.589	27.618	35.544	27.608	56.3	19.653	.0	1487.9	21693.7	1.5
1740.0	1722.7	2.390	2.269	34.592	27.623	35.641	27.613	55.8	19.764	.0	1488.1	22082.1	.3
1760.0	1742.4	2.374	2.252	34.593	27.626	35.735	27.615	55.6	19.876	.0	1488.4	22472.7	3.8
1780.0	1762.1	2.337	2.214	34.597	27.632	35.833	27.622	55.0	19.986	.0	1488.5	22865.5	.0
1800.0	1781.8	2.322	2.198	34.599	27.634	35.926	27.624	54.8	20.096	.0	1488.8	23260.3	3.6
1820.0	1801.5	2.306	2.180	34.600	27.636	36.020	27.626	54.6	20.206	.0	1489.1	23657.3	1.8
1840.0	1821.2	2.289	2.162	34.601	27.639	36.113	27.628	54.4	20.315	.0	1489.3	24056.5	4.8
1860.0	1840.9	2.261	2.132	34.603	27.643	36.209	27.633	54.0	20.423	.0	1489.6	24457.7	5.4
1880.0	1860.6	2.241	2.111	34.605	27.647	36.304	27.636	53.7	20.531	.0	1489.8	24861.0	.7
1900.0	1880.3	2.219	2.087	34.608	27.651	36.399	27.640	53.3	20.638	.0	1490.1	25266.4	3.3
1920.0	1900.0	2.188	2.056	34.610	27.655	36.495	27.644	52.9	20.744	.0	1490.3	25673.9	-1.3
1940.0	1919.7	2.168	2.034	34.612	27.658	36.590	27.647	52.6	20.850	.0	1490.5	26083.4	2.5
1960.0	1939.4	2.149	2.013	34.613	27.661	36.684	27.650	52.3	20.955	.0	1490.8	26494.9	3.4
1980.0	1959.1	2.121	1.984	34.615	27.665	36.779	27.654	52.0	21.059	.0	1491.0	26908.5	.2
2000.0	1978.7	2.094	1.956	34.619	27.670	36.875	27.659	51.5	21.163	.0	1491.2	27324.0	.8
2050.0	2027.9	2.037	1.896	34.624	27.679	37.112	27.667	50.6	21.418	.0	1491.8	28371.6	3.7
2098.0	2075.2	2.008	1.863	34.626	27.683	37.334	27.671	50.3	21.660	.0	1492.5	29388.8	.0

Station 46 Latitude 32° 16.04'N Longitude 127° 14.97'W 01 May 1991 GMT 18:07 Bottom 1060 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.933	14.933	33.155	24.565	24.565	24.565	336.2	.000	.0	1504.9	.0	.0
10.0	10.0	14.937	14.936	33.151	24.562	24.606	24.561	336.8	.336	.0	1505.1	1.7	-4.0
20.0	19.9	14.929	14.926	33.152	24.565	24.653	24.564	336.8	.673	.0	1505.2	6.7	1.0
30.0	29.9	14.921	14.917	33.152	24.566	24.699	24.565	337.0	1.010	.0	1505.4	15.1	2.8
40.0	39.8	14.906	14.901	33.154	24.571	24.748	24.570	336.8	1.347	.0	1505.5	26.8	9.8
50.0	49.8	14.838	14.830	33.163	24.593	24.814	24.592	335.0	1.684	.0	1505.4	41.9	44.6
60.0	59.8	14.452	14.443	33.184	24.692	24.957	24.690	325.8	2.015	.0	1504.4	60.4	75.3
70.0	69.7	14.446	14.436	33.218	24.720	25.029	24.718	323.5	2.339	.0	1504.6	82.0	4.5
80.0	79.7	14.403	14.391	33.223	24.733	25.087	24.730	322.5	2.663	.0	1504.6	107.0	17.1
90.0	89.7	14.287	14.274	33.225	24.760	25.158	24.757	320.2	2.984	.0	1504.4	135.1	52.8
100.0	99.6	13.402	13.388	33.156	24.888	25.332	24.885	308.2	3.299	.0	1501.5	166.4	175.0
110.0	109.6	12.226	12.212	33.074	25.054	25.545	25.051	292.4	3.600	.0	1497.6	200.7	125.3
120.0	119.5	11.342	11.327	33.061	25.208	25.746	25.205	277.8	3.886	.0	1494.7	238.0	92.3
130.0	129.5	10.836	10.821	33.119	25.343	25.927	25.340	265.0	4.157	.0	1493.1	278.0	117.7
140.0	139.4	10.565	10.549	33.248	25.491	26.121	25.488	251.2	4.416	.0	1492.5	320.7	62.3
150.0	149.4	10.368	10.351	33.303	25.568	26.243	25.565	244.0	4.665	.0	1492.0	365.9	94.2
160.0	159.3	9.839	9.821	33.340	25.686	26.408	25.683	232.8	4.905	.0	1490.3	413.5	143.9
170.0	169.3	9.530	9.511	33.390	25.776	26.544	25.773	224.4	5.134	.0	1489.4	463.4	115.7
180.0	179.2	9.269	9.250	33.508	25.911	26.725	25.907	211.8	5.351	.0	1488.7	515.5	81.2
190.0	189.1	9.008	8.988	33.599	26.023	26.884	26.020	201.2	5.558	.0	1488.0	569.8	45.7
200.0	199.1	8.915	8.894	33.674	26.097	27.003	26.094	194.3	5.755	.0	1487.9	626.0	100.4
210.0	209.0	8.842	8.819	33.763	26.178	27.129	26.174	186.9	5.945	.0	1487.9	684.2	81.4
220.0	219.0	8.790	8.767	33.879	26.277	27.274	26.273	177.6	6.128	.0	1488.0	744.2	114.8
230.0	228.9	8.594	8.570	33.922	26.341	27.384	26.338	171.7	6.301	.0	1487.5	805.9	5.5
240.0	238.9	8.567	8.542	33.940	26.360	27.448	26.356	170.1	6.472	.0	1487.6	869.4	41.6
250.0	248.8	8.460	8.434	33.962	26.394	27.528	26.390	167.0	6.641	.0	1487.4	934.5	42.4
260.0	258.7	8.328	8.301	33.976	26.425	27.605	26.421	164.2	6.806	.0	1487.1	1001.3	74.3
270.0	268.6	8.083	8.056	33.993	26.475	27.701	26.471	159.5	6.967	.0	1486.3	1069.7	6.3
280.0	278.6	8.012	7.984	33.993	26.486	27.758	26.481	158.6	7.126	.0	1486.2	1139.7	51.1
290.0	288.5	7.770	7.741	33.999	26.526	27.845	26.522	154.8	7.283	.0	1485.5	1211.3	15.1
300.0	298.5	7.600	7.571	33.999	26.550	27.916	26.546	152.6	7.436	.0	1485.0	1284.4	38.8
310.0	308.4	7.420	7.390	34.001	26.578	27.990	26.573	150.1	7.587	.0	1484.4	1359.0	15.6
320.0	318.3	7.249	7.219	34.006	26.605	28.065	26.601	147.5	7.736	.0	1483.9	1435.1	18.8
330.0	328.2	7.063	7.033	34.003	26.629	28.135	26.625	145.2	7.883	.0	1483.4	1512.6	22.9
340.0	338.2	6.965	6.934	34.002	26.642	28.194	26.638	144.1	8.027	.0	1483.1	1591.6	6.5
350.0	348.1	6.873	6.841	34.005	26.656	28.255	26.652	142.8	8.170	.0	1482.9	1672.0	9.1
360.0	358.0	6.748	6.715	34.004	26.673	28.318	26.669	141.3	8.313	.0	1482.6	1753.8	33.7
370.0	368.0	6.679	6.645	34.006	26.684	28.375	26.679	140.4	8.453	.0	1482.5	1837.0	7.3
380.0	377.9	6.572	6.538	34.009	26.700	28.438	26.696	138.9	8.593	.0	1482.2	1921.7	36.6
390.0	387.8	6.377	6.343	34.015	26.731	28.516	26.726	136.0	8.731	.0	1481.6	2007.6	11.9
400.0	397.7	6.277	6.242	34.019	26.747	28.578	26.742	134.5	8.866	.0	1481.4	2095.0	10.2
410.0	407.6	6.180	6.144	34.023	26.763	28.641	26.758	133.0	9.000	.0	1481.2	2183.6	9.0
420.0	417.6	6.131	6.095	34.026	26.771	28.696	26.767	132.3	9.132	.0	1481.2	2273.6	10.1
430.0	427.5	5.980	5.943	34.035	26.798	28.769	26.793	129.8	9.264	.0	1480.7	2364.9	33.0
440.0	437.4	5.904	5.866	34.038	26.809	28.827	26.804	128.8	9.393	.0	1480.6	2457.4	24.2
450.0	447.3	5.831	5.792	34.045	26.824	28.888	26.819	127.5	9.521	.0	1480.5	2551.3	20.1
460.0	457.3	5.753	5.714	34.049	26.837	28.948	26.832	126.3	9.648	.0	1480.3	2646.3	28.5
470.0	467.2	5.621	5.582	34.060	26.862	29.020	26.857	123.9	9.774	.0	1480.0	2742.7	36.1
480.0	477.1	5.506	5.466	34.063	26.878	29.083	26.873	122.4	9.897	.0	1479.7	2840.3	12.7
490.0	487.0	5.454	5.413	34.068	26.888	29.139	26.883	121.5	10.019	.0	1479.6	2939.0	21.8
500.0	496.9	5.359	5.318	34.085	26.913	29.211	26.908	119.2	10.139	.0	1479.4	3039.0	17.7
510.0	506.9	5.318	5.276	34.092	26.923	29.268	26.918	118.3	10.258	.0	1479.4	3140.1	17.1
520.0	516.8	5.269	5.227	34.098	26.934	29.324	26.929	117.4	10.376	.0	1479.4	3242.5	4.8
530.0	526.7	5.220	5.177	34.107	26.947	29.384	26.942	116.2	10.493	.0	1479.4	3345.9	19.1
540.0	536.6	5.141	5.098	34.117	26.964	29.448	26.959	114.6	10.608	.0	1479.2	3450.6	26.4
550.0	546.5	5.056	5.012	34.126	26.981	29.512	26.976	113.0	10.722	.0	1479.1	3556.3	5.3
560.0	556.4	5.017	4.972	34.132	26.991	29.567	26.986	112.1	10.835	.0	1479.1	3663.2	27.6
570.0	566.4	4.915	4.870	34.148	27.015	29.639	27.010	109.8	10.945	.0	1478.8	3771.2	12.1
580.0	576.3	4.880	4.835	34.155	27.025	29.695	27.020	109.0	11.054	.0	1478.9	3880.2	5.3
590.0	586.2	4.852	4.806	34.162	27.033	29.749	27.028	108.3	11.163	.0	1478.9	3990.3	27.6
600.0	596.1	4.765	4.718	34.174	27.052	29.815	27.047	106.5	11.271	.0	1478.7	4101.5	20.3
610.0	606.0	4.728	4.680	34.188	27.068	29.877	27.063	105.1	11.377	.0	1478.8	4213.8	17.0
620.0	615.9	4.693	4.644	34.197	27.079	29.935	27.073	104.1	11.481	.0	1478.8	4327.0	29.0
630.0	625.8	4.652	4.603	34.213	27.096	29.998	27.091	102.5	11.584	.0	1478.8	4441.3	9.7
640.0	635.7	4.612	4.563	34.222	27.108	30.057	27.103	101.4	11.686	.0	1478.8	4556.6	12.3
650.0	645.7	4.599	4.548	34.227	27.113	30.107	27.107	101.1	11.788	.0	1478.9	4673.0	8.3
660.0	655.6	4.580	4.529	34.235	27.122	30.162	27.116	100.3	11.888	.0	1479.0	4790.3	3.3
670.0	665.5	4.557	4.505	34.248	27.135	30.221	27.129	99.1	11.988	.0	1479.1	4908.6	17.3
680.0	675.4	4.537	4.485	34.255	27.142	30.275	27.137	98.5	12.087	.0	1479.2	5027.8	9.7
690.0	685.3	4.500	4.447	34.267	27.156	30.335	27.150	97.3	12.185	.0	1479.2	5148.1	11.8
700.0	695.2	4.462	4.408	34.275	27.166	30.392	27.160	96.3	12.282	.0	1479.3	5269.3	15.0
710.0	705.1	4.437	4.383	34.284	27.177	30.448	27.171	95.4	12.377	.0	1479.3	5391.4	5.4
720.0	715.0	4.414	4.359	34.302	27.193	30.511	27.187	93.9	12.472	.0	1479.4	5514.5	21.5
730.0	724.9	4.379	4.324	34.314	27.207	30.571	27.201	92.7	12.566	.0	1479.5	5638.5	19.4
740.0	734.8	4.367	4.310	34.323	27.215	30.625	27.209	92.0	12.658	.0	1479.6	5763.4	3.9
750.0	744.7	4.357	4.300	34.336	27.227	30.682	27.221	91.0	12.750	.0	1479.7	5889.2	7.4
760.0	754.6	4.328	4.270	34.342	27.235	30.737	27.229	90.3	12.840	.0	1479.8	6015.9	8.3
770.0	764.5	4.317	4.258	34.346	27.239	30.787	27.233	90.0	12.931	.0	1479.9	6143.5	4.8
780.0	774.4	4.287	4.228	34.352	27.247	30.841	27.241	89.3	13.020	.0	1479.9	6272.0	19.7
790.0	784.3	4.270	4.210	34.360	27.256	30.896	27.249	88.5	13.109	.0	1480.1	6401.4	6.6
800.0	794.2	4.223	4.163	34.367	27.265	30.952	27.259	87.6	13.197	.0	1480.0	6531.6	12.1
810.0	804.1	4.188	4.127	34.370	27.272	31.005	27.265	87.0	13.285	.0	1480.1	6662.7	3.0
820.0	814.0	4.155	4.094	34.373	27.278	31.057	27.272	86.5	13.371	.0	1480.1	6794.7	7.2
830.0	823.9	4.122	4.060	34.381	27.288	31.113	27.281	85.6	13.457	.0	1480.1	6927.5	11.3
840.0	833.8	4.092	4.029	34.387	27.296	31.168	27.289	84.9	13.543	.0	1480.2	7061.1	5.1
850.0	843.7	4.063	4.000	34.396	27.306	31.224	27.299	84.0	13.627	.0	1480.2	7195.6	3.6
860.0	853.6	4.042	3.978	34.402	27.313	31.277	27.306	83.4	13.711	.0	1480.3	7330.9	1.9
870.0	863.5	4.035	3.969	34.406	27.317	31.327	27.310	83.1	13.794	.0	1480.4	7467.0	4.5
880.0	873.4	4.024	3.958	34.409	27.320	31.376	27.313	82.9	13.877	.0	1480.6	7603.9	2.2
890.0	883.3	4.003	3.937	34.420	27.331	31.433	27.325	81.9	13.959	.0	1480.7	7741.6	2.8
900.0	893.2	3.985	3.918	34.426	27.338	31.486	27.331	81.3	14.041	.0	1480.8	7880.2	2.8
910.0	903.1	3.984	3.915	34.427	27.339	31.533	27.332	81.3	14.122	.0	1480.9	8019.5	-1.6
920.0	913.0	3.984	3.915	34.426	27.339	31.578	27.332	81.4	14.204	.0	1481.1	8159.7	-1.0
930.0	922.9	3.983	3.914	34.427	27.339	31.624	27.332	81.5	14.285	.0	1481.2	8300.6	.5
940.0	932.8	3.981	3.910	34.429	27.341	31.671	27.334	81.4	14.367	.0	1481.4	8442.4	6.4
950.0	942.7	3.976	3.905	34.431	27.343	31.720	27.336	81.3	14.448	.0	1481.6	8584.9	1.4
960.0	952.6	3.966	3.894	34.434	27.347	31.769	27.339	81.0	14.529	.0	1481.7	8728.2	10.5
970.0	962.5	3.926	3.853	34.447	27.361	31.830	27.354	79.7	14.609	.0	1481.7	8872.4	15.2
980.0	972.4	3.895	3.822	34.452	27.369	31.884	27.361	79.0	14.689	.0	1481.7	9017.3	-.1
990.0	982.3	3.886	3.812	34.453	27.370	31.931	27.363	78.9	14.768	.0	1481.9	9163.0	5.8

Station 46 Latitude 32° 16.04'N Longitude 127° 14.97'W 01 May 1991 GMT 18:07 Bottom 1060 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.861	3.787	34.458	27.377	31.984	27.369	78.3	14.846	.0	1481.9	9309.4	10.5
1020.0	1011.9	3.651	3.576	34.477	27.413	32.116	27.406	74.6	15.000	.0	1481.4	9604.6	15.4
1040.0	1031.7	3.531	3.455	34.487	27.433	32.231	27.426	72.6	15.147	.0	1481.2	9902.7	.0

Station 47 Latitude 32° 18.58'N Longitude 127° 14.02'W 01 May 1991 GMT 19:45 Bottom 2500 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.030	15.030	33.159	24.548	24.548	24.548	337.9	.000	.0	1505.2	.0	.0
10.0	10.0	15.028	15.027	33.159	24.548	24.592	24.548	338.1	.338	.0	1505.4	1.7	2.8
20.0	19.9	15.016	15.013	33.159	24.551	24.639	24.551	338.1	.676	.0	1505.5	6.7	8.0
30.0	29.9	14.980	14.975	33.158	24.559	24.691	24.558	337.7	1.014	.0	1505.6	15.2	19.7
40.0	39.8	14.953	14.947	33.165	24.570	24.746	24.568	336.9	1.352	.0	1505.6	26.9	29.7
50.0	49.8	14.620	14.612	33.185	24.657	24.878	24.655	328.9	1.686	.0	1504.8	42.1	66.8
60.0	59.8	14.453	14.444	33.184	24.692	24.957	24.690	325.9	2.013	.0	1504.4	60.5	27.9
70.0	69.7	14.378	14.368	33.187	24.710	25.020	24.708	324.4	2.338	.0	1504.3	82.2	10.6
80.0	79.7	14.355	14.344	33.198	24.723	25.077	24.721	323.4	2.662	.0	1504.4	107.1	11.8
90.0	89.7	14.218	14.205	33.189	24.746	25.145	24.743	321.5	2.985	.0	1504.1	135.2	67.7
100.0	99.6	13.293	13.280	33.125	24.886	25.330	24.883	308.4	3.300	.0	1501.1	166.5	98.3
110.0	109.6	11.672	11.659	33.066	25.151	25.643	25.148	283.1	3.598	.0	1495.7	200.9	204.8
120.0	119.5	11.075	11.061	33.090	25.278	25.817	25.276	271.1	3.875	.0	1493.8	238.0	249.2
130.0	129.5	10.760	10.745	33.163	25.390	25.975	25.388	260.5	4.138	.0	1492.9	277.9	42.2
140.0	139.4	10.197	10.181	33.171	25.494	26.125	25.491	250.8	4.394	.0	1491.0	320.4	27.1
150.0	149.4	10.035	10.019	33.197	25.541	26.218	25.538	246.5	4.642	.0	1490.6	365.3	103.8
160.0	159.3	9.856	9.838	33.296	25.649	26.371	25.646	236.4	4.883	.0	1490.3	412.7	125.2
170.0	169.3	9.572	9.554	33.364	25.749	26.517	25.746	227.0	5.114	.0	1489.5	462.4	45.5
180.0	179.2	9.380	9.360	33.446	25.844	26.658	25.841	218.1	5.337	.0	1489.0	514.4	101.4
190.0	189.1	9.124	9.104	33.559	25.973	26.833	25.970	206.0	5.549	.0	1488.4	568.5	154.3
200.0	199.1	8.865	8.844	33.702	26.127	27.033	26.123	191.5	5.747	.0	1487.8	624.7	162.2
210.0	209.0	8.770	8.748	33.754	26.183	27.134	26.179	186.4	5.936	.0	1487.6	682.8	90.8
220.0	219.0	8.698	8.675	33.817	26.243	27.240	26.239	180.9	6.118	.0	1487.6	742.7	70.6
230.0	228.9	8.603	8.579	33.884	26.310	27.353	26.306	174.6	6.295	.0	1487.5	804.4	21.3
240.0	238.8	8.592	8.567	33.917	26.338	27.426	26.334	172.2	6.469	.0	1487.7	867.8	61.5
250.0	248.8	8.432	8.406	33.965	26.400	27.534	26.396	166.4	6.638	.0	1487.3	932.9	68.5
260.0	258.7	8.124	8.098	33.990	26.466	27.647	26.462	160.2	6.801	.0	1486.3	999.6	26.8
270.0	268.6	7.936	7.909	33.996	26.499	27.727	26.495	157.1	6.959	.0	1485.8	1068.0	13.3
280.0	278.6	7.807	7.780	34.000	26.521	27.795	26.517	155.1	7.116	.0	1485.4	1137.9	40.8
290.0	288.5	7.609	7.581	34.002	26.551	27.872	26.547	152.3	7.269	.0	1484.8	1209.3	32.9
300.0	298.4	7.524	7.495	34.021	26.579	27.945	26.575	149.8	7.421	.0	1484.7	1282.3	35.8
310.0	308.4	7.309	7.279	34.007	26.598	28.011	26.594	148.1	7.569	.0	1484.0	1356.7	1.5
320.0	318.3	7.223	7.193	34.003	26.607	28.066	26.603	147.3	7.717	.0	1483.8	1432.6	3.9
330.0	328.2	7.080	7.049	34.006	26.629	28.135	26.625	145.2	7.864	.0	1483.4	1510.0	25.5
340.0	338.2	6.921	6.890	34.002	26.648	28.201	26.644	143.5	8.008	.0	1483.0	1588.8	26.9
350.0	348.1	6.819	6.787	34.007	26.666	28.264	26.661	141.9	8.151	.0	1482.7	1669.0	9.9
360.0	358.0	6.786	6.753	34.017	26.678	28.323	26.674	140.8	8.292	.0	1482.8	1750.6	3.5
370.0	368.0	6.704	6.671	34.025	26.695	28.386	26.691	139.3	8.432	.0	1482.6	1833.6	7.3
380.0	377.9	6.685	6.651	34.033	26.704	28.441	26.700	138.6	8.571	.0	1482.7	1918.0	15.2
390.0	387.8	6.518	6.483	34.021	26.717	28.501	26.712	137.4	8.709	.0	1482.2	2003.7	10.2
400.0	397.7	6.466	6.430	34.023	26.726	28.555	26.721	136.7	8.846	.0	1482.2	2090.9	35.7
410.0	407.6	6.236	6.200	34.022	26.755	28.632	26.750	133.9	8.981	.0	1481.4	2179.3	30.7
420.0	417.6	6.070	6.034	34.026	26.779	28.704	26.774	131.6	9.114	.0	1480.9	2269.1	15.1
430.0	427.5	5.997	5.960	34.028	26.790	28.761	26.785	130.6	9.245	.0	1480.8	2360.2	25.1
440.0	437.4	5.857	5.819	34.037	26.815	28.833	26.810	128.2	9.374	.0	1480.4	2452.6	32.9
450.0	447.3	5.784	5.746	34.044	26.829	28.894	26.824	126.9	9.502	.0	1480.3	2546.2	12.1
460.0	457.3	5.698	5.659	34.048	26.843	28.954	26.838	125.7	9.628	.0	1480.1	2641.1	17.1
470.0	467.2	5.586	5.547	34.056	26.862	29.021	26.858	123.8	9.753	.0	1479.8	2737.3	11.5
480.0	477.1	5.545	5.505	34.059	26.870	29.075	26.865	123.2	9.877	.0	1479.8	2834.6	20.0
490.0	487.0	5.485	5.445	34.070	26.886	29.137	26.882	121.7	9.999	.0	1479.8	2933.2	7.4
500.0	496.9	5.431	5.389	34.080	26.900	29.198	26.895	120.5	10.120	.0	1479.7	3033.0	5.1
510.0	506.9	5.379	5.337	34.093	26.917	29.261	26.912	119.0	10.240	.0	1479.7	3134.0	2.7
520.0	516.8	5.311	5.269	34.100	26.930	29.321	26.925	117.7	10.358	.0	1479.6	3236.1	34.4
530.0	526.7	5.188	5.145	34.111	26.954	29.392	26.949	115.5	10.474	.0	1479.3	3339.4	24.7
540.0	536.6	5.191	5.147	34.122	26.962	29.446	26.957	114.8	10.590	.0	1479.4	3443.8	23.2
550.0	546.5	5.063	5.019	34.130	26.983	29.514	26.978	112.8	10.703	.0	1479.1	3549.4	9.7
560.0	556.4	5.010	4.966	34.134	26.993	29.570	26.988	111.9	10.816	.0	1479.0	3656.1	7.4
570.0	566.3	4.972	4.927	34.139	27.001	29.625	26.996	111.2	10.927	.0	1479.1	3763.9	3.9
580.0	576.3	4.895	4.849	34.154	27.022	29.692	27.017	109.3	11.037	.0	1478.9	3872.7	13.8
590.0	586.2	4.877	4.831	34.172	27.038	29.754	27.033	107.8	11.146	.0	1479.0	3982.7	2.1
600.0	596.1	4.869	4.821	34.190	27.054	29.816	27.049	106.4	11.253	.0	1479.2	4093.7	15.0
610.0	606.0	4.778	4.730	34.195	27.067	29.876	27.062	105.2	11.359	.0	1479.0	4205.8	17.0
620.0	615.9	4.755	4.707	34.211	27.083	29.938	27.077	103.8	11.463	.0	1479.1	4318.9	2.1
630.0	625.8	4.728	4.678	34.225	27.097	29.998	27.092	102.5	11.566	.0	1479.1	4433.0	16.2
640.0	635.7	4.708	4.658	34.236	27.108	30.055	27.103	101.6	11.669	.0	1479.2	4548.1	10.3
650.0	645.7	4.663	4.612	34.245	27.121	30.114	27.115	100.5	11.770	.0	1479.2	4664.3	5.9
660.0	655.5	4.633	4.582	34.255	27.132	30.171	27.126	99.4	11.870	.0	1479.3	4781.4	11.5
670.0	665.5	4.607	4.555	34.263	27.141	30.227	27.135	98.6	11.968	.0	1479.4	4899.5	10.6
680.0	675.4	4.582	4.530	34.270	27.149	30.281	27.143	97.9	12.067	.0	1479.4	5018.6	6.2
690.0	685.3	4.553	4.499	34.278	27.159	30.337	27.153	97.0	12.164	.0	1479.5	5138.6	15.3
700.0	695.2	4.530	4.476	34.285	27.167	30.391	27.161	96.4	12.261	.0	1479.6	5259.6	6.5
710.0	705.1	4.508	4.453	34.294	27.177	30.447	27.171	95.6	12.357	.0	1479.6	5381.5	2.1
720.0	715.0	4.478	4.423	34.304	27.188	30.504	27.181	94.6	12.452	.0	1479.7	5504.4	11.5
730.0	724.9	4.429	4.372	34.312	27.200	30.563	27.194	93.5	12.546	.0	1479.7	5628.2	6.2
740.0	734.8	4.394	4.337	34.315	27.206	30.615	27.200	92.9	12.640	.0	1479.7	5752.9	9.5
750.0	744.7	4.380	4.323	34.330	27.220	30.675	27.213	91.7	12.732	.0	1479.8	5878.6	9.8
760.0	754.6	4.355	4.297	34.338	27.228	30.729	27.222	91.0	12.823	.0	1479.9	6005.1	12.1
770.0	764.5	4.316	4.257	34.342	27.236	30.784	27.230	90.3	12.914	.0	1479.9	6132.5	6.6
780.0	774.4	4.280	4.221	34.346	27.243	30.837	27.237	89.6	13.004	.0	1479.9	6260.9	5.1
790.0	784.3	4.238	4.178	34.346	27.248	30.888	27.242	89.2	13.094	.0	1479.9	6390.1	17.7
800.0	794.2	4.196	4.135	34.355	27.259	30.946	27.253	88.2	13.182	.0	1479.9	6520.2	9.5
810.0	804.1	4.178	4.117	34.360	27.265	30.998	27.258	87.7	13.270	.0	1480.0	6651.1	6.0
820.0	814.0	4.167	4.105	34.363	27.269	31.048	27.262	87.4	13.358	.0	1480.1	6782.9	6.9
830.0	823.9	4.144	4.082	34.368	27.275	31.100	27.268	86.9	13.445	.0	1480.2	6915.6	8.6
840.0	833.8	4.129	4.066	34.376	27.283	31.154	27.276	86.2	13.531	.0	1480.3	7049.1	16.0
850.0	843.7	4.102	4.038	34.384	27.293	31.210	27.286	85.3	13.617	.0	1480.4	7183.5	1.9
860.0	853.6	4.078	4.013	34.387	27.297	31.261	27.291	84.9	13.702	.0	1480.4	7318.7	10.4
870.0	863.5	4.048	3.983	34.389	27.302	31.312	27.296	84.5	13.787	.0	1480.5	7454.7	2.5
880.0	873.4	4.021	3.955	34.394	27.309	31.365	27.302	83.9	13.871	.0	1480.5	7591.6	4.5
890.0	883.3	4.005	3.938	34.403	27.318	31.420	27.311	83.1	13.955	.0	1480.6	7729.3	4.5
900.0	893.2	3.999	3.932	34.407	27.321	31.469	27.314	82.9	14.038	.0	1480.8	7867.8	3.4
910.0	903.1	3.974	3.906	34.414	27.330	31.524	27.323	82.1	14.120	.0	1480.9	8007.1	6.6
920.0	913.0	3.925	3.856	34.416	27.336	31.577	27.329	81.5	14.202	.0	1480.8	8147.2	5.4
930.0	922.9	3.893	3.824	34.425	27.347	31.634	27.340	80.5	14.283	.0	1480.9	8288.1	6.9
940.0	932.8	3.865	3.795	34.428	27.352	31.685	27.345	80.1	14.363	.0	1480.9	8429.9	1.9
950.0	942.7	3.829	3.759	34.433	27.360	31.739	27.352	79.4	14.443	.0	1480.9	8572.4	14.2
960.0	952.6	3.829	3.758	34.436	27.362	31.788	27.355	79.2	14.523	.0	1481.1	8715.6	6.9
970.0	962.5	3.806	3.734	34.440	27.368	31.840	27.361	78.7	14.601	.0	1481.2	8859.7	4.6
980.0	972.4	3.762	3.690	34.444	27.375	31.894	27.368	78.0	14.680	.0	1481.2	9004.5	11.3
990.0	982.3	3.733	3.660	34.450	27.383	31.948	27.376	77.3	14.757	.0	1481.2	9150.1	9.9

Station 47 Latitude 32° 18.58'N Longitude 127° 14.02'W 01 May 1991 GMT 19:45 Bottom 2500 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.716	3.642	34.453	27.388	31.999	27.381	76.9	14.835	.0	1481.3	9296.4	3.7
1020.0	1011.9	3.685	3.610	34.459	27.395	32.098	27.388	76.3	14.988	.0	1481.5	9591.4	2.6
1040.0	1031.7	3.626	3.550	34.466	27.407	32.202	27.400	75.2	15.139	.0	1481.6	9889.3	9.0
1060.0	1051.5	3.574	3.496	34.480	27.423	32.311	27.415	73.8	15.288	.0	1481.7	10190.2	6.7
1080.0	1071.2	3.544	3.466	34.485	27.430	32.410	27.422	73.2	15.436	.0	1481.9	10493.9	4.3
1100.0	1091.0	3.484	3.405	34.491	27.441	32.513	27.433	72.2	15.581	.0	1482.0	10800.6	1.1
1120.0	1110.8	3.461	3.380	34.494	27.446	32.610	27.438	71.9	15.725	.0	1482.3	11110.0	2.6
1140.0	1130.6	3.437	3.354	34.499	27.452	32.708	27.444	71.4	15.868	.0	1482.5	11422.3	2.0
1160.0	1150.3	3.402	3.318	34.504	27.460	32.808	27.452	70.7	16.010	.0	1482.7	11737.3	5.3
1180.0	1170.1	3.376	3.291	34.506	27.463	32.904	27.455	70.4	16.151	.0	1482.9	12055.2	2.6
1200.0	1189.8	3.352	3.265	34.508	27.468	33.000	27.459	70.1	16.292	.0	1483.1	12375.7	2.1
1220.0	1209.6	3.299	3.211	34.513	27.477	33.101	27.469	69.3	16.431	.0	1483.3	12699.0	6.2
1240.0	1229.4	3.254	3.165	34.518	27.485	33.202	27.477	68.5	16.569	.0	1483.4	13025.0	6.5
1260.0	1249.1	3.217	3.126	34.523	27.493	33.302	27.484	67.9	16.705	.0	1483.6	13353.7	8.8
1280.0	1268.9	3.177	3.085	34.527	27.500	33.401	27.491	67.2	16.840	.0	1483.7	13685.1	2.7
1300.0	1288.6	3.131	3.038	34.530	27.506	33.500	27.498	66.6	16.974	.0	1483.9	14019.0	2.4
1320.0	1308.4	3.088	2.994	34.531	27.511	33.597	27.503	66.1	17.107	.0	1484.0	14355.6	3.6
1340.0	1328.1	3.052	2.956	34.535	27.518	33.696	27.509	65.5	17.238	.0	1484.2	14694.7	2.1
1360.0	1347.9	3.013	2.917	34.542	27.527	33.797	27.518	64.8	17.369	.0	1484.4	15036.4	.7
1380.0	1367.6	2.990	2.892	34.542	27.530	33.892	27.521	64.6	17.498	.0	1484.6	15380.6	2.4
1400.0	1387.3	2.931	2.832	34.548	27.539	33.995	27.531	63.6	17.626	.0	1484.7	15727.3	1.6
1420.0	1407.1	2.891	2.791	34.550	27.545	34.092	27.536	63.0	17.753	.0	1484.9	16076.5	2.2
1440.0	1426.8	2.877	2.775	34.553	27.548	34.187	27.539	62.8	17.879	.0	1485.2	16428.1	.7
1460.0	1446.6	2.839	2.736	34.555	27.554	34.285	27.545	62.3	18.004	.0	1485.3	16782.2	2.2
1480.0	1466.3	2.812	2.707	34.556	27.557	34.380	27.548	62.0	18.128	.0	1485.5	17138.7	.7
1500.0	1486.0	2.772	2.667	34.561	27.565	34.479	27.555	61.3	18.252	.0	1485.7	17497.7	1.0
1520.0	1505.8	2.745	2.638	34.563	27.569	34.576	27.560	61.0	18.374	.0	1485.9	17859.0	6.3
1540.0	1525.5	2.707	2.599	34.566	27.574	34.674	27.565	60.4	18.496	.0	1486.1	18222.7	1.6
1560.0	1545.2	2.677	2.568	34.569	27.580	34.770	27.570	59.9	18.616	.0	1486.3	18588.7	5.2
1580.0	1564.9	2.644	2.533	34.571	27.584	34.867	27.575	59.5	18.736	.0	1486.5	18957.1	1.1
1600.0	1584.7	2.613	2.501	34.575	27.590	34.964	27.580	59.0	18.854	.0	1486.7	19327.8	5.2
1620.0	1604.4	2.585	2.471	34.576	27.593	35.059	27.583	58.7	18.972	.0	1486.9	19700.8	.8
1640.0	1624.1	2.568	2.453	34.577	27.596	35.153	27.586	58.5	19.089	.0	1487.2	20076.0	3.5
1660.0	1643.8	2.541	2.425	34.579	27.600	35.249	27.590	58.2	19.205	.0	1487.4	20453.5	.0
1680.0	1663.5	2.517	2.399	34.581	27.604	35.344	27.594	57.8	19.322	.0	1487.6	20833.3	4.1
1700.0	1683.3	2.490	2.371	34.583	27.608	35.440	27.598	57.4	19.437	.0	1487.9	21215.3	-.6
1720.0	1703.0	2.450	2.330	34.587	27.614	35.539	27.604	56.8	19.551	.0	1488.0	21599.6	1.5
1740.0	1722.7	2.430	2.309	34.589	27.617	35.633	27.607	56.5	19.664	.0	1488.3	21986.0	2.9
1760.0	1742.4	2.412	2.290	34.589	27.619	35.727	27.609	56.4	19.777	.0	1488.5	22374.7	1.5
1780.0	1762.1	2.373	2.249	34.594	27.626	35.826	27.616	55.6	19.889	.0	1488.7	22765.5	6.5
1800.0	1781.8	2.347	2.222	34.595	27.629	35.920	27.619	55.4	20.000	.0	1488.9	23158.5	1.2
1820.0	1801.5	2.337	2.210	34.597	27.632	36.013	27.621	55.2	20.111	.0	1489.2	23553.6	.1
1840.0	1821.2	2.304	2.177	34.599	27.636	36.110	27.626	54.7	20.221	.0	1489.4	23950.9	7.4
1860.0	1840.9	2.272	2.144	34.603	27.642	36.208	27.632	54.1	20.329	.0	1489.6	24350.3	1.6
1880.0	1860.6	2.248	2.118	34.607	27.647	36.304	27.637	53.7	20.437	.0	1489.8	24751.7	1.9
1900.0	1880.3	2.212	2.081	34.610	27.653	36.402	27.642	53.1	20.544	.0	1490.0	25155.3	.4
1920.0	1900.0	2.191	2.058	34.611	27.655	36.495	27.644	52.9	20.650	.0	1490.3	25560.9	2.2
1940.0	1919.7	2.180	2.046	34.611	27.657	36.588	27.646	52.8	20.756	.0	1490.6	25968.5	-.7
1960.0	1939.3	2.170	2.034	34.612	27.658	36.680	27.647	52.7	20.861	.0	1490.9	26378.2	2.2
1980.0	1959.0	2.155	2.018	34.614	27.661	36.774	27.650	52.4	20.966	.0	1491.1	26789.9	1.4
2000.0	1978.7	2.138	1.999	34.617	27.665	36.868	27.654	52.1	21.071	.0	1491.4	27203.7	2.2
2050.0	2027.9	2.095	1.953	34.620	27.671	37.101	27.659	51.6	21.331	.0	1492.0	28246.9	1.1
2098.0	2075.1	2.066	1.920	34.623	27.676	37.324	27.664	51.2	21.578	.0	1492.7	29260.0	.0

Station 48 Latitude 32° 21.99'N Longitude 127° 11.89'W 01 May 1991 GMT 21:47 Bottom 4175 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.079	15.079	33.182	24.554	24.554	24.554	337.2	.000	.0	1505.4	.0	.0
10.0	10.0	15.065	15.063	33.183	24.558	24.602	24.558	337.1	.338	.0	1505.5	1.7	20.6
20.0	19.9	15.040	15.037	33.179	24.561	24.649	24.560	337.2	.675	.0	1505.6	6.7	.7
30.0	29.9	15.007	15.003	33.176	24.566	24.699	24.566	337.0	1.012	.0	1505.7	15.1	9.5
40.0	39.8	14.578	14.572	33.182	24.663	24.840	24.662	328.0	1.346	.0	1504.5	26.9	128.3
50.0	49.8	14.415	14.408	33.180	24.696	24.918	24.695	325.1	1.672	.0	1504.1	41.9	27.9
60.0	59.8	14.189	14.180	33.150	24.721	24.986	24.719	323.1	1.996	.0	1503.5	60.2	29.6
70.0	69.7	14.117	14.107	33.146	24.733	25.044	24.731	322.1	2.318	.0	1503.4	81.7	.9
80.0	79.7	14.211	14.200	33.176	24.737	25.091	24.735	322.1	2.640	.0	1503.9	106.3	11.7
90.0	89.7	14.219	14.207	33.193	24.749	25.147	24.746	321.3	2.962	.0	1504.1	134.2	16.7
100.0	99.6	14.034	14.020	33.200	24.793	25.236	24.790	317.3	3.282	.0	1503.7	165.3	74.1
110.0	109.6	13.250	13.235	33.153	24.916	25.405	24.913	305.7	3.594	.0	1501.2	199.6	241.7
120.0	119.5	11.538	11.523	33.043	25.158	25.696	25.155	282.6	3.885	.0	1495.3	236.8	95.3
130.0	129.5	10.995	10.980	33.088	25.291	25.875	25.288	270.0	4.162	.0	1493.6	276.9	83.8
140.0	139.4	10.592	10.576	33.132	25.396	26.025	25.393	260.2	4.428	.0	1492.4	319.6	82.8
150.0	149.4	10.322	10.305	33.232	25.521	26.196	25.518	248.5	4.685	.0	1491.7	365.0	206.9
160.0	159.3	9.757	9.739	33.298	25.667	26.389	25.664	234.7	4.926	.0	1489.9	412.8	92.6
170.0	169.3	9.341	9.322	33.477	25.875	26.644	25.872	215.0	5.150	.0	1488.8	462.9	182.8
180.0	179.2	9.183	9.163	33.547	25.955	26.769	25.952	207.5	5.361	.0	1488.4	515.2	31.1
190.0	189.1	9.001	8.981	33.584	26.013	26.873	26.009	202.2	5.567	.0	1488.0	569.5	82.6
200.0	199.1	8.805	8.784	33.689	26.126	27.032	26.122	191.6	5.763	.0	1487.5	625.8	126.5
210.0	209.0	8.708	8.686	33.819	26.243	27.195	26.239	180.7	5.948	.0	1487.5	684.0	46.5
220.0	219.0	8.656	8.633	33.890	26.306	27.304	26.303	174.8	6.126	.0	1487.6	744.0	45.7
230.0	228.9	8.536	8.512	33.944	26.368	27.410	26.364	169.2	6.297	.0	1487.3	805.7	43.3
240.0	238.8	8.466	8.441	33.963	26.393	27.482	26.389	166.9	6.465	.0	1487.3	869.2	17.8
250.0	248.8	8.345	8.320	33.974	26.420	27.555	26.416	164.4	6.630	.0	1487.0	934.2	18.1
260.0	258.7	8.264	8.237	33.984	26.441	27.621	26.437	162.6	6.794	.0	1486.8	1000.9	31.0
270.0	268.6	8.085	8.057	33.992	26.474	27.700	26.470	159.6	6.955	.0	1486.3	1069.2	43.5
280.0	278.6	7.907	7.879	34.004	26.510	27.783	26.506	156.3	7.113	.0	1485.8	1139.0	25.6
290.0	288.5	7.686	7.658	34.004	26.542	27.862	26.538	153.3	7.267	.0	1485.1	1210.5	27.7
300.0	298.4	7.555	7.526	34.004	26.560	27.926	26.556	151.6	7.419	.0	1484.8	1283.4	15.3
310.0	308.4	7.351	7.321	34.003	26.589	28.002	26.585	148.9	7.569	.0	1484.2	1357.8	21.2
320.0	318.3	7.199	7.169	34.001	26.609	28.068	26.604	147.1	7.717	.0	1483.7	1433.7	34.3
330.0	328.2	7.047	7.016	34.000	26.629	28.135	26.625	145.3	7.863	.0	1483.3	1511.1	10.9
340.0	338.2	6.853	6.822	34.000	26.656	28.209	26.652	142.7	8.007	.0	1482.7	1589.8	28.4
350.0	348.1	6.692	6.660	34.007	26.683	28.283	26.679	140.2	8.148	.0	1482.2	1670.0	22.2
360.0	358.0	6.616	6.584	34.009	26.695	28.341	26.690	139.2	8.288	.0	1482.1	1751.6	9.6
370.0	367.9	6.498	6.465	34.010	26.710	28.403	26.706	137.7	8.426	.0	1481.8	1834.6	21.3
380.0	377.9	6.398	6.364	34.013	26.726	28.465	26.722	136.3	8.563	.0	1481.6	1918.9	10.8
390.0	387.8	6.274	6.239	34.019	26.747	28.533	26.742	134.4	8.699	.0	1481.2	2004.6	38.0
400.0	397.7	6.109	6.075	34.030	26.777	28.610	26.772	131.5	8.832	.0	1480.8	2091.6	41.2
410.0	407.6	6.039	6.003	34.030	26.786	28.666	26.782	130.7	8.963	.0	1480.6	2179.9	6.6
420.0	417.6	5.974	5.938	34.033	26.796	28.722	26.792	129.8	9.094	.0	1480.5	2269.5	7.2
430.0	427.5	5.900	5.863	34.033	26.806	28.778	26.801	129.0	9.223	.0	1480.4	2360.3	6.6
440.0	437.4	5.777	5.740	34.043	26.829	28.848	26.824	126.8	9.351	.0	1480.1	2452.5	13.6
450.0	447.3	5.728	5.690	34.049	26.840	28.905	26.835	125.9	9.477	.0	1480.1	2545.9	16.2
460.0	457.3	5.675	5.636	34.055	26.851	28.963	26.846	124.9	9.603	.0	1480.0	2640.6	19.2
470.0	467.2	5.576	5.537	34.068	26.874	29.032	26.869	122.8	9.727	.0	1479.8	2736.4	37.9
480.0	477.1	5.541	5.501	34.077	26.885	29.089	26.880	121.8	9.849	.0	1479.8	2833.5	8.6
490.0	487.0	5.491	5.450	34.084	26.896	29.147	26.892	120.8	9.970	.0	1479.8	2931.8	25.0
500.0	496.9	5.449	5.408	34.090	26.906	29.203	26.901	120.0	10.090	.0	1479.8	3031.3	1.0
510.0	506.9	5.436	5.393	34.093	26.910	29.253	26.906	119.6	10.210	.0	1479.9	3132.0	18.6
520.0	516.8	5.402	5.359	34.109	26.927	29.316	26.922	118.1	10.329	.0	1480.0	3233.8	2.2
530.0	526.7	5.366	5.323	34.117	26.938	29.373	26.933	117.2	10.447	.0	1480.0	3336.8	24.1
540.0	536.6	5.143	5.100	34.123	26.969	29.452	26.963	114.2	10.563	.0	1479.2	3441.0	30.8
550.0	546.5	5.091	5.047	34.127	26.978	29.508	26.972	113.4	10.677	.0	1479.2	3546.3	15.9
560.0	556.4	5.013	4.968	34.137	26.995	29.572	26.990	111.7	10.789	.0	1479.1	3652.7	12.1
570.0	566.3	4.952	4.907	34.144	27.008	29.631	27.002	110.6	10.900	.0	1479.0	3760.2	9.1
580.0	576.3	4.904	4.858	34.151	27.019	29.689	27.013	109.6	11.011	.0	1479.0	3868.9	21.1
590.0	586.2	4.859	4.812	34.164	27.034	29.750	27.028	108.2	11.120	.0	1479.0	3978.5	12.6
600.0	596.1	4.815	4.768	34.173	27.046	29.809	27.041	107.1	11.227	.0	1478.9	4089.3	13.2
610.0	606.0	4.772	4.724	34.178	27.055	29.864	27.050	106.3	11.334	.0	1478.9	4201.1	10.0
620.0	615.9	4.741	4.692	34.189	27.067	29.923	27.062	105.2	11.440	.0	1479.0	4314.0	13.8
630.0	625.8	4.698	4.649	34.197	27.079	29.980	27.073	104.2	11.545	.0	1479.0	4427.9	10.0
640.0	635.7	4.635	4.586	34.207	27.093	30.041	27.088	102.9	11.648	.0	1478.9	4542.8	17.6
650.0	645.6	4.609	4.558	34.219	27.106	30.100	27.100	101.7	11.751	.0	1479.0	4658.8	23.8
660.0	655.5	4.600	4.549	34.235	27.120	30.160	27.114	100.5	11.852	.0	1479.1	4775.7	10.6
670.0	665.5	4.608	4.556	34.253	27.133	30.219	27.127	99.4	11.952	.0	1479.3	4893.6	13.6
680.0	675.4	4.600	4.547	34.267	27.145	30.277	27.139	98.3	12.051	.0	1479.5	5012.5	3.6
690.0	685.3	4.569	4.515	34.273	27.153	30.331	27.147	97.7	12.149	.0	1479.5	5132.4	12.4
700.0	695.2	4.523	4.469	34.286	27.169	30.393	27.163	96.2	12.245	.0	1479.5	5253.2	6.8
710.0	705.1	4.503	4.448	34.292	27.175	30.445	27.169	95.7	12.342	.0	1479.6	5375.0	14.2
720.0	715.0	4.463	4.408	34.299	27.186	30.503	27.180	94.7	12.437	.0	1479.6	5497.7	13.0
730.0	724.9	4.458	4.402	34.310	27.195	30.557	27.189	94.0	12.531	.0	1479.8	5621.4	7.4
740.0	734.8	4.436	4.379	34.314	27.201	30.609	27.195	93.5	12.624	.0	1479.9	5746.0	7.1
750.0	744.7	4.394	4.337	34.318	27.208	30.663	27.202	92.8	12.717	.0	1479.9	5871.5	4.8
760.0	754.6	4.358	4.300	34.319	27.213	30.715	27.207	92.4	12.810	.0	1479.9	5997.9	16.5
770.0	764.5	4.323	4.264	34.328	27.224	30.772	27.218	91.4	12.902	.0	1479.9	6125.2	3.9
780.0	774.4	4.307	4.247	34.334	27.230	30.824	27.224	90.9	12.993	.0	1480.0	6253.4	7.4
790.0	784.3	4.279	4.219	34.343	27.240	30.880	27.234	90.0	13.083	.0	1480.1	6382.5	3.9
800.0	794.2	4.302	4.241	34.358	27.251	30.935	27.244	89.2	13.173	.0	1480.3	6512.5	19.8
810.0	804.1	4.253	4.191	34.371	27.266	30.998	27.260	87.7	13.262	.0	1480.3	6643.4	9.5
820.0	814.0	4.224	4.162	34.380	27.276	31.054	27.270	86.8	13.349	.0	1480.4	6775.1	8.3
830.0	823.9	4.191	4.128	34.386	27.284	31.108	27.278	86.1	13.435	.0	1480.4	6907.7	5.4
840.0	833.8	4.177	4.113	34.392	27.291	31.161	27.285	85.5	13.521	.0	1480.5	7041.1	8.4
850.0	843.7	4.165	4.100	34.394	27.294	31.210	27.287	85.3	13.607	.0	1480.6	7175.3	11.9
860.0	853.6	4.120	4.055	34.399	27.302	31.265	27.295	84.6	13.691	.0	1480.6	7310.4	2.5
870.0	863.5	4.114	4.049	34.400	27.304	31.312	27.297	84.5	13.776	.0	1480.8	7446.4	-.7
880.0	873.4	4.065	3.999	34.403	27.311	31.366	27.304	83.8	13.860	.0	1480.7	7583.1	8.1
890.0	883.3	4.032	3.966	34.407	27.318	31.420	27.311	83.2	13.944	.0	1480.8	7720.7	1.9
900.0	893.2	4.007	3.940	34.410	27.323	31.471	27.316	82.7	14.027	.0	1480.8	7859.1	4.0
910.0	903.1	3.965	3.897	34.414	27.331	31.525	27.324	82.0	14.109	.0	1480.8	7998.3	-.1
920.0	913.0	3.960	3.891	34.415	27.332	31.572	27.325	82.0	14.191	.0	1481.0	8138.3	7.8
930.0	922.9	3.930	3.861	34.422	27.341	31.627	27.334	81.2	14.273	.0	1481.0	8279.1	6.3
940.0	932.8	3.911	3.841	34.426	27.346	31.679	27.339	80.7	14.354	.0	1481.1	8420.8	7.5
950.0	942.7	3.904	3.833	34.433	27.352	31.730	27.345	80.3	14.434	.0	1481.2	8563.2	1.7
960.0	952.6	3.859	3.787	34.433	27.357	31.782	27.350	79.8	14.514	.0	1481.2	8706.4	4.3
970.0	962.5	3.858	3.785	34.435	27.359	31.829	27.352	79.7	14.594	.0	1481.4	8850.3	4.6
980.0	972.3	3.826	3.753	34.441	27.367	31.884	27.360	79.0	14.673	.0	1481.4	8995.1	8.7
990.0	982.2	3.816	3.742	34.449	27.374	31.936	27.367	78.4	14.752	.0	1481.6	9140.6	12.8

Station 48 Latitude 32° 21.99'N Longitude 127° 11.89'W 01 May 1991 GMT 21:47 Bottom 4175 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.795	3.721	34.453	27.379	31.988	27.372	77.9	14.830	.0	1481.6	9286.9	9.3
1020.0	1011.9	3.753	3.678	34.459	27.389	32.090	27.382	77.1	14.985	.0	1481.8	9581.8	6.7
1040.0	1031.7	3.692	3.616	34.466	27.400	32.194	27.393	76.0	15.138	.0	1481.9	9879.7	2.3
1060.0	1051.5	3.609	3.531	34.470	27.412	32.299	27.404	74.9	15.289	.0	1481.9	10180.5	8.1
1080.0	1071.2	3.555	3.476	34.476	27.422	32.402	27.414	74.0	15.437	.0	1482.0	10484.3	6.1
1100.0	1091.0	3.507	3.427	34.489	27.437	32.509	27.429	72.6	15.584	.0	1482.1	10791.0	3.2
1120.0	1110.8	3.478	3.397	34.495	27.445	32.609	27.437	72.0	15.729	.0	1482.3	11100.5	5.2
1140.0	1130.6	3.431	3.348	34.504	27.456	32.713	27.448	71.0	15.872	.0	1482.5	11412.8	6.1
1160.0	1150.3	3.385	3.302	34.506	27.462	32.811	27.455	70.4	16.013	.0	1482.6	11728.0	3.5
1180.0	1170.1	3.328	3.243	34.511	27.472	32.914	27.464	69.5	16.153	.0	1482.7	12045.8	5.6
1200.0	1189.8	3.281	3.195	34.514	27.479	33.013	27.471	68.9	16.291	.0	1482.9	12366.4	2.3
1220.0	1209.6	3.235	3.148	34.519	27.487	33.114	27.479	68.1	16.428	.0	1483.0	12689.6	4.7
1240.0	1229.4	3.184	3.096	34.522	27.495	33.214	27.486	67.4	16.564	.0	1483.1	13015.6	1.2
1260.0	1249.1	3.145	3.056	34.525	27.501	33.312	27.492	66.9	16.698	.0	1483.3	13344.1	6.8
1280.0	1268.9	3.106	3.015	34.527	27.507	33.410	27.498	66.4	16.832	.0	1483.4	13675.3	3.3
1300.0	1288.6	3.075	2.983	34.530	27.511	33.507	27.503	66.0	16.964	.0	1483.6	14009.1	-.5
1320.0	1308.4	3.053	2.960	34.532	27.515	33.602	27.507	65.7	17.096	.0	1483.9	14345.4	-.8
1340.0	1328.1	3.019	2.924	34.535	27.521	33.701	27.513	65.1	17.226	.0	1484.1	14684.3	.4
1360.0	1347.9	2.992	2.895	34.537	27.525	33.796	27.516	64.9	17.357	.0	1484.3	15025.7	2.1
1380.0	1367.6	2.961	2.864	34.539	27.529	33.893	27.520	64.5	17.486	.0	1484.5	15369.7	1.3
1400.0	1387.3	2.925	2.826	34.544	27.537	33.992	27.528	63.8	17.615	.0	1484.7	15716.2	1.9
1420.0	1407.1	2.890	2.790	34.546	27.542	34.089	27.533	63.3	17.742	.0	1484.9	16065.1	1.0
1440.0	1426.8	2.857	2.756	34.550	27.548	34.187	27.539	62.8	17.868	.0	1485.1	16416.6	2.5
1460.0	1446.6	2.830	2.727	34.551	27.551	34.283	27.542	62.5	17.993	.0	1485.3	16770.4	3.9
1480.0	1466.3	2.807	2.703	34.554	27.556	34.379	27.547	62.1	18.117	.0	1485.5	17126.8	7.8
1500.0	1486.0	2.777	2.672	34.559	27.562	34.477	27.553	61.6	18.241	.0	1485.7	17485.5	1.0
1520.0	1505.8	2.744	2.637	34.563	27.569	34.575	27.559	61.0	18.364	.0	1485.9	17846.6	4.6
1540.0	1525.5	2.716	2.608	34.564	27.572	34.671	27.563	60.7	18.485	.0	1486.1	18210.1	1.4
1560.0	1545.2	2.682	2.573	34.567	27.578	34.768	27.568	60.1	18.606	.0	1486.3	18575.9	3.7
1580.0	1564.9	2.655	2.545	34.569	27.581	34.863	27.572	59.8	18.726	.0	1486.5	18944.1	2.6
1600.0	1584.7	2.633	2.521	34.571	27.585	34.959	27.576	59.5	18.845	.0	1486.8	19314.6	.8
1620.0	1604.4	2.607	2.494	34.573	27.589	35.055	27.580	59.2	18.964	.0	1487.0	19687.4	-.6
1640.0	1624.1	2.575	2.461	34.576	27.594	35.152	27.584	58.7	19.082	.0	1487.2	20062.5	2.6
1660.0	1643.8	2.555	2.439	34.578	27.597	35.246	27.587	58.4	19.199	.0	1487.5	20439.9	-.6
1680.0	1663.5	2.531	2.414	34.579	27.601	35.341	27.591	58.1	19.315	.0	1487.7	20819.6	3.2
1700.0	1683.2	2.497	2.379	34.583	27.607	35.439	27.597	57.6	19.431	.0	1487.9	21201.5	3.2
1720.0	1702.9	2.457	2.338	34.585	27.612	35.537	27.602	57.0	19.546	.0	1488.0	21585.6	5.0
1740.0	1722.7	2.430	2.309	34.587	27.616	35.632	27.606	56.6	19.659	.0	1488.3	21972.0	-.3
1760.0	1742.4	2.399	2.277	34.591	27.622	35.729	27.611	56.1	19.772	.0	1488.5	22360.5	3.3
1780.0	1762.1	2.375	2.252	34.593	27.625	35.825	27.615	55.8	19.884	.0	1488.7	22751.2	.0
1800.0	1781.8	2.364	2.239	34.594	27.627	35.917	27.617	55.7	19.995	.0	1489.0	23144.1	5.9
1820.0	1801.5	2.332	2.205	34.597	27.632	36.014	27.622	55.1	20.106	.0	1489.2	23539.1	-.5
1840.0	1821.2	2.296	2.168	34.598	27.636	36.111	27.626	54.7	20.216	.0	1489.4	23936.3	4.5
1860.0	1840.9	2.263	2.134	34.603	27.643	36.209	27.632	54.1	20.324	.0	1489.6	24335.6	8.3
1880.0	1860.6	2.243	2.113	34.604	27.646	36.303	27.635	53.8	20.432	.0	1489.8	24736.9	3.3
1900.0	1880.3	2.225	2.093	34.607	27.649	36.398	27.639	53.5	20.540	.0	1490.1	25140.4	3.3
1920.0	1900.0	2.210	2.077	34.608	27.652	36.491	27.641	53.3	20.646	.0	1490.3	25545.9	.4
1940.0	1919.7	2.185	2.051	34.611	27.656	36.586	27.645	52.9	20.753	.0	1490.6	25953.5	5.1
1960.0	1939.3	2.164	2.028	34.613	27.659	36.681	27.648	52.6	20.858	.0	1490.8	26363.1	-.4
1980.0	1959.0	2.145	2.008	34.614	27.662	36.775	27.651	52.3	20.963	.0	1491.1	26774.7	1.1
2000.0	1978.7	2.128	1.990	34.616	27.665	36.869	27.654	52.1	21.067	.0	1491.3	27188.4	.5
2050.0	2027.9	2.090	1.948	34.619	27.671	37.102	27.660	51.6	21.326	.0	1492.0	28231.4	.2
2098.0	2075.1	2.053	1.907	34.623	27.677	37.326	27.665	51.1	21.573	.0	1492.7	29244.3	.0

Station 49 Latitude 32° 28.61'N Longitude 127° 08.81'W 01 May 1991 GMT 23:55 Bottom 4430 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.853	14.853	33.052	24.503	24.503	24.503	342.1	.000	.0	1504.5	.0	.0
10.0	10.0	14.848	14.846	33.052	24.504	24.549	24.504	342.2	.342	.0	1504.7	1.7	.4
20.0	19.9	14.852	14.849	33.052	24.504	24.592	24.503	342.6	.685	.0	1504.9	6.8	11.8
30.0	29.9	14.698	14.694	33.120	24.589	24.722	24.588	334.8	1.025	.0	1504.6	15.3	149.7
40.0	39.8	14.554	14.548	33.197	24.680	24.857	24.679	326.4	1.356	.0	1504.4	27.2	108.4
50.0	49.8	14.430	14.422	33.206	24.713	24.934	24.712	323.5	1.681	.0	1504.2	42.3	14.4
60.0	59.8	14.377	14.368	33.221	24.736	25.002	24.734	321.6	2.004	.0	1504.2	60.7	35.2
70.0	69.7	14.393	14.383	33.247	24.753	25.063	24.751	320.3	2.325	.0	1504.4	82.2	12.7
80.0	79.7	14.331	14.320	33.254	24.772	25.126	24.770	318.8	2.644	.0	1504.4	107.0	15.9
90.0	89.7	14.258	14.245	33.245	24.781	25.179	24.778	318.2	2.963	.0	1504.3	134.9	5.0
100.0	99.6	14.412	14.398	33.303	24.793	25.236	24.790	317.3	3.280	.0	1505.0	166.0	9.8
110.0	109.6	14.456	14.440	33.347	24.818	25.304	24.815	315.3	3.597	.0	1505.4	200.2	260.1
120.0	119.5	12.103	12.088	33.146	25.133	25.670	25.131	285.1	3.896	.0	1497.4	237.6	204.4
130.0	129.5	11.227	11.211	33.111	25.268	25.851	25.265	272.3	4.174	.0	1494.5	277.7	132.4
140.0	139.4	10.535	10.518	33.127	25.402	26.032	25.399	259.6	4.439	.0	1492.2	320.6	99.8
150.0	149.4	10.005	9.989	33.158	25.516	26.193	25.513	248.8	4.693	.0	1490.5	366.0	74.8
160.0	159.3	9.629	9.611	33.312	25.699	26.421	25.696	231.6	4.935	.0	1489.5	413.9	181.3
170.0	169.3	9.444	9.426	33.455	25.841	26.609	25.837	218.3	5.161	.0	1489.1	464.1	164.6
180.0	179.2	9.334	9.315	33.572	25.950	26.764	25.947	208.0	5.373	.0	1489.0	516.5	78.8
190.0	189.1	9.393	9.372	33.701	26.042	26.900	26.038	199.6	5.577	.0	1489.6	570.9	40.2
200.0	199.1	9.344	9.322	33.753	26.090	26.994	26.087	195.2	5.774	.0	1489.6	627.4	19.7
210.0	209.0	9.196	9.174	33.827	26.173	27.122	26.169	187.5	5.966	.0	1489.3	685.7	4.5
220.0	219.0	9.141	9.117	33.843	26.194	27.189	26.190	185.7	6.153	.0	1489.3	745.9	25.3
230.0	228.9	9.015	8.990	33.908	26.265	27.305	26.261	179.1	6.335	.0	1489.1	808.0	21.1
240.0	238.9	8.878	8.852	33.940	26.312	27.398	26.308	174.8	6.513	.0	1488.8	871.8	54.2
250.0	248.8	8.791	8.764	33.987	26.362	27.494	26.358	170.2	6.686	.0	1488.7	937.4	54.2
260.0	258.7	8.633	8.606	34.023	26.415	27.593	26.411	165.3	6.855	.0	1488.3	1004.7	67.4
270.0	268.6	8.574	8.546	34.032	26.432	27.655	26.427	163.9	7.019	.0	1488.2	1073.6	31.9
280.0	278.6	8.395	8.366	34.064	26.484	27.754	26.480	159.0	7.181	.0	1487.8	1144.1	24.3
290.0	288.5	8.185	8.155	34.068	26.519	27.835	26.515	155.7	7.338	.0	1487.1	1216.2	37.7
300.0	298.5	7.807	7.777	34.040	26.552	27.917	26.548	152.5	7.492	.0	1485.8	1289.9	29.5
310.0	308.4	7.645	7.615	34.041	26.577	27.988	26.573	150.2	7.643	.0	1485.4	1365.0	12.4
320.0	318.3	7.682	7.651	34.065	26.591	28.047	26.587	149.1	7.793	.0	1485.7	1441.7	4.6
330.0	328.2	7.448	7.416	34.061	26.622	28.124	26.617	146.3	7.940	.0	1484.9	1519.8	17.4
340.0	338.2	6.988	6.957	34.003	26.639	28.191	26.635	144.4	8.086	.0	1483.2	1599.3	4.1
350.0	348.1	7.082	7.050	34.040	26.656	28.252	26.651	143.1	8.229	.0	1483.8	1680.3	29.0
360.0	358.0	6.902	6.869	34.036	26.678	28.321	26.673	141.0	8.371	.0	1483.3	1762.7	11.1
370.0	368.0	6.790	6.756	34.036	26.693	28.383	26.688	139.6	8.512	.0	1483.0	1846.5	24.9
380.0	377.9	6.750	6.716	34.053	26.712	28.448	26.707	138.0	8.651	.0	1483.0	1931.7	10.5
390.0	387.8	6.482	6.447	34.033	26.731	28.515	26.727	136.0	8.788	.0	1482.1	2018.3	20.7
400.0	397.7	6.418	6.383	34.045	26.749	28.580	26.745	134.4	8.923	.0	1482.0	2106.2	30.1
410.0	407.6	6.147	6.112	34.038	26.779	28.657	26.774	131.5	9.056	.0	1481.1	2195.4	30.9
420.0	417.6	6.009	5.973	34.030	26.790	28.715	26.785	130.5	9.187	.0	1480.7	2285.9	11.9
430.0	427.5	5.997	5.960	34.051	26.808	28.779	26.804	128.9	9.316	.0	1480.8	2377.7	3.1
440.0	437.4	5.995	5.957	34.070	26.823	28.840	26.818	127.6	9.445	.0	1481.0	2470.8	3.4
450.0	447.3	6.092	6.053	34.110	26.843	28.904	26.838	126.0	9.572	.0	1481.6	2565.1	17.8
460.0	457.3	5.883	5.844	34.099	26.860	28.969	26.855	124.2	9.697	.0	1480.9	2660.7	12.5
470.0	467.2	5.894	5.854	34.123	26.878	29.033	26.873	122.7	9.820	.0	1481.2	2757.5	6.0
480.0	477.1	5.880	5.839	34.136	26.890	29.091	26.885	121.7	9.943	.0	1481.3	2855.5	9.9
490.0	487.0	5.641	5.600	34.116	26.904	29.153	26.899	120.3	10.064	.0	1480.5	2954.7	17.1
500.0	496.9	5.683	5.641	34.142	26.919	29.213	26.914	119.0	10.183	.0	1480.8	3055.2	11.9
510.0	506.9	5.489	5.447	34.132	26.935	29.277	26.929	117.5	10.301	.0	1480.2	3156.7	6.3
520.0	516.8	5.524	5.481	34.154	26.948	29.335	26.943	116.4	10.418	.0	1480.5	3259.5	4.8
530.0	526.7	5.520	5.476	34.168	26.960	29.393	26.955	115.3	10.534	.0	1480.7	3363.4	14.8
540.0	536.6	5.450	5.405	34.170	26.970	29.449	26.964	114.5	10.649	.0	1480.6	3468.4	13.3
550.0	546.5	5.460	5.414	34.188	26.983	29.508	26.978	113.4	10.763	.0	1480.8	3574.6	15.1
560.0	556.4	5.386	5.339	34.191	26.995	29.566	26.989	112.3	10.876	.0	1480.7	3681.8	13.9
570.0	566.3	5.346	5.299	34.198	27.005	29.623	26.999	111.4	10.988	.0	1480.7	3790.2	12.5
580.0	576.3	5.277	5.229	34.197	27.012	29.676	27.007	110.8	11.099	.0	1480.5	3899.7	4.8
590.0	586.2	5.256	5.208	34.209	27.024	29.734	27.018	109.7	11.210	.0	1480.6	4010.3	13.0
600.0	596.1	5.251	5.202	34.225	27.038	29.794	27.032	108.5	11.319	.0	1480.8	4122.0	9.8
610.0	606.0	5.145	5.096	34.230	27.054	29.857	27.048	107.0	11.427	.0	1480.5	4234.7	19.5
620.0	615.9	5.107	5.057	34.237	27.064	29.913	27.059	106.1	11.533	.0	1480.6	4348.5	10.7
630.0	625.8	4.991	4.941	34.240	27.080	29.977	27.074	104.6	11.639	.0	1480.3	4463.3	11.0
640.0	635.7	5.008	4.957	34.261	27.094	30.036	27.088	103.3	11.743	.0	1480.5	4579.2	17.1
650.0	645.6	4.990	4.938	34.270	27.104	30.092	27.098	102.5	11.846	.0	1480.6	4696.0	15.7
660.0	655.5	4.946	4.893	34.278	27.115	30.149	27.109	101.5	11.948	.0	1480.6	4813.9	15.4
670.0	665.5	4.908	4.855	34.284	27.124	30.205	27.118	100.7	12.049	.0	1480.6	4932.8	8.9
680.0	675.4	4.840	4.786	34.286	27.133	30.261	27.128	99.8	12.149	.0	1480.5	5052.7	14.5
690.0	685.3	4.825	4.770	34.293	27.141	30.314	27.135	99.2	12.249	.0	1480.6	5173.6	16.3
700.0	695.2	4.793	4.737	34.305	27.154	30.373	27.148	98.1	12.348	.0	1480.7	5295.4	11.6
710.0	705.1	4.727	4.671	34.314	27.169	30.435	27.163	96.7	12.445	.0	1480.6	5418.2	16.8
720.0	715.0	4.688	4.631	34.315	27.174	30.487	27.168	96.2	12.542	.0	1480.6	5542.0	9.5
730.0	724.9	4.665	4.608	34.328	27.187	30.545	27.180	95.1	12.637	.0	1480.7	5666.7	4.0
740.0	734.8	4.609	4.552	34.331	27.195	30.600	27.189	94.4	12.732	.0	1480.6	5792.3	8.1
750.0	744.7	4.548	4.490	34.335	27.205	30.657	27.199	93.4	12.826	.0	1480.5	5918.8	13.6
760.0	754.6	4.471	4.413	34.335	27.213	30.712	27.207	92.6	12.918	.0	1480.4	6046.3	3.9
770.0	764.5	4.454	4.394	34.345	27.223	30.768	27.217	91.7	13.011	.0	1480.5	6174.7	7.2
780.0	774.4	4.434	4.374	34.346	27.227	30.818	27.220	91.5	13.102	.0	1480.6	6304.0	3.7
790.0	784.3	4.435	4.374	34.357	27.236	30.872	27.229	90.7	13.193	.0	1480.7	6434.2	7.8
800.0	794.2	4.378	4.316	34.366	27.248	30.932	27.242	89.5	13.283	.0	1480.7	6565.3	6.3
810.0	804.1	4.318	4.256	34.366	27.255	30.985	27.249	88.9	13.373	.0	1480.6	6697.2	6.3
820.0	814.0	4.274	4.212	34.372	27.264	31.041	27.258	88.1	13.461	.0	1480.6	6830.1	8.6
830.0	823.9	4.216	4.153	34.378	27.276	31.099	27.269	87.0	13.548	.0	1480.5	6963.7	.4
840.0	833.8	4.202	4.139	34.382	27.280	31.149	27.273	86.6	13.635	.0	1480.6	7098.3	11.0
850.0	843.7	4.179	4.115	34.388	27.287	31.203	27.280	86.0	13.721	.0	1480.7	7233.7	5.7
860.0	853.6	4.139	4.074	34.397	27.299	31.261	27.292	84.9	13.807	.0	1480.7	7369.9	8.1
870.0	863.5	4.129	4.063	34.398	27.301	31.309	27.294	84.8	13.892	.0	1480.8	7507.0	4.3
880.0	873.4	4.034	3.968	34.399	27.311	31.367	27.304	83.7	13.976	.0	1480.6	7644.9	13.9
890.0	883.3	4.018	3.952	34.407	27.320	31.421	27.313	83.0	14.060	.0	1480.7	7783.6	9.2
900.0	893.2	3.998	3.931	34.410	27.324	31.472	27.317	82.6	14.143	.0	1480.8	7923.2	10.1
910.0	903.1	3.962	3.895	34.412	27.330	31.524	27.323	82.1	14.225	.0	1480.8	8063.5	5.7
920.0	913.0	3.937	3.869	34.416	27.335	31.576	27.329	81.6	14.307	.0	1480.9	8204.7	6.6
930.0	922.9	3.922	3.852	34.421	27.341	31.627	27.334	81.2	14.388	.0	1481.0	8346.6	6.3
940.0	932.8	3.902	3.833	34.427	27.347	31.680	27.340	80.6	14.469	.0	1481.1	8489.4	6.3
950.0	942.7	3.877	3.806	34.432	27.354	31.733	27.347	80.0	14.549	.0	1481.1	8632.9	5.8
960.0	952.6	3.842	3.771	34.437	27.361	31.787	27.354	79.3	14.629	.0	1481.2	8777.3	1.9
970.0	962.5	3.816	3.744	34.444	27.370	31.842	27.363	78.5	14.708	.0	1481.2	8922.4	14.0
980.0	972.3	3.808	3.735	34.447	27.374	31.891	27.367	78.3	14.786	.0	1481.4	9068.2	3.7
990.0	982.2	3.785	3.712	34.451	27.379	31.942	27.372	77.8	14.865	.0	1481.4	9214.9	7.8

Station 49 Latitude 32° 28.61'N Longitude 127° 08.81'W 01 May 1991 GMT 23:55 Bottom 4430 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.763	3.689	34.454	27.383	31.993	27.376	77.5	14.942	.0	1481.5	9362.3	7.8
1020.0	1011.9	3.713	3.637	34.461	27.394	32.096	27.387	76.5	15.096	.0	1481.6	9659.4	8.7
1040.0	1031.7	3.670	3.594	34.467	27.403	32.197	27.396	75.7	15.248	.0	1481.8	9959.4	4.6
1060.0	1051.5	3.601	3.523	34.477	27.418	32.305	27.411	74.3	15.398	.0	1481.8	10262.5	9.9
1080.0	1071.2	3.556	3.477	34.482	27.427	32.406	27.419	73.6	15.546	.0	1482.0	10568.4	1.7
1100.0	1091.0	3.527	3.447	34.485	27.432	32.503	27.424	73.2	15.693	.0	1482.2	10877.3	-.9
1120.0	1110.8	3.483	3.402	34.490	27.440	32.604	27.432	72.5	15.839	.0	1482.4	11188.9	1.7
1140.0	1130.6	3.437	3.354	34.496	27.450	32.706	27.442	71.6	15.983	.0	1482.5	11503.5	3.5
1160.0	1150.3	3.403	3.319	34.499	27.455	32.804	27.447	71.1	16.125	.0	1482.7	11820.8	5.3
1180.0	1170.1	3.352	3.267	34.505	27.465	32.906	27.457	70.2	16.267	.0	1482.8	12140.9	8.2
1200.0	1189.8	3.319	3.232	34.508	27.471	33.004	27.462	69.8	16.407	.0	1483.0	12463.7	7.3
1220.0	1209.6	3.276	3.188	34.511	27.477	33.102	27.469	69.2	16.546	.0	1483.2	12789.3	4.4
1240.0	1229.4	3.232	3.143	34.514	27.484	33.201	27.475	68.6	16.684	.0	1483.3	13117.6	2.7
1260.0	1249.1	3.195	3.105	34.515	27.488	33.298	27.480	68.2	16.821	.0	1483.5	13448.5	4.4
1280.0	1268.9	3.166	3.075	34.516	27.492	33.394	27.483	67.9	16.957	.0	1483.7	13782.1	1.5
1300.0	1288.6	3.127	3.034	34.519	27.498	33.492	27.489	67.4	17.092	.0	1483.9	14118.4	5.3
1320.0	1308.4	3.099	3.005	34.521	27.502	33.588	27.493	67.1	17.227	.0	1484.1	14457.3	1.8
1340.0	1328.1	3.068	2.973	34.523	27.507	33.685	27.498	66.6	17.361	.0	1484.3	14798.8	3.9
1360.0	1347.9	3.038	2.942	34.526	27.512	33.782	27.503	66.2	17.494	.0	1484.5	15142.9	1.8
1380.0	1367.6	3.012	2.914	34.527	27.515	33.877	27.506	66.0	17.626	.0	1484.7	15489.6	3.3
1400.0	1387.3	2.988	2.888	34.530	27.520	33.973	27.511	65.6	17.757	.0	1484.9	15838.9	4.2
1420.0	1407.1	2.962	2.861	34.532	27.524	34.069	27.515	65.2	17.888	.0	1485.2	16190.7	.1
1440.0	1426.8	2.933	2.831	34.536	27.530	34.167	27.521	64.7	18.018	.0	1485.4	16545.1	3.1
1460.0	1446.6	2.909	2.805	34.537	27.533	34.262	27.524	64.4	18.147	.0	1485.6	16902.0	1.6
1480.0	1466.3	2.880	2.775	34.543	27.540	34.360	27.531	63.8	18.276	.0	1485.8	17261.4	1.6
1500.0	1486.0	2.859	2.752	34.545	27.544	34.456	27.535	63.5	18.403	.0	1486.1	17623.3	4.0
1520.0	1505.8	2.838	2.730	34.549	27.549	34.552	27.540	63.1	18.530	.0	1486.3	17987.6	1.4
1540.0	1525.5	2.802	2.693	34.554	27.557	34.652	27.547	62.4	18.655	.0	1486.5	18354.4	4.6
1560.0	1545.2	2.782	2.671	34.559	27.562	34.749	27.553	62.0	18.780	.0	1486.7	18723.7	3.2
1580.0	1564.9	2.733	2.621	34.562	27.569	34.848	27.560	61.2	18.903	.0	1486.9	19095.3	1.4
1600.0	1584.7	2.703	2.590	34.566	27.575	34.946	27.565	60.7	19.025	.0	1487.1	19469.3	4.6
1620.0	1604.4	2.676	2.562	34.567	27.578	35.041	27.568	60.5	19.146	.0	1487.3	19845.7	2.6
1640.0	1624.1	2.644	2.528	34.571	27.584	35.139	27.574	59.9	19.267	.0	1487.5	20224.5	.9
1660.0	1643.8	2.616	2.500	34.574	27.589	35.235	27.579	59.5	19.386	.0	1487.7	20605.5	4.4
1680.0	1663.5	2.592	2.474	34.576	27.593	35.331	27.583	59.1	19.504	.0	1488.0	20988.9	2.9
1700.0	1683.3	2.560	2.441	34.579	27.599	35.428	27.588	58.6	19.622	.0	1488.1	21374.5	3.8
1720.0	1703.0	2.534	2.413	34.580	27.601	35.522	27.591	58.3	19.739	.0	1488.4	21762.5	.0
1740.0	1722.7	2.508	2.386	34.583	27.606	35.619	27.596	57.9	19.855	.0	1488.6	22152.6	5.0
1760.0	1742.4	2.483	2.360	34.586	27.611	35.715	27.600	57.5	19.971	.0	1488.8	22545.1	3.0
1780.0	1762.1	2.462	2.337	34.588	27.615	35.810	27.604	57.1	20.085	.0	1489.1	22939.7	.7
1800.0	1781.8	2.434	2.308	34.590	27.618	35.905	27.608	56.8	20.199	.0	1489.3	23336.6	5.1
1820.0	1801.5	2.400	2.273	34.592	27.623	36.002	27.612	56.3	20.312	.0	1489.5	23735.7	3.9
1840.0	1821.2	2.362	2.234	34.594	27.628	36.099	27.617	55.8	20.424	.0	1489.7	24136.9	2.1
1860.0	1840.9	2.326	2.196	34.596	27.632	36.195	27.622	55.3	20.535	.0	1489.8	24540.3	3.0
1880.0	1860.6	2.299	2.169	34.598	27.636	36.291	27.625	54.9	20.646	.0	1490.1	24945.9	1.0
1900.0	1880.3	2.273	2.141	34.601	27.641	36.387	27.630	54.5	20.755	.0	1490.3	25353.5	5.4
1920.0	1900.0	2.248	2.115	34.604	27.645	36.482	27.634	54.1	20.864	.0	1490.5	25763.3	1.9
1940.0	1919.7	2.221	2.086	34.606	27.649	36.578	27.638	53.7	20.972	.0	1490.7	26175.2	1.0
1960.0	1939.3	2.194	2.058	34.608	27.653	36.673	27.642	53.3	21.079	.0	1490.9	26589.1	1.9
1980.0	1959.0	2.162	2.025	34.612	27.659	36.771	27.648	52.7	21.185	.0	1491.1	27005.2	2.5
2000.0	1978.7	2.143	2.004	34.613	27.661	36.864	27.650	52.5	21.290	.0	1491.4	27423.2	-.4
2050.0	2027.9	2.103	1.960	34.616	27.667	37.098	27.656	52.0	21.551	.0	1492.1	28477.2	3.2
2100.0	2077.1	2.047	1.901	34.621	27.676	37.334	27.665	51.1	21.809	.0	1492.7	29543.6	4.7
2104.0	2081.0	2.043	1.897	34.622	27.677	37.353	27.666	51.0	21.829	.0	1492.7	29629.5	.0

Station 50 Latitude 32° 42.12'N Longitude 127° 01.92'W 01 May 1991 GMT 2:46 Bottom 4375 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.958	14.958	33.236	24.622	24.622	24.622	330.8	.000	.0	1505.1	.0	.0
10.0	10.0	14.961	14.960	33.260	24.640	24.684	24.640	329.3	.330	.0	1505.3	1.6	4.8
20.0	19.9	14.961	14.958	33.262	24.642	24.730	24.642	329.5	.660	.0	1505.5	6.6	7.2
30.0	29.9	14.912	14.907	33.269	24.658	24.791	24.657	328.2	.988	.0	1505.5	14.8	18.0
40.0	39.8	14.558	14.552	33.231	24.705	24.882	24.704	324.0	1.314	.0	1504.5	26.3	34.0
50.0	49.8	14.377	14.370	33.228	24.741	24.962	24.740	320.9	1.636	.0	1504.0	41.0	34.6
60.0	59.8	14.403	14.394	33.259	24.760	25.026	24.758	319.4	1.956	.0	1504.3	58.8	6.8
70.0	69.7	14.441	14.431	33.291	24.777	25.087	24.775	318.0	2.275	.0	1504.6	79.9	18.2
80.0	79.7	14.439	14.427	33.324	24.803	25.157	24.801	315.8	2.592	.0	1504.8	104.2	27.9
90.0	89.7	14.639	14.626	33.429	24.842	25.240	24.839	312.5	2.906	.0	1505.8	131.5	26.5
100.0	99.6	14.670	14.655	33.476	24.872	25.314	24.869	309.9	3.217	.0	1506.1	162.0	80.1
110.0	109.6	13.722	13.706	33.377	24.995	25.482	24.992	298.4	3.521	.0	1503.0	195.6	230.2
120.0	119.5	11.979	11.964	33.268	25.251	25.788	25.249	273.8	3.806	.0	1497.2	232.1	130.5
130.0	129.5	11.147	11.131	33.223	25.369	25.952	25.366	262.7	4.074	.0	1494.4	271.3	185.1
140.0	139.4	10.856	10.840	33.359	25.527	26.155	25.524	247.9	4.327	.0	1493.7	313.1	102.5
150.0	149.4	9.999	9.982	33.341	25.660	26.337	25.657	235.2	4.567	.0	1490.7	357.3	18.9
160.0	159.3	9.820	9.802	33.392	25.730	26.452	25.727	228.7	4.800	.0	1490.3	403.9	112.6
170.0	169.3	9.376	9.357	33.430	25.832	26.601	25.829	219.1	5.025	.0	1488.8	452.8	136.2
180.0	179.2	9.222	9.202	33.520	25.928	26.742	25.925	210.1	5.240	.0	1488.5	503.8	140.3
190.0	189.1	9.128	9.107	33.616	26.018	26.878	26.015	201.7	5.446	.0	1488.5	556.9	49.2
200.0	199.1	9.060	9.039	33.741	26.126	27.031	26.123	191.7	5.644	.0	1488.6	612.1	125.7
210.0	209.0	9.001	8.978	33.828	26.204	27.155	26.201	184.4	5.831	.0	1488.6	669.1	47.2
220.0	218.9	8.911	8.888	33.892	26.268	27.264	26.264	178.6	6.013	.0	1488.5	727.9	23.8
230.0	228.9	8.828	8.804	33.925	26.308	27.349	26.304	175.0	6.190	.0	1488.4	788.6	60.9
240.0	238.8	8.753	8.727	33.943	26.334	27.421	26.330	172.6	6.363	.0	1488.3	850.9	72.9
250.0	248.8	8.560	8.534	33.981	26.393	27.526	26.389	167.1	6.532	.0	1487.8	915.0	3.8
260.0	258.7	8.489	8.462	33.996	26.416	27.595	26.412	165.1	6.698	.0	1487.7	980.7	49.8
270.0	268.6	8.362	8.335	34.014	26.450	27.674	26.445	162.0	6.862	.0	1487.4	1048.1	20.2
280.0	278.6	8.327	8.298	34.027	26.466	27.736	26.461	160.7	7.023	.0	1487.5	1117.0	30.4
290.0	288.5	8.164	8.135	34.030	26.492	27.809	26.488	158.3	7.183	.0	1487.0	1187.6	16.6
300.0	298.4	8.129	8.099	34.044	26.509	27.871	26.504	156.9	7.340	.0	1487.1	1259.7	25.7
310.0	308.4	8.019	7.988	34.056	26.534	27.942	26.530	154.6	7.495	.0	1486.8	1333.4	2.9
320.0	318.3	8.060	8.028	34.101	26.564	28.017	26.559	152.0	7.649	.0	1487.2	1408.6	29.5
330.0	328.2	7.937	7.904	34.111	26.590	28.089	26.585	149.6	7.800	.0	1486.9	1485.3	27.5
340.0	338.1	7.779	7.745	34.101	26.606	28.151	26.601	148.2	7.948	.0	1486.4	1563.5	8.7
350.0	348.1	7.454	7.420	34.079	26.635	28.228	26.630	145.4	8.095	.0	1485.3	1643.1	10.4
360.0	358.0	7.386	7.351	34.080	26.646	28.285	26.641	144.4	8.240	.0	1485.2	1724.2	23.0
370.0	367.9	7.194	7.159	34.088	26.678	28.365	26.674	141.3	8.383	.0	1484.6	1806.7	72.7
380.0	377.9	6.960	6.925	34.080	26.705	28.438	26.700	138.9	8.523	.0	1483.9	1890.6	21.4
390.0	387.8	6.863	6.826	34.086	26.723	28.503	26.718	137.2	8.661	.0	1483.7	1975.9	16.7
400.0	397.7	6.667	6.630	34.082	26.746	28.573	26.741	135.0	8.797	.0	1483.0	2062.5	23.4
410.0	407.6	6.499	6.462	34.077	26.764	28.639	26.760	133.2	8.931	.0	1482.5	2150.5	22.8
420.0	417.5	6.486	6.448	34.103	26.786	28.706	26.781	131.3	9.064	.0	1482.7	2239.8	10.5
430.0	427.5	6.465	6.427	34.113	26.797	28.763	26.792	130.4	9.195	.0	1482.8	2330.4	40.4
440.0	437.4	6.340	6.300	34.117	26.816	28.830	26.812	128.6	9.324	.0	1482.4	2422.2	7.0
450.0	447.3	6.246	6.207	34.123	26.833	28.893	26.828	127.0	9.452	.0	1482.2	2515.4	19.6
460.0	457.2	6.167	6.127	34.127	26.847	28.953	26.842	125.8	9.578	.0	1482.1	2609.8	1.7
470.0	467.2	6.127	6.086	34.131	26.856	29.007	26.850	125.1	9.704	.0	1482.1	2705.4	6.4
480.0	477.1	6.049	6.007	34.138	26.871	29.069	26.866	123.7	9.828	.0	1482.0	2802.3	20.1
490.0	487.0	6.012	5.969	34.147	26.883	29.127	26.877	122.7	9.951	.0	1482.0	2900.4	7.3
500.0	496.9	5.975	5.932	34.157	26.895	29.185	26.890	121.6	10.073	.0	1482.0	2999.7	21.0
510.0	506.8	5.849	5.805	34.164	26.917	29.254	26.911	119.6	10.194	.0	1481.7	3100.2	7.8
520.0	516.8	5.778	5.734	34.167	26.927	29.311	26.922	118.6	10.313	.0	1481.6	3201.9	2.6
530.0	526.7	5.740	5.695	34.167	26.933	29.363	26.927	118.2	10.431	.0	1481.6	3304.7	23.1
540.0	536.6	5.489	5.444	34.148	26.948	29.427	26.943	116.5	10.548	.0	1480.7	3408.8	4.0
550.0	546.5	5.486	5.440	34.158	26.956	29.481	26.951	115.9	10.664	.0	1480.9	3513.9	28.0
560.0	556.4	5.409	5.363	34.170	26.975	29.546	26.969	114.2	10.779	.0	1480.7	3620.2	8.7
570.0	566.3	5.401	5.353	34.186	26.988	29.605	26.983	113.0	10.892	.0	1480.9	3727.7	8.1
580.0	576.2	5.367	5.319	34.192	26.997	29.660	26.992	112.3	11.005	.0	1480.9	3836.2	13.1
590.0	586.2	5.126	5.078	34.171	27.009	29.722	27.004	110.9	11.116	.0	1480.1	3945.8	14.8
600.0	596.1	5.107	5.058	34.182	27.020	29.778	27.014	110.0	11.227	.0	1480.2	4056.6	6.6
610.0	606.0	5.201	5.151	34.209	27.031	29.833	27.025	109.2	11.336	.0	1480.7	4168.4	8.7
620.0	615.9	5.122	5.072	34.222	27.050	29.899	27.045	107.4	11.445	.0	1480.6	4281.3	14.2
630.0	625.8	5.103	5.052	34.232	27.060	29.955	27.055	106.5	11.552	.0	1480.7	4395.3	10.7
640.0	635.7	5.045	4.993	34.244	27.077	30.018	27.071	105.0	11.657	.0	1480.6	4510.3	13.0
650.0	645.6	4.973	4.921	34.250	27.089	30.077	27.083	103.9	11.762	.0	1480.5	4626.3	13.3
660.0	655.5	4.937	4.884	34.259	27.101	30.136	27.095	102.8	11.865	.0	1480.5	4743.4	14.2
670.0	665.4	4.880	4.827	34.259	27.108	30.189	27.102	102.2	11.968	.0	1480.5	4861.4	15.7
680.0	675.3	4.846	4.792	34.271	27.121	30.248	27.115	101.0	12.069	.0	1480.5	4980.5	20.4
690.0	685.3	4.780	4.725	34.277	27.133	30.307	27.127	99.9	12.170	.0	1480.4	5100.6	4.5
700.0	695.2	4.760	4.704	34.285	27.142	30.362	27.136	99.1	12.269	.0	1480.5	5221.7	10.4
710.0	705.1	4.721	4.665	34.290	27.150	30.416	27.144	98.4	12.368	.0	1480.5	5343.7	4.8
720.0	715.0	4.679	4.623	34.290	27.155	30.468	27.149	98.0	12.466	.0	1480.5	5466.7	6.6
730.0	724.9	4.599	4.542	34.290	27.163	30.523	27.157	97.2	12.564	.0	1480.3	5590.7	5.4
740.0	734.8	4.593	4.535	34.312	27.182	30.587	27.176	95.5	12.660	.0	1480.5	5715.6	13.3
750.0	744.7	4.670	4.611	34.333	27.191	30.640	27.184	95.0	12.756	.0	1481.0	5841.4	9.3
760.0	754.6	4.530	4.471	34.326	27.200	30.698	27.194	93.9	12.850	.0	1480.6	5968.2	1.9
770.0	764.5	4.522	4.462	34.334	27.207	30.751	27.201	93.3	12.944	.0	1480.7	6096.0	5.1
780.0	774.4	4.579	4.518	34.350	27.214	30.802	27.208	92.9	13.037	.0	1481.2	6224.6	10.1
790.0	784.3	4.523	4.461	34.355	27.225	30.860	27.218	91.9	13.130	.0	1481.1	6354.1	9.6
800.0	794.2	4.409	4.347	34.351	27.233	30.916	27.227	91.0	13.221	.0	1480.8	6484.6	2.2
810.0	804.1	4.415	4.352	34.354	27.236	30.964	27.229	90.9	13.312	.0	1481.0	6615.9	2.5
820.0	814.0	4.434	4.371	34.369	27.245	31.019	27.238	90.2	13.402	.0	1481.2	6748.2	12.2
830.0	823.9	4.388	4.324	34.375	27.255	31.075	27.248	89.3	13.492	.0	1481.2	6881.3	4.0
840.0	833.8	4.339	4.274	34.376	27.261	31.127	27.254	88.7	13.581	.0	1481.2	7015.3	12.2
850.0	843.7	4.296	4.231	34.380	27.269	31.182	27.262	88.0	13.669	.0	1481.2	7150.2	6.0
860.0	853.6	4.301	4.235	34.391	27.277	31.236	27.270	87.3	13.757	.0	1481.4	7285.9	7.8
870.0	863.5	4.278	4.211	34.396	27.284	31.288	27.277	86.7	13.844	.0	1481.4	7422.5	16.3
880.0	873.4	4.213	4.146	34.398	27.292	31.344	27.285	85.9	13.930	.0	1481.3	7559.9	2.2
890.0	883.3	4.187	4.119	34.399	27.296	31.394	27.289	85.6	14.016	.0	1481.4	7698.2	6.9
900.0	893.2	4.164	4.096	34.407	27.305	31.449	27.298	84.8	14.101	.0	1481.5	7837.3	2.0
910.0	903.1	4.133	4.064	34.413	27.313	31.503	27.305	84.1	14.186	.0	1481.5	7977.3	9.6
920.0	913.0	4.105	4.036	34.417	27.319	31.555	27.311	83.6	14.269	.0	1481.6	8118.1	9.9
930.0	922.9	4.067	3.996	34.421	27.326	31.609	27.319	82.9	14.353	.0	1481.6	8259.7	4.3
940.0	932.8	4.042	3.971	34.424	27.331	31.660	27.324	82.5	14.435	.0	1481.7	8402.1	3.7
950.0	942.7	4.015	3.943	34.427	27.337	31.712	27.329	82.0	14.517	.0	1481.7	8545.3	.2
960.0	952.5	3.980	3.908	34.429	27.342	31.763	27.334	81.5	14.599	.0	1481.7	8689.3	11.9
970.0	962.4	3.956	3.883	34.437	27.350	31.818	27.343	80.8	14.680	.0	1481.8	8834.1	5.5
980.0	972.3	3.936	3.862	34.441	27.356	31.869	27.348	80.3	14.761	.0	1481.9	8979.8	9.9
990.0	982.2	3.889	3.815	34.446	27.365	31.925	27.357	79.4	14.841	.0	1481.9	9126.1	5.2

Station 50 Latitude 32° 42.12'N Longitude 127° 01.92'W 01 May 1991 GMT 2:46 Bottom 4375 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.849	3.775	34.447	27.369	31.976	27.361	79.0	14.920	.0	1481.9	9273.3	15.8
1020.0	1011.9	3.803	3.727	34.455	27.380	32.080	27.372	78.0	15.076	.0	1482.0	9570.0	.2
1040.0	1031.7	3.747	3.670	34.458	27.389	32.181	27.381	77.3	15.232	.0	1482.1	9869.7	6.1
1060.0	1051.4	3.696	3.618	34.468	27.402	32.286	27.394	76.1	15.385	.0	1482.2	10172.4	9.0
1080.0	1071.2	3.629	3.550	34.473	27.413	32.390	27.405	75.1	15.536	.0	1482.3	10478.2	3.2
1100.0	1091.0	3.574	3.493	34.475	27.420	32.490	27.412	74.4	15.686	.0	1482.4	10786.8	8.5
1120.0	1110.8	3.492	3.411	34.476	27.428	32.592	27.421	73.5	15.834	.0	1482.4	11098.4	5.2
1140.0	1130.5	3.454	3.372	34.480	27.435	32.691	27.427	73.0	15.980	.0	1482.5	11412.8	5.2
1160.0	1150.3	3.408	3.324	34.484	27.443	32.791	27.435	72.3	16.126	.0	1482.7	11730.1	5.0
1180.0	1170.1	3.384	3.299	34.489	27.449	32.889	27.441	71.8	16.270	.0	1482.9	12050.2	.3
1200.0	1189.8	3.378	3.291	34.499	27.458	32.990	27.450	71.1	16.413	.0	1483.2	12373.2	7.3
1220.0	1209.6	3.331	3.243	34.503	27.466	33.089	27.457	70.4	16.554	.0	1483.4	12698.9	4.4
1240.0	1229.3	3.240	3.151	34.498	27.470	33.188	27.462	69.9	16.695	.0	1483.3	13027.3	4.1
1260.0	1249.1	3.243	3.152	34.508	27.478	33.286	27.470	69.3	16.834	.0	1483.7	13358.5	4.7
1280.0	1268.8	3.190	3.098	34.508	27.483	33.384	27.475	68.8	16.972	.0	1483.8	13692.4	4.1
1300.0	1288.6	3.146	3.053	34.513	27.492	33.485	27.483	68.0	17.108	.0	1483.9	14029.0	8.3
1320.0	1308.3	3.115	3.021	34.521	27.501	33.586	27.492	67.2	17.244	.0	1484.1	14368.2	3.0
1340.0	1328.1	3.067	2.971	34.523	27.507	33.685	27.498	66.6	17.378	.0	1484.3	14710.0	4.5
1360.0	1347.8	3.036	2.939	34.528	27.514	33.784	27.505	66.0	17.510	.0	1484.5	15054.5	3.6
1380.0	1367.6	2.984	2.886	34.535	27.524	33.887	27.516	65.0	17.641	.0	1484.6	15401.5	3.3
1400.0	1387.3	2.956	2.857	34.539	27.530	33.984	27.521	64.6	17.771	.0	1484.8	15751.0	-1.4
1420.0	1407.1	2.914	2.814	34.543	27.537	34.083	27.528	63.9	17.899	.0	1485.0	16103.1	2.2
1440.0	1426.8	2.880	2.779	34.546	27.543	34.181	27.534	63.4	18.027	.0	1485.2	16457.6	2.5
1460.0	1446.5	2.844	2.741	34.549	27.548	34.279	27.539	62.9	18.153	.0	1485.3	16814.6	3.1
1480.0	1466.3	2.808	2.704	34.552	27.554	34.377	27.545	62.3	18.278	.0	1485.5	17174.1	1.6
1500.0	1486.0	2.763	2.658	34.555	27.560	34.476	27.551	61.7	18.402	.0	1485.7	17536.0	4.3
1520.0	1505.7	2.728	2.622	34.558	27.566	34.573	27.556	61.2	18.525	.0	1485.9	17900.3	2.8
1540.0	1525.5	2.704	2.596	34.560	27.570	34.669	27.560	60.9	18.647	.0	1486.1	18266.9	1.9
1560.0	1545.2	2.687	2.577	34.562	27.573	34.763	27.563	60.6	18.768	.0	1486.3	18635.9	2.0
1580.0	1564.9	2.644	2.534	34.564	27.578	34.861	27.569	60.1	18.889	.0	1486.5	19007.3	3.7
1600.0	1584.6	2.613	2.501	34.567	27.583	34.958	27.574	59.6	19.009	.0	1486.7	19381.0	2.6
1620.0	1604.3	2.592	2.479	34.569	27.587	35.053	27.577	59.3	19.128	.0	1486.9	19757.1	3.5
1640.0	1624.1	2.556	2.442	34.571	27.592	35.150	27.582	58.8	19.246	.0	1487.1	20135.4	.8
1660.0	1643.8	2.532	2.417	34.575	27.597	35.247	27.587	58.3	19.363	.0	1487.4	20516.0	8.2
1680.0	1663.5	2.510	2.393	34.579	27.602	35.343	27.592	57.9	19.479	.0	1487.6	20898.9	3.2
1700.0	1683.2	2.481	2.363	34.581	27.607	35.440	27.597	57.5	19.594	.0	1487.8	21284.0	2.0
1720.0	1702.9	2.454	2.335	34.584	27.611	35.536	27.601	57.1	19.709	.0	1488.0	21671.4	3.5
1740.0	1722.6	2.430	2.309	34.586	27.615	35.631	27.605	56.7	19.823	.0	1488.3	22060.9	1.2
1760.0	1742.3	2.400	2.278	34.589	27.620	35.728	27.610	56.2	19.936	.0	1488.5	22452.7	6.2
1780.0	1762.0	2.368	2.245	34.591	27.625	35.825	27.615	55.8	20.048	.0	1488.7	22846.6	4.7
1800.0	1781.8	2.331	2.207	34.595	27.631	35.922	27.620	55.2	20.159	.0	1488.9	23242.7	2.4
1820.0	1801.4	2.313	2.187	34.594	27.632	36.015	27.621	55.1	20.269	.0	1489.1	23640.9	-.5
1840.0	1821.2	2.304	2.176	34.598	27.635	36.109	27.625	54.8	20.379	.0	1489.4	24041.3	-.2
1860.0	1840.8	2.281	2.152	34.599	27.639	36.204	27.628	54.5	20.488	.0	1489.6	24443.8	2.1
1880.0	1860.5	2.264	2.133	34.602	27.642	36.299	27.632	54.2	20.597	.0	1489.9	24848.4	2.8
1900.0	1880.2	2.233	2.102	34.603	27.646	36.394	27.635	53.9	20.705	.0	1490.1	25255.1	-.8
1920.0	1899.9	2.211	2.078	34.604	27.648	36.488	27.638	53.6	20.813	.0	1490.3	25663.9	1.0
1940.0	1919.6	2.193	2.058	34.607	27.652	36.583	27.641	53.3	20.919	.0	1490.6	26074.7	-.4
1960.0	1939.3	2.177	2.041	34.609	27.655	36.677	27.644	53.0	21.026	.0	1490.9	26487.6	1.6
1980.0	1959.0	2.152	2.015	34.610	27.658	36.771	27.647	52.7	21.131	.0	1491.1	26902.6	2.8
2000.0	1978.7	2.138	1.999	34.612	27.661	36.864	27.649	52.5	21.236	.0	1491.4	27319.5	2.8
2050.0	2027.9	2.085	1.942	34.616	27.669	37.100	27.657	51.7	21.497	.0	1492.0	28370.8	2.0
2096.0	2073.1	2.038	1.893	34.621	27.677	37.317	27.665	51.0	21.734	.0	1492.6	29349.1	.0

Station 51 Latitude 32° 33.71'N Longitude 126° 41.43'W 01 May 1991 GMT 5:53 Bottom 4340 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.678	14.678	33.140	24.608	24.608	24.608	332.1	.000	.0	1504.1	.0	.0
10.0	10.0	14.663	14.662	33.141	24.612	24.656	24.612	332.0	.332	.0	1504.2	1.7	.3
20.0	19.9	14.670	14.667	33.141	24.611	24.700	24.611	332.4	.664	.0	1504.4	6.6	-1.4
30.0	29.9	14.659	14.654	33.138	24.612	24.744	24.611	332.6	.997	.0	1504.5	14.9	.9
40.0	39.8	14.505	14.499	33.120	24.631	24.808	24.630	331.1	1.329	.0	1504.1	26.5	38.7
50.0	49.8	14.223	14.215	33.159	24.721	24.942	24.719	322.8	1.656	.0	1503.4	41.4	77.3
60.0	59.8	13.451	13.443	32.992	24.750	25.016	24.748	320.2	1.976	.0	1500.9	59.4	13.6
70.0	69.7	14.074	14.064	33.196	24.781	25.091	24.779	317.6	2.296	.0	1503.3	80.7	51.5
80.0	79.7	14.324	14.312	33.297	24.807	25.161	24.804	315.5	2.612	.0	1504.4	105.1	18.2
90.0	89.7	14.418	14.405	33.343	24.822	25.220	24.820	314.3	2.927	.0	1505.0	132.7	24.1
100.0	99.6	14.306	14.292	33.366	24.864	25.307	24.861	310.6	3.240	.0	1504.8	163.4	176.4
110.0	109.6	12.861	12.847	33.222	25.047	25.537	25.044	293.2	3.540	.0	1500.0	197.2	164.7
120.0	119.5	11.396	11.382	33.061	25.198	25.736	25.195	278.7	3.827	.0	1494.9	233.9	62.5
130.0	129.5	10.706	10.690	33.029	25.295	25.880	25.293	269.5	4.101	.0	1492.5	273.3	48.9
140.0	139.4	10.223	10.207	33.054	25.398	26.029	25.395	259.9	4.365	.0	1491.0	315.5	69.3
150.0	149.4	9.830	9.813	33.124	25.519	26.196	25.516	248.5	4.622	.0	1489.8	360.2	198.6
160.0	159.3	9.398	9.380	33.198	25.647	26.371	25.644	236.4	4.867	.0	1488.5	407.4	203.8
170.0	169.3	9.144	9.126	33.258	25.735	26.505	25.732	228.2	5.098	.0	1487.8	456.9	36.3
180.0	179.2	8.892	8.873	33.367	25.859	26.675	25.856	216.5	5.321	.0	1487.1	508.8	26.3
190.0	189.1	8.800	8.781	33.452	25.940	26.802	25.937	208.9	5.534	.0	1487.0	562.7	55.3
200.0	199.1	8.751	8.730	33.508	25.993	26.900	25.990	204.2	5.740	.0	1487.1	618.8	117.4
210.0	209.0	8.665	8.643	33.622	26.096	27.048	26.092	194.6	5.939	.0	1487.1	676.8	58.5
220.0	219.0	8.599	8.576	33.690	26.159	27.157	26.155	188.7	6.131	.0	1487.1	736.8	89.3
230.0	228.9	8.545	8.521	33.771	26.230	27.273	26.227	182.1	6.317	.0	1487.1	798.7	77.6
240.0	238.8	8.326	8.301	33.839	26.318	27.407	26.314	174.0	6.494	.0	1486.6	862.3	76.9
250.0	248.8	8.230	8.205	33.893	26.374	27.510	26.371	168.7	6.665	.0	1486.4	927.7	47.1
260.0	258.7	8.186	8.159	33.939	26.417	27.598	26.413	164.8	6.832	.0	1486.5	994.8	19.5
270.0	268.6	8.114	8.087	33.969	26.451	27.678	26.447	161.7	6.995	.0	1486.4	1063.4	11.0
280.0	278.6	7.976	7.948	33.975	26.477	27.749	26.472	159.4	7.155	.0	1486.1	1133.7	29.2
290.0	288.5	7.804	7.775	33.981	26.507	27.825	26.502	156.7	7.313	.0	1485.6	1205.6	13.9
300.0	298.4	7.737	7.707	33.998	26.530	27.895	26.526	154.6	7.469	.0	1485.5	1279.0	39.7
310.0	308.4	7.719	7.689	34.036	26.563	27.973	26.558	151.7	7.622	.0	1485.6	1353.9	34.4
320.0	318.3	7.460	7.430	34.036	26.600	28.057	26.596	148.1	7.772	.0	1484.8	1430.3	32.6
330.0	328.2	7.451	7.419	34.053	26.614	28.117	26.610	147.0	7.919	.0	1484.9	1508.2	14.8
340.0	338.2	7.412	7.380	34.063	26.628	28.176	26.623	145.8	8.066	.0	1485.0	1587.6	23.5
350.0	348.1	6.992	6.960	34.019	26.652	28.249	26.647	143.3	8.211	.0	1483.4	1668.4	6.5
360.0	358.0	7.168	7.134	34.070	26.668	28.309	26.663	142.1	8.354	.0	1484.3	1750.6	17.1
370.0	367.9	7.156	7.121	34.082	26.679	28.366	26.674	141.3	8.495	.0	1484.5	1834.3	18.2
380.0	377.9	7.083	7.048	34.102	26.705	28.438	26.700	138.9	8.636	.0	1484.4	1919.3	30.2
390.0	387.8	6.994	6.957	34.107	26.721	28.500	26.716	137.5	8.774	.0	1484.2	2005.7	17.9
400.0	397.7	6.886	6.849	34.107	26.736	28.561	26.731	136.1	8.911	.0	1483.9	2093.4	12.4
410.0	407.6	6.785	6.747	34.113	26.754	28.626	26.749	134.4	9.046	.0	1483.7	2182.5	16.2
420.0	417.6	6.655	6.616	34.116	26.774	28.693	26.769	132.6	9.179	.0	1483.4	2273.0	30.8
430.0	427.5	6.543	6.504	34.118	26.791	28.756	26.785	131.1	9.311	.0	1483.1	2364.7	12.0
440.0	437.4	6.431	6.391	34.122	26.809	28.821	26.804	129.4	9.442	.0	1482.8	2457.8	19.9
450.0	447.3	6.335	6.295	34.126	26.824	28.883	26.819	128.0	9.571	.0	1482.6	2552.1	18.7
460.0	457.3	6.265	6.224	34.130	26.837	28.941	26.831	126.9	9.698	.0	1482.5	2647.7	13.2
470.0	467.2	6.173	6.132	34.133	26.851	29.003	26.846	125.5	9.824	.0	1482.3	2744.5	21.3
480.0	477.1	6.086	6.044	34.138	26.866	29.064	26.861	124.2	9.949	.0	1482.1	2842.6	14.9
490.0	487.0	5.976	5.933	34.147	26.887	29.132	26.882	122.2	10.072	.0	1481.8	2941.9	16.0
500.0	496.9	5.920	5.877	34.150	26.897	29.188	26.892	121.4	10.194	.0	1481.8	3042.4	28.3
510.0	506.9	5.873	5.829	34.158	26.909	29.246	26.904	120.3	10.315	.0	1481.8	3144.1	2.6
520.0	516.8	5.796	5.751	34.169	26.927	29.310	26.921	118.7	10.434	.0	1481.6	3247.0	12.2
530.0	526.7	5.685	5.640	34.182	26.951	29.381	26.945	116.4	10.552	.0	1481.4	3351.0	17.2
540.0	536.6	5.625	5.579	34.194	26.968	29.444	26.962	114.9	10.667	.0	1481.3	3456.2	15.1
550.0	546.5	5.542	5.496	34.204	26.986	29.510	26.980	113.2	10.781	.0	1481.1	3562.6	7.5
560.0	556.4	5.525	5.478	34.205	26.989	29.558	26.983	113.0	10.894	.0	1481.2	3670.0	-.7
570.0	566.3	5.488	5.440	34.210	26.997	29.613	26.992	112.3	11.007	.0	1481.3	3778.6	5.2
580.0	576.3	5.425	5.377	34.222	27.014	29.676	27.008	110.8	11.119	.0	1481.2	3888.3	11.0
590.0	586.2	5.365	5.316	34.231	27.029	29.737	27.023	109.4	11.229	.0	1481.1	3999.0	3.1
600.0	596.1	5.324	5.274	34.234	27.036	29.790	27.030	108.8	11.338	.0	1481.1	4110.9	16.0
610.0	606.0	5.277	5.227	34.246	27.051	29.852	27.045	107.4	11.446	.0	1481.1	4223.8	22.4
620.0	615.9	5.222	5.171	34.254	27.064	29.911	27.058	106.3	11.552	.0	1481.1	4337.8	1.6
630.0	625.8	5.184	5.133	34.261	27.074	29.967	27.068	105.4	11.658	.0	1481.1	4452.8	9.3
640.0	635.7	5.138	5.086	34.268	27.085	30.024	27.079	104.4	11.763	.0	1481.1	4568.9	2.8
650.0	645.6	5.080	5.027	34.276	27.098	30.085	27.092	103.2	11.867	.0	1481.0	4686.0	6.6
660.0	655.5	5.041	4.988	34.281	27.107	30.139	27.101	102.4	11.970	.0	1481.0	4804.1	11.6
670.0	665.5	5.017	4.963	34.289	27.116	30.195	27.110	101.7	12.072	.0	1481.1	4923.2	17.2
680.0	675.4	4.992	4.938	34.301	27.128	30.253	27.122	100.6	12.173	.0	1481.2	5043.3	9.0
690.0	685.3	4.958	4.902	34.310	27.139	30.310	27.133	99.6	12.273	.0	1481.2	5164.4	13.4
700.0	695.2	4.921	4.865	34.316	27.149	30.366	27.142	98.8	12.372	.0	1481.2	5286.4	6.9
710.0	705.1	4.882	4.826	34.319	27.156	30.419	27.149	98.2	12.471	.0	1481.2	5409.5	10.7
720.0	715.0	4.809	4.752	34.327	27.170	30.480	27.163	96.9	12.568	.0	1481.1	5533.5	10.1
730.0	724.9	4.739	4.681	34.331	27.181	30.538	27.175	95.8	12.664	.0	1481.0	5658.5	7.8
740.0	734.8	4.662	4.604	34.332	27.190	30.594	27.184	94.9	12.760	.0	1480.8	5784.4	15.4
750.0	744.7	4.592	4.533	34.332	27.198	30.649	27.192	94.1	12.854	.0	1480.7	5911.2	3.1
760.0	754.6	4.568	4.508	34.340	27.207	30.704	27.201	93.3	12.948	.0	1480.8	6039.0	5.1
770.0	764.5	4.543	4.483	34.347	27.215	30.758	27.209	92.6	13.041	.0	1480.8	6167.7	9.2
780.0	774.4	4.490	4.429	34.350	27.224	30.814	27.217	91.8	13.133	.0	1480.8	6297.3	4.9
790.0	784.3	4.452	4.391	34.358	27.234	30.871	27.228	90.9	13.224	.0	1480.8	6427.8	8.4
800.0	794.2	4.428	4.366	34.360	27.239	30.921	27.232	90.6	13.315	.0	1480.9	6559.2	3.7
810.0	804.1	4.403	4.340	34.364	27.244	30.973	27.237	90.1	13.406	.0	1480.9	6691.4	13.1
820.0	814.0	4.369	4.306	34.371	27.253	31.028	27.247	89.2	13.495	.0	1481.0	6824.6	5.7
830.0	823.9	4.379	4.315	34.384	27.263	31.083	27.256	88.5	13.584	.0	1481.2	6958.6	9.0
840.0	833.8	4.337	4.273	34.388	27.271	31.137	27.264	87.8	13.672	.0	1481.2	7093.5	1.9
850.0	843.7	4.285	4.220	34.386	27.275	31.188	27.268	87.4	13.760	.0	1481.1	7229.3	7.2
860.0	853.6	4.225	4.160	34.386	27.281	31.241	27.274	86.8	13.847	.0	1481.1	7365.9	8.4
870.0	863.5	4.206	4.140	34.396	27.291	31.297	27.284	85.9	13.933	.0	1481.1	7503.4	9.0
880.0	873.4	4.158	4.091	34.397	27.297	31.353	27.290	85.3	14.018	.0	1481.1	7641.7	1.1
890.0	883.3	4.117	4.049	34.398	27.303	31.402	27.296	84.8	14.104	.0	1481.1	7780.9	11.0
900.0	893.2	4.069	4.001	34.400	27.309	31.455	27.302	84.2	14.188	.0	1481.1	7920.9	-2.2
910.0	903.1	4.026	3.958	34.404	27.317	31.510	27.310	83.5	14.272	.0	1481.1	8061.7	.2
920.0	913.0	4.012	3.943	34.409	27.322	31.561	27.315	83.1	14.355	.0	1481.2	8203.3	2.8
930.0	922.9	3.969	3.899	34.411	27.328	31.613	27.321	82.5	14.438	.0	1481.2	8345.8	9.3
940.0	932.8	3.930	3.860	34.418	27.338	31.670	27.331	81.6	14.520	.0	1481.2	8489.0	7.2
950.0	942.7	3.910	3.839	34.424	27.344	31.722	27.337	81.0	14.601	.0	1481.3	8633.1	6.6
960.0	952.6	3.883	3.812	34.425	27.348	31.772	27.341	80.7	14.682	.0	1481.3	8777.9	.8
970.0	962.5	3.868	3.796	34.430	27.354	31.824	27.346	80.2	14.763	.0	1481.4	8923.6	1.4
980.0	972.3	3.872	3.799	34.437	27.359	31.874	27.351	79.8	14.843	.0	1481.6	9070.0	.5
990.0	982.2	3.869	3.795	34.443	27.364	31.925	27.356	79.4	14.922	.0	1481.8	9217.2	7.8

Station 51 Latitude 32° 33.71'N Longitude 126° 41.43'W 01 May 1991 GMT 5:53 Bottom 4340 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.847	3.772	34.447	27.369	31.977	27.362	79.0	15.002	.0	1481.9	9365.2	4.9
1020.0	1011.9	3.806	3.730	34.455	27.380	32.080	27.372	78.0	15.159	.0	1482.0	9663.5	7.6
1040.0	1031.7	3.729	3.652	34.464	27.395	32.188	27.387	76.6	15.313	.0	1482.0	9964.8	2.9
1060.0	1051.5	3.691	3.613	34.470	27.404	32.289	27.396	75.9	15.466	.0	1482.2	10269.1	4.9
1080.0	1071.2	3.646	3.566	34.478	27.415	32.392	27.407	74.9	15.617	.0	1482.4	10576.4	4.4
1100.0	1091.0	3.583	3.502	34.483	27.425	32.495	27.417	73.9	15.765	.0	1482.4	10886.7	2.6
1120.0	1110.8	3.546	3.464	34.487	27.432	32.594	27.424	73.4	15.912	.0	1482.6	11199.8	.3
1140.0	1130.6	3.527	3.444	34.494	27.440	32.693	27.431	72.8	16.059	.0	1482.9	11515.8	9.7
1160.0	1150.3	3.500	3.415	34.500	27.447	32.793	27.439	72.1	16.204	.0	1483.1	11834.6	5.0
1180.0	1170.1	3.444	3.358	34.501	27.454	32.892	27.445	71.5	16.347	.0	1483.2	12156.3	2.4
1200.0	1189.8	3.388	3.301	34.504	27.461	32.992	27.453	70.9	16.490	.0	1483.3	12480.8	2.4
1220.0	1209.6	3.371	3.282	34.511	27.468	33.091	27.460	70.3	16.631	.0	1483.6	12808.0	4.1
1240.0	1229.4	3.338	3.248	34.514	27.474	33.188	27.466	69.8	16.771	.0	1483.8	13138.0	8.2
1260.0	1249.1	3.309	3.217	34.517	27.479	33.285	27.471	69.4	16.910	.0	1484.0	13470.7	1.5
1280.0	1268.9	3.269	3.176	34.521	27.486	33.384	27.477	68.8	17.048	.0	1484.1	13806.1	6.8
1300.0	1288.6	3.220	3.126	34.525	27.494	33.485	27.485	68.1	17.185	.0	1484.3	14144.2	2.7
1320.0	1308.4	3.183	3.088	34.528	27.500	33.583	27.492	67.5	17.321	.0	1484.4	14484.9	2.7
1340.0	1328.1	3.146	3.050	34.531	27.506	33.681	27.497	67.0	17.455	.0	1484.6	14828.3	2.7
1360.0	1347.9	3.116	3.019	34.534	27.512	33.778	27.503	66.5	17.589	.0	1484.8	15174.3	.7
1380.0	1367.6	3.086	2.987	34.536	27.516	33.874	27.507	66.2	17.721	.0	1485.0	15522.8	3.9
1400.0	1387.3	3.040	2.940	34.540	27.524	33.974	27.514	65.4	17.853	.0	1485.2	15874.0	3.9
1420.0	1407.1	3.011	2.909	34.543	27.529	34.071	27.519	65.0	17.983	.0	1485.4	16227.7	4.0
1440.0	1426.8	2.974	2.872	34.545	27.533	34.168	27.524	64.6	18.113	.0	1485.6	16583.9	3.7
1460.0	1446.6	2.938	2.834	34.549	27.540	34.267	27.531	64.0	18.241	.0	1485.7	16942.7	6.9
1480.0	1466.3	2.905	2.800	34.552	27.545	34.364	27.536	63.5	18.369	.0	1485.9	17303.9	3.1
1500.0	1486.0	2.856	2.750	34.552	27.550	34.462	27.541	63.0	18.495	.0	1486.1	17667.6	.8
1520.0	1505.8	2.828	2.720	34.555	27.555	34.559	27.546	62.5	18.621	.0	1486.3	18033.8	1.4
1540.0	1525.5	2.795	2.686	34.559	27.562	34.657	27.552	62.0	18.745	.0	1486.5	18402.4	6.1
1560.0	1545.2	2.751	2.641	34.562	27.567	34.755	27.558	61.4	18.869	.0	1486.6	18773.3	1.4
1580.0	1564.9	2.738	2.626	34.567	27.573	34.851	27.563	61.0	18.991	.0	1486.9	19146.7	-2.1
1600.0	1584.7	2.717	2.604	34.568	27.576	34.946	27.566	60.7	19.113	.0	1487.1	19522.5	2.0
1620.0	1604.4	2.658	2.545	34.569	27.582	35.045	27.572	60.0	19.233	.0	1487.2	19900.6	1.4
1640.0	1624.1	2.630	2.514	34.571	27.586	35.141	27.576	59.7	19.353	.0	1487.4	20281.0	4.7
1660.0	1643.8	2.597	2.480	34.574	27.591	35.237	27.581	59.2	19.472	.0	1487.6	20663.8	3.5
1680.0	1663.5	2.566	2.448	34.576	27.596	35.334	27.586	58.7	19.590	.0	1487.8	21048.8	2.9
1700.0	1683.2	2.534	2.415	34.578	27.600	35.430	27.589	58.4	19.707	.0	1488.0	21436.2	3.2
1720.0	1702.9	2.512	2.392	34.583	27.606	35.528	27.596	57.8	19.823	.0	1488.3	21825.8	5.0
1740.0	1722.7	2.474	2.353	34.587	27.612	35.626	27.602	57.1	19.938	.0	1488.5	22217.6	1.8
1760.0	1742.4	2.446	2.323	34.590	27.617	35.723	27.607	56.7	20.052	.0	1488.7	22611.6	3.3
1780.0	1762.1	2.402	2.278	34.590	27.621	35.819	27.610	56.3	20.165	.0	1488.8	23007.9	1.8
1800.0	1781.8	2.385	2.260	34.593	27.625	35.914	27.615	55.9	20.277	.0	1489.1	23406.3	2.1
1820.0	1801.5	2.359	2.233	34.597	27.630	36.011	27.619	55.5	20.389	.0	1489.3	23806.9	3.0
1840.0	1821.2	2.339	2.210	34.599	27.633	36.105	27.623	55.2	20.499	.0	1489.6	24209.6	1.6
1860.0	1840.9	2.311	2.181	34.600	27.637	36.201	27.626	54.8	20.609	.0	1489.8	24614.5	1.9
1880.0	1860.6	2.283	2.152	34.601	27.640	36.295	27.629	54.5	20.719	.0	1490.0	25021.5	.1
1900.0	1880.3	2.240	2.108	34.605	27.647	36.394	27.636	53.8	20.827	.0	1490.1	25430.6	3.6
1920.0	1900.0	2.217	2.084	34.606	27.650	36.489	27.639	53.5	20.934	.0	1490.4	25841.8	1.3
1940.0	1919.7	2.198	2.064	34.609	27.653	36.583	27.643	53.2	21.041	.0	1490.6	26255.0	1.3
1960.0	1939.3	2.179	2.043	34.611	27.656	36.677	27.645	52.9	21.147	.0	1490.9	26670.3	1.9
1980.0	1959.0	2.153	2.016	34.613	27.660	36.773	27.649	52.5	21.253	.0	1491.1	27087.7	4.0
2000.0	1978.7	2.129	1.990	34.615	27.664	36.868	27.653	52.2	21.358	.0	1491.3	27507.0	4.9
2050.0	2027.9	2.075	1.933	34.620	27.672	37.104	27.661	51.4	21.617	.0	1492.0	28564.3	3.5
2096.0	2073.2	2.049	1.904	34.622	27.676	37.316	27.665	51.1	21.852	.0	1492.6	29547.9	.0

Station 52 Latitude 32° 19.47'N Longitude 126° 48.63'W 02 May 1991 GMT 8:40 Bottom 4265 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.050	15.050	33.157	24.541	24.541	24.541	338.4	.000	.0	1505.3	.0	.0
10.0	10.0	15.054	15.053	33.171	24.551	24.596	24.551	337.8	.338	.0	1505.5	1.7	-2.8
20.0	19.9	15.057	15.054	33.172	24.552	24.640	24.551	338.0	.676	.0	1505.7	6.7	-1.3
30.0	29.9	15.061	15.057	33.172	24.552	24.684	24.551	338.4	1.014	.0	1505.8	15.2	-.1
40.0	39.8	14.437	14.431	33.138	24.659	24.836	24.658	328.4	1.350	.0	1503.9	26.9	69.7
50.0	49.8	14.329	14.322	33.129	24.675	24.896	24.674	327.2	1.678	.0	1503.7	42.0	29.3
60.0	59.8	14.160	14.152	33.130	24.711	24.977	24.710	323.9	2.003	.0	1503.4	60.3	23.4
70.0	69.7	14.128	14.118	33.156	24.739	25.049	24.737	321.6	2.326	.0	1503.5	81.9	8.2
80.0	79.7	14.192	14.181	33.212	24.769	25.123	24.767	319.0	2.647	.0	1503.9	106.7	36.0
90.0	89.7	14.203	14.190	33.248	24.794	25.192	24.791	317.0	2.965	.0	1504.1	134.6	11.2
100.0	99.6	13.871	13.857	33.247	24.863	25.306	24.860	310.6	3.279	.0	1503.2	165.7	207.6
110.0	109.6	12.726	12.711	33.116	24.990	25.481	24.988	298.5	3.582	.0	1499.4	199.9	220.3
120.0	119.5	11.347	11.332	33.065	25.210	25.749	25.208	277.6	3.868	.0	1494.7	237.0	112.5
130.0	129.5	10.880	10.864	33.086	25.310	25.894	25.307	268.2	4.142	.0	1493.2	276.8	69.1
140.0	139.4	10.179	10.163	33.131	25.465	26.097	25.463	253.5	4.404	.0	1490.9	319.4	148.3
150.0	149.4	9.975	9.958	33.203	25.556	26.233	25.554	245.0	4.654	.0	1490.4	364.4	106.1
160.0	159.3	9.692	9.674	33.282	25.665	26.388	25.663	234.8	4.892	.0	1489.7	411.9	97.3
170.0	169.3	9.396	9.377	33.363	25.777	26.546	25.774	224.3	5.120	.0	1488.8	461.7	105.8
180.0	179.2	9.249	9.229	33.494	25.903	26.718	25.900	212.4	5.337	.0	1488.6	513.7	97.8
190.0	189.1	9.115	9.094	33.627	26.028	26.888	26.025	200.8	5.544	.0	1488.4	567.8	111.3
200.0	199.1	9.008	8.987	33.722	26.120	27.025	26.116	192.3	5.740	.0	1488.3	623.9	105.7
210.0	209.0	8.925	8.903	33.800	26.194	27.145	26.191	185.3	5.929	.0	1488.3	681.9	74.4
220.0	219.0	8.849	8.826	33.851	26.246	27.242	26.243	180.6	6.112	.0	1488.2	741.7	48.0
230.0	228.9	8.703	8.679	33.902	26.309	27.351	26.305	174.8	6.289	.0	1487.9	803.4	36.6
240.0	238.8	8.618	8.593	33.926	26.341	27.429	26.337	171.9	6.462	.0	1487.8	866.7	52.4
250.0	248.8	8.439	8.413	33.962	26.397	27.531	26.393	166.7	6.631	.0	1487.3	931.8	20.8
260.0	258.7	8.278	8.251	33.979	26.434	27.615	26.430	163.2	6.795	.0	1486.9	998.5	14.9
270.0	268.6	8.150	8.123	33.990	26.463	27.689	26.459	160.7	6.957	.0	1486.6	1066.8	37.7
280.0	278.6	7.960	7.932	34.000	26.499	27.771	26.495	157.3	7.116	.0	1486.0	1136.7	44.1
290.0	288.5	7.862	7.833	34.010	26.521	27.840	26.517	155.3	7.273	.0	1485.8	1208.1	37.9
300.0	298.4	7.722	7.692	34.029	26.556	27.921	26.552	152.1	7.426	.0	1485.5	1281.1	36.5
310.0	308.4	7.587	7.557	34.032	26.578	27.989	26.574	150.1	7.577	.0	1485.1	1355.6	11.8
320.0	318.3	7.366	7.335	34.028	26.606	28.064	26.602	147.5	7.726	.0	1484.4	1431.6	19.4
330.0	328.2	7.279	7.248	34.032	26.622	28.127	26.618	146.0	7.873	.0	1484.2	1509.0	22.3
340.0	338.2	7.179	7.147	34.038	26.641	28.192	26.637	144.3	8.018	.0	1484.0	1587.9	25.2
350.0	348.1	7.111	7.078	34.046	26.657	28.253	26.653	143.0	8.162	.0	1483.9	1668.3	12.9
360.0	358.0	7.001	6.968	34.054	26.678	28.321	26.674	141.0	8.304	.0	1483.7	1750.0	20.5
370.0	368.0	7.050	7.016	34.083	26.694	28.382	26.690	139.7	8.445	.0	1484.1	1833.1	22.9
380.0	377.9	7.074	7.039	34.100	26.705	28.437	26.700	138.9	8.584	.0	1484.3	1917.7	7.7
390.0	387.8	7.019	6.983	34.112	26.722	28.501	26.717	137.4	8.723	.0	1484.3	2003.5	20.0
400.0	397.7	6.988	6.951	34.123	26.735	28.559	26.730	136.3	8.859	.0	1484.4	2090.8	5.1
410.0	407.6	6.768	6.730	34.120	26.762	28.634	26.757	133.7	8.994	.0	1483.7	2179.4	44.6
420.0	417.6	6.650	6.611	34.121	26.779	28.698	26.774	132.1	9.127	.0	1483.4	2269.3	17.9
430.0	427.5	6.603	6.564	34.137	26.798	28.763	26.793	130.5	9.259	.0	1483.4	2360.5	27.0
440.0	437.4	6.382	6.343	34.134	26.825	28.837	26.820	127.9	9.389	.0	1482.6	2453.1	43.0
450.0	447.3	6.238	6.199	34.122	26.834	28.893	26.829	127.0	9.516	.0	1482.2	2546.8	18.1
460.0	457.3	6.348	6.307	34.166	26.854	28.958	26.849	125.3	9.643	.0	1482.9	2641.9	26.4
470.0	467.2	6.129	6.088	34.153	26.872	29.024	26.867	123.6	9.767	.0	1482.1	2738.2	9.3
480.0	477.1	6.005	5.963	34.163	26.896	29.095	26.891	121.3	9.890	.0	1481.8	2835.7	24.2
490.0	487.0	5.889	5.847	34.171	26.917	29.163	26.912	119.3	10.010	.0	1481.5	2934.4	15.1
500.0	496.9	5.804	5.761	34.172	26.928	29.220	26.923	118.3	10.129	.0	1481.3	3034.2	11.0
510.0	506.9	5.812	5.768	34.184	26.937	29.275	26.932	117.6	10.247	.0	1481.6	3135.3	10.2
520.0	516.8	5.906	5.861	34.214	26.949	29.331	26.944	116.7	10.364	.0	1482.1	3237.5	13.4
530.0	526.7	5.897	5.852	34.229	26.962	29.390	26.956	115.6	10.480	.0	1482.3	3340.9	9.3
540.0	536.6	5.896	5.849	34.251	26.980	29.453	26.974	114.1	10.595	.0	1482.5	3445.3	20.5
550.0	546.5	5.870	5.822	34.261	26.991	29.510	26.986	113.1	10.709	.0	1482.6	3551.0	8.2
560.0	556.4	5.844	5.796	34.269	27.000	29.565	26.994	112.4	10.822	.0	1482.6	3657.7	6.4
570.0	566.3	5.780	5.732	34.275	27.013	29.624	27.007	111.2	10.933	.0	1482.5	3765.6	16.7
580.0	576.3	5.754	5.705	34.278	27.019	29.676	27.013	110.8	11.044	.0	1482.6	3874.5	4.1
590.0	586.2	5.535	5.485	34.262	27.033	29.739	27.027	109.3	11.155	.0	1481.8	3984.5	17.2
600.0	596.1	5.468	5.417	34.258	27.038	29.791	27.032	108.8	11.264	.0	1481.7	4095.6	4.9
610.0	606.0	5.329	5.278	34.250	27.048	29.848	27.042	107.8	11.372	.0	1481.3	4207.8	5.5
620.0	615.9	5.369	5.317	34.273	27.062	29.907	27.056	106.7	11.479	.0	1481.7	4321.1	16.9
630.0	625.8	5.293	5.241	34.273	27.071	29.962	27.065	105.9	11.585	.0	1481.5	4435.4	8.4
640.0	635.7	5.207	5.155	34.274	27.081	30.020	27.075	104.9	11.691	.0	1481.4	4550.7	10.7
650.0	645.7	5.149	5.096	34.278	27.092	30.077	27.086	103.9	11.795	.0	1481.3	4667.1	4.0
660.0	655.6	5.104	5.050	34.289	27.106	30.138	27.100	102.6	11.898	.0	1481.3	4784.5	17.2
670.0	665.5	5.056	5.002	34.294	27.115	30.193	27.109	101.8	12.000	.0	1481.2	4902.9	17.8
680.0	675.4	4.853	4.799	34.290	27.135	30.262	27.129	99.7	12.101	.0	1480.6	5022.3	1.0
690.0	685.3	4.812	4.757	34.292	27.142	30.315	27.135	99.1	12.201	.0	1480.6	5142.7	13.6
700.0	695.2	4.763	4.708	34.291	27.146	30.366	27.140	98.7	12.300	.0	1480.5	5264.0	13.9
710.0	705.1	4.720	4.664	34.304	27.161	30.428	27.155	97.4	12.398	.0	1480.5	5386.4	5.1
720.0	715.0	4.713	4.657	34.308	27.165	30.478	27.159	97.1	12.495	.0	1480.7	5509.7	16.0
730.0	724.9	4.637	4.580	34.313	27.178	30.537	27.172	95.9	12.591	.0	1480.5	5633.9	9.5
740.0	734.8	4.630	4.572	34.321	27.185	30.590	27.179	95.3	12.687	.0	1480.7	5759.1	1.9
750.0	744.7	4.589	4.530	34.329	27.196	30.647	27.190	94.3	12.782	.0	1480.7	5885.2	10.7
760.0	754.6	4.580	4.521	34.330	27.198	30.695	27.192	94.2	12.876	.0	1480.8	6012.3	5.7
770.0	764.5	4.550	4.490	34.335	27.206	30.749	27.199	93.6	12.970	.0	1480.9	6140.2	1.0
780.0	774.4	4.483	4.422	34.348	27.223	30.813	27.216	91.9	13.062	.0	1480.8	6269.1	13.6
790.0	784.3	4.468	4.407	34.352	27.227	30.863	27.221	91.6	13.154	.0	1480.9	6398.9	2.8
800.0	794.2	4.381	4.319	34.353	27.238	30.921	27.231	90.5	13.245	.0	1480.7	6529.6	10.1
810.0	804.1	4.390	4.328	34.359	27.242	30.970	27.235	90.3	13.336	.0	1480.9	6661.2	9.0
820.0	814.0	4.380	4.317	34.371	27.253	31.027	27.246	89.3	13.425	.0	1481.0	6793.7	1.9
830.0	823.9	4.361	4.298	34.380	27.262	31.082	27.255	88.6	13.514	.0	1481.1	6927.0	2.5
840.0	833.8	4.307	4.242	34.383	27.270	31.137	27.263	87.8	13.602	.0	1481.1	7061.3	3.7
850.0	843.7	4.284	4.219	34.385	27.274	31.188	27.267	87.4	13.690	.0	1481.1	7196.3	13.4
860.0	853.6	4.209	4.143	34.391	27.287	31.248	27.280	86.2	13.777	.0	1481.0	7332.3	8.1
870.0	863.5	4.175	4.109	34.396	27.294	31.301	27.288	85.5	13.863	.0	1481.0	7469.1	9.0
880.0	873.4	4.150	4.083	34.400	27.301	31.354	27.294	85.0	13.948	.0	1481.1	7606.7	5.2
890.0	883.3	4.134	4.066	34.403	27.304	31.403	27.297	84.7	14.033	.0	1481.2	7745.1	7.8
900.0	893.2	4.099	4.031	34.410	27.314	31.459	27.306	83.8	14.117	.0	1481.2	7884.4	11.0
910.0	903.1	4.061	3.993	34.416	27.323	31.514	27.315	83.0	14.201	.0	1481.2	8024.5	5.2
920.0	913.0	4.038	3.969	34.420	27.328	31.566	27.321	82.6	14.283	.0	1481.3	8165.5	7.5
930.0	922.9	3.997	3.928	34.426	27.337	31.622	27.330	81.7	14.366	.0	1481.3	8307.2	4.0
940.0	932.8	3.968	3.898	34.427	27.341	31.671	27.333	81.4	14.447	.0	1481.3	8449.7	6.9
950.0	942.7	3.943	3.872	34.430	27.346	31.723	27.339	80.9	14.528	.0	1481.4	8593.1	9.3
960.0	952.6	3.924	3.852	34.435	27.352	31.775	27.344	80.4	14.609	.0	1481.5	8737.2	4.6
970.0	962.5	3.906	3.834	34.439	27.357	31.826	27.350	80.0	14.689	.0	1481.6	8882.1	5.2
980.0	972.4	3.886	3.813	34.444	27.363	31.878	27.356	79.4	14.769	.0	1481.7	9027.8	6.1
990.0	982.3	3.886	3.812	34.451	27.369	31.930	27.361	79.0	14.848	.0	1481.9	9174.3	.8

Station 52 Latitude 32° 19.47'N Longitude 126° 48.63'W 02 May 1991 GMT 8:40 Bottom 4265 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.849	3.775	34.451	27.373	31.980	27.365	78.7	14.927	.0	1481.9	9321.5	5.5
1020.0	1011.9	3.773	3.697	34.457	27.385	32.085	27.377	77.5	15.083	.0	1481.9	9618.3	5.5
1040.0	1031.7	3.750	3.673	34.459	27.389	32.182	27.382	77.2	15.237	.0	1482.1	9918.2	4.9
1060.0	1051.5	3.712	3.634	34.468	27.400	32.284	27.392	76.3	15.391	.0	1482.3	10221.0	3.8
1080.0	1071.3	3.688	3.608	34.472	27.406	32.382	27.398	75.9	15.543	.0	1482.5	10526.9	4.7
1100.0	1091.0	3.640	3.559	34.482	27.419	32.487	27.411	74.7	15.694	.0	1482.7	10835.7	9.1
1120.0	1110.8	3.593	3.511	34.485	27.426	32.587	27.418	74.1	15.842	.0	1482.8	11147.4	2.3
1140.0	1130.6	3.531	3.448	34.493	27.438	32.691	27.430	73.0	15.989	.0	1482.9	11462.0	1.2
1160.0	1150.3	3.499	3.414	34.495	27.443	32.789	27.435	72.5	16.134	.0	1483.1	11779.5	5.0
1180.0	1170.1	3.445	3.359	34.505	27.456	32.894	27.448	71.3	16.278	.0	1483.2	12099.8	4.7
1200.0	1189.9	3.392	3.305	34.511	27.466	32.997	27.458	70.4	16.420	.0	1483.3	12422.9	.3
1220.0	1209.6	3.361	3.272	34.512	27.471	33.093	27.462	70.1	16.560	.0	1483.5	12748.7	4.7
1240.0	1229.4	3.318	3.228	34.517	27.478	33.193	27.470	69.4	16.700	.0	1483.7	13077.3	1.2
1260.0	1249.1	3.277	3.186	34.518	27.483	33.290	27.475	68.9	16.838	.0	1483.8	13408.6	1.8
1280.0	1268.9	3.238	3.146	34.523	27.491	33.390	27.482	68.3	16.975	.0	1484.0	13742.6	5.6
1300.0	1288.6	3.211	3.118	34.526	27.496	33.486	27.487	67.9	17.111	.0	1484.2	14079.2	3.9
1320.0	1308.4	3.168	3.073	34.531	27.504	33.588	27.496	67.1	17.247	.0	1484.4	14418.5	8.3
1340.0	1328.1	3.136	3.040	34.534	27.510	33.685	27.501	66.6	17.380	.0	1484.6	14760.4	2.4
1360.0	1347.9	3.102	3.004	34.539	27.516	33.784	27.507	66.0	17.513	.0	1484.8	15104.9	5.1
1380.0	1367.6	3.072	2.974	34.541	27.521	33.880	27.512	65.6	17.645	.0	1485.0	15452.0	5.7
1400.0	1387.4	3.027	2.927	34.544	27.528	33.979	27.519	65.0	17.775	.0	1485.1	15801.7	3.3
1420.0	1407.1	2.990	2.889	34.547	27.533	34.077	27.524	64.5	17.905	.0	1485.3	16153.8	1.9
1440.0	1426.8	2.950	2.847	34.547	27.537	34.173	27.528	64.2	18.034	.0	1485.5	16508.5	3.4
1460.0	1446.6	2.907	2.803	34.550	27.544	34.272	27.535	63.5	18.161	.0	1485.6	16865.7	4.8
1480.0	1466.3	2.874	2.770	34.551	27.548	34.368	27.538	63.1	18.288	.0	1485.8	17225.4	3.1
1500.0	1486.1	2.825	2.719	34.554	27.554	34.467	27.545	62.5	18.414	.0	1485.9	17587.5	4.3
1520.0	1505.8	2.794	2.687	34.557	27.560	34.564	27.550	62.0	18.538	.0	1486.1	17952.0	4.6
1540.0	1525.5	2.760	2.652	34.561	27.566	34.662	27.556	61.4	18.661	.0	1486.3	18319.0	5.5
1560.0	1545.2	2.730	2.620	34.564	27.571	34.759	27.561	61.0	18.784	.0	1486.5	18688.3	4.3
1580.0	1565.0	2.697	2.586	34.567	27.576	34.857	27.567	60.5	18.905	.0	1486.7	19060.0	3.7
1600.0	1584.7	2.673	2.561	34.569	27.580	34.952	27.571	60.1	19.026	.0	1487.0	19434.1	1.7
1620.0	1604.4	2.651	2.537	34.571	27.583	35.047	27.574	59.9	19.146	.0	1487.2	19810.5	3.8
1640.0	1624.1	2.629	2.514	34.573	27.587	35.142	27.577	59.6	19.265	.0	1487.4	20189.2	-.9
1660.0	1643.8	2.592	2.475	34.575	27.592	35.239	27.582	59.0	19.384	.0	1487.6	20570.2	5.3
1680.0	1663.6	2.572	2.454	34.577	27.596	35.334	27.586	58.8	19.502	.0	1487.9	20953.5	.6
1700.0	1683.3	2.545	2.425	34.580	27.600	35.430	27.590	58.4	19.619	.0	1488.1	21339.1	-.6
1720.0	1703.0	2.517	2.397	34.583	27.605	35.527	27.595	57.9	19.735	.0	1488.3	21727.0	2.9
1740.0	1722.7	2.474	2.353	34.586	27.611	35.625	27.601	57.3	19.850	.0	1488.5	22117.1	1.2
1760.0	1742.4	2.454	2.331	34.588	27.615	35.720	27.604	57.0	19.965	.0	1488.7	22509.4	3.6
1780.0	1762.1	2.422	2.298	34.591	27.620	35.817	27.610	56.5	20.078	.0	1488.9	22903.9	.1
1800.0	1781.8	2.396	2.270	34.593	27.624	35.912	27.613	56.1	20.191	.0	1489.1	23300.6	3.3
1820.0	1801.5	2.365	2.238	34.595	27.628	36.008	27.618	55.7	20.302	.0	1489.3	23699.5	2.1
1840.0	1821.2	2.339	2.211	34.597	27.632	36.104	27.621	55.3	20.413	.0	1489.6	24100.6	1.6
1860.0	1840.9	2.311	2.181	34.601	27.637	36.201	27.627	54.8	20.523	.0	1489.8	24503.8	1.6
1880.0	1860.6	2.278	2.147	34.602	27.641	36.297	27.631	54.4	20.633	.0	1490.0	24909.1	5.1
1900.0	1880.3	2.251	2.119	34.605	27.646	36.393	27.635	54.0	20.741	.0	1490.2	25316.5	1.3
1920.0	1900.0	2.235	2.102	34.606	27.648	36.486	27.638	53.7	20.849	.0	1490.5	25726.0	1.0
1940.0	1919.7	2.211	2.076	34.608	27.652	36.581	27.641	53.4	20.956	.0	1490.7	26137.6	1.9
1960.0	1939.4	2.186	2.050	34.611	27.656	36.676	27.645	53.0	21.062	.0	1490.9	26551.2	1.6
1980.0	1959.1	2.166	2.029	34.613	27.659	36.771	27.648	52.7	21.168	.0	1491.2	26966.9	1.7
2000.0	1978.7	2.143	2.005	34.615	27.663	36.866	27.652	52.3	21.273	.0	1491.4	27384.6	1.7
2050.0	2027.9	2.095	1.953	34.619	27.670	37.101	27.659	51.6	21.533	.0	1492.0	28437.7	-.1
2096.0	2073.2	2.053	1.907	34.623	27.677	37.317	27.666	51.0	21.769	.0	1492.6	29417.6	.0

Station 53 Latitude 32° 12.03'N Longitude 126° 52.66'W 02 May 1991 GMT 10:56 Bottom 3785 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.901	14.901	33.158	24.574	24.574	24.574	335.3	.000	.0	1504.8	.0	.0
10.0	10.0	14.903	14.901	33.162	24.577	24.621	24.577	335.3	.335	.0	1505.0	1.7	.4
20.0	19.9	14.898	14.895	33.161	24.578	24.667	24.578	335.5	.671	.0	1505.1	6.7	1.3
30.0	29.9	14.865	14.861	33.161	24.585	24.718	24.584	335.2	1.006	.0	1505.2	15.0	50.8
40.0	39.8	14.315	14.310	33.131	24.679	24.856	24.678	326.5	1.336	.0	1503.5	26.7	27.2
50.0	49.8	14.148	14.141	33.126	24.711	24.933	24.709	323.7	1.662	.0	1503.2	41.6	43.6
60.0	59.8	14.007	13.998	33.120	24.736	25.002	24.734	321.6	1.984	.0	1502.8	59.8	14.3
70.0	69.7	13.966	13.956	33.122	24.746	25.056	24.743	321.0	2.306	.0	1502.9	81.2	15.8
80.0	79.7	13.866	13.855	33.114	24.760	25.115	24.758	319.8	2.626	.0	1502.7	105.7	8.5
90.0	89.7	13.855	13.842	33.121	24.768	25.167	24.766	319.4	2.945	.0	1502.8	133.5	2.0
100.0	99.6	13.746	13.732	33.118	24.789	25.233	24.786	317.6	3.264	.0	1502.6	164.4	41.8
110.0	109.6	13.609	13.593	33.117	24.816	25.305	24.813	315.3	3.581	.0	1502.3	198.5	68.5
120.0	119.5	12.951	12.935	33.090	24.927	25.461	24.924	304.9	3.892	.0	1500.3	235.7	189.6
130.0	129.5	11.773	11.757	33.094	25.155	25.737	25.152	283.2	4.187	.0	1496.4	275.9	297.7
140.0	139.4	10.674	10.658	33.129	25.379	26.009	25.376	261.8	4.461	.0	1492.7	319.0	116.8
150.0	149.4	10.430	10.413	33.177	25.459	26.135	25.456	254.3	4.720	.0	1492.1	364.7	147.2
160.0	159.3	9.880	9.862	33.251	25.610	26.332	25.607	240.1	4.967	.0	1490.3	412.8	272.2
170.0	169.3	9.376	9.358	33.390	25.801	26.570	25.798	222.0	5.196	.0	1488.8	463.4	124.2
180.0	179.2	9.219	9.199	33.506	25.917	26.731	25.914	211.2	5.413	.0	1488.5	516.2	115.7
190.0	189.2	9.124	9.104	33.561	25.975	26.835	25.972	205.8	5.622	.0	1488.4	571.0	45.1
200.0	199.1	8.997	8.976	33.694	26.100	27.005	26.097	194.1	5.824	.0	1488.3	627.9	168.7
210.0	209.0	8.892	8.870	33.775	26.179	27.131	26.176	186.7	6.015	.0	1488.1	686.8	143.2
220.0	219.0	8.759	8.736	33.861	26.268	27.264	26.264	178.5	6.198	.0	1487.9	747.5	87.0
230.0	228.9	8.615	8.591	33.914	26.332	27.374	26.328	172.6	6.372	.0	1487.6	809.9	61.5
240.0	238.9	8.436	8.411	33.952	26.389	27.478	26.385	167.3	6.542	.0	1487.1	874.1	74.0
250.0	248.8	8.227	8.201	33.978	26.442	27.577	26.438	162.3	6.707	.0	1486.5	939.9	43.8
260.0	258.7	8.147	8.121	33.989	26.462	27.643	26.458	160.5	6.869	.0	1486.4	1007.4	57.6
270.0	268.7	8.006	7.979	34.001	26.492	27.719	26.488	157.8	7.028	.0	1486.0	1076.4	6.9
280.0	278.6	7.914	7.886	34.013	26.516	27.789	26.512	155.7	7.185	.0	1485.9	1147.0	59.9
290.0	288.5	7.793	7.765	34.022	26.540	27.859	26.536	153.5	7.339	.0	1485.6	1219.1	1.6
300.0	298.5	7.692	7.663	34.025	26.557	27.922	26.553	152.0	7.492	.0	1485.3	1292.8	27.1
310.0	308.4	7.617	7.587	34.044	26.583	27.994	26.579	149.7	7.643	.0	1485.2	1367.9	31.2
320.0	318.3	7.448	7.417	34.043	26.607	28.065	26.603	147.4	7.792	.0	1484.8	1444.5	55.2
330.0	328.2	7.347	7.315	34.048	26.625	28.129	26.621	145.8	7.938	.0	1484.5	1522.6	12.4
340.0	338.2	7.310	7.278	34.069	26.647	28.197	26.643	143.9	8.083	.0	1484.6	1602.2	7.7
350.0	348.1	7.263	7.229	34.070	26.655	28.250	26.650	143.3	8.226	.0	1484.6	1683.1	9.2
360.0	358.0	7.186	7.151	34.080	26.673	28.314	26.669	141.7	8.369	.0	1484.4	1765.5	42.0
370.0	368.0	7.031	6.996	34.084	26.698	28.386	26.693	139.3	8.509	.0	1484.0	1849.3	8.3
380.0	377.9	6.853	6.818	34.084	26.722	28.457	26.717	137.1	8.647	.0	1483.5	1934.4	12.0
390.0	387.8	6.826	6.790	34.092	26.732	28.513	26.727	136.3	8.784	.0	1483.5	2021.0	18.5
400.0	397.7	6.646	6.609	34.099	26.762	28.590	26.757	133.4	8.919	.0	1483.0	2108.8	13.5
410.0	407.7	6.580	6.543	34.103	26.774	28.647	26.769	132.4	9.052	.0	1482.9	2198.0	5.9
420.0	417.6	6.453	6.416	34.107	26.794	28.715	26.789	130.5	9.183	.0	1482.6	2288.5	7.3
430.0	427.5	6.389	6.351	34.105	26.801	28.767	26.796	130.0	9.314	.0	1482.5	2380.2	13.7
440.0	437.4	6.286	6.247	34.114	26.821	28.835	26.816	128.1	9.442	.0	1482.2	2473.3	9.0
450.0	447.4	6.155	6.116	34.117	26.840	28.901	26.835	126.3	9.570	.0	1481.9	2567.6	7.5
460.0	457.3	6.169	6.128	34.132	26.851	28.956	26.846	125.5	9.696	.0	1482.1	2663.2	10.5
470.0	467.2	6.069	6.028	34.138	26.868	29.020	26.863	123.9	9.820	.0	1481.9	2760.0	27.8
480.0	477.1	5.994	5.952	34.142	26.881	29.080	26.875	122.7	9.943	.0	1481.7	2858.0	8.1
490.0	487.0	5.935	5.893	34.145	26.890	29.136	26.885	121.9	10.066	.0	1481.7	2957.2	24.2
500.0	497.0	5.790	5.747	34.153	26.915	29.207	26.910	119.6	10.186	.0	1481.3	3057.7	14.8
510.0	506.9	5.686	5.643	34.154	26.929	29.268	26.924	118.3	10.305	.0	1481.0	3159.3	11.6
520.0	516.8	5.627	5.583	34.156	26.938	29.324	26.933	117.4	10.423	.0	1480.9	3262.1	10.1
530.0	526.7	5.431	5.387	34.158	26.963	29.397	26.958	115.0	10.540	.0	1480.3	3366.0	41.7
540.0	536.6	5.428	5.383	34.175	26.976	29.456	26.971	113.8	10.654	.0	1480.5	3471.1	21.8
550.0	546.5	5.357	5.312	34.181	26.990	29.516	26.985	112.6	10.767	.0	1480.4	3577.3	8.6
560.0	556.5	5.411	5.365	34.213	27.008	29.580	27.003	111.0	10.879	.0	1480.8	3684.6	8.7
570.0	566.4	5.350	5.302	34.222	27.023	29.640	27.018	109.7	10.990	.0	1480.7	3793.1	30.0
580.0	576.3	5.189	5.142	34.222	27.042	29.708	27.037	107.8	11.098	.0	1480.2	3902.5	16.5
590.0	586.2	5.177	5.129	34.238	27.057	29.768	27.051	106.5	11.205	.0	1480.4	4013.1	6.0
600.0	596.1	5.241	5.192	34.255	27.062	29.818	27.056	106.2	11.312	.0	1480.8	4124.7	1.3
610.0	606.0	5.424	5.373	34.296	27.073	29.872	27.067	105.6	11.418	.0	1481.8	4237.3	13.1
620.0	615.9	5.275	5.224	34.288	27.085	29.931	27.079	104.4	11.523	.0	1481.3	4351.0	13.7
630.0	625.8	5.140	5.088	34.283	27.097	29.991	27.091	103.2	11.627	.0	1480.9	4465.8	15.7
640.0	635.8	5.285	5.232	34.320	27.110	30.047	27.103	102.3	11.730	.0	1481.7	4581.5	12.8
650.0	645.7	5.323	5.269	34.339	27.120	30.102	27.113	101.6	11.832	.0	1482.1	4698.2	14.9
660.0	655.6	5.270	5.215	34.345	27.131	30.160	27.125	100.5	11.933	.0	1482.0	4816.0	5.5
670.0	665.5	5.223	5.167	34.353	27.143	30.218	27.136	99.5	12.033	.0	1482.0	4934.7	11.1
680.0	675.4	5.131	5.076	34.356	27.156	30.278	27.150	98.2	12.132	.0	1481.8	5054.4	8.1
690.0	685.3	5.068	5.011	34.354	27.162	30.331	27.156	97.7	12.230	.0	1481.7	5175.1	12.8
700.0	695.2	4.994	4.937	34.355	27.171	30.386	27.164	96.8	12.327	.0	1481.6	5296.8	10.5
710.0	705.1	4.916	4.859	34.356	27.181	30.443	27.174	95.9	12.424	.0	1481.4	5419.3	13.4
720.0	715.0	4.887	4.830	34.360	27.188	30.496	27.181	95.3	12.519	.0	1481.5	5542.9	3.4
730.0	724.9	4.834	4.776	34.362	27.195	30.550	27.189	94.6	12.614	.0	1481.4	5667.4	8.4
740.0	734.8	4.787	4.728	34.359	27.198	30.600	27.192	94.4	12.709	.0	1481.4	5792.8	2.8
750.0	744.7	4.712	4.653	34.363	27.209	30.658	27.203	93.3	12.803	.0	1481.2	5919.1	14.0
760.0	754.6	4.632	4.573	34.366	27.221	30.716	27.214	92.2	12.895	.0	1481.1	6046.4	5.2
770.0	764.5	4.614	4.553	34.381	27.235	30.776	27.228	91.0	12.987	.0	1481.2	6174.5	20.1
780.0	774.4	4.550	4.489	34.376	27.238	30.826	27.231	90.7	13.078	.0	1481.1	6303.6	3.1
790.0	784.3	4.424	4.363	34.371	27.248	30.885	27.241	89.6	13.168	.0	1480.7	6433.5	16.9
800.0	794.2	4.357	4.296	34.371	27.255	30.939	27.248	88.9	13.257	.0	1480.6	6564.3	4.5
810.0	804.1	4.331	4.269	34.381	27.266	30.996	27.259	87.9	13.346	.0	1480.7	6696.0	3.4
820.0	814.0	4.305	4.243	34.393	27.278	31.054	27.271	86.9	13.433	.0	1480.7	6828.6	18.6
830.0	823.9	4.277	4.214	34.402	27.289	31.111	27.282	85.9	13.520	.0	1480.8	6962.0	8.4
840.0	833.8	4.242	4.178	34.404	27.293	31.162	27.287	85.5	13.605	.0	1480.8	7096.3	3.7
850.0	843.7	4.231	4.166	34.403	27.294	31.208	27.287	85.5	13.691	.0	1480.9	7231.4	1.9
860.0	853.6	4.203	4.138	34.409	27.302	31.262	27.295	84.8	13.776	.0	1481.0	7367.3	6.3
870.0	863.5	4.173	4.107	34.414	27.309	31.316	27.302	84.2	13.861	.0	1481.0	7504.1	3.7
880.0	873.4	4.140	4.073	34.418	27.316	31.369	27.309	83.5	13.944	.0	1481.1	7641.7	12.2
890.0	883.3	4.089	4.022	34.418	27.321	31.421	27.314	83.0	14.028	.0	1481.0	7780.1	1.9
900.0	893.2	4.089	4.021	34.419	27.322	31.468	27.315	83.0	14.111	.0	1481.2	7919.3	.2
910.0	903.1	4.053	3.984	34.426	27.331	31.523	27.324	82.2	14.193	.0	1481.2	8059.4	7.2
920.0	913.0	4.028	3.959	34.427	27.334	31.573	27.327	81.9	14.275	.0	1481.3	8200.2	1.4
930.0	922.9	3.993	3.923	34.431	27.342	31.627	27.335	81.2	14.357	.0	1481.3	8341.9	4.3
940.0	932.8	3.972	3.902	34.434	27.346	31.677	27.339	80.9	14.438	.0	1481.4	8484.3	2.8
950.0	942.7	3.924	3.854	34.438	27.354	31.732	27.347	80.1	14.518	.0	1481.3	8627.5	11.0
960.0	952.6	3.918	3.846	34.439	27.356	31.779	27.349	80.0	14.598	.0	1481.5	8771.6	4.6
970.0	962.5	3.912	3.839	34.442	27.359	31.828	27.352	79.8	14.678	.0	1481.6	8916.4	2.8
980.0	972.4	3.896	3.822	34.448	27.365	31.880	27.358	79.3	14.758	.0	1481.7	9062.0	2.3
990.0	982.3	3.865	3.792	34.449	27.369	31.931	27.362	78.9	14.837	.0	1481.8	9208.3	4.0

Station 53 Latitude 32° 12.03'N Longitude 126° 52.66'W 02 May 1991 GMT 10:56 Bottom 3785 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.828	3.754	34.456	27.378	31.986	27.371	78.1	14.915	.0	1481.8	9355.5	3.4
1020.0	1011.9	3.780	3.704	34.461	27.388	32.088	27.380	77.3	15.071	.0	1481.9	9652.0	5.8
1040.0	1031.7	3.737	3.660	34.466	27.396	32.189	27.389	76.5	15.225	.0	1482.1	9951.7	2.9
1060.0	1051.5	3.675	3.597	34.473	27.408	32.293	27.400	75.5	15.377	.0	1482.2	10254.2	5.2
1080.0	1071.3	3.660	3.580	34.475	27.411	32.388	27.403	75.3	15.528	.0	1482.4	10559.8	7.9
1100.0	1091.0	3.619	3.538	34.480	27.419	32.488	27.411	74.6	15.678	.0	1482.6	10868.3	3.5
1120.0	1110.8	3.569	3.487	34.485	27.428	32.590	27.420	73.8	15.826	.0	1482.7	11179.7	.9
1140.0	1130.6	3.557	3.474	34.486	27.430	32.683	27.422	73.7	15.974	.0	1483.0	11494.0	2.9
1160.0	1150.3	3.470	3.385	34.494	27.445	32.791	27.437	72.3	16.120	.0	1483.0	11811.2	11.4
1180.0	1170.1	3.424	3.338	34.501	27.455	32.894	27.447	71.4	16.263	.0	1483.1	12131.2	1.8
1200.0	1189.9	3.375	3.288	34.506	27.464	32.995	27.456	70.5	16.406	.0	1483.2	12454.0	7.9
1220.0	1209.6	3.317	3.229	34.511	27.474	33.098	27.465	69.6	16.546	.0	1483.3	12779.6	4.1
1240.0	1229.4	3.302	3.213	34.513	27.476	33.192	27.468	69.5	16.685	.0	1483.6	13107.9	.9
1260.0	1249.1	3.253	3.163	34.518	27.485	33.293	27.476	68.7	16.823	.0	1483.7	13438.9	2.4
1280.0	1268.9	3.227	3.135	34.520	27.490	33.389	27.481	68.3	16.960	.0	1484.0	13772.6	4.2
1300.0	1288.7	3.206	3.112	34.525	27.496	33.487	27.487	67.8	17.097	.0	1484.2	14108.9	4.5
1320.0	1308.4	3.151	3.057	34.527	27.502	33.586	27.493	67.2	17.232	.0	1484.3	14447.9	1.8
1340.0	1328.2	3.112	3.016	34.536	27.514	33.690	27.505	66.2	17.365	.0	1484.5	14789.5	2.1
1360.0	1347.9	3.082	2.985	34.539	27.519	33.787	27.510	65.7	17.497	.0	1484.7	15133.7	4.2
1380.0	1367.6	3.039	2.941	34.544	27.527	33.887	27.518	65.0	17.627	.0	1484.8	15480.5	5.4
1400.0	1387.4	2.979	2.879	34.549	27.536	33.989	27.527	64.0	17.756	.0	1484.9	15829.8	3.0
1420.0	1407.1	2.970	2.869	34.550	27.538	34.082	27.528	64.0	17.885	.0	1485.2	16181.6	2.8
1440.0	1426.9	2.924	2.821	34.553	27.544	34.181	27.535	63.4	18.012	.0	1485.4	16535.8	.7
1460.0	1446.6	2.907	2.804	34.554	27.546	34.275	27.537	63.2	18.138	.0	1485.6	16892.6	2.2
1480.0	1466.3	2.880	2.775	34.555	27.551	34.371	27.541	62.9	18.264	.0	1485.8	17251.8	3.1
1500.0	1486.1	2.859	2.753	34.557	27.554	34.466	27.545	62.6	18.390	.0	1486.1	17613.4	7.2
1520.0	1505.8	2.831	2.724	34.560	27.559	34.562	27.549	62.3	18.515	.0	1486.3	17977.5	1.1
1540.0	1525.5	2.780	2.671	34.563	27.566	34.662	27.556	61.5	18.639	.0	1486.4	18344.0	4.9
1560.0	1545.3	2.743	2.633	34.565	27.571	34.759	27.561	61.0	18.761	.0	1486.6	18712.9	2.0
1580.0	1565.0	2.707	2.596	34.567	27.576	34.856	27.566	60.5	18.882	.0	1486.8	19084.1	2.6
1600.0	1584.7	2.669	2.557	34.571	27.582	34.954	27.573	59.9	19.003	.0	1486.9	19457.8	4.6
1620.0	1604.4	2.647	2.533	34.572	27.585	35.049	27.575	59.7	19.123	.0	1487.2	19833.7	3.2
1640.0	1624.1	2.612	2.497	34.575	27.590	35.146	27.581	59.2	19.242	.0	1487.4	20211.9	3.8
1660.0	1643.8	2.572	2.456	34.579	27.597	35.245	27.587	58.5	19.360	.0	1487.5	20592.5	3.5
1680.0	1663.6	2.540	2.423	34.582	27.602	35.342	27.592	58.1	19.476	.0	1487.7	20975.3	2.6
1700.0	1683.3	2.512	2.393	34.584	27.606	35.438	27.596	57.7	19.592	.0	1487.9	21360.4	-.9
1720.0	1703.0	2.489	2.368	34.585	27.610	35.533	27.600	57.4	19.707	.0	1488.2	21747.7	2.1
1740.0	1722.7	2.459	2.338	34.588	27.614	35.629	27.604	56.9	19.822	.0	1488.4	22137.3	3.2
1760.0	1742.4	2.427	2.305	34.590	27.618	35.725	27.608	56.5	19.935	.0	1488.6	22529.0	2.4
1780.0	1762.1	2.397	2.273	34.593	27.624	35.822	27.613	56.0	20.048	.0	1488.8	22923.0	2.1
1800.0	1781.8	2.368	2.243	34.597	27.629	35.919	27.619	55.5	20.159	.0	1489.0	23319.1	2.1
1820.0	1801.5	2.347	2.220	34.598	27.632	36.013	27.621	55.3	20.270	.0	1489.3	23717.4	.7
1840.0	1821.2	2.315	2.187	34.600	27.636	36.109	27.626	54.8	20.380	.0	1489.5	24117.8	5.1
1860.0	1840.9	2.286	2.157	34.603	27.641	36.206	27.630	54.3	20.489	.0	1489.7	24520.3	6.3
1880.0	1860.6	2.255	2.124	34.606	27.646	36.303	27.635	53.8	20.597	.0	1489.9	24924.9	.7
1900.0	1880.3	2.231	2.100	34.608	27.649	36.397	27.639	53.5	20.705	.0	1490.1	25331.6	2.5
1920.0	1900.0	2.208	2.075	34.609	27.652	36.492	27.642	53.2	20.811	.0	1490.3	25740.4	-.7
1940.0	1919.7	2.184	2.050	34.611	27.656	36.586	27.645	52.9	20.917	.0	1490.6	26151.2	2.2
1960.0	1939.4	2.155	2.019	34.613	27.660	36.683	27.649	52.4	21.023	.0	1490.8	26564.1	4.6
1980.0	1959.1	2.135	1.998	34.614	27.663	36.776	27.652	52.2	21.128	.0	1491.0	26979.0	3.1
2000.0	1978.8	2.111	1.973	34.617	27.667	36.872	27.656	51.8	21.232	.0	1491.3	27395.9	3.4
2050.0	2028.0	2.067	1.926	34.620	27.674	37.106	27.662	51.2	21.490	.0	1491.9	28446.9	2.9
2098.0	2075.2	2.017	1.872	34.627	27.683	37.334	27.671	50.3	21.733	.0	1492.5	29467.5	.0

Station 54 Latitude 32° 08.39'N Longitude 126° 54.09'W 02 May 1991 GMT 13:00 Bottom 2075 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.913	14.913	33.180	24.589	24.589	24.589	333.9	.000	.0	1504.9	.0	.0
10.0	10.0	14.925	14.924	33.179	24.586	24.630	24.585	334.5	.334	.0	1505.1	1.7	-5.5
20.0	19.9	14.924	14.920	33.179	24.586	24.675	24.586	334.8	.669	.0	1505.2	6.7	3.3
30.0	29.9	14.840	14.836	33.173	24.600	24.732	24.599	333.8	1.004	.0	1505.1	15.0	145.3
40.0	39.8	14.217	14.212	33.134	24.702	24.879	24.701	324.3	1.330	.0	1503.2	26.6	12.9
50.0	49.8	14.069	14.062	33.121	24.723	24.945	24.722	322.5	1.653	.0	1502.9	41.5	9.3
60.0	59.8	13.976	13.968	33.132	24.751	25.018	24.750	320.1	1.975	.0	1502.8	59.6	48.0
70.0	69.7	13.813	13.803	33.110	24.768	25.078	24.766	318.8	2.294	.0	1502.4	80.8	-.3
80.0	79.7	13.765	13.754	33.112	24.779	25.134	24.777	318.0	2.613	.0	1502.4	105.3	33.9
90.0	89.7	13.598	13.585	33.126	24.825	25.225	24.823	313.9	2.929	.0	1502.0	132.9	62.6
100.0	99.6	13.370	13.357	33.112	24.860	25.305	24.858	310.8	3.240	.0	1501.4	163.6	23.3
110.0	109.6	12.881	12.867	33.107	24.954	25.444	24.951	302.1	3.546	.0	1499.9	197.4	39.9
120.0	119.5	12.362	12.347	33.144	25.083	25.619	25.080	289.9	3.845	.0	1498.3	234.2	361.9
130.0	129.5	10.974	10.959	33.102	25.305	25.889	25.303	268.7	4.121	.0	1493.6	273.8	71.8
140.0	139.4	10.464	10.448	33.090	25.385	26.015	25.382	261.2	4.385	.0	1491.9	316.2	40.3
150.0	149.4	9.896	9.879	33.187	25.557	26.234	25.554	244.9	4.640	.0	1490.1	361.1	157.9
160.0	159.3	9.734	9.716	33.279	25.656	26.379	25.653	235.6	4.881	.0	1489.8	408.4	79.8
170.0	169.3	9.560	9.542	33.327	25.722	26.490	25.719	229.6	5.115	.0	1489.4	458.1	59.8
180.0	179.2	9.234	9.215	33.447	25.869	26.683	25.865	215.7	5.340	.0	1488.5	510.1	282.6
190.0	189.1	9.131	9.110	33.548	25.964	26.824	25.961	206.8	5.551	.0	1488.4	564.3	86.4
200.0	199.1	9.047	9.026	33.625	26.038	26.943	26.034	200.0	5.754	.0	1488.4	620.5	81.4
210.0	209.0	8.969	8.946	33.742	26.142	27.092	26.138	190.4	5.948	.0	1488.4	678.6	25.2
220.0	219.0	8.859	8.836	33.781	26.190	27.186	26.186	186.0	6.137	.0	1488.2	738.7	121.5
230.0	228.9	8.726	8.701	33.847	26.263	27.305	26.259	179.2	6.319	.0	1487.9	800.6	50.7
240.0	238.9	8.670	8.645	33.926	26.333	27.420	26.329	172.7	6.496	.0	1488.0	864.3	22.8
250.0	248.8	8.524	8.498	33.943	26.369	27.503	26.365	169.4	6.667	.0	1487.6	929.7	64.7
260.0	258.7	8.255	8.229	33.976	26.436	27.616	26.432	163.1	6.833	.0	1486.8	996.7	47.1
270.0	268.7	8.152	8.125	33.990	26.463	27.689	26.458	160.7	6.995	.0	1486.6	1065.4	40.0
280.0	278.6	8.051	8.023	33.998	26.484	27.756	26.480	158.8	7.155	.0	1486.4	1135.7	38.3
290.0	288.5	7.906	7.878	34.017	26.520	27.838	26.516	155.5	7.312	.0	1486.0	1207.5	24.8
300.0	298.5	7.714	7.685	34.029	26.558	27.922	26.553	152.0	7.465	.0	1485.4	1280.9	6.3
310.0	308.4	7.590	7.560	34.042	26.586	27.997	26.582	149.4	7.616	.0	1485.1	1355.8	24.7
320.0	318.3	7.349	7.319	34.037	26.616	28.074	26.612	146.5	7.764	.0	1484.4	1432.2	19.7
330.0	328.2	7.263	7.232	34.035	26.627	28.131	26.623	145.6	7.910	.0	1484.2	1510.0	13.0
340.0	338.2	7.060	7.028	34.041	26.660	28.211	26.655	142.5	8.055	.0	1483.6	1589.3	17.6
350.0	348.1	7.000	6.967	34.039	26.666	28.264	26.662	142.0	8.197	.0	1483.5	1669.9	21.1
360.0	358.0	6.883	6.850	34.045	26.687	28.331	26.683	140.1	8.338	.0	1483.2	1752.0	3.8
370.0	368.0	6.864	6.830	34.044	26.690	28.379	26.685	140.0	8.478	.0	1483.3	1835.5	7.9
380.0	377.9	6.734	6.699	34.052	26.713	28.449	26.708	137.9	8.617	.0	1482.9	1920.4	25.8
390.0	387.8	6.718	6.682	34.069	26.729	28.510	26.724	136.5	8.754	.0	1483.1	2006.6	36.6
400.0	397.7	6.666	6.629	34.074	26.740	28.568	26.735	135.5	8.890	.0	1483.0	2094.1	13.8
410.0	407.7	6.516	6.480	34.074	26.760	28.634	26.755	133.7	9.025	.0	1482.6	2183.0	18.4
420.0	417.6	6.376	6.339	34.070	26.775	28.696	26.770	132.3	9.158	.0	1482.2	2273.2	24.6
430.0	427.5	6.298	6.260	34.085	26.797	28.765	26.792	130.3	9.288	.0	1482.1	2364.8	1.7
440.0	437.4	6.107	6.069	34.082	26.819	28.834	26.814	128.1	9.418	.0	1481.5	2457.6	31.5
450.0	447.4	5.923	5.884	34.076	26.837	28.900	26.832	126.4	9.545	.0	1480.9	2551.7	20.1
460.0	457.3	5.845	5.806	34.091	26.859	28.969	26.854	124.3	9.670	.0	1480.8	2647.0	17.1
470.0	467.2	5.822	5.782	34.109	26.876	29.031	26.871	122.9	9.794	.0	1480.8	2743.5	12.5
480.0	477.1	5.818	5.777	34.119	26.885	29.086	26.879	122.1	9.917	.0	1481.0	2841.3	11.0
490.0	487.0	5.733	5.692	34.130	26.904	29.152	26.899	120.4	10.038	.0	1480.8	2940.3	19.5
500.0	497.0	5.665	5.623	34.133	26.915	29.209	26.910	119.4	10.158	.0	1480.7	3040.4	7.5
510.0	506.9	5.593	5.551	34.134	26.924	29.264	26.919	118.6	10.276	.0	1480.6	3141.8	9.5
520.0	516.8	5.458	5.415	34.145	26.949	29.337	26.944	116.2	10.394	.0	1480.2	3244.3	9.5
530.0	526.7	5.407	5.363	34.158	26.965	29.399	26.960	114.7	10.509	.0	1480.2	3347.9	28.5
540.0	536.6	5.365	5.321	34.169	26.979	29.459	26.973	113.5	10.623	.0	1480.2	3452.7	13.9
550.0	546.5	5.298	5.253	34.171	26.988	29.515	26.983	112.6	10.736	.0	1480.1	3558.6	11.5
560.0	556.5	5.172	5.126	34.172	27.004	29.579	26.999	111.1	10.848	.0	1479.8	3665.6	10.1
570.0	566.4	5.142	5.096	34.180	27.014	29.635	27.008	110.3	10.959	.0	1479.8	3773.7	14.2
580.0	576.3	5.160	5.113	34.201	27.029	29.695	27.024	109.0	11.068	.0	1480.1	3882.9	3.9
590.0	586.2	5.143	5.095	34.214	27.042	29.753	27.036	107.9	11.177	.0	1480.2	3993.1	29.7
600.0	596.1	5.149	5.101	34.232	27.055	29.812	27.049	106.8	11.284	.0	1480.4	4104.5	9.8
610.0	606.0	5.121	5.072	34.247	27.070	29.873	27.064	105.5	11.390	.0	1480.5	4216.8	2.5
620.0	615.9	5.124	5.073	34.256	27.077	29.926	27.072	104.9	11.495	.0	1480.7	4330.2	.7
630.0	625.8	5.126	5.075	34.264	27.083	29.978	27.078	104.4	11.600	.0	1480.8	4444.7	21.5
640.0	635.8	5.190	5.137	34.285	27.093	30.032	27.087	103.8	11.704	.0	1481.3	4560.2	6.1
650.0	645.7	5.295	5.242	34.337	27.122	30.104	27.116	101.3	11.807	.0	1482.0	4676.7	37.4
660.0	655.6	5.241	5.187	34.347	27.136	30.165	27.130	100.0	11.907	.0	1481.9	4794.2	17.2
670.0	665.5	5.150	5.095	34.347	27.147	30.223	27.140	99.0	12.007	.0	1481.7	4912.6	7.8
680.0	675.4	5.040	4.985	34.346	27.158	30.282	27.152	97.9	12.105	.0	1481.4	5032.1	7.5
690.0	685.3	4.992	4.936	34.340	27.160	30.330	27.153	97.8	12.203	.0	1481.4	5152.5	-3.9
700.0	695.2	4.955	4.899	34.350	27.172	30.388	27.165	96.7	12.300	.0	1481.4	5273.9	16.6
710.0	705.1	4.910	4.853	34.357	27.182	30.445	27.176	95.8	12.396	.0	1481.4	5396.2	10.2
720.0	715.0	4.873	4.815	34.358	27.187	30.496	27.181	95.3	12.492	.0	1481.4	5519.5	9.0
730.0	724.9	4.845	4.786	34.359	27.191	30.546	27.185	95.0	12.587	.0	1481.5	5643.7	4.6
740.0	734.8	4.837	4.778	34.367	27.198	30.599	27.192	94.5	12.681	.0	1481.6	5768.8	5.8
750.0	744.7	4.775	4.715	34.374	27.211	30.658	27.204	93.3	12.775	.0	1481.5	5894.9	8.1
760.0	754.6	4.753	4.692	34.377	27.216	30.710	27.210	92.8	12.869	.0	1481.6	6021.9	13.7
770.0	764.5	4.709	4.648	34.381	27.225	30.764	27.218	92.1	12.961	.0	1481.6	6149.8	4.3
780.0	774.4	4.651	4.589	34.382	27.232	30.819	27.225	91.4	13.053	.0	1481.5	6278.6	6.7
790.0	784.3	4.614	4.552	34.382	27.236	30.869	27.229	91.1	13.144	.0	1481.5	6408.3	12.2
800.0	794.2	4.561	4.498	34.388	27.246	30.926	27.240	90.1	13.234	.0	1481.5	6538.9	-1.0
810.0	804.1	4.502	4.439	34.396	27.259	30.985	27.252	88.9	13.324	.0	1481.4	6670.3	13.7
820.0	814.0	4.465	4.401	34.397	27.265	31.037	27.258	88.4	13.413	.0	1481.4	6802.7	10.5
830.0	823.9	4.313	4.250	34.395	27.279	31.100	27.272	86.9	13.500	.0	1480.9	6935.9	14.8
840.0	833.8	4.267	4.203	34.400	27.288	31.156	27.281	86.0	13.587	.0	1480.9	7070.0	.2
850.0	843.7	4.248	4.183	34.402	27.292	31.206	27.285	85.7	13.673	.0	1481.0	7204.9	6.0
860.0	853.6	4.209	4.143	34.408	27.300	31.260	27.293	85.0	13.758	.0	1481.0	7340.7	18.9
870.0	863.5	4.171	4.105	34.411	27.306	31.313	27.300	84.4	13.843	.0	1481.0	7477.3	5.7
880.0	873.4	4.136	4.069	34.412	27.311	31.364	27.304	84.0	13.927	.0	1481.0	7614.7	5.7
890.0	883.3	4.113	4.045	34.413	27.315	31.414	27.307	83.7	14.011	.0	1481.1	7752.9	.8
900.0	893.2	4.098	4.030	34.414	27.317	31.462	27.310	83.5	14.094	.0	1481.2	7892.0	3.1
910.0	903.1	4.065	3.996	34.417	27.323	31.515	27.316	83.0	14.178	.0	1481.2	8031.9	5.2
920.0	913.0	4.049	3.980	34.419	27.326	31.564	27.319	82.7	14.261	.0	1481.3	8172.6	1.1
930.0	922.9	4.016	3.946	34.419	27.330	31.614	27.322	82.5	14.343	.0	1481.4	8314.1	10.5
940.0	932.8	3.980	3.909	34.425	27.338	31.669	27.331	81.6	14.425	.0	1481.4	8456.4	8.1
950.0	942.7	3.965	3.894	34.428	27.342	31.719	27.335	81.4	14.507	.0	1481.5	8599.6	5.8
960.0	952.6	3.933	3.861	34.436	27.351	31.774	27.344	80.5	14.588	.0	1481.5	8743.5	7.8
970.0	962.5	3.912	3.840	34.442	27.359	31.827	27.351	79.9	14.668	.0	1481.6	8888.2	4.3
980.0	972.4	3.901	3.828	34.445	27.363	31.877	27.355	79.5	14.747	.0	1481.7	9033.7	5.2
990.0	982.3	3.886	3.812	34.448	27.367	31.927	27.359	79.2	14.827	.0	1481.9	9179.9	7.3

Station 54 Latitude 32° 08.39'N Longitude 126° 54.09'W 02 May 1991 GMT 13:00 Bottom 2075 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.880	3.806	34.452	27.370	31.976	27.362	79.0	14.906	.0	1482.0	9327.0	6.4
1020.0	1011.9	3.801	3.725	34.464	27.388	32.087	27.380	77.3	15.063	.0	1482.0	9623.4	6.7
1040.0	1031.7	3.765	3.688	34.469	27.396	32.187	27.388	76.6	15.217	.0	1482.2	9922.8	6.7
1060.0	1051.5	3.712	3.634	34.474	27.404	32.289	27.397	75.9	15.369	.0	1482.3	10225.3	16.1
1080.0	1071.3	3.673	3.594	34.478	27.412	32.388	27.404	75.3	15.520	.0	1482.5	10530.7	4.4
1100.0	1091.0	3.604	3.524	34.485	27.424	32.493	27.416	74.1	15.669	.0	1482.5	10839.0	-2.4
1120.0	1110.8	3.540	3.458	34.488	27.433	32.595	27.425	73.3	15.816	.0	1482.6	11150.3	7.6
1140.0	1130.6	3.498	3.415	34.492	27.441	32.695	27.433	72.6	15.962	.0	1482.7	11464.4	-1.5
1160.0	1150.3	3.461	3.376	34.496	27.448	32.794	27.440	72.0	16.107	.0	1482.9	11781.3	5.3
1180.0	1170.1	3.427	3.341	34.500	27.455	32.893	27.446	71.4	16.250	.0	1483.1	12101.1	3.5
1200.0	1189.9	3.369	3.282	34.507	27.465	32.996	27.457	70.4	16.392	.0	1483.2	12423.6	2.9
1220.0	1209.6	3.359	3.271	34.508	27.467	33.090	27.458	70.4	16.533	.0	1483.5	12748.9	6.2
1240.0	1229.4	3.297	3.207	34.513	27.478	33.193	27.469	69.4	16.673	.0	1483.6	13077.0	-.3
1260.0	1249.2	3.218	3.128	34.521	27.491	33.300	27.482	68.0	16.810	.0	1483.6	13407.7	9.7
1280.0	1268.9	3.170	3.079	34.524	27.498	33.399	27.489	67.4	16.945	.0	1483.7	13741.1	.6
1300.0	1288.7	3.148	3.055	34.526	27.501	33.494	27.493	67.1	17.080	.0	1484.0	14077.2	.6
1320.0	1308.4	3.095	3.001	34.530	27.510	33.596	27.501	66.3	17.213	.0	1484.1	14415.8	-.5
1340.0	1328.2	3.055	2.959	34.534	27.517	33.695	27.508	65.7	17.346	.0	1484.2	14757.0	.1
1360.0	1347.9	3.008	2.912	34.539	27.525	33.795	27.516	64.9	17.476	.0	1484.4	15100.9	1.8
1380.0	1367.6	2.972	2.874	34.542	27.531	33.894	27.522	64.4	17.605	.0	1484.5	15447.2	5.4
1400.0	1387.4	2.934	2.835	34.547	27.538	33.993	27.529	63.7	17.734	.0	1484.7	15796.0	7.1
1420.0	1407.1	2.898	2.798	34.550	27.544	34.091	27.535	63.2	17.861	.0	1484.9	16147.4	3.9
1440.0	1426.9	2.878	2.777	34.551	27.547	34.186	27.538	62.9	17.987	.0	1485.2	16501.1	1.9
1460.0	1446.6	2.832	2.729	34.556	27.555	34.286	27.546	62.1	18.112	.0	1485.3	16857.4	15.1
1480.0	1466.3	2.789	2.685	34.560	27.562	34.385	27.553	61.5	18.235	.0	1485.4	17216.0	-1.9
1500.0	1486.1	2.764	2.658	34.562	27.566	34.481	27.557	61.2	18.358	.0	1485.7	17577.1	7.2
1520.0	1505.8	2.732	2.625	34.564	27.570	34.577	27.561	60.8	18.480	.0	1485.9	17940.5	3.1
1540.0	1525.5	2.694	2.587	34.568	27.577	34.676	27.568	60.1	18.601	.0	1486.1	18306.3	1.1
1560.0	1545.3	2.681	2.572	34.568	27.579	34.769	27.569	60.1	18.721	.0	1486.3	18674.4	.8
1580.0	1565.0	2.648	2.538	34.571	27.584	34.867	27.575	59.5	18.841	.0	1486.5	19044.8	.2
1600.0	1584.7	2.597	2.485	34.575	27.591	34.967	27.582	58.8	18.959	.0	1486.6	19417.6	1.7
1620.0	1604.4	2.568	2.455	34.578	27.596	35.063	27.587	58.3	19.076	.0	1486.8	19792.7	2.3
1640.0	1624.1	2.559	2.444	34.578	27.598	35.156	27.588	58.3	19.193	.0	1487.1	20170.0	4.6
1660.0	1643.9	2.531	2.415	34.581	27.602	35.252	27.592	57.9	19.309	.0	1487.4	20549.5	.8
1680.0	1663.6	2.512	2.395	34.583	27.606	35.347	27.596	57.6	19.424	.0	1487.6	20931.4	1.7
1700.0	1683.3	2.480	2.362	34.586	27.611	35.444	27.601	57.1	19.539	.0	1487.8	21315.4	2.9
1720.0	1703.0	2.458	2.339	34.587	27.614	35.538	27.604	56.9	19.653	.0	1488.1	21701.7	2.6
1740.0	1722.7	2.405	2.284	34.591	27.621	35.639	27.611	56.0	19.766	.0	1488.2	22090.1	1.8
1760.0	1742.4	2.365	2.243	34.595	27.628	35.737	27.618	55.4	19.877	.0	1488.3	22480.8	2.4
1780.0	1762.1	2.361	2.238	34.595	27.628	35.828	27.618	55.4	19.988	.0	1488.6	22873.6	3.3
1800.0	1781.8	2.315	2.190	34.599	27.635	35.928	27.625	54.7	20.098	.0	1488.8	23268.5	2.7
1820.0	1801.5	2.288	2.163	34.601	27.639	36.023	27.629	54.3	20.206	.0	1489.0	23665.5	-2.0
1840.0	1821.2	2.266	2.139	34.603	27.643	36.118	27.632	54.0	20.315	.0	1489.2	24064.6	14.7
1860.0	1840.9	2.215	2.087	34.607	27.650	36.219	27.640	53.1	20.421	.0	1489.4	24465.8	5.9
1880.0	1860.6	2.188	2.058	34.609	27.654	36.314	27.643	52.8	20.527	.0	1489.6	24869.1	1.0
1900.0	1880.3	2.182	2.051	34.610	27.655	36.406	27.645	52.7	20.632	.0	1489.9	25274.4	1.0
1920.0	1900.0	2.172	2.040	34.612	27.657	36.499	27.647	52.6	20.738	.0	1490.2	25681.7	-.8
1940.0	1919.7	2.152	2.019	34.614	27.661	36.593	27.650	52.3	20.843	.0	1490.4	26091.1	.1
1960.0	1939.4	2.130	1.995	34.615	27.664	36.687	27.653	52.0	20.947	.0	1490.7	26502.5	9.2
1980.0	1959.1	2.102	1.966	34.618	27.669	36.784	27.658	51.5	21.051	.0	1490.9	26915.9	1.9
2000.0	1978.8	2.066	1.928	34.621	27.674	36.881	27.663	50.9	21.153	.0	1491.1	27331.3	.8
2050.0	2028.0	2.049	1.907	34.623	27.677	37.110	27.666	50.8	21.407	.0	1491.8	28378.3	2.9
2052.0	2029.9	2.049	1.907	34.624	27.677	37.120	27.666	50.8	21.417	.0	1491.9	28420.5	.0

Station 55 Latitude 32° 05.59'N Longitude 126° 55.46'W 02 May 1991 GMT 15:02 Bottom 950 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.928	14.928	33.173	24.580	24.580	24.580	334.8	.000	.0	1504.9	.0	.0
10.0	10.0	14.929	14.927	33.175	24.582	24.626	24.582	334.9	.335	.0	1505.1	1.7	1.9
20.0	19.9	14.927	14.924	33.175	24.583	24.671	24.582	335.1	.670	.0	1505.2	6.7	.1
30.0	29.9	14.931	14.926	33.176	24.582	24.715	24.581	335.4	1.005	.0	1505.4	15.0	-1.3
40.0	39.8	14.601	14.595	33.167	24.647	24.824	24.645	329.6	1.340	.0	1504.5	26.7	164.6
50.0	49.8	14.354	14.347	33.183	24.712	24.933	24.710	323.6	1.666	.0	1503.9	41.7	27.3
60.0	59.8	14.281	14.273	33.180	24.725	24.990	24.723	322.7	1.989	.0	1503.8	59.9	13.8
70.0	69.7	14.098	14.088	33.166	24.752	25.063	24.750	320.3	2.310	.0	1503.4	81.3	51.8
80.0	79.7	14.016	14.004	33.201	24.796	25.151	24.794	316.4	2.628	.0	1503.3	105.9	40.7
90.0	89.7	13.735	13.722	33.162	24.825	25.225	24.823	313.9	2.943	.0	1502.5	133.6	21.0
100.0	99.6	13.577	13.563	33.155	24.852	25.296	24.849	311.6	3.255	.0	1502.1	164.5	26.0
110.0	109.6	13.477	13.462	33.162	24.878	25.366	24.875	309.4	3.566	.0	1502.0	198.4	23.1
120.0	119.5	13.358	13.341	33.160	24.900	25.434	24.897	307.5	3.874	.0	1501.7	235.5	43.2
130.0	129.5	12.302	12.285	33.154	25.103	25.683	25.099	288.3	4.173	.0	1498.3	275.6	260.3
140.0	139.4	11.148	11.131	33.110	25.281	25.910	25.278	271.2	4.451	.0	1494.4	318.5	116.6
150.0	149.4	10.449	10.432	33.137	25.425	26.100	25.422	257.6	4.716	.0	1492.1	364.1	208.4
160.0	159.3	9.744	9.726	33.224	25.611	26.333	25.608	239.9	4.963	.0	1489.8	412.3	54.3
170.0	169.3	9.514	9.496	33.299	25.708	26.476	25.705	230.9	5.198	.0	1489.2	462.8	89.7
180.0	179.2	9.292	9.272	33.423	25.840	26.655	25.837	218.4	5.423	.0	1488.7	515.6	52.5
190.0	189.2	9.160	9.140	33.495	25.918	26.778	25.915	211.2	5.637	.0	1488.4	570.6	60.6
200.0	199.1	9.067	9.045	33.653	26.056	26.962	26.053	198.3	5.841	.0	1488.5	627.7	169.9
210.0	209.1	8.933	8.910	33.763	26.164	27.115	26.160	188.2	6.034	.0	1488.3	686.7	40.1
220.0	219.0	8.798	8.775	33.789	26.206	27.202	26.202	184.4	6.220	.0	1488.0	747.6	61.8
230.0	228.9	8.710	8.686	33.855	26.271	27.313	26.267	178.4	6.402	.0	1487.9	810.3	78.8
240.0	238.9	8.611	8.586	33.911	26.330	27.418	26.326	172.9	6.577	.0	1487.7	874.8	36.6
250.0	248.8	8.516	8.490	33.954	26.379	27.513	26.375	168.4	6.748	.0	1487.6	941.0	34.2
260.0	258.7	8.345	8.319	33.977	26.423	27.603	26.419	164.4	6.915	.0	1487.1	1008.9	33.9
270.0	268.7	8.225	8.197	33.985	26.448	27.673	26.443	162.2	7.078	.0	1486.9	1078.4	21.9
280.0	278.6	8.085	8.056	33.999	26.480	27.752	26.476	159.2	7.239	.0	1486.5	1149.5	21.6
290.0	288.5	7.963	7.934	34.018	26.513	27.831	26.508	156.2	7.397	.0	1486.2	1222.2	21.6
300.0	298.5	7.883	7.853	34.022	26.528	27.892	26.523	154.9	7.552	.0	1486.1	1296.4	42.1
310.0	308.4	7.729	7.698	34.026	26.553	27.963	26.549	152.6	7.705	.0	1485.7	1372.2	31.8
320.0	318.3	7.610	7.579	34.031	26.575	28.031	26.570	150.6	7.856	.0	1485.4	1449.5	19.8
330.0	328.3	7.310	7.278	34.032	26.618	28.122	26.614	146.5	8.005	.0	1484.4	1528.2	9.5
340.0	338.2	7.244	7.211	34.033	26.628	28.178	26.624	145.6	8.151	.0	1484.3	1608.4	40.8
350.0	348.1	7.125	7.092	34.040	26.650	28.247	26.646	143.6	8.295	.0	1484.0	1690.1	3.3
360.0	358.0	7.016	6.982	34.050	26.673	28.316	26.668	141.5	8.438	.0	1483.7	1773.1	33.1
370.0	368.0	6.826	6.792	34.043	26.694	28.383	26.689	139.6	8.579	.0	1483.1	1857.6	28.1
380.0	377.9	6.754	6.719	34.057	26.714	28.450	26.709	137.8	8.717	.0	1483.0	1943.5	9.1
390.0	387.8	6.639	6.603	34.064	26.736	28.518	26.731	135.8	8.854	.0	1482.7	2030.7	21.9
400.0	397.7	6.455	6.419	34.066	26.761	28.591	26.757	133.3	8.988	.0	1482.2	2119.2	16.9
410.0	407.7	6.280	6.244	34.075	26.790	28.667	26.786	130.6	9.120	.0	1481.7	2209.1	5.5
420.0	417.6	6.267	6.230	34.085	26.801	28.723	26.796	129.7	9.250	.0	1481.8	2300.2	29.5
430.0	427.5	6.117	6.079	34.078	26.814	28.784	26.810	128.4	9.379	.0	1481.3	2392.7	22.5
440.0	437.4	6.007	5.969	34.085	26.833	28.850	26.829	126.6	9.507	.0	1481.1	2486.4	23.6
450.0	447.4	5.942	5.903	34.094	26.849	28.912	26.844	125.2	9.633	.0	1481.0	2581.3	26.5
460.0	457.3	5.884	5.845	34.097	26.858	28.968	26.854	124.4	9.758	.0	1480.9	2677.5	5.4
470.0	467.2	5.793	5.753	34.107	26.878	29.034	26.873	122.6	9.881	.0	1480.7	2774.9	.2
480.0	477.1	5.783	5.742	34.109	26.881	29.082	26.875	122.5	10.004	.0	1480.9	2873.6	11.9
490.0	487.0	5.674	5.633	34.115	26.899	29.147	26.894	120.8	10.125	.0	1480.6	2973.4	23.6
500.0	497.0	5.626	5.584	34.135	26.921	29.216	26.916	118.8	10.245	.0	1480.6	3074.4	21.8
510.0	506.9	5.620	5.577	34.150	26.934	29.274	26.928	117.7	10.363	.0	1480.7	3176.6	5.7
520.0	516.8	5.540	5.497	34.150	26.944	29.330	26.938	116.8	10.481	.0	1480.6	3280.0	20.4
530.0	526.7	5.533	5.489	34.177	26.966	29.398	26.960	114.8	10.596	.0	1480.7	3384.5	21.0
540.0	536.6	5.348	5.304	34.171	26.983	29.463	26.977	113.1	10.710	.0	1480.1	3490.1	8.6
550.0	546.5	5.285	5.240	34.170	26.990	29.517	26.984	112.5	10.823	.0	1480.1	3596.9	11.8
560.0	556.5	5.232	5.186	34.181	27.004	29.578	26.999	111.2	10.935	.0	1480.0	3704.8	13.9
570.0	566.4	5.293	5.247	34.201	27.013	29.632	27.008	110.5	11.046	.0	1480.5	3813.7	17.4
580.0	576.3	5.257	5.210	34.220	27.033	29.697	27.027	108.8	11.155	.0	1480.5	3923.8	14.5
590.0	586.2	5.203	5.155	34.229	27.046	29.757	27.041	107.6	11.263	.0	1480.5	4034.9	5.1
600.0	596.1	5.177	5.128	34.237	27.056	29.813	27.050	106.7	11.370	.0	1480.5	4147.1	15.1
610.0	606.0	5.170	5.120	34.254	27.070	29.872	27.064	105.5	11.476	.0	1480.7	4260.3	18.0
620.0	615.9	5.139	5.089	34.260	27.079	29.927	27.073	104.8	11.581	.0	1480.7	4374.6	4.0
630.0	625.8	5.130	5.078	34.266	27.085	29.979	27.079	104.3	11.686	.0	1480.9	4489.9	6.6
640.0	635.8	5.138	5.086	34.279	27.094	30.033	27.087	103.6	11.790	.0	1481.1	4606.2	7.5
650.0	645.7	5.295	5.241	34.321	27.109	30.091	27.103	102.6	11.893	.0	1481.9	4723.5	18.4
660.0	655.6	5.315	5.260	34.337	27.119	30.147	27.113	101.7	11.995	.0	1482.2	4841.9	4.6
670.0	665.5	5.293	5.237	34.342	27.126	30.199	27.119	101.2	12.096	.0	1482.3	4961.3	9.0
680.0	675.4	5.218	5.162	34.347	27.139	30.259	27.132	100.0	12.197	.0	1482.1	5081.6	2.6
690.0	685.3	5.124	5.067	34.348	27.150	30.318	27.144	98.9	12.296	.0	1481.9	5202.9	22.2
700.0	695.2	5.023	4.967	34.345	27.160	30.375	27.153	97.9	12.395	.0	1481.7	5325.3	14.6
710.0	705.1	4.978	4.920	34.347	27.167	30.428	27.160	97.3	12.492	.0	1481.7	5448.5	2.0
720.0	715.0	4.960	4.902	34.355	27.176	30.483	27.169	96.6	12.590	.0	1481.8	5572.8	13.1
730.0	724.9	4.935	4.876	34.367	27.187	30.540	27.181	95.6	12.685	.0	1481.8	5697.9	1.1
740.0	734.8	4.838	4.778	34.370	27.201	30.602	27.195	94.2	12.781	.0	1481.6	5824.1	14.0
750.0	744.7	4.779	4.719	34.373	27.210	30.658	27.204	93.3	12.874	.0	1481.5	5951.1	18.7
760.0	754.6	4.698	4.638	34.378	27.223	30.717	27.216	92.1	12.967	.0	1481.4	6079.1	2.2
770.0	764.5	4.668	4.607	34.381	27.229	30.769	27.222	91.6	13.059	.0	1481.4	6207.9	5.8
780.0	774.5	4.648	4.586	34.383	27.233	30.819	27.226	91.3	13.150	.0	1481.5	6337.7	2.5
790.0	784.3	4.594	4.532	34.385	27.240	30.873	27.233	90.6	13.241	.0	1481.4	6468.4	6.9
800.0	794.3	4.533	4.471	34.383	27.245	30.925	27.238	90.1	13.332	.0	1481.3	6599.9	7.8
810.0	804.2	4.510	4.447	34.385	27.250	30.976	27.243	89.8	13.422	.0	1481.4	6732.4	13.7
820.0	814.0	4.500	4.436	34.395	27.259	31.031	27.252	89.0	13.511	.0	1481.6	6865.7	-.1
830.0	824.0	4.485	4.420	34.397	27.263	31.080	27.255	88.8	13.600	.0	1481.7	6999.9	.8
840.0	833.8	4.465	4.399	34.402	27.268	31.132	27.261	88.3	13.688	.0	1481.7	7135.0	5.5
850.0	843.8	4.427	4.361	34.422	27.288	31.198	27.281	86.5	13.776	.0	1481.8	7270.9	11.1
860.0	853.7	4.393	4.326	34.425	27.295	31.251	27.287	85.9	13.862	.0	1481.8	7407.7	1.1
870.0	863.5	4.357	4.290	34.425	27.299	31.301	27.291	85.5	13.948	.0	1481.8	7545.3	30.1
880.0	873.5	4.261	4.194	34.432	27.314	31.364	27.307	84.0	14.032	.0	1481.6	7683.8	11.9
890.0	883.3	4.205	4.137	34.439	27.325	31.423	27.318	82.9	14.115	.0	1481.5	7823.0	7.5
900.0	893.2	4.152	4.083	34.441	27.333	31.477	27.325	82.2	14.198	.0	1481.5	7963.1	2.8
910.0	903.1	4.150	4.080	34.439	27.331	31.521	27.324	82.4	14.280	.0	1481.6	8104.0	-1.5
920.0	913.0	4.148	4.078	34.438	27.331	31.566	27.324	82.5	14.363	.0	1481.8	8245.8	-.7
930.0	922.9	4.139	4.068	34.438	27.332	31.613	27.325	82.5	14.445	.0	1481.9	8388.3	3.7
940.0	932.8	4.063	3.991	34.437	27.339	31.668	27.332	81.7	14.527	.0	1481.8	8531.6	-1.2
950.0	942.7	4.048	3.976	34.437	27.341	31.715	27.333	81.7	14.609	.0	1481.9	8675.7	1.4
960.0	952.6	4.050	3.978	34.437	27.340	31.760	27.333	81.8	14.691	.0	1482.0	8820.7	-2.4
970.0	962.5	4.051	3.977	34.437	27.340	31.806	27.333	81.9	14.772	.0	1482.2	8966.4	-.9
980.0	972.4	4.039	3.965	34.439	27.343	31.855	27.336	81.7	14.854	.0	1482.3	9112.9	8.2
990.0	982.3	3.953	3.878	34.448	27.360	31.919	27.352	80.0	14.936	.0	1482.1	9260.3	46.2

Station 55 Latitude 32° 05.59'N Longitude 126° 55.46'W 02 May 1991 GMT 15:02 Bottom 950 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.923	3.848	34.450	27.364	31.969	27.356	79.7	15.015	.0	1482.2	9408.4	10.5
1020.0	1012.0	3.908	3.831	34.453	27.368	32.065	27.361	79.4	15.174	.0	1482.4	9707.0	.0
1040.0	1031.7	3.907	3.829	34.456	27.371	32.159	27.363	79.3	15.333	.0	1482.8	10008.7	1.2
1060.0	1051.5	3.822	3.743	34.461	27.383	32.265	27.375	78.1	15.490	.0	1482.8	10313.5	-1.8
1074.0	1065.3	3.806	3.726	34.463	27.387	32.332	27.378	77.9	15.599	.0	1482.9	10528.6	.0

Station 56 Latitude 32° 02.61'N Longitude 126° 57.53'W 02 May 1991 GMT 16:28 Bottom 2375 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	14.940	14.940	33.186	24.587	24.587	24.587	334.1	.000	.0	1505.0	.0	.0
10.0	10.0	14.942	14.941	33.171	24.576	24.620	24.575	335.5	.334	.0	1505.1	1.7	.7
20.0	19.9	14.944	14.941	33.184	24.586	24.674	24.585	334.8	.669	.0	1505.3	6.7	.1
30.0	29.9	14.944	14.940	33.183	24.586	24.718	24.585	335.1	1.004	.0	1505.5	15.0	-1.0
40.0	39.8	14.946	14.940	33.185	24.586	24.763	24.585	335.3	1.339	.0	1505.6	26.7	1.0
50.0	49.8	14.421	14.414	33.162	24.681	24.903	24.680	326.6	1.671	.0	1504.1	41.7	35.8
60.0	59.8	14.316	14.307	33.170	24.710	24.976	24.708	324.1	1.996	.0	1503.9	59.9	17.9
70.0	69.7	14.135	14.125	33.145	24.728	25.038	24.726	322.6	2.319	.0	1503.5	81.4	28.1
80.0	79.7	14.375	14.364	33.242	24.753	25.107	24.751	320.6	2.641	.0	1504.5	106.1	37.0
90.0	89.7	14.136	14.123	33.209	24.778	25.177	24.776	318.4	2.960	.0	1503.9	134.0	15.8
100.0	99.6	13.832	13.818	33.188	24.825	25.268	24.822	314.2	3.277	.0	1503.0	165.1	20.5
110.0	109.6	13.677	13.661	33.182	24.853	25.341	24.850	311.8	3.590	.0	1502.6	199.3	17.5
120.0	119.5	13.433	13.416	33.168	24.892	25.425	24.888	308.4	3.900	.0	1502.0	236.5	76.9
130.0	129.5	11.737	11.721	33.112	25.176	25.758	25.173	281.2	4.195	.0	1496.3	276.9	240.0
140.0	139.4	10.679	10.663	33.095	25.352	25.982	25.349	264.4	4.468	.0	1492.7	320.0	153.7
150.0	149.4	10.114	10.097	33.143	25.486	26.163	25.484	251.7	4.725	.0	1490.9	365.7	106.5
160.0	159.3	9.672	9.655	33.236	25.632	26.355	25.629	237.9	4.970	.0	1489.5	413.9	78.3
170.0	169.3	9.555	9.536	33.280	25.686	26.455	25.683	232.9	5.205	.0	1489.3	464.5	109.9
180.0	179.2	9.270	9.250	33.382	25.812	26.626	25.809	221.1	5.431	.0	1488.5	517.4	101.1
190.0	189.2	9.192	9.171	33.463	25.888	26.747	25.884	214.1	5.649	.0	1488.5	572.5	76.7
200.0	199.1	9.168	9.146	33.619	26.014	26.919	26.010	202.3	5.858	.0	1488.8	629.8	47.2
210.0	209.1	8.969	8.947	33.712	26.118	27.069	26.115	192.6	6.058	.0	1488.3	689.0	178.3
220.0	219.0	8.904	8.881	33.756	26.163	27.159	26.159	188.5	6.248	.0	1488.3	750.1	134.4
230.0	228.9	8.754	8.730	33.837	26.250	27.292	26.247	180.4	6.431	.0	1488.0	813.1	40.4
240.0	238.9	8.654	8.629	33.887	26.305	27.393	26.301	175.3	6.608	.0	1487.9	877.9	22.5
250.0	248.8	8.593	8.567	33.936	26.353	27.486	26.349	170.9	6.781	.0	1487.9	944.5	26.3
260.0	258.7	8.355	8.328	33.972	26.418	27.597	26.414	164.9	6.950	.0	1487.2	1012.7	74.0
270.0	268.7	8.210	8.183	33.993	26.456	27.682	26.452	161.4	7.112	.0	1486.8	1082.5	18.1
280.0	278.6	8.058	8.030	34.006	26.489	27.761	26.485	158.3	7.272	.0	1486.4	1154.0	35.9
290.0	288.5	7.956	7.927	34.013	26.510	27.828	26.506	156.5	7.430	.0	1486.2	1227.0	35.3
300.0	298.5	7.778	7.748	34.028	26.548	27.912	26.544	152.9	7.584	.0	1485.7	1301.5	43.2
310.0	308.4	7.559	7.529	34.031	26.581	27.993	26.577	149.8	7.735	.0	1485.0	1377.6	3.0
320.0	318.3	7.504	7.473	34.030	26.588	28.045	26.584	149.3	7.885	.0	1485.0	1455.2	17.7
330.0	328.3	7.330	7.298	34.029	26.613	28.117	26.608	147.0	8.033	.0	1484.4	1534.2	19.1
340.0	338.2	7.251	7.219	34.026	26.622	28.171	26.617	146.3	8.179	.0	1484.3	1614.7	22.9
350.0	348.1	7.092	7.059	34.031	26.648	28.244	26.643	143.8	8.324	.0	1483.8	1696.6	13.8
360.0	358.0	6.945	6.912	34.041	26.676	28.319	26.671	141.2	8.466	.0	1483.4	1780.0	16.1
370.0	368.0	6.814	6.780	34.052	26.702	28.392	26.698	138.7	8.606	.0	1483.1	1864.7	-.6
380.0	377.9	6.719	6.684	34.054	26.716	28.453	26.712	137.5	8.744	.0	1482.9	1950.8	4.7
390.0	387.8	6.638	6.603	34.060	26.732	28.514	26.727	136.1	8.881	.0	1482.7	2038.3	21.1
400.0	397.8	6.492	6.456	34.069	26.759	28.588	26.754	133.6	9.016	.0	1482.3	2127.1	10.8
410.0	407.7	6.462	6.425	34.083	26.774	28.649	26.769	132.3	9.149	.0	1482.4	2217.3	12.9
420.0	417.6	6.378	6.341	34.091	26.791	28.712	26.786	130.7	9.281	.0	1482.2	2308.7	13.1
430.0	427.5	6.255	6.217	34.088	26.804	28.773	26.799	129.5	9.411	.0	1481.9	2401.4	11.1
440.0	437.4	6.192	6.154	34.097	26.820	28.834	26.815	128.1	9.539	.0	1481.8	2495.5	8.1
450.0	447.4	6.145	6.106	34.114	26.839	28.899	26.834	126.4	9.667	.0	1481.8	2590.7	31.0
460.0	457.3	6.082	6.042	34.135	26.864	28.971	26.859	124.1	9.792	.0	1481.8	2687.3	28.0
470.0	467.2	6.005	5.964	34.143	26.880	29.033	26.875	122.6	9.916	.0	1481.6	2785.0	12.5
480.0	477.1	5.941	5.900	34.146	26.890	29.090	26.885	121.8	10.038	.0	1481.5	2884.0	2.3
490.0	487.0	5.814	5.772	34.146	26.906	29.153	26.901	120.2	10.159	.0	1481.2	2984.2	21.6
500.0	497.0	5.813	5.770	34.155	26.914	29.206	26.908	119.7	10.279	.0	1481.4	3085.5	11.6
510.0	506.9	5.724	5.681	34.166	26.934	29.273	26.928	117.8	10.398	.0	1481.2	3188.1	9.0
520.0	516.8	5.651	5.607	34.168	26.944	29.330	26.939	116.9	10.516	.0	1481.1	3291.8	16.6
530.0	526.7	5.660	5.615	34.177	26.950	29.381	26.945	116.4	10.632	.0	1481.3	3396.7	4.0
540.0	536.6	5.615	5.570	34.183	26.961	29.438	26.955	115.5	10.748	.0	1481.3	3502.7	16.9
550.0	546.5	5.273	5.228	34.161	26.984	29.511	26.978	113.0	10.863	.0	1480.0	3609.8	9.8
560.0	556.5	5.351	5.305	34.194	27.001	29.573	26.996	111.6	10.976	.0	1480.5	3718.1	30.0
570.0	566.4	5.347	5.300	34.213	27.017	29.634	27.011	110.3	11.087	.0	1480.7	3827.5	16.3
580.0	576.3	5.306	5.259	34.224	27.030	29.694	27.024	109.1	11.196	.0	1480.7	3937.9	15.1
590.0	586.2	5.247	5.199	34.233	27.044	29.755	27.039	107.8	11.305	.0	1480.6	4049.5	17.1
600.0	596.1	5.230	5.181	34.257	27.066	29.822	27.060	105.9	11.411	.0	1480.8	4162.0	4.6
610.0	606.0	5.427	5.376	34.301	27.077	29.876	27.071	105.2	11.517	.0	1481.8	4275.7	-.7
620.0	615.9	5.412	5.360	34.310	27.086	29.930	27.080	104.5	11.622	.0	1481.9	4390.3	12.2
630.0	625.9	5.375	5.323	34.312	27.092	29.982	27.086	104.0	11.726	.0	1481.9	4506.0	.5
640.0	635.8	5.370	5.317	34.323	27.102	30.037	27.095	103.2	11.830	.0	1482.1	4622.8	19.6
650.0	645.7	5.339	5.285	34.334	27.114	30.096	27.107	102.2	11.932	.0	1482.1	4740.5	11.1
660.0	655.6	5.317	5.262	34.338	27.120	30.148	27.114	101.7	12.034	.0	1482.2	4859.3	17.8
670.0	665.5	5.224	5.168	34.349	27.140	30.215	27.134	99.7	12.135	.0	1482.0	4979.0	41.2
680.0	675.4	5.129	5.074	34.350	27.152	30.274	27.146	98.6	12.234	.0	1481.8	5099.7	.8
690.0	685.3	5.131	5.074	34.356	27.156	30.323	27.149	98.4	12.332	.0	1482.0	5221.4	15.5
700.0	695.2	5.060	5.003	34.363	27.170	30.384	27.164	97.0	12.430	.0	1481.8	5344.1	14.3
710.0	705.1	4.986	4.929	34.362	27.178	30.439	27.171	96.3	12.527	.0	1481.7	5467.7	7.8
720.0	715.0	4.902	4.844	34.362	27.187	30.496	27.181	95.4	12.622	.0	1481.5	5592.3	6.1
730.0	724.9	4.911	4.852	34.371	27.194	30.548	27.187	94.9	12.718	.0	1481.7	5717.8	21.0
740.0	734.8	4.854	4.795	34.382	27.209	30.609	27.202	93.5	12.812	.0	1481.7	5844.2	16.9
750.0	744.7	4.769	4.710	34.385	27.221	30.668	27.214	92.4	12.905	.0	1481.5	5971.6	8.1
760.0	754.7	4.737	4.677	34.392	27.230	30.724	27.223	91.5	12.997	.0	1481.5	6099.8	16.0
770.0	764.5	4.682	4.621	34.389	27.234	30.774	27.227	91.2	13.088	.0	1481.5	6229.0	3.4
780.0	774.5	4.640	4.579	34.391	27.240	30.826	27.233	90.6	13.179	.0	1481.5	6359.1	3.7
790.0	784.4	4.612	4.550	34.391	27.243	30.876	27.236	90.4	13.270	.0	1481.5	6490.0	4.0
800.0	794.3	4.585	4.522	34.394	27.249	30.927	27.242	89.9	13.360	.0	1481.6	6621.8	6.7
810.0	804.2	4.571	4.508	34.394	27.250	30.975	27.243	89.9	13.450	.0	1481.7	6754.6	.2
820.0	814.1	4.543	4.479	34.401	27.259	31.029	27.252	89.1	13.539	.0	1481.7	6888.2	5.2
830.0	824.0	4.534	4.469	34.401	27.260	31.077	27.253	89.0	13.628	.0	1481.9	7022.7	7.6
840.0	833.9	4.503	4.438	34.405	27.267	31.129	27.260	88.5	13.717	.0	1481.9	7158.0	4.3
850.0	843.8	4.483	4.416	34.406	27.270	31.179	27.263	88.3	13.805	.0	1482.0	7294.2	1.1
860.0	853.7	4.421	4.354	34.408	27.278	31.234	27.271	87.5	13.893	.0	1481.9	7431.3	10.8
870.0	863.6	4.385	4.318	34.411	27.284	31.286	27.277	86.9	13.980	.0	1481.9	7569.3	2.6
880.0	873.5	4.355	4.287	34.416	27.291	31.340	27.284	86.3	14.067	.0	1482.0	7708.1	2.6
890.0	883.3	4.336	4.267	34.424	27.300	31.394	27.293	85.6	14.153	.0	1482.1	7847.7	14.3
900.0	893.3	4.282	4.213	34.426	27.307	31.448	27.300	84.8	14.238	.0	1482.0	7988.2	3.8
910.0	903.1	4.252	4.182	34.430	27.313	31.501	27.306	84.3	14.323	.0	1482.0	8129.5	5.2
920.0	913.0	4.226	4.155	34.435	27.321	31.554	27.313	83.6	14.406	.0	1482.1	8271.7	5.5
930.0	922.9	4.192	4.121	34.438	27.326	31.606	27.319	83.2	14.490	.0	1482.1	8414.6	4.1
940.0	932.8	4.153	4.081	34.442	27.334	31.660	27.326	82.4	14.573	.0	1482.1	8558.4	7.0
950.0	942.7	4.128	4.056	34.446	27.340	31.712	27.332	82.0	14.655	.0	1482.2	8703.0	4.3
960.0	952.6	4.113	4.040	34.453	27.347	31.765	27.339	81.4	14.737	.0	1482.3	8848.4	5.5
970.0	962.5	4.105	4.031	34.458	27.352	31.816	27.344	80.9	14.818	.0	1482.5	8994.6	2.9
980.0	972.4	4.050	3.976	34.460	27.359	31.870	27.352	80.2	14.898	.0	1482.4	9141.6	9.0
990.0	982.3	4.008	3.933	34.463	27.366	31.924	27.358	79.6	14.978	.0	1482.4	9289.3	4.1

Station 56 Latitude 32° 02.61'N Longitude 126° 57.53'W 02 May 1991 GMT 16:28 Bottom 2375 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.969	3.894	34.464	27.370	31.974	27.363	79.2	15.058	.0	1482.4	9437.9	2.0
1020.0	1012.0	3.900	3.823	34.473	27.385	32.082	27.377	77.8	15.215	.0	1482.4	9737.3	1.7
1040.0	1031.7	3.823	3.745	34.480	27.398	32.188	27.390	76.6	15.369	.0	1482.5	10039.7	6.4
1060.0	1051.5	3.766	3.687	34.484	27.408	32.290	27.400	75.7	15.521	.0	1482.6	10345.2	2.9
1080.0	1071.3	3.686	3.606	34.484	27.415	32.391	27.407	75.0	15.672	.0	1482.5	10653.6	.9
1100.0	1091.1	3.636	3.555	34.489	27.425	32.493	27.417	74.2	15.821	.0	1482.7	10965.0	3.2
1120.0	1110.8	3.591	3.509	34.493	27.432	32.592	27.424	73.5	15.969	.0	1482.8	11279.2	1.7
1140.0	1130.6	3.549	3.466	34.501	27.443	32.696	27.435	72.5	16.115	.0	1483.0	11596.4	2.9
1160.0	1150.4	3.515	3.430	34.506	27.451	32.795	27.442	71.9	16.260	.0	1483.2	11916.3	2.6
1180.0	1170.1	3.482	3.396	34.509	27.456	32.893	27.448	71.4	16.403	.0	1483.4	12239.1	4.7
1200.0	1189.9	3.435	3.348	34.512	27.463	32.992	27.455	70.9	16.545	.0	1483.5	12564.7	5.3
1220.0	1209.7	3.404	3.316	34.513	27.467	33.088	27.458	70.6	16.687	.0	1483.7	12893.0	1.5
1240.0	1229.4	3.347	3.257	34.514	27.474	33.188	27.465	69.9	16.827	.0	1483.8	13224.1	3.9
1260.0	1249.2	3.279	3.188	34.519	27.483	33.290	27.475	68.9	16.966	.0	1483.8	13558.0	5.6
1280.0	1268.9	3.228	3.136	34.524	27.493	33.392	27.484	68.0	17.104	.0	1484.0	13894.5	10.0
1300.0	1288.7	3.185	3.092	34.526	27.498	33.490	27.490	67.6	17.239	.0	1484.1	14233.7	.9
1320.0	1308.4	3.152	3.057	34.527	27.502	33.586	27.493	67.2	17.374	.0	1484.3	14575.5	.4
1340.0	1328.2	3.139	3.043	34.528	27.505	33.680	27.496	67.1	17.508	.0	1484.6	14919.9	3.0
1360.0	1347.9	3.107	3.009	34.530	27.510	33.777	27.500	66.7	17.642	.0	1484.8	15267.0	5.1
1380.0	1367.7	3.102	3.003	34.532	27.511	33.869	27.502	66.7	17.775	.0	1485.1	15616.6	4.2
1400.0	1387.4	3.067	2.967	34.536	27.518	33.968	27.509	66.0	17.908	.0	1485.3	15968.9	2.8
1420.0	1407.2	3.016	2.914	34.539	27.525	34.068	27.516	65.3	18.040	.0	1485.4	16323.7	.4
1440.0	1426.9	2.973	2.871	34.544	27.533	34.168	27.524	64.6	18.170	.0	1485.6	16681.1	1.6
1460.0	1446.6	2.929	2.825	34.548	27.540	34.268	27.531	63.9	18.299	.0	1485.7	17040.9	-3.4
1480.0	1466.4	2.866	2.761	34.553	27.550	34.371	27.541	62.9	18.425	.0	1485.8	17403.3	-1.0
1500.0	1486.1	2.824	2.718	34.558	27.558	34.470	27.548	62.2	18.551	.0	1485.9	17768.1	5.2
1520.0	1505.8	2.815	2.708	34.560	27.560	34.564	27.550	62.1	18.675	.0	1486.2	18135.4	-.4
1540.0	1525.6	2.806	2.697	34.560	27.561	34.656	27.551	62.1	18.799	.0	1486.5	18505.0	5.2
1560.0	1545.3	2.763	2.653	34.561	27.566	34.753	27.556	61.5	18.922	.0	1486.7	18877.1	1.1
1580.0	1565.0	2.751	2.639	34.564	27.569	34.847	27.559	61.3	19.045	.0	1487.0	19251.6	.2
1600.0	1584.7	2.729	2.616	34.565	27.572	34.942	27.562	61.1	19.167	.0	1487.2	19628.4	8.5
1620.0	1604.4	2.662	2.548	34.570	27.582	35.045	27.572	60.0	19.288	.0	1487.2	20007.6	1.7
1640.0	1624.2	2.623	2.508	34.574	27.588	35.144	27.578	59.4	19.408	.0	1487.4	20389.1	2.0
1660.0	1643.9	2.566	2.450	34.578	27.597	35.245	27.587	58.5	19.526	.0	1487.5	20773.0	7.3
1680.0	1663.6	2.505	2.388	34.583	27.606	35.348	27.596	57.5	19.642	.0	1487.6	21159.1	8.5
1700.0	1683.3	2.477	2.359	34.585	27.610	35.443	27.600	57.1	19.757	.0	1487.8	21547.4	3.2
1720.0	1703.0	2.459	2.339	34.587	27.613	35.537	27.603	56.9	19.871	.0	1488.1	21938.0	1.2
1740.0	1722.7	2.449	2.328	34.588	27.615	35.630	27.605	56.8	19.985	.0	1488.4	22330.8	9.4
1760.0	1742.4	2.411	2.289	34.590	27.620	35.728	27.610	56.3	20.097	.0	1488.5	22725.7	.0
1780.0	1762.2	2.394	2.270	34.592	27.623	35.822	27.613	56.0	20.210	.0	1488.8	23122.9	-.5
1800.0	1781.9	2.363	2.237	34.595	27.628	35.918	27.618	55.5	20.321	.0	1489.0	23522.2	-1.7
1820.0	1801.6	2.332	2.206	34.599	27.634	36.016	27.623	55.0	20.432	.0	1489.2	23923.7	2.1
1840.0	1821.3	2.297	2.170	34.601	27.639	36.113	27.628	54.5	20.542	.0	1489.4	24327.3	7.4
1860.0	1841.0	2.253	2.124	34.605	27.645	36.212	27.635	53.8	20.650	.0	1489.5	24733.0	.7
1880.0	1860.7	2.244	2.114	34.606	27.647	36.304	27.636	53.7	20.757	.0	1489.8	25140.7	.7
1900.0	1880.3	2.208	2.077	34.609	27.652	36.401	27.642	53.1	20.864	.0	1490.0	25550.6	4.2
1920.0	1900.0	2.207	2.074	34.609	27.653	36.492	27.642	53.2	20.971	.0	1490.3	25962.5	4.5
1940.0	1919.7	2.197	2.063	34.610	27.654	36.584	27.643	53.1	21.077	.0	1490.6	26376.5	2.8
1960.0	1939.4	2.190	2.054	34.610	27.655	36.675	27.644	53.1	21.183	.0	1490.9	26792.5	.8
1980.0	1959.1	2.186	2.048	34.611	27.656	36.767	27.645	53.1	21.289	.0	1491.2	27210.6	1.1
2000.0	1978.8	2.180	2.041	34.611	27.657	36.858	27.646	53.1	21.396	.0	1491.6	27630.7	3.4
2050.0	2028.0	2.110	1.968	34.618	27.668	37.098	27.657	51.9	21.658	.0	1492.1	28689.9	.8
2098.0	2075.2	2.076	1.930	34.621	27.674	37.321	27.662	51.5	21.906	.0	1492.8	29718.6	.0

Station 57 Latitude 31° 59.94'N Longitude 126° 58.94'W 02 May 1991 GMT 18:21 Bottom 3750 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.004	15.004	33.179	24.568	24.568	24.568	335.9	.000	.0	1505.2	.0	.0
10.0	10.0	15.005	15.003	33.182	24.571	24.615	24.571	335.9	.336	.0	1505.3	1.7	.4
20.0	19.9	15.008	15.005	33.184	24.572	24.660	24.571	336.1	.672	.0	1505.5	6.7	.7
30.0	29.9	15.004	15.000	33.184	24.573	24.705	24.572	336.4	1.008	.0	1505.7	15.1	.7
40.0	39.8	14.970	14.964	33.181	24.578	24.755	24.577	336.1	1.345	.0	1505.7	26.8	177.3
50.0	49.8	14.349	14.342	33.156	24.691	24.913	24.690	325.6	1.673	.0	1503.8	41.8	11.5
60.0	59.8	14.237	14.228	33.143	24.705	24.971	24.703	324.6	1.997	.0	1503.6	60.1	-1.2
70.0	69.7	14.215	14.205	33.144	24.711	25.021	24.709	324.3	2.322	.0	1503.7	81.6	9.1
80.0	79.7	14.196	14.184	33.147	24.718	25.072	24.715	323.9	2.646	.0	1503.8	106.4	9.7
90.0	89.7	14.244	14.231	33.184	24.737	25.135	24.734	322.4	2.969	.0	1504.2	134.3	29.6
100.0	99.6	14.217	14.203	33.207	24.760	25.203	24.757	320.5	3.291	.0	1504.3	165.5	33.1
110.0	109.6	13.880	13.865	33.180	24.809	25.297	24.806	316.0	3.608	.0	1503.3	199.8	65.9
120.0	119.5	13.617	13.601	33.190	24.871	25.404	24.868	310.3	3.921	.0	1502.6	237.3	55.6
130.0	129.5	12.665	12.648	33.152	25.031	25.611	25.028	295.2	4.225	.0	1499.5	277.9	155.0
140.0	139.4	11.361	11.343	33.053	25.199	25.827	25.196	279.1	4.511	.0	1495.1	321.4	170.2
150.0	149.4	10.320	10.303	33.116	25.431	26.106	25.428	257.0	4.780	.0	1491.6	367.6	85.7
160.0	159.3	9.797	9.780	33.183	25.570	26.292	25.567	243.8	5.030	.0	1489.9	416.4	35.5
170.0	169.3	9.620	9.601	33.255	25.656	26.424	25.653	235.8	5.271	.0	1489.5	467.7	128.3
180.0	179.2	9.294	9.274	33.368	25.797	26.611	25.794	222.6	5.501	.0	1488.6	521.2	84.4
190.0	189.2	9.278	9.257	33.489	25.894	26.754	25.891	213.5	5.720	.0	1488.9	577.0	83.8
200.0	199.1	9.237	9.216	33.534	25.936	26.841	25.933	209.7	5.931	.0	1488.9	635.0	81.2
210.0	209.1	8.982	8.960	33.620	26.044	26.995	26.041	199.6	6.136	.0	1488.3	695.0	104.6
220.0	219.0	8.987	8.963	33.729	26.129	27.125	26.125	191.8	6.332	.0	1488.6	756.9	88.8
230.0	228.9	8.795	8.770	33.779	26.198	27.240	26.195	185.3	6.521	.0	1488.1	820.8	74.1
240.0	238.9	8.815	8.789	33.830	26.235	27.322	26.231	182.0	6.704	.0	1488.4	886.5	25.2
250.0	248.8	8.768	8.741	33.883	26.284	27.417	26.280	177.5	6.884	.0	1488.5	954.0	40.4
260.0	258.8	8.625	8.598	33.924	26.339	27.517	26.335	172.5	7.059	.0	1488.1	1023.3	29.6
270.0	268.7	8.518	8.490	33.934	26.363	27.587	26.359	170.3	7.230	.0	1487.9	1094.3	33.1
280.0	278.6	8.290	8.262	33.974	26.429	27.700	26.425	164.1	7.397	.0	1487.3	1166.9	95.7
290.0	288.5	8.141	8.112	33.995	26.468	27.785	26.464	160.5	7.559	.0	1486.9	1241.2	9.6
300.0	298.5	7.996	7.966	34.009	26.501	27.864	26.496	157.6	7.719	.0	1486.5	1317.1	26.9
310.0	308.4	7.857	7.826	34.024	26.533	27.942	26.529	154.5	7.875	.0	1486.1	1394.5	33.3
320.0	318.3	7.705	7.673	34.029	26.559	28.015	26.555	152.2	8.028	.0	1485.7	1473.5	10.1
330.0	328.3	7.591	7.559	34.033	26.579	28.081	26.574	150.4	8.180	.0	1485.5	1554.0	16.0
340.0	338.2	7.394	7.361	34.028	26.603	28.152	26.599	148.1	8.329	.0	1484.9	1635.9	39.1
350.0	348.1	7.207	7.174	34.030	26.631	28.226	26.626	145.5	8.476	.0	1484.3	1719.4	33.2
360.0	358.1	7.123	7.089	34.027	26.640	28.282	26.636	144.7	8.622	.0	1484.1	1804.3	23.8
370.0	368.0	6.947	6.913	34.041	26.675	28.364	26.670	141.4	8.764	.0	1483.6	1890.6	2.4
380.0	377.9	6.797	6.762	34.041	26.696	28.432	26.691	139.5	8.905	.0	1483.2	1978.3	3.5
390.0	387.8	6.715	6.679	34.046	26.711	28.493	26.706	138.2	9.044	.0	1483.0	2067.3	35.1
400.0	397.8	6.611	6.574	34.053	26.730	28.559	26.726	136.4	9.181	.0	1482.8	2157.8	34.5
410.0	407.7	6.547	6.510	34.077	26.758	28.633	26.753	133.8	9.316	.0	1482.7	2249.6	25.2
420.0	417.6	6.500	6.462	34.086	26.771	28.691	26.766	132.7	9.449	.0	1482.7	2342.7	21.9
430.0	427.5	6.382	6.344	34.093	26.792	28.759	26.787	130.8	9.581	.0	1482.4	2437.1	35.4
440.0	437.5	6.364	6.325	34.114	26.811	28.824	26.806	129.1	9.710	.0	1482.5	2532.8	14.9
450.0	447.4	6.280	6.240	34.118	26.825	28.884	26.820	127.8	9.839	.0	1482.4	2629.8	9.3
460.0	457.3	6.226	6.186	34.129	26.841	28.946	26.836	126.5	9.966	.0	1482.3	2728.1	22.8
470.0	467.2	5.913	5.873	34.104	26.861	29.015	26.856	124.4	10.092	.0	1481.2	2827.6	1.7
480.0	477.1	5.937	5.896	34.128	26.877	29.076	26.872	123.0	10.215	.0	1481.5	2928.3	13.1
490.0	487.1	5.932	5.890	34.157	26.901	29.146	26.895	120.9	10.337	.0	1481.7	3030.2	7.2
500.0	497.0	5.897	5.854	34.165	26.911	29.202	26.906	120.0	10.458	.0	1481.7	3133.4	19.3
510.0	506.9	5.831	5.787	34.165	26.919	29.257	26.914	119.3	10.577	.0	1481.6	3237.7	12.2
520.0	516.8	5.784	5.740	34.173	26.932	29.316	26.927	118.2	10.696	.0	1481.6	3343.2	9.0
530.0	526.7	5.566	5.522	34.157	26.946	29.378	26.941	116.7	10.814	.0	1480.9	3449.8	6.6
540.0	536.7	5.489	5.444	34.164	26.961	29.440	26.955	115.4	10.930	.0	1480.7	3557.6	18.3
550.0	546.6	5.464	5.419	34.179	26.976	29.500	26.970	114.1	11.045	.0	1480.8	3666.6	10.1
560.0	556.5	5.387	5.340	34.193	26.996	29.567	26.991	112.1	11.158	.0	1480.7	3776.7	23.0
570.0	566.4	5.244	5.197	34.191	27.011	29.630	27.006	110.7	11.269	.0	1480.2	3887.8	10.7
580.0	576.3	5.288	5.240	34.208	27.020	29.684	27.014	110.0	11.380	.0	1480.6	4000.1	4.3
590.0	586.2	5.259	5.211	34.223	27.035	29.745	27.029	108.7	11.489	.0	1480.7	4113.5	13.9
600.0	596.1	5.385	5.335	34.254	27.045	29.799	27.039	108.1	11.598	.0	1481.4	4227.9	7.8
610.0	606.0	5.302	5.252	34.262	27.061	29.861	27.055	106.6	11.705	.0	1481.2	4343.4	12.5
620.0	616.0	5.223	5.172	34.264	27.072	29.919	27.066	105.6	11.811	.0	1481.1	4459.9	20.7
630.0	625.9	5.301	5.249	34.291	27.084	29.976	27.078	104.6	11.916	.0	1481.6	4577.5	12.5
640.0	635.8	5.318	5.265	34.304	27.092	30.029	27.086	104.0	12.021	.0	1481.8	4696.1	6.1
650.0	645.7	5.369	5.314	34.329	27.106	30.088	27.100	102.9	12.124	.0	1482.2	4815.8	6.4
660.0	655.6	5.331	5.276	34.338	27.118	30.146	27.112	101.9	12.227	.0	1482.3	4936.4	26.0
670.0	665.5	5.287	5.231	34.346	27.130	30.204	27.124	100.8	12.328	.0	1482.3	5058.1	16.7
680.0	675.4	5.217	5.161	34.349	27.141	30.261	27.134	99.8	12.428	.0	1482.1	5180.7	5.8
690.0	685.3	5.178	5.122	34.356	27.151	30.317	27.144	98.9	12.528	.0	1482.2	5304.4	6.7
700.0	695.2	5.122	5.065	34.359	27.160	30.373	27.153	98.1	12.626	.0	1482.1	5429.0	8.1
710.0	705.2	5.043	4.985	34.360	27.169	30.429	27.163	97.2	12.724	.0	1481.9	5554.5	20.4
720.0	715.0	4.982	4.924	34.367	27.182	30.489	27.175	96.0	12.820	.0	1481.9	5681.1	10.5
730.0	725.0	4.873	4.815	34.360	27.189	30.543	27.182	95.3	12.916	.0	1481.6	5808.5	2.3
740.0	734.9	4.819	4.760	34.361	27.196	30.597	27.190	94.6	13.011	.0	1481.5	5936.9	4.9
750.0	744.8	4.823	4.763	34.373	27.205	30.651	27.198	93.9	13.105	.0	1481.7	6066.3	18.1
760.0	754.7	4.798	4.737	34.379	27.213	30.705	27.206	93.3	13.199	.0	1481.8	6196.5	1.7
770.0	764.6	4.757	4.696	34.380	27.218	30.757	27.211	92.8	13.292	.0	1481.8	6327.7	5.8
780.0	774.5	4.677	4.615	34.381	27.228	30.814	27.221	91.8	13.384	.0	1481.6	6459.8	-.7
790.0	784.4	4.622	4.560	34.385	27.237	30.870	27.231	90.9	13.475	.0	1481.5	6592.7	5.5
800.0	794.3	4.601	4.538	34.389	27.243	30.922	27.236	90.5	13.566	.0	1481.6	6726.6	4.0
810.0	804.2	4.578	4.514	34.393	27.249	30.973	27.242	90.0	13.656	.0	1481.7	6861.4	9.9
820.0	814.1	4.536	4.471	34.401	27.260	31.031	27.253	89.0	13.745	.0	1481.7	6997.0	9.0
830.0	824.0	4.499	4.434	34.407	27.268	31.086	27.261	88.2	13.834	.0	1481.7	7133.6	8.4
840.0	833.9	4.464	4.399	34.411	27.275	31.139	27.268	87.6	13.922	.0	1481.8	7271.0	2.3
850.0	843.8	4.427	4.361	34.414	27.282	31.192	27.275	87.0	14.009	.0	1481.8	7409.2	6.1
860.0	853.7	4.393	4.326	34.417	27.288	31.245	27.281	86.4	14.096	.0	1481.8	7548.3	9.6
870.0	863.6	4.295	4.228	34.413	27.295	31.300	27.288	85.7	14.182	.0	1481.5	7688.3	10.2
880.0	873.5	4.287	4.220	34.422	27.303	31.353	27.296	85.0	14.268	.0	1481.7	7829.0	10.2
890.0	883.4	4.281	4.212	34.426	27.307	31.403	27.300	84.8	14.352	.0	1481.8	7970.7	4.9
900.0	893.3	4.220	4.151	34.431	27.318	31.460	27.311	83.7	14.436	.0	1481.7	8113.1	4.3
910.0	903.2	4.183	4.113	34.435	27.325	31.514	27.317	83.1	14.520	.0	1481.8	8256.4	5.8
920.0	913.1	4.160	4.089	34.439	27.331	31.566	27.324	82.6	14.603	.0	1481.8	8400.5	6.1
930.0	923.0	4.143	4.072	34.442	27.334	31.615	27.327	82.3	14.685	.0	1481.9	8545.4	4.9
940.0	932.8	4.129	4.058	34.450	27.342	31.669	27.335	81.6	14.767	.0	1482.1	8691.1	2.3
950.0	942.7	4.121	4.049	34.455	27.347	31.720	27.340	81.2	14.849	.0	1482.2	8837.6	10.2
960.0	952.6	4.076	4.003	34.458	27.355	31.774	27.347	80.5	14.929	.0	1482.2	8984.9	3.8
970.0	962.5	4.044	3.970	34.460	27.360	31.825	27.352	80.1	15.010	.0	1482.2	9133.0	2.9
980.0	972.4	4.032	3.958	34.462	27.363	31.874	27.355	79.8	15.090	.0	1482.3	9281.9	1.7
990.0	982.3	4.010	3.935	34.465	27.367	31.924	27.359	79.5	15.170	.0	1482.4	9431.5	7.6

Station 57 Latitude 31° 59.94'N Longitude 126° 58.94'W 02 May 1991 GMT 18:21 Bottom 3750 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.971	3.896	34.466	27.372	31.976	27.364	79.0	15.249	.0	1482.4	9582.0	5.5
1020.0	1012.0	3.908	3.832	34.474	27.385	32.082	27.377	77.8	15.406	.0	1482.5	9885.2	4.1
1040.0	1031.8	3.830	3.752	34.472	27.392	32.181	27.384	77.2	15.561	.0	1482.5	10191.4	6.7
1060.0	1051.5	3.830	3.751	34.481	27.398	32.279	27.390	76.7	15.715	.0	1482.8	10500.7	4.4
1080.0	1071.3	3.776	3.695	34.482	27.405	32.379	27.397	76.1	15.868	.0	1482.9	10812.9	4.1
1100.0	1091.1	3.661	3.580	34.484	27.418	32.486	27.410	74.8	16.018	.0	1482.8	11128.2	1.7
1120.0	1110.9	3.622	3.539	34.491	27.428	32.587	27.420	74.0	16.167	.0	1482.9	11446.3	4.1
1140.0	1130.6	3.575	3.491	34.498	27.438	32.690	27.430	73.0	16.314	.0	1483.1	11767.4	7.0
1160.0	1150.4	3.504	3.419	34.501	27.447	32.792	27.439	72.2	16.459	.0	1483.1	12091.3	6.5
1180.0	1170.2	3.463	3.377	34.506	27.455	32.893	27.447	71.5	16.603	.0	1483.3	12418.0	.0
1200.0	1189.9	3.419	3.331	34.510	27.463	32.993	27.455	70.8	16.745	.0	1483.4	12747.5	5.6
1220.0	1209.7	3.377	3.289	34.516	27.472	33.094	27.463	70.0	16.885	.0	1483.6	13079.8	7.9
1240.0	1229.4	3.343	3.253	34.519	27.477	33.191	27.469	69.6	17.025	.0	1483.8	13414.8	.6
1260.0	1249.2	3.311	3.220	34.520	27.482	33.287	27.473	69.2	17.164	.0	1484.0	13752.5	2.7
1280.0	1268.9	3.288	3.196	34.525	27.488	33.386	27.479	68.7	17.302	.0	1484.2	14093.0	1.8
1300.0	1288.7	3.237	3.143	34.525	27.493	33.483	27.484	68.2	17.438	.0	1484.3	14436.1	4.2
1320.0	1308.5	3.212	3.117	34.527	27.497	33.578	27.488	67.9	17.575	.0	1484.6	14781.8	3.3
1340.0	1328.2	3.177	3.080	34.530	27.503	33.677	27.494	67.4	17.710	.0	1484.7	15130.3	1.3
1360.0	1347.9	3.127	3.030	34.534	27.510	33.777	27.501	66.7	17.844	.0	1484.9	15481.3	8.0
1380.0	1367.7	3.060	2.961	34.539	27.521	33.880	27.512	65.6	17.976	.0	1484.9	15834.9	.7
1400.0	1387.4	3.027	2.927	34.542	27.526	33.978	27.517	65.2	18.107	.0	1485.1	16191.1	4.2
1420.0	1407.2	2.992	2.891	34.546	27.532	34.076	27.523	64.6	18.237	.0	1485.3	16549.8	4.8
1440.0	1426.9	2.948	2.846	34.549	27.539	34.175	27.530	63.9	18.365	.0	1485.5	16911.1	3.1
1460.0	1446.7	2.920	2.817	34.552	27.544	34.272	27.535	63.5	18.493	.0	1485.7	17274.8	2.2
1480.0	1466.4	2.876	2.771	34.555	27.551	34.371	27.541	62.9	18.619	.0	1485.8	17641.0	1.9
1500.0	1486.1	2.854	2.747	34.558	27.555	34.467	27.545	62.5	18.744	.0	1486.1	18009.7	3.7
1520.0	1505.8	2.826	2.719	34.559	27.559	34.562	27.549	62.2	18.869	.0	1486.3	18380.7	4.6
1540.0	1525.6	2.792	2.684	34.562	27.564	34.659	27.554	61.7	18.993	.0	1486.5	18754.2	2.5
1560.0	1545.3	2.764	2.654	34.564	27.568	34.755	27.559	61.3	19.116	.0	1486.7	19130.1	2.6
1580.0	1565.0	2.734	2.622	34.567	27.573	34.852	27.564	60.9	19.238	.0	1486.9	19508.4	4.0
1600.0	1584.8	2.687	2.575	34.570	27.580	34.951	27.570	60.2	19.359	.0	1487.0	19889.0	.8
1620.0	1604.5	2.661	2.547	34.572	27.584	35.047	27.574	59.9	19.479	.0	1487.2	20272.0	.5
1640.0	1624.2	2.626	2.510	34.575	27.589	35.144	27.579	59.4	19.598	.0	1487.4	20657.3	5.2
1660.0	1643.9	2.604	2.488	34.576	27.592	35.239	27.582	59.1	19.717	.0	1487.7	21044.9	7.0
1680.0	1663.6	2.562	2.444	34.579	27.598	35.337	27.588	58.5	19.835	.0	1487.8	21434.8	7.3
1700.0	1683.3	2.548	2.429	34.581	27.601	35.430	27.590	58.3	19.951	.0	1488.1	21826.9	2.6
1720.0	1703.1	2.511	2.391	34.583	27.605	35.528	27.595	57.8	20.067	.0	1488.3	22221.4	.9
1740.0	1722.8	2.470	2.349	34.586	27.612	35.626	27.602	57.2	20.183	.0	1488.4	22618.0	6.8
1760.0	1742.5	2.442	2.319	34.590	27.617	35.723	27.607	56.7	20.296	.0	1488.7	23016.9	6.5
1780.0	1762.2	2.408	2.284	34.592	27.622	35.820	27.612	56.2	20.409	.0	1488.8	23418.0	.3
1800.0	1781.9	2.372	2.247	34.595	27.627	35.917	27.617	55.6	20.521	.0	1489.0	23821.2	-1.1
1820.0	1801.6	2.349	2.222	34.597	27.631	36.012	27.620	55.3	20.632	.0	1489.3	24226.7	.7
1840.0	1821.3	2.312	2.184	34.600	27.637	36.110	27.626	54.8	20.743	.0	1489.4	24634.2	1.8
1860.0	1841.0	2.295	2.166	34.602	27.639	36.203	27.628	54.5	20.852	.0	1489.7	25043.9	1.6
1880.0	1860.7	2.280	2.149	34.603	27.642	36.297	27.631	54.3	20.961	.0	1490.0	25455.7	2.8
1900.0	1880.4	2.233	2.101	34.607	27.649	36.397	27.638	53.6	21.069	.0	1490.1	25869.5	2.8
1920.0	1900.1	2.220	2.087	34.608	27.651	36.490	27.640	53.4	21.175	.0	1490.4	26285.5	-.2
1940.0	1919.8	2.190	2.056	34.612	27.656	36.587	27.646	52.9	21.282	.0	1490.6	26703.5	.7
1960.0	1939.4	2.167	2.031	34.615	27.661	36.682	27.650	52.5	21.387	.0	1490.8	27123.5	.5
1980.0	1959.1	2.138	2.001	34.617	27.665	36.778	27.654	52.0	21.492	.0	1491.1	27545.6	2.2
2000.0	1978.8	2.131	1.992	34.617	27.666	36.869	27.655	52.0	21.596	.0	1491.4	27969.7	-.7
2050.0	2028.0	2.082	1.940	34.622	27.674	37.105	27.662	51.3	21.854	.0	1492.0	29038.7	1.1
2098.0	2075.3	2.037	1.891	34.627	27.681	37.331	27.670	50.6	22.098	.0	1492.6	30076.5	.0

Station 58 Latitude 31° 53.00'N Longitude 127° 03.11'W 02 May 1991 GMT 20:35 Bottom 4280 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.925	14.925	33.174	24.582	24.581	24.581	334.6	.000	.0	1504.9	.0	.0
10.0	10.0	14.922	14.920	33.173	24.581	24.625	24.581	334.9	.335	.0	1505.1	1.7	3.0
20.0	19.9	14.920	14.917	33.173	24.582	24.671	24.582	335.1	.670	.0	1505.2	6.7	-2.5
30.0	29.9	14.909	14.905	33.173	24.585	24.718	24.584	335.2	1.005	.0	1505.3	15.0	3.6
40.0	39.8	14.907	14.901	33.173	24.586	24.762	24.584	335.4	1.340	.0	1505.5	26.7	2.2
50.0	49.8	14.903	14.896	33.174	24.587	24.808	24.586	335.5	1.676	.0	1505.7	41.7	.7
60.0	59.8	14.879	14.870	33.172	24.591	24.856	24.590	335.5	2.011	.0	1505.7	60.1	73.6
70.0	69.7	14.365	14.355	33.146	24.681	24.991	24.679	327.1	2.341	.0	1504.2	81.8	17.9
80.0	79.7	14.297	14.286	33.148	24.697	25.051	24.695	325.9	2.668	.0	1504.2	106.7	11.8
90.0	89.7	14.156	14.143	33.143	24.724	25.122	24.721	323.6	2.993	.0	1503.9	134.9	28.1
100.0	99.6	14.001	13.986	33.123	24.740	25.183	24.737	322.3	3.316	.0	1503.5	166.3	12.3
110.0	109.6	13.913	13.897	33.135	24.768	25.255	24.764	320.0	3.638	.0	1503.4	201.0	83.7
120.0	119.5	13.515	13.498	33.171	24.877	25.410	24.874	309.8	3.953	.0	1502.3	238.8	69.0
130.0	129.5	12.161	12.144	33.074	25.067	25.647	25.064	291.6	4.256	.0	1497.7	279.6	219.6
140.0	139.4	11.345	11.328	33.076	25.219	25.847	25.216	277.2	4.539	.0	1495.0	323.4	147.1
150.0	149.4	10.769	10.751	33.134	25.367	26.042	25.364	263.2	4.807	.0	1493.2	369.9	41.0
160.0	159.3	10.197	10.178	33.159	25.485	26.206	25.482	252.0	5.065	.0	1491.3	419.0	98.9
170.0	169.3	9.764	9.745	33.248	25.626	26.394	25.623	238.7	5.310	.0	1490.0	470.7	88.0
180.0	179.2	9.459	9.439	33.350	25.757	26.570	25.753	226.4	5.543	.0	1489.2	524.6	104.3
190.0	189.2	9.306	9.285	33.431	25.845	26.704	25.841	218.2	5.765	.0	1488.9	580.9	82.9
200.0	199.1	9.190	9.169	33.533	25.943	26.848	25.940	209.1	5.978	.0	1488.8	639.3	85.0
210.0	209.1	9.112	9.090	33.652	26.049	26.999	26.045	199.2	6.181	.0	1488.8	699.7	103.1
220.0	219.0	8.974	8.950	33.791	26.180	27.175	26.176	187.0	6.372	.0	1488.6	762.1	72.1
230.0	228.9	8.802	8.778	33.878	26.274	27.316	26.271	178.1	6.555	.0	1488.3	826.3	96.9
240.0	238.9	8.683	8.658	33.911	26.320	27.407	26.316	174.0	6.731	.0	1488.0	892.4	10.8
250.0	248.8	8.564	8.538	33.934	26.356	27.489	26.352	170.6	6.904	.0	1487.8	960.1	23.7
260.0	258.8	8.411	8.384	33.962	26.402	27.581	26.397	166.4	7.073	.0	1487.4	1029.5	82.2
270.0	268.7	8.282	8.254	33.980	26.435	27.660	26.431	163.4	7.237	.0	1487.1	1100.6	25.4
280.0	278.6	8.029	8.001	34.005	26.492	27.764	26.488	158.0	7.398	.0	1486.3	1173.3	34.7
290.0	288.5	7.904	7.875	34.012	26.516	27.835	26.512	155.8	7.555	.0	1486.0	1247.6	15.4
300.0	298.5	7.754	7.724	34.031	26.554	27.918	26.549	152.4	7.710	.0	1485.6	1323.4	41.1
310.0	308.4	7.668	7.637	34.048	26.579	27.990	26.575	150.1	7.861	.0	1485.4	1400.7	40.8
320.0	318.4	7.528	7.497	34.056	26.606	28.063	26.601	147.6	8.010	.0	1485.1	1479.5	23.0
330.0	328.3	7.405	7.374	34.058	26.625	28.128	26.620	145.9	8.156	.0	1484.8	1559.8	31.1
340.0	338.2	7.123	7.091	34.044	26.654	28.205	26.649	143.1	8.301	.0	1483.8	1641.5	29.6
350.0	348.1	7.004	6.972	34.042	26.668	28.265	26.664	141.8	8.443	.0	1483.5	1724.6	8.2
360.0	358.1	6.825	6.792	34.045	26.695	28.339	26.690	139.3	8.584	.0	1483.0	1809.1	27.2
370.0	368.0	6.686	6.653	34.038	26.708	28.399	26.704	138.1	8.722	.0	1482.6	1895.0	21.4
380.0	377.9	6.578	6.544	34.053	26.734	28.472	26.729	135.7	8.859	.0	1482.3	1982.3	24.0
390.0	387.8	6.499	6.464	34.065	26.755	28.538	26.750	133.9	8.994	.0	1482.2	2070.9	23.1
400.0	397.8	6.309	6.274	34.068	26.782	28.613	26.777	131.3	9.126	.0	1481.6	2160.8	13.7
410.0	407.7	6.375	6.338	34.106	26.803	28.679	26.798	129.5	9.257	.0	1482.1	2252.0	16.1
420.0	417.6	6.141	6.105	34.091	26.822	28.746	26.817	127.6	9.385	.0	1481.3	2344.5	19.5
430.0	427.5	6.099	6.062	34.106	26.838	28.808	26.833	126.1	9.512	.0	1481.3	2438.3	12.2
440.0	437.5	6.090	6.052	34.116	26.847	28.863	26.843	125.4	9.637	.0	1481.4	2533.3	5.8
450.0	447.4	6.028	5.989	34.135	26.871	28.932	26.865	123.3	9.762	.0	1481.4	2629.5	27.4
460.0	457.3	5.987	5.947	34.161	26.896	29.004	26.892	121.0	9.884	.0	1481.4	2727.0	16.0
470.0	467.2	5.838	5.797	34.166	26.919	29.074	26.914	118.8	10.004	.0	1481.0	2825.7	35.0
480.0	477.1	5.779	5.739	34.175	26.934	29.135	26.928	117.5	10.122	.0	1480.9	2925.5	19.8
490.0	487.1	5.749	5.708	34.189	26.949	29.196	26.944	116.2	10.239	.0	1481.0	3026.5	9.8
500.0	497.0	5.801	5.759	34.215	26.963	29.255	26.958	115.1	10.355	.0	1481.4	3128.6	15.7
510.0	506.9	5.870	5.826	34.242	26.976	29.312	26.970	114.1	10.469	.0	1481.9	3231.9	5.2
520.0	516.8	5.814	5.769	34.247	26.987	29.369	26.981	113.1	10.583	.0	1481.8	3336.2	4.0
530.0	526.7	5.787	5.742	34.252	26.994	29.423	26.989	112.5	10.696	.0	1481.9	3441.8	10.2
540.0	536.7	5.747	5.701	34.262	27.007	29.482	27.001	111.4	10.808	.0	1481.9	3548.4	17.8
550.0	546.6	5.752	5.705	34.275	27.017	29.537	27.011	110.6	10.918	.0	1482.1	3656.1	11.4
560.0	556.5	5.702	5.655	34.283	27.029	29.596	27.023	109.5	11.028	.0	1482.1	3764.9	9.6
570.0	566.4	5.541	5.493	34.275	27.042	29.657	27.037	108.2	11.137	.0	1481.6	3874.8	5.2
580.0	576.3	5.475	5.426	34.278	27.053	29.714	27.047	107.2	11.245	.0	1481.5	3985.7	9.6
590.0	586.2	5.515	5.466	34.293	27.060	29.766	27.054	106.7	11.352	.0	1481.8	4097.7	5.5
600.0	596.1	5.423	5.373	34.287	27.066	29.819	27.060	106.1	11.458	.0	1481.6	4210.8	9.9
610.0	606.0	5.293	5.242	34.281	27.077	29.878	27.072	105.0	11.564	.0	1481.2	4324.9	11.0
620.0	616.0	5.217	5.167	34.286	27.090	29.938	27.084	103.8	11.668	.0	1481.1	4440.0	18.3
630.0	625.9	5.233	5.182	34.304	27.103	29.995	27.097	102.8	11.771	.0	1481.3	4556.2	4.6
640.0	635.8	5.165	5.113	34.304	27.111	30.050	27.104	102.1	11.874	.0	1481.2	4673.3	2.2
650.0	645.7	5.105	5.052	34.306	27.119	30.105	27.113	101.3	11.976	.0	1481.1	4791.5	2.5
660.0	655.6	5.042	4.988	34.311	27.130	30.163	27.124	100.3	12.076	.0	1481.0	4910.7	6.9
670.0	665.5	4.963	4.909	34.314	27.142	30.222	27.136	99.1	12.176	.0	1480.9	5030.9	12.8
680.0	675.4	4.886	4.832	34.319	27.154	30.281	27.148	98.0	12.275	.0	1480.7	5152.0	20.1
690.0	685.3	4.853	4.798	34.327	27.165	30.337	27.159	97.0	12.372	.0	1480.8	5274.1	15.7
700.0	695.2	4.795	4.740	34.334	27.177	30.396	27.171	95.9	12.469	.0	1480.7	5397.1	11.9
710.0	705.1	4.755	4.699	34.343	27.189	30.454	27.183	94.8	12.564	.0	1480.7	5521.1	6.9
720.0	715.0	4.729	4.672	34.346	27.194	30.506	27.188	94.4	12.659	.0	1480.8	5646.1	8.4
730.0	725.0	4.643	4.586	34.345	27.203	30.562	27.197	93.6	12.753	.0	1480.6	5771.9	8.1
740.0	734.8	4.722	4.664	34.362	27.208	30.611	27.201	93.4	12.847	.0	1481.1	5898.7	8.4
750.0	744.8	4.681	4.622	34.368	27.217	30.666	27.210	92.5	12.939	.0	1481.1	6026.4	9.0
760.0	754.7	4.593	4.533	34.366	27.225	30.721	27.218	91.8	13.032	.0	1480.9	6155.0	4.0
770.0	764.6	4.516	4.456	34.360	27.229	30.773	27.222	91.3	13.123	.0	1480.8	6284.5	6.3
780.0	774.5	4.495	4.435	34.368	27.238	30.827	27.231	90.6	13.214	.0	1480.8	6414.9	9.5
790.0	784.4	4.472	4.411	34.374	27.245	30.881	27.238	89.9	13.304	.0	1480.9	6546.2	.2
800.0	794.3	4.454	4.392	34.377	27.249	30.931	27.242	89.6	13.394	.0	1481.0	6678.4	6.6
810.0	804.2	4.410	4.347	34.387	27.262	30.990	27.255	88.4	13.483	.0	1481.0	6811.5	5.4
820.0	814.1	4.385	4.321	34.393	27.269	31.043	27.262	87.8	13.571	.0	1481.1	6945.4	3.4
830.0	824.0	4.369	4.305	34.396	27.274	31.094	27.267	87.5	13.659	.0	1481.2	7080.2	7.8
840.0	833.9	4.361	4.296	34.399	27.277	31.143	27.270	87.3	13.747	.0	1481.3	7215.8	11.9
850.0	843.8	4.316	4.251	34.404	27.286	31.198	27.279	86.4	13.833	.0	1481.3	7352.4	12.2
860.0	853.7	4.283	4.217	34.409	27.293	31.252	27.286	85.8	13.919	.0	1481.3	7489.7	7.5
870.0	863.6	4.249	4.183	34.416	27.303	31.308	27.296	84.9	14.005	.0	1481.4	7627.9	8.4
880.0	873.5	4.212	4.145	34.419	27.309	31.361	27.302	84.3	14.089	.0	1481.4	7766.9	2.8
890.0	883.4	4.155	4.088	34.424	27.319	31.418	27.312	83.3	14.173	.0	1481.3	7906.8	16.3
900.0	893.3	4.136	4.068	34.430	27.326	31.470	27.319	82.8	14.256	.0	1481.4	8047.5	5.8
910.0	903.2	4.089	4.021	34.435	27.335	31.526	27.327	82.0	14.339	.0	1481.4	8188.9	9.6
920.0	913.0	4.066	3.997	34.439	27.341	31.578	27.333	81.4	14.420	.0	1481.4	8331.2	6.9
930.0	923.0	4.032	3.962	34.444	27.348	31.632	27.341	80.8	14.501	.0	1481.5	8474.3	10.2
940.0	932.8	4.005	3.934	34.446	27.352	31.682	27.345	80.4	14.582	.0	1481.5	8618.2	5.2
950.0	942.7	3.982	3.911	34.450	27.358	31.734	27.351	79.9	14.662	.0	1481.6	8762.9	2.6
960.0	952.6	3.962	3.890	34.453	27.362	31.785	27.355	79.5	14.742	.0	1481.7	8908.3	.8
970.0	962.5	3.941	3.869	34.459	27.369	31.837	27.362	78.9	14.821	.0	1481.8	9054.5	3.2
980.0	972.4	3.909	3.836	34.461	27.374	31.888	27.367	78.5	14.900	.0	1481.8	9201.5	6.4
990.0	982.3	3.885	3.811	34.465	27.380	31.940	27.372	78.0	14.978	.0	1481.9	9349.3	3.7

Station 58 Latitude 31° 53.00'N Longitude 127° 03.11'W 02 May 1991 GMT 20:35 Bottom 4280 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.867	3.792	34.467	27.383	31.990	27.376	77.7	15.056	.0	1482.0	9497.8	7.0
1020.0	1012.0	3.819	3.743	34.471	27.392	32.091	27.384	77.0	15.210	.0	1482.1	9797.2	7.6
1040.0	1031.8	3.782	3.705	34.476	27.399	32.191	27.392	76.4	15.364	.0	1482.3	10099.5	4.6
1060.0	1051.5	3.716	3.638	34.485	27.413	32.297	27.405	75.1	15.515	.0	1482.3	10404.9	4.4
1080.0	1071.3	3.674	3.595	34.491	27.423	32.398	27.415	74.3	15.664	.0	1482.5	10713.2	4.4
1100.0	1091.1	3.636	3.555	34.497	27.431	32.499	27.423	73.6	15.812	.0	1482.7	11024.4	4.1
1120.0	1110.8	3.603	3.521	34.500	27.437	32.597	27.429	73.1	15.959	.0	1482.9	11338.4	2.0
1140.0	1130.6	3.561	3.477	34.506	27.446	32.698	27.437	72.3	16.104	.0	1483.0	11655.3	4.1
1160.0	1150.4	3.515	3.430	34.509	27.453	32.797	27.444	71.7	16.248	.0	1483.2	11975.1	1.5
1180.0	1170.2	3.463	3.377	34.513	27.461	32.898	27.453	70.9	16.391	.0	1483.3	12297.6	5.0
1200.0	1189.9	3.435	3.348	34.514	27.465	32.994	27.457	70.6	16.533	.0	1483.5	12623.0	3.5
1220.0	1209.7	3.397	3.308	34.519	27.472	33.093	27.463	70.0	16.673	.0	1483.7	12951.1	5.3
1240.0	1229.4	3.348	3.258	34.522	27.480	33.194	27.471	69.3	16.813	.0	1483.8	13281.9	5.3
1260.0	1249.2	3.299	3.207	34.525	27.487	33.293	27.478	68.7	16.951	.0	1483.9	13615.4	3.3
1280.0	1268.9	3.278	3.185	34.527	27.491	33.388	27.482	68.4	17.088	.0	1484.2	13951.6	3.9
1300.0	1288.7	3.232	3.138	34.531	27.498	33.488	27.489	67.7	17.224	.0	1484.3	14290.5	.7
1320.0	1308.4	3.185	3.090	34.534	27.505	33.588	27.496	67.1	17.359	.0	1484.5	14632.0	7.7
1340.0	1328.2	3.128	3.032	34.538	27.514	33.689	27.505	66.2	17.492	.0	1484.5	14976.2	8.9
1360.0	1347.9	3.094	2.997	34.540	27.518	33.786	27.509	65.8	17.624	.0	1484.7	15322.9	6.3
1380.0	1367.7	3.048	2.949	34.543	27.525	33.885	27.516	65.2	17.755	.0	1484.9	15672.2	7.1
1400.0	1387.4	2.999	2.899	34.546	27.532	33.985	27.523	64.5	17.884	.0	1485.0	16024.0	1.6
1420.0	1407.2	2.956	2.855	34.550	27.539	34.084	27.530	63.8	18.013	.0	1485.2	16378.3	6.6
1440.0	1426.9	2.906	2.804	34.553	27.546	34.183	27.537	63.2	18.140	.0	1485.3	16735.1	1.9
1460.0	1446.7	2.859	2.756	34.556	27.552	34.283	27.543	62.5	18.265	.0	1485.4	17094.4	2.8
1480.0	1466.4	2.808	2.704	34.560	27.560	34.383	27.551	61.7	18.390	.0	1485.5	17456.0	2.5
1500.0	1486.1	2.776	2.670	34.562	27.565	34.480	27.556	61.3	18.513	.0	1485.7	17820.1	4.0
1520.0	1505.8	2.749	2.642	34.565	27.570	34.576	27.560	60.9	18.635	.0	1485.9	18186.6	1.3
1540.0	1525.6	2.722	2.614	34.567	27.574	34.672	27.565	60.5	18.756	.0	1486.2	18555.5	4.6
1560.0	1545.3	2.676	2.567	34.571	27.581	34.772	27.572	59.8	18.877	.0	1486.3	18926.7	4.9
1580.0	1565.0	2.652	2.542	34.573	27.585	34.867	27.575	59.5	18.996	.0	1486.5	19300.2	9.9
1600.0	1584.8	2.625	2.513	34.574	27.588	34.962	27.579	59.2	19.115	.0	1486.8	19676.0	3.7
1620.0	1604.5	2.607	2.494	34.576	27.592	35.057	27.582	58.9	19.233	.0	1487.0	20054.2	.8
1640.0	1624.2	2.573	2.458	34.579	27.597	35.154	27.587	58.4	19.350	.0	1487.2	20434.6	-.3
1660.0	1643.9	2.549	2.433	34.582	27.601	35.250	27.591	58.1	19.466	.0	1487.4	20817.3	4.7
1680.0	1663.6	2.525	2.407	34.583	27.604	35.345	27.594	57.8	19.582	.0	1487.7	21202.2	2.0
1700.0	1683.3	2.491	2.373	34.586	27.610	35.442	27.600	57.3	19.698	.0	1487.9	21589.4	.0
1720.0	1703.1	2.467	2.347	34.587	27.613	35.537	27.603	57.0	19.812	.0	1488.1	21978.8	1.8
1740.0	1722.8	2.447	2.326	34.589	27.616	35.631	27.606	56.7	19.925	.0	1488.3	22370.4	1.2
1760.0	1742.5	2.421	2.298	34.591	27.620	35.727	27.610	56.3	20.038	.0	1488.6	22764.2	2.1
1780.0	1762.2	2.402	2.278	34.593	27.624	35.822	27.613	56.0	20.151	.0	1488.8	23160.2	2.1
1800.0	1781.9	2.378	2.253	34.595	27.627	35.916	27.617	55.7	20.262	.0	1489.1	23558.3	2.4
1820.0	1801.6	2.339	2.213	34.598	27.633	36.015	27.622	55.1	20.373	.0	1489.2	23958.7	4.2
1840.0	1821.3	2.313	2.185	34.601	27.637	36.110	27.626	54.7	20.483	.0	1489.4	24361.1	2.4
1860.0	1841.0	2.286	2.157	34.603	27.641	36.206	27.631	54.3	20.592	.0	1489.7	24765.7	5.7
1880.0	1860.7	2.259	2.129	34.605	27.645	36.301	27.634	54.0	20.701	.0	1489.9	25172.3	.4
1900.0	1880.4	2.236	2.104	34.607	27.649	36.397	27.638	53.6	20.808	.0	1490.1	25581.1	3.9
1920.0	1900.1	2.207	2.074	34.610	27.653	36.493	27.642	53.1	20.915	.0	1490.3	25991.9	1.9
1940.0	1919.8	2.187	2.052	34.612	27.657	36.587	27.646	52.8	21.021	.0	1490.6	26404.8	2.8
1960.0	1939.4	2.170	2.034	34.613	27.659	36.681	27.648	52.6	21.126	.0	1490.8	26819.7	2.5
1980.0	1959.1	2.157	2.020	34.616	27.662	36.774	27.651	52.4	21.231	.0	1491.1	27236.6	-.7
2000.0	1978.8	2.134	1.996	34.618	27.666	36.869	27.654	52.0	21.336	.0	1491.4	27655.6	3.4
2050.0	2028.0	2.085	1.943	34.622	27.673	37.104	27.662	51.4	21.594	.0	1492.0	28711.8	.2
2100.0	2077.2	2.048	1.902	34.625	27.679	37.338	27.668	50.8	21.850	.0	1492.7	29780.4	.0
2100.0	2077.2	2.048	1.902	34.625	27.679	37.338	27.668	50.8	21.850	.0	1492.7	29780.4	.0

Station 59 Latitude 31° 40.03'N Longitude 127° 10.19'W 02 May 1991 GMT 23:25 Bottom 4300 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.077	15.077	33.151	24.531	24.531	24.531	339.4	.000	.0	1505.4	.0	.0
10.0	10.0	15.063	15.062	33.158	24.539	24.583	24.539	338.9	.339	.0	1505.5	1.7	11.8
20.0	19.9	15.009	15.006	33.158	24.552	24.640	24.551	338.1	.677	.0	1505.5	6.8	5.4
30.0	29.9	14.982	14.977	33.159	24.558	24.691	24.557	337.7	1.015	.0	1505.6	15.2	5.4
40.0	39.9	14.848	14.842	33.159	24.588	24.764	24.586	335.2	1.353	.0	1505.3	27.0	108.1
50.0	49.8	14.498	14.491	33.157	24.661	24.882	24.659	328.5	1.685	.0	1504.3	42.1	73.5
60.0	59.8	14.413	14.404	33.150	24.674	24.940	24.672	327.5	2.013	.0	1504.2	60.5	11.8
70.0	69.7	14.355	14.345	33.149	24.686	24.996	24.684	326.7	2.340	.0	1504.2	82.2	12.1
80.0	79.7	14.267	14.256	33.164	24.716	25.070	24.714	324.1	2.665	.0	1504.1	107.1	22.6
90.0	89.7	14.278	14.265	33.206	24.747	25.145	24.744	321.5	2.989	.0	1504.3	135.3	46.6
100.0	99.6	13.777	13.763	33.183	24.833	25.277	24.830	313.5	3.307	.0	1502.8	166.7	198.8
110.0	109.6	12.719	12.704	33.092	24.974	25.464	24.971	300.1	3.612	.0	1499.3	201.1	128.3
120.0	119.5	12.699	12.683	33.280	25.123	25.658	25.120	286.2	3.905	.0	1499.7	238.5	198.6
130.0	129.5	12.919	12.902	33.558	25.296	25.874	25.292	270.1	4.182	.0	1500.9	278.8	39.4
140.0	139.4	11.957	11.939	33.496	25.433	26.059	25.430	257.0	4.445	.0	1497.7	321.7	24.9
150.0	149.4	11.080	11.062	33.461	25.567	26.240	25.563	244.4	4.697	.0	1494.7	367.2	166.7
160.0	159.3	10.472	10.453	33.441	25.658	26.378	25.655	235.7	4.936	.0	1492.7	415.2	41.9
170.0	169.3	9.976	9.957	33.444	25.745	26.511	25.742	227.5	5.168	.0	1491.1	465.4	114.4
180.0	179.2	9.587	9.567	33.489	25.845	26.658	25.842	218.1	5.391	.0	1489.9	517.9	157.9
190.0	189.2	9.332	9.311	33.584	25.960	26.819	25.957	207.3	5.603	.0	1489.2	572.6	96.7
200.0	199.1	9.132	9.110	33.629	26.028	26.933	26.024	201.0	5.806	.0	1488.7	629.3	63.3
210.0	209.1	8.949	8.927	33.703	26.115	27.066	26.111	192.9	6.002	.0	1488.3	688.0	52.7
220.0	219.0	8.837	8.813	33.773	26.187	27.183	26.183	186.2	6.193	.0	1488.1	748.6	80.2
230.0	228.9	8.830	8.806	33.822	26.227	27.268	26.223	182.6	6.377	.0	1488.3	811.1	45.4
240.0	238.9	8.709	8.684	33.867	26.281	27.368	26.277	177.6	6.557	.0	1488.1	875.4	66.2
250.0	248.8	8.582	8.556	33.908	26.333	27.466	26.329	172.9	6.732	.0	1487.8	941.4	28.1
260.0	258.7	8.469	8.442	33.941	26.376	27.555	26.372	168.9	6.903	.0	1487.6	1009.1	53.9
270.0	268.7	8.360	8.332	33.971	26.416	27.641	26.412	165.2	7.070	.0	1487.4	1078.5	55.3
280.0	278.6	8.203	8.174	33.989	26.454	27.725	26.450	161.7	7.233	.0	1486.9	1149.6	21.6
290.0	288.5	8.094	8.065	33.992	26.473	27.790	26.469	160.0	7.394	.0	1486.7	1222.2	26.3
300.0	298.5	7.927	7.898	33.998	26.502	27.866	26.498	157.4	7.552	.0	1486.2	1296.5	15.4
310.0	308.4	7.697	7.667	34.002	26.539	27.949	26.535	153.9	7.708	.0	1485.5	1372.3	4.8
320.0	318.3	7.570	7.539	34.001	26.556	28.013	26.552	152.3	7.861	.0	1485.2	1449.6	2.5
330.0	328.3	7.404	7.372	34.004	26.583	28.086	26.578	149.9	8.013	.0	1484.7	1528.4	31.1
340.0	338.2	7.267	7.235	34.003	26.601	28.151	26.596	148.2	8.162	.0	1484.3	1608.7	4.5
350.0	348.1	7.068	7.035	34.004	26.630	28.227	26.625	145.5	8.308	.0	1483.7	1690.5	32.0
360.0	358.0	6.860	6.827	34.012	26.664	28.308	26.660	142.2	8.452	.0	1483.1	1773.7	22.3
370.0	368.0	6.735	6.701	34.016	26.684	28.375	26.679	140.4	8.594	.0	1482.7	1858.3	26.6
380.0	377.9	6.660	6.625	34.015	26.694	28.431	26.689	139.6	8.734	.0	1482.6	1944.3	17.8
390.0	387.8	6.470	6.435	34.025	26.726	28.510	26.722	136.5	8.872	.0	1482.0	2031.7	24.5
400.0	397.8	6.358	6.323	34.026	26.742	28.573	26.738	135.0	9.008	.0	1481.7	2120.4	14.3
410.0	407.7	6.244	6.208	34.033	26.762	28.639	26.757	133.2	9.142	.0	1481.5	2210.5	15.7
420.0	417.6	6.137	6.101	34.034	26.777	28.701	26.772	131.8	9.274	.0	1481.2	2301.8	5.2
430.0	427.5	6.062	6.025	34.035	26.787	28.757	26.782	130.9	9.406	.0	1481.1	2394.5	12.8
440.0	437.5	5.912	5.875	34.038	26.808	28.826	26.804	128.9	9.535	.0	1480.6	2488.5	12.7
450.0	447.4	5.827	5.789	34.041	26.821	28.886	26.817	127.7	9.663	.0	1480.5	2583.8	22.4
460.0	457.3	5.729	5.690	34.047	26.838	28.949	26.833	126.2	9.790	.0	1480.2	2680.3	18.0
470.0	467.2	5.638	5.599	34.057	26.857	29.015	26.853	124.4	9.915	.0	1480.0	2778.0	18.3
480.0	477.1	5.562	5.522	34.069	26.876	29.080	26.871	122.7	10.039	.0	1479.9	2877.0	1.0
490.0	487.1	5.551	5.510	34.071	26.879	29.129	26.874	122.5	10.161	.0	1480.0	2977.2	20.0
500.0	497.0	5.476	5.435	34.080	26.895	29.192	26.890	121.0	10.283	.0	1479.9	3078.6	25.9
510.0	506.9	5.438	5.396	34.097	26.913	29.256	26.908	119.4	10.403	.0	1479.9	3181.2	13.9
520.0	516.8	5.295	5.253	34.106	26.937	29.328	26.933	117.1	10.521	.0	1479.5	3284.9	21.2
530.0	526.7	5.209	5.167	34.105	26.947	29.384	26.942	116.2	10.638	.0	1479.3	3389.9	16.8
540.0	536.7	5.276	5.232	34.138	26.965	29.447	26.960	114.7	10.753	.0	1479.8	3495.9	25.0
550.0	546.6	5.043	5.000	34.126	26.983	29.513	26.978	112.8	10.867	.0	1479.0	3603.1	9.1
560.0	556.5	4.951	4.907	34.133	26.999	29.577	26.994	111.3	10.979	.0	1478.8	3711.4	22.9
570.0	566.4	4.926	4.880	34.143	27.010	29.634	27.005	110.3	11.090	.0	1478.9	3820.9	5.6
580.0	576.3	4.929	4.883	34.160	27.022	29.692	27.017	109.3	11.200	.0	1479.1	3931.4	-.8
590.0	586.2	4.851	4.805	34.161	27.032	29.749	27.027	108.3	11.309	.0	1478.9	4042.9	8.0
600.0	596.1	4.777	4.730	34.171	27.049	29.812	27.043	106.8	11.416	.0	1478.8	4155.6	8.0
610.0	606.0	4.870	4.821	34.197	27.059	29.866	27.053	106.1	11.523	.0	1479.4	4269.3	8.3
620.0	616.0	4.787	4.739	34.196	27.068	29.922	27.062	105.3	11.629	.0	1479.2	4384.0	18.2
630.0	625.9	4.819	4.769	34.220	27.083	29.983	27.078	104.0	11.733	.0	1479.5	4499.8	20.0
640.0	635.8	4.737	4.687	34.223	27.095	30.041	27.089	102.9	11.837	.0	1479.3	4616.6	2.1
650.0	645.7	4.735	4.685	34.236	27.105	30.097	27.099	102.0	11.939	.0	1479.5	4734.4	13.3
660.0	655.6	4.834	4.782	34.270	27.122	30.158	27.116	100.7	12.040	.0	1480.1	4853.2	6.6
670.0	665.5	4.716	4.663	34.268	27.133	30.217	27.127	99.6	12.141	.0	1479.8	4973.0	22.7
680.0	675.4	4.614	4.561	34.269	27.145	30.277	27.139	98.4	12.239	.0	1479.6	5093.8	7.1
690.0	685.3	4.595	4.541	34.275	27.152	30.329	27.146	97.8	12.337	.0	1479.6	5215.6	9.2
700.0	695.2	4.578	4.524	34.287	27.163	30.386	27.157	96.8	12.435	.0	1479.8	5338.3	10.6
710.0	705.2	4.544	4.489	34.292	27.171	30.441	27.165	96.1	12.531	.0	1479.8	5461.9	5.7
720.0	715.0	4.517	4.462	34.309	27.188	30.503	27.181	94.7	12.627	.0	1479.9	5586.5	5.1
730.0	725.0	4.436	4.379	34.308	27.196	30.559	27.190	93.8	12.721	.0	1479.7	5712.1	5.4
740.0	734.9	4.434	4.377	34.317	27.203	30.612	27.197	93.3	12.814	.0	1479.9	5838.6	14.2
750.0	744.8	4.430	4.372	34.329	27.213	30.667	27.207	92.4	12.907	.0	1480.0	5965.9	.4
760.0	754.7	4.409	4.351	34.338	27.222	30.723	27.216	91.6	12.999	.0	1480.1	6094.2	8.0
770.0	764.6	4.346	4.287	34.335	27.227	30.774	27.221	91.1	13.090	.0	1480.0	6223.4	10.4
780.0	774.5	4.345	4.286	34.350	27.240	30.832	27.233	90.1	13.181	.0	1480.2	6353.5	8.9
790.0	784.4	4.344	4.284	34.360	27.248	30.886	27.241	89.4	13.271	.0	1480.4	6484.5	13.0
800.0	794.3	4.314	4.253	34.369	27.258	30.942	27.251	88.5	13.360	.0	1480.4	6616.3	11.9
810.0	804.2	4.286	4.224	34.374	27.265	30.996	27.258	87.9	13.448	.0	1480.5	6749.0	11.3
820.0	814.1	4.210	4.148	34.375	27.273	31.052	27.267	87.1	13.535	.0	1480.3	6882.6	9.2
830.0	824.0	4.189	4.127	34.385	27.284	31.108	27.277	86.1	13.622	.0	1480.4	7017.0	6.6
840.0	833.9	4.177	4.113	34.393	27.292	31.162	27.285	85.5	13.708	.0	1480.5	7152.3	2.2
850.0	843.8	4.181	4.116	34.401	27.297	31.213	27.291	85.0	13.793	.0	1480.7	7288.4	6.6
860.0	853.7	4.139	4.074	34.408	27.308	31.270	27.301	84.1	13.878	.0	1480.7	7425.4	3.4
870.0	863.6	4.129	4.063	34.412	27.312	31.320	27.305	83.8	13.962	.0	1480.8	7563.2	11.0
880.0	873.5	4.107	4.041	34.421	27.321	31.375	27.315	82.9	14.045	.0	1480.9	7701.8	7.2
890.0	883.4	4.074	4.007	34.421	27.325	31.425	27.318	82.6	14.128	.0	1481.0	7841.2	3.4
900.0	893.3	4.031	3.964	34.426	27.333	31.480	27.326	81.8	14.210	.0	1481.0	7981.4	7.5
910.0	903.2	4.021	3.953	34.433	27.341	31.533	27.333	81.2	14.292	.0	1481.1	8122.4	5.5
920.0	913.1	4.008	3.939	34.439	27.346	31.585	27.339	80.8	14.373	.0	1481.2	8264.2	4.3
930.0	923.0	4.003	3.934	34.443	27.350	31.635	27.343	80.5	14.453	.0	1481.4	8406.9	2.2
940.0	932.8	3.961	3.890	34.448	27.358	31.689	27.351	79.7	14.533	.0	1481.3	8550.3	9.6
950.0	942.8	3.942	3.871	34.452	27.363	31.740	27.356	79.3	14.613	.0	1481.4	8694.5	5.8
960.0	952.6	3.911	3.840	34.455	27.369	31.792	27.362	78.8	14.692	.0	1481.5	8839.4	1.4
970.0	962.5	3.888	3.816	34.458	27.374	31.844	27.367	78.3	14.771	.0	1481.5	8985.1	2.3
980.0	972.4	3.861	3.788	34.462	27.380	31.895	27.372	77.9	14.849	.0	1481.6	9131.7	2.6
990.0	982.3	3.845	3.771	34.464	27.383	31.944	27.375	77.6	14.927	.0	1481.7	9278.9	3.1

Station 59 Latitude 31° 40.03'N Longitude 127° 10.19'W 02 May 1991 GMT 23:25 Bottom 4300 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.826	3.751	34.467	27.388	31.996	27.380	77.2	15.004	.0	1481.8	9426.9	4.9
1020.0	1012.0	3.791	3.715	34.474	27.397	32.097	27.390	76.4	15.157	.0	1482.0	9725.3	3.2
1040.0	1031.8	3.732	3.655	34.479	27.407	32.199	27.399	75.6	15.309	.0	1482.1	10026.5	6.1
1060.0	1051.5	3.677	3.599	34.484	27.416	32.301	27.408	74.7	15.459	.0	1482.2	10330.8	3.5
1080.0	1071.3	3.625	3.546	34.489	27.426	32.403	27.418	73.8	15.608	.0	1482.3	10638.0	10.8
1100.0	1091.1	3.590	3.509	34.493	27.432	32.502	27.424	73.3	15.755	.0	1482.5	10948.1	3.2
1120.0	1110.9	3.545	3.463	34.498	27.441	32.603	27.433	72.6	15.901	.0	1482.6	11261.0	4.1
1140.0	1130.6	3.505	3.422	34.503	27.449	32.703	27.440	71.9	16.045	.0	1482.8	11576.8	2.0
1160.0	1150.4	3.463	3.378	34.506	27.456	32.802	27.447	71.3	16.188	.0	1483.0	11895.3	2.6
1180.0	1170.2	3.404	3.318	34.511	27.465	32.904	27.457	70.4	16.330	.0	1483.0	12216.7	3.2
1200.0	1189.9	3.370	3.283	34.515	27.472	33.003	27.464	69.8	16.470	.0	1483.2	12540.8	1.5
1220.0	1209.7	3.330	3.242	34.519	27.479	33.102	27.470	69.2	16.609	.0	1483.4	12867.7	5.0
1240.0	1229.4	3.301	3.211	34.524	27.485	33.201	27.477	68.7	16.747	.0	1483.6	13197.2	10.9
1260.0	1249.2	3.253	3.162	34.528	27.493	33.301	27.485	67.9	16.884	.0	1483.7	13529.4	6.5
1280.0	1269.0	3.211	3.119	34.532	27.500	33.400	27.492	67.3	17.019	.0	1483.9	13864.3	6.2
1300.0	1288.7	3.153	3.060	34.537	27.510	33.503	27.502	66.3	17.153	.0	1484.0	14201.8	8.6
1320.0	1308.5	3.112	3.018	34.538	27.514	33.600	27.506	66.0	17.285	.0	1484.1	14541.9	.9
1340.0	1328.2	3.083	2.987	34.539	27.519	33.696	27.510	65.6	17.416	.0	1484.4	14884.5	5.6
1360.0	1348.0	3.055	2.958	34.543	27.524	33.793	27.516	65.1	17.547	.0	1484.6	15229.7	1.0
1380.0	1367.7	3.009	2.911	34.546	27.531	33.892	27.522	64.5	17.677	.0	1484.7	15577.5	2.2
1400.0	1387.4	2.953	2.854	34.551	27.540	33.994	27.531	63.6	17.805	.0	1484.8	15927.8	7.1
1420.0	1407.2	2.916	2.816	34.553	27.545	34.091	27.536	63.2	17.932	.0	1485.0	16280.5	.4
1440.0	1426.9	2.888	2.786	34.554	27.549	34.187	27.539	62.9	18.058	.0	1485.2	16635.7	6.0
1460.0	1446.7	2.853	2.750	34.559	27.556	34.286	27.546	62.2	18.183	.0	1485.4	16993.3	6.6
1480.0	1466.4	2.795	2.691	34.563	27.564	34.387	27.555	61.4	18.306	.0	1485.5	17353.4	3.7
1500.0	1486.1	2.751	2.646	34.563	27.568	34.484	27.559	60.9	18.429	.0	1485.6	17715.9	.4
1520.0	1505.9	2.726	2.619	34.566	27.573	34.580	27.563	60.5	18.550	.0	1485.8	18080.7	.5
1540.0	1525.6	2.702	2.595	34.568	27.576	34.675	27.567	60.2	18.671	.0	1486.1	18447.9	1.4
1560.0	1545.3	2.678	2.568	34.569	27.580	34.771	27.570	59.9	18.791	.0	1486.3	18817.4	2.0
1580.0	1565.1	2.652	2.541	34.572	27.584	34.866	27.574	59.6	18.910	.0	1486.5	19189.2	2.8
1600.0	1584.8	2.621	2.509	34.574	27.589	34.963	27.579	59.1	19.029	.0	1486.7	19563.4	1.7
1620.0	1604.5	2.589	2.476	34.577	27.594	35.060	27.584	58.6	19.147	.0	1486.9	19939.8	2.9
1640.0	1624.2	2.555	2.441	34.580	27.599	35.157	27.589	58.2	19.264	.0	1487.1	20318.5	2.9
1660.0	1643.9	2.518	2.402	34.583	27.605	35.255	27.595	57.6	19.379	.0	1487.3	20699.5	5.2
1680.0	1663.6	2.473	2.356	34.586	27.611	35.354	27.601	56.9	19.494	.0	1487.4	21082.7	.6
1700.0	1683.4	2.443	2.326	34.589	27.616	35.451	27.606	56.4	19.607	.0	1487.7	21468.1	-.3
1720.0	1703.1	2.428	2.308	34.591	27.619	35.545	27.609	56.2	19.720	.0	1487.9	21855.7	2.9
1740.0	1722.8	2.394	2.273	34.594	27.624	35.642	27.614	55.7	19.832	.0	1488.1	22245.5	2.1
1760.0	1742.5	2.350	2.228	34.598	27.632	35.742	27.621	55.0	19.942	.0	1488.3	22637.5	6.5
1780.0	1762.2	2.325	2.202	34.600	27.635	35.837	27.625	54.6	20.052	.0	1488.5	23031.5	2.1
1800.0	1781.9	2.296	2.171	34.602	27.639	35.933	27.629	54.2	20.161	.0	1488.7	23427.7	7.1
1820.0	1801.6	2.254	2.129	34.606	27.646	36.032	27.635	53.5	20.268	.0	1488.9	23826.0	3.0
1840.0	1821.3	2.230	2.103	34.608	27.649	36.127	27.639	53.2	20.375	.0	1489.1	24226.3	4.5
1860.0	1841.0	2.213	2.085	34.609	27.652	36.220	27.641	53.0	20.482	.0	1489.4	24628.8	.1
1880.0	1860.7	2.191	2.061	34.611	27.656	36.315	27.645	52.6	20.587	.0	1489.6	25033.2	.7
1900.0	1880.4	2.167	2.037	34.613	27.659	36.410	27.648	52.4	20.692	.0	1489.8	25439.7	.4
1920.0	1900.1	2.162	2.030	34.613	27.659	36.501	27.649	52.4	20.797	.0	1490.1	25848.3	.4
1940.0	1919.8	2.146	2.012	34.614	27.662	36.595	27.651	52.1	20.902	.0	1490.4	26258.8	-.4
1960.0	1939.5	2.121	1.986	34.618	27.667	36.691	27.656	51.7	21.005	.0	1490.6	26671.4	2.8
1980.0	1959.2	2.109	1.972	34.619	27.669	36.783	27.658	51.5	21.109	.0	1490.9	27085.9	-1.0
2000.0	1978.8	2.093	1.955	34.620	27.671	36.877	27.660	51.3	21.212	.0	1491.2	27502.5	1.1
2050.0	2028.0	2.050	1.909	34.624	27.677	37.111	27.666	50.8	21.466	.0	1491.9	28552.5	2.3
2098.0	2075.3	1.999	1.854	34.629	27.686	37.338	27.675	50.0	21.708	.0	1492.4	29572.0	.0

Station 60 Latitude 32° 02.89'N Longitude 126° 42.52'W 02 May 1991 GMT 3:54 Bottom 4180 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.956	14.956	33.160	24.564	24.564	24.564	336.3	.000	.0	1505.0	.0	.0
10.0	10.0	14.948	14.947	33.161	24.567	24.611	24.567	336.3	.336	.0	1505.1	1.7	3.0
20.0	19.9	14.961	14.958	33.162	24.565	24.653	24.564	336.8	.673	.0	1505.3	6.7	5.7
30.0	29.9	14.897	14.893	33.162	24.579	24.711	24.578	335.8	1.010	.0	1505.3	15.1	15.0
40.0	39.8	14.891	14.885	33.160	24.580	24.756	24.578	336.0	1.345	.0	1505.4	26.8	1.3
50.0	49.8	14.740	14.733	33.162	24.613	24.834	24.612	333.0	1.681	.0	1505.1	41.9	93.2
60.0	59.8	14.298	14.289	33.158	24.704	24.970	24.702	324.7	2.011	.0	1503.8	60.3	132.1
70.0	69.7	14.161	14.151	33.154	24.730	25.040	24.728	322.4	2.334	.0	1503.6	81.9	25.2
80.0	79.7	14.285	14.274	33.232	24.765	25.119	24.763	319.4	2.655	.0	1504.2	106.8	12.1
90.0	89.7	14.244	14.231	33.257	24.793	25.191	24.790	317.1	2.974	.0	1504.3	134.8	29.3
100.0	99.6	13.635	13.621	33.190	24.867	25.311	24.865	310.1	3.289	.0	1502.4	166.0	167.4
110.0	109.6	12.192	12.178	33.078	25.063	25.555	25.061	291.5	3.589	.0	1497.5	200.3	150.8
120.0	119.5	11.241	11.227	33.080	25.241	25.779	25.238	274.7	3.869	.0	1494.3	237.4	31.1
130.0	129.5	10.785	10.770	33.119	25.352	25.937	25.349	264.2	4.140	.0	1492.9	277.2	87.5
140.0	139.4	10.481	10.464	33.153	25.431	26.062	25.429	256.8	4.399	.0	1492.0	319.7	11.7
150.0	149.4	10.201	10.184	33.213	25.526	26.202	25.524	247.9	4.654	.0	1491.3	364.8	200.8
160.0	159.3	9.640	9.623	33.346	25.724	26.446	25.721	229.2	4.890	.0	1489.5	412.3	86.5
170.0	169.3	9.550	9.531	33.446	25.816	26.584	25.813	220.6	5.116	.0	1489.5	462.0	228.5
180.0	179.2	9.472	9.453	33.572	25.928	26.741	25.925	210.2	5.329	.0	1489.5	514.0	58.9
190.0	189.1	9.420	9.399	33.701	26.037	26.896	26.034	200.0	5.535	.0	1489.7	568.0	138.3
200.0	199.1	9.264	9.242	33.756	26.105	27.010	26.102	193.7	5.731	.0	1489.3	624.0	84.4
210.0	209.0	9.212	9.190	33.840	26.180	27.129	26.176	186.8	5.920	.0	1489.4	681.9	104.0
220.0	219.0	9.062	9.038	33.919	26.266	27.261	26.262	178.8	6.101	.0	1489.1	741.6	60.4
230.0	228.9	8.953	8.929	33.957	26.313	27.354	26.309	174.5	6.277	.0	1488.9	803.1	22.0
240.0	238.9	8.857	8.832	33.995	26.358	27.444	26.354	170.4	6.450	.0	1488.8	866.4	26.4
250.0	248.8	8.705	8.678	34.020	26.402	27.534	26.398	166.4	6.618	.0	1488.4	931.3	23.2
260.0	258.7	8.676	8.649	34.047	26.428	27.605	26.423	164.1	6.783	.0	1488.5	997.9	36.3
270.0	268.6	8.551	8.523	34.063	26.459	27.683	26.455	161.2	6.945	.0	1488.2	1066.1	31.9
280.0	278.6	8.397	8.368	34.079	26.495	27.765	26.491	158.0	7.104	.0	1487.8	1135.8	19.0
290.0	288.5	8.326	8.297	34.090	26.515	27.830	26.510	156.2	7.261	.0	1487.7	1207.2	26.9
300.0	298.5	8.208	8.177	34.097	26.538	27.900	26.534	154.1	7.417	.0	1487.4	1280.1	50.6
310.0	308.4	8.078	8.047	34.105	26.564	27.972	26.559	151.8	7.569	.0	1487.1	1354.5	10.8
320.0	318.3	8.042	8.009	34.114	26.577	28.030	26.572	150.7	7.720	.0	1487.1	1430.4	24.5
330.0	328.2	7.849	7.817	34.121	26.611	28.110	26.606	147.6	7.870	.0	1486.6	1507.8	16.9
340.0	338.2	7.722	7.688	34.115	26.625	28.170	26.620	146.3	8.016	.0	1486.2	1586.7	15.7
350.0	348.1	7.636	7.602	34.135	26.653	28.245	26.648	143.8	8.161	.0	1486.1	1667.0	3.7
360.0	358.0	7.440	7.405	34.120	26.670	28.308	26.665	142.2	8.304	.0	1485.5	1748.7	28.8
370.0	368.0	7.252	7.216	34.108	26.686	28.372	26.681	140.7	8.445	.0	1484.9	1831.9	30.3
380.0	377.9	7.247	7.211	34.132	26.706	28.437	26.701	139.0	8.585	.0	1485.1	1916.4	18.0
390.0	387.8	7.091	7.054	34.131	26.727	28.505	26.722	137.0	8.723	.0	1484.6	2002.3	3.3
400.0	397.7	6.991	6.953	34.133	26.742	28.567	26.737	135.6	8.859	.0	1484.4	2089.5	16.2
410.0	407.7	6.855	6.817	34.133	26.761	28.632	26.756	133.9	8.994	.0	1484.0	2178.1	32.6
420.0	417.6	6.812	6.773	34.146	26.777	28.694	26.772	132.5	9.127	.0	1484.0	2268.1	12.1
430.0	427.5	6.768	6.728	34.152	26.788	28.751	26.783	131.6	9.259	.0	1484.0	2359.3	8.0
440.0	437.4	6.736	6.696	34.161	26.800	28.808	26.794	130.6	9.390	.0	1484.1	2451.8	15.3
450.0	447.4	6.701	6.660	34.169	26.811	28.865	26.805	129.7	9.521	.0	1484.1	2545.6	31.4
460.0	457.3	6.654	6.612	34.176	26.822	28.922	26.816	128.7	9.649	.0	1484.1	2640.7	11.8
470.0	467.2	6.595	6.553	34.186	26.838	28.984	26.832	127.3	9.778	.0	1484.0	2737.1	11.8
480.0	477.1	6.527	6.484	34.193	26.853	29.045	26.847	126.0	9.905	.0	1483.9	2834.7	12.9
490.0	487.0	6.404	6.360	34.196	26.871	29.110	26.865	124.3	10.030	.0	1483.6	2933.6	16.4
500.0	497.0	6.304	6.260	34.196	26.884	29.170	26.878	123.0	10.153	.0	1483.4	3033.7	27.3
510.0	506.9	6.169	6.124	34.194	26.900	29.233	26.895	121.5	10.275	.0	1483.0	3135.0	10.0
520.0	516.8	6.132	6.086	34.201	26.911	29.290	26.905	120.6	10.396	.0	1483.0	3237.5	5.9
530.0	526.7	6.103	6.056	34.211	26.922	29.347	26.917	119.6	10.517	.0	1483.1	3341.2	16.4
540.0	536.6	6.061	6.013	34.215	26.931	29.402	26.925	119.0	10.636	.0	1483.1	3446.1	18.2
550.0	546.5	5.967	5.919	34.220	26.946	29.464	26.940	117.5	10.754	.0	1482.9	3552.2	14.6
560.0	556.5	5.905	5.856	34.228	26.960	29.524	26.954	116.2	10.871	.0	1482.8	3659.4	15.2
570.0	566.4	5.890	5.840	34.239	26.971	29.581	26.965	115.3	10.987	.0	1482.9	3767.8	11.7
580.0	576.3	5.817	5.767	34.250	26.990	29.646	26.983	113.6	11.101	.0	1482.8	3877.3	14.9
590.0	586.2	5.730	5.680	34.261	27.008	29.711	27.002	111.9	11.214	.0	1482.6	3987.9	19.9
600.0	596.1	5.666	5.615	34.267	27.021	29.770	27.015	110.7	11.325	.0	1482.6	4099.6	1.1
610.0	606.0	5.608	5.556	34.288	27.045	29.841	27.039	108.5	11.435	.0	1482.5	4212.4	25.7
620.0	615.9	5.530	5.478	34.299	27.064	29.906	27.057	106.8	11.543	.0	1482.4	4326.3	14.0
630.0	625.8	5.434	5.381	34.297	27.073	29.962	27.067	105.9	11.649	.0	1482.1	4441.2	7.0
640.0	635.8	5.352	5.299	34.291	27.078	30.014	27.072	105.4	11.755	.0	1482.0	4557.2	3.5
650.0	645.7	5.388	5.334	34.305	27.085	30.066	27.079	104.9	11.860	.0	1482.3	4674.2	14.3
660.0	655.6	5.341	5.286	34.312	27.097	30.124	27.090	103.9	11.965	.0	1482.3	4792.2	9.9
670.0	665.5	5.299	5.244	34.318	27.106	30.180	27.100	103.1	12.068	.0	1482.3	4911.3	12.8
680.0	675.4	5.268	5.211	34.320	27.112	30.231	27.105	102.6	12.171	.0	1482.3	5031.4	4.4
690.0	685.3	5.103	5.046	34.311	27.124	30.292	27.118	101.3	12.273	.0	1481.8	5152.5	9.3
700.0	695.2	5.022	4.965	34.317	27.138	30.353	27.131	100.0	12.373	.0	1481.6	5274.6	11.6
710.0	705.1	4.978	4.921	34.319	27.144	30.406	27.138	99.4	12.473	.0	1481.6	5397.7	4.0
720.0	715.0	4.933	4.875	34.322	27.152	30.460	27.145	98.7	12.572	.0	1481.6	5521.7	9.6
730.0	724.9	4.861	4.802	34.330	27.167	30.522	27.160	97.3	12.670	.0	1481.5	5646.7	19.8
740.0	734.8	4.842	4.783	34.339	27.176	30.577	27.169	96.6	12.767	.0	1481.6	5772.7	10.5
750.0	744.7	4.842	4.782	34.350	27.185	30.631	27.178	95.9	12.863	.0	1481.8	5899.6	9.3
760.0	754.6	4.809	4.748	34.352	27.191	30.683	27.184	95.4	12.959	.0	1481.8	6027.5	14.6
770.0	764.5	4.756	4.695	34.355	27.199	30.738	27.192	94.6	13.054	.0	1481.7	6156.3	5.5
780.0	774.5	4.703	4.641	34.360	27.209	30.794	27.202	93.7	13.148	.0	1481.7	6286.1	21.9
790.0	784.3	4.689	4.627	34.371	27.219	30.850	27.212	92.8	13.241	.0	1481.8	6416.7	2.6
800.0	794.3	4.686	4.623	34.373	27.221	30.898	27.214	92.7	13.334	.0	1482.0	6548.3	5.8
810.0	804.2	4.644	4.581	34.378	27.230	30.953	27.223	91.9	13.426	.0	1482.0	6680.8	16.0
820.0	814.1	4.576	4.512	34.386	27.243	31.013	27.236	90.6	13.517	.0	1481.9	6814.1	12.2
830.0	824.0	4.534	4.469	34.394	27.254	31.071	27.247	89.6	13.607	.0	1481.9	6948.4	6.4
840.0	833.9	4.524	4.459	34.401	27.261	31.123	27.254	89.1	13.696	.0	1482.0	7083.6	9.3
850.0	843.8	4.492	4.426	34.406	27.269	31.177	27.261	88.4	13.785	.0	1482.0	7219.6	15.8
860.0	853.7	4.452	4.385	34.413	27.279	31.234	27.271	87.5	13.873	.0	1482.0	7356.5	6.1
870.0	863.5	4.425	4.357	34.413	27.282	31.283	27.274	87.2	13.960	.0	1482.1	7494.2	6.7
880.0	873.5	4.383	4.315	34.419	27.291	31.339	27.284	86.4	14.047	.0	1482.1	7632.8	13.4
890.0	883.3	4.355	4.286	34.422	27.296	31.390	27.289	85.9	14.134	.0	1482.1	7772.3	2.6
900.0	893.2	4.341	4.271	34.424	27.300	31.440	27.292	85.7	14.219	.0	1482.2	7912.6	1.1
910.0	903.1	4.319	4.249	34.428	27.305	31.490	27.297	85.3	14.305	.0	1482.3	8053.7	7.3
920.0	913.0	4.276	4.205	34.429	27.311	31.543	27.303	84.7	14.390	.0	1482.3	8195.7	4.6
930.0	922.9	4.265	4.193	34.436	27.317	31.596	27.310	84.1	14.474	.0	1482.4	8338.5	3.5
940.0	932.8	4.253	4.180	34.438	27.320	31.644	27.313	83.9	14.558	.0	1482.6	8482.1	2.9
950.0	942.7	4.201	4.128	34.442	27.329	31.700	27.322	83.1	14.641	.0	1482.5	8626.6	2.6
960.0	952.6	4.184	4.110	34.445	27.333	31.749	27.325	82.8	14.724	.0	1482.6	8771.8	2.3
970.0	962.5	4.143	4.069	34.446	27.338	31.801	27.330	82.3	14.807	.0	1482.6	8917.9	5.8
980.0	972.4	4.107	4.032	34.448	27.344	31.853	27.336	81.8	14.889	.0	1482.6	9064.8	3.5
990.0	982.3	4.070	3.994	34.455	27.354	31.909	27.346	80.9	14.970	.0	1482.6	9212.5	5.8

Station 60 Latitude 32° 02.89'N Longitude 126° 42.52'W 02 May 1991 GMT 3:54 Bottom 4180 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	4.049	3.973	34.456	27.356	31.958	27.348	80.7	15.051	.0	1482.7	9360.9	1.2
1020.0	1012.0	3.994	3.916	34.461	27.366	32.061	27.358	79.8	15.212	.0	1482.8	9660.3	6.7
1040.0	1031.7	3.959	3.880	34.465	27.373	32.159	27.365	79.3	15.371	.0	1483.0	9962.7	12.9
1060.0	1051.5	3.892	3.812	34.471	27.385	32.264	27.377	78.2	15.528	.0	1483.1	10268.3	2.1
1080.0	1071.3	3.850	3.769	34.475	27.393	32.364	27.384	77.5	15.684	.0	1483.2	10576.9	6.5
1100.0	1091.1	3.782	3.699	34.480	27.403	32.467	27.395	76.5	15.838	.0	1483.3	10888.5	6.2
1120.0	1110.8	3.740	3.657	34.481	27.408	32.565	27.400	76.1	15.990	.0	1483.4	11203.2	2.1
1140.0	1130.6	3.680	3.595	34.486	27.419	32.667	27.410	75.2	16.142	.0	1483.5	11520.8	5.9
1160.0	1150.4	3.648	3.562	34.491	27.425	32.766	27.417	74.6	16.291	.0	1483.7	11841.3	2.7
1180.0	1170.1	3.616	3.529	34.495	27.432	32.865	27.424	74.1	16.440	.0	1483.9	12164.8	-.8
1200.0	1189.9	3.561	3.472	34.502	27.443	32.968	27.434	73.1	16.587	.0	1484.0	12491.1	3.0
1220.0	1209.7	3.515	3.425	34.505	27.450	33.068	27.442	72.4	16.732	.0	1484.2	12820.3	.9
1240.0	1229.4	3.468	3.377	34.511	27.459	33.169	27.451	71.6	16.876	.0	1484.3	13152.4	8.0
1260.0	1249.2	3.428	3.336	34.514	27.466	33.268	27.457	71.1	17.018	.0	1484.5	13487.2	3.6
1280.0	1268.9	3.376	3.283	34.519	27.475	33.369	27.466	70.2	17.160	.0	1484.6	13824.8	4.2
1300.0	1288.7	3.324	3.229	34.523	27.483	33.470	27.474	69.4	17.299	.0	1484.7	14165.1	1.6
1320.0	1308.4	3.287	3.191	34.525	27.489	33.568	27.479	68.9	17.438	.0	1484.9	14508.2	.4
1340.0	1328.2	3.261	3.164	34.528	27.493	33.664	27.484	68.6	17.575	.0	1485.1	14853.9	6.3
1360.0	1347.9	3.212	3.114	34.531	27.500	33.764	27.491	67.9	17.712	.0	1485.2	15202.3	7.2
1380.0	1367.7	3.173	3.073	34.534	27.507	33.862	27.498	67.3	17.847	.0	1485.4	15553.4	2.2
1400.0	1387.4	3.131	3.030	34.537	27.513	33.961	27.504	66.7	17.980	.0	1485.6	15907.0	1.9
1420.0	1407.2	3.103	3.001	34.539	27.517	34.057	27.508	66.4	18.114	.0	1485.8	16263.3	5.1
1440.0	1426.9	3.059	2.955	34.542	27.524	34.156	27.514	65.8	18.246	.0	1485.9	16622.2	3.7
1460.0	1446.6	3.009	2.905	34.546	27.532	34.256	27.522	65.0	18.376	.0	1486.0	16983.6	3.4
1480.0	1466.4	2.969	2.863	34.549	27.537	34.354	27.528	64.5	18.506	.0	1486.2	17347.5	3.1
1500.0	1486.1	2.941	2.833	34.552	27.542	34.451	27.533	64.0	18.634	.0	1486.4	17713.9	4.6
1520.0	1505.8	2.906	2.798	34.554	27.547	34.547	27.538	63.6	18.762	.0	1486.6	18082.9	.2
1540.0	1525.6	2.879	2.769	34.557	27.552	34.644	27.542	63.2	18.888	.0	1486.8	18454.3	4.9
1560.0	1545.3	2.831	2.720	34.560	27.559	34.743	27.549	62.5	19.014	.0	1487.0	18828.1	2.6
1580.0	1565.0	2.795	2.683	34.563	27.565	34.841	27.555	61.9	19.139	.0	1487.1	19204.4	.5
1600.0	1584.7	2.757	2.643	34.566	27.571	34.939	27.561	61.4	19.262	.0	1487.3	19583.1	.0
1620.0	1604.5	2.721	2.607	34.569	27.576	35.036	27.566	60.8	19.384	.0	1487.5	19964.2	2.3
1640.0	1624.2	2.684	2.568	34.571	27.581	35.134	27.571	60.3	19.505	.0	1487.7	20347.7	4.7
1660.0	1643.9	2.660	2.543	34.573	27.585	35.229	27.575	60.0	19.626	.0	1487.9	20733.4	2.3
1680.0	1663.6	2.626	2.508	34.576	27.590	35.326	27.580	59.5	19.745	.0	1488.1	21121.5	5.3
1700.0	1683.3	2.568	2.448	34.580	27.599	35.428	27.588	58.6	19.863	.0	1488.2	21512.0	2.9
1720.0	1703.0	2.523	2.403	34.582	27.604	35.525	27.594	58.0	19.980	.0	1488.3	21904.7	-.3
1740.0	1722.8	2.491	2.369	34.585	27.609	35.622	27.599	57.5	20.095	.0	1488.5	22299.6	.3
1760.0	1742.5	2.448	2.325	34.587	27.615	35.720	27.604	57.0	20.210	.0	1488.7	22696.8	2.1
1780.0	1762.2	2.411	2.286	34.590	27.620	35.818	27.610	56.4	20.323	.0	1488.9	23096.1	1.2
1800.0	1781.9	2.392	2.266	34.592	27.623	35.912	27.613	56.1	20.435	.0	1489.1	23497.7	.4
1820.0	1801.6	2.361	2.234	34.595	27.628	36.009	27.618	55.6	20.547	.0	1489.3	23901.4	1.5
1840.0	1821.3	2.333	2.205	34.598	27.633	36.106	27.623	55.2	20.658	.0	1489.5	24307.3	1.6
1860.0	1841.0	2.310	2.180	34.601	27.638	36.201	27.627	54.8	20.768	.0	1489.8	24715.3	-1.4
1880.0	1860.7	2.291	2.161	34.603	27.640	36.295	27.630	54.5	20.877	.0	1490.0	25125.4	1.0
1900.0	1880.4	2.251	2.119	34.605	27.646	36.393	27.635	53.9	20.986	.0	1490.2	25537.7	6.3
1920.0	1900.1	2.218	2.085	34.606	27.649	36.488	27.638	53.6	21.093	.0	1490.4	25952.0	1.9
1940.0	1919.8	2.190	2.056	34.607	27.653	36.583	27.642	53.2	21.200	.0	1490.6	26368.4	.4
1960.0	1939.4	2.176	2.040	34.608	27.654	36.676	27.644	53.1	21.306	.0	1490.9	26786.8	1.6
1980.0	1959.1	2.154	2.016	34.611	27.659	36.771	27.648	52.7	21.412	.0	1491.1	27207.3	4.0
2000.0	1978.8	2.132	1.994	34.613	27.662	36.866	27.651	52.4	21.517	.0	1491.4	27629.8	4.9
2050.0	2028.0	2.089	1.947	34.617	27.669	37.100	27.658	51.7	21.777	.0	1492.0	28695.0	.2
2096.0	2073.3	2.045	1.899	34.620	27.676	37.316	27.664	51.1	22.014	.0	1492.6	29685.9	.0

Station 61 Latitude 32° 04.74'N Longitude 126° 52.96'W 02 May 1991 GMT 6:31 Bottom 1490 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	15.007	15.007	33.177	24.566	24.566	24.566	336.1	.000	.0	1505.2	.0	.0
10.0	10.0	15.011	15.009	33.182	24.569	24.613	24.569	336.1	.336	.0	1505.4	1.7	-5.2
20.0	19.9	15.014	15.011	33.184	24.571	24.659	24.570	336.3	.672	.0	1505.5	6.7	.4
30.0	29.9	15.013	15.009	33.184	24.571	24.704	24.570	336.5	1.008	.0	1505.7	15.1	1.9
40.0	39.8	15.008	15.002	33.185	24.573	24.750	24.572	336.6	1.345	.0	1505.8	26.8	.7
50.0	49.8	14.581	14.574	33.230	24.700	24.921	24.698	324.8	1.679	.0	1504.7	41.9	202.1
60.0	59.8	14.194	14.185	33.160	24.727	24.993	24.726	322.4	2.003	.0	1503.5	60.2	9.7
70.0	69.7	13.969	13.959	33.154	24.770	25.080	24.768	318.6	2.324	.0	1502.9	81.8	51.2
80.0	79.7	13.876	13.865	33.168	24.800	25.155	24.798	316.0	2.641	.0	1502.8	106.5	21.9
90.0	89.7	13.551	13.539	33.113	24.824	25.224	24.822	313.9	2.956	.0	1501.8	134.3	9.9
100.0	99.6	13.473	13.459	33.104	24.833	25.278	24.830	313.4	3.269	.0	1501.7	165.3	22.5
110.0	109.6	13.508	13.492	33.155	24.867	25.355	24.863	310.5	3.581	.0	1502.1	199.5	25.1
120.0	119.5	13.401	13.384	33.159	24.891	25.424	24.888	308.4	3.891	.0	1501.9	236.7	95.7
130.0	129.5	12.666	12.649	33.161	25.038	25.617	25.034	294.5	4.194	.0	1499.6	276.9	271.2
140.0	139.4	11.476	11.458	33.127	25.235	25.862	25.232	275.7	4.479	.0	1495.6	320.1	120.8
150.0	149.4	10.566	10.548	33.113	25.386	26.061	25.383	261.3	4.748	.0	1492.5	366.0	119.4
160.0	159.3	10.132	10.114	33.146	25.486	26.207	25.483	252.0	5.006	.0	1491.1	414.5	168.8
170.0	169.3	9.681	9.662	33.227	25.624	26.392	25.621	238.9	5.251	.0	1489.7	465.6	117.2
180.0	179.2	9.422	9.402	33.378	25.784	26.598	25.781	223.8	5.481	.0	1489.1	518.9	66.2
190.0	189.2	9.283	9.262	33.494	25.898	26.757	25.894	213.2	5.697	.0	1488.9	574.5	9.1
200.0	199.1	9.214	9.192	33.559	25.960	26.865	25.956	207.5	5.910	.0	1488.9	632.2	153.8
210.0	209.1	9.077	9.055	33.702	26.094	27.044	26.090	195.0	6.111	.0	1488.7	692.0	96.1
220.0	219.0	9.000	8.976	33.803	26.185	27.181	26.181	186.5	6.301	.0	1488.7	753.7	94.0
230.0	228.9	8.743	8.718	33.896	26.298	27.340	26.294	175.9	6.481	.0	1488.0	817.2	46.0
240.0	238.9	8.659	8.634	33.925	26.334	27.421	26.330	172.6	6.655	.0	1487.9	882.5	64.4
250.0	248.8	8.431	8.405	33.963	26.399	27.533	26.395	166.5	6.825	.0	1487.3	949.4	44.5
260.0	258.7	8.239	8.213	33.977	26.439	27.619	26.435	162.8	6.989	.0	1486.7	1018.1	18.1
270.0	268.7	8.105	8.078	33.987	26.467	27.693	26.462	160.3	7.151	.0	1486.4	1088.3	21.9
280.0	278.6	8.004	7.976	34.005	26.496	27.768	26.492	157.6	7.310	.0	1486.2	1160.1	38.5
290.0	288.5	7.829	7.800	34.017	26.532	27.851	26.528	154.3	7.465	.0	1485.7	1233.5	13.6
300.0	298.5	7.733	7.703	34.026	26.552	27.917	26.548	152.5	7.618	.0	1485.5	1308.4	15.7
310.0	308.4	7.626	7.596	34.033	26.574	27.985	26.569	150.6	7.770	.0	1485.3	1384.8	24.1
320.0	318.3	7.493	7.462	34.033	26.592	28.049	26.588	148.9	7.920	.0	1484.9	1462.7	10.1
330.0	328.3	7.416	7.385	34.039	26.609	28.112	26.604	147.4	8.068	.0	1484.8	1542.1	15.6
340.0	338.2	7.141	7.109	34.043	26.650	28.201	26.646	143.5	8.214	.0	1483.9	1622.9	45.1
350.0	348.1	7.042	7.010	34.040	26.662	28.258	26.657	142.5	8.356	.0	1483.7	1705.2	1.8
360.0	358.0	7.019	6.986	34.040	26.664	28.307	26.660	142.4	8.499	.0	1483.7	1788.8	8.2
370.0	368.0	6.965	6.930	34.065	26.692	28.380	26.687	139.9	8.640	.0	1483.7	1873.9	7.9
380.0	377.9	6.835	6.800	34.059	26.705	28.440	26.700	138.7	8.780	.0	1483.4	1960.4	4.7
390.0	387.8	6.858	6.821	34.081	26.719	28.500	26.714	137.5	8.918	.0	1483.6	2048.2	21.1
400.0	397.8	6.660	6.624	34.068	26.736	28.563	26.731	136.0	9.054	.0	1483.0	2137.4	8.8
410.0	407.7	6.524	6.487	34.067	26.753	28.627	26.748	134.3	9.189	.0	1482.6	2227.9	27.2
420.0	417.6	6.397	6.360	34.071	26.773	28.694	26.768	132.5	9.322	.0	1482.3	2319.8	3.2
430.0	427.5	6.317	6.279	34.075	26.786	28.754	26.781	131.3	9.454	.0	1482.1	2412.9	22.8
440.0	437.5	6.171	6.132	34.088	26.816	28.831	26.811	128.5	9.584	.0	1481.7	2507.4	30.1
450.0	447.4	6.218	6.178	34.121	26.835	28.895	26.830	126.8	9.712	.0	1482.1	2603.1	40.7
460.0	457.3	6.128	6.088	34.131	26.855	28.961	26.850	125.0	9.838	.0	1481.9	2700.1	21.6
470.0	467.2	5.936	5.896	34.113	26.865	29.019	26.860	124.0	9.962	.0	1481.3	2798.3	19.2
480.0	477.1	5.905	5.864	34.127	26.880	29.080	26.875	122.7	10.085	.0	1481.4	2897.8	12.5
490.0	487.0	5.821	5.779	34.133	26.896	29.142	26.890	121.3	10.207	.0	1481.2	2998.4	14.8
500.0	497.0	5.771	5.729	34.142	26.909	29.202	26.904	120.1	10.328	.0	1481.2	3100.3	4.0
510.0	506.9	5.831	5.788	34.161	26.917	29.254	26.911	119.6	10.448	.0	1481.6	3203.3	10.5
520.0	516.8	5.777	5.732	34.167	26.928	29.312	26.923	118.5	10.567	.0	1481.6	3307.5	7.2
530.0	526.7	5.755	5.710	34.175	26.937	29.367	26.931	117.8	10.685	.0	1481.6	3412.9	5.5
540.0	536.6	5.678	5.632	34.180	26.950	29.426	26.945	116.6	10.802	.0	1481.5	3519.4	15.1
550.0	546.5	5.667	5.621	34.193	26.962	29.484	26.956	115.6	10.918	.0	1481.6	3627.1	25.1
560.0	556.5	5.598	5.551	34.199	26.975	29.544	26.970	114.4	11.033	.0	1481.5	3736.0	12.2
570.0	566.4	5.523	5.476	34.203	26.987	29.603	26.982	113.3	11.147	.0	1481.4	3845.9	18.7
580.0	576.3	5.487	5.439	34.213	27.000	29.661	26.994	112.2	11.260	.0	1481.4	3957.0	16.6
590.0	586.2	5.449	5.400	34.225	27.014	29.721	27.008	110.9	11.371	.0	1481.5	4069.2	9.6
600.0	596.1	5.389	5.340	34.237	27.031	29.784	27.025	109.4	11.481	.0	1481.4	4182.4	14.3
610.0	606.0	5.339	5.289	34.246	27.044	29.844	27.038	108.2	11.590	.0	1481.4	4296.8	3.4
620.0	616.0	5.292	5.241	34.252	27.054	29.900	27.048	107.3	11.697	.0	1481.3	4412.2	1.1
630.0	625.9	5.258	5.207	34.257	27.063	29.955	27.056	106.6	11.804	.0	1481.4	4528.7	8.7
640.0	635.8	5.238	5.185	34.260	27.067	30.006	27.061	106.2	11.911	.0	1481.5	4646.2	11.3
650.0	645.7	5.186	5.133	34.269	27.080	30.065	27.074	105.1	12.016	.0	1481.4	4764.7	8.4
660.0	655.6	5.160	5.106	34.276	27.089	30.119	27.083	104.3	12.121	.0	1481.5	4884.3	1.1
670.0	665.5	5.116	5.062	34.284	27.101	30.178	27.094	103.2	12.225	.0	1481.5	5005.0	6.6
680.0	675.4	5.074	5.019	34.289	27.110	30.233	27.103	102.5	12.328	.0	1481.5	5126.6	12.8
690.0	685.3	5.020	4.964	34.296	27.122	30.291	27.115	101.4	12.430	.0	1481.4	5249.3	12.8
700.0	695.2	4.998	4.942	34.306	27.132	30.347	27.125	100.5	12.531	.0	1481.5	5372.9	29.8
710.0	705.1	4.942	4.885	34.317	27.147	30.409	27.140	99.1	12.630	.0	1481.5	5497.5	9.0
720.0	715.0	4.904	4.846	34.331	27.163	30.471	27.156	97.7	12.729	.0	1481.5	5623.1	19.5
730.0	724.9	4.863	4.805	34.338	27.173	30.528	27.166	96.8	12.826	.0	1481.5	5749.7	8.7
740.0	734.8	4.889	4.829	34.349	27.179	30.579	27.172	96.4	12.922	.0	1481.8	5877.2	4.3
750.0	744.8	4.875	4.815	34.353	27.183	30.629	27.177	96.1	13.019	.0	1481.9	6005.7	8.1
760.0	754.7	4.842	4.781	34.359	27.192	30.684	27.185	95.3	13.114	.0	1481.9	6135.1	4.6
770.0	764.6	4.820	4.759	34.362	27.197	30.734	27.190	94.9	13.209	.0	1482.0	6265.5	11.1
780.0	774.5	4.791	4.729	34.368	27.205	30.789	27.198	94.2	13.304	.0	1482.1	6396.7	10.2
790.0	784.4	4.736	4.673	34.374	27.216	30.846	27.209	93.2	13.398	.0	1482.0	6529.0	7.9
800.0	794.3	4.728	4.665	34.381	27.223	30.899	27.216	92.6	13.491	.0	1482.1	6662.1	15.2
810.0	804.2	4.655	4.591	34.381	27.230	30.954	27.223	91.9	13.583	.0	1482.0	6796.1	8.4
820.0	814.1	4.530	4.465	34.380	27.243	31.015	27.236	90.5	13.674	.0	1481.7	6931.0	2.6
830.0	824.0	4.509	4.444	34.383	27.248	31.066	27.241	90.1	13.764	.0	1481.7	7066.9	15.2
840.0	833.9	4.551	4.485	34.403	27.260	31.121	27.252	89.3	13.854	.0	1482.1	7203.6	12.3
850.0	843.8	4.524	4.457	34.406	27.265	31.173	27.258	88.8	13.943	.0	1482.2	7341.2	2.9
860.0	853.7	4.534	4.466	34.416	27.272	31.225	27.265	88.3	14.032	.0	1482.4	7479.6	9.9
870.0	863.6	4.488	4.420	34.418	27.279	31.278	27.271	87.7	14.120	.0	1482.4	7618.9	13.1
880.0	873.5	4.405	4.337	34.417	27.287	31.334	27.279	86.8	14.207	.0	1482.2	7759.1	-.6
890.0	883.4	4.382	4.313	34.417	27.289	31.382	27.282	86.7	14.294	.0	1482.2	7900.2	14.0
900.0	893.3	4.351	4.281	34.421	27.296	31.435	27.288	86.0	14.380	.0	1482.3	8042.1	3.2
910.0	903.2	4.337	4.266	34.429	27.304	31.489	27.296	85.4	14.466	.0	1482.4	8184.8	17.5
920.0	913.0	4.297	4.226	34.436	27.313	31.545	27.306	84.5	14.551	.0	1482.4	8328.3	7.6
930.0	922.9	4.253	4.181	34.438	27.320	31.598	27.313	83.9	14.635	.0	1482.4	8472.7	9.6
940.0	932.8	4.232	4.160	34.441	27.325	31.649	27.317	83.5	14.719	.0	1482.5	8618.0	4.1
950.0	942.7	4.190	4.117	34.443	27.331	31.702	27.323	82.9	14.802	.0	1482.5	8764.0	4.7
960.0	952.6	4.147	4.074	34.443	27.336	31.753	27.328	82.5	14.884	.0	1482.4	8910.8	5.5
970.0	962.5	4.116	4.042	34.447	27.342	31.805	27.334	81.9	14.967	.0	1482.5	9058.5	5.8
980.0	972.4	4.069	3.994	34.451	27.350	31.860	27.342	81.1	15.048	.0	1482.5	9207.0	15.2
990.0	982.3	4.035	3.960	34.454	27.356	31.913	27.348	80.6	15.129	.0	1482.5	9356.2	4.7

Station 61 Latitude 32° 04.74'N Longitude 126° 52.96'W 02 May 1991 GMT 6:31 Bottom 1490 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	4.016	3.940	34.457	27.361	31.963	27.353	80.2	15.209	.0	1482.6	9506.3	3.8
1020.0	1012.0	3.988	3.911	34.464	27.369	32.064	27.361	79.5	15.369	.0	1482.8	9808.7	4.4
1040.0	1031.8	3.943	3.865	34.469	27.377	32.164	27.369	78.8	15.528	.0	1482.9	10114.3	7.0
1060.0	1051.5	3.875	3.795	34.474	27.389	32.268	27.381	77.8	15.684	.0	1483.0	10422.9	5.0
1080.0	1071.3	3.829	3.748	34.479	27.397	32.369	27.389	77.0	15.839	.0	1483.1	10734.6	8.5
1100.0	1091.1	3.811	3.729	34.481	27.401	32.464	27.393	76.8	15.993	.0	1483.4	11049.3	.3
1120.0	1110.8	3.743	3.659	34.488	27.414	32.570	27.406	75.6	16.145	.0	1483.5	11367.0	17.6
1140.0	1130.6	3.658	3.574	34.494	27.427	32.676	27.418	74.4	16.295	.0	1483.4	11687.7	7.6
1160.0	1150.4	3.570	3.485	34.492	27.434	32.777	27.426	73.6	16.444	.0	1483.4	12011.2	19.9
1180.0	1170.2	3.488	3.402	34.494	27.444	32.881	27.435	72.6	16.590	.0	1483.4	12337.7	3.0
1200.0	1189.9	3.465	3.377	34.498	27.449	32.978	27.441	72.2	16.734	.0	1483.6	12667.0	-1.4
1220.0	1209.7	3.420	3.331	34.503	27.457	33.078	27.449	71.5	16.878	.0	1483.8	12999.1	1.8
1240.0	1229.4	3.382	3.292	34.506	27.463	33.176	27.455	70.9	17.021	.0	1483.9	13334.0	5.6
1260.0	1249.2	3.352	3.261	34.510	27.469	33.274	27.461	70.4	17.162	.0	1484.1	13671.6	2.7
1280.0	1268.9	3.343	3.250	34.509	27.470	33.366	27.461	70.5	17.303	.0	1484.4	14012.1	1.0
1300.0	1288.7	3.235	3.141	34.523	27.492	33.482	27.483	68.3	17.441	.0	1484.3	14355.2	2.1
1320.0	1308.4	3.191	3.096	34.526	27.498	33.580	27.489	67.7	17.578	.0	1484.5	14701.1	6.8
1340.0	1328.2	3.166	3.069	34.526	27.500	33.675	27.492	67.6	17.713	.0	1484.7	15049.5	3.3
1360.0	1347.9	3.136	3.038	34.528	27.505	33.771	27.496	67.2	17.848	.0	1484.9	15400.6	1.9
1380.0	1367.7	3.112	3.013	34.530	27.509	33.867	27.500	66.9	17.982	.0	1485.1	15754.4	10.7
1400.0	1387.4	3.061	2.961	34.534	27.517	33.967	27.508	66.1	18.115	.0	1485.3	16110.7	4.2
1420.0	1407.2	3.004	2.903	34.540	27.527	34.070	27.517	65.2	18.246	.0	1485.3	16469.6	-.2
1440.0	1426.9	2.959	2.857	34.544	27.535	34.170	27.525	64.4	18.375	.0	1485.5	16831.0	.1
1460.0	1446.7	2.943	2.839	34.545	27.537	34.264	27.528	64.3	18.504	.0	1485.8	17195.0	-3.1
1480.0	1466.4	2.935	2.830	34.546	27.538	34.356	27.529	64.2	18.632	.0	1486.1	17561.4	1.1
1500.0	1486.1	2.930	2.823	34.547	27.540	34.448	27.530	64.2	18.761	.0	1486.4	17930.3	.0

Station 62 Latitude 32° 05.70'N Longitude 126° 55.50'W 03 May 1991 GMT 8:00 Bottom 1125 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	14.957	14.957	33.179	24.579	24.579	24.579	334.9	.000	.0	1505.0	.0	.0
10.0	10.0	14.959	14.958	33.178	24.577	24.622	24.577	335.3	.335	.0	1505.2	1.7	-.2
20.0	19.9	14.962	14.958	33.178	24.577	24.666	24.576	335.6	.671	.0	1505.4	6.7	-.8
30.0	29.9	14.962	14.958	33.178	24.577	24.710	24.576	335.9	1.006	.0	1505.5	15.0	-1.0
40.0	39.8	14.929	14.923	33.178	24.585	24.761	24.583	335.5	1.342	.0	1505.6	26.7	170.2
50.0	49.8	14.325	14.318	33.156	24.697	24.919	24.696	325.0	1.670	.0	1503.8	41.7	29.9
60.0	59.8	14.203	14.194	33.160	24.726	24.991	24.724	322.6	1.994	.0	1503.5	60.0	37.5
70.0	69.7	14.214	14.204	33.221	24.771	25.081	24.769	318.6	2.315	.0	1503.8	81.5	39.3
80.0	79.7	13.973	13.962	33.181	24.790	25.145	24.788	317.0	2.633	.0	1503.1	106.1	24.3
90.0	89.7	13.709	13.696	33.142	24.815	25.214	24.812	314.9	2.948	.0	1502.4	133.9	21.6
100.0	99.6	13.518	13.504	33.121	24.838	25.282	24.835	312.9	3.262	.0	1501.9	164.8	9.0
110.0	109.6	13.441	13.426	33.126	24.857	25.346	24.854	311.4	3.575	.0	1501.8	198.8	11.6
120.0	119.5	13.464	13.448	33.154	24.875	25.407	24.871	310.0	3.885	.0	1502.1	236.0	14.0
130.0	129.5	13.238	13.221	33.163	24.927	25.505	24.924	305.2	4.194	.0	1501.5	276.2	188.8
140.0	139.4	11.670	11.652	33.124	25.197	25.824	25.194	279.4	4.485	.0	1496.2	319.4	88.9
150.0	149.4	10.965	10.947	33.094	25.302	25.975	25.298	269.5	4.760	.0	1493.9	365.4	118.6
160.0	159.3	10.186	10.167	33.139	25.472	26.193	25.468	253.3	5.022	.0	1491.3	414.1	150.4
170.0	169.3	9.880	9.860	33.196	25.567	26.335	25.564	244.3	5.270	.0	1490.4	465.3	144.8
180.0	179.2	9.445	9.425	33.336	25.748	26.561	25.744	227.3	5.506	.0	1489.1	518.9	240.5
190.0	189.2	9.245	9.225	33.432	25.855	26.715	25.852	217.2	5.726	.0	1488.7	574.8	4.1
200.0	199.1	9.149	9.127	33.539	25.954	26.859	25.951	208.0	5.940	.0	1488.6	632.8	116.3
210.0	209.1	9.130	9.108	33.697	26.081	27.031	26.078	196.1	6.141	.0	1488.9	692.8	116.3
220.0	219.0	8.903	8.879	33.781	26.183	27.179	26.179	186.6	6.331	.0	1488.3	754.8	77.9
230.0	228.9	8.834	8.810	33.881	26.272	27.314	26.269	178.3	6.514	.0	1488.4	818.7	80.3
240.0	238.9	8.653	8.628	33.930	26.339	27.427	26.335	172.1	6.688	.0	1487.9	884.2	34.3
250.0	248.8	8.505	8.479	33.963	26.388	27.521	26.384	167.6	6.858	.0	1487.6	951.6	46.5
260.0	258.7	8.416	8.390	33.974	26.410	27.589	26.406	165.7	7.024	.0	1487.4	1020.5	20.5
270.0	268.7	8.191	8.164	33.996	26.461	27.687	26.457	160.9	7.187	.0	1486.7	1091.1	29.8
280.0	278.6	7.991	7.963	34.009	26.502	27.774	26.497	157.1	7.346	.0	1486.2	1163.3	22.4
290.0	288.5	7.747	7.719	34.021	26.546	27.865	26.542	152.9	7.501	.0	1485.4	1237.0	41.4
300.0	298.5	7.688	7.659	34.022	26.556	27.921	26.552	152.1	7.654	.0	1485.3	1312.3	7.5
310.0	308.4	7.571	7.541	34.030	26.580	27.991	26.575	150.0	7.805	.0	1485.1	1389.0	36.4
320.0	318.3	7.375	7.345	34.030	26.607	28.065	26.603	147.4	7.953	.0	1484.5	1467.3	26.7
330.0	328.3	7.292	7.260	34.031	26.620	28.124	26.615	146.3	8.100	.0	1484.3	1547.0	12.4
340.0	338.2	7.218	7.186	34.041	26.638	28.188	26.633	144.7	8.245	.0	1484.2	1628.1	5.3
350.0	348.1	7.175	7.142	34.064	26.662	28.258	26.657	142.6	8.389	.0	1484.2	1710.7	18.8
360.0	358.0	7.126	7.092	34.063	26.668	28.310	26.663	142.1	8.531	.0	1484.2	1794.7	9.7
370.0	368.0	6.960	6.925	34.057	26.686	28.375	26.681	140.4	8.673	.0	1483.7	1880.1	12.3
380.0	377.9	6.904	6.868	34.058	26.695	28.429	26.690	139.7	8.813	.0	1483.6	1966.9	16.7
390.0	387.8	6.763	6.727	34.061	26.717	28.498	26.712	137.7	8.951	.0	1483.2	2055.1	13.8
400.0	397.8	6.644	6.608	34.060	26.731	28.559	26.726	136.3	9.089	.0	1482.9	2144.6	23.7
410.0	407.7	6.535	6.498	34.067	26.751	28.625	26.746	134.5	9.224	.0	1482.7	2235.5	-1.5
420.0	417.6	6.424	6.387	34.075	26.772	28.694	26.768	132.5	9.358	.0	1482.4	2327.7	31.6
430.0	427.5	6.373	6.335	34.078	26.781	28.748	26.776	131.8	9.490	.0	1482.4	2421.2	34.2
440.0	437.5	6.232	6.193	34.076	26.798	28.813	26.793	130.2	9.621	.0	1482.0	2516.0	19.3
450.0	447.4	6.014	5.975	34.076	26.826	28.888	26.821	127.5	9.750	.0	1481.3	2612.1	18.6
460.0	457.3	5.951	5.912	34.082	26.839	28.947	26.834	126.4	9.877	.0	1481.2	2709.5	8.1
470.0	467.2	5.870	5.830	34.093	26.858	29.013	26.853	124.6	10.002	.0	1481.0	2808.1	21.8
480.0	477.1	5.865	5.824	34.111	26.872	29.073	26.867	123.4	10.126	.0	1481.2	2907.9	13.1
490.0	487.0	5.781	5.740	34.116	26.886	29.133	26.881	122.1	10.249	.0	1481.0	3009.0	12.5
500.0	497.0	5.773	5.730	34.124	26.894	29.187	26.889	121.5	10.371	.0	1481.2	3111.2	4.3
510.0	506.9	5.749	5.706	34.145	26.914	29.253	26.909	119.7	10.491	.0	1481.3	3214.7	8.1
520.0	516.8	5.713	5.669	34.148	26.920	29.305	26.915	119.2	10.610	.0	1481.3	3319.3	4.3
530.0	526.7	5.600	5.555	34.157	26.942	29.374	26.936	117.2	10.729	.0	1481.0	3425.2	10.7
540.0	536.6	5.612	5.567	34.168	26.949	29.426	26.943	116.7	10.845	.0	1481.2	3532.1	6.0
550.0	546.6	5.622	5.575	34.187	26.963	29.486	26.957	115.5	10.961	.0	1481.4	3640.3	9.0
560.0	556.5	5.485	5.438	34.189	26.981	29.551	26.975	113.7	11.076	.0	1481.1	3749.5	20.1
570.0	566.4	5.538	5.491	34.208	26.990	29.604	26.984	113.1	11.190	.0	1481.5	3859.9	23.6
580.0	576.3	5.291	5.243	34.193	27.007	29.671	27.002	111.2	11.301	.0	1480.6	3971.4	8.9
590.0	586.2	5.328	5.279	34.225	27.029	29.738	27.023	109.4	11.412	.0	1481.0	4084.0	22.4
600.0	596.1	5.267	5.218	34.241	27.048	29.804	27.042	107.6	11.520	.0	1480.9	4197.6	14.8
610.0	606.0	5.239	5.189	34.260	27.067	29.868	27.061	105.9	11.627	.0	1481.0	4312.4	13.4
620.0	616.0	5.222	5.172	34.273	27.079	29.926	27.073	104.9	11.732	.0	1481.1	4428.1	10.4
630.0	625.9	5.178	5.127	34.279	27.089	29.982	27.083	104.0	11.837	.0	1481.1	4544.9	12.5
640.0	635.8	5.140	5.088	34.285	27.099	30.038	27.093	103.1	11.940	.0	1481.1	4662.7	1.4
650.0	645.7	5.131	5.078	34.292	27.105	30.090	27.098	102.7	12.043	.0	1481.2	4781.6	6.9
660.0	655.6	5.109	5.056	34.298	27.112	30.144	27.106	102.0	12.145	.0	1481.3	4901.4	10.7
670.0	665.5	5.073	5.018	34.306	27.123	30.201	27.117	101.1	12.247	.0	1481.3	5022.3	10.2
680.0	675.4	5.036	4.981	34.315	27.135	30.258	27.128	100.1	12.347	.0	1481.4	5144.1	8.1
690.0	685.3	5.070	5.014	34.327	27.140	30.309	27.134	99.7	12.447	.0	1481.7	5266.9	2.9
700.0	695.2	5.040	4.983	34.334	27.149	30.364	27.143	98.9	12.547	.0	1481.7	5390.8	7.5
710.0	705.1	5.035	4.977	34.345	27.159	30.419	27.152	98.2	12.645	.0	1481.9	5515.5	4.9
720.0	715.0	4.992	4.933	34.348	27.166	30.473	27.160	97.5	12.743	.0	1481.9	5641.3	15.2
730.0	725.0	4.994	4.935	34.364	27.179	30.531	27.172	96.5	12.840	.0	1482.1	5768.0	28.6
740.0	734.8	4.947	4.887	34.368	27.187	30.585	27.180	95.7	12.936	.0	1482.0	5895.7	12.5
750.0	744.8	4.929	4.868	34.376	27.196	30.640	27.189	95.0	13.031	.0	1482.1	6024.3	4.3
760.0	754.7	4.917	4.856	34.380	27.200	30.690	27.193	94.7	13.126	.0	1482.3	6153.8	1.1
770.0	764.6	4.897	4.835	34.381	27.203	30.739	27.196	94.4	13.221	.0	1482.4	6284.3	7.3
780.0	774.5	4.827	4.764	34.377	27.208	30.791	27.201	94.0	13.315	.0	1482.2	6415.6	5.2
790.0	784.4	4.799	4.736	34.382	27.215	30.844	27.208	93.3	13.409	.0	1482.3	6548.0	2.3
800.0	794.3	4.781	4.717	34.383	27.218	30.893	27.211	93.2	13.502	.0	1482.4	6681.2	20.2
810.0	804.2	4.658	4.594	34.384	27.233	30.956	27.226	91.7	13.594	.0	1482.0	6815.3	.5
820.0	814.1	4.611	4.546	34.389	27.242	31.011	27.235	90.8	13.686	.0	1482.0	6950.4	6.7
830.0	824.0	4.583	4.517	34.395	27.250	31.065	27.243	90.1	13.776	.0	1482.1	7086.3	14.0
840.0	833.9	4.564	4.498	34.394	27.251	31.113	27.244	90.1	13.866	.0	1482.1	7223.2	38.3
850.0	843.8	4.475	4.409	34.404	27.269	31.178	27.262	88.3	13.955	.0	1482.0	7360.9	7.3
860.0	853.7	4.459	4.392	34.406	27.272	31.227	27.265	88.1	14.043	.0	1482.1	7499.4	4.3
870.0	863.6	4.421	4.354	34.415	27.284	31.285	27.277	87.0	14.130	.0	1482.1	7638.9	-.6
880.0	873.5	4.352	4.284	34.421	27.295	31.344	27.288	85.9	14.217	.0	1482.0	7779.2	16.6
890.0	883.4	4.226	4.158	34.432	27.318	31.415	27.311	83.6	14.302	.0	1481.6	7920.3	14.3
900.0	893.3	4.233	4.164	34.432	27.317	31.459	27.310	83.8	14.386	.0	1481.8	8062.2	6.7
910.0	903.2	4.215	4.145	34.434	27.321	31.509	27.313	83.6	14.469	.0	1481.9	8205.0	7.6
920.0	913.0	4.197	4.126	34.434	27.323	31.557	27.316	83.4	14.553	.0	1482.0	8348.6	14.9
930.0	922.9	4.166	4.095	34.437	27.329	31.609	27.321	82.9	14.636	.0	1482.0	8493.0	7.0
940.0	932.8	4.147	4.075	34.438	27.331	31.658	27.324	82.7	14.719	.0	1482.1	8638.2	-.9
950.0	942.7	4.140	4.068	34.437	27.331	31.704	27.324	82.8	14.801	.0	1482.2	8784.3	.3
960.0	952.6	4.104	4.031	34.441	27.338	31.757	27.330	82.1	14.884	.0	1482.3	8931.1	15.2
970.0	962.5	3.995	3.922	34.449	27.356	31.823	27.349	80.3	14.965	.0	1482.0	9078.8	16.3
980.0	972.4	3.949	3.876	34.452	27.364	31.877	27.356	79.6	15.045	.0	1482.0	9227.2	4.3
990.0	982.3	3.917	3.843	34.454	27.368	31.928	27.361	79.2	15.124	.0	1482.0	9376.4	5.8

Station 62 Latitude 32° 05.70'N Longitude 126° 55.50'W 03 May 1991 GMT 8:00 Bottom 1125 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.839	3.765	34.465	27.384	31.992	27.377	77.6	15.203	.0	1481.8	9526.4	23.7
1020.0	1012.0	3.774	3.699	34.468	27.393	32.093	27.386	76.7	15.356	.0	1481.9	9828.6	4.0
1040.0	1031.8	3.774	3.697	34.468	27.394	32.185	27.386	76.9	15.510	.0	1482.2	10133.9	.0
1060.0	1051.5	3.772	3.693	34.468	27.394	32.277	27.386	77.0	15.664	.0	1482.6	10442.1	.6
1080.0	1071.3	3.691	3.611	34.472	27.406	32.382	27.398	75.9	15.817	.0	1482.5	10753.4	9.1
1100.0	1091.1	3.651	3.570	34.476	27.413	32.481	27.405	75.3	15.968	.0	1482.7	11067.6	.0

Station 63 Latitude 32° 07.31'N Longitude 126° 58.96'W 03 May 1991 GMT 9:28 Bottom 2630 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.940	14.940	33.172	24.576	24.576	24.576	335.1	.000	.0	1505.0	.0	.0
10.0	10.0	14.945	14.944	33.172	24.576	24.620	24.575	335.5	.335	.0	1505.1	1.7	1.3
20.0	19.9	14.950	14.947	33.173	24.576	24.664	24.575	335.8	.671	.0	1505.3	6.7	-2.2
30.0	29.9	14.952	14.947	33.173	24.576	24.708	24.575	336.1	1.007	.0	1505.5	15.0	1.0
40.0	39.8	14.925	14.919	33.172	24.581	24.758	24.580	335.8	1.343	.0	1505.6	26.7	37.3
50.0	49.8	14.299	14.292	33.156	24.702	24.924	24.701	324.6	1.673	.0	1503.7	41.8	24.9
60.0	59.8	14.227	14.218	33.148	24.711	24.977	24.709	324.0	1.997	.0	1503.6	60.1	14.1
70.0	69.7	14.203	14.193	33.157	24.724	25.034	24.722	323.0	2.321	.0	1503.7	81.6	11.4
80.0	79.7	14.177	14.166	33.167	24.737	25.091	24.735	322.1	2.644	.0	1503.8	106.3	3.8
90.0	89.7	14.029	14.016	33.150	24.755	25.154	24.752	320.6	2.965	.0	1503.4	134.2	44.2
100.0	99.6	13.651	13.637	33.125	24.813	25.257	24.811	315.3	3.283	.0	1502.3	165.3	55.0
110.0	109.6	13.055	13.040	33.088	24.904	25.394	24.901	306.8	3.595	.0	1500.5	199.6	111.4
120.0	119.5	12.388	12.372	33.079	25.028	25.563	25.025	295.2	3.895	.0	1498.3	236.9	91.7
130.0	129.5	11.227	11.211	33.102	25.260	25.844	25.257	273.0	4.180	.0	1494.5	277.1	274.7
140.0	139.4	10.555	10.538	33.118	25.392	26.022	25.389	260.6	4.448	.0	1492.3	320.0	116.5
150.0	149.4	10.283	10.266	33.128	25.446	26.122	25.443	255.6	4.706	.0	1491.5	365.6	49.4
160.0	159.3	9.724	9.707	33.225	25.616	26.338	25.613	239.5	4.955	.0	1489.7	413.6	132.5
170.0	169.3	9.431	9.413	33.373	25.778	26.547	25.775	224.2	5.188	.0	1489.0	464.1	231.7
180.0	179.2	9.287	9.268	33.437	25.852	26.666	25.849	217.3	5.407	.0	1488.7	516.8	84.4
190.0	189.2	9.059	9.039	33.521	25.954	26.815	25.951	207.7	5.619	.0	1488.1	571.6	45.7
200.0	199.1	9.030	9.009	33.574	26.000	26.906	25.997	203.6	5.826	.0	1488.2	628.5	117.4
210.0	209.0	8.907	8.885	33.658	26.086	27.037	26.082	195.6	6.025	.0	1488.0	687.4	80.2
220.0	219.0	8.781	8.758	33.828	26.239	27.236	26.236	181.2	6.214	.0	1487.9	748.2	154.6
230.0	228.9	8.564	8.540	33.905	26.333	27.376	26.330	172.4	6.393	.0	1487.4	810.9	91.6
240.0	238.9	8.472	8.448	33.928	26.365	27.454	26.361	169.5	6.563	.0	1487.2	875.2	-1.2
250.0	248.8	8.266	8.240	33.972	26.431	27.566	26.427	163.4	6.730	.0	1486.7	941.3	67.0
260.0	258.7	8.135	8.108	33.990	26.465	27.646	26.461	160.3	6.892	.0	1486.4	1009.0	14.3
270.0	268.7	8.099	8.072	33.996	26.475	27.702	26.471	159.5	7.052	.0	1486.4	1078.2	11.3
280.0	278.6	7.901	7.873	34.015	26.519	27.792	26.515	155.4	7.210	.0	1485.8	1149.1	30.9
290.0	288.5	7.751	7.723	34.018	26.544	27.863	26.539	153.2	7.364	.0	1485.4	1221.4	16.5
300.0	298.5	7.607	7.578	34.026	26.571	27.937	26.567	150.6	7.516	.0	1485.0	1295.3	9.2
310.0	308.4	7.496	7.466	34.030	26.590	28.002	26.586	149.0	7.666	.0	1484.8	1370.7	4.2
320.0	318.3	7.419	7.388	34.036	26.606	28.063	26.601	147.6	7.814	.0	1484.6	1447.6	29.7
330.0	328.3	7.215	7.184	34.039	26.637	28.141	26.632	144.7	7.960	.0	1484.0	1525.9	17.6
340.0	338.2	7.177	7.145	34.053	26.653	28.203	26.648	143.3	8.104	.0	1484.0	1605.6	25.0
350.0	348.1	7.001	6.969	34.053	26.677	28.275	26.673	141.0	8.246	.0	1483.5	1686.8	23.2
360.0	358.0	6.819	6.786	34.056	26.704	28.348	26.700	138.4	8.386	.0	1483.0	1769.4	29.0
370.0	368.0	6.656	6.622	34.053	26.724	28.415	26.720	136.6	8.524	.0	1482.5	1853.3	11.4
380.0	377.9	6.644	6.609	34.072	26.740	28.477	26.736	135.2	8.659	.0	1482.6	1938.6	26.3
390.0	387.8	6.596	6.561	34.093	26.764	28.546	26.759	133.1	8.793	.0	1482.6	2025.2	8.8
400.0	397.7	6.536	6.500	34.105	26.781	28.610	26.777	131.5	8.925	.0	1482.6	2113.1	19.6
410.0	407.7	6.341	6.305	34.089	26.794	28.670	26.790	130.3	9.056	.0	1481.9	2202.4	16.3
420.0	417.6	6.154	6.117	34.077	26.808	28.732	26.804	128.9	9.185	.0	1481.3	2292.9	25.7
430.0	427.5	6.006	5.969	34.069	26.821	28.792	26.816	127.7	9.313	.0	1480.9	2384.6	2.5
440.0	437.4	6.015	5.977	34.095	26.840	28.857	26.835	126.0	9.440	.0	1481.1	2477.7	28.9
450.0	447.4	5.864	5.825	34.096	26.860	28.924	26.856	124.1	9.565	.0	1480.7	2572.0	11.3
460.0	457.3	5.809	5.770	34.112	26.880	28.990	26.875	122.3	9.689	.0	1480.6	2667.5	18.9
470.0	467.2	5.820	5.780	34.122	26.886	29.042	26.882	121.8	9.811	.0	1480.9	2764.2	12.8
480.0	477.1	5.796	5.756	34.136	26.901	29.102	26.896	120.6	9.932	.0	1480.9	2862.1	10.1
490.0	487.0	5.713	5.672	34.148	26.920	29.168	26.915	118.8	10.052	.0	1480.8	2961.2	35.3
500.0	497.0	5.661	5.619	34.153	26.931	29.225	26.926	117.9	10.170	.0	1480.7	3061.5	12.5
510.0	506.9	5.633	5.590	34.162	26.942	29.282	26.936	117.0	10.288	.0	1480.8	3163.0	5.4
520.0	516.8	5.583	5.540	34.161	26.946	29.333	26.941	116.6	10.405	.0	1480.8	3265.6	11.6
530.0	526.7	5.707	5.662	34.203	26.965	29.395	26.959	115.1	10.520	.0	1481.5	3369.3	11.9
540.0	536.6	5.718	5.672	34.215	26.973	29.449	26.967	114.5	10.635	.0	1481.7	3474.2	17.2
550.0	546.5	5.692	5.645	34.233	26.991	29.512	26.985	112.9	10.748	.0	1481.8	3580.2	5.5
560.0	556.5	5.671	5.623	34.252	27.008	29.576	27.003	111.4	10.861	.0	1481.9	3687.4	25.7
570.0	566.4	5.687	5.638	34.284	27.032	29.644	27.026	109.3	10.971	.0	1482.2	3795.6	23.1
580.0	576.3	5.648	5.598	34.288	27.040	29.699	27.034	108.6	11.080	.0	1482.2	3904.9	10.2
590.0	586.2	5.598	5.548	34.295	27.052	29.756	27.045	107.6	11.188	.0	1482.2	4015.3	6.7
600.0	596.1	5.548	5.497	34.305	27.066	29.817	27.060	106.3	11.296	.0	1482.1	4126.7	5.2
610.0	606.0	5.483	5.431	34.311	27.078	29.876	27.072	105.2	11.401	.0	1482.0	4239.2	7.6
620.0	615.9	5.430	5.378	34.311	27.085	29.929	27.079	104.6	11.506	.0	1482.0	4352.8	6.7
630.0	625.8	5.352	5.300	34.312	27.095	29.985	27.089	103.7	11.610	.0	1481.8	4467.3	1.7
640.0	635.8	5.222	5.170	34.305	27.105	30.043	27.098	102.7	11.714	.0	1481.5	4582.9	16.9
650.0	645.7	5.182	5.129	34.309	27.113	30.097	27.106	102.0	11.816	.0	1481.5	4699.5	4.6
660.0	655.6	5.114	5.060	34.310	27.121	30.152	27.115	101.2	11.917	.0	1481.3	4817.1	12.8
670.0	665.5	5.073	5.019	34.310	27.126	30.204	27.120	100.8	12.018	.0	1481.3	4935.6	4.3
680.0	675.4	5.039	4.984	34.313	27.133	30.256	27.126	100.3	12.119	.0	1481.4	5055.2	10.4
690.0	685.3	4.960	4.904	34.316	27.144	30.315	27.138	99.2	12.219	.0	1481.2	5175.8	2.8
700.0	695.2	4.945	4.889	34.318	27.147	30.364	27.141	99.0	12.318	.0	1481.3	5297.3	8.4
710.0	705.1	4.880	4.823	34.325	27.160	30.424	27.154	97.7	12.416	.0	1481.2	5419.9	17.8
720.0	715.0	4.854	4.797	34.328	27.166	30.475	27.159	97.3	12.514	.0	1481.3	5543.3	.5
730.0	724.9	4.821	4.763	34.342	27.181	30.536	27.174	95.9	12.610	.0	1481.3	5667.8	5.2
740.0	734.8	4.809	4.750	34.347	27.186	30.587	27.179	95.6	12.706	.0	1481.4	5793.1	7.2
750.0	744.7	4.718	4.659	34.350	27.199	30.647	27.192	94.3	12.801	.0	1481.2	5919.5	10.7
760.0	754.6	4.630	4.570	34.346	27.205	30.701	27.198	93.7	12.895	.0	1481.0	6046.7	6.6
770.0	764.5	4.672	4.611	34.367	27.218	30.758	27.211	92.7	12.988	.0	1481.4	6174.9	16.9
780.0	774.4	4.603	4.542	34.373	27.230	30.817	27.223	91.5	13.080	.0	1481.3	6303.9	7.8
790.0	784.3	4.562	4.500	34.380	27.240	30.874	27.233	90.6	13.171	.0	1481.3	6433.9	9.6
800.0	794.2	4.496	4.434	34.389	27.254	30.935	27.248	89.2	13.261	.0	1481.2	6564.8	13.4
810.0	804.1	4.484	4.421	34.400	27.264	30.990	27.257	88.4	13.350	.0	1481.3	6696.5	7.5
820.0	814.0	4.473	4.409	34.408	27.272	31.044	27.265	87.8	13.438	.0	1481.5	6829.1	6.6
830.0	823.9	4.464	4.400	34.414	27.278	31.096	27.271	87.2	13.525	.0	1481.6	6962.6	3.4
840.0	833.8	4.426	4.361	34.420	27.287	31.151	27.279	86.5	13.612	.0	1481.6	7096.9	11.3
850.0	843.7	4.399	4.333	34.423	27.292	31.202	27.285	86.0	13.698	.0	1481.7	7232.1	12.8
860.0	853.6	4.240	4.174	34.417	27.304	31.264	27.297	84.6	13.784	.0	1481.2	7368.1	9.6
870.0	863.5	4.228	4.161	34.417	27.306	31.311	27.299	84.6	13.868	.0	1481.3	7504.9	2.0
880.0	873.4	4.216	4.149	34.425	27.313	31.365	27.306	83.9	13.953	.0	1481.4	7642.6	10.2
890.0	883.3	4.167	4.099	34.421	27.315	31.413	27.308	83.7	14.037	.0	1481.3	7781.1	-.7
900.0	893.2	4.139	4.070	34.422	27.319	31.463	27.312	83.4	14.120	.0	1481.4	7920.4	12.5
910.0	903.1	4.093	4.024	34.424	27.325	31.517	27.318	82.8	14.203	.0	1481.4	8060.6	11.9
920.0	913.0	4.069	3.999	34.434	27.336	31.573	27.329	81.9	14.285	.0	1481.4	8201.5	4.3
930.0	922.9	4.057	3.987	34.436	27.338	31.622	27.331	81.7	14.367	.0	1481.6	8343.3	3.4
940.0	932.8	4.053	3.982	34.438	27.341	31.670	27.334	81.5	14.449	.0	1481.7	8485.8	8.7
950.0	942.7	4.018	3.947	34.443	27.349	31.724	27.342	80.8	14.530	.0	1481.7	8629.2	3.7
960.0	952.6	3.982	3.909	34.447	27.355	31.777	27.348	80.2	14.611	.0	1481.8	8773.3	2.0
970.0	962.5	3.956	3.883	34.450	27.361	31.829	27.354	79.7	14.691	.0	1481.8	8918.3	.8
980.0	972.4	3.938	3.864	34.455	27.366	31.880	27.359	79.3	14.770	.0	1481.9	9064.0	9.3
990.0	982.3	3.930	3.856	34.456	27.368	31.927	27.360	79.2	14.849	.0	1482.0	9210.5	.5

Station 63 Latitude 32° 07.31'N Longitude 126° 58.96'W 03 May 1991 GMT 9:28 Bottom 2630 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.913	3.838	34.459	27.372	31.978	27.365	78.9	14.929	.0	1482.1	9357.7	5.8
1020.0	1011.9	3.832	3.756	34.462	27.383	32.082	27.376	77.8	15.085	.0	1482.1	9654.6	9.3
1040.0	1031.7	3.750	3.673	34.472	27.399	32.191	27.392	76.3	15.240	.0	1482.1	9954.5	5.8
1060.0	1051.5	3.709	3.631	34.476	27.407	32.291	27.399	75.6	15.392	.0	1482.3	10257.4	2.3
1080.0	1071.3	3.645	3.566	34.483	27.419	32.396	27.411	74.5	15.542	.0	1482.4	10563.2	6.7
1100.0	1091.0	3.595	3.514	34.485	27.425	32.495	27.417	74.0	15.691	.0	1482.5	10872.0	4.1
1120.0	1110.8	3.550	3.468	34.489	27.433	32.595	27.425	73.3	15.838	.0	1482.6	11183.7	5.0
1140.0	1130.6	3.496	3.413	34.494	27.442	32.697	27.434	72.5	15.983	.0	1482.7	11498.2	5.3
1160.0	1150.3	3.450	3.366	34.498	27.450	32.797	27.442	71.7	16.127	.0	1482.9	11815.6	-1.2
1180.0	1170.1	3.434	3.348	34.500	27.454	32.892	27.446	71.5	16.271	.0	1483.2	12135.7	-1.2
1200.0	1189.9	3.413	3.326	34.502	27.457	32.987	27.449	71.3	16.413	.0	1483.4	12458.7	3.5
1220.0	1209.6	3.367	3.279	34.507	27.465	33.088	27.457	70.6	16.555	.0	1483.5	12784.4	10.0
1240.0	1229.4	3.275	3.186	34.515	27.481	33.197	27.473	69.0	16.695	.0	1483.5	13112.9	3.5
1260.0	1249.2	3.229	3.138	34.520	27.489	33.298	27.480	68.3	16.832	.0	1483.6	13444.1	2.4
1280.0	1268.9	3.184	3.092	34.523	27.496	33.397	27.487	67.6	16.968	.0	1483.8	13777.9	4.7
1300.0	1288.7	3.134	3.041	34.529	27.505	33.499	27.497	66.7	17.102	.0	1483.9	14114.4	3.0
1320.0	1308.4	3.106	3.012	34.531	27.510	33.595	27.501	66.4	17.235	.0	1484.1	14453.5	3.3
1340.0	1328.2	3.086	2.990	34.532	27.513	33.690	27.504	66.2	17.368	.0	1484.4	14795.2	2.4
1360.0	1347.9	3.036	2.939	34.537	27.521	33.791	27.513	65.3	17.500	.0	1484.5	15139.4	5.1
1380.0	1367.7	3.002	2.904	34.541	27.527	33.889	27.518	64.8	17.630	.0	1484.7	15486.3	8.0
1400.0	1387.4	2.961	2.862	34.543	27.533	33.987	27.524	64.3	17.759	.0	1484.8	15835.6	1.0
1420.0	1407.1	2.908	2.808	34.549	27.542	34.089	27.533	63.4	17.886	.0	1484.9	16187.4	4.2
1440.0	1426.9	2.869	2.767	34.551	27.548	34.187	27.538	62.9	18.013	.0	1485.1	16541.7	2.8
1460.0	1446.6	2.851	2.748	34.553	27.551	34.282	27.542	62.6	18.138	.0	1485.4	16898.5	2.5
1480.0	1466.3	2.823	2.718	34.555	27.555	34.377	27.546	62.3	18.263	.0	1485.6	17257.6	3.4
1500.0	1486.1	2.782	2.676	34.559	27.562	34.477	27.553	61.6	18.387	.0	1485.7	17619.2	1.6
1520.0	1505.8	2.742	2.636	34.563	27.569	34.576	27.560	61.0	18.510	.0	1485.9	17983.2	-.4
1540.0	1525.5	2.730	2.622	34.564	27.571	34.669	27.562	60.8	18.631	.0	1486.2	18349.6	4.9
1560.0	1545.3	2.686	2.576	34.567	27.577	34.768	27.568	60.2	18.752	.0	1486.3	18718.3	3.7
1580.0	1565.0	2.661	2.550	34.570	27.582	34.863	27.572	59.8	18.872	.0	1486.6	19089.4	5.8
1600.0	1584.7	2.608	2.496	34.574	27.590	34.964	27.580	59.0	18.991	.0	1486.7	19462.8	2.0
1620.0	1604.4	2.586	2.473	34.575	27.593	35.059	27.583	58.7	19.109	.0	1486.9	19838.5	1.4
1640.0	1624.2	2.543	2.429	34.580	27.600	35.159	27.590	58.0	19.226	.0	1487.1	20216.4	5.8
1660.0	1643.9	2.521	2.405	34.581	27.603	35.253	27.593	57.8	19.341	.0	1487.3	20596.7	.3
1680.0	1663.6	2.489	2.372	34.584	27.608	35.350	27.598	57.3	19.456	.0	1487.5	20979.1	1.1
1700.0	1683.3	2.466	2.348	34.587	27.612	35.446	27.603	56.9	19.570	.0	1487.8	21363.8	.0
1720.0	1703.0	2.428	2.308	34.590	27.618	35.544	27.608	56.3	19.684	.0	1487.9	21750.7	.3
1740.0	1722.7	2.408	2.287	34.592	27.621	35.638	27.611	56.0	19.796	.0	1488.2	22139.7	4.7
1760.0	1742.4	2.372	2.251	34.594	27.626	35.736	27.616	55.5	19.908	.0	1488.4	22530.9	3.8
1780.0	1762.1	2.329	2.206	34.598	27.633	35.835	27.623	54.8	20.018	.0	1488.5	22924.3	6.2
1800.0	1781.8	2.314	2.190	34.599	27.635	35.928	27.625	54.7	20.128	.0	1488.8	23319.8	.3
1820.0	1801.5	2.295	2.169	34.601	27.638	36.022	27.628	54.4	20.237	.0	1489.0	23717.5	.4
1840.0	1821.2	2.277	2.149	34.603	27.641	36.116	27.631	54.2	20.346	.0	1489.3	24117.2	3.9
1860.0	1840.9	2.263	2.134	34.603	27.643	36.209	27.632	54.0	20.454	.0	1489.6	24519.0	-.2
1880.0	1860.6	2.246	2.116	34.606	27.647	36.304	27.636	53.7	20.561	.0	1489.8	24923.0	-.5
1900.0	1880.3	2.235	2.103	34.606	27.648	36.396	27.637	53.7	20.669	.0	1490.1	25329.0	6.0
1920.0	1900.0	2.193	2.060	34.611	27.655	36.495	27.644	52.9	20.775	.0	1490.3	25737.0	3.1
1940.0	1919.7	2.181	2.046	34.611	27.657	36.587	27.646	52.8	20.881	.0	1490.6	26147.1	.7
1960.0	1939.4	2.168	2.032	34.612	27.658	36.680	27.647	52.7	20.986	.0	1490.8	26559.3	.2
1980.0	1959.1	2.145	2.008	34.614	27.662	36.775	27.651	52.3	21.091	.0	1491.1	26973.5	2.5
2000.0	1978.8	2.132	1.993	34.615	27.664	36.868	27.653	52.2	21.196	.0	1491.4	27389.7	9.9
2050.0	2028.0	2.077	1.935	34.619	27.672	37.104	27.661	51.4	21.454	.0	1492.0	28439.0	-.9
2098.0	2075.2	2.049	1.903	34.623	27.677	37.326	27.666	51.0	21.700	.0	1492.7	29458.0	.0

Station 64 Latitude 32° 11.13'N Longitude 127° 05.08'W 03 May 1991 GMT 11:30 Bottom 4100 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.912	14.912	33.169	24.580	24.580	24.580	334.7	.000	.0	1504.9	.0	.0
10.0	10.0	14.914	14.913	33.167	24.579	24.623	24.579	335.2	.335	.0	1505.0	1.7	-2.8
20.0	19.9	14.915	14.912	33.167	24.579	24.667	24.578	335.5	.670	.0	1505.2	6.7	-.8
30.0	29.9	14.868	14.863	33.167	24.590	24.722	24.588	334.8	1.005	.0	1505.2	15.0	7.7
40.0	39.8	14.726	14.720	33.158	24.613	24.790	24.612	332.8	1.340	.0	1504.9	26.7	108.4
50.0	49.8	14.275	14.268	33.145	24.699	24.920	24.697	324.9	1.668	.0	1503.6	41.7	34.6
60.0	59.8	14.199	14.190	33.141	24.712	24.978	24.710	323.9	1.993	.0	1503.5	59.9	12.6
70.0	69.7	14.137	14.127	33.139	24.724	25.034	24.722	323.1	2.316	.0	1503.5	81.4	7.6
80.0	79.7	14.100	14.089	33.138	24.731	25.085	24.729	322.7	2.639	.0	1503.5	106.1	9.1
90.0	89.7	14.032	14.019	33.137	24.744	25.143	24.742	321.7	2.961	.0	1503.4	133.9	6.5
100.0	99.6	14.005	13.991	33.152	24.761	25.205	24.758	320.3	3.282	.0	1503.5	165.0	26.4
110.0	109.6	13.414	13.399	33.124	24.861	25.350	24.858	311.0	3.599	.0	1501.7	199.3	291.3
120.0	119.5	11.964	11.948	33.073	25.103	25.640	25.100	287.9	3.896	.0	1496.9	236.6	128.8
130.0	129.5	10.807	10.792	33.077	25.316	25.900	25.313	267.7	4.176	.0	1493.0	276.8	229.9
140.0	139.4	10.126	10.110	33.151	25.490	26.121	25.487	251.1	4.435	.0	1490.8	319.7	164.7
150.0	149.4	9.791	9.774	33.236	25.613	26.290	25.610	239.6	4.680	.0	1489.8	365.0	157.9
160.0	159.3	9.505	9.487	33.325	25.729	26.453	25.727	228.6	4.914	.0	1489.0	412.7	72.7
170.0	169.3	9.268	9.250	33.430	25.850	26.619	25.847	217.3	5.138	.0	1488.4	462.7	243.1
180.0	179.2	9.224	9.205	33.568	25.964	26.779	25.961	206.7	5.349	.0	1488.6	514.9	36.3
190.0	189.1	9.116	9.096	33.650	26.046	26.906	26.043	199.1	5.554	.0	1488.5	569.1	144.7
200.0	199.1	9.057	9.035	33.730	26.118	27.024	26.115	192.4	5.748	.0	1488.5	625.3	52.7
210.0	209.0	8.904	8.882	33.831	26.222	27.173	26.218	182.7	5.937	.0	1488.2	683.3	102.5
220.0	219.0	8.775	8.752	33.865	26.268	27.265	26.265	178.5	6.117	.0	1488.0	743.2	74.4
230.0	228.9	8.647	8.623	33.889	26.308	27.350	26.304	174.9	6.294	.0	1487.7	804.9	67.3
240.0	238.9	8.440	8.415	33.940	26.380	27.468	26.376	168.2	6.465	.0	1487.1	868.3	72.6
250.0	248.8	8.357	8.331	33.971	26.417	27.551	26.413	164.8	6.631	.0	1487.0	933.4	4.6
260.0	258.7	8.317	8.290	33.975	26.426	27.606	26.422	164.1	6.796	.0	1487.0	1000.1	27.2
270.0	268.6	8.148	8.121	33.989	26.462	27.688	26.458	160.7	6.958	.0	1486.6	1068.4	9.6
280.0	278.6	8.089	8.061	33.999	26.479	27.750	26.474	159.3	7.118	.0	1486.5	1138.3	13.1
290.0	288.5	7.858	7.829	34.001	26.515	27.833	26.510	155.9	7.275	.0	1485.8	1209.8	41.7
300.0	298.5	7.693	7.663	33.998	26.536	27.901	26.532	154.0	7.430	.0	1485.3	1282.8	27.4
310.0	308.4	7.563	7.533	34.011	26.565	27.976	26.561	151.3	7.583	.0	1485.0	1357.4	10.1
320.0	318.3	7.389	7.358	34.003	26.584	28.042	26.579	149.6	7.734	.0	1484.5	1433.4	8.0
330.0	328.2	7.305	7.273	34.001	26.594	28.098	26.590	148.7	7.883	.0	1484.3	1510.9	8.0
340.0	338.2	7.211	7.179	34.002	26.608	28.158	26.604	147.5	8.031	.0	1484.1	1589.9	19.4
350.0	348.1	7.076	7.043	34.004	26.628	28.225	26.624	145.6	8.178	.0	1483.7	1670.4	40.7
360.0	358.0	6.897	6.864	34.006	26.655	28.299	26.650	143.2	8.322	.0	1483.2	1752.3	42.5
370.0	368.0	6.699	6.665	34.009	26.683	28.374	26.679	140.4	8.464	.0	1482.6	1835.6	28.1
380.0	377.9	6.611	6.577	34.010	26.696	28.433	26.691	139.3	8.604	.0	1482.4	1920.3	20.8
390.0	387.8	6.421	6.386	34.015	26.725	28.510	26.721	136.5	8.742	.0	1481.8	2006.4	41.2
400.0	397.7	6.314	6.279	34.019	26.742	28.574	26.738	135.0	8.877	.0	1481.6	2093.9	2.3
410.0	407.6	6.226	6.190	34.033	26.764	28.642	26.760	133.0	9.011	.0	1481.4	2182.6	1.4
420.0	417.6	6.152	6.116	34.041	26.780	28.704	26.775	131.5	9.143	.0	1481.3	2272.7	21.6
430.0	427.5	5.989	5.952	34.038	26.799	28.770	26.794	129.7	9.274	.0	1480.8	2364.1	22.4
440.0	437.4	5.876	5.838	34.043	26.817	28.835	26.812	128.0	9.403	.0	1480.5	2456.8	20.4
450.0	447.4	5.789	5.751	34.058	26.839	28.904	26.834	126.0	9.530	.0	1480.3	2550.7	16.8
460.0	457.3	5.660	5.622	34.062	26.858	28.970	26.853	124.2	9.655	.0	1480.0	2645.9	13.9
470.0	467.2	5.639	5.600	34.076	26.872	29.030	26.867	123.0	9.779	.0	1480.1	2742.3	9.5
480.0	477.1	5.620	5.580	34.092	26.887	29.091	26.882	121.7	9.901	.0	1480.2	2839.9	3.6
490.0	487.0	5.645	5.604	34.112	26.900	29.149	26.895	120.6	10.022	.0	1480.5	2938.7	17.1
500.0	497.0	5.475	5.433	34.113	26.921	29.218	26.917	118.5	10.142	.0	1479.9	3038.7	9.8
510.0	506.9	5.408	5.366	34.118	26.934	29.277	26.929	117.4	10.260	.0	1479.8	3139.9	16.2
520.0	516.8	5.246	5.203	34.117	26.952	29.343	26.947	115.6	10.377	.0	1479.3	3242.2	35.2
530.0	526.7	5.261	5.218	34.130	26.960	29.396	26.955	115.0	10.492	.0	1479.6	3345.7	16.8
540.0	536.6	5.145	5.102	34.132	26.976	29.459	26.971	113.5	10.606	.0	1479.3	3450.3	18.2
550.0	546.5	5.036	4.992	34.131	26.987	29.518	26.982	112.4	10.719	.0	1479.0	3556.0	25.0
560.0	556.4	5.056	5.011	34.160	27.008	29.585	27.003	110.5	10.830	.0	1479.3	3662.8	10.9
570.0	566.4	5.001	4.956	34.162	27.016	29.638	27.011	109.9	10.941	.0	1479.2	3770.8	.7
580.0	576.3	4.932	4.886	34.176	27.035	29.705	27.030	108.1	11.050	.0	1479.1	3879.8	14.7
590.0	586.2	4.946	4.899	34.190	27.045	29.760	27.040	107.3	11.157	.0	1479.3	3989.8	11.5
600.0	596.1	4.923	4.875	34.204	27.058	29.819	27.053	106.1	11.264	.0	1479.4	4101.0	11.5
610.0	606.0	4.908	4.860	34.211	27.066	29.872	27.060	105.5	11.370	.0	1479.5	4213.1	6.8
620.0	615.9	4.872	4.822	34.217	27.075	29.928	27.069	104.7	11.475	.0	1479.6	4326.4	14.1
630.0	625.8	4.878	4.828	34.229	27.083	29.982	27.078	104.0	11.580	.0	1479.8	4440.6	8.9
640.0	635.7	4.826	4.775	34.234	27.094	30.039	27.088	103.1	11.683	.0	1479.7	4555.9	10.4
650.0	645.7	4.751	4.700	34.238	27.105	30.097	27.100	102.0	11.786	.0	1479.6	4672.2	6.5
660.0	655.6	4.805	4.753	34.255	27.112	30.149	27.107	101.5	11.888	.0	1480.0	4789.5	10.7
670.0	665.5	4.816	4.763	34.272	27.125	30.207	27.119	100.5	11.988	.0	1480.2	4907.8	6.9
680.0	675.4	4.795	4.741	34.286	27.138	30.266	27.132	99.3	12.089	.0	1480.3	5027.0	23.6
690.0	685.3	4.756	4.702	34.292	27.148	30.322	27.142	98.5	12.187	.0	1480.3	5147.3	5.1
700.0	695.2	4.647	4.592	34.289	27.157	30.379	27.151	97.5	12.285	.0	1480.0	5268.5	19.2
710.0	705.1	4.662	4.607	34.306	27.169	30.437	27.163	96.5	12.382	.0	1480.3	5390.7	9.8
720.0	715.0	4.628	4.572	34.322	27.186	30.500	27.180	95.0	12.478	.0	1480.3	5513.8	10.4
730.0	724.9	4.599	4.542	34.326	27.193	30.552	27.186	94.4	12.573	.0	1480.4	5637.9	2.5
740.0	734.8	4.547	4.489	34.333	27.204	30.610	27.198	93.4	12.667	.0	1480.3	5762.9	3.4
750.0	744.7	4.526	4.468	34.334	27.207	30.659	27.201	93.2	12.760	.0	1480.4	5888.8	9.2
760.0	754.6	4.477	4.418	34.344	27.220	30.719	27.214	92.0	12.853	.0	1480.4	6015.7	12.4
770.0	764.5	4.434	4.375	34.356	27.235	30.780	27.228	90.6	12.944	.0	1480.4	6143.4	12.7
780.0	774.4	4.409	4.349	34.358	27.239	30.830	27.232	90.3	13.035	.0	1480.5	6272.0	6.9
790.0	784.3	4.363	4.302	34.365	27.250	30.888	27.243	89.3	13.124	.0	1480.4	6401.5	18.6
800.0	794.2	4.317	4.256	34.376	27.263	30.948	27.257	88.0	13.213	.0	1480.4	6531.9	2.2
810.0	804.1	4.299	4.237	34.381	27.269	31.000	27.263	87.5	13.300	.0	1480.5	6663.2	2.5
820.0	814.0	4.240	4.177	34.381	27.275	31.052	27.268	87.0	13.388	.0	1480.4	6795.3	5.4
830.0	823.9	4.200	4.137	34.382	27.280	31.104	27.274	86.5	13.475	.0	1480.4	6928.3	2.5
840.0	833.8	4.200	4.137	34.391	27.288	31.157	27.281	85.9	13.561	.0	1480.6	7062.1	11.6
850.0	843.7	4.161	4.097	34.398	27.297	31.213	27.291	85.0	13.646	.0	1480.6	7196.7	14.8
860.0	853.6	4.144	4.079	34.405	27.305	31.267	27.298	84.4	13.731	.0	1480.7	7332.2	7.5
870.0	863.5	4.129	4.063	34.413	27.313	31.321	27.306	83.7	13.815	.0	1480.9	7468.5	17.4
880.0	873.4	4.054	3.987	34.419	27.325	31.381	27.319	82.4	13.898	.0	1480.7	7605.7	10.1
890.0	883.3	4.032	3.965	34.422	27.330	31.431	27.323	82.1	13.980	.0	1480.8	7743.6	1.9
900.0	893.2	4.014	3.946	34.426	27.335	31.482	27.328	81.6	14.062	.0	1480.9	7882.4	8.4
910.0	903.1	3.987	3.919	34.431	27.342	31.535	27.335	81.1	14.143	.0	1480.9	8021.9	1.6
920.0	913.0	3.985	3.916	34.432	27.343	31.583	27.336	81.0	14.224	.0	1481.1	8162.3	4.3
930.0	922.9	3.974	3.904	34.440	27.351	31.636	27.344	80.3	14.305	.0	1481.2	8303.4	2.8
940.0	932.8	3.949	3.879	34.444	27.357	31.688	27.349	79.9	14.385	.0	1481.3	8445.3	7.2
950.0	942.7	3.923	3.852	34.449	27.363	31.740	27.355	79.3	14.465	.0	1481.4	8588.1	4.0
960.0	952.6	3.905	3.833	34.451	27.367	31.790	27.360	79.0	14.544	.0	1481.4	8731.5	.8
970.0	962.5	3.885	3.812	34.454	27.371	31.841	27.364	78.6	14.623	.0	1481.5	8875.8	5.5
980.0	972.4	3.857	3.784	34.458	27.377	31.893	27.369	78.1	14.701	.0	1481.6	9020.8	3.4
990.0	982.3	3.838	3.765	34.461	27.382	31.943	27.374	77.7	14.779	.0	1481.7	9166.6	6.7

Station 64 Latitude 32° 11.13'N Longitude 127° 05.08'W 03 May 1991 GMT 11:30 Bottom 4100 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.803	3.729	34.464	27.388	31.996	27.380	77.2	14.856	.0	1481.7	9313.2	4.0
1020.0	1011.9	3.742	3.667	34.467	27.396	32.097	27.388	76.4	15.010	.0	1481.8	9608.6	2.6
1040.0	1031.7	3.698	3.622	34.470	27.403	32.196	27.395	75.8	15.162	.0	1481.9	9907.0	5.8
1060.0	1051.5	3.672	3.595	34.476	27.410	32.296	27.403	75.2	15.313	.0	1482.1	10208.3	.0
1080.0	1071.3	3.608	3.529	34.483	27.423	32.401	27.415	74.1	15.462	.0	1482.2	10512.6	5.5
1100.0	1091.0	3.543	3.463	34.488	27.433	32.504	27.425	73.1	15.609	.0	1482.3	10819.8	7.3
1120.0	1110.8	3.492	3.411	34.494	27.442	32.606	27.434	72.3	15.755	.0	1482.4	11129.8	4.1
1140.0	1130.6	3.447	3.365	34.498	27.450	32.706	27.442	71.6	15.899	.0	1482.5	11442.7	2.6
1160.0	1150.3	3.412	3.328	34.503	27.458	32.806	27.450	70.9	16.041	.0	1482.7	11758.3	4.4
1180.0	1170.1	3.372	3.287	34.507	27.465	32.905	27.457	70.3	16.183	.0	1482.9	12076.8	-.9
1200.0	1189.9	3.337	3.251	34.511	27.471	33.004	27.463	69.8	16.323	.0	1483.1	12398.0	.0
1220.0	1209.6	3.303	3.215	34.514	27.477	33.101	27.469	69.3	16.462	.0	1483.3	12721.9	7.0
1240.0	1229.4	3.261	3.172	34.517	27.484	33.200	27.475	68.7	16.600	.0	1483.4	13048.5	3.0
1260.0	1249.1	3.216	3.126	34.521	27.491	33.300	27.483	68.0	16.736	.0	1483.6	13377.8	7.4
1280.0	1268.9	3.180	3.088	34.523	27.496	33.397	27.487	67.6	16.871	.0	1483.8	13709.7	1.2
1300.0	1288.6	3.146	3.053	34.528	27.503	33.496	27.494	67.0	17.006	.0	1483.9	14044.3	-1.7
1320.0	1308.4	3.117	3.022	34.529	27.507	33.592	27.499	66.6	17.140	.0	1484.2	14381.5	1.5
1340.0	1328.1	3.083	2.987	34.532	27.512	33.690	27.504	66.2	17.272	.0	1484.3	14721.3	5.9
1360.0	1347.9	3.053	2.956	34.534	27.517	33.786	27.508	65.8	17.404	.0	1484.6	15063.6	3.9
1380.0	1367.6	3.023	2.925	34.537	27.522	33.883	27.513	65.3	17.535	.0	1484.8	15408.6	5.1
1400.0	1387.4	2.980	2.881	34.540	27.529	33.982	27.520	64.7	17.666	.0	1484.9	15756.1	2.5
1420.0	1407.1	2.947	2.847	34.543	27.534	34.079	27.525	64.2	17.794	.0	1485.1	16106.1	-.8
1440.0	1426.8	2.923	2.821	34.545	27.538	34.175	27.529	64.0	17.923	.0	1485.3	16458.6	1.0
1460.0	1446.6	2.884	2.781	34.548	27.544	34.273	27.535	63.4	18.050	.0	1485.5	16813.5	1.3
1480.0	1466.3	2.850	2.745	34.552	27.551	34.372	27.541	62.8	18.176	.0	1485.7	17171.0	3.1
1500.0	1486.1	2.820	2.714	34.557	27.557	34.470	27.548	62.2	18.301	.0	1485.9	17530.9	5.4
1520.0	1505.8	2.784	2.677	34.560	27.563	34.568	27.553	61.7	18.425	.0	1486.1	17893.2	4.9
1540.0	1525.5	2.750	2.642	34.562	27.568	34.665	27.558	61.2	18.548	.0	1486.3	18258.0	3.7
1560.0	1545.2	2.712	2.603	34.566	27.574	34.763	27.565	60.6	18.670	.0	1486.5	18625.1	1.4
1580.0	1565.0	2.691	2.580	34.567	27.577	34.858	27.567	60.4	18.791	.0	1486.7	18994.5	4.9
1600.0	1584.7	2.653	2.540	34.570	27.583	34.956	27.573	59.8	18.911	.0	1486.9	19366.3	.2
1620.0	1604.4	2.628	2.515	34.572	27.586	35.051	27.576	59.5	19.031	.0	1487.1	19740.5	1.4
1640.0	1624.1	2.590	2.475	34.575	27.593	35.149	27.583	58.9	19.149	.0	1487.3	20116.9	1.4
1660.0	1643.8	2.566	2.450	34.578	27.597	35.245	27.587	58.5	19.266	.0	1487.5	20495.6	2.0
1680.0	1663.6	2.545	2.427	34.579	27.600	35.339	27.590	58.3	19.383	.0	1487.8	20876.6	-.3
1700.0	1683.3	2.523	2.404	34.581	27.603	35.434	27.593	58.0	19.499	.0	1488.0	21259.9	2.1
1720.0	1703.0	2.485	2.365	34.584	27.609	35.532	27.598	57.4	19.615	.0	1488.2	21645.4	.6
1740.0	1722.7	2.442	2.320	34.588	27.616	35.631	27.605	56.7	19.729	.0	1488.3	22033.1	5.9
1760.0	1742.4	2.394	2.272	34.592	27.623	35.731	27.612	56.0	19.841	.0	1488.5	22423.0	4.4
1780.0	1762.1	2.362	2.239	34.595	27.628	35.828	27.617	55.5	19.953	.0	1488.6	22815.1	1.8
1800.0	1781.8	2.345	2.220	34.595	27.630	35.921	27.619	55.3	20.063	.0	1488.9	23209.3	-.8
1820.0	1801.5	2.318	2.192	34.598	27.634	36.017	27.624	54.9	20.174	.0	1489.1	23605.7	2.1
1840.0	1821.2	2.303	2.175	34.600	27.637	36.111	27.626	54.7	20.283	.0	1489.4	24004.2	1.3
1860.0	1840.9	2.279	2.150	34.602	27.641	36.206	27.630	54.3	20.392	.0	1489.6	24404.8	.4
1880.0	1860.6	2.254	2.123	34.604	27.645	36.301	27.634	54.0	20.500	.0	1489.9	24807.5	1.0
1900.0	1880.3	2.224	2.093	34.607	27.649	36.398	27.639	53.5	20.608	.0	1490.1	25212.3	3.3
1920.0	1900.0	2.202	2.069	34.609	27.653	36.492	27.642	53.2	20.715	.0	1490.3	25619.2	2.5
1940.0	1919.7	2.174	2.039	34.611	27.657	36.588	27.646	52.7	20.820	.0	1490.5	26028.1	2.2
1960.0	1939.4	2.153	2.017	34.613	27.660	36.683	27.649	52.4	20.926	.0	1490.8	26439.1	.2
1980.0	1959.1	2.133	1.996	34.615	27.663	36.777	27.652	52.2	21.030	.0	1491.0	26852.1	1.6
2000.0	1978.7	2.118	1.979	34.616	27.666	36.870	27.655	51.9	21.134	.0	1491.3	27267.1	.5
2050.0	2027.9	2.072	1.930	34.621	27.674	37.106	27.662	51.2	21.392	.0	1491.9	28313.3	1.4
2098.0	2075.2	2.030	1.885	34.651	27.701	37.350	27.689	48.8	21.636	.0	1492.6	29329.3	.0

Station 65 Latitude 32° 15.33'N Longitude 127° 12.11'W 03 May 1991 GMT 13:43 Bottom 2270 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.911	14.911	33.162	24.575	24.575	24.575	335.2	.000	.0	1504.9	.0	.0
10.0	10.0	14.907	14.905	33.161	24.576	24.620	24.575	335.5	.335	.0	1505.0	1.7	2.1
20.0	19.9	14.907	14.904	33.161	24.576	24.664	24.575	335.8	.671	.0	1505.2	6.7	.1
30.0	29.9	14.909	14.904	33.160	24.576	24.708	24.575	336.1	1.007	.0	1505.3	15.0	.7
40.0	39.8	14.875	14.869	33.189	24.605	24.781	24.604	333.6	1.343	.0	1505.4	26.7	119.0
50.0	49.8	14.729	14.722	33.237	24.674	24.894	24.672	327.3	1.672	.0	1505.2	41.8	25.3
60.0	59.8	14.597	14.589	33.233	24.699	24.964	24.697	325.2	1.998	.0	1504.9	60.1	15.6
70.0	69.7	14.566	14.556	33.250	24.719	25.028	24.717	323.6	2.323	.0	1505.0	81.6	19.4
80.0	79.7	14.546	14.535	33.268	24.738	25.091	24.735	322.1	2.645	.0	1505.1	106.3	11.2
90.0	89.7	14.643	14.630	33.358	24.787	25.184	24.784	317.7	2.966	.0	1505.7	134.3	56.1
100.0	99.6	13.520	13.506	33.219	24.913	25.357	24.910	305.8	3.279	.0	1502.0	165.4	251.2
110.0	109.6	11.987	11.973	33.053	25.083	25.575	25.080	289.6	3.576	.0	1496.8	199.5	143.1
120.0	119.5	11.281	11.267	33.075	25.229	25.767	25.227	275.8	3.859	.0	1494.5	236.5	86.8
130.0	129.5	11.022	11.007	33.129	25.318	25.902	25.316	267.5	4.131	.0	1493.8	276.3	148.8
140.0	139.4	10.437	10.421	33.150	25.437	26.067	25.434	256.3	4.394	.0	1491.9	318.7	169.5
150.0	149.4	10.006	9.989	33.195	25.545	26.222	25.542	246.1	4.644	.0	1490.5	363.7	116.4
160.0	159.3	9.694	9.676	33.281	25.664	26.387	25.661	234.9	4.884	.0	1489.7	411.0	123.4
170.0	169.3	9.468	9.449	33.358	25.761	26.529	25.758	225.8	5.114	.0	1489.1	460.8	58.3
180.0	179.2	9.293	9.274	33.412	25.832	26.646	25.829	219.2	5.336	.0	1488.7	512.7	113.7
190.0	189.1	9.119	9.099	33.489	25.920	26.780	25.917	211.0	5.550	.0	1488.3	566.9	37.5
200.0	199.1	8.926	8.905	33.552	26.000	26.906	25.997	203.6	5.758	.0	1487.8	623.1	56.5
210.0	209.0	9.092	9.070	33.685	26.078	27.028	26.074	196.5	5.959	.0	1488.8	681.3	232.0
220.0	219.0	8.859	8.836	33.804	26.208	27.204	26.204	184.3	6.147	.0	1488.2	741.5	78.2
230.0	228.9	8.737	8.713	33.892	26.296	27.338	26.292	176.0	6.328	.0	1488.0	803.5	80.8
240.0	238.9	8.599	8.574	33.945	26.359	27.447	26.355	170.2	6.500	.0	1487.7	867.2	39.2
250.0	248.8	8.431	8.405	33.976	26.409	27.543	26.405	165.5	6.668	.0	1487.3	932.6	50.9
260.0	258.7	8.246	8.219	33.988	26.447	27.627	26.443	162.1	6.831	.0	1486.8	999.7	10.5
270.0	268.6	8.042	8.015	33.995	26.482	27.709	26.478	158.7	6.992	.0	1486.2	1068.4	26.8
280.0	278.6	7.844	7.816	33.998	26.514	27.788	26.510	155.8	7.149	.0	1485.6	1138.6	29.7
290.0	288.5	7.744	7.716	33.996	26.528	27.847	26.523	154.7	7.304	.0	1485.4	1210.4	10.7
300.0	298.5	7.692	7.663	33.996	26.535	27.900	26.531	154.1	7.458	.0	1485.3	1283.7	4.5
310.0	308.4	7.589	7.559	33.998	26.551	27.962	26.547	152.6	7.611	.0	1485.1	1358.5	30.9
320.0	318.3	7.415	7.384	34.000	26.578	28.036	26.574	150.2	7.762	.0	1484.6	1434.8	3.9
330.0	328.2	7.280	7.249	34.002	26.598	28.103	26.594	148.3	7.911	.0	1484.2	1512.6	17.9
340.0	338.2	7.161	7.129	34.004	26.617	28.167	26.612	146.7	8.059	.0	1483.9	1591.9	12.1
350.0	348.1	7.074	7.041	34.004	26.629	28.226	26.624	145.6	8.205	.0	1483.7	1672.7	17.0
360.0	358.0	6.962	6.928	34.004	26.644	28.288	26.640	144.2	8.350	.0	1483.5	1754.9	24.9
370.0	368.0	6.838	6.804	34.007	26.663	28.353	26.659	142.5	8.493	.0	1483.1	1838.5	19.6
380.0	377.9	6.732	6.697	34.007	26.678	28.414	26.674	141.1	8.635	.0	1482.9	1923.5	9.1
390.0	387.8	6.563	6.528	34.012	26.704	28.487	26.699	138.7	8.775	.0	1482.4	2009.9	22.2
400.0	397.7	6.488	6.452	34.012	26.714	28.544	26.709	137.8	8.913	.0	1482.2	2097.7	13.4
410.0	407.7	6.328	6.292	34.017	26.739	28.616	26.734	135.4	9.049	.0	1481.8	2186.8	6.1
420.0	417.6	6.206	6.169	34.023	26.759	28.683	26.755	133.6	9.184	.0	1481.5	2277.3	7.2
430.0	427.5	6.117	6.080	34.027	26.774	28.744	26.769	132.2	9.317	.0	1481.3	2369.1	22.4
440.0	437.4	6.004	5.966	34.033	26.793	28.810	26.788	130.5	9.448	.0	1481.0	2462.2	30.3
450.0	447.4	5.883	5.844	34.038	26.812	28.876	26.807	128.7	9.578	.0	1480.7	2556.6	24.5
460.0	457.3	5.829	5.790	34.038	26.819	28.928	26.814	128.1	9.706	.0	1480.6	2652.2	13.0
470.0	467.2	5.730	5.690	34.040	26.833	28.989	26.828	126.8	9.834	.0	1480.4	2749.1	17.7
480.0	477.1	5.627	5.587	34.046	26.850	29.053	26.845	125.2	9.960	.0	1480.1	2847.3	11.5
490.0	487.0	5.586	5.545	34.049	26.857	29.107	26.853	124.6	10.084	.0	1480.1	2946.7	4.5
500.0	497.0	5.528	5.486	34.054	26.868	29.165	26.864	123.6	10.209	.0	1480.1	3047.4	22.1
510.0	506.9	5.470	5.428	34.060	26.880	29.222	26.875	122.6	10.332	.0	1480.0	3149.3	12.1
520.0	516.8	5.403	5.360	34.067	26.894	29.283	26.889	121.3	10.453	.0	1479.9	3252.3	11.2
530.0	526.7	5.339	5.296	34.075	26.908	29.344	26.903	120.0	10.574	.0	1479.8	3356.6	21.5
540.0	536.6	5.272	5.228	34.088	26.926	29.408	26.921	118.3	10.693	.0	1479.7	3462.1	22.7
550.0	546.5	5.225	5.181	34.097	26.938	29.467	26.933	117.3	10.811	.0	1479.7	3568.7	12.1
560.0	556.5	5.167	5.122	34.104	26.951	29.526	26.946	116.1	10.927	.0	1479.6	3676.4	11.5
570.0	566.4	5.127	5.082	34.113	26.963	29.584	26.958	115.0	11.043	.0	1479.7	3785.4	30.8
580.0	576.3	5.098	5.051	34.128	26.978	29.645	26.972	113.7	11.157	.0	1479.7	3895.4	.1
590.0	586.2	5.019	4.972	34.139	26.996	29.710	26.991	112.0	11.269	.0	1479.6	4006.6	8.3
600.0	596.1	4.905	4.857	34.149	27.017	29.778	27.011	110.0	11.380	.0	1479.3	4118.8	12.1
610.0	606.0	4.795	4.748	34.159	27.037	29.846	27.032	108.1	11.489	.0	1479.0	4232.2	16.8
620.0	615.9	4.742	4.694	34.175	27.056	29.911	27.050	106.3	11.597	.0	1479.0	4346.6	17.3
630.0	625.8	4.700	4.651	34.186	27.070	29.971	27.064	105.0	11.703	.0	1479.0	4462.1	20.6
640.0	635.8	4.686	4.636	34.194	27.077	30.025	27.072	104.4	11.807	.0	1479.1	4578.6	5.9
650.0	645.7	4.665	4.614	34.206	27.089	30.083	27.083	103.4	11.911	.0	1479.2	4696.1	13.0
660.0	655.6	4.630	4.579	34.216	27.101	30.141	27.096	102.3	12.014	.0	1479.2	4814.6	11.5
670.0	665.5	4.587	4.536	34.227	27.115	30.201	27.109	101.1	12.116	.0	1479.2	4934.2	23.8
680.0	675.4	4.570	4.517	34.245	27.131	30.263	27.125	99.6	12.216	.0	1479.3	5054.7	28.2
690.0	685.3	4.522	4.469	34.259	27.147	30.326	27.142	98.1	12.315	.0	1479.3	5176.2	10.9
700.0	695.2	4.476	4.422	34.270	27.161	30.386	27.155	96.9	12.413	.0	1479.3	5298.7	15.6
710.0	705.1	4.445	4.391	34.280	27.172	30.444	27.166	95.9	12.509	.0	1479.4	5422.2	8.9
720.0	715.0	4.419	4.364	34.290	27.183	30.500	27.177	94.9	12.604	.0	1479.4	5546.6	8.3
730.0	724.9	4.403	4.347	34.294	27.188	30.552	27.182	94.5	12.699	.0	1479.5	5671.9	15.9
740.0	734.8	4.377	4.321	34.304	27.199	30.608	27.192	93.6	12.793	.0	1479.6	5798.1	1.6
750.0	744.7	4.354	4.297	34.315	27.210	30.666	27.204	92.6	12.886	.0	1479.7	5925.3	11.5
760.0	754.6	4.344	4.286	34.324	27.219	30.720	27.212	91.9	12.979	.0	1479.8	6053.4	5.7
770.0	764.5	4.321	4.263	34.328	27.224	30.772	27.218	91.4	13.070	.0	1479.9	6182.3	10.9
780.0	774.4	4.308	4.248	34.336	27.232	30.826	27.226	90.7	13.161	.0	1480.0	6312.2	11.5
790.0	784.3	4.282	4.222	34.340	27.238	30.878	27.232	90.2	13.252	.0	1480.1	6443.0	10.7
800.0	794.2	4.281	4.220	34.359	27.253	30.939	27.247	88.9	13.342	.0	1480.3	6574.7	5.7
810.0	804.1	4.252	4.191	34.366	27.262	30.994	27.256	88.1	13.430	.0	1480.3	6707.2	4.2
820.0	814.0	4.221	4.159	34.370	27.269	31.047	27.262	87.5	13.518	.0	1480.4	6840.6	6.9
830.0	823.9	4.190	4.127	34.372	27.273	31.097	27.267	87.1	13.605	.0	1480.4	6974.8	.1
840.0	833.8	4.129	4.066	34.378	27.285	31.156	27.278	86.0	13.692	.0	1480.3	7110.0	9.2
850.0	843.7	4.111	4.047	34.381	27.289	31.206	27.282	85.7	13.778	.0	1480.4	7245.9	-.2
860.0	853.6	4.084	4.020	34.389	27.298	31.261	27.291	84.9	13.863	.0	1480.5	7382.7	16.3
870.0	863.5	4.054	3.989	34.396	27.307	31.316	27.300	84.1	13.948	.0	1480.5	7520.3	8.9
880.0	873.4	4.038	3.972	34.402	27.314	31.369	27.307	83.5	14.031	.0	1480.6	7658.8	6.3
890.0	883.3	4.009	3.942	34.404	27.318	31.420	27.311	83.1	14.115	.0	1480.7	7798.1	7.2
900.0	893.2	3.990	3.923	34.407	27.322	31.470	27.315	82.8	14.198	.0	1480.8	7938.1	5.1
910.0	903.1	3.955	3.888	34.414	27.331	31.526	27.324	81.9	14.280	.0	1480.8	8079.0	2.5
920.0	913.0	3.949	3.881	34.415	27.333	31.573	27.326	81.9	14.362	.0	1480.9	8220.8	-.7
930.0	922.9	3.949	3.879	34.416	27.334	31.620	27.327	81.8	14.444	.0	1481.1	8363.3	9.8
940.0	932.8	3.936	3.866	34.424	27.342	31.674	27.335	81.2	14.525	.0	1481.2	8506.6	-1.0
950.0	942.7	3.912	3.841	34.427	27.347	31.724	27.339	80.8	14.606	.0	1481.3	8650.7	17.5
960.0	952.6	3.897	3.826	34.431	27.351	31.775	27.344	80.4	14.687	.0	1481.4	8795.6	10.2
970.0	962.5	3.867	3.795	34.436	27.358	31.829	27.351	79.8	14.767	.0	1481.4	8941.3	4.0
980.0	972.4	3.814	3.742	34.438	27.365	31.882	27.358	79.1	14.846	.0	1481.4	9087.7	6.6
990.0	982.3	3.760	3.688	34.442	27.374	31.938	27.367	78.2	14.925	.0	1481.3	9235.0	4.6

Station 65 Latitude 32° 15.33'N Longitude 127° 12.11'W 03 May 1991 GMT 13:43 Bottom 2270 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.731	3.657	34.447	27.381	31.992	27.374	77.6	15.002	.0	1481.4	9383.0	14.0
1020.0	1011.9	3.708	3.633	34.457	27.392	32.093	27.384	76.7	15.157	.0	1481.6	9681.2	3.4
1040.0	1031.7	3.678	3.601	34.463	27.400	32.194	27.392	76.1	15.309	.0	1481.8	9982.5	5.8
1060.0	1051.5	3.650	3.572	34.469	27.407	32.293	27.400	75.4	15.461	.0	1482.0	10286.8	11.4
1080.0	1071.3	3.593	3.514	34.473	27.416	32.395	27.408	74.6	15.611	.0	1482.1	10594.0	9.3
1100.0	1091.0	3.530	3.450	34.480	27.428	32.499	27.420	73.6	15.759	.0	1482.2	10904.1	4.3
1120.0	1110.8	3.502	3.420	34.484	27.434	32.597	27.426	73.1	15.906	.0	1482.4	11217.1	-.6
1140.0	1130.6	3.466	3.383	34.489	27.442	32.697	27.434	72.4	16.051	.0	1482.6	11533.0	11.7
1160.0	1150.3	3.445	3.361	34.494	27.447	32.794	27.439	72.0	16.195	.0	1482.9	11851.7	-.3
1180.0	1170.1	3.402	3.317	34.498	27.455	32.894	27.447	71.3	16.338	.0	1483.0	12173.2	2.6
1200.0	1189.9	3.378	3.291	34.501	27.460	32.991	27.452	70.9	16.481	.0	1483.2	12497.5	3.2
1220.0	1209.6	3.358	3.270	34.504	27.464	33.087	27.456	70.7	16.622	.0	1483.5	12824.5	7.6
1240.0	1229.4	3.290	3.201	34.510	27.475	33.191	27.467	69.6	16.762	.0	1483.5	13154.3	3.8
1260.0	1249.1	3.270	3.180	34.515	27.481	33.289	27.473	69.1	16.901	.0	1483.8	13486.9	4.7
1280.0	1268.9	3.227	3.135	34.521	27.490	33.390	27.481	68.3	17.038	.0	1484.0	13822.1	3.6
1300.0	1288.7	3.201	3.108	34.523	27.495	33.486	27.486	67.9	17.174	.0	1484.2	14160.0	.9
1320.0	1308.4	3.160	3.066	34.526	27.500	33.584	27.492	67.4	17.310	.0	1484.3	14500.5	5.4
1340.0	1328.2	3.108	3.012	34.529	27.508	33.684	27.499	66.7	17.444	.0	1484.4	14843.7	4.2
1360.0	1347.9	3.071	2.974	34.533	27.515	33.783	27.506	66.1	17.576	.0	1484.6	15189.4	7.4
1380.0	1367.6	3.041	2.943	34.536	27.520	33.880	27.511	65.6	17.708	.0	1484.8	15537.8	.7
1400.0	1387.4	3.008	2.908	34.539	27.526	33.978	27.517	65.1	17.839	.0	1485.0	15888.7	3.1
1420.0	1407.1	2.961	2.861	34.543	27.533	34.078	27.524	64.4	17.968	.0	1485.2	16242.1	11.6
1440.0	1426.9	2.914	2.812	34.548	27.541	34.178	27.532	63.6	18.096	.0	1485.3	16598.0	-.2
1460.0	1446.6	2.888	2.785	34.550	27.545	34.274	27.536	63.3	18.223	.0	1485.5	16956.4	3.4
1480.0	1466.3	2.851	2.747	34.553	27.551	34.372	27.542	62.7	18.349	.0	1485.7	17317.3	2.5
1500.0	1486.1	2.830	2.724	34.555	27.554	34.467	27.545	62.5	18.474	.0	1485.9	17680.6	1.1
1520.0	1505.8	2.796	2.688	34.558	27.560	34.565	27.551	61.9	18.599	.0	1486.1	18046.4	5.2
1540.0	1525.5	2.760	2.651	34.561	27.566	34.663	27.556	61.4	18.722	.0	1486.3	18414.5	2.0
1560.0	1545.3	2.743	2.633	34.563	27.569	34.757	27.559	61.2	18.845	.0	1486.6	18785.0	7.0
1580.0	1565.0	2.724	2.612	34.564	27.572	34.851	27.562	61.0	18.967	.0	1486.8	19158.0	6.4
1600.0	1584.7	2.704	2.591	34.566	27.575	34.946	27.565	60.7	19.088	.0	1487.1	19533.2	3.8
1620.0	1604.4	2.695	2.580	34.567	27.577	35.039	27.567	60.7	19.210	.0	1487.4	19910.9	4.9
1640.0	1624.1	2.675	2.560	34.569	27.580	35.133	27.570	60.4	19.331	.0	1487.6	20290.9	2.3
1660.0	1643.9	2.647	2.530	34.570	27.584	35.229	27.574	60.1	19.451	.0	1487.8	20673.2	5.9
1680.0	1663.6	2.622	2.503	34.572	27.587	35.324	27.577	59.8	19.571	.0	1488.1	21057.9	5.0
1700.0	1683.3	2.560	2.441	34.577	27.597	35.426	27.587	58.7	19.689	.0	1488.1	21444.9	-.6
1720.0	1703.0	2.545	2.424	34.580	27.601	35.521	27.590	58.5	19.806	.0	1488.4	21834.1	3.2
1740.0	1722.7	2.464	2.343	34.588	27.614	35.628	27.603	57.0	19.922	.0	1488.4	22225.6	.6
1760.0	1742.4	2.449	2.326	34.588	27.615	35.721	27.605	56.9	20.036	.0	1488.7	22619.4	1.5
1780.0	1762.1	2.405	2.281	34.592	27.622	35.820	27.611	56.2	20.149	.0	1488.8	23015.3	-1.4
1800.0	1781.8	2.363	2.238	34.596	27.628	35.919	27.618	55.5	20.261	.0	1489.0	23413.5	4.5
1820.0	1801.5	2.343	2.217	34.596	27.631	36.012	27.620	55.3	20.372	.0	1489.2	23813.7	1.0
1840.0	1821.2	2.304	2.176	34.599	27.637	36.110	27.626	54.7	20.482	.0	1489.4	24216.1	8.3
1860.0	1840.9	2.272	2.143	34.602	27.642	36.207	27.631	54.2	20.591	.0	1489.6	24620.7	6.2
1880.0	1860.6	2.246	2.116	34.605	27.646	36.303	27.635	53.8	20.699	.0	1489.8	25027.3	1.9
1900.0	1880.3	2.237	2.106	34.606	27.647	36.395	27.637	53.7	20.807	.0	1490.1	25436.0	5.7
1920.0	1900.0	2.174	2.042	34.611	27.657	36.498	27.646	52.6	20.913	.0	1490.2	25846.8	6.9
1940.0	1919.7	2.132	1.999	34.615	27.663	36.597	27.653	51.9	21.018	.0	1490.4	26259.6	3.9
1960.0	1939.4	2.130	1.995	34.614	27.663	36.687	27.652	52.1	21.122	.0	1490.7	26674.4	2.5
1980.0	1959.1	2.112	1.975	34.617	27.667	36.782	27.656	51.7	21.225	.0	1490.9	27091.3	.5
2000.0	1978.8	2.099	1.961	34.619	27.669	36.875	27.658	51.5	21.329	.0	1491.2	27510.1	3.1
2050.0	2028.0	2.092	1.949	34.620	27.671	37.102	27.660	51.5	21.587	.0	1492.0	28565.9	-1.2
2100.0	2077.1	2.070	1.924	34.622	27.675	37.331	27.663	51.4	21.845	.0	1492.8	29634.1	2.9
2104.0	2081.1	2.067	1.921	34.621	27.675	37.350	27.663	51.4	21.865	.0	1492.8	29720.1	.0

Station 66 Latitude 32° 16.07'N Longitude 127° 15.05'W 03 May 1991 GMT 16:10 Bottom 1040 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.912	14.912	33.158	24.572	24.572	24.572	335.5	.000	.0	1504.9	.0	.0
10.0	10.0	14.910	14.908	33.156	24.571	24.615	24.571	335.9	.336	.0	1505.0	1.7	.1
20.0	19.9	14.911	14.908	33.155	24.571	24.659	24.570	336.3	.672	.0	1505.2	6.7	2.4
30.0	29.9	14.911	14.906	33.156	24.571	24.704	24.570	336.5	1.008	.0	1505.3	15.1	1.9
40.0	39.8	14.893	14.887	33.154	24.574	24.751	24.573	336.5	1.345	.0	1505.4	26.8	2.2
50.0	49.8	14.494	14.487	33.142	24.650	24.872	24.649	329.5	1.678	.0	1504.3	41.8	25.8
60.0	59.8	14.415	14.407	33.187	24.702	24.968	24.700	324.9	2.004	.0	1504.3	60.2	13.8
70.0	69.7	14.349	14.338	33.188	24.717	25.027	24.715	323.7	2.329	.0	1504.2	81.8	15.9
80.0	79.7	14.546	14.534	33.252	24.725	25.079	24.723	323.3	2.652	.0	1505.1	106.6	24.7
90.0	89.7	14.699	14.686	33.343	24.763	25.161	24.760	320.0	2.974	.0	1505.9	134.6	19.5
100.0	99.6	13.578	13.564	33.177	24.868	25.312	24.866	310.0	3.290	.0	1502.2	165.8	48.2
110.0	109.6	12.638	12.623	33.085	24.984	25.474	24.981	299.2	3.596	.0	1499.0	200.1	203.0
120.0	119.5	11.814	11.799	33.082	25.138	25.675	25.135	284.6	3.886	.0	1496.4	237.3	112.3
130.0	129.5	11.050	11.035	33.108	25.296	25.880	25.294	269.5	4.163	.0	1493.9	277.4	75.0
140.0	139.4	10.911	10.894	33.183	25.380	26.009	25.377	261.8	4.428	.0	1493.6	320.1	41.9
150.0	149.4	10.543	10.526	33.232	25.483	26.157	25.479	252.2	4.685	.0	1492.5	365.5	152.8
160.0	159.3	10.161	10.142	33.244	25.557	26.278	25.554	245.2	4.932	.0	1491.3	413.3	52.0
170.0	169.3	9.721	9.702	33.311	25.683	26.451	25.680	233.3	5.172	.0	1490.0	463.6	143.6
180.0	179.2	9.513	9.493	33.402	25.788	26.602	25.785	223.4	5.401	.0	1489.5	516.2	138.0
190.0	189.2	9.324	9.303	33.456	25.861	26.720	25.858	216.7	5.620	.0	1489.0	571.0	63.6
200.0	199.1	9.099	9.078	33.538	25.961	26.867	25.958	207.3	5.832	.0	1488.4	627.9	39.9
210.0	209.0	8.954	8.932	33.658	26.078	27.029	26.075	196.4	6.034	.0	1488.2	686.9	33.1
220.0	219.0	8.879	8.855	33.726	26.144	27.140	26.140	190.3	6.227	.0	1488.2	747.9	45.1
230.0	228.9	8.890	8.866	33.842	26.233	27.274	26.229	182.1	6.414	.0	1488.5	810.7	25.2
240.0	238.9	8.816	8.790	33.876	26.272	27.358	26.268	178.6	6.594	.0	1488.5	875.3	16.7
250.0	248.8	8.609	8.583	33.940	26.353	27.486	26.349	170.9	6.770	.0	1487.9	941.7	90.5
260.0	258.7	8.466	8.439	33.963	26.394	27.573	26.390	167.2	6.938	.0	1487.6	1009.8	16.4
270.0	268.7	8.341	8.313	33.985	26.430	27.655	26.426	163.9	7.104	.0	1487.3	1079.6	46.2
280.0	278.6	8.153	8.125	33.991	26.463	27.735	26.459	160.8	7.266	.0	1486.8	1150.9	18.7
290.0	288.5	8.012	7.983	33.996	26.488	27.806	26.484	158.5	7.426	.0	1486.4	1223.9	24.5
300.0	298.5	7.809	7.779	33.998	26.519	27.883	26.515	155.7	7.583	.0	1485.8	1298.4	39.4
310.0	308.4	7.668	7.638	33.999	26.541	27.951	26.536	153.7	7.738	.0	1485.4	1374.5	18.9
320.0	318.3	7.562	7.531	33.999	26.556	28.013	26.552	152.3	7.891	.0	1485.1	1452.1	22.4
330.0	328.3	7.428	7.396	34.001	26.577	28.080	26.572	150.4	8.042	.0	1484.8	1531.2	34.1
340.0	338.2	7.307	7.275	34.003	26.595	28.145	26.591	148.8	8.192	.0	1484.5	1611.8	23.5
350.0	348.1	7.132	7.099	34.004	26.621	28.217	26.617	146.4	8.339	.0	1484.0	1693.9	-.2
360.0	358.0	7.067	7.033	34.003	26.629	28.271	26.624	145.7	8.486	.0	1483.9	1777.4	6.5
370.0	368.0	6.970	6.936	34.004	26.643	28.332	26.639	144.4	8.631	.0	1483.6	1862.4	27.0
380.0	377.9	6.832	6.797	34.008	26.665	28.400	26.660	142.5	8.774	.0	1483.3	1948.8	24.9
390.0	387.8	6.651	6.615	34.010	26.691	28.473	26.686	140.0	8.916	.0	1482.7	2036.6	35.7
400.0	397.8	6.516	6.480	34.012	26.711	28.540	26.706	138.1	9.055	.0	1482.4	2125.8	23.1
410.0	407.7	6.368	6.331	34.022	26.738	28.614	26.733	135.6	9.192	.0	1481.9	2216.3	46.5
420.0	417.6	6.226	6.189	34.024	26.758	28.681	26.753	133.7	9.326	.0	1481.5	2308.2	28.9
430.0	427.5	6.143	6.106	34.028	26.772	28.742	26.767	132.5	9.459	.0	1481.4	2401.4	5.2
440.0	437.4	6.010	5.972	34.033	26.792	28.809	26.787	130.6	9.591	.0	1481.0	2495.9	22.4
450.0	447.4	5.870	5.831	34.033	26.809	28.873	26.805	128.9	9.721	.0	1480.6	2591.7	6.6
460.0	457.3	5.805	5.766	34.035	26.819	28.930	26.815	128.0	9.849	.0	1480.5	2688.8	12.4
470.0	467.2	5.717	5.677	34.042	26.836	28.992	26.831	126.5	9.977	.0	1480.3	2787.2	11.9
480.0	477.1	5.632	5.592	34.045	26.848	29.052	26.844	125.3	10.103	.0	1480.2	2886.8	20.6
490.0	487.0	5.559	5.518	34.061	26.870	29.120	26.865	123.3	10.227	.0	1480.0	2987.6	29.4
500.0	497.0	5.421	5.380	34.073	26.896	29.194	26.891	120.8	10.349	.0	1479.7	3089.6	34.9
510.0	506.9	5.318	5.277	34.079	26.913	29.257	26.908	119.3	10.469	.0	1479.4	3192.9	17.4
520.0	516.8	5.238	5.196	34.092	26.933	29.324	26.928	117.4	10.587	.0	1479.3	3297.3	18.5
530.0	526.7	5.143	5.100	34.101	26.951	29.389	26.946	115.7	10.704	.0	1479.1	3402.9	15.6
540.0	536.6	5.095	5.052	34.111	26.964	29.449	26.959	114.5	10.819	.0	1479.0	3509.6	9.4
550.0	546.5	5.053	5.009	34.117	26.975	29.505	26.969	113.6	10.933	.0	1479.0	3617.4	12.4
560.0	556.5	4.976	4.932	34.130	26.993	29.571	26.988	111.8	11.046	.0	1478.9	3726.4	22.6
570.0	566.4	4.945	4.900	34.135	27.001	29.625	26.996	111.2	11.157	.0	1478.9	3836.4	14.1
580.0	576.3	4.881	4.835	34.150	27.020	29.690	27.015	109.4	11.267	.0	1478.9	3947.6	14.1
590.0	586.2	4.810	4.764	34.158	27.034	29.752	27.029	108.1	11.376	.0	1478.7	4059.8	18.2
600.0	596.1	4.789	4.742	34.167	27.044	29.807	27.038	107.3	11.484	.0	1478.8	4173.1	2.1
610.0	606.0	4.746	4.698	34.177	27.057	29.867	27.052	106.1	11.590	.0	1478.8	4287.5	12.6
620.0	615.9	4.718	4.670	34.184	27.066	29.921	27.060	105.3	11.696	.0	1478.9	4402.9	22.6
630.0	625.8	4.644	4.595	34.206	27.092	29.994	27.086	102.9	11.800	.0	1478.8	4519.3	34.6
640.0	635.8	4.618	4.568	34.219	27.104	30.053	27.099	101.8	11.902	.0	1478.8	4636.8	6.8
650.0	645.7	4.615	4.565	34.229	27.113	30.107	27.107	101.1	12.004	.0	1479.0	4755.2	7.4
660.0	655.6	4.598	4.547	34.234	27.119	30.159	27.113	100.6	12.105	.0	1479.1	4874.7	17.1
670.0	665.5	4.561	4.509	34.244	27.131	30.218	27.125	99.5	12.205	.0	1479.1	4995.1	5.0
680.0	675.4	4.524	4.472	34.260	27.148	30.281	27.142	98.0	12.303	.0	1479.2	5116.5	4.5
690.0	685.3	4.536	4.483	34.265	27.151	30.329	27.145	97.8	12.401	.0	1479.4	5238.9	3.0
700.0	695.2	4.501	4.447	34.275	27.162	30.387	27.156	96.8	12.499	.0	1479.4	5362.3	12.4
710.0	705.1	4.436	4.382	34.283	27.176	30.447	27.170	95.5	12.595	.0	1479.3	5486.5	13.3
720.0	715.0	4.394	4.339	34.293	27.189	30.507	27.183	94.3	12.690	.0	1479.3	5611.8	4.8
730.0	724.9	4.399	4.344	34.305	27.197	30.561	27.191	93.6	12.784	.0	1479.5	5737.9	7.1
740.0	734.8	4.395	4.339	34.317	27.207	30.616	27.201	92.8	12.877	.0	1479.7	5865.0	10.1
750.0	744.7	4.387	4.330	34.327	27.217	30.671	27.210	92.0	12.969	.0	1479.8	5993.0	5.4
760.0	754.6	4.349	4.291	34.337	27.228	30.729	27.222	91.0	13.061	.0	1479.9	6121.9	5.1
770.0	764.5	4.315	4.257	34.343	27.237	30.784	27.230	90.2	13.151	.0	1479.9	6251.7	16.2
780.0	774.5	4.299	4.239	34.353	27.246	30.840	27.240	89.4	13.241	.0	1480.0	6382.4	11.0
790.0	784.3	4.267	4.207	34.358	27.254	30.894	27.247	88.7	13.330	.0	1480.0	6513.9	8.9
800.0	794.3	4.237	4.176	34.364	27.262	30.948	27.256	88.0	13.418	.0	1480.1	6646.3	1.0
810.0	804.2	4.212	4.151	34.367	27.267	30.999	27.260	87.6	13.506	.0	1480.1	6779.6	5.1
820.0	814.0	4.200	4.138	34.368	27.269	31.048	27.263	87.4	13.594	.0	1480.3	6913.8	5.1
830.0	824.0	4.181	4.118	34.372	27.274	31.099	27.268	87.0	13.681	.0	1480.4	7048.8	3.4
840.0	833.8	4.154	4.090	34.375	27.280	31.150	27.273	86.5	13.768	.0	1480.4	7184.6	7.5
850.0	843.8	4.107	4.043	34.384	27.292	31.209	27.285	85.4	13.854	.0	1480.4	7321.3	11.0
860.0	853.7	4.085	4.021	34.391	27.300	31.263	27.293	84.7	13.939	.0	1480.5	7458.9	6.0
870.0	863.5	4.078	4.013	34.406	27.312	31.321	27.306	83.6	14.023	.0	1480.6	7597.3	18.3
880.0	873.4	4.031	3.965	34.410	27.321	31.376	27.314	82.8	14.106	.0	1480.6	7736.5	8.6
890.0	883.3	4.016	3.950	34.415	27.326	31.427	27.319	82.4	14.189	.0	1480.7	7876.5	6.0
900.0	893.2	3.990	3.922	34.430	27.340	31.488	27.333	81.1	14.271	.0	1480.8	8017.3	4.3
910.0	903.1	3.983	3.915	34.431	27.343	31.536	27.336	81.0	14.352	.0	1480.9	8158.9	-.1
920.0	913.0	3.984	3.915	34.432	27.343	31.583	27.336	81.0	14.433	.0	1481.1	8301.3	-.4
930.0	922.9	3.985	3.915	34.431	27.343	31.627	27.335	81.2	14.514	.0	1481.3	8444.5	.8
940.0	932.8	3.942	3.872	34.441	27.355	31.686	27.348	80.0	14.595	.0	1481.3	8588.5	11.3
950.0	942.7	3.918	3.847	34.446	27.362	31.739	27.354	79.4	14.674	.0	1481.3	8733.3	.8
960.0	952.6	3.886	3.814	34.453	27.370	31.794	27.363	78.6	14.753	.0	1481.4	8878.9	9.0
970.0	962.5	3.873	3.801	34.455	27.373	31.843	27.366	78.4	14.832	.0	1481.5	9025.2	.5
980.0	972.4	3.857	3.784	34.457	27.376	31.892	27.369	78.2	14.910	.0	1481.6	9172.3	4.9
990.0	982.3	3.846	3.773	34.458	27.379	31.940	27.371	78.0	14.988	.0	1481.7	9320.2	2.0

Station 66 Latitude 32° 16.07'N Longitude 127° 15.05'W 03 May 1991 GMT 16:10 Bottom 1040 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.837	3.763	34.461	27.382	31.989	27.374	77.8	15.066	.0	1481.8	9468.8	5.5
1020.0	1011.9	3.790	3.714	34.467	27.391	32.091	27.384	76.9	15.222	.0	1482.0	9768.4	13.4
1040.0	1031.7	3.723	3.646	34.472	27.402	32.195	27.394	76.0	15.375	.0	1482.0	10070.9	6.7
1044.0	1035.7	3.691	3.614	34.474	27.407	32.219	27.399	75.4	15.405	.0	1482.0	10131.8	.0

Station 67 Latitude 32° 16.81'N Longitude 127° 17.67'W 03 May 1991 GMT 17:28 Bottom 2330 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	15.005	15.005	33.165	24.557	24.557	24.557	336.9	.000	.0	1505.2	.0	.0
10.0	10.0	15.013	15.011	33.151	24.545	24.589	24.545	338.4	.338	.0	1505.3	1.7	27.9
20.0	19.9	14.952	14.949	33.150	24.558	24.646	24.557	337.5	.675	.0	1505.3	6.7	-1.4
30.0	29.9	14.950	14.945	33.150	24.559	24.691	24.558	337.7	1.013	.0	1505.4	15.1	.1
40.0	39.8	14.777	14.771	33.178	24.618	24.794	24.617	332.4	1.350	.0	1505.1	26.9	139.8
50.0	49.8	14.469	14.462	33.184	24.688	24.909	24.687	325.9	1.679	.0	1504.3	42.0	22.0
60.0	59.8	14.445	14.437	33.216	24.718	24.983	24.716	323.4	2.003	.0	1504.4	60.3	26.1
70.0	69.7	14.349	14.339	33.222	24.743	25.053	24.741	321.2	2.325	.0	1504.3	81.9	29.3
80.0	79.7	14.232	14.221	33.232	24.775	25.130	24.773	318.4	2.645	.0	1504.0	106.6	29.9
90.0	89.7	13.980	13.967	33.231	24.828	25.227	24.825	313.7	2.961	.0	1503.4	134.6	9.1
100.0	99.6	12.983	12.970	33.134	24.954	25.399	24.951	301.8	3.271	.0	1500.1	165.6	106.4
110.0	109.6	12.252	12.237	33.142	25.102	25.593	25.099	287.8	3.565	.0	1497.8	199.6	170.7
120.0	119.5	11.959	11.944	33.178	25.185	25.722	25.183	280.1	3.848	.0	1497.0	236.5	148.1
130.0	129.5	10.924	10.908	33.156	25.357	25.941	25.354	263.8	4.119	.0	1493.5	276.2	154.9
140.0	139.4	10.478	10.462	33.185	25.457	26.087	25.454	254.4	4.378	.0	1492.1	318.5	52.9
150.0	149.4	10.531	10.513	33.262	25.508	26.183	25.505	249.8	4.629	.0	1492.5	363.3	9.9
160.0	159.3	10.160	10.141	33.319	25.616	26.337	25.613	239.6	4.873	.0	1491.4	410.5	25.1
170.0	169.3	9.715	9.696	33.364	25.725	26.493	25.722	229.3	5.108	.0	1490.0	460.2	55.2
180.0	179.2	9.291	9.271	33.469	25.877	26.691	25.874	215.0	5.331	.0	1488.7	512.1	116.9
190.0	189.1	9.011	8.991	33.597	26.022	26.882	26.019	201.3	5.539	.0	1488.0	566.2	106.3
200.0	199.1	8.867	8.845	33.648	26.084	26.990	26.081	195.6	5.738	.0	1487.7	622.2	94.0
210.0	209.0	8.854	8.831	33.775	26.186	27.137	26.182	186.1	5.929	.0	1488.0	680.2	99.6
220.0	219.0	8.767	8.744	33.869	26.273	27.269	26.269	178.1	6.111	.0	1487.9	740.0	53.6
230.0	228.9	8.650	8.626	33.927	26.337	27.379	26.333	172.1	6.286	.0	1487.7	801.6	60.0
240.0	238.8	8.517	8.492	33.952	26.377	27.465	26.373	168.4	6.456	.0	1487.4	864.9	33.1
250.0	248.8	8.452	8.426	33.963	26.396	27.530	26.392	166.8	6.623	.0	1487.4	929.9	18.7
260.0	258.7	8.311	8.285	33.979	26.430	27.609	26.426	163.7	6.789	.0	1487.0	996.5	46.8
270.0	268.6	8.175	8.148	33.990	26.459	27.685	26.455	161.1	6.951	.0	1486.7	1064.8	25.4
280.0	278.6	8.056	8.028	33.993	26.479	27.751	26.475	159.2	7.111	.0	1486.4	1134.6	11.9
290.0	288.5	7.954	7.925	33.994	26.496	27.813	26.491	157.8	7.270	.0	1486.2	1206.1	15.1
300.0	298.5	7.791	7.761	33.997	26.521	27.886	26.517	155.4	7.427	.0	1485.7	1279.0	42.0
310.0	308.4	7.564	7.534	34.001	26.557	27.969	26.553	152.1	7.580	.0	1485.0	1353.6	24.1
320.0	318.3	7.388	7.357	34.001	26.583	28.041	26.578	149.7	7.731	.0	1484.5	1429.6	7.1
330.0	328.2	7.304	7.273	34.001	26.594	28.098	26.590	148.7	7.880	.0	1484.3	1507.1	15.9
340.0	338.2	7.203	7.170	34.005	26.611	28.162	26.607	147.2	8.028	.0	1484.1	1586.1	26.7
350.0	348.1	7.051	7.018	34.007	26.634	28.231	26.630	145.0	8.174	.0	1483.6	1666.5	29.9
360.0	358.0	6.860	6.827	34.007	26.661	28.305	26.656	142.6	8.318	.0	1483.1	1748.4	16.4
370.0	368.0	6.720	6.686	34.011	26.682	28.373	26.677	140.6	8.459	.0	1482.7	1831.7	14.6
380.0	377.9	6.534	6.500	34.012	26.708	28.446	26.704	138.1	8.599	.0	1482.1	1916.3	21.6
390.0	387.8	6.420	6.385	34.015	26.725	28.510	26.721	136.5	8.736	.0	1481.8	2002.4	20.7
400.0	397.7	6.271	6.236	34.020	26.748	28.580	26.744	134.4	8.871	.0	1481.4	2089.7	17.2
410.0	407.6	6.107	6.072	34.030	26.777	28.656	26.773	131.6	9.005	.0	1480.9	2178.4	28.0
420.0	417.6	6.052	6.016	34.031	26.785	28.710	26.780	131.0	9.136	.0	1480.9	2268.5	15.4
430.0	427.5	5.923	5.886	34.038	26.807	28.779	26.802	128.9	9.266	.0	1480.5	2359.8	21.2
440.0	437.4	5.846	5.808	34.045	26.822	28.841	26.817	127.5	9.394	.0	1480.4	2452.3	8.3
450.0	447.3	5.823	5.785	34.048	26.827	28.892	26.823	127.1	9.522	.0	1480.4	2546.2	13.3
460.0	457.3	5.712	5.674	34.053	26.845	28.956	26.840	125.5	9.648	.0	1480.2	2641.3	29.1
470.0	467.2	5.602	5.562	34.061	26.865	29.023	26.860	123.6	9.773	.0	1479.9	2737.6	24.4
480.0	477.1	5.508	5.468	34.067	26.881	29.085	26.876	122.2	9.895	.0	1479.7	2835.2	25.0
490.0	487.0	5.369	5.329	34.085	26.912	29.164	26.907	119.2	10.016	.0	1479.3	2933.9	17.9
500.0	496.9	5.318	5.277	34.091	26.923	29.221	26.918	118.2	10.135	.0	1479.3	3033.8	20.3
510.0	506.9	5.264	5.222	34.099	26.935	29.280	26.930	117.1	10.252	.0	1479.2	3134.9	11.5
520.0	516.8	5.237	5.195	34.103	26.942	29.333	26.937	116.6	10.369	.0	1479.3	3237.2	20.3
530.0	526.7	5.174	5.131	34.113	26.957	29.395	26.952	115.2	10.485	.0	1479.2	3340.6	29.6
540.0	536.6	5.109	5.065	34.120	26.970	29.454	26.965	114.0	10.600	.0	1479.1	3445.1	13.2
550.0	546.5	5.058	5.014	34.125	26.980	29.511	26.975	113.1	10.713	.0	1479.1	3550.8	8.0
560.0	556.4	5.003	4.958	34.137	26.996	29.573	26.991	111.6	10.826	.0	1479.0	3657.6	15.3
570.0	566.3	4.895	4.850	34.148	27.017	29.642	27.012	109.6	10.936	.0	1478.8	3765.5	22.3
580.0	576.3	4.808	4.763	34.159	27.036	29.707	27.031	107.8	11.045	.0	1478.6	3874.4	16.4
590.0	586.2	4.761	4.715	34.174	27.052	29.770	27.047	106.3	11.152	.0	1478.6	3984.5	14.7
600.0	596.1	4.742	4.695	34.181	27.060	29.824	27.055	105.6	11.258	.0	1478.7	4095.5	7.7
610.0	606.0	4.679	4.631	34.188	27.073	29.883	27.068	104.5	11.363	.0	1478.6	4207.6	12.0
620.0	615.9	4.655	4.607	34.204	27.088	29.945	27.083	103.1	11.467	.0	1478.7	4320.8	8.8
630.0	625.8	4.645	4.596	34.213	27.097	29.999	27.092	102.4	11.570	.0	1478.8	4434.9	4.1
640.0	635.7	4.636	4.587	34.217	27.101	30.049	27.096	102.1	11.672	.0	1478.9	4550.1	5.9
650.0	645.7	4.613	4.563	34.224	27.110	30.104	27.104	101.4	11.774	.0	1479.0	4666.3	7.1
660.0	655.6	4.589	4.538	34.237	27.122	30.163	27.117	100.2	11.875	.0	1479.1	4783.4	25.8
670.0	665.5	4.564	4.513	34.246	27.132	30.219	27.126	99.4	11.974	.0	1479.2	4901.6	5.3
680.0	675.4	4.526	4.474	34.254	27.143	30.275	27.137	98.5	12.073	.0	1479.2	5020.7	12.7
690.0	685.3	4.511	4.458	34.262	27.151	30.330	27.145	97.7	12.172	.0	1479.3	5140.8	11.2
700.0	695.2	4.485	4.431	34.275	27.164	30.389	27.158	96.6	12.269	.0	1479.4	5261.9	11.2
710.0	705.1	4.470	4.415	34.280	27.170	30.441	27.164	96.1	12.365	.0	1479.5	5383.9	11.8
720.0	715.0	4.439	4.384	34.288	27.180	30.497	27.174	95.3	12.461	.0	1479.5	5506.9	1.0
730.0	724.9	4.411	4.355	34.299	27.191	30.554	27.185	94.2	12.556	.0	1479.6	5630.8	10.9
740.0	734.8	4.387	4.331	34.311	27.203	30.612	27.197	93.2	12.650	.0	1479.7	5755.6	4.5
750.0	744.7	4.374	4.317	34.317	27.210	30.665	27.204	92.6	12.743	.0	1479.8	5881.4	2.4
760.0	754.6	4.380	4.322	34.322	27.213	30.714	27.207	92.4	12.835	.0	1480.0	6008.0	4.8
770.0	764.5	4.385	4.326	34.333	27.221	30.768	27.215	91.8	12.927	.0	1480.2	6135.6	11.6
780.0	774.4	4.335	4.275	34.342	27.234	30.827	27.227	90.6	13.019	.0	1480.1	6264.0	11.0
790.0	784.3	4.308	4.247	34.352	27.244	30.884	27.238	89.7	13.109	.0	1480.2	6393.4	5.7
800.0	794.2	4.265	4.204	34.357	27.253	30.939	27.247	88.9	13.198	.0	1480.2	6523.6	18.0
810.0	804.1	4.232	4.171	34.360	27.260	30.992	27.253	88.3	13.287	.0	1480.2	6654.8	3.4
820.0	814.0	4.210	4.148	34.364	27.265	31.043	27.258	87.9	13.375	.0	1480.3	6786.7	6.0
830.0	823.9	4.176	4.114	34.376	27.278	31.103	27.272	86.6	13.462	.0	1480.3	6919.6	14.8
840.0	833.8	4.126	4.063	34.385	27.291	31.162	27.284	85.4	13.548	.0	1480.3	7053.3	10.4
850.0	843.7	4.157	4.092	34.404	27.302	31.218	27.296	84.5	13.633	.0	1480.6	7187.8	9.2
860.0	853.6	4.129	4.064	34.412	27.312	31.274	27.306	83.7	13.717	.0	1480.7	7323.1	5.7
870.0	863.5	4.140	4.074	34.422	27.319	31.326	27.312	83.2	13.800	.0	1480.9	7459.3	6.9
880.0	873.4	4.120	4.054	34.424	27.323	31.376	27.316	82.8	13.883	.0	1481.0	7596.3	9.0
890.0	883.3	4.080	4.013	34.428	27.330	31.430	27.323	82.2	13.966	.0	1481.0	7734.1	2.8
900.0	893.2	4.050	3.982	34.432	27.337	31.483	27.330	81.6	14.048	.0	1481.0	7872.7	11.9
910.0	903.1	3.992	3.924	34.433	27.343	31.537	27.336	80.9	14.129	.0	1481.0	8012.1	13.4
920.0	913.0	3.963	3.894	34.438	27.350	31.590	27.343	80.3	14.209	.0	1481.0	8152.3	4.6
930.0	922.9	3.943	3.873	34.442	27.355	31.641	27.348	79.9	14.290	.0	1481.1	8293.3	9.3
940.0	932.8	3.905	3.835	34.441	27.358	31.691	27.351	79.6	14.369	.0	1481.1	8435.1	9.0
950.0	942.7	3.893	3.822	34.452	27.369	31.747	27.361	78.7	14.448	.0	1481.2	8577.7	9.6
960.0	952.6	3.870	3.799	34.457	27.375	31.799	27.367	78.2	14.527	.0	1481.3	8721.0	3.4
970.0	962.5	3.847	3.775	34.460	27.380	31.850	27.372	77.7	14.605	.0	1481.4	8865.1	5.5
980.0	972.4	3.830	3.757	34.462	27.383	31.899	27.376	77.5	14.682	.0	1481.5	9009.9	3.7
990.0	982.3	3.807	3.733	34.464	27.388	31.950	27.380	77.1	14.760	.0	1481.5	9155.5	2.6

Station 67 Latitude 32° 16.81'N Longitude 127° 17.67'W 03 May 1991 GMT 17:28 Bottom 2330 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.789	3.715	34.468	27.392	32.001	27.385	76.7	14.837	.0	1481.6	9301.9	13.1
1020.0	1011.9	3.714	3.639	34.477	27.406	32.108	27.399	75.4	14.989	.0	1481.7	9596.9	8.1
1040.0	1031.7	3.665	3.588	34.480	27.414	32.208	27.407	74.7	15.139	.0	1481.8	9894.8	4.0
1060.0	1051.5	3.586	3.508	34.485	27.426	32.313	27.418	73.6	15.287	.0	1481.8	10195.6	10.5
1080.0	1071.3	3.574	3.495	34.490	27.431	32.410	27.423	73.2	15.434	.0	1482.1	10499.4	6.4
1100.0	1091.0	3.496	3.416	34.499	27.446	32.518	27.438	71.8	15.579	.0	1482.1	10806.0	7.9
1120.0	1110.8	3.445	3.364	34.504	27.455	32.620	27.447	70.9	15.722	.0	1482.2	11115.4	8.7
1140.0	1130.6	3.399	3.317	34.507	27.462	32.719	27.454	70.3	15.864	.0	1482.4	11427.6	4.1
1160.0	1150.3	3.374	3.290	34.509	27.466	32.815	27.458	70.0	16.004	.0	1482.6	11742.5	1.7
1180.0	1170.1	3.332	3.247	34.514	27.475	32.916	27.466	69.3	16.144	.0	1482.7	12060.2	2.9
1200.0	1189.8	3.292	3.206	34.517	27.480	33.014	27.472	68.8	16.282	.0	1482.9	12380.6	4.1
1220.0	1209.6	3.264	3.176	34.520	27.486	33.111	27.477	68.4	16.419	.0	1483.1	12703.7	1.8
1240.0	1229.4	3.220	3.132	34.523	27.492	33.210	27.484	67.8	16.555	.0	1483.3	13029.4	4.1
1260.0	1249.1	3.194	3.103	34.525	27.497	33.306	27.488	67.5	16.690	.0	1483.5	13357.8	.0
1280.0	1268.9	3.137	3.046	34.530	27.506	33.408	27.497	66.6	16.825	.0	1483.6	13688.8	3.8
1300.0	1288.6	3.110	3.017	34.533	27.511	33.505	27.502	66.1	16.957	.0	1483.8	14022.5	.0
1320.0	1308.4	3.081	2.987	34.535	27.515	33.601	27.506	65.8	17.089	.0	1484.0	14358.7	2.4
1340.0	1328.1	3.045	2.949	34.538	27.521	33.700	27.513	65.2	17.220	.0	1484.2	14697.4	-.2
1360.0	1347.9	3.038	2.941	34.539	27.523	33.792	27.514	65.2	17.351	.0	1484.5	15038.8	2.4
1380.0	1367.6	3.013	2.915	34.541	27.527	33.888	27.518	64.9	17.481	.0	1484.7	15382.6	3.0
1400.0	1387.4	2.970	2.871	34.545	27.534	33.987	27.525	64.2	17.610	.0	1484.9	15729.0	7.1
1420.0	1407.1	2.927	2.826	34.547	27.539	34.085	27.530	63.7	17.738	.0	1485.0	16077.9	.4
1440.0	1426.8	2.890	2.788	34.549	27.544	34.182	27.535	63.3	17.865	.0	1485.2	16429.3	2.8
1460.0	1446.6	2.866	2.763	34.552	27.549	34.279	27.540	62.9	17.991	.0	1485.4	16783.1	3.4
1480.0	1466.3	2.844	2.740	34.555	27.553	34.374	27.544	62.5	18.116	.0	1485.7	17139.4	-.1
1500.0	1486.0	2.814	2.708	34.557	27.557	34.471	27.548	62.2	18.241	.0	1485.9	17498.1	.5
1520.0	1505.8	2.767	2.661	34.562	27.566	34.572	27.557	61.3	18.365	.0	1486.0	17859.2	6.6
1540.0	1525.5	2.733	2.625	34.564	27.571	34.669	27.561	60.9	18.487	.0	1486.2	18222.7	.2
1560.0	1545.2	2.704	2.595	34.567	27.575	34.765	27.566	60.5	18.608	.0	1486.4	18588.6	6.9
1580.0	1564.9	2.687	2.576	34.567	27.577	34.858	27.568	60.3	18.729	.0	1486.7	18956.8	2.9
1600.0	1584.7	2.638	2.526	34.571	27.585	34.959	27.575	59.5	18.849	.0	1486.8	19327.4	5.5
1620.0	1604.4	2.633	2.520	34.572	27.586	35.050	27.576	59.6	18.968	.0	1487.1	19700.3	.8
1640.0	1624.1	2.624	2.509	34.573	27.588	35.143	27.578	59.5	19.087	.0	1487.4	20075.5	-.3
1660.0	1643.8	2.602	2.486	34.575	27.592	35.238	27.581	59.2	19.206	.0	1487.7	20453.0	6.4
1680.0	1663.5	2.554	2.437	34.580	27.600	35.339	27.590	58.4	19.323	.0	1487.8	20832.8	7.9
1700.0	1683.3	2.519	2.400	34.582	27.604	35.436	27.594	57.9	19.439	.0	1488.0	21214.9	-1.2
1720.0	1703.0	2.499	2.379	34.584	27.607	35.530	27.597	57.6	19.555	.0	1488.2	21599.2	5.9
1740.0	1722.7	2.460	2.339	34.588	27.614	35.629	27.604	57.0	19.669	.0	1488.4	21985.8	.3
1760.0	1742.4	2.443	2.320	34.589	27.616	35.722	27.606	56.8	19.783	.0	1488.7	22374.5	-1.1
1780.0	1762.1	2.425	2.300	34.590	27.619	35.816	27.609	56.5	19.896	.0	1488.9	22765.5	4.2
1800.0	1781.8	2.420	2.294	34.591	27.620	35.908	27.610	56.5	20.009	.0	1489.2	23158.6	-1.4
1820.0	1801.5	2.332	2.206	34.599	27.634	36.016	27.624	55.0	20.121	.0	1489.2	23553.9	.7
1840.0	1821.2	2.345	2.217	34.597	27.632	36.104	27.621	55.3	20.231	.0	1489.6	23951.4	3.6
1860.0	1840.9	2.344	2.214	34.597	27.631	36.193	27.621	55.5	20.342	.0	1489.9	24351.0	-.8
1880.0	1860.6	2.270	2.140	34.605	27.644	36.300	27.633	54.1	20.452	.0	1489.9	24752.7	7.1
1900.0	1880.3	2.238	2.106	34.606	27.648	36.395	27.637	53.7	20.559	.0	1490.1	25156.6	-.5
1920.0	1900.0	2.239	2.106	34.606	27.648	36.485	27.637	53.8	20.667	.0	1490.5	25562.5	-.4
1940.0	1919.7	2.206	2.072	34.612	27.655	36.584	27.644	53.1	20.774	.0	1490.7	25970.5	13.6
1960.0	1939.3	2.185	2.049	34.612	27.657	36.678	27.646	52.9	20.880	.0	1490.9	26380.5	2.8
1980.0	1959.0	2.174	2.037	34.612	27.658	36.769	27.647	52.8	20.985	.0	1491.2	26792.6	-.7
2000.0	1978.7	2.156	2.017	34.614	27.661	36.863	27.650	52.6	21.091	.0	1491.5	27206.7	-.1
2050.0	2027.9	2.110	1.968	34.618	27.668	37.098	27.657	51.9	21.352	.0	1492.1	28250.9	3.2
2096.0	2073.2	2.057	1.911	34.623	27.677	37.316	27.665	51.1	21.588	.0	1492.7	29222.6	.0

Station 68 Latitude 32° 18.24'N Longitude 127° 22.20'W 03 May 1991 GMT 19:17 Bottom 4000 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.072	15.072	33.174	24.550	24.550	24.550	337.6	.000	.0	1505.4	.0	.0
10.0	10.0	15.043	15.041	33.174	24.556	24.600	24.556	337.3	.338	.0	1505.4	1.7	3.6
20.0	19.9	15.028	15.025	33.173	24.559	24.647	24.558	337.4	.675	.0	1505.6	6.7	2.8
30.0	29.9	15.021	15.016	33.175	24.562	24.695	24.561	337.3	1.012	.0	1505.7	15.1	16.5
40.0	39.8	14.939	14.933	33.187	24.590	24.766	24.588	335.0	1.349	.0	1505.6	26.9	66.9
50.0	49.8	14.456	14.449	33.183	24.690	24.912	24.689	325.7	1.678	.0	1504.2	42.0	-.2
60.0	59.8	14.458	14.449	33.185	24.691	24.957	24.689	325.9	2.004	.0	1504.4	60.3	11.5
70.0	69.7	14.390	14.380	33.195	24.714	25.024	24.712	324.0	2.329	.0	1504.4	81.9	15.0
80.0	79.7	14.272	14.260	33.201	24.743	25.097	24.741	321.5	2.652	.0	1504.1	106.7	38.1
90.0	89.7	14.159	14.146	33.205	24.771	25.169	24.768	319.2	2.972	.0	1503.9	134.7	48.1
100.0	99.6	13.804	13.790	33.184	24.828	25.271	24.825	313.9	3.289	.0	1502.9	165.9	41.3
110.0	109.6	12.803	12.789	33.114	24.975	25.465	24.972	300.1	3.598	.0	1499.6	200.2	184.9
120.0	119.5	12.022	12.007	33.075	25.093	25.630	25.090	288.8	3.895	.0	1497.1	237.5	318.5
130.0	129.5	10.723	10.708	33.125	25.367	25.952	25.365	262.7	4.168	.0	1492.7	277.6	183.6
140.0	139.4	10.198	10.182	33.143	25.472	26.103	25.469	252.9	4.425	.0	1491.0	320.4	121.7
150.0	149.4	10.187	10.170	33.335	25.624	26.300	25.621	238.7	4.671	.0	1491.4	365.6	181.5
160.0	159.3	9.609	9.592	33.312	25.702	26.425	25.699	231.3	4.904	.0	1489.4	413.3	32.3
170.0	169.3	9.567	9.548	33.439	25.809	26.577	25.806	221.3	5.131	.0	1489.6	463.2	85.3
180.0	179.2	9.231	9.212	33.482	25.896	26.711	25.893	213.1	5.349	.0	1488.5	515.3	70.3
190.0	189.1	9.071	9.051	33.593	26.009	26.869	26.006	202.6	5.556	.0	1488.2	569.5	119.8
200.0	199.1	8.878	8.856	33.670	26.099	27.005	26.096	194.1	5.754	.0	1487.8	625.7	128.0
210.0	209.0	8.773	8.751	33.752	26.181	27.132	26.177	186.6	5.943	.0	1487.7	683.9	68.5
220.0	219.0	8.754	8.731	33.857	26.266	27.263	26.262	178.7	6.126	.0	1487.9	743.8	98.4
230.0	228.9	8.686	8.662	33.924	26.329	27.371	26.325	172.9	6.302	.0	1487.9	805.6	35.4
240.0	238.8	8.541	8.516	33.949	26.371	27.459	26.367	169.1	6.472	.0	1487.5	869.1	43.0
250.0	248.8	8.405	8.379	33.974	26.411	27.545	26.407	165.3	6.639	.0	1487.2	934.2	25.4
260.0	258.7	8.205	8.179	33.992	26.456	27.636	26.452	161.2	6.803	.0	1486.6	1001.0	35.4
270.0	268.6	8.035	8.008	33.996	26.485	27.711	26.481	158.5	6.962	.0	1486.1	1069.3	16.3
280.0	278.6	7.918	7.890	33.996	26.502	27.774	26.497	157.1	7.120	.0	1485.9	1139.3	41.5
290.0	288.5	7.709	7.680	34.000	26.535	27.855	26.531	153.9	7.275	.0	1485.2	1210.8	18.3
300.0	298.4	7.558	7.529	34.000	26.557	27.923	26.553	151.9	7.428	.0	1484.8	1283.8	26.8
310.0	308.4	7.384	7.354	34.000	26.582	27.995	26.578	149.6	7.579	.0	1484.3	1358.3	17.1
320.0	318.3	7.320	7.290	34.002	26.593	28.051	26.588	148.7	7.728	.0	1484.2	1434.3	3.9
330.0	328.2	7.147	7.116	34.004	26.618	28.123	26.614	146.4	7.876	.0	1483.7	1511.8	38.7
340.0	338.2	6.986	6.955	34.004	26.640	28.192	26.636	144.3	8.021	.0	1483.2	1590.7	22.0
350.0	348.1	6.883	6.851	34.003	26.654	28.252	26.650	143.1	8.165	.0	1483.0	1671.1	23.7
360.0	358.0	6.684	6.651	34.006	26.684	28.329	26.679	140.3	8.307	.0	1482.4	1752.8	35.1
370.0	368.0	6.550	6.516	34.008	26.703	28.395	26.698	138.5	8.446	.0	1482.0	1836.0	23.4
380.0	377.9	6.497	6.464	34.023	26.721	28.460	26.717	136.8	8.584	.0	1482.0	1920.5	15.5
390.0	387.8	6.364	6.330	34.024	26.739	28.524	26.735	135.2	8.720	.0	1481.6	2006.4	33.3
400.0	397.7	6.208	6.173	34.024	26.760	28.592	26.755	133.2	8.854	.0	1481.1	2093.6	20.7
410.0	407.6	6.121	6.085	34.026	26.772	28.651	26.768	132.1	8.987	.0	1481.0	2182.1	9.8
420.0	417.6	6.046	6.010	34.029	26.785	28.710	26.780	131.0	9.118	.0	1480.8	2272.0	14.8
430.0	427.5	5.943	5.906	34.033	26.800	28.772	26.796	129.5	9.249	.0	1480.6	2363.1	13.0
440.0	437.4	5.873	5.835	34.038	26.813	28.831	26.809	128.4	9.377	.0	1480.5	2455.5	11.0
450.0	447.3	5.781	5.743	34.047	26.831	28.896	26.827	126.7	9.505	.0	1480.3	2549.2	27.4
460.0	457.3	5.690	5.652	34.051	26.846	28.958	26.841	125.4	9.631	.0	1480.1	2644.1	3.1
470.0	467.2	5.644	5.605	34.057	26.857	29.014	26.852	124.4	9.756	.0	1480.1	2740.3	19.2
480.0	477.1	5.538	5.498	34.064	26.875	29.080	26.870	122.7	9.880	.0	1479.8	2837.7	17.7
490.0	487.0	5.445	5.405	34.072	26.893	29.144	26.888	121.1	10.002	.0	1479.6	2936.3	15.6
500.0	496.9	5.356	5.315	34.083	26.911	29.209	26.906	119.3	10.122	.0	1479.4	3036.1	7.4
510.0	506.9	5.286	5.245	34.089	26.924	29.269	26.920	118.1	10.240	.0	1479.3	3137.0	11.2
520.0	516.8	5.238	5.196	34.098	26.937	29.328	26.932	117.0	10.358	.0	1479.3	3239.2	8.6
530.0	526.7	5.188	5.146	34.105	26.949	29.387	26.944	115.9	10.474	.0	1479.2	3342.5	9.7
540.0	536.6	5.125	5.081	34.120	26.969	29.453	26.964	114.1	10.590	.0	1479.2	3446.9	24.7
550.0	546.5	5.116	5.072	34.133	26.980	29.510	26.975	113.2	10.703	.0	1479.3	3552.5	9.2
560.0	556.4	5.075	5.030	34.155	27.002	29.578	26.997	111.2	10.816	.0	1479.3	3659.2	16.8
570.0	566.3	5.015	4.970	34.165	27.017	29.639	27.012	109.8	10.926	.0	1479.3	3766.9	26.7
580.0	576.3	4.976	4.930	34.174	27.029	29.698	27.024	108.7	11.035	.0	1479.3	3875.8	4.2
590.0	586.2	4.875	4.828	34.189	27.052	29.768	27.047	106.5	11.143	.0	1479.1	3985.7	15.3
600.0	596.1	4.791	4.744	34.197	27.068	29.831	27.063	105.0	11.248	.0	1478.9	4096.7	7.7
610.0	606.0	4.768	4.720	34.206	27.078	29.887	27.072	104.2	11.353	.0	1479.0	4208.7	13.2
620.0	615.9	4.668	4.619	34.210	27.092	29.948	27.086	102.8	11.457	.0	1478.7	4321.8	10.6
630.0	625.8	4.646	4.597	34.217	27.100	30.002	27.095	102.1	11.559	.0	1478.8	4435.8	5.9
640.0	635.7	4.593	4.543	34.227	27.114	30.063	27.108	100.9	11.661	.0	1478.8	4550.9	8.8
650.0	645.7	4.569	4.519	34.238	27.125	30.121	27.120	99.8	11.761	.0	1478.8	4666.9	3.3
660.0	655.5	4.567	4.516	34.248	27.133	30.174	27.128	99.2	11.861	.0	1479.0	4783.9	4.5
670.0	665.5	4.560	4.508	34.252	27.137	30.223	27.131	98.9	11.960	.0	1479.1	4902.0	13.8
680.0	675.4	4.532	4.480	34.264	27.150	30.283	27.145	97.8	12.058	.0	1479.2	5020.9	10.9
690.0	685.3	4.555	4.501	34.282	27.162	30.340	27.156	96.8	12.155	.0	1479.5	5140.9	9.2
700.0	695.2	4.533	4.479	34.289	27.170	30.394	27.164	96.1	12.252	.0	1479.6	5261.8	12.7
710.0	705.1	4.470	4.415	34.304	27.189	30.460	27.183	94.3	12.347	.0	1479.5	5383.6	3.6
720.0	715.0	4.445	4.390	34.306	27.193	30.510	27.187	94.0	12.441	.0	1479.6	5506.4	4.8
730.0	724.9	4.402	4.346	34.314	27.204	30.567	27.198	93.0	12.534	.0	1479.6	5630.1	4.8
740.0	734.8	4.366	4.310	34.326	27.218	30.628	27.212	91.8	12.627	.0	1479.6	5754.7	8.9
750.0	744.7	4.350	4.292	34.331	27.223	30.679	27.217	91.3	12.718	.0	1479.7	5880.2	17.7
760.0	754.6	4.311	4.253	34.341	27.236	30.738	27.230	90.2	12.809	.0	1479.7	6006.6	3.3
770.0	764.5	4.306	4.248	34.348	27.242	30.790	27.236	89.7	12.899	.0	1479.9	6133.9	7.7
780.0	774.4	4.275	4.215	34.357	27.252	30.847	27.246	88.7	12.988	.0	1479.9	6262.0	17.1
790.0	784.3	4.261	4.201	34.359	27.255	30.895	27.249	88.6	13.077	.0	1480.0	6391.1	11.8
800.0	794.2	4.209	4.149	34.370	27.269	30.956	27.263	87.2	13.165	.0	1480.0	6521.0	11.2
810.0	804.1	4.195	4.134	34.386	27.284	31.017	27.277	85.9	13.251	.0	1480.1	6651.8	8.3
820.0	814.0	4.193	4.131	34.389	27.286	31.065	27.280	85.8	13.337	.0	1480.3	6783.4	4.8
830.0	823.9	4.167	4.104	34.396	27.295	31.120	27.288	85.0	13.422	.0	1480.3	6915.8	6.0
840.0	833.8	4.151	4.088	34.400	27.300	31.170	27.293	84.7	13.507	.0	1480.4	7049.1	2.5
850.0	843.7	4.123	4.059	34.405	27.307	31.224	27.300	84.0	13.592	.0	1480.5	7183.2	11.3
860.0	853.6	4.086	4.022	34.412	27.316	31.279	27.309	83.2	13.675	.0	1480.5	7318.2	3.7
870.0	863.5	4.072	4.006	34.414	27.319	31.329	27.313	83.0	13.758	.0	1480.6	7453.9	3.1
880.0	873.4	4.052	3.986	34.417	27.324	31.379	27.317	82.6	13.841	.0	1480.7	7590.5	3.7
890.0	883.3	4.035	3.968	34.421	27.329	31.430	27.322	82.2	13.924	.0	1480.8	7727.9	1.9
900.0	893.2	4.010	3.943	34.426	27.336	31.483	27.329	81.6	14.005	.0	1480.9	7866.1	9.8
910.0	903.1	4.003	3.935	34.429	27.339	31.532	27.332	81.4	14.087	.0	1481.0	8005.1	1.9
920.0	913.0	3.977	3.908	34.435	27.346	31.585	27.339	80.7	14.168	.0	1481.1	8144.9	9.6
930.0	922.9	3.954	3.885	34.437	27.350	31.635	27.343	80.4	14.249	.0	1481.1	8285.5	8.4
940.0	932.8	3.924	3.854	34.438	27.354	31.686	27.347	80.0	14.329	.0	1481.2	8426.8	8.4
950.0	942.7	3.917	3.846	34.446	27.361	31.739	27.354	79.4	14.409	.0	1481.3	8569.0	3.1
960.0	952.6	3.901	3.830	34.450	27.366	31.790	27.359	79.0	14.488	.0	1481.4	8711.9	7.2
970.0	962.5	3.862	3.790	34.452	27.372	31.842	27.365	78.5	14.566	.0	1481.4	8855.6	4.0
980.0	972.3	3.853	3.780	34.457	27.376	31.892	27.369	78.1	14.645	.0	1481.6	9000.1	8.1
990.0	982.2	3.820	3.747	34.465	27.387	31.949	27.379	77.2	14.723	.0	1481.6	9145.3	11.6

Station 68 Latitude 32° 18.24'N Longitude 127° 22.20'W 03 May 1991 GMT 19:17 Bottom 4000 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.798	3.724	34.467	27.391	31.999	27.383	76.9	14.800	.0	1481.7	9291.3	2.3
1020.0	1011.9	3.743	3.668	34.474	27.402	32.103	27.394	75.9	14.953	.0	1481.8	9585.6	5.8
1040.0	1031.7	3.688	3.612	34.481	27.412	32.206	27.405	74.9	15.104	.0	1481.9	9882.8	8.1
1060.0	1051.5	3.637	3.559	34.482	27.418	32.304	27.411	74.4	15.253	.0	1482.0	10183.0	3.5
1080.0	1071.2	3.580	3.501	34.484	27.426	32.405	27.418	73.7	15.401	.0	1482.1	10486.0	-.9
1100.0	1091.0	3.566	3.485	34.490	27.432	32.502	27.424	73.3	15.548	.0	1482.4	10792.0	2.3
1120.0	1110.8	3.517	3.436	34.496	27.441	32.604	27.434	72.4	15.693	.0	1482.5	11100.8	3.2
1140.0	1130.6	3.435	3.352	34.501	27.454	32.710	27.446	71.2	15.837	.0	1482.5	11412.5	6.1
1160.0	1150.3	3.397	3.313	34.506	27.461	32.810	27.453	70.6	15.979	.0	1482.7	11726.9	5.0
1180.0	1170.1	3.377	3.292	34.505	27.463	32.903	27.455	70.5	16.120	.0	1482.9	12044.1	2.9
1200.0	1189.8	3.333	3.247	34.511	27.472	33.005	27.464	69.7	16.260	.0	1483.1	12364.0	11.1
1220.0	1209.6	3.285	3.197	34.516	27.480	33.105	27.472	68.9	16.399	.0	1483.2	12686.7	6.2
1240.0	1229.4	3.253	3.164	34.519	27.486	33.203	27.478	68.5	16.536	.0	1483.4	13012.1	4.7
1260.0	1249.1	3.210	3.119	34.523	27.493	33.303	27.485	67.8	16.672	.0	1483.6	13340.1	1.5
1280.0	1268.9	3.160	3.068	34.529	27.503	33.405	27.494	66.9	16.807	.0	1483.7	13670.8	5.0
1300.0	1288.6	3.127	3.034	34.531	27.508	33.502	27.499	66.5	16.940	.0	1483.9	14004.1	-.8
1320.0	1308.4	3.095	3.000	34.535	27.514	33.599	27.505	66.0	17.073	.0	1484.1	14339.9	1.2
1340.0	1328.1	3.050	2.955	34.536	27.519	33.697	27.510	65.5	17.204	.0	1484.2	14678.4	2.7
1360.0	1347.9	3.012	2.915	34.538	27.524	33.794	27.515	65.0	17.335	.0	1484.4	15019.4	6.8
1380.0	1367.6	2.984	2.886	34.541	27.529	33.891	27.520	64.6	17.464	.0	1484.6	15362.9	3.6
1400.0	1387.3	2.955	2.856	34.544	27.534	33.989	27.525	64.1	17.593	.0	1484.8	15709.0	.1
1420.0	1407.1	2.905	2.805	34.549	27.542	34.089	27.533	63.3	17.720	.0	1484.9	16057.5	1.9
1440.0	1426.8	2.887	2.786	34.551	27.546	34.184	27.537	63.1	17.847	.0	1485.2	16408.5	2.2
1460.0	1446.6	2.860	2.757	34.553	27.550	34.280	27.541	62.7	17.973	.0	1485.4	16762.0	-.1
1480.0	1466.3	2.833	2.729	34.556	27.555	34.377	27.545	62.3	18.098	.0	1485.6	17117.9	.7
1500.0	1486.0	2.805	2.699	34.559	27.560	34.474	27.551	61.9	18.222	.0	1485.8	17476.3	3.1
1520.0	1505.8	2.785	2.678	34.561	27.563	34.568	27.554	61.6	18.346	.0	1486.1	17837.0	2.5
1540.0	1525.5	2.737	2.628	34.565	27.571	34.668	27.561	60.9	18.468	.0	1486.2	18200.1	2.2
1560.0	1545.2	2.701	2.592	34.568	27.576	34.766	27.567	60.3	18.589	.0	1486.4	18565.7	4.3
1580.0	1564.9	2.677	2.566	34.569	27.580	34.861	27.570	60.1	18.710	.0	1486.6	18933.5	.2
1600.0	1584.7	2.648	2.536	34.573	27.585	34.958	27.576	59.6	18.830	.0	1486.9	19303.7	3.5
1620.0	1604.4	2.623	2.510	34.575	27.589	35.054	27.580	59.2	18.948	.0	1487.1	19676.2	3.8
1640.0	1624.1	2.592	2.477	34.577	27.594	35.150	27.584	58.8	19.066	.0	1487.3	20051.0	1.1
1660.0	1643.8	2.569	2.453	34.580	27.598	35.246	27.588	58.4	19.184	.0	1487.5	20428.1	.0
1680.0	1663.5	2.542	2.424	34.583	27.603	35.342	27.593	58.0	19.300	.0	1487.7	20807.5	4.7
1700.0	1683.3	2.507	2.388	34.585	27.608	35.439	27.597	57.5	19.416	.0	1487.9	21189.1	2.6
1720.0	1703.0	2.478	2.358	34.587	27.612	35.535	27.602	57.1	19.530	.0	1488.1	21572.9	1.5
1740.0	1722.7	2.452	2.331	34.588	27.615	35.630	27.605	56.8	19.645	.0	1488.4	21959.0	1.8
1760.0	1742.4	2.429	2.306	34.591	27.619	35.726	27.609	56.4	19.758	.0	1488.6	22347.2	4.7
1780.0	1762.1	2.395	2.272	34.595	27.625	35.823	27.615	55.9	19.870	.0	1488.8	22737.6	1.8
1800.0	1781.8	2.368	2.242	34.595	27.628	35.918	27.618	55.6	19.982	.0	1489.0	23130.3	.4
1820.0	1801.5	2.347	2.220	34.597	27.631	36.012	27.620	55.4	20.092	.0	1489.3	23525.0	2.4
1840.0	1821.2	2.326	2.199	34.599	27.634	36.107	27.624	55.0	20.203	.0	1489.5	23921.9	3.0
1860.0	1840.9	2.311	2.181	34.600	27.637	36.201	27.626	54.8	20.313	.0	1489.8	24321.0	3.3
1880.0	1860.6	2.286	2.155	34.602	27.640	36.295	27.630	54.5	20.422	.0	1490.0	24722.1	1.6
1900.0	1880.3	2.251	2.119	34.605	27.646	36.393	27.635	53.9	20.530	.0	1490.2	25125.4	.4
1920.0	1900.0	2.242	2.109	34.606	27.648	36.485	27.637	53.8	20.638	.0	1490.5	25530.7	3.7
1940.0	1919.7	2.215	2.080	34.608	27.651	36.581	27.640	53.4	20.745	.0	1490.7	25938.1	.2
1960.0	1939.3	2.206	2.070	34.609	27.653	36.673	27.642	53.3	20.852	.0	1491.0	26347.6	3.7
1980.0	1959.0	2.172	2.034	34.613	27.659	36.771	27.648	52.7	20.958	.0	1491.2	26759.2	2.5
2000.0	1978.7	2.157	2.018	34.614	27.661	36.863	27.650	52.6	21.063	.0	1491.5	27172.8	1.1
2050.0	2027.9	2.090	1.948	34.619	27.671	37.102	27.659	51.6	21.324	.0	1492.0	28215.6	1.4
2096.0	2073.2	2.045	1.899	34.623	27.678	37.318	27.666	50.9	21.560	.0	1492.6	29186.0	.0

Station 69 Latitude 32° 20.51'N Longitude 127° 29.84'W 03 May 1991 GMT 21:13 Bottom 4225 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.315	15.315	33.231	24.540	24.540	24.540	338.5	.000	.0	1506.2	.0	.0
10.0	10.0	15.243	15.241	33.222	24.550	24.594	24.549	338.0	.338	.0	1506.1	1.7	5.1
20.0	19.9	15.226	15.222	33.221	24.553	24.641	24.552	338.0	.676	.0	1506.3	6.7	2.2
30.0	29.9	15.214	15.210	33.220	24.555	24.687	24.554	338.1	1.014	.0	1506.4	15.2	2.8
40.0	39.8	15.155	15.149	33.223	24.570	24.747	24.569	336.9	1.352	.0	1506.4	27.0	48.8
50.0	49.8	14.921	14.914	33.239	24.634	24.855	24.633	331.1	1.686	.0	1505.8	42.1	26.5
60.0	59.8	14.674	14.666	33.249	24.695	24.960	24.693	325.6	2.015	.0	1505.2	60.5	53.1
70.0	69.7	14.487	14.477	33.223	24.715	25.024	24.713	323.9	2.340	.0	1504.7	82.2	13.3
80.0	79.7	14.426	14.415	33.225	24.730	25.084	24.727	322.8	2.663	.0	1504.7	107.1	7.1
90.0	89.7	14.452	14.439	33.244	24.739	25.137	24.736	322.2	2.986	.0	1504.9	135.3	8.3
100.0	99.6	13.990	13.976	33.179	24.785	25.229	24.783	318.0	3.306	.0	1503.5	166.6	62.4
110.0	109.6	13.705	13.689	33.234	24.887	25.375	24.884	308.6	3.620	.0	1502.8	201.1	129.7
120.0	119.5	12.077	12.061	33.065	25.076	25.612	25.073	290.5	3.920	.0	1497.2	238.6	157.8
130.0	129.5	11.120	11.104	33.050	25.239	25.823	25.236	275.0	4.204	.0	1494.0	279.1	159.4
140.0	139.4	10.787	10.771	33.060	25.306	25.935	25.303	268.8	4.477	.0	1493.0	322.3	235.7
150.0	149.4	10.161	10.144	33.108	25.451	26.127	25.448	255.1	4.738	.0	1491.0	368.1	117.0
160.0	159.3	9.836	9.818	33.223	25.595	26.317	25.592	241.5	4.986	.0	1490.1	416.5	119.0
170.0	169.3	9.478	9.459	33.363	25.763	26.532	25.760	225.6	5.220	.0	1489.1	467.3	133.6
180.0	179.2	9.368	9.349	33.442	25.843	26.657	25.840	218.2	5.442	.0	1489.0	520.3	174.9
190.0	189.2	9.101	9.081	33.533	25.957	26.817	25.954	207.5	5.654	.0	1488.3	575.5	104.3
200.0	199.1	8.914	8.893	33.603	26.041	26.947	26.038	199.7	5.857	.0	1487.8	632.7	48.3
210.0	209.0	8.846	8.824	33.681	26.113	27.065	26.110	193.0	6.054	.0	1487.8	691.9	93.7
220.0	219.0	8.709	8.686	33.815	26.240	27.236	26.236	181.2	6.241	.0	1487.7	753.0	134.1
230.0	228.9	8.564	8.540	33.878	26.311	27.354	26.308	174.5	6.418	.0	1487.4	815.9	23.7
240.0	238.9	8.427	8.402	33.940	26.381	27.470	26.377	168.0	6.590	.0	1487.1	880.6	33.0
250.0	248.8	8.338	8.313	33.967	26.416	27.551	26.413	164.8	6.756	.0	1486.9	946.9	46.8
260.0	258.7	8.201	8.174	33.983	26.450	27.630	26.446	161.8	6.920	.0	1486.6	1014.8	3.1
270.0	268.7	8.130	8.103	33.988	26.464	27.690	26.460	160.5	7.081	.0	1486.5	1084.3	3.4
280.0	278.6	8.070	8.042	34.000	26.482	27.754	26.478	159.0	7.241	.0	1486.4	1155.5	33.3
290.0	288.5	7.957	7.928	34.003	26.502	27.820	26.498	157.2	7.400	.0	1486.2	1228.2	5.8
300.0	298.5	7.799	7.770	34.012	26.532	27.896	26.528	154.5	7.556	.0	1485.7	1302.5	47.0
310.0	308.4	7.485	7.455	34.000	26.568	27.980	26.564	151.0	7.708	.0	1484.7	1378.2	16.8
320.0	318.3	7.338	7.307	34.000	26.588	28.047	26.584	149.1	7.858	.0	1484.3	1455.5	15.9
330.0	328.3	7.236	7.205	34.009	26.610	28.115	26.605	147.2	8.006	.0	1484.0	1534.3	5.0
340.0	338.2	7.081	7.049	34.004	26.628	28.179	26.623	145.6	8.152	.0	1483.6	1614.5	30.2
350.0	348.1	6.942	6.910	34.005	26.647	28.245	26.643	143.7	8.297	.0	1483.2	1696.2	.9
360.0	358.0	6.768	6.735	34.004	26.670	28.315	26.666	141.6	8.440	.0	1482.7	1779.2	35.1
370.0	368.0	6.656	6.622	34.002	26.684	28.375	26.679	140.4	8.580	.0	1482.4	1863.7	6.4
380.0	377.9	6.596	6.562	34.014	26.701	28.439	26.697	138.8	8.720	.0	1482.3	1949.6	60.3
390.0	387.8	6.501	6.466	34.022	26.720	28.504	26.716	137.1	8.858	.0	1482.1	2036.8	10.2
400.0	397.7	6.357	6.321	34.024	26.741	28.571	26.736	135.2	8.994	.0	1481.7	2125.4	16.0
410.0	407.7	6.182	6.146	34.030	26.768	28.646	26.764	132.5	9.128	.0	1481.2	2215.4	16.0
420.0	417.6	6.194	6.157	34.038	26.772	28.696	26.768	132.3	9.261	.0	1481.4	2306.6	4.0
430.0	427.5	6.037	6.000	34.033	26.789	28.760	26.784	130.7	9.392	.0	1481.0	2399.2	35.6
440.0	437.4	5.864	5.826	34.037	26.813	28.832	26.809	128.4	9.522	.0	1480.4	2493.0	14.5
450.0	447.4	5.793	5.754	34.041	26.826	28.890	26.821	127.3	9.650	.0	1480.3	2588.1	19.2
460.0	457.3	5.728	5.689	34.058	26.847	28.958	26.842	125.3	9.776	.0	1480.2	2684.5	26.5
470.0	467.2	5.603	5.564	34.064	26.867	29.025	26.862	123.4	9.900	.0	1479.9	2782.1	9.2
480.0	477.1	5.537	5.498	34.081	26.888	29.093	26.883	121.5	10.023	.0	1479.8	2880.9	15.0
490.0	487.0	5.387	5.347	34.079	26.904	29.157	26.900	119.9	10.144	.0	1479.4	2980.9	23.2
500.0	497.0	5.338	5.297	34.088	26.918	29.216	26.913	118.7	10.263	.0	1479.3	3082.1	20.3
510.0	506.9	5.275	5.234	34.097	26.932	29.277	26.927	117.4	10.381	.0	1479.3	3184.5	15.6
520.0	516.8	5.233	5.190	34.111	26.948	29.339	26.943	116.0	10.497	.0	1479.3	3288.0	8.0
530.0	526.7	5.237	5.194	34.125	26.959	29.396	26.954	115.0	10.613	.0	1479.5	3392.7	15.0
540.0	536.6	5.157	5.114	34.141	26.981	29.465	26.976	113.0	10.727	.0	1479.3	3498.5	10.6
550.0	546.5	5.090	5.046	34.154	27.000	29.530	26.994	111.3	10.839	.0	1479.2	3605.4	30.2
560.0	556.5	5.060	5.015	34.158	27.006	29.583	27.001	110.7	10.950	.0	1479.3	3713.4	5.3
570.0	566.4	4.966	4.920	34.170	27.026	29.649	27.021	108.9	11.060	.0	1479.1	3822.5	19.1
580.0	576.3	4.925	4.879	34.181	27.040	29.710	27.035	107.6	11.169	.0	1479.1	3932.7	16.2
590.0	586.2	4.927	4.880	34.186	27.043	29.758	27.038	107.4	11.276	.0	1479.3	4044.0	12.4
600.0	596.1	4.876	4.828	34.194	27.056	29.818	27.051	106.3	11.383	.0	1479.2	4156.3	17.4
610.0	606.0	4.758	4.710	34.195	27.070	29.879	27.064	104.9	11.488	.0	1478.9	4269.6	7.4
620.0	615.9	4.664	4.616	34.193	27.078	29.935	27.073	104.1	11.593	.0	1478.7	4384.0	12.6
630.0	625.8	4.620	4.571	34.209	27.097	30.000	27.091	102.4	11.696	.0	1478.7	4499.4	7.1
640.0	635.8	4.596	4.546	34.216	27.105	30.054	27.099	101.7	11.798	.0	1478.8	4615.8	15.0
650.0	645.7	4.557	4.507	34.230	27.120	30.115	27.114	100.3	11.899	.0	1478.8	4733.2	15.9
660.0	655.6	4.528	4.477	34.241	27.132	30.173	27.126	99.3	11.999	.0	1478.8	4851.6	10.9
670.0	665.5	4.502	4.451	34.255	27.146	30.233	27.140	98.0	12.098	.0	1478.9	4971.0	11.8
680.0	675.4	4.489	4.437	34.268	27.157	30.291	27.152	97.0	12.195	.0	1479.0	5091.4	8.3
690.0	685.3	4.485	4.432	34.278	27.166	30.345	27.160	96.3	12.292	.0	1479.2	5212.7	13.5
700.0	695.2	4.459	4.405	34.292	27.180	30.405	27.174	95.1	12.388	.0	1479.3	5334.9	15.6
710.0	705.1	4.415	4.361	34.299	27.191	30.463	27.185	94.1	12.482	.0	1479.3	5458.1	13.0
720.0	715.0	4.452	4.397	34.311	27.197	30.513	27.191	93.7	12.576	.0	1479.6	5582.2	8.0
730.0	724.9	4.441	4.385	34.324	27.208	30.570	27.202	92.7	12.670	.0	1479.7	5707.2	9.2
740.0	734.8	4.436	4.379	34.332	27.215	30.623	27.209	92.2	12.762	.0	1479.9	5833.2	8.0
750.0	744.7	4.377	4.320	34.336	27.225	30.680	27.219	91.2	12.854	.0	1479.8	5960.0	11.2
760.0	754.6	4.363	4.305	34.347	27.235	30.736	27.229	90.4	12.944	.0	1479.9	6087.8	7.7
770.0	764.5	4.332	4.273	34.351	27.241	30.788	27.235	89.8	13.035	.0	1480.0	6216.4	4.5
780.0	774.4	4.321	4.262	34.364	27.253	30.846	27.246	88.8	13.124	.0	1480.1	6345.9	10.1
790.0	784.3	4.333	4.273	34.367	27.254	30.892	27.247	88.8	13.213	.0	1480.3	6476.3	7.2
800.0	794.2	4.302	4.241	34.374	27.263	30.948	27.257	88.0	13.301	.0	1480.4	6607.6	4.5
810.0	804.1	4.268	4.206	34.380	27.271	31.002	27.265	87.3	13.389	.0	1480.4	6739.7	3.9
820.0	814.0	4.228	4.166	34.385	27.280	31.058	27.273	86.5	13.476	.0	1480.4	6872.7	8.9
830.0	823.9	4.213	4.149	34.392	27.287	31.111	27.281	85.9	13.562	.0	1480.5	7006.5	6.6
840.0	833.8	4.194	4.130	34.397	27.293	31.163	27.287	85.3	13.647	.0	1480.6	7141.2	6.6
850.0	843.7	4.170	4.106	34.401	27.299	31.214	27.292	84.9	13.733	.0	1480.7	7276.7	3.4
860.0	853.6	4.158	4.093	34.405	27.303	31.265	27.296	84.6	13.818	.0	1480.8	7413.0	9.8
870.0	863.5	4.165	4.099	34.417	27.313	31.319	27.306	83.8	13.902	.0	1481.0	7550.2	4.9
880.0	873.4	4.134	4.068	34.421	27.319	31.372	27.312	83.3	13.985	.0	1481.0	7688.2	6.3
890.0	883.3	4.091	4.024	34.423	27.325	31.425	27.318	82.7	14.068	.0	1481.0	7827.0	3.1
900.0	893.2	4.075	4.007	34.424	27.327	31.473	27.320	82.5	14.151	.0	1481.1	7966.7	8.4
910.0	903.1	4.054	3.985	34.426	27.331	31.523	27.324	82.2	14.233	.0	1481.2	8107.1	3.7
920.0	913.0	4.018	3.949	34.431	27.339	31.577	27.331	81.5	14.315	.0	1481.2	8248.3	3.1
930.0	922.9	4.003	3.934	34.435	27.344	31.628	27.336	81.1	14.396	.0	1481.3	8390.4	4.0
940.0	932.8	3.968	3.898	34.439	27.351	31.681	27.343	80.5	14.477	.0	1481.4	8533.2	9.0
950.0	942.7	3.931	3.860	34.447	27.361	31.738	27.354	79.5	14.557	.0	1481.4	8676.8	11.9
960.0	952.6	3.901	3.829	34.453	27.368	31.792	27.361	78.8	14.636	.0	1481.4	8821.2	10.7
970.0	962.5	3.879	3.806	34.456	27.374	31.843	27.366	78.4	14.715	.0	1481.5	8966.4	.5
980.0	972.4	3.853	3.781	34.460	27.379	31.895	27.372	77.9	14.793	.0	1481.6	9112.3	10.5
990.0	982.3	3.838	3.764	34.461	27.382	31.944	27.374	77.7	14.871	.0	1481.7	9259.0	4.0

Station 69 Latitude 32° 20.51'N Longitude 127° 29.84'W 03 May 1991 GMT 21:13 Bottom 4225 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.808	3.734	34.465	27.388	31.996	27.380	77.2	14.948	.0	1481.7	9406.5	2.3
1020.0	1011.9	3.749	3.673	34.472	27.400	32.101	27.392	76.1	15.101	.0	1481.8	9703.7	7.5
1040.0	1031.7	3.721	3.644	34.477	27.406	32.199	27.399	75.5	15.253	.0	1482.0	10003.9	6.7
1060.0	1051.5	3.683	3.605	34.481	27.413	32.298	27.406	75.0	15.403	.0	1482.2	10307.0	2.6
1080.0	1071.3	3.658	3.579	34.484	27.419	32.395	27.411	74.6	15.553	.0	1482.4	10613.1	.8
1100.0	1091.0	3.626	3.545	34.487	27.424	32.493	27.416	74.2	15.702	.0	1482.6	10922.1	9.1
1120.0	1110.8	3.565	3.483	34.493	27.435	32.596	27.427	73.2	15.849	.0	1482.7	11233.9	4.1
1140.0	1130.6	3.539	3.455	34.496	27.440	32.693	27.432	72.8	15.995	.0	1482.9	11548.7	.9
1160.0	1150.3	3.492	3.407	34.500	27.448	32.793	27.440	72.1	16.140	.0	1483.1	11866.3	2.1
1180.0	1170.1	3.455	3.369	34.504	27.455	32.893	27.447	71.5	16.283	.0	1483.2	12186.7	1.2
1200.0	1189.8	3.428	3.341	34.507	27.460	32.989	27.451	71.1	16.426	.0	1483.5	12509.9	1.2
1220.0	1209.6	3.359	3.271	34.514	27.472	33.095	27.463	69.9	16.567	.0	1483.5	12835.8	5.6
1240.0	1229.4	3.312	3.222	34.517	27.479	33.194	27.471	69.3	16.706	.0	1483.6	13164.6	1.5
1260.0	1249.1	3.259	3.168	34.523	27.489	33.296	27.480	68.4	16.844	.0	1483.8	13496.0	2.4
1280.0	1268.9	3.215	3.123	34.526	27.495	33.395	27.487	67.8	16.980	.0	1483.9	13830.0	15.0
1300.0	1288.6	3.173	3.080	34.529	27.502	33.494	27.493	67.1	17.114	.0	1484.1	14166.7	1.2
1320.0	1308.4	3.125	3.031	34.535	27.511	33.596	27.502	66.3	17.248	.0	1484.2	14506.1	1.8
1340.0	1328.1	3.082	2.986	34.536	27.516	33.694	27.508	65.8	17.380	.0	1484.3	14848.0	1.5
1360.0	1347.9	3.045	2.948	34.540	27.523	33.792	27.514	65.3	17.511	.0	1484.5	15192.5	3.6
1380.0	1367.6	3.023	2.925	34.541	27.525	33.886	27.517	65.1	17.642	.0	1484.8	15539.5	-.8
1400.0	1387.4	2.993	2.894	34.544	27.531	33.983	27.521	64.6	17.771	.0	1485.0	15889.1	3.9
1420.0	1407.1	2.951	2.850	34.549	27.539	34.084	27.530	63.8	17.900	.0	1485.1	16241.1	5.1
1440.0	1426.8	2.934	2.832	34.551	27.542	34.179	27.533	63.6	18.027	.0	1485.4	16595.7	.4
1460.0	1446.6	2.890	2.786	34.555	27.549	34.278	27.540	62.9	18.154	.0	1485.5	16952.8	.2
1480.0	1466.3	2.865	2.760	34.556	27.553	34.373	27.543	62.6	18.280	.0	1485.8	17312.2	3.4
1500.0	1486.1	2.825	2.719	34.560	27.559	34.472	27.550	62.0	18.404	.0	1485.9	17674.2	4.6
1520.0	1505.8	2.796	2.689	34.563	27.564	34.569	27.554	61.6	18.528	.0	1486.1	18038.5	4.6
1540.0	1525.5	2.757	2.648	34.564	27.569	34.666	27.559	61.1	18.651	.0	1486.3	18405.3	1.7
1560.0	1545.2	2.719	2.609	34.568	27.575	34.764	27.565	60.5	18.773	.0	1486.5	18774.4	9.3
1580.0	1565.0	2.685	2.574	34.570	27.580	34.861	27.570	60.1	18.893	.0	1486.7	19145.9	4.6
1600.0	1584.7	2.654	2.542	34.572	27.584	34.957	27.574	59.7	19.013	.0	1486.9	19519.7	7.3
1620.0	1604.4	2.615	2.502	34.575	27.590	35.055	27.580	59.1	19.132	.0	1487.0	19895.8	4.3
1640.0	1624.1	2.592	2.477	34.577	27.594	35.151	27.584	58.8	19.250	.0	1487.3	20274.2	.8
1660.0	1643.8	2.554	2.438	34.581	27.600	35.249	27.590	58.2	19.367	.0	1487.5	20654.9	.8
1680.0	1663.6	2.525	2.408	34.583	27.605	35.345	27.595	57.7	19.483	.0	1487.7	21037.9	1.2
1700.0	1683.3	2.504	2.385	34.586	27.608	35.440	27.598	57.4	19.598	.0	1487.9	21423.1	4.4
1720.0	1703.0	2.471	2.351	34.586	27.612	35.535	27.602	57.1	19.712	.0	1488.1	21810.5	2.1
1740.0	1722.7	2.437	2.316	34.588	27.616	35.632	27.606	56.7	19.826	.0	1488.3	22200.1	1.5
1760.0	1742.4	2.405	2.282	34.591	27.621	35.729	27.611	56.2	19.939	.0	1488.5	22592.0	-.3
1780.0	1762.1	2.372	2.248	34.593	27.625	35.825	27.615	55.7	20.051	.0	1488.7	22986.0	5.3
1800.0	1781.8	2.353	2.228	34.595	27.628	35.919	27.618	55.5	20.162	.0	1488.9	23382.1	3.9
1820.0	1801.5	2.333	2.207	34.597	27.632	36.014	27.622	55.2	20.273	.0	1489.2	23780.5	3.6
1840.0	1821.2	2.306	2.178	34.599	27.636	36.110	27.626	54.8	20.383	.0	1489.4	24180.9	3.6
1860.0	1840.9	2.284	2.155	34.600	27.639	36.204	27.628	54.5	20.492	.0	1489.7	24583.5	-.8
1880.0	1860.6	2.268	2.138	34.602	27.642	36.298	27.631	54.3	20.601	.0	1489.9	24988.2	4.5
1900.0	1880.3	2.238	2.107	34.605	27.647	36.394	27.636	53.8	20.709	.0	1490.1	25394.9	2.8
1920.0	1900.0	2.230	2.097	34.605	27.647	36.486	27.636	53.8	20.817	.0	1490.4	25803.8	-.4
1940.0	1919.7	2.211	2.076	34.607	27.651	36.580	27.640	53.5	20.924	.0	1490.7	26214.8	1.3
1960.0	1939.4	2.194	2.058	34.609	27.654	36.674	27.643	53.2	21.031	.0	1490.9	26627.8	3.1
1980.0	1959.1	2.173	2.035	34.610	27.656	36.768	27.646	53.0	21.137	.0	1491.2	27042.8	1.7
2000.0	1978.7	2.150	2.011	34.613	27.661	36.864	27.650	52.6	21.243	.0	1491.4	27460.0	4.3
2050.0	2027.9	2.102	1.960	34.617	27.668	37.099	27.657	51.9	21.504	.0	1492.1	28511.6	.8
2096.0	2073.2	2.058	1.912	34.621	27.675	37.315	27.664	51.2	21.741	.0	1492.7	29490.2	.0

Station 70 Latitude 32° 22.68'N Longitude 127° 37.39'W 03 May 1991 GMT 23:39 Bottom 3150 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.217	15.217	33.091	24.454	24.454	24.454	346.7	.000	.0	1505.7	.0	.0
10.0	10.0	15.083	15.082	33.143	24.523	24.567	24.523	340.5	.344	.0	1505.5	1.7	28.2
20.0	19.9	15.037	15.034	33.141	24.533	24.621	24.532	339.9	.684	.0	1505.6	6.8	3.1
30.0	29.9	15.037	15.032	33.146	24.537	24.669	24.536	339.8	1.024	.0	1505.7	15.4	8.6
40.0	39.9	14.708	14.702	33.185	24.638	24.815	24.637	330.4	1.360	.0	1504.9	27.2	55.4
50.0	49.8	14.609	14.602	33.206	24.675	24.896	24.674	327.2	1.690	.0	1504.7	42.4	99.6
60.0	59.8	14.379	14.370	33.204	24.723	24.988	24.721	322.9	2.015	.0	1504.2	60.9	15.6
70.0	69.7	14.383	14.373	33.241	24.751	25.060	24.748	320.5	2.336	.0	1504.4	82.6	15.3
80.0	79.7	14.374	14.363	33.247	24.758	25.112	24.755	320.1	2.657	.0	1504.5	107.4	2.1
90.0	89.7	14.364	14.351	33.265	24.774	25.172	24.771	318.9	2.976	.0	1504.7	135.5	21.2
100.0	99.6	14.294	14.280	33.271	24.793	25.236	24.790	317.3	3.294	.0	1504.6	166.7	14.7
110.0	109.6	13.492	13.477	33.224	24.922	25.411	24.919	305.2	3.609	.0	1502.1	201.1	261.4
120.0	119.5	12.059	12.043	33.129	25.129	25.665	25.126	285.5	3.902	.0	1497.3	238.5	54.7
130.0	129.5	11.829	11.813	33.145	25.184	25.766	25.181	280.4	4.186	.0	1496.7	278.7	62.6
140.0	139.4	10.672	10.656	33.071	25.334	25.964	25.332	266.0	4.457	.0	1492.6	321.7	25.5
150.0	149.4	10.342	10.325	33.102	25.416	26.092	25.413	258.4	4.721	.0	1491.6	367.4	127.3
160.0	159.3	9.716	9.698	33.244	25.632	26.354	25.629	237.9	4.969	.0	1489.7	415.6	98.5
170.0	169.3	9.547	9.529	33.335	25.730	26.499	25.727	228.8	5.201	.0	1489.4	466.2	40.5
180.0	179.2	9.352	9.332	33.498	25.889	26.703	25.886	213.8	5.423	.0	1489.0	519.1	127.1
190.0	189.2	9.033	9.013	33.608	26.027	26.887	26.023	200.9	5.630	.0	1488.1	574.0	71.2
200.0	199.1	9.009	8.988	33.661	26.072	26.978	26.069	196.8	5.829	.0	1488.3	631.0	47.5
210.0	209.0	8.914	8.892	33.722	26.135	27.086	26.132	191.0	6.024	.0	1488.1	689.9	105.7
220.0	219.0	8.849	8.826	33.781	26.192	27.188	26.188	185.8	6.211	.0	1488.1	750.7	73.2
230.0	228.9	8.748	8.724	33.829	26.245	27.287	26.241	180.9	6.394	.0	1488.0	813.3	49.5
240.0	238.9	8.649	8.624	33.867	26.290	27.378	26.286	176.7	6.572	.0	1487.8	877.7	16.1
250.0	248.8	8.592	8.566	33.882	26.311	27.444	26.307	174.9	6.748	.0	1487.8	943.9	31.0
260.0	258.7	8.526	8.499	33.899	26.335	27.513	26.331	172.8	6.921	.0	1487.7	1011.8	11.7
270.0	268.7	8.404	8.377	33.934	26.380	27.605	26.376	168.6	7.092	.0	1487.5	1081.4	46.8
280.0	278.6	8.332	8.303	33.954	26.408	27.678	26.403	166.2	7.260	.0	1487.4	1152.7	70.5
290.0	288.5	8.160	8.131	33.974	26.449	27.765	26.444	162.4	7.424	.0	1486.9	1225.7	22.8
300.0	298.5	7.992	7.962	33.987	26.484	27.847	26.480	159.1	7.584	.0	1486.5	1300.2	15.1
310.0	308.4	7.846	7.816	33.993	26.511	27.920	26.506	156.7	7.741	.0	1486.1	1376.3	11.9
320.0	318.3	7.668	7.637	34.008	26.548	28.004	26.544	153.2	7.897	.0	1485.6	1454.0	36.2
330.0	328.3	7.523	7.491	34.015	26.574	28.077	26.570	150.8	8.049	.0	1485.2	1533.1	23.8
340.0	338.2	7.404	7.372	34.018	26.594	28.142	26.589	149.0	8.198	.0	1484.9	1613.8	23.5
350.0	348.1	7.309	7.275	34.020	26.609	28.204	26.604	147.6	8.347	.0	1484.7	1695.9	25.6
360.0	358.0	7.153	7.119	34.019	26.630	28.271	26.625	145.7	8.493	.0	1484.2	1779.5	15.3
370.0	368.0	7.007	6.972	34.015	26.647	28.335	26.642	144.1	8.638	.0	1483.8	1864.5	7.4
380.0	377.9	6.851	6.815	34.017	26.670	28.405	26.665	142.0	8.781	.0	1483.4	1951.0	22.9
390.0	387.8	6.691	6.656	34.020	26.694	28.476	26.689	139.8	8.922	.0	1482.9	2038.9	10.8
400.0	397.7	6.554	6.518	34.043	26.730	28.559	26.726	136.3	9.060	.0	1482.5	2128.1	57.1
410.0	407.7	6.266	6.230	34.022	26.750	28.628	26.746	134.3	9.196	.0	1481.5	2218.7	18.1
420.0	417.6	6.125	6.088	34.026	26.772	28.696	26.767	132.3	9.329	.0	1481.1	2310.6	14.8
430.0	427.5	6.006	5.969	34.030	26.790	28.761	26.785	130.6	9.461	.0	1480.8	2403.8	6.3
440.0	437.4	5.885	5.848	34.033	26.807	28.825	26.803	129.0	9.590	.0	1480.5	2498.4	2.5
450.0	447.4	5.767	5.729	34.034	26.823	28.888	26.818	127.5	9.719	.0	1480.2	2594.2	46.4
460.0	457.3	5.700	5.661	34.036	26.833	28.945	26.829	126.6	9.846	.0	1480.1	2691.2	7.4
470.0	467.2	5.615	5.575	34.041	26.847	29.006	26.843	125.3	9.972	.0	1479.9	2789.5	19.1
480.0	477.1	5.564	5.524	34.049	26.860	29.064	26.855	124.2	10.096	.0	1479.9	2889.0	4.5
490.0	487.0	5.619	5.578	34.067	26.868	29.117	26.863	123.6	10.220	.0	1480.3	2989.8	18.0
500.0	497.0	5.395	5.354	34.054	26.884	29.182	26.879	122.0	10.343	.0	1479.5	3091.8	5.4
510.0	506.9	5.376	5.334	34.070	26.899	29.243	26.895	120.6	10.464	.0	1479.6	3195.0	22.1
520.0	516.8	5.292	5.250	34.070	26.909	29.300	26.904	119.7	10.584	.0	1479.5	3299.4	6.5
530.0	526.7	5.239	5.196	34.079	26.923	29.360	26.918	118.5	10.703	.0	1479.4	3404.9	8.3
540.0	536.6	5.200	5.156	34.086	26.933	29.416	26.928	117.6	10.821	.0	1479.4	3511.6	9.2
550.0	546.5	5.174	5.129	34.095	26.943	29.472	26.938	116.7	10.938	.0	1479.5	3619.5	7.4
560.0	556.5	5.139	5.094	34.100	26.951	29.527	26.946	116.0	11.055	.0	1479.5	3728.6	15.0
570.0	566.4	5.071	5.025	34.115	26.971	29.593	26.966	114.2	11.170	.0	1479.4	3838.7	6.5
580.0	576.3	5.003	4.957	34.126	26.987	29.656	26.982	112.7	11.284	.0	1479.3	3950.0	24.7
590.0	586.2	4.938	4.891	34.131	26.999	29.714	26.994	111.6	11.396	.0	1479.2	4062.5	22.9
600.0	596.1	4.892	4.845	34.134	27.006	29.768	27.001	111.0	11.507	.0	1479.2	4176.0	.4
610.0	606.0	4.842	4.794	34.143	27.019	29.827	27.013	109.8	11.618	.0	1479.2	4290.6	32.9
620.0	615.9	4.796	4.747	34.154	27.033	29.888	27.028	108.5	11.727	.0	1479.2	4406.3	10.9
630.0	625.8	4.786	4.737	34.158	27.037	29.938	27.032	108.2	11.835	.0	1479.3	4523.0	7.7
640.0	635.8	4.747	4.697	34.171	27.053	29.999	27.047	106.8	11.943	.0	1479.3	4640.9	9.2
650.0	645.7	4.715	4.664	34.183	27.065	30.058	27.060	105.7	12.049	.0	1479.4	4759.8	6.8
660.0	655.6	4.686	4.634	34.192	27.076	30.115	27.070	104.8	12.154	.0	1479.4	4879.7	19.7
670.0	665.5	4.638	4.586	34.205	27.091	30.177	27.085	103.4	12.258	.0	1479.4	5000.6	17.7
680.0	675.4	4.606	4.553	34.222	27.109	30.241	27.103	101.7	12.360	.0	1479.5	5122.6	13.6
690.0	685.3	4.537	4.484	34.230	27.122	30.301	27.117	100.5	12.461	.0	1479.3	5245.6	7.7
700.0	695.2	4.513	4.459	34.234	27.128	30.353	27.123	100.0	12.562	.0	1479.4	5369.5	17.7
710.0	705.1	4.475	4.420	34.241	27.138	30.409	27.132	99.1	12.661	.0	1479.4	5494.4	1.8
720.0	715.0	4.469	4.414	34.252	27.147	30.464	27.141	98.3	12.760	.0	1479.6	5620.3	13.3
730.0	724.9	4.444	4.388	34.270	27.165	30.528	27.159	96.8	12.857	.0	1479.7	5747.2	4.5
740.0	734.8	4.463	4.406	34.281	27.171	30.580	27.165	96.3	12.954	.0	1479.9	5875.0	9.2
750.0	744.7	4.416	4.359	34.285	27.180	30.635	27.174	95.5	13.050	.0	1479.9	6003.8	6.8
760.0	754.6	4.415	4.356	34.303	27.194	30.694	27.188	94.3	13.144	.0	1480.1	6133.5	18.0
770.0	764.5	4.419	4.360	34.317	27.205	30.751	27.199	93.4	13.238	.0	1480.3	6264.2	5.7
780.0	774.5	4.334	4.275	34.327	27.222	30.815	27.216	91.7	13.331	.0	1480.1	6395.7	11.3
790.0	784.3	4.324	4.264	34.337	27.231	30.870	27.225	90.9	13.422	.0	1480.2	6528.2	4.5
800.0	794.3	4.320	4.259	34.348	27.240	30.925	27.234	90.2	13.513	.0	1480.4	6661.5	2.2
810.0	804.2	4.270	4.208	34.350	27.247	30.979	27.241	89.5	13.603	.0	1480.4	6795.8	14.2
820.0	814.0	4.223	4.161	34.361	27.261	31.039	27.255	88.2	13.692	.0	1480.4	6930.9	4.8
830.0	824.0	4.188	4.126	34.372	27.274	31.098	27.267	87.1	13.779	.0	1480.4	7066.8	1.6
840.0	833.8	4.177	4.113	34.379	27.281	31.151	27.274	86.5	13.866	.0	1480.5	7203.7	6.0
850.0	843.8	4.163	4.098	34.383	27.285	31.201	27.279	86.1	13.952	.0	1480.6	7341.4	6.9
860.0	853.7	4.139	4.074	34.390	27.294	31.256	27.287	85.4	14.038	.0	1480.7	7479.9	1.0
870.0	863.5	4.124	4.058	34.395	27.299	31.307	27.292	85.0	14.123	.0	1480.8	7619.3	9.5
880.0	873.4	4.102	4.035	34.401	27.306	31.360	27.299	84.4	14.208	.0	1480.9	7759.5	11.9
890.0	883.3	4.097	4.030	34.407	27.311	31.411	27.304	84.0	14.292	.0	1481.0	7900.5	5.7
900.0	893.2	4.070	4.003	34.413	27.319	31.465	27.312	83.3	14.376	.0	1481.1	8042.3	5.7
910.0	903.1	4.054	3.985	34.419	27.325	31.517	27.318	82.7	14.459	.0	1481.2	8185.0	7.5
920.0	913.0	4.018	3.949	34.424	27.333	31.572	27.326	82.0	14.541	.0	1481.2	8328.5	4.9
930.0	922.9	3.973	3.904	34.423	27.337	31.623	27.330	81.6	14.623	.0	1481.2	8472.8	1.7
940.0	932.8	3.954	3.884	34.426	27.341	31.673	27.334	81.3	14.704	.0	1481.3	8617.8	9.9
950.0	942.7	3.940	3.869	34.432	27.348	31.725	27.341	80.7	14.785	.0	1481.4	8763.7	13.7
960.0	952.6	3.909	3.838	34.438	27.356	31.779	27.348	80.0	14.866	.0	1481.4	8910.4	3.1
970.0	962.5	3.877	3.805	34.440	27.361	31.831	27.354	79.6	14.946	.0	1481.5	9057.8	3.4
980.0	972.4	3.863	3.790	34.445	27.366	31.882	27.359	79.1	15.025	.0	1481.6	9206.1	.2
990.0	982.3	3.832	3.758	34.450	27.373	31.935	27.366	78.5	15.104	.0	1481.6	9355.1	11.6

Station 70 Latitude 32° 22.68'N Longitude 127° 37.39'W 03 May 1991 GMT 23:39 Bottom 3150 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.820	3.746	34.451	27.376	31.983	27.368	78.3	15.182	.0	1481.7	9504.8	3.7
1020.0	1012.0	3.794	3.718	34.459	27.385	32.084	27.377	77.6	15.338	.0	1482.0	9806.7	2.9
1040.0	1031.7	3.742	3.665	34.465	27.395	32.187	27.387	76.7	15.492	.0	1482.1	10111.6	4.3
1060.0	1051.5	3.695	3.617	34.470	27.404	32.288	27.396	75.9	15.645	.0	1482.2	10419.5	.8
1080.0	1071.3	3.663	3.583	34.474	27.410	32.386	27.402	75.4	15.796	.0	1482.4	10730.3	7.6
1100.0	1091.1	3.634	3.553	34.480	27.418	32.486	27.410	74.8	15.946	.0	1482.6	11044.1	-1.2
1120.0	1110.8	3.614	3.531	34.485	27.424	32.584	27.416	74.3	16.095	.0	1482.9	11360.8	3.8
1140.0	1130.6	3.533	3.450	34.494	27.439	32.692	27.431	72.9	16.242	.0	1482.9	11680.5	7.3
1160.0	1150.3	3.499	3.414	34.499	27.446	32.791	27.438	72.3	16.386	.0	1483.1	12002.9	-.9
1180.0	1170.1	3.461	3.375	34.501	27.452	32.890	27.444	71.7	16.531	.0	1483.3	12328.2	2.7
1200.0	1189.9	3.407	3.320	34.508	27.462	32.992	27.454	70.8	16.673	.0	1483.4	12656.3	-.6
1220.0	1209.6	3.357	3.268	34.511	27.470	33.092	27.461	70.1	16.814	.0	1483.5	12987.2	1.5
1240.0	1229.4	3.287	3.198	34.516	27.480	33.196	27.472	69.1	16.953	.0	1483.5	13320.7	5.3
1260.0	1249.2	3.271	3.180	34.516	27.482	33.289	27.473	69.0	17.091	.0	1483.8	13657.0	3.0
1280.0	1268.9	3.227	3.135	34.520	27.489	33.389	27.481	68.4	17.228	.0	1484.0	13996.0	3.6
1300.0	1288.7	3.184	3.090	34.524	27.497	33.489	27.488	67.7	17.364	.0	1484.1	14337.6	.7
1320.0	1308.4	3.143	3.049	34.528	27.504	33.588	27.495	67.0	17.499	.0	1484.3	14681.9	9.2
1340.0	1328.2	3.112	3.016	34.531	27.509	33.685	27.500	66.6	17.633	.0	1484.5	15028.8	3.0
1360.0	1347.9	3.082	2.985	34.535	27.515	33.783	27.506	66.1	17.765	.0	1484.7	15378.3	9.2
1380.0	1367.6	3.034	2.936	34.538	27.522	33.883	27.513	65.4	17.897	.0	1484.8	15730.4	2.2
1400.0	1387.4	2.997	2.898	34.540	27.527	33.980	27.518	64.9	18.027	.0	1485.0	16085.0	3.3
1420.0	1407.1	2.943	2.842	34.544	27.535	34.081	27.526	64.1	18.156	.0	1485.1	16442.1	-.5
1440.0	1426.9	2.914	2.812	34.546	27.540	34.177	27.531	63.8	18.284	.0	1485.3	16801.7	.4
1460.0	1446.6	2.896	2.792	34.549	27.544	34.273	27.535	63.4	18.411	.0	1485.6	17163.8	-.1
1480.0	1466.3	2.850	2.746	34.553	27.551	34.372	27.542	62.8	18.537	.0	1485.7	17528.4	1.0
1500.0	1486.1	2.827	2.721	34.554	27.554	34.467	27.545	62.5	18.662	.0	1485.9	17895.4	1.9
1520.0	1505.8	2.802	2.695	34.557	27.559	34.563	27.549	62.1	18.787	.0	1486.2	18264.9	2.5
1540.0	1525.5	2.773	2.664	34.559	27.563	34.659	27.553	61.8	18.911	.0	1486.4	18636.7	1.7
1560.0	1545.3	2.745	2.635	34.562	27.568	34.756	27.558	61.3	19.034	.0	1486.6	19011.0	2.3
1580.0	1565.0	2.714	2.602	34.564	27.573	34.853	27.563	60.8	19.156	.0	1486.8	19387.6	.8
1600.0	1584.7	2.687	2.574	34.566	27.577	34.948	27.567	60.5	19.277	.0	1487.0	19766.6	1.4
1620.0	1604.4	2.627	2.513	34.571	27.586	35.050	27.576	59.5	19.397	.0	1487.1	20148.0	1.7
1640.0	1624.1	2.541	2.427	34.579	27.599	35.158	27.590	58.1	19.515	.0	1487.1	20531.7	3.8
1660.0	1643.9	2.510	2.395	34.580	27.603	35.254	27.594	57.7	19.631	.0	1487.3	20917.6	1.1
1680.0	1663.6	2.462	2.346	34.584	27.611	35.354	27.601	56.9	19.746	.0	1487.4	21305.7	4.9
1700.0	1683.3	2.440	2.322	34.587	27.615	35.449	27.605	56.6	19.859	.0	1487.6	21696.1	4.1
1720.0	1703.0	2.416	2.297	34.589	27.618	35.545	27.608	56.2	19.972	.0	1487.9	22088.6	3.5
1740.0	1722.7	2.399	2.278	34.591	27.621	35.639	27.611	56.0	20.084	.0	1488.1	22483.4	2.6
1760.0	1742.4	2.390	2.268	34.592	27.623	35.731	27.613	55.9	20.196	.0	1488.4	22880.3	.9
1780.0	1762.1	2.356	2.233	34.595	27.628	35.829	27.618	55.4	20.307	.0	1488.6	23279.3	.9
1800.0	1781.8	2.343	2.219	34.595	27.629	35.921	27.619	55.3	20.418	.0	1488.9	23680.5	4.4
1820.0	1801.5	2.302	2.176	34.598	27.635	36.019	27.625	54.7	20.528	.0	1489.1	24083.9	3.9
1840.0	1821.2	2.266	2.139	34.601	27.641	36.116	27.630	54.2	20.637	.0	1489.2	24489.4	3.0
1860.0	1840.9	2.247	2.119	34.603	27.644	36.211	27.633	53.9	20.745	.0	1489.5	24896.9	.1
1880.0	1860.6	2.231	2.101	34.604	27.646	36.304	27.636	53.7	20.852	.0	1489.8	25306.6	2.7
1900.0	1880.3	2.215	2.083	34.605	27.649	36.398	27.638	53.5	20.959	.0	1490.0	25718.3	-.2
1920.0	1900.0	2.187	2.055	34.609	27.654	36.494	27.643	53.0	21.066	.0	1490.3	26132.1	5.7
1940.0	1919.7	2.172	2.038	34.610	27.656	36.587	27.645	52.8	21.172	.0	1490.5	26547.9	1.0
1960.0	1939.4	2.159	2.023	34.611	27.658	36.680	27.647	52.6	21.277	.0	1490.8	26965.8	5.7
1980.0	1959.1	2.134	1.997	34.614	27.663	36.776	27.652	52.2	21.382	.0	1491.0	27385.7	.2
2000.0	1978.8	2.121	1.983	34.615	27.665	36.869	27.654	52.0	21.486	.0	1491.3	27807.6	.8
2050.0	2027.9	2.087	1.945	34.619	27.670	37.102	27.659	51.6	21.746	.0	1492.0	28871.2	1.1
2098.0	2075.2	2.050	1.904	34.622	27.676	37.325	27.665	51.1	21.992	.0	1492.7	29903.9	.0

Station 71 Latitude 32° 24.14'N Longitude 127° 41.37'W 03 May 1991 GMT 1:29 Bottom 1650 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	14.948	14.948	33.050	24.481	24.481	24.481	344.2	.000	.0	1504.8	.0	.0
10.0	10.0	14.852	14.850	33.048	24.500	24.545	24.500	342.6	.344	.0	1504.7	1.7	14.4
20.0	19.9	14.816	14.814	33.047	24.508	24.596	24.507	342.2	.686	.0	1504.7	6.8	4.5
30.0	29.9	14.790	14.785	33.079	24.539	24.671	24.538	339.6	1.028	.0	1504.9	15.4	156.2
40.0	39.9	14.566	14.560	33.184	24.667	24.844	24.666	327.6	1.360	.0	1504.4	27.3	88.5
50.0	49.8	14.435	14.428	33.193	24.702	24.923	24.700	324.6	1.686	.0	1504.2	42.5	5.9
60.0	59.8	14.238	14.230	33.149	24.710	24.976	24.708	324.1	2.010	.0	1503.6	60.9	10.0
70.0	69.7	13.684	13.674	33.035	24.736	25.047	24.735	321.8	2.333	.0	1501.8	82.5	-7.1
80.0	79.7	13.868	13.856	33.105	24.753	25.108	24.751	320.5	2.654	.0	1502.7	107.3	9.0
90.0	89.7	13.939	13.927	33.134	24.761	25.160	24.758	320.1	2.975	.0	1503.1	135.4	8.2
100.0	99.6	14.268	14.253	33.262	24.792	25.235	24.789	317.4	3.294	.0	1504.5	166.6	19.1
110.0	109.6	14.260	14.245	33.285	24.812	25.299	24.809	315.9	3.611	.0	1504.7	201.0	49.3
120.0	119.5	13.763	13.746	33.236	24.877	25.410	24.874	309.8	3.925	.0	1503.2	238.5	221.1
130.0	129.5	11.986	11.969	33.111	25.128	25.710	25.125	285.7	4.220	.0	1497.2	279.0	26.3
140.0	139.4	11.125	11.108	33.101	25.278	25.906	25.275	271.5	4.503	.0	1494.3	322.5	255.1
150.0	149.4	10.657	10.639	33.169	25.414	26.089	25.411	258.7	4.766	.0	1492.9	368.6	18.1
160.0	159.3	9.794	9.776	33.215	25.596	26.319	25.593	241.4	5.017	.0	1489.9	417.3	165.0
170.0	169.3	9.630	9.611	33.343	25.723	26.491	25.720	229.5	5.252	.0	1489.7	468.3	99.7
180.0	179.2	9.549	9.529	33.420	25.796	26.610	25.793	222.7	5.478	.0	1489.6	521.7	149.1
190.0	189.2	9.384	9.363	33.502	25.887	26.746	25.884	214.2	5.695	.0	1489.3	577.2	86.2
200.0	199.1	9.235	9.213	33.641	26.020	26.925	26.017	201.8	5.903	.0	1489.1	634.9	76.2
210.0	209.1	9.205	9.182	33.655	26.037	26.986	26.033	200.4	6.104	.0	1489.1	694.6	78.5
220.0	219.0	9.008	8.984	33.746	26.139	27.135	26.135	190.8	6.299	.0	1488.7	756.2	26.4
230.0	228.9	8.831	8.807	33.777	26.191	27.233	26.187	186.0	6.488	.0	1488.2	819.8	50.4
240.0	238.9	8.736	8.711	33.821	26.241	27.328	26.237	181.4	6.672	.0	1488.1	885.2	66.2
250.0	248.8	8.562	8.536	33.886	26.318	27.451	26.314	174.2	6.849	.0	1487.7	952.4	46.5
260.0	258.7	8.400	8.373	33.957	26.399	27.578	26.395	166.7	7.020	.0	1487.3	1021.3	82.0
270.0	268.7	8.184	8.157	33.978	26.448	27.674	26.444	162.1	7.183	.0	1486.7	1091.8	.8
280.0	278.6	8.086	8.058	33.983	26.467	27.739	26.463	160.4	7.345	.0	1486.5	1164.0	34.8
290.0	288.5	7.944	7.915	33.993	26.495	27.813	26.491	157.8	7.504	.0	1486.1	1237.7	31.5
300.0	298.5	7.783	7.754	34.003	26.527	27.892	26.523	154.9	7.660	.0	1485.7	1313.0	25.6
310.0	308.4	7.640	7.609	34.010	26.554	27.965	26.550	152.5	7.814	.0	1485.3	1389.9	21.2
320.0	318.3	7.533	7.502	34.009	26.569	28.025	26.564	151.2	7.966	.0	1485.0	1468.2	14.8
330.0	328.3	7.364	7.332	34.004	26.588	28.092	26.584	149.3	8.116	.0	1484.5	1548.1	18.0
340.0	338.2	7.301	7.268	34.010	26.602	28.151	26.597	148.2	8.265	.0	1484.5	1629.4	4.8
350.0	348.1	7.201	7.168	34.010	26.616	28.212	26.612	146.9	8.412	.0	1484.2	1712.2	5.1
360.0	358.0	7.056	7.022	34.017	26.642	28.284	26.637	144.5	8.558	.0	1483.8	1796.4	13.5
370.0	368.0	6.891	6.857	34.013	26.661	28.350	26.656	142.7	8.702	.0	1483.4	1882.1	35.8
380.0	377.9	6.644	6.610	34.005	26.688	28.425	26.683	140.1	8.843	.0	1482.5	1969.2	22.2
390.0	387.8	6.562	6.527	34.032	26.720	28.504	26.716	137.1	8.982	.0	1482.4	2057.6	30.4
400.0	397.8	6.426	6.391	34.043	26.747	28.576	26.742	134.7	9.118	.0	1482.0	2147.5	12.5
410.0	407.7	6.374	6.338	34.055	26.763	28.639	26.758	133.3	9.252	.0	1482.0	2238.6	11.1
420.0	417.6	6.219	6.182	34.056	26.783	28.707	26.779	131.3	9.384	.0	1481.6	2331.1	3.1
430.0	427.5	6.160	6.123	34.049	26.786	28.755	26.781	131.2	9.515	.0	1481.5	2424.9	3.4
440.0	437.4	6.014	5.976	34.057	26.811	28.827	26.806	128.8	9.645	.0	1481.1	2519.9	20.7
450.0	447.4	5.972	5.934	34.060	26.818	28.881	26.813	128.2	9.774	.0	1481.1	2616.3	18.0
460.0	457.3	5.822	5.783	34.058	26.836	28.946	26.831	126.5	9.901	.0	1480.6	2713.8	3.1
470.0	467.2	5.741	5.702	34.057	26.845	29.001	26.840	125.7	10.027	.0	1480.5	2812.7	20.9
480.0	477.1	5.667	5.627	34.058	26.855	29.058	26.850	124.8	10.152	.0	1480.3	2912.8	14.5
490.0	487.0	5.564	5.524	34.052	26.862	29.112	26.858	124.1	10.276	.0	1480.1	3014.1	-1.6
500.0	497.0	5.538	5.496	34.059	26.872	29.167	26.867	123.3	10.400	.0	1480.1	3116.6	21.2
510.0	506.9	5.502	5.460	34.063	26.878	29.221	26.873	122.7	10.523	.0	1480.1	3220.4	-.5
520.0	516.8	5.434	5.391	34.057	26.882	29.271	26.877	122.4	10.646	.0	1480.0	3325.4	7.4
530.0	526.7	5.418	5.374	34.059	26.885	29.320	26.880	122.2	10.768	.0	1480.1	3431.6	2.5
540.0	536.6	5.361	5.317	34.060	26.893	29.374	26.888	121.5	10.890	.0	1480.1	3539.0	1.3
550.0	546.5	5.302	5.257	34.065	26.904	29.432	26.899	120.5	11.011	.0	1480.0	3647.5	18.0
560.0	556.5	5.248	5.202	34.073	26.917	29.491	26.912	119.3	11.131	.0	1479.9	3757.3	19.2
570.0	566.4	5.169	5.123	34.087	26.937	29.558	26.932	117.5	11.249	.0	1479.8	3868.3	22.1
580.0	576.3	5.103	5.056	34.104	26.958	29.626	26.953	115.5	11.366	.0	1479.7	3980.4	14.2
590.0	586.2	5.086	5.039	34.104	26.961	29.674	26.955	115.4	11.481	.0	1479.8	4093.6	1.3
600.0	596.1	5.077	5.029	34.105	26.963	29.722	26.957	115.3	11.596	.0	1479.9	4208.0	5.1
610.0	606.0	5.063	5.014	34.105	26.964	29.769	26.959	115.3	11.712	.0	1480.0	4323.5	3.0
620.0	616.0	5.026	4.976	34.107	26.971	29.822	26.965	114.7	11.826	.0	1480.1	4440.2	10.1
630.0	625.9	4.928	4.878	34.125	26.995	29.893	26.990	112.4	11.940	.0	1479.8	4558.0	11.8
640.0	635.8	4.878	4.828	34.132	27.007	29.951	27.001	111.3	12.052	.0	1479.8	4676.9	23.5
650.0	645.7	4.802	4.751	34.150	27.030	30.021	27.024	109.2	12.162	.0	1479.7	4796.9	25.6
660.0	655.6	4.754	4.702	34.164	27.046	30.084	27.041	107.6	12.271	.0	1479.7	4917.9	32.9
670.0	665.5	4.719	4.666	34.172	27.057	30.141	27.051	106.7	12.378	.0	1479.7	5040.0	6.0
680.0	675.4	4.671	4.618	34.190	27.076	30.207	27.071	104.9	12.484	.0	1479.7	5163.2	15.9
690.0	685.3	4.638	4.584	34.213	27.098	30.275	27.092	102.9	12.588	.0	1479.7	5287.4	3.3
700.0	695.2	4.605	4.550	34.231	27.117	30.340	27.111	101.3	12.690	.0	1479.8	5412.6	-1.1
710.0	705.1	4.590	4.535	34.240	27.125	30.394	27.119	100.5	12.791	.0	1479.9	5538.9	6.6
720.0	715.0	4.545	4.489	34.248	27.136	30.451	27.130	99.5	12.891	.0	1479.9	5666.1	6.6
730.0	724.9	4.502	4.446	34.261	27.151	30.513	27.145	98.1	12.990	.0	1479.9	5794.2	12.1
740.0	734.8	4.467	4.410	34.277	27.168	30.576	27.162	96.6	13.087	.0	1479.9	5923.4	45.8
750.0	744.8	4.378	4.320	34.301	27.197	30.652	27.190	93.9	13.182	.0	1479.8	6053.5	.4
760.0	754.7	4.383	4.324	34.305	27.199	30.700	27.193	93.7	13.276	.0	1480.0	6184.5	2.5
770.0	764.6	4.341	4.283	34.312	27.210	30.757	27.203	92.8	13.369	.0	1480.0	6316.4	3.9
780.0	774.5	4.315	4.255	34.317	27.217	30.810	27.210	92.2	13.461	.0	1480.0	6449.3	1.0
790.0	784.4	4.226	4.166	34.347	27.249	30.890	27.243	89.0	13.552	.0	1479.9	6583.0	48.4
800.0	794.3	4.193	4.132	34.355	27.260	30.947	27.253	88.1	13.641	.0	1479.9	6717.6	12.4
810.0	804.2	4.166	4.105	34.362	27.267	31.001	27.261	87.4	13.728	.0	1479.9	6853.1	4.5
820.0	814.1	4.137	4.075	34.370	27.278	31.057	27.271	86.5	13.815	.0	1480.0	6989.5	1.0
830.0	824.0	4.133	4.071	34.370	27.278	31.103	27.271	86.6	13.902	.0	1480.2	7126.6	-.5
840.0	833.9	4.128	4.065	34.371	27.279	31.150	27.273	86.5	13.988	.0	1480.3	7264.7	11.0
850.0	843.8	4.095	4.031	34.379	27.289	31.207	27.283	85.6	14.074	.0	1480.3	7403.6	6.6
860.0	853.7	4.080	4.016	34.382	27.293	31.257	27.286	85.3	14.160	.0	1480.4	7543.3	.1
870.0	863.6	4.104	4.039	34.387	27.294	31.303	27.288	85.4	14.245	.0	1480.7	7683.9	.7
880.0	873.5	4.095	4.028	34.390	27.298	31.352	27.291	85.1	14.330	.0	1480.8	7825.3	11.0
890.0	883.3	4.056	3.989	34.401	27.310	31.411	27.304	83.9	14.415	.0	1480.9	7967.5	18.6
900.0	893.3	3.991	3.924	34.408	27.323	31.471	27.316	82.7	14.498	.0	1480.8	8110.6	.2
910.0	903.1	3.966	3.898	34.406	27.324	31.519	27.317	82.6	14.581	.0	1480.8	8254.5	1.6
920.0	913.0	3.915	3.846	34.417	27.338	31.579	27.331	81.3	14.663	.0	1480.8	8399.1	17.4
930.0	922.9	3.899	3.829	34.420	27.343	31.629	27.335	81.0	14.744	.0	1480.9	8544.6	1.9
940.0	932.8	3.867	3.797	34.424	27.349	31.683	27.342	80.3	14.825	.0	1480.9	8690.9	3.1
950.0	942.7	3.865	3.794	34.435	27.358	31.737	27.351	79.6	14.905	.0	1481.1	8838.0	2.8
960.0	952.6	3.855	3.784	34.442	27.365	31.789	27.357	79.1	14.984	.0	1481.2	8985.8	1.4
970.0	962.5	3.815	3.743	34.444	27.370	31.842	27.363	78.5	15.063	.0	1481.2	9134.4	16.9
980.0	972.4	3.754	3.682	34.444	27.376	31.895	27.369	77.9	15.141	.0	1481.1	9283.8	1.9
990.0	982.3	3.723	3.651	34.449	27.383	31.948	27.376	77.3	15.219	.0	1481.2	9433.9	9.3

Station 71 Latitude 32° 24.14'N Longitude 127° 41.37'W 03 May 1991 GMT 1:29 Bottom 1650 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.691	3.618	34.451	27.388	32.000	27.381	76.8	15.296	.0	1481.2	9584.8	4.6
1020.0	1012.0	3.649	3.575	34.458	27.398	32.101	27.390	76.0	15.449	.0	1481.4	9888.9	4.0
1040.0	1031.7	3.588	3.512	34.468	27.412	32.208	27.404	74.7	15.599	.0	1481.4	10195.9	16.9
1060.0	1051.5	3.539	3.463	34.476	27.424	32.312	27.416	73.7	15.747	.0	1481.6	10505.9	.5
1080.0	1071.3	3.516	3.438	34.481	27.430	32.410	27.422	73.2	15.894	.0	1481.8	10818.7	2.0
1100.0	1091.1	3.503	3.423	34.488	27.436	32.508	27.429	72.7	16.040	.0	1482.1	11134.4	9.0
1120.0	1110.8	3.412	3.331	34.497	27.453	32.619	27.445	71.0	16.184	.0	1482.1	11452.9	3.5
1140.0	1130.6	3.385	3.303	34.495	27.454	32.712	27.446	71.0	16.326	.0	1482.3	11774.2	-.9
1160.0	1150.4	3.336	3.252	34.501	27.464	32.814	27.456	70.2	16.467	.0	1482.4	12098.3	8.8
1180.0	1170.1	3.292	3.207	34.505	27.471	32.913	27.463	69.5	16.607	.0	1482.6	12425.1	.9
1200.0	1189.9	3.279	3.193	34.510	27.476	33.011	27.468	69.1	16.745	.0	1482.8	12754.7	-2.1
1220.0	1209.6	3.220	3.133	34.516	27.486	33.113	27.478	68.2	16.883	.0	1482.9	13086.9	5.6
1240.0	1229.4	3.187	3.099	34.519	27.492	33.211	27.483	67.7	17.019	.0	1483.1	13421.8	5.6
1260.0	1249.2	3.120	3.031	34.525	27.503	33.315	27.495	66.6	17.153	.0	1483.2	13759.4	-.9
1280.0	1268.9	3.079	2.989	34.529	27.510	33.414	27.501	66.0	17.285	.0	1483.3	14099.5	1.5
1300.0	1288.7	3.074	2.982	34.529	27.511	33.507	27.502	66.0	17.417	.0	1483.6	14442.2	4.4
1320.0	1308.4	3.044	2.951	34.532	27.516	33.604	27.508	65.6	17.549	.0	1483.8	14787.5	-1.1
1340.0	1328.2	3.022	2.927	34.534	27.520	33.699	27.511	65.3	17.680	.0	1484.1	15135.4	-1.1
1360.0	1347.9	3.014	2.918	34.535	27.521	33.792	27.513	65.2	17.810	.0	1484.4	15485.7	.7
1380.0	1367.7	2.961	2.864	34.540	27.531	33.894	27.522	64.4	17.940	.0	1484.5	15838.7	2.7
1400.0	1387.4	2.925	2.827	34.544	27.537	33.992	27.528	63.8	18.068	.0	1484.7	16194.1	1.0
1420.0	1407.1	2.909	2.809	34.545	27.539	34.086	27.530	63.7	18.196	.0	1484.9	16552.0	1.6
1440.0	1426.9	2.868	2.766	34.550	27.547	34.186	27.538	62.9	18.322	.0	1485.1	16912.4	2.2
1460.0	1446.6	2.850	2.747	34.551	27.549	34.280	27.540	62.8	18.448	.0	1485.4	17275.3	3.7
1480.0	1466.3	2.830	2.726	34.553	27.553	34.375	27.543	62.5	18.573	.0	1485.6	17640.6	3.4
1500.0	1486.1	2.822	2.716	34.554	27.555	34.467	27.545	62.4	18.698	.0	1485.9	18008.3	9.0
1520.0	1505.8	2.771	2.664	34.558	27.562	34.568	27.553	61.7	18.822	.0	1486.0	18378.5	2.2
1540.0	1525.5	2.744	2.636	34.560	27.567	34.664	27.557	61.3	18.945	.0	1486.3	18751.0	2.5
1560.0	1545.3	2.712	2.603	34.563	27.572	34.761	27.562	60.8	19.067	.0	1486.5	19125.9	4.3
1580.0	1565.0	2.696	2.585	34.564	27.574	34.855	27.565	60.6	19.188	.0	1486.7	19503.2	-1.5
1600.0	1584.7	2.670	2.558	34.567	27.579	34.951	27.569	60.3	19.309	.0	1486.9	19882.9	2.3
1620.0	1604.4	2.664	2.550	34.566	27.579	35.042	27.569	60.4	19.430	.0	1487.2	20264.8	.3
1640.0	1624.1	2.649	2.533	34.568	27.581	35.136	27.571	60.2	19.550	.0	1487.5	20649.2	5.2
1660.0	1643.9	2.586	2.469	34.574	27.592	35.239	27.582	59.0	19.670	.0	1487.6	21035.8	8.8
1680.0	1663.6	2.529	2.411	34.578	27.600	35.341	27.590	58.2	19.787	.0	1487.7	21424.8	10.8
1700.0	1683.3	2.506	2.387	34.580	27.604	35.436	27.594	57.9	19.903	.0	1487.9	21816.0	2.3
1720.0	1703.0	2.463	2.344	34.584	27.611	35.535	27.601	57.2	20.018	.0	1488.1	22209.4	2.6
1740.0	1722.7	2.438	2.317	34.586	27.614	35.630	27.604	56.8	20.132	.0	1488.3	22605.1	1.5
1760.0	1742.4	2.423	2.301	34.588	27.617	35.724	27.607	56.6	20.245	.0	1488.6	23002.9	3.0
1780.0	1762.1	2.417	2.293	34.588	27.618	35.815	27.608	56.6	20.359	.0	1488.9	23403.0	-1.1
1800.0	1781.8	2.406	2.281	34.589	27.620	35.908	27.609	56.5	20.472	.0	1489.2	23805.2	2.1
1808.0	1789.7	2.392	2.266	34.591	27.622	35.947	27.612	56.3	20.517	.0	1489.2	23966.8	.0

Station 72 Latitude 32° 26.55'N Longitude 127° 47.99'W 03 May 1991 GMT 3:34 Bottom 530 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.007	15.007	33.039	24.460	24.460	24.460	346.2	.000	.0	1505.0	.0	.0
10.0	10.0	14.841	14.840	33.047	24.502	24.546	24.501	342.5	.345	.0	1504.7	1.7	2.4
20.0	19.9	14.790	14.788	33.044	24.511	24.599	24.510	342.0	.687	.0	1504.6	6.9	8.3
30.0	29.9	14.821	14.817	33.068	24.523	24.656	24.522	341.1	1.029	.0	1504.9	15.4	114.9
40.0	39.9	14.610	14.604	33.214	24.681	24.858	24.680	326.3	1.362	.0	1504.6	27.3	112.8
50.0	49.8	14.461	14.454	33.199	24.701	24.922	24.700	324.7	1.687	.0	1504.3	42.5	32.6
60.0	59.8	14.391	14.382	33.207	24.723	24.988	24.721	322.9	2.011	.0	1504.2	60.9	8.0
70.0	69.7	14.223	14.213	33.190	24.745	25.055	24.743	321.1	2.333	.0	1503.8	82.6	3.8
80.0	79.7	14.284	14.272	33.231	24.765	25.119	24.762	319.5	2.654	.0	1504.2	107.4	15.6
90.0	89.7	14.258	14.245	33.241	24.778	25.176	24.775	318.5	2.973	.0	1504.3	135.4	8.0
100.0	99.6	14.332	14.317	33.278	24.791	25.233	24.788	317.6	3.291	.0	1504.8	166.6	23.5
110.0	109.6	13.337	13.321	33.181	24.920	25.409	24.917	305.3	3.605	.0	1501.5	200.9	233.0
120.0	119.5	11.805	11.790	33.071	25.131	25.668	25.128	285.2	3.901	.0	1496.3	238.3	114.1
130.0	129.5	11.661	11.645	33.089	25.172	25.754	25.169	281.5	4.185	.0	1496.0	278.6	122.6
140.0	139.4	10.667	10.651	33.102	25.360	25.989	25.357	263.6	4.457	.0	1492.6	321.6	168.4
150.0	149.4	10.316	10.299	33.132	25.444	26.119	25.441	255.8	4.716	.0	1491.6	367.2	395.8
160.0	159.3	9.571	9.554	33.236	25.648	26.372	25.646	236.3	4.959	.0	1489.1	415.3	291.4
170.0	169.3	9.349	9.331	33.345	25.770	26.539	25.767	224.9	5.186	.0	1488.6	465.8	27.9
180.0	179.2	9.470	9.450	33.484	25.860	26.673	25.856	216.7	5.407	.0	1489.4	518.5	54.6
190.0	189.2	9.452	9.431	33.596	25.950	26.809	25.947	208.3	5.619	.0	1489.7	573.3	20.3
200.0	199.1	9.443	9.420	33.663	26.004	26.908	26.001	203.4	5.825	.0	1489.9	630.2	141.0
210.0	209.0	9.365	9.342	33.762	26.095	27.044	26.091	195.0	6.022	.0	1489.9	689.1	59.6
220.0	219.0	9.264	9.240	33.833	26.166	27.160	26.162	188.4	6.214	.0	1489.8	749.9	30.3
230.0	228.9	9.039	9.015	33.880	26.239	27.280	26.236	181.5	6.400	.0	1489.1	812.6	126.0
240.0	238.9	8.863	8.838	33.917	26.296	27.383	26.292	176.3	6.578	.0	1488.7	877.1	67.1
250.0	248.8	8.730	8.704	33.953	26.345	27.478	26.341	171.7	6.752	.0	1488.4	943.3	67.7
260.0	258.7	8.594	8.567	33.997	26.400	27.579	26.396	166.7	6.921	.0	1488.1	1011.2	80.5
270.0	268.7	8.354	8.326	33.991	26.433	27.658	26.429	163.6	7.086	.0	1487.4	1080.8	7.3
280.0	278.6	8.070	8.042	33.991	26.476	27.747	26.471	159.6	7.248	.0	1486.4	1152.0	46.8
290.0	288.5	7.886	7.857	33.997	26.507	27.826	26.503	156.6	7.407	.0	1485.9	1224.8	26.5
300.0	298.5	7.769	7.740	34.005	26.531	27.895	26.526	154.6	7.562	.0	1485.6	1299.1	27.1
310.0	308.4	7.634	7.604	34.005	26.550	27.961	26.546	152.8	7.716	.0	1485.3	1375.0	15.7
320.0	318.3	7.492	7.461	34.006	26.572	28.029	26.567	150.8	7.868	.0	1484.9	1452.3	55.8
330.0	328.3	7.411	7.379	34.005	26.582	28.085	26.578	149.9	8.018	.0	1484.7	1531.2	.4
340.0	338.2	7.379	7.347	34.004	26.586	28.135	26.582	149.7	8.168	.0	1484.8	1611.6	15.3
350.0	348.1	7.259	7.225	34.008	26.607	28.202	26.602	147.8	8.317	.0	1484.5	1693.4	39.6
360.0	358.0	7.112	7.078	34.016	26.633	28.275	26.628	145.4	8.463	.0	1484.1	1776.7	3.6
370.0	368.0	7.012	6.978	34.018	26.649	28.337	26.644	144.0	8.608	.0	1483.8	1861.4	12.4
380.0	377.9	6.975	6.940	34.017	26.653	28.387	26.648	143.7	8.752	.0	1483.9	1947.6	4.2
390.0	387.8	6.812	6.776	34.017	26.675	28.456	26.670	141.7	8.895	.0	1483.4	2035.2	19.6
400.0	397.7	6.741	6.704	34.021	26.688	28.514	26.683	140.6	9.036	.0	1483.3	2124.2	12.0
410.0	407.7	6.685	6.648	34.024	26.698	28.571	26.693	139.7	9.176	.0	1483.2	2214.6	2.9
420.0	417.6	6.670	6.631	34.024	26.700	28.619	26.695	139.6	9.316	.0	1483.3	2306.3	-2.0
430.0	427.5	6.581	6.542	34.028	26.715	28.680	26.710	138.3	9.455	.0	1483.1	2399.5	23.7
440.0	437.4	6.545	6.505	34.031	26.722	28.733	26.717	137.7	9.593	.0	1483.1	2494.0	3.8
450.0	447.4	6.314	6.274	34.056	26.772	28.831	26.767	132.9	9.728	.0	1482.4	2589.8	19.6
460.0	457.3	5.973	5.933	34.058	26.817	28.925	26.812	128.4	9.858	.0	1481.2	2687.0	10.4
470.0	467.2	5.725	5.685	34.070	26.857	29.014	26.852	124.5	9.985	.0	1480.4	2785.4	71.0
480.0	477.1	5.388	5.349	34.088	26.912	29.118	26.907	119.1	10.107	.0	1479.2	2885.1	51.9
490.0	487.0	5.300	5.260	34.091	26.925	29.178	26.920	117.9	10.225	.0	1479.0	2985.9	1.8
500.0	497.0	5.264	5.224	34.092	26.930	29.229	26.925	117.5	10.343	.0	1479.0	3087.9	13.2
502.0	498.9	5.261	5.221	34.093	26.931	29.240	26.926	117.4	10.366	.0	1479.1	3108.5	.0

Station 73 Latitude 32° 27.99'N Longitude 127° 51.95'W 03 May 1991 GMT 4:30 Bottom 1075 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	14.979	14.979	33.067	24.488	24.488	24.488	343.6	.000	.0	1505.0	.0	.0
10.0	10.0	14.882	14.880	33.065	24.507	24.552	24.507	342.0	.343	.0	1504.8	1.7	12.4
20.0	19.9	14.851	14.848	33.066	24.515	24.603	24.514	341.6	.685	.0	1504.9	6.8	3.6
30.0	29.9	14.881	14.876	33.088	24.526	24.658	24.525	340.8	1.026	.0	1505.2	15.4	104.1
40.0	39.8	15.046	15.040	33.330	24.677	24.853	24.675	326.8	1.359	.0	1506.1	27.2	58.1
50.0	49.8	14.925	14.917	33.339	24.710	24.931	24.708	323.9	1.684	.0	1505.9	42.4	18.6
60.0	59.8	14.831	14.823	33.334	24.727	24.992	24.725	322.5	2.007	.0	1505.8	60.8	6.9
70.0	69.7	15.045	15.034	33.405	24.736	25.044	24.733	322.0	2.329	.0	1506.7	82.4	17.8
80.0	79.7	14.828	14.817	33.363	24.750	25.104	24.748	320.9	2.651	.0	1506.1	107.2	38.8
90.0	89.7	14.336	14.323	33.259	24.775	25.174	24.772	318.8	2.970	.0	1504.6	135.2	29.4
100.0	99.6	14.305	14.291	33.321	24.830	25.272	24.826	313.9	3.287	.0	1504.7	166.3	45.2
110.0	109.6	12.717	12.702	33.125	24.999	25.489	24.996	297.7	3.594	.0	1499.4	200.6	248.4
120.0	119.5	11.576	11.562	33.087	25.185	25.723	25.182	280.0	3.881	.0	1495.5	237.8	51.4
130.0	129.5	11.195	11.179	33.134	25.291	25.875	25.288	270.1	4.156	.0	1494.4	277.8	211.2
140.0	139.4	10.339	10.322	33.138	25.444	26.075	25.441	255.5	4.418	.0	1491.5	320.5	157.7
150.0	149.4	9.706	9.690	33.211	25.607	26.285	25.605	240.1	4.665	.0	1489.5	365.7	40.2
160.0	159.3	9.316	9.299	33.310	25.748	26.472	25.745	226.8	4.900	.0	1488.3	413.3	118.6
170.0	169.3	9.216	9.198	33.433	25.860	26.629	25.857	216.3	5.122	.0	1488.2	463.1	85.8
180.0	179.2	9.259	9.239	33.532	25.931	26.746	25.928	209.8	5.335	.0	1488.7	515.1	65.1
190.0	189.1	9.310	9.290	33.647	26.013	26.872	26.009	202.3	5.542	.0	1489.2	569.2	194.5
200.0	199.1	9.249	9.227	33.773	26.122	27.026	26.118	192.2	5.738	.0	1489.3	625.2	90.3
210.0	209.0	9.172	9.149	33.858	26.201	27.150	26.197	184.9	5.927	.0	1489.3	683.2	109.3
220.0	219.0	8.983	8.960	33.915	26.275	27.271	26.271	178.0	6.108	.0	1488.8	743.0	24.9
230.0	228.9	8.900	8.875	33.936	26.305	27.346	26.301	175.3	6.284	.0	1488.7	804.6	62.1
240.0	238.8	8.650	8.625	33.971	26.371	27.459	26.367	169.1	6.456	.0	1488.0	867.9	48.9
250.0	248.8	8.513	8.487	33.984	26.403	27.536	26.399	166.2	6.623	.0	1487.6	932.9	33.1
260.0	258.7	8.346	8.320	34.011	26.450	27.629	26.446	161.8	6.786	.0	1487.2	999.5	8.2
270.0	268.6	8.240	8.213	34.024	26.476	27.701	26.472	159.5	6.947	.0	1487.0	1067.7	43.3
280.0	278.6	8.139	8.111	34.031	26.497	27.768	26.492	157.6	7.106	.0	1486.8	1137.5	20.4
290.0	288.5	8.101	8.072	34.035	26.506	27.823	26.501	157.0	7.263	.0	1486.8	1208.8	7.3
300.0	298.4	8.004	7.973	34.043	26.526	27.889	26.522	155.1	7.419	.0	1486.6	1281.8	22.5
310.0	308.4	7.960	7.929	34.048	26.537	27.945	26.532	154.3	7.574	.0	1486.6	1356.2	47.4
320.0	318.3	7.735	7.703	34.051	26.573	28.028	26.568	150.9	7.726	.0	1485.9	1432.2	12.5
330.0	328.2	7.435	7.403	34.024	26.594	28.097	26.590	148.8	7.876	.0	1484.8	1509.7	3.3
340.0	338.2	7.329	7.297	34.016	26.603	28.152	26.598	148.1	8.024	.0	1484.6	1588.6	12.4
350.0	348.1	7.135	7.102	34.013	26.627	28.224	26.623	145.8	8.172	.0	1484.0	1669.0	25.5
360.0	358.0	7.036	7.003	34.013	26.641	28.283	26.636	144.6	8.317	.0	1483.8	1750.8	2.4
370.0	367.9	6.845	6.810	34.005	26.660	28.350	26.656	142.7	8.461	.0	1483.2	1834.1	38.4
380.0	377.9	6.660	6.625	34.006	26.686	28.423	26.681	140.3	8.602	.0	1482.6	1918.8	24.6
390.0	387.8	6.530	6.495	34.009	26.706	28.490	26.702	138.4	8.741	.0	1482.2	2004.9	28.9
400.0	397.7	6.425	6.390	34.035	26.740	28.571	26.736	135.3	8.878	.0	1482.0	2092.3	20.2
410.0	407.6	6.380	6.344	34.037	26.748	28.625	26.744	134.6	9.013	.0	1482.0	2181.1	9.0
420.0	417.6	6.276	6.239	34.046	26.768	28.691	26.764	132.8	9.147	.0	1481.8	2271.2	33.9
430.0	427.5	6.120	6.083	34.054	26.795	28.765	26.790	130.3	9.278	.0	1481.3	2362.6	7.8
440.0	437.4	6.094	6.056	34.054	26.798	28.814	26.793	130.1	9.408	.0	1481.4	2455.3	-1.3
450.0	447.3	6.070	6.031	34.057	26.803	28.865	26.799	129.7	9.538	.0	1481.4	2549.3	6.6
460.0	457.3	6.046	6.006	34.056	26.806	28.914	26.801	129.5	9.668	.0	1481.5	2644.6	3.7
470.0	467.2	5.898	5.858	34.059	26.827	28.982	26.822	127.5	9.797	.0	1481.1	2741.2	22.1
480.0	477.1	5.738	5.698	34.071	26.856	29.058	26.851	124.7	9.923	.0	1480.6	2839.0	65.5
490.0	487.0	5.577	5.536	34.071	26.876	29.126	26.871	122.8	10.046	.0	1480.1	2938.0	4.2
500.0	496.9	5.535	5.493	34.080	26.888	29.184	26.883	121.7	10.168	.0	1480.1	3038.3	8.6
510.0	506.9	5.436	5.394	34.082	26.902	29.244	26.897	120.5	10.290	.0	1479.9	3139.7	6.3
520.0	516.8	5.420	5.377	34.082	26.904	29.292	26.898	120.4	10.410	.0	1480.0	3242.4	3.3
530.0	526.7	5.335	5.292	34.084	26.915	29.351	26.910	119.3	10.530	.0	1479.8	3346.2	11.8
540.0	536.6	5.272	5.228	34.096	26.932	29.414	26.927	117.7	10.648	.0	1479.7	3451.2	-2.8
550.0	546.5	5.186	5.142	34.112	26.955	29.484	26.950	115.6	10.766	.0	1479.6	3557.4	16.8
560.0	556.4	5.152	5.107	34.127	26.971	29.546	26.966	114.2	10.880	.0	1479.6	3664.7	10.9
570.0	566.3	5.137	5.091	34.150	26.991	29.611	26.985	112.4	10.994	.0	1479.7	3773.1	27.9
580.0	576.3	5.019	4.973	34.145	27.001	29.669	26.996	111.4	11.106	.0	1479.4	3882.7	28.8
590.0	586.2	4.921	4.874	34.151	27.017	29.732	27.011	109.9	11.216	.0	1479.2	3993.3	15.0
600.0	596.1	4.809	4.762	34.165	27.040	29.803	27.035	107.6	11.325	.0	1478.9	4105.1	12.1
610.0	606.0	4.770	4.722	34.177	27.054	29.863	27.049	106.4	11.432	.0	1478.9	4217.8	11.5
620.0	615.9	4.757	4.708	34.182	27.059	29.914	27.054	106.0	11.538	.0	1479.0	4331.7	-.2
630.0	625.8	4.748	4.699	34.187	27.065	29.966	27.059	105.6	11.644	.0	1479.2	4446.6	6.8
640.0	635.7	4.710	4.660	34.203	27.082	30.029	27.076	104.0	11.749	.0	1479.2	4562.5	17.4
650.0	645.7	4.630	4.579	34.223	27.107	30.101	27.101	101.7	11.852	.0	1479.1	4679.4	15.0
660.0	655.5	4.597	4.546	34.231	27.116	30.157	27.111	100.8	11.953	.0	1479.1	4797.3	8.3
670.0	665.5	4.585	4.533	34.237	27.123	30.209	27.117	100.3	12.053	.0	1479.2	4916.3	6.5
680.0	675.4	4.530	4.478	34.256	27.144	30.277	27.138	98.3	12.153	.0	1479.2	5036.2	30.8
690.0	685.3	4.513	4.460	34.262	27.151	30.330	27.145	97.8	12.251	.0	1479.3	5157.1	5.3
700.0	695.2	4.504	4.450	34.266	27.155	30.380	27.149	97.5	12.349	.0	1479.4	5278.9	7.4
710.0	705.1	4.499	4.444	34.267	27.156	30.427	27.151	97.4	12.446	.0	1479.6	5401.8	5.4
720.0	715.0	4.463	4.408	34.276	27.167	30.484	27.161	96.5	12.543	.0	1479.6	5525.5	11.8
730.0	724.9	4.435	4.379	34.285	27.177	30.540	27.171	95.6	12.639	.0	1479.7	5650.3	6.2
740.0	734.8	4.429	4.373	34.287	27.180	30.589	27.174	95.4	12.735	.0	1479.8	5775.9	1.0
750.0	744.7	4.431	4.373	34.288	27.180	30.635	27.174	95.5	12.830	.0	1480.0	5902.5	1.0
760.0	754.6	4.431	4.372	34.288	27.181	30.681	27.174	95.6	12.926	.0	1480.1	6030.1	2.5
770.0	764.5	4.398	4.339	34.299	27.193	30.739	27.187	94.5	13.021	.0	1480.2	6158.5	12.1
780.0	774.4	4.353	4.294	34.314	27.210	30.802	27.203	92.9	13.115	.0	1480.2	6287.9	11.3
790.0	784.3	4.305	4.245	34.326	27.225	30.864	27.218	91.5	13.207	.0	1480.2	6418.3	8.3
800.0	794.2	4.293	4.232	34.330	27.229	30.914	27.222	91.2	13.298	.0	1480.3	6549.5	6.3
810.0	804.1	4.281	4.219	34.335	27.234	30.965	27.228	90.8	13.389	.0	1480.4	6681.6	14.2
820.0	814.0	4.229	4.166	34.347	27.250	31.028	27.243	89.3	13.479	.0	1480.4	6814.6	3.9
830.0	823.9	4.200	4.137	34.353	27.257	31.081	27.250	88.7	13.568	.0	1480.4	6948.5	6.6
840.0	833.8	4.153	4.089	34.365	27.272	31.143	27.265	87.2	13.656	.0	1480.4	7083.2	11.6
850.0	843.7	4.123	4.060	34.371	27.279	31.196	27.273	86.6	13.743	.0	1480.4	7218.8	20.4
860.0	853.6	4.097	4.033	34.379	27.289	31.252	27.282	85.8	13.829	.0	1480.5	7355.3	23.9
870.0	863.5	4.056	3.990	34.387	27.299	31.309	27.293	84.8	13.914	.0	1480.5	7492.6	-1.6
880.0	873.4	4.056	3.990	34.386	27.299	31.354	27.292	84.9	13.999	.0	1480.7	7630.7	1.0
890.0	883.3	4.046	3.979	34.389	27.302	31.404	27.295	84.7	14.084	.0	1480.8	7769.7	5.1
900.0	893.2	4.037	3.969	34.391	27.305	31.452	27.298	84.5	14.169	.0	1480.9	7909.5	.5
910.0	903.1	4.002	3.934	34.397	27.313	31.507	27.306	83.7	14.253	.0	1481.0	8050.1	.5
920.0	913.0	3.991	3.922	34.399	27.316	31.555	27.309	83.6	14.336	.0	1481.1	8191.5	6.0
930.0	922.9	3.921	3.852	34.409	27.331	31.617	27.324	82.1	14.419	.0	1481.0	8333.8	9.8
940.0	932.8	3.881	3.811	34.417	27.342	31.675	27.334	81.1	14.501	.0	1481.0	8476.9	11.6
950.0	942.7	3.873	3.803	34.420	27.345	31.724	27.338	80.8	14.582	.0	1481.1	8620.7	2.2
960.0	952.6	3.868	3.796	34.422	27.347	31.772	27.340	80.7	14.663	.0	1481.2	8765.4	9.3
970.0	962.5	3.826	3.754	34.433	27.360	31.831	27.353	79.5	14.743	.0	1481.3	8910.8	13.4
980.0	972.4	3.787	3.715	34.443	27.372	31.890	27.365	78.4	14.822	.0	1481.3	9057.1	4.9
990.0	982.3	3.756	3.683	34.444	27.376	31.941	27.369	78.0	14.900	.0	1481.3	9204.0	2.5

Station 73 Latitude 32° 27.99'N Longitude 127° 51.95'W 03 May 1991 GMT 4:30 Bottom 1075 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.747	3.673	34.445	27.378	31.988	27.371	77.9	14.978	.0	1481.4	9351.8	4.0
1020.0	1011.9	3.685	3.610	34.457	27.394	32.097	27.386	76.4	15.132	.0	1481.5	9649.6	9.3
1040.0	1031.7	3.652	3.576	34.464	27.403	32.197	27.395	75.7	15.283	.0	1481.7	9950.4	.2
1060.0	1051.5	3.620	3.542	34.471	27.412	32.298	27.404	75.0	15.434	.0	1481.9	10254.1	14.6
1070.0	1061.4	3.569	3.491	34.479	27.423	32.357	27.415	73.9	15.509	.0	1481.9	10407.0	.0

Station 74 Latitude 32° 29.48'N Longitude 127° 54.81'W 04 May 1991 GMT 8:34 Bottom 2835 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.310	15.310	33.047	24.399	24.399	24.399	352.0	.000	.0	1506.0	.0	.0
10.0	10.0	14.871	14.870	33.061	24.506	24.550	24.506	342.1	.346	.0	1504.8	1.7	13.8
20.0	19.9	14.828	14.825	33.057	24.513	24.601	24.512	341.8	.687	.0	1504.8	6.9	3.6
30.0	29.9	14.826	14.822	33.060	24.516	24.649	24.515	341.7	1.029	.0	1504.9	15.4	3.0
40.0	39.9	14.486	14.481	33.176	24.678	24.855	24.676	326.6	1.365	.0	1504.2	27.4	63.0
50.0	49.8	14.382	14.374	33.180	24.704	24.925	24.702	324.4	1.691	.0	1504.0	42.6	35.8
60.0	59.8	14.409	14.401	33.215	24.725	24.990	24.723	322.7	2.015	.0	1504.3	61.1	15.9
70.0	69.7	14.357	14.347	33.217	24.738	25.048	24.736	321.7	2.337	.0	1504.3	82.7	22.6
80.0	79.7	14.325	14.314	33.232	24.757	25.111	24.754	320.3	2.658	.0	1504.4	107.6	36.4
90.0	89.7	14.329	14.316	33.269	24.784	25.183	24.782	317.9	2.977	.0	1504.6	135.7	34.3
100.0	99.6	14.108	14.094	33.276	24.836	25.279	24.833	313.2	3.293	.0	1504.0	166.9	79.1
110.0	109.6	13.201	13.186	33.170	24.940	25.429	24.937	303.5	3.602	.0	1501.0	201.2	99.4
120.0	119.5	11.957	11.942	33.118	25.139	25.675	25.136	284.5	3.897	.0	1496.9	238.6	22.2
130.0	129.5	11.419	11.403	33.209	25.309	25.892	25.306	268.4	4.175	.0	1495.3	278.8	179.6
140.0	139.4	10.346	10.329	33.196	25.488	26.118	25.485	251.4	4.435	.0	1491.6	321.6	230.7
150.0	149.4	9.709	9.692	33.217	25.612	26.289	25.609	239.7	4.680	.0	1489.5	366.9	69.2
160.0	159.3	9.489	9.472	33.256	25.677	26.401	25.675	233.5	4.918	.0	1488.9	414.7	185.1
170.0	169.3	9.380	9.361	33.401	25.809	26.578	25.806	221.2	5.143	.0	1488.8	464.7	59.2
180.0	179.2	9.285	9.266	33.498	25.900	26.715	25.897	212.7	5.360	.0	1488.8	517.0	91.1
190.0	189.1	9.338	9.317	33.661	26.020	26.878	26.016	201.7	5.569	.0	1489.3	571.3	104.9
200.0	199.1	9.304	9.282	33.690	26.048	26.952	26.044	199.2	5.769	.0	1489.4	627.7	13.6
210.0	209.0	9.174	9.151	33.838	26.184	27.134	26.181	186.4	5.963	.0	1489.3	686.0	75.0
220.0	219.0	9.021	8.997	33.867	26.232	27.227	26.228	182.1	6.147	.0	1488.9	746.2	26.7
230.0	228.9	8.912	8.888	33.910	26.283	27.324	26.279	177.4	6.326	.0	1488.7	808.1	29.0
240.0	238.8	8.762	8.736	33.943	26.332	27.419	26.328	172.8	6.501	.0	1488.3	871.9	46.9
250.0	248.8	8.656	8.630	33.975	26.374	27.507	26.370	169.0	6.672	.0	1488.2	937.3	63.6
260.0	258.7	8.561	8.534	33.988	26.399	27.577	26.395	166.8	6.840	.0	1488.0	1004.4	23.1
270.0	268.6	8.391	8.363	34.013	26.444	27.669	26.440	162.6	7.004	.0	1487.5	1073.2	24.6
280.0	278.6	8.323	8.294	34.016	26.457	27.728	26.453	161.5	7.166	.0	1487.4	1143.6	12.9
290.0	288.5	8.128	8.099	34.038	26.504	27.821	26.500	157.1	7.326	.0	1486.9	1215.6	35.7
300.0	298.5	8.030	7.999	34.051	26.529	27.891	26.524	154.9	7.482	.0	1486.7	1289.1	20.4
310.0	308.4	7.871	7.840	34.048	26.550	27.959	26.545	153.0	7.635	.0	1486.2	1364.1	.5
320.0	318.3	7.633	7.602	34.014	26.558	28.014	26.553	152.2	7.788	.0	1485.4	1440.7	18.9
330.0	328.2	7.544	7.512	34.025	26.579	28.081	26.574	150.3	7.940	.0	1485.3	1518.8	30.9
340.0	338.2	7.323	7.291	34.016	26.603	28.153	26.599	148.0	8.089	.0	1484.6	1598.4	33.2
350.0	348.1	7.185	7.152	34.014	26.622	28.218	26.617	146.4	8.237	.0	1484.2	1679.4	38.1
360.0	358.0	6.697	6.664	34.011	26.685	28.331	26.681	140.1	8.380	.0	1482.4	1761.9	65.0
370.0	368.0	6.555	6.522	34.022	26.713	28.405	26.708	137.5	8.518	.0	1482.0	1845.8	30.7
380.0	377.9	6.529	6.495	34.037	26.728	28.466	26.724	136.2	8.655	.0	1482.1	1931.0	5.8
390.0	387.8	6.364	6.330	34.054	26.763	28.549	26.759	132.9	8.790	.0	1481.6	2017.6	22.2
400.0	397.7	6.249	6.214	34.051	26.776	28.608	26.771	131.8	8.922	.0	1481.3	2105.5	14.3
410.0	407.6	6.118	6.083	34.049	26.791	28.670	26.787	130.3	9.053	.0	1481.0	2194.7	32.4
420.0	417.6	6.072	6.035	34.049	26.796	28.721	26.792	129.9	9.183	.0	1481.0	2285.2	10.7
430.0	427.5	5.927	5.890	34.046	26.813	28.785	26.809	128.3	9.312	.0	1480.5	2376.9	4.2
440.0	437.4	5.852	5.815	34.048	26.824	28.842	26.819	127.4	9.440	.0	1480.4	2470.0	19.8
450.0	447.3	5.799	5.760	34.055	26.836	28.901	26.831	126.3	9.567	.0	1480.4	2564.3	4.2
460.0	457.3	5.786	5.747	34.056	26.838	28.948	26.833	126.2	9.693	.0	1480.5	2659.8	2.8
470.0	467.2	5.758	5.718	34.061	26.846	29.002	26.841	125.6	9.819	.0	1480.5	2756.6	2.5
480.0	477.1	5.720	5.679	34.068	26.856	29.058	26.851	124.7	9.944	.0	1480.5	2854.6	8.4
490.0	487.0	5.672	5.631	34.074	26.867	29.115	26.861	123.8	10.068	.0	1480.5	2953.9	20.9
500.0	496.9	5.556	5.514	34.080	26.886	29.181	26.881	122.0	10.191	.0	1480.2	3054.3	10.1
510.0	506.9	5.502	5.460	34.083	26.895	29.237	26.889	121.2	10.313	.0	1480.2	3156.0	.1
520.0	516.8	5.363	5.321	34.080	26.909	29.299	26.904	119.8	10.433	.0	1479.8	3258.9	11.2
530.0	526.7	5.241	5.198	34.083	26.925	29.362	26.920	118.2	10.553	.0	1479.4	3363.0	22.9
540.0	536.6	5.221	5.177	34.095	26.937	29.420	26.932	117.2	10.670	.0	1479.5	3468.2	17.1
550.0	546.5	5.114	5.070	34.106	26.958	29.488	26.953	115.2	10.787	.0	1479.3	3574.6	32.0
560.0	556.4	5.024	4.979	34.112	26.974	29.551	26.969	113.7	10.901	.0	1479.1	3682.1	9.4
570.0	566.3	4.979	4.933	34.121	26.986	29.610	26.981	112.6	11.014	.0	1479.1	3790.7	36.1
580.0	576.3	4.886	4.841	34.137	27.009	29.679	27.004	110.5	11.125	.0	1478.9	3900.5	15.3
590.0	586.2	4.837	4.790	34.149	27.025	29.741	27.019	109.0	11.235	.0	1478.8	4011.3	23.5
600.0	596.1	4.811	4.764	34.163	27.039	29.802	27.033	107.8	11.343	.0	1478.9	4123.2	5.9
610.0	606.0	4.803	4.755	34.172	27.047	29.855	27.041	107.1	11.451	.0	1479.1	4236.2	15.6
620.0	615.9	4.772	4.723	34.188	27.063	29.918	27.058	105.7	11.557	.0	1479.1	4350.2	14.4
630.0	625.8	4.742	4.693	34.194	27.071	29.972	27.066	105.0	11.663	.0	1479.2	4465.3	19.1
640.0	635.7	4.691	4.641	34.204	27.084	30.032	27.079	103.8	11.767	.0	1479.1	4581.4	7.1
650.0	645.7	4.669	4.618	34.218	27.098	30.092	27.093	102.5	11.870	.0	1479.2	4698.5	14.4
660.0	655.6	4.587	4.536	34.224	27.112	30.153	27.107	101.2	11.972	.0	1479.1	4816.6	17.0
670.0	665.5	4.531	4.480	34.233	27.125	30.213	27.120	100.0	12.073	.0	1479.0	4935.8	15.3
680.0	675.4	4.540	4.487	34.246	27.135	30.267	27.129	99.2	12.172	.0	1479.2	5055.9	20.3
690.0	685.3	4.462	4.409	34.261	27.155	30.335	27.149	97.3	12.270	.0	1479.1	5176.9	14.1
700.0	695.2	4.446	4.393	34.265	27.160	30.386	27.154	96.9	12.367	.0	1479.2	5299.0	11.2
710.0	705.1	4.398	4.344	34.274	27.173	30.445	27.167	95.7	12.464	.0	1479.2	5422.0	9.1
720.0	715.0	4.376	4.321	34.282	27.182	30.500	27.176	94.9	12.559	.0	1479.2	5545.9	10.0
730.0	724.9	4.369	4.314	34.295	27.192	30.556	27.186	94.1	12.653	.0	1479.4	5670.8	5.4
740.0	734.8	4.317	4.260	34.297	27.200	30.610	27.194	93.4	12.747	.0	1479.3	5796.6	5.6
750.0	744.7	4.370	4.313	34.314	27.208	30.663	27.201	92.8	12.840	.0	1479.8	5923.3	1.0
760.0	754.6	4.326	4.268	34.310	27.209	30.712	27.203	92.7	12.933	.0	1479.7	6050.9	1.3
770.0	764.5	4.321	4.263	34.320	27.218	30.765	27.211	92.0	13.026	.0	1479.9	6179.4	20.6
780.0	774.4	4.281	4.222	34.333	27.232	30.826	27.226	90.6	13.117	.0	1479.9	6308.9	7.4
790.0	784.3	4.244	4.184	34.344	27.245	30.886	27.239	89.5	13.207	.0	1479.9	6439.2	4.5
800.0	794.2	4.220	4.159	34.348	27.251	30.937	27.244	89.0	13.296	.0	1480.0	6570.4	1.9
810.0	804.1	4.206	4.144	34.352	27.255	30.988	27.249	88.6	13.385	.0	1480.1	6702.5	1.6
820.0	814.0	4.179	4.117	34.356	27.262	31.041	27.256	88.1	13.473	.0	1480.2	6835.4	18.6
830.0	823.9	4.135	4.072	34.365	27.274	31.099	27.267	87.0	13.560	.0	1480.2	6969.2	.1
840.0	833.8	4.113	4.050	34.372	27.281	31.153	27.275	86.3	13.647	.0	1480.2	7103.9	17.7
850.0	843.7	4.083	4.019	34.379	27.291	31.208	27.284	85.5	13.733	.0	1480.3	7239.4	3.6
860.0	853.6	4.063	3.999	34.383	27.296	31.260	27.289	85.0	13.818	.0	1480.4	7375.8	6.0
870.0	863.5	4.031	3.966	34.390	27.305	31.315	27.298	84.2	13.903	.0	1480.4	7513.0	11.3
880.0	873.4	4.017	3.951	34.393	27.309	31.365	27.302	83.9	13.987	.0	1480.5	7651.0	.1
890.0	883.3	3.983	3.917	34.400	27.317	31.420	27.310	83.1	14.071	.0	1480.5	7789.8	13.9
900.0	893.2	3.952	3.885	34.406	27.326	31.475	27.319	82.4	14.154	.0	1480.6	7929.5	12.5
910.0	903.1	3.951	3.883	34.407	27.326	31.521	27.319	82.4	14.236	.0	1480.8	8069.9	-.7
920.0	913.0	3.919	3.851	34.414	27.336	31.576	27.329	81.6	14.318	.0	1480.8	8211.2	1.0
930.0	922.9	3.908	3.839	34.416	27.338	31.625	27.331	81.4	14.400	.0	1480.9	8353.3	6.6
940.0	932.8	3.892	3.822	34.419	27.342	31.675	27.335	81.0	14.481	.0	1481.0	8496.1	9.6
950.0	942.7	3.852	3.782	34.426	27.352	31.731	27.344	80.2	14.561	.0	1481.0	8639.8	3.7
960.0	952.6	3.808	3.737	34.432	27.361	31.787	27.354	79.3	14.641	.0	1481.0	8784.2	8.7
970.0	962.5	3.774	3.703	34.438	27.369	31.841	27.362	78.6	14.720	.0	1481.0	8929.5	11.3
980.0	972.3	3.735	3.663	34.443	27.378	31.897	27.370	77.7	14.798	.0	1481.0	9075.5	7.5
990.0	982.2	3.710	3.638	34.448	27.384	31.949	27.377	77.2	14.876	.0	1481.1	9222.2	-.1

Station 74 Latitude 32° 29.48'N Longitude 127° 54.81'W 04 May 1991 GMT 8:34 Bottom 2835 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.701	3.628	34.450	27.386	31.997	27.379	77.0	14.953	.0	1481.2	9369.7	11.9
1020.0	1011.9	3.657	3.583	34.459	27.398	32.101	27.390	76.0	15.106	.0	1481.4	9667.0	4.3
1040.0	1031.7	3.614	3.539	34.469	27.410	32.206	27.403	74.9	15.256	.0	1481.6	9967.2	4.9
1060.0	1051.5	3.578	3.500	34.477	27.420	32.308	27.413	74.1	15.405	.0	1481.7	10270.4	6.7
1080.0	1071.2	3.551	3.473	34.482	27.427	32.407	27.420	73.5	15.553	.0	1482.0	10576.5	4.6
1100.0	1091.0	3.514	3.434	34.487	27.435	32.506	27.427	72.9	15.700	.0	1482.2	10885.5	3.2
1120.0	1110.8	3.450	3.368	34.493	27.446	32.611	27.438	71.8	15.844	.0	1482.2	11197.3	3.8
1140.0	1130.6	3.413	3.330	34.500	27.455	32.712	27.447	71.0	15.987	.0	1482.4	11511.9	4.7
1160.0	1150.3	3.354	3.270	34.507	27.466	32.816	27.458	70.0	16.128	.0	1482.5	11829.3	6.7
1180.0	1170.1	3.301	3.216	34.510	27.474	32.917	27.466	69.2	16.268	.0	1482.6	12149.4	6.4
1200.0	1189.8	3.286	3.200	34.513	27.478	33.012	27.469	69.0	16.406	.0	1482.9	12472.2	2.9
1220.0	1209.6	3.238	3.150	34.517	27.486	33.112	27.478	68.3	16.543	.0	1483.0	12797.8	2.9
1240.0	1229.3	3.225	3.137	34.519	27.488	33.206	27.480	68.1	16.679	.0	1483.3	13126.0	3.8
1260.0	1249.1	3.184	3.093	34.525	27.498	33.308	27.489	67.3	16.815	.0	1483.4	13456.8	2.1
1280.0	1268.9	3.135	3.043	34.529	27.505	33.408	27.497	66.6	16.949	.0	1483.6	13790.3	2.1
1300.0	1288.6	3.112	3.019	34.530	27.508	33.503	27.500	66.4	17.082	.0	1483.8	14126.3	3.9
1320.0	1308.4	3.074	2.980	34.534	27.515	33.602	27.507	65.7	17.214	.0	1484.0	14465.0	3.9
1340.0	1328.1	3.036	2.941	34.537	27.521	33.700	27.513	65.2	17.345	.0	1484.2	14806.2	5.3
1360.0	1347.9	2.986	2.890	34.541	27.529	33.800	27.520	64.5	17.475	.0	1484.3	15150.0	5.1
1380.0	1367.6	2.960	2.863	34.543	27.533	33.896	27.524	64.1	17.603	.0	1484.5	15496.3	4.2
1400.0	1387.3	2.933	2.834	34.544	27.536	33.991	27.527	63.9	17.731	.0	1484.7	15845.1	3.6
1420.0	1407.1	2.914	2.814	34.546	27.540	34.086	27.531	63.6	17.859	.0	1485.0	16196.3	1.0
1440.0	1426.8	2.889	2.787	34.549	27.544	34.182	27.535	63.3	17.986	.0	1485.2	16550.1	-.2
1460.0	1446.6	2.853	2.750	34.552	27.550	34.280	27.541	62.7	18.111	.0	1485.4	16906.3	4.2
1480.0	1466.3	2.810	2.706	34.556	27.557	34.380	27.548	62.0	18.236	.0	1485.5	17264.9	3.7
1500.0	1486.0	2.767	2.662	34.559	27.563	34.479	27.554	61.4	18.360	.0	1485.7	17626.0	6.6
1520.0	1505.8	2.716	2.610	34.564	27.572	34.579	27.562	60.6	18.482	.0	1485.8	17989.4	-.1
1540.0	1525.5	2.679	2.572	34.567	27.577	34.678	27.568	60.0	18.603	.0	1486.0	18355.2	-1.9
1560.0	1545.2	2.650	2.541	34.569	27.581	34.773	27.572	59.7	18.723	.0	1486.2	18723.4	5.8
1580.0	1564.9	2.634	2.523	34.571	27.585	34.868	27.575	59.4	18.842	.0	1486.5	19093.8	2.0
1600.0	1584.7	2.604	2.492	34.573	27.589	34.964	27.580	59.0	18.960	.0	1486.7	19466.6	1.7
1620.0	1604.4	2.579	2.466	34.576	27.594	35.060	27.584	58.6	19.077	.0	1486.9	19841.7	5.2
1640.0	1624.1	2.537	2.423	34.580	27.601	35.159	27.591	57.9	19.194	.0	1487.1	20219.0	2.6
1660.0	1643.8	2.520	2.404	34.580	27.602	35.253	27.593	57.8	19.310	.0	1487.3	20598.6	1.7
1680.0	1663.5	2.497	2.381	34.582	27.606	35.347	27.596	57.5	19.425	.0	1487.5	20980.4	.0
1700.0	1683.2	2.468	2.350	34.585	27.611	35.444	27.601	57.1	19.540	.0	1487.8	21364.5	.9
1720.0	1702.9	2.443	2.323	34.587	27.615	35.540	27.605	56.7	19.653	.0	1488.0	21750.7	4.4
1740.0	1722.7	2.401	2.280	34.590	27.621	35.638	27.611	56.0	19.766	.0	1488.1	22139.2	.9
1760.0	1742.4	2.384	2.262	34.592	27.624	35.732	27.614	55.8	19.878	.0	1488.4	22529.8	-.9
1780.0	1762.1	2.363	2.240	34.595	27.627	35.827	27.617	55.5	19.989	.0	1488.7	22922.6	3.8
1800.0	1781.8	2.332	2.207	34.597	27.632	35.924	27.622	55.0	20.100	.0	1488.9	23317.5	.9
1820.0	1801.5	2.311	2.185	34.598	27.635	36.018	27.624	54.8	20.210	.0	1489.1	23714.6	4.5
1840.0	1821.2	2.303	2.176	34.599	27.636	36.110	27.626	54.7	20.319	.0	1489.4	24113.8	-.8
1860.0	1840.9	2.281	2.152	34.601	27.640	36.205	27.629	54.4	20.428	.0	1489.6	24515.1	-.2
1880.0	1860.6	2.259	2.129	34.603	27.643	36.300	27.633	54.1	20.537	.0	1489.9	24918.6	3.9
1900.0	1880.3	2.222	2.091	34.606	27.649	36.398	27.638	53.5	20.645	.0	1490.1	25324.1	.4
1920.0	1899.9	2.206	2.073	34.608	27.652	36.491	27.641	53.3	20.751	.0	1490.3	25731.7	3.1
1940.0	1919.6	2.182	2.047	34.610	27.655	36.586	27.644	52.9	20.858	.0	1490.6	26141.3	-1.0
1960.0	1939.3	2.180	2.044	34.611	27.656	36.677	27.645	52.9	20.963	.0	1490.9	26553.0	-.4
1980.0	1959.0	2.161	2.024	34.612	27.659	36.771	27.648	52.7	21.069	.0	1491.1	26966.7	3.1
2000.0	1978.7	2.128	1.989	34.616	27.665	36.868	27.654	52.1	21.174	.0	1491.3	27382.5	1.7
2050.0	2027.9	2.085	1.943	34.619	27.671	37.102	27.660	51.5	21.433	.0	1492.0	28430.7	2.3
2096.0	2073.2	2.026	1.880	34.625	27.681	37.322	27.670	50.5	21.668	.0	1492.5	29406.0	.0

Station 75 Latitude 32° 32.05'N Longitude 128° 02.57'W 04 May 1991 GMT 10:51 Bottom 4440 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.173	15.173	33.151	24.510	24.510	24.510	341.4	.000	.0	1505.7	.0	.0
10.0	10.0	15.048	15.046	33.143	24.531	24.575	24.531	339.7	.341	.0	1505.4	1.7	15.6
20.0	19.9	14.997	14.994	33.139	24.539	24.628	24.539	339.2	.680	.0	1505.4	6.8	1.9
30.0	29.9	14.984	14.980	33.139	24.543	24.675	24.542	339.2	1.019	.0	1505.5	15.3	5.7
40.0	39.8	14.985	14.979	33.210	24.598	24.774	24.597	334.3	1.357	.0	1505.8	27.1	63.1
50.0	49.8	14.795	14.787	33.249	24.669	24.889	24.667	327.8	1.688	.0	1505.4	42.3	34.1
60.0	59.8	14.512	14.503	33.216	24.704	24.969	24.702	324.7	2.014	.0	1504.6	60.7	16.2
70.0	69.7	14.460	14.450	33.220	24.718	25.028	24.716	323.6	2.338	.0	1504.6	82.4	22.9
80.0	79.7	14.292	14.280	33.245	24.773	25.127	24.771	318.7	2.660	.0	1504.3	107.3	58.3
90.0	89.7	14.197	14.184	33.278	24.819	25.218	24.817	314.6	2.977	.0	1504.2	135.3	47.5
100.0	99.6	13.955	13.941	33.266	24.861	25.304	24.858	310.9	3.289	.0	1503.5	166.5	58.6
110.0	109.6	13.304	13.289	33.232	24.967	25.456	24.964	300.9	3.597	.0	1501.5	200.8	295.1
120.0	119.5	11.541	11.526	33.041	25.156	25.694	25.153	282.8	3.886	.0	1495.4	238.1	28.2
130.0	129.5	10.728	10.713	33.044	25.304	25.888	25.301	268.8	4.166	.0	1492.6	278.2	291.9
140.0	139.4	10.223	10.207	33.095	25.430	26.061	25.427	256.9	4.430	.0	1491.0	320.9	100.3
150.0	149.4	9.850	9.833	33.170	25.552	26.229	25.549	245.4	4.681	.0	1489.9	366.3	64.2
160.0	159.3	9.658	9.640	33.224	25.626	26.348	25.623	238.5	4.924	.0	1489.5	414.0	141.2
170.0	169.3	9.396	9.378	33.273	25.706	26.475	25.703	231.0	5.158	.0	1488.7	464.2	37.2
180.0	179.2	9.419	9.399	33.449	25.840	26.654	25.837	218.5	5.383	.0	1489.2	516.6	78.5
190.0	189.1	9.242	9.221	33.519	25.924	26.783	25.921	210.7	5.600	.0	1488.8	571.2	128.9
200.0	199.1	9.205	9.184	33.663	26.042	26.947	26.039	199.7	5.805	.0	1489.0	627.9	107.5
210.0	209.0	9.224	9.201	33.767	26.121	27.070	26.117	192.5	6.001	.0	1489.4	686.6	34.0
220.0	219.0	9.184	9.160	33.834	26.180	27.175	26.176	187.0	6.192	.0	1489.5	747.2	90.9
230.0	228.9	9.118	9.094	33.893	26.237	27.277	26.233	181.8	6.376	.0	1489.5	809.7	37.6
240.0	238.9	9.056	9.030	33.932	26.278	27.363	26.273	178.2	6.556	.0	1489.4	873.9	78.3
250.0	248.8	8.820	8.793	33.977	26.350	27.481	26.346	171.4	6.729	.0	1488.8	939.9	20.8
260.0	258.7	8.737	8.709	33.978	26.364	27.541	26.359	170.2	6.900	.0	1488.6	1007.6	21.7
270.0	268.6	8.595	8.567	34.001	26.404	27.628	26.400	166.5	7.069	.0	1488.3	1077.0	55.7
280.0	278.6	8.448	8.419	34.011	26.434	27.704	26.430	163.8	7.233	.0	1487.9	1148.0	7.3
290.0	288.5	8.340	8.311	34.023	26.461	27.776	26.456	161.4	7.396	.0	1487.7	1220.7	17.3
300.0	298.5	8.260	8.230	34.038	26.485	27.846	26.480	159.3	7.556	.0	1487.5	1294.9	30.1
310.0	308.4	8.080	8.048	34.046	26.518	27.925	26.513	156.2	7.714	.0	1487.0	1370.8	71.4
320.0	318.3	7.866	7.834	34.055	26.556	28.010	26.551	152.6	7.868	.0	1486.4	1448.2	18.1
330.0	328.2	7.763	7.731	34.059	26.575	28.075	26.570	150.9	8.020	.0	1486.2	1527.0	32.4
340.0	338.2	7.651	7.617	34.068	26.598	28.145	26.594	148.8	8.170	.0	1485.9	1607.4	33.3
350.0	348.1	7.508	7.474	34.067	26.617	28.210	26.612	147.0	8.318	.0	1485.5	1689.3	21.8
360.0	358.0	7.455	7.420	34.072	26.629	28.268	26.624	146.0	8.464	.0	1485.5	1772.6	16.3
370.0	368.0	7.291	7.256	34.070	26.651	28.337	26.646	144.0	8.609	.0	1485.0	1857.3	13.3
380.0	377.9	7.074	7.038	34.067	26.679	28.412	26.674	141.4	8.752	.0	1484.3	1943.5	14.4
390.0	387.8	6.853	6.817	34.061	26.704	28.485	26.700	138.9	8.892	.0	1483.6	2031.1	36.1
400.0	397.7	6.618	6.582	34.041	26.720	28.548	26.715	137.4	9.031	.0	1482.8	2120.0	16.4
410.0	407.7	6.613	6.576	34.063	26.738	28.612	26.733	135.8	9.167	.0	1483.0	2210.3	17.3
420.0	417.6	6.419	6.382	34.054	26.756	28.677	26.751	134.1	9.302	.0	1482.4	2302.0	13.7
430.0	427.5	6.300	6.262	34.044	26.764	28.732	26.759	133.3	9.436	.0	1482.0	2394.9	10.2
440.0	437.4	6.190	6.151	34.049	26.782	28.796	26.777	131.7	9.568	.0	1481.8	2489.2	27.5
450.0	447.4	6.061	6.022	34.053	26.801	28.863	26.796	129.8	9.699	.0	1481.4	2584.8	19.8
460.0	457.3	5.960	5.920	34.057	26.817	28.926	26.813	128.3	9.828	.0	1481.2	2681.7	2.8
470.0	467.2	5.924	5.884	34.058	26.823	28.977	26.818	127.9	9.956	.0	1481.2	2779.8	15.1
480.0	477.1	5.835	5.794	34.065	26.839	29.041	26.834	126.4	10.083	.0	1481.0	2879.2	15.1
490.0	487.0	5.858	5.816	34.090	26.857	29.103	26.852	124.9	10.209	.0	1481.3	2979.8	30.1
500.0	497.0	5.780	5.737	34.100	26.875	29.167	26.869	123.3	10.333	.0	1481.2	3081.7	9.3
510.0	506.9	5.774	5.730	34.112	26.885	29.223	26.880	122.5	10.456	.0	1481.3	3184.8	18.4
520.0	516.8	5.627	5.583	34.112	26.903	29.289	26.898	120.7	10.577	.0	1480.9	3289.1	22.7
530.0	526.7	5.584	5.539	34.122	26.916	29.348	26.910	119.6	10.697	.0	1480.9	3394.6	5.4
540.0	536.6	5.553	5.508	34.133	26.928	29.406	26.923	118.5	10.817	.0	1480.9	3501.3	11.0
550.0	546.5	5.460	5.414	34.128	26.936	29.461	26.930	117.8	10.935	.0	1480.7	3609.1	15.7
560.0	556.5	5.235	5.190	34.114	26.951	29.525	26.945	116.2	11.052	.0	1479.9	3718.1	4.2
570.0	566.4	5.134	5.088	34.120	26.967	29.588	26.962	114.6	11.167	.0	1479.7	3828.3	17.4
580.0	576.3	5.048	5.001	34.121	26.979	29.646	26.973	113.6	11.281	.0	1479.5	3939.6	12.7
590.0	586.2	5.004	4.957	34.131	26.992	29.706	26.986	112.4	11.395	.0	1479.5	4052.0	18.8
600.0	596.1	4.909	4.862	34.147	27.015	29.776	27.010	110.2	11.506	.0	1479.3	4165.5	17.1
610.0	606.0	4.792	4.744	34.152	27.032	29.840	27.026	108.5	11.615	.0	1479.0	4280.1	7.4
620.0	615.9	4.749	4.701	34.155	27.039	29.894	27.034	107.9	11.723	.0	1479.0	4395.7	6.2
630.0	625.8	4.716	4.667	34.169	27.054	29.956	27.049	106.5	11.830	.0	1479.0	4512.4	12.7
640.0	635.8	4.688	4.638	34.182	27.067	30.015	27.062	105.3	11.936	.0	1479.1	4630.2	3.6
650.0	645.7	4.650	4.600	34.194	27.081	30.075	27.076	104.1	12.041	.0	1479.1	4749.0	10.3
660.0	655.6	4.615	4.564	34.209	27.097	30.138	27.092	102.6	12.144	.0	1479.2	4868.8	9.4
670.0	665.5	4.604	4.552	34.213	27.102	30.188	27.096	102.3	12.247	.0	1479.3	4989.7	-.8
680.0	675.4	4.587	4.535	34.220	27.109	30.241	27.103	101.7	12.349	.0	1479.4	5111.5	13.0
690.0	685.3	4.566	4.513	34.230	27.119	30.297	27.113	100.8	12.450	.0	1479.5	5234.4	9.2
700.0	695.2	4.561	4.507	34.232	27.122	30.346	27.116	100.7	12.551	.0	1479.6	5358.2	2.4
710.0	705.1	4.518	4.463	34.240	27.132	30.403	27.127	99.7	12.651	.0	1479.6	5483.0	8.6
720.0	715.0	4.460	4.405	34.251	27.148	30.465	27.142	98.3	12.750	.0	1479.5	5608.9	5.9
730.0	724.9	4.403	4.347	34.262	27.163	30.526	27.156	96.9	12.848	.0	1479.5	5735.6	13.9
740.0	734.8	4.432	4.375	34.277	27.172	30.581	27.166	96.2	12.944	.0	1479.8	5863.4	9.2
750.0	744.7	4.434	4.376	34.288	27.181	30.635	27.174	95.5	13.040	.0	1480.0	5992.0	13.0
760.0	754.6	4.406	4.348	34.299	27.192	30.692	27.185	94.5	13.135	.0	1480.0	6121.7	7.4
770.0	764.5	4.382	4.323	34.302	27.197	30.744	27.191	94.0	13.229	.0	1480.1	6252.2	4.2
780.0	774.4	4.362	4.302	34.306	27.202	30.795	27.196	93.6	13.323	.0	1480.2	6383.7	4.2
790.0	784.3	4.297	4.237	34.316	27.218	30.857	27.211	92.1	13.416	.0	1480.1	6516.1	3.6
800.0	794.2	4.289	4.228	34.321	27.222	30.908	27.216	91.8	13.508	.0	1480.2	6649.4	3.4
810.0	804.1	4.267	4.206	34.329	27.231	30.962	27.225	91.0	13.600	.0	1480.3	6783.6	10.1
820.0	814.0	4.259	4.196	34.332	27.234	31.011	27.228	90.8	13.691	.0	1480.5	6918.6	1.0
830.0	823.9	4.234	4.171	34.341	27.244	31.068	27.238	89.9	13.781	.0	1480.5	7054.6	20.4
840.0	833.8	4.199	4.135	34.351	27.256	31.125	27.249	88.9	13.870	.0	1480.6	7191.5	4.3
850.0	843.7	4.176	4.111	34.357	27.264	31.180	27.257	88.2	13.959	.0	1480.6	7329.2	5.1
860.0	853.6	4.159	4.094	34.363	27.270	31.232	27.263	87.7	14.047	.0	1480.7	7467.8	7.5
870.0	863.5	4.125	4.060	34.371	27.279	31.288	27.273	86.8	14.134	.0	1480.8	7607.3	8.4
880.0	873.4	4.098	4.031	34.373	27.285	31.339	27.278	86.4	14.220	.0	1480.8	7747.6	9.5
890.0	883.3	4.056	3.990	34.385	27.298	31.399	27.291	85.1	14.306	.0	1480.8	7888.8	17.7
900.0	893.2	4.032	3.965	34.389	27.304	31.451	27.297	84.6	14.391	.0	1480.9	8030.7	1.9
910.0	903.1	4.017	3.949	34.393	27.309	31.502	27.302	84.2	14.475	.0	1481.0	8173.6	14.8
920.0	913.0	3.960	3.891	34.405	27.324	31.564	27.317	82.7	14.559	.0	1481.0	8317.2	15.1
930.0	922.9	3.936	3.867	34.412	27.332	31.618	27.325	82.0	14.641	.0	1481.0	8461.7	11.9
940.0	932.8	3.909	3.839	34.417	27.339	31.671	27.332	81.4	14.723	.0	1481.1	8606.9	.8
950.0	942.7	3.878	3.808	34.423	27.347	31.726	27.340	80.7	14.804	.0	1481.1	8753.0	5.5
960.0	952.6	3.855	3.783	34.425	27.351	31.776	27.344	80.3	14.884	.0	1481.2	8899.8	8.7
970.0	962.5	3.815	3.743	34.432	27.360	31.832	27.353	79.5	14.964	.0	1481.2	9047.5	4.9
980.0	972.4	3.788	3.716	34.435	27.365	31.883	27.358	79.0	15.043	.0	1481.3	9195.9	6.9
990.0	982.3	3.776	3.703	34.438	27.369	31.933	27.362	78.7	15.122	.0	1481.4	9345.1	.5

Station 75 Latitude 32° 32.05'N Longitude 128° 02.57'W 04 May 1991 GMT 10:51 Bottom 4440 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.760	3.686	34.440	27.373	31.983	27.366	78.4	15.201	.0	1481.5	9495.0	4.9
1020.0	1011.9	3.722	3.647	34.447	27.382	32.083	27.374	77.7	15.357	.0	1481.7	9797.3	7.2
1040.0	1031.7	3.705	3.629	34.456	27.391	32.184	27.383	76.9	15.511	.0	1481.9	10102.5	3.7
1060.0	1051.5	3.641	3.564	34.460	27.401	32.287	27.393	76.0	15.664	.0	1482.0	10410.8	6.1
1080.0	1071.3	3.600	3.521	34.468	27.411	32.389	27.403	75.1	15.815	.0	1482.2	10722.0	3.8
1100.0	1091.0	3.559	3.479	34.474	27.420	32.491	27.412	74.4	15.965	.0	1482.3	11036.2	4.1
1120.0	1110.8	3.518	3.436	34.480	27.429	32.592	27.421	73.6	16.112	.0	1482.5	11353.2	8.2
1140.0	1130.6	3.422	3.340	34.492	27.448	32.705	27.440	71.7	16.258	.0	1482.4	11673.2	5.5
1160.0	1150.3	3.386	3.302	34.497	27.456	32.804	27.448	71.0	16.401	.0	1482.6	11996.0	1.7
1180.0	1170.1	3.352	3.267	34.501	27.462	32.903	27.454	70.5	16.542	.0	1482.8	12321.5	10.2
1200.0	1189.9	3.316	3.230	34.508	27.471	33.004	27.463	69.7	16.682	.0	1483.0	12649.8	1.2
1220.0	1209.6	3.282	3.194	34.511	27.477	33.102	27.468	69.3	16.821	.0	1483.2	12980.8	9.4
1240.0	1229.4	3.239	3.150	34.515	27.485	33.202	27.476	68.5	16.959	.0	1483.3	13314.5	5.3
1260.0	1249.1	3.206	3.115	34.519	27.490	33.300	27.482	68.0	17.096	.0	1483.5	13650.9	5.0
1280.0	1268.9	3.170	3.078	34.522	27.496	33.398	27.488	67.5	17.231	.0	1483.7	13989.9	3.0
1300.0	1288.6	3.138	3.045	34.526	27.503	33.496	27.494	67.0	17.366	.0	1483.9	14331.6	3.9
1320.0	1308.4	3.109	3.014	34.528	27.507	33.592	27.498	66.6	17.500	.0	1484.1	14675.9	1.8
1340.0	1328.1	3.078	2.982	34.531	27.513	33.690	27.504	66.1	17.632	.0	1484.3	15022.8	5.6
1360.0	1347.9	3.033	2.937	34.535	27.520	33.789	27.511	65.5	17.764	.0	1484.5	15372.3	.7
1380.0	1367.6	2.990	2.892	34.539	27.527	33.889	27.518	64.8	17.894	.0	1484.6	15724.3	4.8
1400.0	1387.4	2.954	2.854	34.544	27.534	33.988	27.525	64.2	18.023	.0	1484.8	16078.8	3.3
1420.0	1407.1	2.907	2.807	34.549	27.542	34.089	27.533	63.3	18.151	.0	1484.9	16435.8	6.3
1440.0	1426.8	2.895	2.793	34.550	27.545	34.183	27.536	63.2	18.278	.0	1485.2	16795.4	1.6
1460.0	1446.6	2.856	2.753	34.552	27.550	34.280	27.540	62.8	18.404	.0	1485.4	17157.3	2.5
1480.0	1466.3	2.817	2.713	34.554	27.555	34.378	27.546	62.2	18.529	.0	1485.6	17521.7	3.4
1500.0	1486.1	2.792	2.686	34.559	27.561	34.475	27.552	61.7	18.653	.0	1485.8	17888.6	2.8
1520.0	1505.8	2.751	2.645	34.563	27.568	34.574	27.559	61.1	18.775	.0	1486.0	18257.8	2.2
1540.0	1525.5	2.728	2.619	34.564	27.571	34.669	27.562	60.8	18.897	.0	1486.2	18629.4	3.7
1560.0	1545.2	2.692	2.583	34.567	27.577	34.767	27.567	60.3	19.018	.0	1486.4	19003.4	3.7
1580.0	1565.0	2.662	2.552	34.569	27.581	34.863	27.571	59.9	19.139	.0	1486.6	19379.7	3.7
1600.0	1584.7	2.634	2.522	34.571	27.585	34.959	27.576	59.5	19.258	.0	1486.8	19758.3	4.9
1620.0	1604.4	2.586	2.473	34.575	27.593	35.059	27.583	58.8	19.376	.0	1486.9	20139.3	-.4
1640.0	1624.1	2.549	2.435	34.578	27.598	35.157	27.588	58.2	19.493	.0	1487.1	20522.5	4.3
1660.0	1643.8	2.523	2.407	34.580	27.602	35.252	27.592	57.9	19.609	.0	1487.3	20908.0	3.2
1680.0	1663.6	2.501	2.384	34.582	27.606	35.347	27.596	57.6	19.724	.0	1487.6	21295.7	4.1
1700.0	1683.3	2.474	2.355	34.585	27.610	35.443	27.600	57.1	19.839	.0	1487.8	21685.6	3.5
1720.0	1703.0	2.447	2.328	34.587	27.614	35.539	27.604	56.8	19.953	.0	1488.0	22077.8	2.3
1740.0	1722.7	2.416	2.295	34.589	27.618	35.635	27.608	56.3	20.066	.0	1488.2	22472.2	4.4
1760.0	1742.4	2.387	2.265	34.592	27.624	35.732	27.613	55.9	20.178	.0	1488.4	22868.7	3.8
1780.0	1762.1	2.365	2.241	34.594	27.627	35.827	27.617	55.6	20.290	.0	1488.7	23267.4	3.8
1800.0	1781.8	2.345	2.220	34.595	27.629	35.921	27.619	55.3	20.401	.0	1488.9	23668.3	4.5
1820.0	1801.5	2.322	2.196	34.597	27.633	36.016	27.623	55.0	20.511	.0	1489.1	24071.3	3.6
1840.0	1821.2	2.295	2.168	34.600	27.638	36.112	27.627	54.6	20.621	.0	1489.4	24476.4	-.5
1860.0	1840.9	2.273	2.144	34.601	27.641	36.206	27.630	54.3	20.730	.0	1489.6	24883.7	1.9
1880.0	1860.6	2.254	2.124	34.603	27.643	36.300	27.633	54.1	20.838	.0	1489.9	25293.0	.7
1900.0	1880.3	2.240	2.108	34.604	27.646	36.394	27.635	53.9	20.946	.0	1490.1	25704.5	3.9
1920.0	1900.0	2.210	2.077	34.608	27.651	36.490	27.640	53.3	21.053	.0	1490.3	26118.0	3.9
1940.0	1919.7	2.191	2.057	34.608	27.653	36.583	27.642	53.2	21.159	.0	1490.6	26533.6	.2
1960.0	1939.3	2.171	2.035	34.611	27.657	36.679	27.646	52.8	21.265	.0	1490.9	26951.2	-.7
1980.0	1959.0	2.153	2.016	34.613	27.660	36.773	27.649	52.5	21.371	.0	1491.1	27370.9	1.1
2000.0	1978.7	2.126	1.987	34.615	27.664	36.868	27.653	52.1	21.475	.0	1491.3	27792.6	-1.6
2050.0	2027.9	2.082	1.940	34.619	27.671	37.103	27.660	51.5	21.734	.0	1492.0	28855.6	1.1
2098.0	2075.1	2.044	1.898	34.623	27.678	37.327	27.666	50.9	21.980	.0	1492.6	29887.8	.0

Station 76 Latitude 32° 10.83'N Longitude 128° 32.15'W 04 May 1991 GMT 15:24 Bottom 4440 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	15.891	15.891	33.492	24.613	24.613	24.613	331.6	.000	.0	1508.3	.0	.0
10.0	10.0	15.787	15.785	33.492	24.637	24.681	24.637	329.6	.332	.0	1508.2	1.7	73.2
20.0	19.9	15.712	15.709	33.486	24.649	24.737	24.649	328.8	.661	.0	1508.1	6.6	3.8
30.0	29.9	15.459	15.454	33.472	24.695	24.827	24.694	324.7	.988	.0	1507.5	14.8	68.7
40.0	39.8	15.424	15.418	33.510	24.733	24.909	24.731	321.5	1.312	.0	1507.6	26.3	72.6
50.0	49.8	15.442	15.435	33.544	24.755	24.975	24.753	319.6	1.632	.0	1507.8	40.9	9.6
60.0	59.8	15.443	15.434	33.568	24.774	25.038	24.772	318.2	1.951	.0	1508.0	58.8	14.3
70.0	69.7	15.379	15.369	33.574	24.792	25.101	24.790	316.7	2.269	.0	1508.0	79.8	31.9
80.0	79.7	16.086	16.074	33.836	24.837	25.188	24.834	312.9	2.583	.0	1510.7	103.9	8.3
90.0	89.7	15.887	15.873	33.790	24.846	25.242	24.843	312.3	2.895	.0	1510.2	131.2	16.5
100.0	99.6	15.698	15.683	33.766	24.871	25.311	24.868	310.2	3.206	.0	1509.7	161.6	9.1
110.0	109.6	15.518	15.502	33.765	24.910	25.394	24.907	306.7	3.516	.0	1509.3	195.1	91.4
120.0	119.5	14.866	14.848	33.690	24.996	25.525	24.992	298.8	3.819	.0	1507.3	231.6	7.0
130.0	129.5	13.635	13.616	33.595	25.181	25.758	25.177	281.2	4.111	.0	1503.3	271.1	177.7
140.0	139.4	12.893	12.874	33.578	25.317	25.940	25.313	268.4	4.388	.0	1501.0	313.4	144.8
150.0	149.4	12.353	12.334	33.549	25.399	26.068	25.396	260.6	4.653	.0	1499.3	358.4	63.6
160.0	159.3	11.888	11.868	33.540	25.480	26.195	25.476	253.1	4.910	.0	1497.8	405.9	79.6
170.0	169.3	10.538	10.519	33.467	25.667	26.431	25.663	235.1	5.154	.0	1493.1	456.0	35.1
180.0	179.2	10.314	10.293	33.486	25.720	26.530	25.717	230.2	5.388	.0	1492.5	508.4	124.1
190.0	189.2	9.609	9.588	33.488	25.840	26.698	25.837	218.8	5.613	.0	1490.1	563.1	100.6
200.0	199.1	9.357	9.335	33.532	25.915	26.819	25.912	211.8	5.828	.0	1489.4	620.0	73.6
210.0	209.0	9.157	9.134	33.611	26.010	26.960	26.006	202.9	6.034	.0	1488.9	679.0	15.3
220.0	219.0	8.934	8.911	33.730	26.138	27.134	26.134	190.9	6.232	.0	1488.4	740.0	128.0
230.0	228.9	8.703	8.678	33.837	26.258	27.300	26.254	179.6	6.418	.0	1487.8	802.8	102.5
240.0	238.9	8.570	8.545	33.938	26.358	27.446	26.354	170.3	6.594	.0	1487.6	867.5	94.0
250.0	248.8	8.498	8.472	33.961	26.387	27.521	26.383	167.7	6.763	.0	1487.5	933.9	7.0
260.0	258.7	8.423	8.396	33.973	26.408	27.587	26.404	165.8	6.930	.0	1487.4	1001.9	43.0
270.0	268.7	8.274	8.247	33.986	26.441	27.666	26.437	162.8	7.095	.0	1487.0	1071.5	19.9
280.0	278.6	8.045	8.017	33.997	26.484	27.756	26.480	158.8	7.256	.0	1486.3	1142.8	49.1
290.0	288.5	7.819	7.790	34.000	26.519	27.838	26.515	155.5	7.413	.0	1485.6	1215.7	37.9
300.0	298.5	7.645	7.616	33.997	26.542	27.908	26.538	153.3	7.568	.0	1485.1	1290.1	10.1
310.0	308.4	7.583	7.553	33.997	26.552	27.963	26.547	152.6	7.721	.0	1485.1	1366.0	26.5
320.0	318.3	7.403	7.372	33.999	26.578	28.036	26.574	150.1	7.872	.0	1484.5	1443.4	5.7
330.0	328.3	7.262	7.230	34.000	26.599	28.104	26.595	148.2	8.021	.0	1484.1	1522.3	31.1
340.0	338.2	7.219	7.187	34.009	26.613	28.163	26.608	147.1	8.169	.0	1484.1	1602.7	16.5
350.0	348.1	7.042	7.009	34.002	26.632	28.229	26.627	145.3	8.315	.0	1483.6	1684.5	19.1
360.0	358.0	6.883	6.849	34.005	26.656	28.300	26.652	143.0	8.460	.0	1483.1	1767.8	50.1
370.0	368.0	6.730	6.696	34.007	26.678	28.369	26.674	141.0	8.601	.0	1482.7	1852.5	13.5
380.0	377.9	6.638	6.604	34.009	26.691	28.429	26.687	139.8	8.742	.0	1482.5	1938.6	35.1
390.0	387.8	6.460	6.425	34.016	26.721	28.505	26.716	137.0	8.880	.0	1482.0	2026.0	19.0
400.0	397.7	6.383	6.347	34.018	26.732	28.563	26.728	136.0	9.017	.0	1481.8	2114.8	14.6
410.0	407.7	6.310	6.273	34.021	26.744	28.621	26.740	134.9	9.152	.0	1481.7	2205.0	30.7
420.0	417.6	6.135	6.098	34.028	26.773	28.697	26.768	132.2	9.285	.0	1481.2	2296.5	17.5
430.0	427.5	6.062	6.024	34.034	26.787	28.757	26.782	131.0	9.417	.0	1481.1	2389.3	8.7
440.0	437.4	5.962	5.924	34.038	26.802	28.819	26.797	129.5	9.547	.0	1480.8	2483.4	27.1
450.0	447.4	5.916	5.878	34.051	26.818	28.881	26.813	128.1	9.676	.0	1480.8	2578.7	19.5
460.0	457.3	5.823	5.784	34.059	26.836	28.946	26.831	126.5	9.804	.0	1480.6	2675.4	13.6
470.0	467.2	5.751	5.711	34.069	26.853	29.009	26.848	124.9	9.929	.0	1480.5	2773.3	7.8
480.0	477.1	5.705	5.664	34.077	26.865	29.067	26.860	123.9	10.054	.0	1480.5	2872.4	16.0
490.0	487.0	5.646	5.604	34.083	26.877	29.126	26.872	122.8	10.177	.0	1480.4	2972.7	11.9
500.0	497.0	5.572	5.530	34.092	26.893	29.189	26.888	121.3	10.299	.0	1480.3	3074.3	13.3
510.0	506.9	5.482	5.439	34.100	26.911	29.253	26.906	119.7	10.420	.0	1480.1	3177.0	24.1
520.0	516.8	5.402	5.360	34.110	26.928	29.317	26.923	118.1	10.538	.0	1480.0	3281.0	18.0
530.0	526.7	5.342	5.299	34.121	26.944	29.379	26.939	116.7	10.656	.0	1479.9	3386.0	3.3
540.0	536.6	5.327	5.283	34.131	26.954	29.435	26.948	115.8	10.772	.0	1480.0	3492.3	17.7
550.0	546.5	5.313	5.268	34.146	26.967	29.494	26.962	114.6	10.887	.0	1480.1	3599.7	9.8
560.0	556.5	5.275	5.230	34.155	26.979	29.552	26.974	113.6	11.001	.0	1480.2	3708.2	16.8
570.0	566.4	5.138	5.092	34.159	26.998	29.619	26.993	111.7	11.113	.0	1479.8	3817.8	10.4
580.0	576.3	5.109	5.062	34.167	27.008	29.674	27.002	110.9	11.225	.0	1479.8	3928.5	15.3
590.0	586.2	5.052	5.005	34.175	27.021	29.734	27.015	109.7	11.335	.0	1479.8	4040.4	18.6
600.0	596.1	5.053	5.004	34.196	27.038	29.796	27.032	108.3	11.444	.0	1480.0	4153.3	10.4
610.0	606.0	4.998	4.949	34.203	27.049	29.855	27.044	107.2	11.552	.0	1479.9	4267.2	27.1
620.0	615.9	4.968	4.919	34.215	27.062	29.913	27.056	106.1	11.658	.0	1480.0	4382.3	7.7
630.0	625.8	4.913	4.863	34.225	27.077	29.975	27.071	104.7	11.764	.0	1479.9	4498.3	17.1
640.0	635.8	4.902	4.851	34.234	27.085	30.029	27.079	104.1	11.868	.0	1480.0	4615.5	4.2
650.0	645.7	4.900	4.848	34.243	27.092	30.082	27.086	103.5	11.972	.0	1480.2	4733.6	5.7
660.0	655.6	4.864	4.812	34.245	27.098	30.134	27.092	103.0	12.075	.0	1480.2	4852.7	15.9
670.0	665.5	4.774	4.721	34.246	27.109	30.192	27.103	101.9	12.178	.0	1480.0	4972.9	9.2
680.0	675.4	4.756	4.702	34.257	27.120	30.249	27.114	100.9	12.279	.0	1480.1	5094.1	18.0
690.0	685.3	4.720	4.666	34.264	27.130	30.305	27.124	100.1	12.380	.0	1480.2	5216.2	6.9
700.0	695.2	4.684	4.629	34.271	27.139	30.361	27.133	99.2	12.479	.0	1480.2	5339.4	8.6
710.0	705.1	4.626	4.571	34.278	27.151	30.419	27.145	98.2	12.578	.0	1480.1	5463.5	8.9
720.0	715.0	4.555	4.499	34.282	27.162	30.477	27.156	97.1	12.676	.0	1480.0	5588.6	9.2
730.0	724.9	4.529	4.473	34.295	27.176	30.537	27.169	95.9	12.772	.0	1480.1	5714.6	16.2
740.0	734.8	4.542	4.484	34.311	27.187	30.593	27.181	95.0	12.868	.0	1480.3	5841.6	5.4
750.0	744.7	4.526	4.468	34.318	27.194	30.647	27.188	94.3	12.962	.0	1480.4	5969.5	8.3
760.0	754.7	4.479	4.420	34.320	27.201	30.700	27.194	93.8	13.057	.0	1480.4	6098.3	10.7
770.0	764.5	4.377	4.318	34.322	27.213	30.760	27.207	92.5	13.150	.0	1480.1	6228.1	13.0
780.0	774.5	4.367	4.307	34.328	27.219	30.812	27.213	92.0	13.242	.0	1480.2	6358.8	6.3
790.0	784.3	4.360	4.300	34.339	27.229	30.867	27.222	91.2	13.333	.0	1480.4	6490.4	8.3
800.0	794.3	4.341	4.279	34.343	27.234	30.918	27.228	90.8	13.424	.0	1480.5	6622.8	9.2
810.0	804.2	4.306	4.244	34.352	27.245	30.976	27.238	89.8	13.515	.0	1480.5	6756.2	8.9
820.0	814.1	4.288	4.226	34.357	27.252	31.028	27.245	89.3	13.604	.0	1480.6	6890.4	4.8
830.0	824.0	4.273	4.209	34.365	27.259	31.081	27.252	88.6	13.693	.0	1480.7	7025.6	6.6
840.0	833.9	4.257	4.193	34.369	27.264	31.133	27.258	88.2	13.781	.0	1480.8	7161.6	6.0
850.0	843.8	4.235	4.170	34.375	27.271	31.186	27.264	87.6	13.870	.0	1480.9	7298.4	10.4
860.0	853.7	4.193	4.128	34.381	27.281	31.242	27.274	86.8	13.957	.0	1480.9	7436.1	13.9
870.0	863.5	4.161	4.095	34.389	27.290	31.297	27.283	85.9	14.043	.0	1481.0	7574.7	1.1
880.0	873.5	4.180	4.113	34.397	27.295	31.347	27.288	85.6	14.129	.0	1481.2	7714.1	6.0
890.0	883.3	4.127	4.059	34.401	27.303	31.403	27.296	84.8	14.214	.0	1481.2	7854.4	4.3
900.0	893.2	4.089	4.021	34.405	27.310	31.456	27.303	84.1	14.298	.0	1481.2	7995.4	7.5
910.0	903.1	4.029	3.961	34.408	27.319	31.512	27.312	83.3	14.382	.0	1481.1	8137.4	8.4
920.0	913.0	4.014	3.944	34.414	27.326	31.564	27.318	82.7	14.465	.0	1481.2	8280.1	9.3
930.0	922.9	3.971	3.901	34.419	27.334	31.619	27.327	81.9	14.547	.0	1481.2	8423.6	8.7
940.0	932.8	3.940	3.870	34.421	27.339	31.670	27.331	81.5	14.629	.0	1481.2	8567.9	4.6
950.0	942.7	3.915	3.844	34.422	27.342	31.720	27.335	81.2	14.710	.0	1481.3	8713.1	5.8
960.0	952.6	3.874	3.802	34.425	27.349	31.774	27.342	80.5	14.791	.0	1481.3	8859.0	3.7
970.0	962.5	3.853	3.781	34.431	27.356	31.826	27.348	80.0	14.871	.0	1481.4	9005.7	4.3
980.0	972.4	3.828	3.756	34.434	27.361	31.878	27.354	79.5	14.951	.0	1481.4	9153.2	8.7
990.0	982.3	3.825	3.751	34.442	27.368	31.930	27.361	79.0	15.030	.0	1481.6	9301.5	.5

Station 76 Latitude 32° 10.83'N Longitude 128° 32.15'W 04 May 1991 GMT 15:24 Bottom 4440 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.807	3.733	34.445	27.372	31.981	27.365	78.6	15.109	.0	1481.7	9450.6	3.4
1020.0	1012.0	3.769	3.694	34.452	27.381	32.082	27.374	77.8	15.266	.0	1481.9	9751.0	4.6
1040.0	1031.7	3.687	3.611	34.457	27.394	32.187	27.386	76.7	15.420	.0	1481.9	10054.5	3.7
1060.0	1051.5	3.637	3.560	34.466	27.406	32.292	27.398	75.6	15.573	.0	1482.0	10360.9	5.8
1080.0	1071.3	3.635	3.555	34.475	27.414	32.391	27.406	75.0	15.723	.0	1482.3	10670.3	1.7
1100.0	1091.1	3.599	3.518	34.480	27.421	32.491	27.413	74.4	15.873	.0	1482.5	10982.7	2.0
1120.0	1110.8	3.554	3.472	34.485	27.429	32.591	27.421	73.7	16.021	.0	1482.6	11298.0	2.6
1140.0	1130.6	3.493	3.410	34.490	27.439	32.694	27.431	72.7	16.167	.0	1482.7	11616.1	4.1
1160.0	1150.4	3.451	3.367	34.493	27.446	32.793	27.438	72.1	16.312	.0	1482.9	11937.1	5.0
1180.0	1170.1	3.409	3.323	34.498	27.454	32.893	27.446	71.4	16.455	.0	1483.0	12260.9	3.8
1200.0	1189.9	3.371	3.284	34.502	27.461	32.993	27.453	70.8	16.597	.0	1483.2	12587.5	5.9
1220.0	1209.7	3.330	3.241	34.507	27.469	33.092	27.460	70.1	16.738	.0	1483.4	12916.9	4.1
1240.0	1229.4	3.287	3.197	34.510	27.476	33.191	27.467	69.5	16.878	.0	1483.5	13249.0	3.3
1260.0	1249.2	3.234	3.144	34.515	27.485	33.293	27.476	68.7	17.016	.0	1483.6	13583.8	3.0
1280.0	1268.9	3.198	3.106	34.520	27.492	33.392	27.483	68.0	17.153	.0	1483.8	13921.3	6.8
1300.0	1288.7	3.151	3.058	34.525	27.500	33.493	27.492	67.2	17.288	.0	1484.0	14261.4	5.9
1320.0	1308.4	3.097	3.003	34.529	27.509	33.595	27.500	66.4	17.421	.0	1484.1	14604.2	5.6
1340.0	1328.2	3.063	2.967	34.531	27.514	33.692	27.505	66.0	17.554	.0	1484.3	14949.5	5.6
1360.0	1347.9	3.022	2.926	34.534	27.520	33.790	27.511	65.4	17.685	.0	1484.4	15297.5	1.8
1380.0	1367.7	2.977	2.879	34.538	27.528	33.890	27.519	64.7	17.815	.0	1484.6	15647.9	1.9
1400.0	1387.4	2.943	2.844	34.542	27.533	33.988	27.524	64.2	17.944	.0	1484.8	16000.9	1.9
1420.0	1407.1	2.899	2.799	34.546	27.541	34.088	27.531	63.5	18.071	.0	1484.9	16356.4	5.1
1440.0	1426.9	2.879	2.777	34.549	27.545	34.184	27.536	63.1	18.198	.0	1485.2	16714.3	4.8
1460.0	1446.6	2.843	2.740	34.552	27.551	34.282	27.542	62.6	18.323	.0	1485.3	17074.7	5.7
1480.0	1466.3	2.814	2.710	34.554	27.555	34.378	27.546	62.2	18.448	.0	1485.5	17437.5	2.2
1500.0	1486.1	2.790	2.685	34.559	27.561	34.476	27.552	61.7	18.572	.0	1485.8	17802.8	2.5
1520.0	1505.8	2.765	2.658	34.561	27.565	34.571	27.556	61.4	18.695	.0	1486.0	18170.4	3.4
1540.0	1525.5	2.731	2.623	34.564	27.571	34.668	27.561	60.9	18.817	.0	1486.2	18540.5	3.4
1560.0	1545.3	2.689	2.579	34.567	27.577	34.767	27.567	60.2	18.939	.0	1486.4	18912.9	4.6
1580.0	1565.0	2.666	2.556	34.568	27.580	34.862	27.570	60.0	19.059	.0	1486.6	19287.6	2.0
1600.0	1584.7	2.634	2.522	34.571	27.585	34.959	27.575	59.5	19.178	.0	1486.8	19664.7	4.6
1620.0	1604.4	2.604	2.491	34.574	27.590	35.055	27.580	59.1	19.297	.0	1487.0	20044.1	2.0
1640.0	1624.2	2.572	2.458	34.576	27.595	35.152	27.585	58.6	19.414	.0	1487.2	20425.8	1.4
1660.0	1643.9	2.539	2.423	34.579	27.600	35.249	27.590	58.1	19.531	.0	1487.4	20809.7	2.0
1680.0	1663.6	2.507	2.390	34.582	27.605	35.346	27.595	57.6	19.647	.0	1487.6	21195.9	1.7
1700.0	1683.3	2.469	2.351	34.585	27.611	35.444	27.601	57.1	19.761	.0	1487.8	21584.4	4.4
1720.0	1703.0	2.434	2.315	34.588	27.616	35.541	27.606	56.5	19.875	.0	1488.0	21975.0	1.5
1740.0	1722.7	2.412	2.292	34.589	27.619	35.636	27.609	56.3	19.988	.0	1488.2	22367.8	1.2
1760.0	1742.4	2.378	2.256	34.593	27.625	35.734	27.615	55.7	20.100	.0	1488.4	22762.9	3.0
1780.0	1762.1	2.340	2.217	34.595	27.630	35.831	27.620	55.2	20.211	.0	1488.6	23160.0	1.8
1800.0	1781.8	2.315	2.190	34.597	27.633	35.926	27.623	54.8	20.321	.0	1488.8	23559.4	1.5
1820.0	1801.5	2.293	2.168	34.599	27.637	36.021	27.627	54.5	20.430	.0	1489.0	23960.8	1.2
1840.0	1821.2	2.281	2.154	34.600	27.639	36.114	27.629	54.4	20.539	.0	1489.3	24364.3	3.6
1860.0	1840.9	2.248	2.119	34.604	27.645	36.211	27.634	53.8	20.647	.0	1489.5	24770.0	3.9
1880.0	1860.6	2.223	2.093	34.606	27.649	36.307	27.638	53.4	20.754	.0	1489.7	25177.7	1.0
1900.0	1880.3	2.199	2.068	34.608	27.652	36.402	27.642	53.1	20.861	.0	1490.0	25587.5	3.0
1920.0	1900.0	2.177	2.045	34.610	27.656	36.496	27.645	52.8	20.967	.0	1490.2	25999.3	1.0
1940.0	1919.7	2.156	2.022	34.612	27.659	36.591	27.648	52.4	21.072	.0	1490.5	26413.2	.7
1960.0	1939.4	2.140	2.004	34.613	27.661	36.684	27.650	52.3	21.177	.0	1490.7	26829.2	.5
1980.0	1959.1	2.114	1.978	34.615	27.665	36.780	27.654	51.9	21.281	.0	1490.9	27247.1	2.2
2000.0	1978.8	2.090	1.952	34.618	27.669	36.875	27.658	51.5	21.385	.0	1491.2	27667.0	-.4
2050.0	2028.0	2.049	1.908	34.622	27.676	37.109	27.665	50.9	21.641	.0	1491.8	28725.5	.8
2096.0	2073.2	2.016	1.871	34.625	27.682	37.324	27.670	50.4	21.874	.0	1492.5	29710.2	.0

Station 77 Latitude 32° 24.39'N Longitude 128° 25.62'W 04 May 1991 GMT 18:06 Bottom 4375 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	15.540	15.540	33.269	24.520	24.520	24.520	340.5	.000	.0	1507.0	.0	.0
10.0	10.0	15.466	15.465	33.271	24.539	24.583	24.538	339.0	.340	.0	1506.9	1.7	44.7
20.0	19.9	15.415	15.412	33.294	24.568	24.656	24.567	336.5	.677	.0	1506.9	6.8	8.4
30.0	29.9	15.384	15.380	33.296	24.576	24.709	24.576	336.0	1.013	.0	1507.0	15.2	9.3
40.0	39.8	15.341	15.335	33.292	24.583	24.759	24.582	335.7	1.349	.0	1507.0	27.0	6.4
50.0	49.8	14.908	14.901	33.244	24.641	24.862	24.639	330.4	1.684	.0	1505.8	42.1	143.9
60.0	59.8	14.419	14.410	33.167	24.686	24.952	24.684	326.4	2.012	.0	1504.2	60.5	41.3
70.0	69.7	14.292	14.282	33.181	24.723	25.033	24.721	323.1	2.336	.0	1504.0	82.1	24.3
80.0	79.7	14.545	14.534	33.275	24.743	25.097	24.740	321.6	2.658	.0	1505.1	107.0	11.5
90.0	89.7	14.609	14.596	33.328	24.771	25.169	24.768	319.2	2.979	.0	1505.5	135.1	59.3
100.0	99.6	14.657	14.642	33.413	24.826	25.268	24.823	314.3	3.295	.0	1506.0	166.3	73.1
110.0	109.6	14.697	14.681	33.552	24.925	25.411	24.922	305.2	3.604	.0	1506.4	200.7	129.9
120.0	119.5	13.899	13.882	33.482	25.040	25.571	25.036	294.4	3.902	.0	1503.9	238.0	28.1
130.0	129.5	12.584	12.567	33.428	25.260	25.840	25.257	273.4	4.187	.0	1499.6	278.3	161.7
140.0	139.4	11.774	11.756	33.383	25.379	26.006	25.376	262.1	4.453	.0	1496.9	321.3	35.1
150.0	149.4	10.935	10.917	33.365	25.517	26.191	25.514	249.0	4.709	.0	1494.1	366.9	64.5
160.0	159.3	10.556	10.538	33.369	25.587	26.307	25.584	242.5	4.955	.0	1492.9	415.0	64.4
170.0	169.3	10.131	10.112	33.358	25.652	26.418	25.648	236.4	5.194	.0	1491.5	465.4	68.7
180.0	179.2	9.766	9.746	33.435	25.772	26.585	25.769	225.1	5.425	.0	1490.4	518.3	86.5
190.0	189.2	9.531	9.510	33.486	25.851	26.709	25.847	217.7	5.645	.0	1489.8	573.3	100.3
200.0	199.1	9.292	9.270	33.564	25.951	26.855	25.948	208.3	5.857	.0	1489.2	630.5	136.2
210.0	209.0	9.143	9.121	33.624	26.022	26.972	26.018	201.8	6.061	.0	1488.9	689.7	34.6
220.0	219.0	8.992	8.968	33.696	26.103	27.098	26.099	194.3	6.259	.0	1488.6	751.0	16.7
230.0	228.9	8.918	8.893	33.725	26.137	27.178	26.133	191.1	6.452	.0	1488.5	814.1	85.5
240.0	238.9	8.754	8.729	33.801	26.222	27.309	26.218	183.3	6.639	.0	1488.1	879.2	39.5
250.0	248.8	8.645	8.619	33.846	26.274	27.407	26.270	178.4	6.820	.0	1487.9	946.1	41.0
260.0	258.7	8.585	8.558	33.903	26.328	27.507	26.324	173.5	6.996	.0	1488.0	1014.7	104.0
270.0	268.7	8.381	8.353	33.936	26.386	27.611	26.382	168.1	7.166	.0	1487.4	1085.1	41.5
280.0	278.6	8.274	8.245	33.986	26.441	27.712	26.437	163.0	7.331	.0	1487.2	1157.1	30.7
290.0	288.5	8.062	8.033	33.993	26.478	27.795	26.474	159.5	7.492	.0	1486.6	1230.7	16.9
300.0	298.5	7.784	7.754	33.994	26.520	27.885	26.516	155.6	7.650	.0	1485.7	1305.9	33.8
310.0	308.4	7.623	7.593	34.002	26.550	27.961	26.545	152.8	7.804	.0	1485.2	1382.6	28.2
320.0	318.3	7.548	7.517	34.008	26.566	28.022	26.561	151.4	7.956	.0	1485.1	1460.9	26.5
330.0	328.3	7.427	7.396	34.012	26.586	28.089	26.581	149.6	8.107	.0	1484.8	1540.6	43.7
340.0	338.2	7.204	7.172	34.018	26.622	28.172	26.617	146.2	8.254	.0	1484.1	1621.9	17.9
350.0	348.1	7.122	7.089	34.034	26.646	28.242	26.641	144.0	8.400	.0	1484.0	1704.5	18.2
360.0	358.0	7.038	7.004	34.043	26.665	28.307	26.660	142.4	8.543	.0	1483.8	1788.6	26.4
370.0	368.0	6.912	6.878	34.053	26.690	28.378	26.685	140.0	8.684	.0	1483.5	1874.1	12.0
380.0	377.9	6.674	6.640	34.035	26.707	28.444	26.702	138.3	8.823	.0	1482.7	1961.0	9.1
390.0	387.8	6.535	6.499	34.027	26.720	28.503	26.715	137.2	8.961	.0	1482.3	2049.3	21.6
400.0	397.8	6.397	6.362	34.016	26.729	28.559	26.724	136.3	9.098	.0	1481.9	2138.9	19.3
410.0	407.7	6.305	6.268	34.015	26.741	28.618	26.736	135.3	9.234	.0	1481.7	2229.9	6.7
420.0	417.6	6.258	6.221	34.017	26.748	28.671	26.743	134.7	9.369	.0	1481.7	2322.2	17.8
430.0	427.5	6.147	6.109	34.024	26.768	28.737	26.763	132.8	9.502	.0	1481.4	2415.8	19.2
440.0	437.4	6.060	6.022	34.039	26.790	28.806	26.785	130.8	9.634	.0	1481.2	2510.8	28.9
450.0	447.4	5.981	5.942	34.043	26.804	28.867	26.799	129.5	9.764	.0	1481.1	2607.0	13.9
460.0	457.3	5.929	5.889	34.045	26.812	28.921	26.807	128.8	9.893	.0	1481.0	2704.5	-2.5
470.0	467.2	5.999	5.958	34.069	26.822	28.976	26.817	128.1	10.022	.0	1481.5	2803.3	21.3
480.0	477.1	5.806	5.766	34.054	26.834	29.036	26.829	126.9	10.149	.0	1480.9	2903.4	6.0
490.0	487.0	5.784	5.742	34.057	26.840	29.087	26.835	126.5	10.276	.0	1480.9	3004.7	9.3
500.0	497.0	5.762	5.719	34.066	26.850	29.143	26.845	125.6	10.402	.0	1481.0	3107.2	14.5
510.0	506.9	5.680	5.637	34.070	26.863	29.203	26.858	124.4	10.527	.0	1480.9	3211.0	18.0
520.0	516.8	5.483	5.440	34.073	26.889	29.277	26.883	121.9	10.650	.0	1480.2	3316.0	6.9
530.0	526.7	5.528	5.484	34.091	26.898	29.331	26.893	121.2	10.772	.0	1480.6	3422.2	19.2
540.0	536.6	5.388	5.344	34.087	26.911	29.392	26.906	119.9	10.892	.0	1480.2	3529.7	20.3
550.0	546.5	5.333	5.288	34.102	26.930	29.457	26.925	118.1	11.011	.0	1480.2	3638.3	18.0
560.0	556.5	5.215	5.169	34.103	26.945	29.519	26.939	116.7	11.128	.0	1479.8	3748.0	18.3
570.0	566.4	5.226	5.180	34.120	26.957	29.576	26.951	115.7	11.245	.0	1480.1	3858.9	21.5
580.0	576.3	5.088	5.042	34.123	26.975	29.642	26.970	113.9	11.359	.0	1479.7	3971.0	4.2
590.0	586.2	5.028	4.981	34.131	26.988	29.702	26.983	112.7	11.473	.0	1479.6	4084.2	3.9
600.0	596.1	5.068	5.020	34.152	27.000	29.759	26.995	111.8	11.585	.0	1480.0	4198.5	9.5
610.0	606.0	5.084	5.035	34.172	27.015	29.819	27.010	110.5	11.696	.0	1480.2	4313.8	16.2
620.0	616.0	5.193	5.142	34.210	27.032	29.880	27.026	109.2	11.806	.0	1480.9	4430.3	14.5
630.0	625.9	5.244	5.192	34.240	27.050	29.943	27.044	107.7	11.914	.0	1481.3	4547.9	5.8
640.0	635.8	5.153	5.101	34.243	27.063	30.003	27.057	106.5	12.021	.0	1481.1	4666.5	13.9
650.0	645.7	5.138	5.085	34.253	27.073	30.059	27.067	105.6	12.127	.0	1481.2	4786.1	.8
660.0	655.6	4.937	4.885	34.239	27.086	30.120	27.080	104.3	12.232	.0	1480.5	4906.8	9.8
670.0	665.5	4.936	4.882	34.257	27.100	30.180	27.093	103.1	12.336	.0	1480.7	5028.6	16.0
680.0	675.4	4.883	4.829	34.268	27.115	30.241	27.108	101.7	12.438	.0	1480.7	5151.3	17.4
690.0	685.3	4.842	4.787	34.280	27.128	30.301	27.122	100.4	12.539	.0	1480.7	5275.0	19.2
700.0	695.2	4.758	4.703	34.285	27.142	30.362	27.136	99.1	12.639	.0	1480.5	5399.7	16.5
710.0	705.1	4.737	4.681	34.294	27.152	30.418	27.145	98.3	12.738	.0	1480.6	5525.4	8.1
720.0	715.0	4.640	4.583	34.300	27.167	30.480	27.161	96.8	12.835	.0	1480.4	5652.1	7.5
730.0	724.9	4.592	4.535	34.299	27.171	30.531	27.165	96.4	12.932	.0	1480.3	5779.7	7.5
740.0	734.8	4.518	4.460	34.302	27.182	30.589	27.176	95.4	13.028	.0	1480.2	5908.3	10.7
750.0	744.7	4.478	4.421	34.310	27.193	30.646	27.187	94.4	13.122	.0	1480.2	6037.8	15.1
760.0	754.7	4.469	4.410	34.322	27.204	30.703	27.198	93.5	13.216	.0	1480.3	6168.2	6.3
770.0	764.5	4.438	4.378	34.330	27.213	30.759	27.207	92.6	13.309	.0	1480.4	6299.5	9.5
780.0	774.5	4.412	4.352	34.343	27.227	30.818	27.220	91.4	13.401	.0	1480.5	6431.8	.7
790.0	784.4	4.371	4.310	34.348	27.235	30.873	27.228	90.7	13.492	.0	1480.5	6564.9	4.5
800.0	794.3	4.351	4.290	34.362	27.249	30.933	27.242	89.4	13.583	.0	1480.6	6699.0	9.2
810.0	804.2	4.268	4.207	34.362	27.257	30.989	27.251	88.6	13.672	.0	1480.4	6833.9	7.5
820.0	814.1	4.255	4.192	34.367	27.263	31.040	27.256	88.1	13.760	.0	1480.5	6969.7	10.1
830.0	824.0	4.235	4.172	34.369	27.267	31.090	27.260	87.8	13.848	.0	1480.6	7106.3	-2.5
840.0	833.9	4.221	4.157	34.375	27.273	31.142	27.266	87.3	13.936	.0	1480.7	7243.9	11.9
850.0	843.8	4.192	4.128	34.383	27.282	31.198	27.275	86.5	14.022	.0	1480.7	7382.2	11.6
860.0	853.7	4.164	4.099	34.389	27.290	31.252	27.283	85.8	14.108	.0	1480.8	7521.5	12.8
870.0	863.5	4.123	4.058	34.393	27.297	31.305	27.290	85.1	14.194	.0	1480.8	7661.5	8.1
880.0	873.5	4.094	4.028	34.396	27.303	31.358	27.296	84.6	14.278	.0	1480.8	7802.4	3.7
890.0	883.3	4.083	4.016	34.402	27.309	31.409	27.302	84.2	14.363	.0	1481.0	7944.1	7.2
900.0	893.2	4.065	3.997	34.404	27.313	31.459	27.306	83.8	14.447	.0	1481.1	8086.7	6.3
910.0	903.1	4.071	4.003	34.418	27.323	31.514	27.316	83.0	14.530	.0	1481.3	8230.1	4.6
920.0	913.0	3.994	3.925	34.415	27.329	31.568	27.322	82.4	14.613	.0	1481.1	8374.2	1.1
930.0	922.9	3.978	3.909	34.422	27.336	31.621	27.329	81.8	14.695	.0	1481.2	8519.2	7.5
940.0	932.8	3.955	3.885	34.425	27.341	31.672	27.334	81.3	14.776	.0	1481.3	8665.0	6.9
950.0	942.7	3.932	3.861	34.430	27.347	31.725	27.340	80.8	14.858	.0	1481.4	8811.6	.2
960.0	952.6	3.919	3.847	34.433	27.351	31.774	27.343	80.5	14.938	.0	1481.5	8959.0	7.2
970.0	962.5	3.884	3.811	34.434	27.355	31.825	27.348	80.1	15.019	.0	1481.5	9107.2	4.6
980.0	972.4	3.846	3.773	34.436	27.361	31.877	27.354	79.6	15.099	.0	1481.5	9256.1	6.7
990.0	982.3	3.814	3.741	34.438	27.366	31.928	27.358	79.1	15.178	.0	1481.5	9405.9	6.9

Station 77 Latitude 32° 24.39'N Longitude 128° 25.62'W 04 May 1991 GMT 18:06 Bottom 4375 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.777	3.703	34.445	27.375	31.984	27.368	78.2	15.256	.0	1481.6	9556.4	6.1
1020.0	1012.0	3.724	3.648	34.451	27.385	32.087	27.378	77.4	15.412	.0	1481.7	9859.7	7.2
1040.0	1031.7	3.670	3.593	34.456	27.395	32.189	27.387	76.5	15.566	.0	1481.8	10166.0	7.3
1060.0	1051.5	3.631	3.553	34.461	27.403	32.289	27.395	75.8	15.718	.0	1481.9	10475.4	5.8
1080.0	1071.3	3.589	3.510	34.470	27.414	32.393	27.406	74.8	15.869	.0	1482.1	10787.7	3.8
1100.0	1091.1	3.544	3.464	34.479	27.425	32.496	27.417	73.8	16.018	.0	1482.3	11102.9	1.1
1120.0	1110.8	3.508	3.426	34.483	27.432	32.596	27.424	73.2	16.165	.0	1482.4	11421.0	4.1
1140.0	1130.6	3.465	3.382	34.489	27.441	32.697	27.433	72.4	16.311	.0	1482.6	11742.0	3.8
1160.0	1150.4	3.417	3.333	34.494	27.450	32.798	27.442	71.6	16.455	.0	1482.7	12065.9	6.1
1180.0	1170.1	3.377	3.291	34.501	27.460	32.900	27.451	70.8	16.597	.0	1482.9	12392.5	4.7
1200.0	1189.9	3.331	3.244	34.505	27.468	33.000	27.459	70.1	16.738	.0	1483.0	12721.9	2.6
1220.0	1209.6	3.283	3.196	34.510	27.476	33.101	27.468	69.3	16.878	.0	1483.2	13054.0	2.6
1240.0	1229.4	3.247	3.158	34.514	27.482	33.200	27.474	68.8	17.016	.0	1483.4	13388.8	5.3
1260.0	1249.2	3.202	3.111	34.519	27.491	33.301	27.483	68.0	17.153	.0	1483.5	13726.3	5.9
1280.0	1268.9	3.163	3.072	34.524	27.499	33.401	27.490	67.2	17.288	.0	1483.7	14066.5	2.7
1300.0	1288.7	3.123	3.031	34.528	27.505	33.499	27.497	66.7	17.422	.0	1483.9	14409.3	1.2
1320.0	1308.4	3.098	3.003	34.529	27.509	33.595	27.501	66.4	17.555	.0	1484.1	14754.7	4.8
1340.0	1328.2	3.065	2.970	34.532	27.515	33.693	27.506	65.9	17.687	.0	1484.3	15102.6	2.4
1360.0	1347.9	3.020	2.924	34.537	27.522	33.792	27.513	65.2	17.818	.0	1484.4	15453.2	5.1
1380.0	1367.7	2.986	2.888	34.538	27.527	33.889	27.518	64.8	17.948	.0	1484.6	15806.3	.4
1400.0	1387.4	2.968	2.869	34.541	27.531	33.985	27.522	64.5	18.077	.0	1484.9	16161.9	6.3
1420.0	1407.1	2.912	2.812	34.545	27.539	34.086	27.530	63.7	18.205	.0	1485.0	16520.0	3.9
1440.0	1426.9	2.874	2.772	34.549	27.545	34.184	27.536	63.1	18.332	.0	1485.1	16880.6	4.8
1460.0	1446.6	2.840	2.737	34.551	27.550	34.281	27.541	62.6	18.458	.0	1485.3	17243.6	5.7
1480.0	1466.3	2.805	2.701	34.556	27.557	34.380	27.548	62.0	18.583	.0	1485.5	17609.1	2.5
1500.0	1486.1	2.780	2.675	34.557	27.560	34.475	27.551	61.7	18.706	.0	1485.7	17977.0	5.7
1520.0	1505.8	2.736	2.629	34.562	27.569	34.576	27.559	61.0	18.829	.0	1485.9	18347.3	5.2
1540.0	1525.5	2.701	2.593	34.564	27.573	34.672	27.564	60.5	18.951	.0	1486.1	18720.0	5.7
1560.0	1545.3	2.678	2.569	34.566	27.577	34.767	27.567	60.2	19.071	.0	1486.3	19095.0	4.6
1580.0	1565.0	2.640	2.530	34.569	27.583	34.866	27.573	59.6	19.191	.0	1486.5	19472.3	.5
1600.0	1584.7	2.611	2.499	34.573	27.589	34.964	27.579	59.1	19.310	.0	1486.7	19852.0	6.4
1620.0	1604.4	2.579	2.466	34.575	27.593	35.060	27.583	58.7	19.427	.0	1486.9	20234.0	4.0
1640.0	1624.1	2.544	2.430	34.579	27.599	35.158	27.590	58.1	19.544	.0	1487.1	20618.2	.2
1660.0	1643.9	2.526	2.410	34.580	27.602	35.252	27.592	57.9	19.660	.0	1487.3	21004.7	.8
1680.0	1663.6	2.498	2.381	34.583	27.607	35.348	27.597	57.4	19.775	.0	1487.6	21393.4	3.8
1700.0	1683.3	2.469	2.351	34.586	27.611	35.445	27.602	57.0	19.890	.0	1487.8	21784.4	.6
1720.0	1703.0	2.445	2.325	34.588	27.615	35.540	27.605	56.7	20.003	.0	1488.0	22177.5	7.6
1740.0	1722.7	2.409	2.289	34.591	27.621	35.638	27.611	56.1	20.116	.0	1488.2	22572.9	2.6
1760.0	1742.4	2.379	2.257	34.593	27.625	35.734	27.615	55.7	20.228	.0	1488.4	22970.4	6.5
1780.0	1762.1	2.338	2.215	34.597	27.632	35.833	27.622	55.0	20.339	.0	1488.5	23370.1	3.6
1800.0	1781.8	2.320	2.196	34.598	27.634	35.926	27.624	54.8	20.448	.0	1488.8	23771.9	1.5
1820.0	1801.5	2.296	2.170	34.600	27.638	36.022	27.628	54.4	20.558	.0	1489.0	24175.9	1.8
1840.0	1821.2	2.267	2.140	34.602	27.642	36.117	27.632	54.1	20.666	.0	1489.3	24581.9	3.0
1860.0	1840.9	2.244	2.116	34.604	27.645	36.212	27.635	53.7	20.774	.0	1489.5	24990.1	1.8
1880.0	1860.6	2.214	2.085	34.608	27.650	36.309	27.640	53.2	20.881	.0	1489.7	25400.3	.7
1900.0	1880.3	2.199	2.068	34.608	27.653	36.402	27.642	53.1	20.987	.0	1490.0	25812.6	.7
1920.0	1900.0	2.180	2.047	34.610	27.656	36.497	27.645	52.8	21.093	.0	1490.2	26226.9	2.5
1940.0	1919.7	2.171	2.036	34.611	27.657	36.588	27.646	52.7	21.199	.0	1490.5	26643.2	1.6
1960.0	1939.4	2.152	2.016	34.612	27.660	36.682	27.649	52.5	21.304	.0	1490.8	27061.6	1.6
1980.0	1959.1	2.135	1.998	34.615	27.663	36.777	27.652	52.2	21.408	.0	1491.0	27482.1	1.4
2000.0	1978.8	2.111	1.972	34.617	27.667	36.872	27.656	51.8	21.512	.0	1491.3	27904.5	-.4
2050.0	2027.9	2.078	1.936	34.620	27.673	37.104	27.661	51.4	21.771	.0	1492.0	28969.3	.5
2094.0	2071.2	2.045	1.900	34.624	27.678	37.310	27.667	50.9	21.996	.0	1492.6	29916.6	.0

Station 78 Latitude 32° 38.04'N Longitude 128° 18.54'W 04 May 1991 GMT 20:57 Bottom 4400 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.361	15.361	33.168	24.482	24.482	24.482	344.1	.000	.0	1506.3	.0	.0
10.0	10.0	14.928	14.926	33.142	24.557	24.601	24.556	337.3	.342	.0	1505.0	1.7	59.5
20.0	19.9	14.896	14.893	33.143	24.564	24.653	24.564	336.9	.679	.0	1505.1	6.8	-1.1
30.0	29.9	14.872	14.867	33.148	24.574	24.707	24.573	336.2	1.015	.0	1505.2	15.2	3.0
40.0	39.8	14.757	14.752	33.181	24.624	24.801	24.623	331.7	1.350	.0	1505.0	27.0	46.7
50.0	49.8	14.773	14.765	33.254	24.678	24.899	24.676	326.9	1.679	.0	1505.3	42.1	22.1
60.0	59.8	14.806	14.797	33.289	24.697	24.962	24.695	325.4	2.005	.0	1505.6	60.5	18.0
70.0	69.7	14.801	14.791	33.301	24.708	25.017	24.706	324.7	2.330	.0	1505.8	82.0	20.6
80.0	79.7	14.767	14.755	33.331	24.739	25.092	24.736	322.0	2.653	.0	1505.9	106.9	7.5
90.0	89.7	14.529	14.516	33.284	24.754	25.152	24.751	320.8	2.974	.0	1505.2	134.9	12.7
100.0	99.6	14.333	14.319	33.256	24.774	25.216	24.771	319.2	3.294	.0	1504.7	166.1	35.8
110.0	109.6	14.333	14.317	33.306	24.813	25.299	24.810	315.8	3.612	.0	1505.0	200.5	49.6
120.0	119.5	13.708	13.691	33.271	24.916	25.448	24.912	306.1	3.925	.0	1503.0	238.0	209.4
130.0	129.5	12.092	12.075	33.081	25.085	25.666	25.082	289.9	4.222	.0	1497.5	278.6	112.4
140.0	139.4	10.910	10.893	33.049	25.276	25.905	25.273	271.6	4.504	.0	1493.5	322.0	156.4
150.0	149.4	10.174	10.157	33.143	25.476	26.153	25.473	252.6	4.767	.0	1491.1	368.1	238.8
160.0	159.3	9.679	9.661	33.242	25.636	26.358	25.633	237.6	5.010	.0	1489.6	416.8	94.1
170.0	169.3	9.436	9.417	33.366	25.773	26.542	25.770	224.7	5.241	.0	1489.0	467.8	99.6
180.0	179.2	9.361	9.342	33.505	25.894	26.708	25.890	213.4	5.460	.0	1489.0	521.0	27.3
190.0	189.2	9.348	9.327	33.667	26.022	26.881	26.019	201.4	5.669	.0	1489.4	576.3	115.8
200.0	199.1	9.287	9.266	33.739	26.089	26.993	26.085	195.3	5.868	.0	1489.4	633.7	55.4
210.0	209.0	9.251	9.228	33.781	26.128	27.077	26.124	191.8	6.061	.0	1489.5	693.0	27.6
220.0	219.0	9.180	9.157	33.847	26.191	27.186	26.187	186.0	6.250	.0	1489.5	754.1	70.7
230.0	228.9	9.069	9.044	33.911	26.259	27.299	26.255	179.7	6.433	.0	1489.3	817.2	55.7
240.0	238.9	8.993	8.967	33.944	26.297	27.382	26.292	176.3	6.612	.0	1489.2	882.0	61.0
250.0	248.8	8.735	8.708	33.968	26.356	27.489	26.352	170.7	6.785	.0	1488.4	948.5	26.7
260.0	258.7	8.639	8.612	33.982	26.382	27.560	26.377	168.5	6.955	.0	1488.3	1016.8	29.9
270.0	268.7	8.481	8.453	34.008	26.427	27.651	26.423	164.3	7.121	.0	1487.9	1086.7	66.2
280.0	278.6	8.300	8.271	34.026	26.468	27.739	26.464	160.4	7.283	.0	1487.4	1158.2	24.6
290.0	288.5	8.187	8.157	34.048	26.503	27.819	26.498	157.3	7.442	.0	1487.1	1231.4	39.8
300.0	298.5	8.011	7.981	34.052	26.532	27.895	26.528	154.6	7.597	.0	1486.6	1306.1	28.6
310.0	308.4	7.870	7.839	34.055	26.555	27.964	26.551	152.5	7.751	.0	1486.2	1382.3	22.4
320.0	318.3	7.761	7.729	34.061	26.576	28.031	26.571	150.6	7.903	.0	1486.0	1460.0	32.4
330.0	328.2	7.724	7.692	34.083	26.599	28.100	26.594	148.6	8.052	.0	1486.0	1539.2	8.1
340.0	338.2	7.554	7.521	34.084	26.625	28.172	26.620	146.2	8.200	.0	1485.5	1619.9	40.6
350.0	348.1	7.427	7.394	34.083	26.642	28.235	26.637	144.7	8.345	.0	1485.2	1702.0	16.5
360.0	358.0	7.303	7.268	34.075	26.653	28.293	26.648	143.7	8.489	.0	1484.9	1785.6	11.8
370.0	368.0	7.171	7.136	34.074	26.670	28.357	26.666	142.1	8.632	.0	1484.5	1870.6	20.6
380.0	377.9	7.084	7.049	34.073	26.682	28.415	26.677	141.1	8.774	.0	1484.4	1957.0	7.7
390.0	387.8	6.980	6.944	34.070	26.694	28.473	26.689	140.0	8.914	.0	1484.1	2044.7	13.0
400.0	397.7	6.689	6.652	34.053	26.720	28.547	26.715	137.5	9.053	.0	1483.1	2133.9	29.0
410.0	407.7	6.629	6.592	34.059	26.733	28.606	26.728	136.3	9.190	.0	1483.0	2224.4	18.5
420.0	417.6	6.447	6.409	34.053	26.752	28.673	26.747	134.5	9.325	.0	1482.5	2316.3	22.2
430.0	427.5	6.349	6.311	34.062	26.772	28.739	26.767	132.7	9.459	.0	1482.2	2409.5	11.4
440.0	437.4	6.277	6.239	34.067	26.785	28.799	26.781	131.4	9.590	.0	1482.1	2504.0	1.1
450.0	447.4	6.156	6.116	34.072	26.805	28.865	26.800	129.7	9.722	.0	1481.8	2599.8	37.1
460.0	457.3	6.110	6.070	34.079	26.816	28.923	26.811	128.7	9.851	.0	1481.8	2696.9	21.0
470.0	467.2	5.942	5.902	34.074	26.833	28.987	26.828	127.0	9.979	.0	1481.3	2795.3	33.0
480.0	477.1	5.824	5.783	34.067	26.843	29.044	26.837	126.1	10.105	.0	1481.0	2894.9	19.2
490.0	487.0	5.699	5.657	34.065	26.856	29.105	26.851	124.8	10.230	.0	1480.6	2995.7	13.3
500.0	497.0	5.586	5.544	34.071	26.875	29.170	26.870	123.0	10.354	.0	1480.3	3097.8	14.8
510.0	506.9	5.481	5.439	34.075	26.891	29.233	26.886	121.5	10.476	.0	1480.1	3201.1	13.9
520.0	516.8	5.422	5.379	34.086	26.907	29.295	26.902	120.1	10.597	.0	1480.0	3305.6	13.3
530.0	526.7	5.347	5.303	34.096	26.924	29.359	26.919	118.6	10.716	.0	1479.9	3411.3	2.5
540.0	536.6	5.310	5.266	34.098	26.930	29.411	26.924	118.0	10.834	.0	1479.9	3518.1	15.3
550.0	546.5	5.204	5.160	34.101	26.944	29.473	26.939	116.6	10.952	.0	1479.6	3626.2	17.1
560.0	556.5	5.247	5.202	34.126	26.959	29.532	26.954	115.5	11.068	.0	1480.0	3735.3	18.6
570.0	566.4	5.299	5.253	34.152	26.973	29.592	26.968	114.3	11.183	.0	1480.4	3845.6	15.1
580.0	576.3	5.243	5.196	34.163	26.989	29.654	26.984	112.8	11.296	.0	1480.4	3957.1	11.0
590.0	586.2	5.173	5.125	34.172	27.004	29.716	26.999	111.4	11.408	.0	1480.3	4069.6	9.5
600.0	596.1	4.873	4.825	34.147	27.019	29.781	27.013	109.8	11.519	.0	1479.1	4183.2	8.9
610.0	606.0	5.044	4.995	34.188	27.032	29.837	27.027	108.9	11.628	.0	1480.1	4297.9	8.3
620.0	615.9	5.017	4.967	34.196	27.042	29.893	27.036	108.0	11.736	.0	1480.1	4413.7	13.6
630.0	625.8	4.947	4.897	34.205	27.057	29.954	27.051	106.6	11.844	.0	1480.0	4530.6	23.3
640.0	635.8	4.896	4.845	34.218	27.073	30.017	27.067	105.2	11.949	.0	1480.0	4648.5	14.8
650.0	645.7	4.852	4.801	34.229	27.087	30.077	27.081	103.9	12.054	.0	1480.0	4767.4	15.9
660.0	655.6	4.819	4.766	34.230	27.091	30.128	27.085	103.5	12.158	.0	1480.0	4887.4	7.1
670.0	665.5	4.826	4.773	34.242	27.100	30.182	27.094	102.8	12.261	.0	1480.2	5008.3	16.8
680.0	675.4	4.790	4.736	34.249	27.110	30.238	27.104	102.0	12.363	.0	1480.3	5130.3	12.1
690.0	685.3	4.759	4.704	34.260	27.122	30.296	27.116	100.9	12.465	.0	1480.3	5253.3	12.1
700.0	695.2	4.715	4.660	34.269	27.134	30.355	27.128	99.8	12.565	.0	1480.3	5377.3	1.9
710.0	705.1	4.683	4.627	34.275	27.142	30.410	27.136	99.1	12.664	.0	1480.3	5502.3	12.7
720.0	715.0	4.544	4.488	34.273	27.156	30.472	27.150	97.6	12.762	.0	1479.9	5628.2	2.5
730.0	724.9	4.540	4.484	34.281	27.163	30.524	27.157	97.1	12.860	.0	1480.1	5755.1	11.8
740.0	734.8	4.524	4.466	34.296	27.177	30.584	27.171	95.9	12.956	.0	1480.2	5883.0	10.7
750.0	744.7	4.519	4.461	34.306	27.186	30.638	27.179	95.2	13.052	.0	1480.4	6011.8	10.7
760.0	754.6	4.490	4.431	34.312	27.194	30.692	27.187	94.5	13.147	.0	1480.4	6141.5	6.3
770.0	764.5	4.442	4.382	34.318	27.203	30.749	27.197	93.6	13.241	.0	1480.4	6272.1	10.7
780.0	774.4	4.440	4.380	34.326	27.210	30.801	27.204	93.0	13.334	.0	1480.6	6403.7	3.4
790.0	784.3	4.417	4.356	34.335	27.220	30.857	27.213	92.2	13.426	.0	1480.6	6536.2	2.2
800.0	794.2	4.386	4.325	34.341	27.228	30.911	27.221	91.5	13.518	.0	1480.7	6669.6	6.3
810.0	804.1	4.365	4.302	34.347	27.235	30.964	27.228	90.9	13.610	.0	1480.8	6803.9	8.7
820.0	814.0	4.353	4.290	34.351	27.240	31.015	27.233	90.5	13.700	.0	1480.9	6939.1	9.8
830.0	823.9	4.256	4.193	34.348	27.247	31.070	27.241	89.7	13.790	.0	1480.6	7075.2	8.4
840.0	833.8	4.221	4.157	34.356	27.258	31.127	27.251	88.7	13.880	.0	1480.7	7212.1	13.0
850.0	843.7	4.195	4.130	34.359	27.263	31.178	27.256	88.3	13.968	.0	1480.7	7349.9	10.4
860.0	853.6	4.158	4.093	34.363	27.270	31.232	27.263	87.7	14.056	.0	1480.7	7488.6	6.6
870.0	863.5	4.128	4.063	34.371	27.279	31.287	27.272	86.8	14.143	.0	1480.8	7628.2	14.5
880.0	873.4	4.107	4.041	34.375	27.285	31.339	27.278	86.4	14.230	.0	1480.9	7768.6	6.9
890.0	883.3	4.085	4.018	34.382	27.293	31.393	27.286	85.6	14.316	.0	1481.0	7909.8	6.3
900.0	893.2	4.129	4.060	34.395	27.299	31.444	27.292	85.3	14.401	.0	1481.3	8051.9	3.4
910.0	903.1	4.155	4.086	34.406	27.305	31.495	27.298	84.8	14.486	.0	1481.6	8194.9	2.3
920.0	913.0	4.087	4.017	34.403	27.309	31.546	27.302	84.4	14.571	.0	1481.5	8338.6	5.2
930.0	922.9	4.033	3.963	34.409	27.320	31.603	27.312	83.4	14.655	.0	1481.4	8483.2	7.5
940.0	932.8	4.000	3.930	34.413	27.327	31.657	27.320	82.7	14.738	.0	1481.5	8628.6	12.5
950.0	942.7	3.965	3.894	34.417	27.333	31.710	27.326	82.2	14.821	.0	1481.5	8774.8	6.7
960.0	952.6	3.935	3.864	34.421	27.340	31.763	27.332	81.6	14.902	.0	1481.5	8921.9	4.3
970.0	962.5	3.895	3.823	34.422	27.345	31.814	27.337	81.1	14.984	.0	1481.5	9069.7	8.4
980.0	972.4	3.901	3.828	34.430	27.350	31.865	27.343	80.7	15.065	.0	1481.7	9218.3	5.8
990.0	982.3	3.891	3.817	34.435	27.356	31.916	27.348	80.3	15.145	.0	1481.9	9367.7	2.9

Station 78 Latitude 32° 38.04'N Longitude 128° 18.54'W 04 May 1991 GMT 20:57 Bottom 4400 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.853	3.778	34.439	27.362	31.970	27.355	79.6	15.225	.0	1481.9	9517.9	8.7
1020.0	1011.9	3.790	3.714	34.443	27.373	32.072	27.365	78.7	15.384	.0	1481.9	9820.6	6.1
1040.0	1031.7	3.724	3.647	34.450	27.385	32.178	27.377	77.6	15.540	.0	1482.0	10126.4	4.0
1060.0	1051.5	3.677	3.599	34.456	27.394	32.279	27.386	76.8	15.694	.0	1482.1	10435.3	3.5
1080.0	1071.3	3.635	3.556	34.464	27.404	32.382	27.396	75.9	15.847	.0	1482.3	10747.1	5.8
1100.0	1091.0	3.608	3.527	34.473	27.415	32.484	27.407	75.0	15.998	.0	1482.5	11061.9	6.7
1120.0	1110.8	3.568	3.486	34.478	27.423	32.584	27.415	74.3	16.147	.0	1482.7	11379.7	5.0
1140.0	1130.6	3.496	3.413	34.482	27.433	32.688	27.425	73.3	16.295	.0	1482.7	11700.3	6.7
1160.0	1150.3	3.454	3.369	34.488	27.442	32.789	27.434	72.5	16.441	.0	1482.9	12023.9	5.3
1180.0	1170.1	3.430	3.344	34.497	27.451	32.890	27.443	71.7	16.585	.0	1483.1	12350.2	10.3
1200.0	1189.9	3.376	3.289	34.503	27.462	32.993	27.453	70.8	16.727	.0	1483.2	12679.4	3.2
1220.0	1209.6	3.323	3.235	34.507	27.470	33.094	27.462	70.0	16.868	.0	1483.3	13011.3	3.2
1240.0	1229.4	3.265	3.176	34.511	27.479	33.195	27.470	69.2	17.007	.0	1483.4	13345.9	6.8
1260.0	1249.1	3.204	3.114	34.516	27.489	33.298	27.480	68.2	17.145	.0	1483.5	13683.3	2.4
1280.0	1268.9	3.160	3.069	34.520	27.496	33.398	27.487	67.5	17.280	.0	1483.7	14023.3	4.7
1300.0	1288.6	3.137	3.044	34.525	27.502	33.495	27.493	67.0	17.415	.0	1483.9	14365.9	4.4
1320.0	1308.4	3.107	3.013	34.528	27.507	33.593	27.498	66.6	17.549	.0	1484.1	14711.2	6.5
1340.0	1328.1	3.064	2.969	34.532	27.514	33.692	27.506	66.0	17.681	.0	1484.3	15059.0	3.6
1360.0	1347.9	3.029	2.932	34.535	27.520	33.790	27.511	65.4	17.813	.0	1484.5	15409.5	4.5
1380.0	1367.6	2.992	2.894	34.538	27.526	33.888	27.517	64.9	17.943	.0	1484.6	15762.4	.4
1400.0	1387.4	2.976	2.876	34.540	27.529	33.982	27.520	64.7	18.072	.0	1484.9	16117.9	3.0
1420.0	1407.1	2.943	2.842	34.543	27.535	34.080	27.526	64.2	18.201	.0	1485.1	16475.9	2.8
1440.0	1426.8	2.903	2.801	34.546	27.540	34.178	27.531	63.7	18.329	.0	1485.3	16836.5	6.9
1460.0	1446.6	2.865	2.762	34.549	27.547	34.277	27.538	63.1	18.456	.0	1485.4	17199.4	2.5
1480.0	1466.3	2.834	2.730	34.552	27.552	34.374	27.542	62.6	18.582	.0	1485.6	17564.9	.4
1500.0	1486.0	2.802	2.697	34.555	27.557	34.471	27.548	62.2	18.707	.0	1485.8	17932.8	4.9
1520.0	1505.8	2.766	2.659	34.558	27.563	34.569	27.553	61.6	18.830	.0	1486.0	18303.1	.2
1540.0	1525.5	2.735	2.627	34.562	27.568	34.666	27.559	61.1	18.953	.0	1486.2	18675.8	-1.0
1560.0	1545.2	2.716	2.606	34.564	27.572	34.761	27.563	60.8	19.075	.0	1486.5	19050.9	1.1
1580.0	1564.9	2.675	2.565	34.568	27.579	34.861	27.570	60.1	19.196	.0	1486.6	19428.3	2.6
1600.0	1584.7	2.629	2.517	34.572	27.586	34.960	27.576	59.4	19.315	.0	1486.8	19808.0	7.5
1620.0	1604.4	2.596	2.483	34.574	27.591	35.057	27.581	58.9	19.434	.0	1487.0	20190.1	1.1
1640.0	1624.1	2.561	2.447	34.578	27.597	35.155	27.587	58.4	19.551	.0	1487.2	20574.5	3.5
1660.0	1643.8	2.534	2.419	34.580	27.601	35.251	27.591	58.0	19.667	.0	1487.4	20961.1	4.4
1680.0	1663.5	2.511	2.394	34.583	27.605	35.346	27.596	57.6	19.783	.0	1487.6	21350.0	4.4
1700.0	1683.3	2.483	2.364	34.584	27.609	35.442	27.599	57.3	19.898	.0	1487.8	21741.1	2.6
1720.0	1703.0	2.450	2.330	34.587	27.614	35.539	27.604	56.8	20.012	.0	1488.0	22134.4	2.9
1740.0	1722.7	2.429	2.308	34.589	27.618	35.634	27.608	56.5	20.125	.0	1488.3	22529.9	3.5
1760.0	1742.4	2.392	2.270	34.592	27.623	35.731	27.613	55.9	20.237	.0	1488.4	22927.6	2.4
1780.0	1762.1	2.371	2.247	34.594	27.626	35.826	27.616	55.6	20.349	.0	1488.7	23327.5	1.8
1800.0	1781.8	2.359	2.234	34.595	27.628	35.919	27.618	55.5	20.460	.0	1489.0	23729.5	3.3
1820.0	1801.5	2.332	2.205	34.598	27.633	36.015	27.622	55.1	20.571	.0	1489.2	24133.7	.7
1840.0	1821.2	2.311	2.183	34.599	27.636	36.109	27.625	54.8	20.681	.0	1489.4	24540.0	.1
1860.0	1840.9	2.284	2.155	34.602	27.640	36.205	27.630	54.4	20.790	.0	1489.7	24948.4	3.0
1880.0	1860.6	2.257	2.127	34.604	27.644	36.301	27.634	54.0	20.898	.0	1489.9	25358.9	.4
1900.0	1880.3	2.239	2.108	34.606	27.647	36.395	27.637	53.7	21.006	.0	1490.1	25771.6	.7
1920.0	1900.0	2.217	2.083	34.607	27.650	36.489	27.640	53.4	21.113	.0	1490.4	26186.3	1.6
1940.0	1919.7	2.195	2.061	34.610	27.654	36.584	27.643	53.1	21.219	.0	1490.6	26603.0	4.6
1960.0	1939.3	2.175	2.039	34.611	27.657	36.678	27.646	52.8	21.325	.0	1490.9	27021.8	1.0
1980.0	1959.0	2.162	2.025	34.613	27.660	36.772	27.649	52.6	21.431	.0	1491.2	27442.7	-.1
2000.0	1978.7	2.141	2.002	34.614	27.663	36.866	27.652	52.4	21.536	.0	1491.4	27865.5	3.4
2050.0	2027.9	2.091	1.949	34.618	27.670	37.101	27.659	51.7	21.796	.0	1492.0	28931.6	1.1
2096.0	2073.2	2.054	1.909	34.623	27.677	37.316	27.665	51.1	22.032	.0	1492.6	29923.3	.0

Station 79 Latitude 32° 51.90'N Longitude 128° 11.50'W 04 May 1991 GMT 23:51 Bottom 4580 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.912	15.912	33.175	24.365	24.365	24.365	355.2	.000	.0	1508.0	.0	.0
10.0	10.0	15.038	15.037	33.142	24.532	24.576	24.532	339.6	.348	.0	1505.4	1.8	8.9
20.0	19.9	14.975	14.972	33.135	24.541	24.629	24.540	339.1	.687	.0	1505.3	6.9	9.8
30.0	29.9	14.944	14.939	33.132	24.546	24.679	24.545	338.8	1.026	.0	1505.4	15.4	5.4
40.0	39.8	14.921	14.915	33.132	24.552	24.728	24.550	338.7	1.365	.0	1505.5	27.4	7.2
50.0	49.8	14.577	14.570	33.176	24.659	24.880	24.657	328.7	1.700	.0	1504.6	42.6	84.1
60.0	59.8	14.541	14.532	33.192	24.680	24.945	24.678	327.0	2.028	.0	1504.7	61.2	8.3
70.0	69.7	14.402	14.392	33.189	24.707	25.016	24.705	324.7	2.354	.0	1504.4	83.0	31.4
80.0	79.7	14.284	14.273	33.179	24.724	25.078	24.721	323.4	2.678	.0	1504.2	108.1	3.0
90.0	89.7	14.236	14.224	33.192	24.745	25.143	24.742	321.6	3.000	.0	1504.2	136.4	16.2
100.0	99.6	14.264	14.250	33.224	24.763	25.206	24.760	320.2	3.321	.0	1504.5	167.8	22.6
110.0	109.6	14.316	14.300	33.254	24.776	25.263	24.772	319.3	3.641	.0	1504.8	202.5	42.3
120.0	119.5	13.596	13.580	33.183	24.871	25.403	24.867	310.4	3.956	.0	1502.5	240.3	180.9
130.0	129.5	12.590	12.573	33.190	25.075	25.655	25.072	290.9	4.257	.0	1499.3	281.2	196.3
140.0	139.4	11.002	10.985	33.039	25.252	25.881	25.249	274.0	4.539	.0	1493.8	325.0	150.9
150.0	149.4	10.409	10.391	33.104	25.406	26.081	25.403	259.4	4.805	.0	1491.9	371.5	82.8
160.0	159.3	10.165	10.147	33.212	25.532	26.253	25.529	247.6	5.059	.0	1491.3	420.6	110.3
170.0	169.3	10.042	10.023	33.327	25.642	26.408	25.639	237.3	5.302	.0	1491.2	472.1	68.7
180.0	179.2	9.718	9.698	33.439	25.784	26.597	25.781	223.9	5.534	.0	1490.3	526.0	179.7
190.0	189.2	9.770	9.748	33.642	25.934	26.791	25.930	210.0	5.750	.0	1490.9	582.1	113.5
200.0	199.1	9.626	9.604	33.735	26.030	26.933	26.027	201.0	5.955	.0	1490.6	640.3	33.2
210.0	209.0	9.552	9.528	33.774	26.073	27.021	26.070	197.1	6.154	.0	1490.6	700.5	47.6
220.0	219.0	9.381	9.357	33.829	26.144	27.138	26.140	190.5	6.348	.0	1490.2	762.6	34.4
230.0	228.9	9.356	9.331	33.848	26.164	27.202	26.160	188.9	6.538	.0	1490.3	826.7	34.7
240.0	238.9	9.288	9.262	33.887	26.205	27.290	26.201	185.1	6.726	.0	1490.2	892.6	59.6
250.0	248.8	9.078	9.051	33.957	26.294	27.424	26.289	176.8	6.906	.0	1489.7	960.3	58.1
260.0	258.7	8.918	8.890	33.978	26.335	27.512	26.331	173.0	7.081	.0	1489.3	1029.8	19.4
270.0	268.7	8.822	8.793	33.992	26.361	27.583	26.357	170.7	7.253	.0	1489.1	1101.0	62.2
280.0	278.6	8.684	8.654	34.021	26.406	27.674	26.402	166.6	7.422	.0	1488.8	1173.9	24.9
290.0	288.5	8.619	8.589	34.035	26.427	27.740	26.422	164.8	7.587	.0	1488.7	1248.4	4.4
300.0	298.5	8.529	8.498	34.052	26.455	27.814	26.450	162.2	7.751	.0	1488.6	1324.6	38.4
310.0	308.4	8.330	8.298	34.077	26.504	27.910	26.500	157.6	7.911	.0	1488.0	1402.4	49.8
320.0	318.3	8.278	8.245	34.084	26.518	27.969	26.513	156.5	8.068	.0	1488.0	1481.7	33.4
330.0	328.3	8.082	8.048	34.089	26.551	28.049	26.546	153.4	8.223	.0	1487.4	1562.6	52.1
340.0	338.2	7.851	7.817	34.089	26.586	28.131	26.581	150.1	8.375	.0	1486.7	1645.0	27.5
350.0	348.1	7.735	7.700	34.090	26.603	28.194	26.598	148.6	8.524	.0	1486.4	1728.9	13.7
360.0	358.0	7.667	7.632	34.092	26.615	28.252	26.610	147.6	8.672	.0	1486.3	1814.3	36.2
370.0	368.0	7.495	7.459	34.088	26.637	28.321	26.632	145.5	8.818	.0	1485.8	1901.1	23.6
380.0	377.9	7.279	7.243	34.082	26.662	28.393	26.657	143.1	8.962	.0	1485.1	1989.3	17.4
390.0	387.8	7.220	7.182	34.082	26.670	28.447	26.665	142.5	9.105	.0	1485.1	2079.0	12.1
400.0	397.8	7.122	7.084	34.081	26.684	28.507	26.678	141.3	9.247	.0	1484.8	2170.1	16.8
410.0	407.7	6.774	6.736	34.049	26.706	28.578	26.701	139.0	9.387	.0	1483.6	2262.5	22.3
420.0	417.6	6.607	6.569	34.049	26.728	28.647	26.723	136.9	9.526	.0	1483.1	2356.4	36.0
430.0	427.5	6.525	6.487	34.044	26.735	28.701	26.730	136.3	9.662	.0	1482.9	2451.6	19.0
440.0	437.4	6.466	6.427	34.056	26.752	28.764	26.747	134.8	9.798	.0	1482.9	2548.1	16.4
450.0	447.4	6.414	6.374	34.073	26.772	28.830	26.767	133.0	9.932	.0	1482.8	2646.0	6.4
460.0	457.3	6.324	6.283	34.078	26.788	28.892	26.783	131.5	10.064	.0	1482.7	2745.2	19.3
470.0	467.2	6.185	6.144	34.068	26.798	28.949	26.793	130.6	10.195	.0	1482.3	2845.7	6.1
480.0	477.1	6.084	6.043	34.062	26.806	29.004	26.801	129.8	10.325	.0	1482.0	2947.5	11.7
490.0	487.0	6.300	6.257	34.110	26.817	29.058	26.811	129.2	10.455	.0	1483.1	3050.6	8.8
500.0	497.0	6.221	6.177	34.116	26.831	29.119	26.826	127.9	10.583	.0	1483.0	3154.9	5.0
510.0	506.9	6.033	5.989	34.092	26.836	29.172	26.831	127.3	10.711	.0	1482.3	3260.5	5.8
520.0	516.8	6.100	6.054	34.120	26.850	29.230	26.845	126.3	10.838	.0	1482.8	3367.4	13.5
530.0	526.7	5.885	5.840	34.102	26.863	29.291	26.858	124.9	10.963	.0	1482.1	3475.5	13.7
540.0	536.6	5.691	5.645	34.102	26.888	29.364	26.882	122.5	11.087	.0	1481.5	3584.8	17.8
550.0	546.5	5.685	5.639	34.129	26.910	29.431	26.904	120.6	11.208	.0	1481.6	3695.3	10.2
560.0	556.5	5.602	5.555	34.130	26.920	29.489	26.915	119.6	11.328	.0	1481.5	3807.1	9.6
570.0	566.4	5.589	5.541	34.152	26.939	29.553	26.933	117.9	11.447	.0	1481.6	3920.0	13.7
580.0	576.3	5.650	5.601	34.179	26.954	29.612	26.948	116.8	11.564	.0	1482.0	4034.0	19.9
590.0	586.2	5.527	5.477	34.186	26.974	29.680	26.968	114.8	11.680	.0	1481.7	4149.3	14.0
600.0	596.1	5.505	5.455	34.203	26.990	29.742	26.984	113.4	11.794	.0	1481.8	4265.6	21.3
610.0	606.0	5.439	5.388	34.213	27.006	29.805	27.000	111.9	11.907	.0	1481.7	4383.1	19.3
620.0	615.9	5.405	5.353	34.224	27.019	29.864	27.013	110.8	12.018	.0	1481.8	4501.7	17.2
630.0	625.8	5.331	5.279	34.237	27.038	29.929	27.032	109.0	12.128	.0	1481.6	4621.3	9.6
640.0	635.8	5.254	5.201	34.234	27.045	29.983	27.039	108.4	12.237	.0	1481.5	4742.0	17.5
650.0	645.7	5.139	5.086	34.232	27.056	30.042	27.050	107.2	12.344	.0	1481.2	4863.8	3.7
660.0	655.6	5.110	5.057	34.243	27.069	30.100	27.062	106.1	12.451	.0	1481.2	4986.7	8.1
670.0	665.5	5.080	5.025	34.250	27.078	30.155	27.071	105.4	12.557	.0	1481.3	5110.6	9.6
680.0	675.4	5.052	4.997	34.259	27.088	30.212	27.082	104.4	12.662	.0	1481.4	5235.5	11.6
690.0	685.3	5.023	4.968	34.267	27.098	30.268	27.092	103.6	12.766	.0	1481.4	5361.5	13.7
700.0	695.2	4.951	4.895	34.276	27.113	30.330	27.107	102.2	12.868	.0	1481.3	5488.5	12.5
710.0	705.1	4.927	4.870	34.292	27.129	30.392	27.123	100.7	12.970	.0	1481.4	5616.5	18.7
720.0	715.0	4.784	4.727	34.287	27.141	30.452	27.135	99.5	13.070	.0	1480.9	5745.4	14.8
730.0	724.9	4.770	4.713	34.294	27.149	30.505	27.142	98.9	13.169	.0	1481.1	5875.4	14.8
740.0	734.8	4.655	4.597	34.297	27.164	30.568	27.157	97.4	13.268	.0	1480.7	6006.3	22.4
750.0	744.7	4.549	4.491	34.289	27.169	30.621	27.162	96.8	13.365	.0	1480.5	6138.2	5.7
760.0	754.6	4.505	4.446	34.296	27.179	30.677	27.172	95.9	13.461	.0	1480.4	6271.0	6.6
770.0	764.5	4.457	4.398	34.306	27.192	30.737	27.185	94.7	13.556	.0	1480.4	6404.8	8.1
780.0	774.5	4.419	4.359	34.314	27.203	30.794	27.196	93.7	13.650	.0	1480.4	6539.5	1.9
790.0	784.3	4.345	4.285	34.317	27.213	30.851	27.206	92.7	13.744	.0	1480.3	6675.1	17.7
800.0	794.3	4.313	4.252	34.326	27.224	30.909	27.217	91.7	13.836	.0	1480.4	6811.7	2.2
810.0	804.2	4.250	4.188	34.326	27.231	30.962	27.224	91.0	13.927	.0	1480.3	6949.1	5.4
820.0	814.0	4.246	4.184	34.331	27.235	31.013	27.229	90.7	14.018	.0	1480.4	7087.4	7.8
830.0	824.0	4.253	4.189	34.342	27.243	31.066	27.236	90.1	14.108	.0	1480.6	7226.7	9.8
840.0	833.8	4.231	4.167	34.348	27.250	31.119	27.243	89.5	14.198	.0	1480.7	7366.8	18.6
850.0	843.8	4.203	4.138	34.356	27.259	31.175	27.253	88.6	14.287	.0	1480.8	7507.8	9.0
860.0	853.7	4.171	4.106	34.368	27.273	31.234	27.266	87.4	14.375	.0	1480.8	7649.6	6.0
870.0	863.5	4.154	4.088	34.371	27.277	31.285	27.270	87.1	14.462	.0	1480.9	7792.3	2.2
880.0	873.4	4.123	4.056	34.376	27.284	31.338	27.277	86.4	14.549	.0	1480.9	7935.9	10.1
890.0	883.3	4.099	4.032	34.383	27.292	31.392	27.285	85.8	14.635	.0	1481.0	8080.3	4.6
900.0	893.2	4.101	4.033	34.389	27.297	31.442	27.290	85.4	14.721	.0	1481.2	8225.5	7.8
910.0	903.1	4.085	4.016	34.395	27.303	31.494	27.296	84.9	14.806	.0	1481.3	8371.6	12.5
920.0	913.0	4.046	3.977	34.400	27.311	31.549	27.304	84.1	14.891	.0	1481.3	8518.5	5.8
930.0	922.9	4.032	3.962	34.405	27.316	31.600	27.309	83.7	14.974	.0	1481.4	8666.3	8.4
940.0	932.8	3.992	3.921	34.412	27.327	31.657	27.319	82.7	15.057	.0	1481.4	8814.8	-.4
950.0	942.7	3.945	3.874	34.414	27.333	31.710	27.325	82.2	15.140	.0	1481.4	8964.2	10.2
960.0	952.6	3.942	3.870	34.419	27.337	31.760	27.330	81.9	15.222	.0	1481.6	9114.4	2.8
970.0	962.5	3.940	3.867	34.428	27.345	31.813	27.338	81.2	15.304	.0	1481.7	9265.4	5.2
980.0	972.4	3.921	3.847	34.432	27.350	31.864	27.342	80.8	15.385	.0	1481.8	9417.2	4.3
990.0	982.3	3.911	3.837	34.436	27.354	31.915	27.347	80.4	15.465	.0	1481.9	9569.7	7.0

Station 79 Latitude 32° 51.90'N Longitude 128° 11.50'W 04 May 1991 GMT 23:51 Bottom 4580 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.886	3.811	34.442	27.361	31.968	27.354	79.8	15.545	.0	1482.0	9723.1	12.8
1020.0	1011.9	3.824	3.749	34.450	27.375	32.074	27.367	78.6	15.703	.0	1482.1	10032.1	1.4
1040.0	1031.7	3.795	3.717	34.459	27.384	32.175	27.377	77.8	15.860	.0	1482.3	10344.3	.8
1060.0	1051.5	3.742	3.664	34.466	27.396	32.279	27.388	76.8	16.015	.0	1482.4	10659.4	4.7
1080.0	1071.3	3.697	3.617	34.472	27.405	32.381	27.397	76.0	16.167	.0	1482.6	10977.6	5.5
1100.0	1091.0	3.643	3.562	34.479	27.416	32.484	27.408	75.0	16.319	.0	1482.7	11298.8	6.4
1120.0	1110.8	3.575	3.493	34.480	27.424	32.585	27.416	74.2	16.468	.0	1482.7	11622.8	.0
1140.0	1130.6	3.523	3.440	34.483	27.431	32.684	27.423	73.6	16.615	.0	1482.8	11949.8	4.4
1160.0	1150.3	3.494	3.409	34.489	27.439	32.784	27.430	72.9	16.762	.0	1483.1	12279.7	3.8
1180.0	1170.1	3.440	3.354	34.492	27.447	32.885	27.438	72.2	16.907	.0	1483.2	12612.4	6.5
1200.0	1189.9	3.383	3.296	34.496	27.455	32.986	27.447	71.4	17.050	.0	1483.3	12947.9	2.1
1220.0	1209.6	3.359	3.271	34.500	27.461	33.084	27.453	70.9	17.193	.0	1483.5	13286.2	3.0
1240.0	1229.4	3.332	3.242	34.504	27.467	33.181	27.458	70.5	17.334	.0	1483.7	13627.3	5.0
1260.0	1249.1	3.290	3.199	34.509	27.475	33.282	27.466	69.8	17.474	.0	1483.9	13971.1	2.4
1280.0	1268.9	3.259	3.166	34.514	27.482	33.380	27.473	69.2	17.613	.0	1484.1	14317.6	2.7
1300.0	1288.6	3.224	3.130	34.516	27.487	33.477	27.478	68.8	17.751	.0	1484.3	14666.9	-.5
1320.0	1308.4	3.181	3.086	34.521	27.494	33.577	27.486	68.0	17.888	.0	1484.4	15018.8	5.4
1340.0	1328.1	3.143	3.047	34.526	27.502	33.678	27.494	67.3	18.023	.0	1484.6	15373.4	4.2
1360.0	1347.9	3.115	3.017	34.532	27.510	33.777	27.501	66.7	18.157	.0	1484.8	15730.6	2.7
1380.0	1367.6	3.086	2.987	34.535	27.515	33.874	27.506	66.2	18.290	.0	1485.0	16090.4	2.5
1400.0	1387.4	3.032	2.932	34.536	27.521	33.972	27.512	65.6	18.422	.0	1485.1	16452.8	1.0
1420.0	1407.1	3.014	2.913	34.536	27.523	34.066	27.514	65.5	18.553	.0	1485.4	16817.7	1.6
1440.0	1426.8	2.989	2.886	34.540	27.528	34.163	27.519	65.1	18.684	.0	1485.6	17185.2	2.2
1460.0	1446.6	2.945	2.842	34.544	27.535	34.262	27.526	64.4	18.813	.0	1485.8	17555.2	4.0
1480.0	1466.3	2.899	2.794	34.547	27.542	34.362	27.533	63.7	18.941	.0	1485.9	17927.7	1.6
1500.0	1486.1	2.869	2.763	34.553	27.549	34.460	27.540	63.1	19.068	.0	1486.1	18302.7	6.3
1520.0	1505.8	2.820	2.713	34.557	27.557	34.561	27.548	62.3	19.193	.0	1486.2	18680.1	-.7
1540.0	1525.5	2.776	2.668	34.559	27.563	34.659	27.553	61.8	19.317	.0	1486.4	19060.0	3.4
1560.0	1545.2	2.719	2.609	34.561	27.569	34.758	27.560	61.0	19.440	.0	1486.5	19442.3	9.0
1580.0	1565.0	2.658	2.548	34.566	27.579	34.861	27.569	60.1	19.561	.0	1486.6	19826.9	-3.3
1600.0	1584.7	2.618	2.506	34.568	27.584	34.958	27.574	59.6	19.681	.0	1486.7	20213.9	-.1
1620.0	1604.4	2.592	2.479	34.570	27.588	35.054	27.578	59.2	19.800	.0	1486.9	20603.2	5.2
1640.0	1624.1	2.563	2.448	34.574	27.594	35.152	27.584	58.7	19.918	.0	1487.2	20994.7	3.5
1660.0	1643.8	2.535	2.420	34.576	27.598	35.248	27.588	58.3	20.035	.0	1487.4	21388.6	2.9
1680.0	1663.6	2.519	2.401	34.581	27.603	35.344	27.593	57.9	20.151	.0	1487.6	21784.7	3.5
1700.0	1683.3	2.497	2.379	34.583	27.607	35.439	27.597	57.5	20.266	.0	1487.9	22183.1	-1.2
1720.0	1703.0	2.467	2.347	34.587	27.613	35.537	27.603	57.0	20.381	.0	1488.1	22583.6	3.8
1740.0	1722.7	2.435	2.314	34.588	27.617	35.632	27.606	56.6	20.494	.0	1488.3	22986.4	.3
1760.0	1742.4	2.418	2.295	34.590	27.619	35.726	27.609	56.4	20.608	.0	1488.6	23391.4	2.7
1780.0	1762.1	2.391	2.267	34.593	27.624	35.822	27.613	56.0	20.720	.0	1488.8	23798.6	1.8
1800.0	1781.8	2.366	2.241	34.595	27.628	35.918	27.617	55.6	20.831	.0	1489.0	24207.9	-2.6
1820.0	1801.5	2.342	2.216	34.596	27.631	36.012	27.620	55.3	20.943	.0	1489.2	24619.4	2.1
1840.0	1821.2	2.325	2.197	34.598	27.634	36.106	27.623	55.1	21.053	.0	1489.5	25033.1	1.3
1860.0	1840.9	2.298	2.169	34.600	27.638	36.202	27.627	54.7	21.163	.0	1489.7	25448.8	7.7
1880.0	1860.6	2.264	2.134	34.603	27.643	36.299	27.632	54.2	21.272	.0	1489.9	25866.7	.1
1900.0	1880.3	2.248	2.116	34.604	27.645	36.392	27.634	54.0	21.380	.0	1490.2	26286.7	2.8
1920.0	1900.0	2.224	2.091	34.606	27.649	36.487	27.638	53.6	21.487	.0	1490.4	26708.7	1.3
1940.0	1919.7	2.207	2.072	34.608	27.652	36.581	27.641	53.4	21.594	.0	1490.7	27132.8	4.0
1960.0	1939.3	2.185	2.049	34.610	27.655	36.676	27.644	53.0	21.701	.0	1490.9	27559.0	.8
1980.0	1959.0	2.161	2.023	34.612	27.659	36.771	27.648	52.7	21.807	.0	1491.1	27987.3	2.8
2000.0	1978.7	2.138	2.000	34.614	27.663	36.866	27.652	52.3	21.912	.0	1491.4	28417.5	4.3
2050.0	2027.9	2.091	1.949	34.619	27.670	37.101	27.659	51.6	22.172	.0	1492.0	29502.0	.8
2094.0	2071.2	2.055	1.910	34.622	27.676	37.307	27.665	51.1	22.398	.0	1492.6	30466.7	.0

Station 80 Latitude 33° 05.35'N Longitude 128° 04.89'W 04 May 1991 GMT 2:35 Bottom 4550 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.055	15.055	33.201	24.574	24.574	24.574	335.3	.000	.0	1505.4	.0	.0
10.0	10.0	14.946	14.945	33.196	24.594	24.638	24.594	333.7	.335	.0	1505.2	1.7	11.8
20.0	19.9	14.904	14.901	33.196	24.604	24.692	24.603	333.1	.668	.0	1505.2	6.7	6.3
30.0	29.9	14.883	14.879	33.199	24.611	24.743	24.610	332.8	1.001	.0	1505.3	15.0	6.0
40.0	39.8	14.868	14.862	33.199	24.614	24.791	24.613	332.7	1.334	.0	1505.4	26.6	9.5
50.0	49.8	14.593	14.586	33.196	24.671	24.892	24.670	327.5	1.664	.0	1504.7	41.5	66.6
60.0	59.8	14.374	14.365	33.190	24.713	24.979	24.711	323.8	1.990	.0	1504.1	59.7	31.4
70.0	69.7	14.239	14.229	33.193	24.744	25.054	24.742	321.1	2.312	.0	1503.9	81.2	26.7
80.0	79.7	14.078	14.067	33.207	24.789	25.143	24.786	317.2	2.632	.0	1503.5	105.8	61.2
90.0	89.7	13.252	13.239	33.135	24.902	25.302	24.899	306.5	2.945	.0	1500.8	133.6	143.9
100.0	99.6	11.955	11.942	33.022	25.065	25.512	25.062	291.1	3.245	.0	1496.4	164.4	182.9
110.0	109.6	11.745	11.731	33.137	25.193	25.685	25.190	279.1	3.531	.0	1496.0	198.1	191.1
120.0	119.5	10.713	10.699	33.106	25.355	25.894	25.352	263.7	3.801	.0	1492.5	234.6	62.6
130.0	129.5	10.254	10.240	33.196	25.503	26.090	25.501	249.7	4.058	.0	1491.1	273.7	86.3
140.0	139.4	10.191	10.175	33.383	25.660	26.291	25.657	235.0	4.301	.0	1491.3	315.3	250.3
150.0	149.4	10.198	10.180	33.554	25.793	26.468	25.790	222.7	4.529	.0	1491.7	359.2	89.2
160.0	159.3	10.225	10.206	33.685	25.890	26.611	25.887	213.6	4.747	.0	1492.1	405.4	150.2
170.0	169.2	10.117	10.097	33.752	25.962	26.727	25.958	207.0	4.958	.0	1492.0	453.6	34.5
180.0	179.2	10.012	9.991	33.792	26.011	26.822	26.007	202.6	5.163	.0	1491.8	503.9	33.3
190.0	189.1	9.876	9.855	33.835	26.067	26.924	26.064	197.4	5.364	.0	1491.5	556.3	53.5
200.0	199.1	9.783	9.761	33.859	26.101	27.003	26.097	194.4	5.560	.0	1491.4	610.6	36.8
210.0	209.0	9.647	9.623	33.900	26.156	27.104	26.153	189.3	5.752	.0	1491.1	666.8	54.9
220.0	218.9	9.534	9.509	33.936	26.203	27.196	26.199	185.0	5.939	.0	1490.9	724.9	66.9
230.0	228.9	9.447	9.422	33.953	26.231	27.269	26.227	182.6	6.122	.0	1490.8	784.8	13.0
240.0	238.8	9.349	9.323	33.971	26.261	27.345	26.257	179.9	6.304	.0	1490.6	846.5	29.7
250.0	248.8	9.288	9.261	33.992	26.287	27.416	26.283	177.5	6.483	.0	1490.5	910.1	38.8
260.0	258.7	9.028	9.000	33.986	26.324	27.500	26.320	174.1	6.659	.0	1489.7	975.4	3.3
270.0	268.6	8.931	8.902	33.987	26.340	27.562	26.336	172.7	6.832	.0	1489.5	1042.4	39.6
280.0	278.5	8.840	8.810	34.000	26.366	27.633	26.361	170.5	7.004	.0	1489.4	1111.1	47.2
290.0	288.5	8.738	8.708	34.015	26.393	27.706	26.388	168.0	7.173	.0	1489.2	1181.5	13.5
300.0	298.4	8.671	8.640	34.025	26.411	27.769	26.406	166.5	7.340	.0	1489.1	1253.6	6.8
310.0	308.4	8.604	8.572	34.033	26.428	27.832	26.423	165.0	7.506	.0	1489.0	1327.3	5.9
320.0	318.3	8.558	8.525	34.036	26.438	27.887	26.433	164.2	7.670	.0	1489.0	1402.7	20.0
330.0	328.2	8.470	8.436	34.049	26.462	27.957	26.457	162.1	7.833	.0	1488.8	1479.7	12.4
340.0	338.1	8.362	8.326	34.059	26.486	28.027	26.481	159.9	7.995	.0	1488.6	1558.2	28.4
350.0	348.1	8.240	8.204	34.070	26.513	28.100	26.508	157.5	8.153	.0	1488.3	1638.4	18.8
360.0	358.0	8.144	8.108	34.074	26.531	28.164	26.525	155.9	8.310	.0	1488.1	1720.1	10.6
370.0	367.9	8.077	8.040	34.079	26.545	28.224	26.540	154.7	8.465	.0	1488.0	1803.4	18.5
380.0	377.9	7.970	7.932	34.086	26.566	28.291	26.561	152.7	8.619	.0	1487.8	1888.2	30.5
390.0	387.8	7.865	7.826	34.094	26.588	28.359	26.582	150.8	8.771	.0	1487.6	1974.5	22.8
400.0	397.7	7.772	7.733	34.099	26.606	28.423	26.600	149.2	8.921	.0	1487.4	2062.3	19.0
410.0	407.6	7.694	7.653	34.106	26.623	28.486	26.617	147.7	9.069	.0	1487.3	2151.6	28.4
420.0	417.5	7.578	7.537	34.112	26.644	28.553	26.638	145.8	9.216	.0	1487.0	2242.3	15.8
430.0	427.5	7.482	7.440	34.116	26.661	28.617	26.655	144.2	9.361	.0	1486.8	2334.5	31.0
440.0	437.4	7.393	7.351	34.119	26.676	28.678	26.670	142.9	9.505	.0	1486.6	2428.1	9.3
450.0	447.3	7.238	7.195	34.119	26.698	28.747	26.692	140.8	9.647	.0	1486.2	2523.2	22.4
460.0	457.3	7.168	7.124	34.121	26.710	28.805	26.704	139.8	9.787	.0	1486.0	2619.6	13.1
470.0	467.2	7.120	7.075	34.123	26.718	28.858	26.712	139.2	9.927	.0	1486.0	2717.4	9.8
480.0	477.1	6.987	6.942	34.131	26.743	28.930	26.737	136.8	10.065	.0	1485.7	2816.5	10.1
490.0	487.0	6.910	6.864	34.139	26.759	28.993	26.753	135.4	10.201	.0	1485.6	2917.1	11.3
500.0	496.9	6.816	6.769	34.142	26.774	29.055	26.768	134.0	10.336	.0	1485.3	3018.9	12.4
510.0	506.9	6.784	6.736	34.142	26.779	29.105	26.773	133.7	10.469	.0	1485.4	3122.1	2.5
520.0	516.8	6.627	6.580	34.152	26.808	29.181	26.802	130.9	10.602	.0	1484.9	3226.6	18.9
530.0	526.7	6.566	6.517	34.153	26.817	29.236	26.810	130.1	10.733	.0	1484.9	3332.4	7.4
540.0	536.6	6.509	6.460	34.155	26.826	29.291	26.819	129.4	10.863	.0	1484.8	3439.5	11.5
550.0	546.5	6.412	6.363	34.156	26.840	29.352	26.833	128.1	10.992	.0	1484.6	3547.8	35.5
560.0	556.4	6.192	6.142	34.148	26.861	29.422	26.855	125.9	11.118	.0	1483.9	3657.5	4.7
570.0	566.3	6.077	6.027	34.156	26.882	29.490	26.876	123.9	11.243	.0	1483.6	3768.3	16.4
580.0	576.3	5.963	5.913	34.157	26.898	29.552	26.892	122.4	11.366	.0	1483.3	3880.4	21.1
590.0	586.2	5.888	5.837	34.158	26.907	29.609	26.901	121.5	11.488	.0	1483.1	3993.7	12.9
600.0	596.1	5.704	5.653	34.161	26.933	29.682	26.927	119.1	11.608	.0	1482.6	4108.2	29.0
610.0	606.0	5.658	5.606	34.156	26.935	29.731	26.929	118.9	11.727	.0	1482.5	4223.8	-1.2
620.0	615.9	5.468	5.416	34.147	26.950	29.794	26.944	117.3	11.845	.0	1481.9	4340.6	9.3
630.0	625.8	5.397	5.345	34.149	26.960	29.851	26.954	116.4	11.962	.0	1481.8	4458.6	25.4
640.0	635.7	5.278	5.225	34.163	26.985	29.924	26.979	114.0	12.077	.0	1481.5	4577.7	21.0
650.0	645.7	5.210	5.156	34.167	26.997	29.982	26.991	112.9	12.190	.0	1481.4	4698.0	16.6
660.0	655.6	5.185	5.131	34.191	27.019	30.050	27.013	110.9	12.302	.0	1481.5	4819.3	9.3
670.0	665.5	5.107	5.053	34.200	27.035	30.113	27.029	109.4	12.412	.0	1481.3	4941.8	16.3
680.0	675.4	4.962	4.907	34.196	27.049	30.174	27.042	108.0	12.521	.0	1480.9	5065.3	19.2
690.0	685.3	4.927	4.872	34.208	27.062	30.234	27.056	106.7	12.628	.0	1480.9	5189.9	12.2
700.0	695.2	5.080	5.023	34.259	27.085	30.300	27.079	105.0	12.734	.0	1481.8	5315.5	22.8
710.0	705.1	5.055	4.997	34.270	27.097	30.357	27.090	104.0	12.839	.0	1481.9	5442.2	3.5
720.0	715.0	5.006	4.948	34.284	27.114	30.420	27.107	102.5	12.942	.0	1481.8	5569.9	6.1
730.0	724.9	4.976	4.917	34.290	27.122	30.475	27.115	101.8	13.044	.0	1481.9	5698.6	4.3
740.0	734.8	4.941	4.881	34.296	27.131	30.529	27.124	101.0	13.145	.0	1481.9	5828.3	-.1
750.0	744.7	4.928	4.867	34.297	27.133	30.578	27.126	100.8	13.246	.0	1482.0	5959.0	12.2
760.0	754.6	4.843	4.782	34.308	27.152	30.644	27.145	99.0	13.346	.0	1481.9	6090.7	19.0
770.0	764.5	4.777	4.715	34.317	27.166	30.705	27.159	97.7	13.444	.0	1481.8	6223.3	12.8
780.0	774.4	4.708	4.647	34.320	27.176	30.761	27.169	96.8	13.541	.0	1481.7	6356.9	12.8
790.0	784.3	4.672	4.610	34.333	27.190	30.822	27.183	95.4	13.637	.0	1481.7	6491.5	15.5
800.0	794.2	4.642	4.579	34.343	27.202	30.880	27.195	94.4	13.733	.0	1481.7	6627.0	23.4
810.0	804.1	4.565	4.501	34.346	27.213	30.938	27.206	93.3	13.826	.0	1481.6	6763.4	6.7
820.0	814.0	4.519	4.455	34.354	27.224	30.996	27.217	92.3	13.919	.0	1481.6	6900.8	14.9
830.0	823.9	4.486	4.422	34.358	27.231	31.049	27.224	91.7	14.011	.0	1481.6	7039.0	4.9
840.0	833.8	4.438	4.373	34.362	27.239	31.104	27.232	90.9	14.103	.0	1481.6	7178.2	20.1
850.0	843.7	4.413	4.347	34.372	27.250	31.161	27.243	90.0	14.193	.0	1481.7	7318.2	5.8
860.0	853.6	4.330	4.264	34.372	27.259	31.217	27.252	89.0	14.283	.0	1481.5	7459.1	8.4
870.0	863.5	4.291	4.224	34.377	27.267	31.271	27.260	88.3	14.372	.0	1481.5	7600.9	17.5
880.0	873.4	4.205	4.138	34.377	27.276	31.328	27.269	87.4	14.459	.0	1481.3	7743.6	4.9
890.0	883.3	4.245	4.177	34.393	27.285	31.382	27.278	86.7	14.547	.0	1481.6	7887.1	3.7
900.0	893.2	4.239	4.170	34.396	27.288	31.430	27.281	86.5	14.633	.0	1481.8	8031.5	5.2
910.0	903.1	4.211	4.141	34.403	27.297	31.485	27.290	85.7	14.719	.0	1481.8	8176.7	11.1
920.0	913.0	4.177	4.107	34.411	27.306	31.541	27.299	84.9	14.805	.0	1481.9	8322.8	5.2
930.0	922.9	4.157	4.086	34.415	27.312	31.593	27.305	84.4	14.889	.0	1482.0	8469.7	8.1
940.0	932.8	4.140	4.068	34.420	27.318	31.645	27.310	83.9	14.974	.0	1482.1	8617.4	8.7
950.0	942.7	4.122	4.050	34.425	27.324	31.696	27.316	83.4	15.057	.0	1482.2	8766.0	7.6
960.0	952.6	4.101	4.028	34.431	27.330	31.749	27.323	82.9	15.141	.0	1482.2	8915.3	11.4
970.0	962.5	4.064	3.990	34.434	27.337	31.802	27.330	82.2	15.223	.0	1482.3	9065.5	7.0
980.0	972.4	3.999	3.925	34.436	27.345	31.857	27.337	81.4	15.305	.0	1482.1	9216.5	11.1
990.0	982.3	3.967	3.892	34.435	27.348	31.907	27.340	81.2	15.386	.0	1482.2	9368.3	2.3

Station 80 Latitude 33° 05.35'N Longitude 128° 04.89'W 04 May 1991 GMT 2:35 Bottom 4550 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.956	3.881	34.438	27.351	31.956	27.344	80.9	15.467	.0	1482.3	9520.9	3.5
1020.0	1011.9	3.903	3.826	34.450	27.366	32.063	27.359	79.6	15.628	.0	1482.4	9828.4	6.4
1040.0	1031.7	3.861	3.783	34.455	27.375	32.164	27.367	78.8	15.786	.0	1482.6	10139.0	3.2
1060.0	1051.5	3.775	3.696	34.453	27.382	32.264	27.374	78.1	15.943	.0	1482.5	10452.8	4.4
1080.0	1071.2	3.634	3.555	34.459	27.401	32.378	27.393	76.2	16.097	.0	1482.3	10769.5	4.9
1100.0	1091.0	3.634	3.553	34.468	27.408	32.476	27.400	75.7	16.250	.0	1482.6	11089.3	4.1
1120.0	1110.8	3.600	3.518	34.473	27.416	32.576	27.407	75.1	16.400	.0	1482.8	11412.0	8.8
1140.0	1130.6	3.539	3.456	34.481	27.428	32.681	27.420	73.9	16.549	.0	1482.9	11737.7	3.8
1160.0	1150.3	3.497	3.412	34.490	27.440	32.785	27.431	72.9	16.696	.0	1483.1	12066.2	3.5
1180.0	1170.1	3.435	3.349	34.496	27.450	32.888	27.442	71.9	16.841	.0	1483.1	12397.6	3.8
1200.0	1189.8	3.397	3.310	34.499	27.456	32.987	27.448	71.3	16.984	.0	1483.3	12731.8	4.7
1220.0	1209.6	3.364	3.275	34.506	27.465	33.088	27.457	70.6	17.126	.0	1483.5	13068.8	4.7
1240.0	1229.3	3.322	3.233	34.510	27.472	33.187	27.464	70.0	17.266	.0	1483.7	13408.6	5.6
1260.0	1249.1	3.302	3.211	34.514	27.477	33.283	27.469	69.6	17.406	.0	1483.9	13751.1	3.6
1280.0	1268.9	3.273	3.180	34.517	27.483	33.381	27.474	69.1	17.545	.0	1484.1	14096.2	6.8
1300.0	1288.6	3.233	3.139	34.521	27.490	33.481	27.482	68.4	17.682	.0	1484.3	14444.1	2.7
1320.0	1308.4	3.200	3.105	34.525	27.496	33.578	27.487	68.0	17.819	.0	1484.5	14794.7	1.8
1340.0	1328.1	3.168	3.071	34.528	27.501	33.675	27.492	67.5	17.954	.0	1484.7	15147.9	2.4
1360.0	1347.8	3.115	3.018	34.529	27.508	33.775	27.499	66.9	18.088	.0	1484.8	15503.7	2.5
1380.0	1367.6	3.065	2.967	34.531	27.514	33.873	27.505	66.3	18.222	.0	1484.9	15862.1	5.4
1400.0	1387.3	3.038	2.938	34.533	27.518	33.969	27.509	65.9	18.354	.0	1485.2	16223.2	1.9
1420.0	1407.1	3.003	2.901	34.534	27.522	34.066	27.513	65.5	18.485	.0	1485.3	16586.8	1.9
1440.0	1426.8	2.955	2.852	34.537	27.529	34.165	27.520	64.9	18.616	.0	1485.5	16952.9	1.0
1460.0	1446.6	2.921	2.818	34.540	27.535	34.262	27.525	64.4	18.745	.0	1485.7	17321.6	2.8
1480.0	1466.3	2.879	2.775	34.545	27.542	34.362	27.533	63.7	18.873	.0	1485.8	17692.7	6.9
1500.0	1486.0	2.854	2.747	34.548	27.547	34.458	27.537	63.3	19.000	.0	1486.0	18066.4	1.4
1520.0	1505.7	2.829	2.721	34.550	27.551	34.554	27.541	63.0	19.126	.0	1486.3	18442.5	3.1
1540.0	1525.5	2.790	2.681	34.554	27.557	34.653	27.548	62.3	19.251	.0	1486.4	18821.0	5.2
1560.0	1545.2	2.760	2.650	34.558	27.563	34.751	27.554	61.8	19.375	.0	1486.7	19202.0	1.4
1580.0	1564.9	2.721	2.610	34.560	27.569	34.848	27.559	61.3	19.498	.0	1486.8	19585.4	5.5
1600.0	1584.6	2.685	2.572	34.563	27.574	34.946	27.564	60.8	19.620	.0	1487.0	19971.1	1.4
1620.0	1604.4	2.659	2.546	34.564	27.577	35.040	27.567	60.5	19.742	.0	1487.2	20359.2	2.6
1640.0	1624.1	2.618	2.503	34.567	27.584	35.139	27.574	59.8	19.862	.0	1487.4	20749.6	2.6
1660.0	1643.8	2.580	2.464	34.571	27.590	35.237	27.580	59.2	19.981	.0	1487.6	21142.4	.0
1680.0	1663.5	2.555	2.438	34.572	27.593	35.333	27.583	58.9	20.099	.0	1487.8	21537.5	1.5
1700.0	1683.2	2.527	2.408	34.574	27.597	35.428	27.587	58.6	20.217	.0	1488.0	21934.8	3.5
1720.0	1702.9	2.493	2.373	34.577	27.603	35.525	27.592	58.0	20.333	.0	1488.2	22334.5	2.1
1740.0	1722.6	2.472	2.351	34.579	27.606	35.620	27.596	57.7	20.449	.0	1488.4	22736.3	1.8
1760.0	1742.3	2.446	2.323	34.581	27.610	35.716	27.600	57.4	20.564	.0	1488.7	23140.4	7.1
1780.0	1762.1	2.399	2.276	34.584	27.616	35.815	27.606	56.7	20.678	.0	1488.8	23546.8	-.2
1800.0	1781.8	2.367	2.242	34.586	27.621	35.911	27.610	56.3	20.791	.0	1489.0	23955.3	.6
1820.0	1801.4	2.341	2.215	34.588	27.625	36.006	27.614	55.9	20.903	.0	1489.2	24366.0	2.4
1840.0	1821.2	2.303	2.175	34.592	27.631	36.105	27.621	55.2	21.014	.0	1489.4	24778.9	6.2
1860.0	1840.8	2.284	2.155	34.593	27.633	36.199	27.623	55.0	21.125	.0	1489.6	25193.9	1.6
1880.0	1860.5	2.267	2.137	34.596	27.637	36.293	27.626	54.7	21.234	.0	1489.9	25611.0	3.0
1900.0	1880.2	2.242	2.111	34.598	27.641	36.389	27.631	54.3	21.343	.0	1490.1	26030.2	2.2
1920.0	1899.9	2.221	2.088	34.600	27.645	36.483	27.634	54.0	21.451	.0	1490.4	26451.5	5.4
1940.0	1919.6	2.188	2.053	34.606	27.652	36.582	27.641	53.3	21.559	.0	1490.6	26875.0	1.9
1960.0	1939.3	2.170	2.034	34.606	27.653	36.675	27.642	53.1	21.665	.0	1490.8	27300.4	3.4
1980.0	1959.0	2.139	2.002	34.608	27.657	36.771	27.646	52.7	21.771	.0	1491.0	27728.0	1.6
2000.0	1978.7	2.115	1.977	34.611	27.662	36.866	27.650	52.3	21.876	.0	1491.3	28157.5	.2
2050.0	2027.9	2.068	1.926	34.615	27.669	37.101	27.658	51.6	22.136	.0	1491.9	29240.2	2.3
2096.0	2073.1	2.039	1.894	34.618	27.674	37.315	27.663	51.2	22.372	.0	1492.6	30247.3	.0

Station 81 Latitude 32° 59.11'N Longitude 127° 48.78'W 04 May 1991 GMT 5:17 Bottom 4580 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.834	15.834	33.203	24.404	24.404	24.404	351.5	.000	.0	1507.8	.0	.0
10.0	10.0	14.969	14.967	33.236	24.620	24.664	24.620	331.2	.342	.0	1505.3	1.7	32.6
20.0	19.9	14.868	14.865	33.216	24.627	24.715	24.626	330.9	.673	.0	1505.1	6.8	4.8
30.0	29.9	14.807	14.803	33.224	24.647	24.779	24.646	329.3	1.004	.0	1505.1	15.1	39.3
40.0	39.8	14.911	14.905	33.282	24.669	24.846	24.668	327.5	1.332	.0	1505.6	26.8	35.6
50.0	49.8	14.452	14.445	33.202	24.705	24.927	24.704	324.3	1.658	.0	1504.2	41.7	36.1
60.0	59.8	14.719	14.710	33.319	24.740	25.005	24.737	321.3	1.981	.0	1505.4	59.8	41.1
70.0	69.7	14.922	14.911	33.436	24.786	25.096	24.784	317.2	2.301	.0	1506.4	81.1	63.1
80.0	79.7	15.107	15.095	33.531	24.819	25.172	24.817	314.4	2.617	.0	1507.2	105.6	49.4
90.0	89.7	15.136	15.123	33.573	24.846	25.243	24.843	312.2	2.930	.0	1507.5	133.2	46.8
100.0	99.6	14.793	14.778	33.548	24.901	25.343	24.898	307.2	3.240	.0	1506.6	163.9	47.9
110.0	109.6	13.841	13.826	33.375	24.968	25.456	24.965	300.9	3.546	.0	1503.4	197.7	270.0
120.0	119.5	12.551	12.535	33.367	25.220	25.755	25.217	277.0	3.834	.0	1499.3	234.5	151.5
130.0	129.5	10.785	10.770	33.158	25.382	25.967	25.379	261.3	4.102	.0	1493.0	274.0	101.9
140.0	139.4	10.154	10.138	33.173	25.503	26.134	25.500	249.9	4.357	.0	1490.9	316.0	147.8
150.0	149.4	9.928	9.911	33.306	25.645	26.321	25.642	236.6	4.600	.0	1490.4	360.6	131.9
160.0	159.3	9.783	9.766	33.382	25.728	26.451	25.726	228.8	4.832	.0	1490.1	407.5	46.7
170.0	169.3	9.522	9.504	33.497	25.861	26.629	25.858	216.4	5.055	.0	1489.5	456.7	135.7
180.0	179.2	9.468	9.448	33.575	25.931	26.744	25.928	209.9	5.268	.0	1489.5	508.0	86.2
190.0	189.1	9.498	9.478	33.674	26.003	26.862	26.000	203.3	5.475	.0	1489.9	561.4	82.1
200.0	199.1	9.495	9.473	33.755	26.068	26.971	26.064	197.4	5.676	.0	1490.2	616.8	52.0
210.0	209.0	9.446	9.423	33.825	26.131	27.079	26.127	191.6	5.871	.0	1490.3	674.2	90.0
220.0	218.9	9.380	9.356	33.883	26.187	27.180	26.183	186.5	6.060	.0	1490.3	733.5	18.0
230.0	228.9	9.321	9.296	33.905	26.214	27.253	26.210	184.1	6.245	.0	1490.2	794.7	41.4
240.0	238.8	9.204	9.178	33.934	26.255	27.340	26.251	180.3	6.428	.0	1490.0	857.6	57.8
250.0	248.8	9.077	9.050	33.956	26.293	27.423	26.289	176.9	6.606	.0	1489.7	922.4	19.1
260.0	258.7	8.972	8.944	33.968	26.319	27.495	26.315	174.5	6.782	.0	1489.5	988.9	35.2
270.0	268.6	8.883	8.854	33.981	26.343	27.565	26.339	172.4	6.956	.0	1489.3	1057.1	33.8
280.0	278.6	8.736	8.706	33.989	26.373	27.641	26.368	169.7	7.126	.0	1489.0	1127.1	7.1
290.0	288.5	8.544	8.514	34.019	26.426	27.740	26.421	164.8	7.294	.0	1488.4	1198.7	44.8
300.0	298.4	8.488	8.457	34.038	26.450	27.809	26.445	162.7	7.458	.0	1488.4	1272.0	17.3
310.0	308.4	8.480	8.448	34.072	26.478	27.883	26.473	160.2	7.619	.0	1488.6	1346.8	39.9
320.0	318.3	8.271	8.238	34.081	26.517	27.968	26.512	156.6	7.778	.0	1488.0	1423.3	26.1
330.0	328.2	8.079	8.045	34.089	26.552	28.050	26.547	153.3	7.932	.0	1487.4	1501.3	3.5
340.0	338.1	8.011	7.976	34.091	26.563	28.107	26.558	152.4	8.085	.0	1487.3	1580.8	45.7
350.0	348.1	7.853	7.818	34.094	26.590	28.180	26.584	149.9	8.236	.0	1486.9	1661.8	20.4
360.0	358.0	7.729	7.694	34.097	26.610	28.246	26.604	148.1	8.385	.0	1486.6	1744.3	32.4
370.0	367.9	7.658	7.622	34.097	26.620	28.302	26.615	147.2	8.533	.0	1486.5	1828.3	14.6
380.0	377.9	7.505	7.468	34.101	26.645	28.374	26.640	144.9	8.679	.0	1486.0	1913.7	36.8
390.0	387.8	7.410	7.372	34.102	26.660	28.435	26.654	143.6	8.823	.0	1485.8	2000.6	16.3
400.0	397.7	7.328	7.290	34.102	26.671	28.493	26.666	142.6	8.966	.0	1485.7	2088.9	11.6
410.0	407.6	7.226	7.187	34.105	26.688	28.556	26.683	141.1	9.108	.0	1485.4	2178.6	7.5
420.0	417.6	7.145	7.105	34.105	26.699	28.613	26.694	140.1	9.249	.0	1485.3	2269.6	13.3
430.0	427.5	7.017	6.977	34.107	26.719	28.679	26.713	138.3	9.388	.0	1485.0	2362.1	16.8
440.0	437.4	6.849	6.808	34.112	26.745	28.753	26.740	135.8	9.525	.0	1484.5	2456.0	11.5
450.0	447.3	6.797	6.755	34.114	26.754	28.808	26.749	135.1	9.661	.0	1484.4	2551.1	18.5
460.0	457.3	6.694	6.652	34.115	26.769	28.869	26.763	133.7	9.795	.0	1484.2	2647.7	17.4
470.0	467.2	6.609	6.566	34.119	26.784	28.930	26.778	132.4	9.928	.0	1484.0	2745.5	14.7
480.0	477.1	6.492	6.449	34.127	26.805	28.999	26.800	130.4	10.060	.0	1483.7	2844.6	58.3
490.0	487.0	6.324	6.281	34.129	26.829	29.069	26.823	128.1	10.189	.0	1483.2	2945.1	22.3
500.0	496.9	6.207	6.163	34.135	26.849	29.136	26.843	126.3	10.316	.0	1482.9	3046.8	21.7
510.0	506.9	6.116	6.071	34.138	26.863	29.197	26.857	125.0	10.442	.0	1482.7	3149.7	6.4
520.0	516.8	5.993	5.948	34.139	26.879	29.260	26.873	123.5	10.566	.0	1482.4	3253.9	3.8
530.0	526.7	5.930	5.884	34.139	26.887	29.315	26.881	122.7	10.689	.0	1482.3	3359.3	16.7
540.0	536.6	5.829	5.782	34.144	26.903	29.378	26.898	121.2	10.811	.0	1482.1	3465.9	11.4
550.0	546.5	5.806	5.759	34.152	26.913	29.433	26.907	120.4	10.932	.0	1482.1	3573.7	12.8
560.0	556.4	5.694	5.647	34.162	26.934	29.502	26.928	118.4	11.051	.0	1481.9	3682.7	21.6
570.0	566.3	5.607	5.558	34.161	26.944	29.559	26.939	117.4	11.169	.0	1481.7	3792.8	8.4
580.0	576.3	5.546	5.497	34.166	26.956	29.616	26.950	116.4	11.286	.0	1481.6	3904.1	9.3
590.0	586.2	5.576	5.526	34.190	26.971	29.677	26.965	115.1	11.402	.0	1481.9	4016.6	35.4
600.0	596.1	5.508	5.458	34.199	26.987	29.739	26.981	113.7	11.516	.0	1481.8	4130.2	16.6
610.0	606.0	5.328	5.278	34.196	27.005	29.806	27.000	111.8	11.629	.0	1481.2	4244.9	12.8
620.0	615.9	5.208	5.157	34.189	27.014	29.862	27.008	110.9	11.740	.0	1480.9	4360.7	4.6
630.0	625.8	5.173	5.122	34.197	27.025	29.919	27.019	110.0	11.851	.0	1480.9	4477.6	17.7
640.0	635.7	5.103	5.051	34.206	27.040	29.981	27.034	108.6	11.960	.0	1480.8	4595.6	16.0
650.0	645.6	5.059	5.006	34.214	27.051	30.038	27.045	107.6	12.068	.0	1480.8	4714.6	6.6
660.0	655.5	5.095	5.041	34.231	27.061	30.093	27.055	106.8	12.175	.0	1481.2	4834.8	11.9
670.0	665.5	5.109	5.055	34.252	27.076	30.153	27.070	105.6	12.281	.0	1481.4	4955.9	11.3
680.0	675.4	5.078	5.023	34.256	27.083	30.206	27.076	105.0	12.387	.0	1481.5	5078.1	6.9
690.0	685.3	4.928	4.872	34.250	27.095	30.267	27.089	103.7	12.491	.0	1481.0	5201.4	9.8
700.0	695.2	4.846	4.790	34.249	27.104	30.322	27.097	102.9	12.594	.0	1480.8	5325.6	32.7
710.0	705.1	4.750	4.694	34.259	27.123	30.388	27.116	101.0	12.696	.0	1480.6	5450.9	5.1
720.0	715.0	4.727	4.671	34.263	27.128	30.440	27.122	100.6	12.797	.0	1480.7	5577.2	11.6
730.0	724.9	4.699	4.641	34.270	27.137	30.495	27.131	99.8	12.897	.0	1480.7	5704.4	3.7
740.0	734.8	4.693	4.635	34.277	27.143	30.547	27.137	99.3	12.997	.0	1480.9	5832.7	5.7
750.0	744.7	4.699	4.640	34.287	27.151	30.600	27.144	98.8	13.095	.0	1481.1	5961.9	5.2
760.0	754.6	4.696	4.636	34.298	27.160	30.654	27.153	98.0	13.194	.0	1481.2	6092.0	3.7
770.0	764.5	4.684	4.623	34.307	27.168	30.709	27.162	97.3	13.292	.0	1481.4	6223.2	14.6
780.0	774.4	4.655	4.593	34.313	27.177	30.764	27.170	96.6	13.389	.0	1481.4	6355.3	7.5
790.0	784.3	4.574	4.512	34.319	27.190	30.824	27.184	95.2	13.485	.0	1481.3	6488.3	9.0
800.0	794.2	4.590	4.527	34.332	27.199	30.878	27.192	94.6	13.580	.0	1481.5	6622.3	1.7
810.0	804.1	4.551	4.488	34.334	27.205	30.930	27.198	94.1	13.674	.0	1481.5	6757.2	14.9
820.0	814.0	4.362	4.299	34.327	27.219	30.994	27.212	92.4	13.767	.0	1480.9	6893.1	9.0
830.0	823.9	4.324	4.261	34.338	27.233	31.054	27.226	91.2	13.859	.0	1480.9	7029.8	7.8
840.0	833.8	4.314	4.250	34.347	27.241	31.108	27.234	90.5	13.950	.0	1481.0	7167.5	11.0
850.0	843.7	4.273	4.208	34.352	27.249	31.163	27.242	89.8	14.040	.0	1481.0	7306.0	5.7
860.0	853.6	4.261	4.196	34.359	27.256	31.215	27.249	89.2	14.129	.0	1481.2	7445.4	12.5
870.0	863.5	4.235	4.168	34.368	27.266	31.272	27.259	88.3	14.218	.0	1481.2	7585.7	6.9
880.0	873.4	4.251	4.184	34.381	27.274	31.325	27.267	87.6	14.306	.0	1481.5	7726.8	4.6
890.0	883.3	4.198	4.130	34.384	27.283	31.381	27.276	86.8	14.393	.0	1481.4	7868.8	1.1
900.0	893.2	4.141	4.072	34.386	27.290	31.435	27.283	86.1	14.480	.0	1481.4	8011.7	5.5
910.0	903.1	4.138	4.069	34.391	27.295	31.485	27.287	85.8	14.566	.0	1481.5	8155.4	3.4
920.0	913.0	4.094	4.024	34.396	27.303	31.540	27.296	85.0	14.651	.0	1481.5	8300.0	7.8
930.0	922.9	4.052	3.982	34.399	27.310	31.593	27.303	84.4	14.736	.0	1481.5	8445.3	9.6
940.0	932.8	4.106	4.034	34.414	27.316	31.644	27.309	84.0	14.820	.0	1481.9	8591.5	5.5
950.0	942.7	4.087	4.015	34.418	27.322	31.696	27.315	83.5	14.903	.0	1482.0	8738.6	.5
960.0	952.6	4.090	4.017	34.424	27.326	31.745	27.319	83.2	14.987	.0	1482.2	8886.4	4.1
970.0	962.5	4.050	3.977	34.424	27.331	31.796	27.323	82.8	15.070	.0	1482.2	9035.1	9.0
980.0	972.3	4.019	3.945	34.427	27.336	31.848	27.328	82.3	15.152	.0	1482.2	9184.6	9.9
990.0	982.2	3.980	3.905	34.429	27.342	31.900	27.334	81.8	15.234	.0	1482.2	9334.8	9.0

Station 81 Latitude 32° 59.11'N Longitude 127° 48.78'W 04 May 1991 GMT 5:17 Bottom 4580 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.944	3.869	34.432	27.348	31.953	27.340	81.2	15.316	.0	1482.2	9485.9	2.9
1020.0	1011.9	3.859	3.783	34.438	27.361	32.059	27.353	79.9	15.477	.0	1482.2	9790.4	1.1
1040.0	1031.7	3.817	3.740	34.441	27.368	32.159	27.361	79.3	15.636	.0	1482.4	10098.1	.0
1060.0	1051.5	3.767	3.688	34.449	27.379	32.262	27.371	78.4	15.794	.0	1482.5	10408.9	3.5
1080.0	1071.2	3.757	3.677	34.464	27.392	32.366	27.384	77.3	15.950	.0	1482.8	10722.7	6.7
1100.0	1091.0	3.723	3.641	34.470	27.401	32.467	27.393	76.6	16.104	.0	1483.0	11039.6	4.4
1120.0	1110.8	3.670	3.587	34.474	27.410	32.568	27.401	75.8	16.256	.0	1483.1	11359.5	6.5
1140.0	1130.5	3.584	3.500	34.476	27.420	32.672	27.412	74.8	16.407	.0	1483.1	11682.3	5.3
1160.0	1150.3	3.532	3.447	34.479	27.427	32.772	27.419	74.1	16.556	.0	1483.2	12008.1	2.7
1180.0	1170.1	3.496	3.409	34.487	27.437	32.874	27.429	73.2	16.703	.0	1483.4	12336.7	6.2
1200.0	1189.8	3.453	3.365	34.493	27.447	32.975	27.438	72.4	16.849	.0	1483.6	12668.3	7.7
1220.0	1209.6	3.379	3.290	34.495	27.455	33.077	27.447	71.6	16.993	.0	1483.6	13002.6	5.9
1240.0	1229.3	3.322	3.233	34.495	27.460	33.175	27.452	71.0	17.135	.0	1483.7	13339.7	8.0
1260.0	1249.1	3.283	3.192	34.502	27.470	33.277	27.461	70.2	17.276	.0	1483.8	13679.6	4.2
1280.0	1268.9	3.255	3.163	34.508	27.478	33.376	27.469	69.5	17.416	.0	1484.1	14022.3	-.8
1300.0	1288.6	3.243	3.149	34.514	27.484	33.474	27.475	69.1	17.554	.0	1484.3	14367.6	3.6
1320.0	1308.4	3.206	3.111	34.519	27.491	33.573	27.482	68.4	17.692	.0	1484.5	14715.7	1.6
1340.0	1328.1	3.165	3.069	34.521	27.497	33.671	27.488	67.9	17.828	.0	1484.7	15066.4	-1.1
1360.0	1347.8	3.139	3.041	34.525	27.502	33.768	27.493	67.5	17.963	.0	1484.9	15419.7	2.5
1380.0	1367.6	3.101	3.002	34.528	27.508	33.867	27.499	66.9	18.098	.0	1485.1	15775.7	9.5
1400.0	1387.3	3.047	2.947	34.533	27.517	33.968	27.508	66.0	18.230	.0	1485.2	16134.3	4.2
1420.0	1407.1	3.006	2.905	34.539	27.526	34.069	27.517	65.2	18.362	.0	1485.4	16495.5	7.2
1440.0	1426.8	2.963	2.861	34.542	27.532	34.168	27.523	64.6	18.492	.0	1485.5	16859.2	7.5
1460.0	1446.6	2.926	2.822	34.547	27.539	34.267	27.530	64.0	18.620	.0	1485.7	17225.4	3.7
1480.0	1466.3	2.887	2.782	34.550	27.546	34.366	27.536	63.4	18.747	.0	1485.9	17594.1	3.7
1500.0	1486.0	2.859	2.753	34.552	27.550	34.461	27.540	63.0	18.874	.0	1486.1	17965.2	-.4
1520.0	1505.7	2.818	2.711	34.554	27.555	34.559	27.545	62.5	18.999	.0	1486.2	18338.8	2.5
1540.0	1525.5	2.786	2.677	34.558	27.561	34.657	27.552	62.0	19.124	.0	1486.4	18714.9	4.3
1560.0	1545.2	2.741	2.631	34.560	27.567	34.755	27.558	61.4	19.247	.0	1486.6	19093.3	3.7
1580.0	1564.9	2.687	2.576	34.562	27.573	34.854	27.563	60.7	19.369	.0	1486.7	19474.1	2.0
1600.0	1584.6	2.652	2.540	34.563	27.577	34.950	27.567	60.3	19.490	.0	1486.9	19857.3	2.3
1620.0	1604.4	2.620	2.506	34.568	27.584	35.049	27.574	59.7	19.610	.0	1487.1	20242.8	2.9
1640.0	1624.1	2.581	2.466	34.570	27.589	35.146	27.579	59.2	19.729	.0	1487.2	20630.7	4.9
1660.0	1643.8	2.544	2.428	34.573	27.595	35.244	27.585	58.6	19.847	.0	1487.4	21020.8	3.5
1680.0	1663.5	2.502	2.385	34.576	27.600	35.342	27.590	58.0	19.963	.0	1487.6	21413.2	2.0
1700.0	1683.2	2.467	2.349	34.578	27.606	35.439	27.596	57.5	20.079	.0	1487.7	21807.9	4.4
1720.0	1702.9	2.441	2.322	34.581	27.610	35.535	27.600	57.2	20.194	.0	1488.0	22204.8	2.6
1740.0	1722.6	2.408	2.287	34.584	27.615	35.632	27.605	56.6	20.307	.0	1488.2	22603.9	2.6
1760.0	1742.3	2.382	2.260	34.586	27.619	35.728	27.609	56.3	20.420	.0	1488.4	23005.2	3.8
1780.0	1762.1	2.353	2.229	34.588	27.623	35.824	27.613	55.8	20.532	.0	1488.6	23408.6	-.5
1800.0	1781.8	2.326	2.202	34.591	27.628	35.920	27.618	55.4	20.643	.0	1488.8	23814.3	2.4
1820.0	1801.4	2.316	2.190	34.596	27.632	36.015	27.622	55.0	20.754	.0	1489.1	24222.0	5.0
1840.0	1821.2	2.289	2.161	34.597	27.636	36.110	27.625	54.7	20.864	.0	1489.3	24631.9	1.5
1860.0	1840.8	2.272	2.143	34.601	27.640	36.206	27.630	54.3	20.973	.0	1489.6	25044.0	2.1
1880.0	1860.5	2.250	2.120	34.602	27.644	36.300	27.633	54.0	21.081	.0	1489.8	25458.1	1.9
1900.0	1880.2	2.228	2.097	34.604	27.647	36.395	27.636	53.7	21.188	.0	1490.1	25874.3	2.5
1920.0	1899.9	2.207	2.074	34.607	27.651	36.490	27.640	53.4	21.296	.0	1490.3	26292.6	3.1
1940.0	1919.6	2.191	2.057	34.608	27.653	36.584	27.643	53.1	21.402	.0	1490.6	26712.9	1.9
1960.0	1939.3	2.174	2.038	34.611	27.657	36.678	27.646	52.9	21.508	.0	1490.9	27135.3	2.5
1980.0	1959.0	2.155	2.018	34.613	27.660	36.772	27.649	52.6	21.613	.0	1491.1	27559.7	3.4
2000.0	1978.7	2.136	1.997	34.614	27.663	36.866	27.652	52.3	21.718	.0	1491.4	27986.2	2.2
2050.0	2027.9	2.074	1.932	34.620	27.673	37.105	27.662	51.3	21.977	.0	1491.9	29061.1	3.7
2096.0	2073.1	2.037	1.891	34.624	27.679	37.320	27.668	50.8	22.212	.0	1492.6	30061.0	.0

Station 82 Latitude 32° 45.70'N Longitude 127° 55.83'W 05 May 1991 GMT 8:00 Bottom 4470 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.663	15.663	33.166	24.413	24.413	24.413	350.7	.000	.0	1507.2	.0	.0
10.0	10.0	15.057	15.055	33.160	24.542	24.586	24.542	338.7	.345	.0	1505.5	1.7	25.3
20.0	19.9	14.974	14.971	33.157	24.558	24.646	24.557	337.5	.683	.0	1505.4	6.9	8.9
30.0	29.9	14.940	14.935	33.157	24.566	24.699	24.565	337.0	1.020	.0	1505.4	15.3	6.9
40.0	39.8	14.988	14.982	33.224	24.607	24.784	24.606	333.4	1.357	.0	1505.8	27.2	122.5
50.0	49.8	15.095	15.088	33.359	24.688	24.909	24.687	326.0	1.685	.0	1506.5	42.3	35.6
60.0	59.8	14.541	14.533	33.256	24.728	24.994	24.727	322.4	2.009	.0	1504.8	60.7	59.2
70.0	69.7	14.700	14.690	33.340	24.760	25.069	24.758	319.7	2.329	.0	1505.5	82.3	32.3
80.0	79.7	14.943	14.931	33.457	24.798	25.151	24.796	316.4	2.647	.0	1506.6	107.1	38.5
90.0	89.7	14.991	14.977	33.506	24.826	25.223	24.823	314.1	2.962	.0	1507.0	135.1	44.1
100.0	99.6	15.098	15.083	33.584	24.863	25.304	24.860	310.8	3.274	.0	1507.6	166.1	48.3
110.0	109.6	15.051	15.034	33.645	24.921	25.406	24.917	305.7	3.583	.0	1507.7	200.2	88.1
120.0	119.5	13.117	13.100	33.342	25.089	25.623	25.086	289.5	3.884	.0	1501.1	237.4	289.8
130.0	129.5	11.554	11.538	33.111	25.208	25.790	25.205	278.1	4.166	.0	1495.6	277.5	27.7
140.0	139.4	11.095	11.078	33.268	25.413	26.041	25.410	258.7	4.439	.0	1494.4	320.3	288.8
150.0	149.4	10.486	10.468	33.279	25.529	26.204	25.526	247.7	4.692	.0	1492.4	365.8	129.4
160.0	159.3	10.162	10.144	33.301	25.602	26.323	25.598	241.0	4.935	.0	1491.4	413.6	61.7
170.0	169.3	9.925	9.906	33.353	25.682	26.449	25.679	233.5	5.172	.0	1490.8	463.9	23.3
180.0	179.2	9.653	9.633	33.435	25.791	26.604	25.788	223.2	5.403	.0	1490.0	516.5	149.2
190.0	189.1	9.477	9.457	33.599	25.949	26.807	25.945	208.4	5.621	.0	1489.8	571.3	120.2
200.0	199.1	9.568	9.546	33.674	25.993	26.896	25.989	204.5	5.826	.0	1490.4	628.2	75.7
210.0	209.0	9.360	9.337	33.756	26.090	27.039	26.087	195.4	6.027	.0	1489.8	687.1	66.3
220.0	219.0	9.237	9.213	33.830	26.168	27.163	26.164	188.2	6.218	.0	1489.7	748.0	40.5
230.0	228.9	9.129	9.104	33.874	26.220	27.260	26.216	183.4	6.404	.0	1489.5	810.7	34.9
240.0	238.9	8.994	8.968	33.911	26.271	27.356	26.267	178.8	6.585	.0	1489.2	875.3	35.2
250.0	248.8	8.935	8.908	33.948	26.309	27.441	26.305	175.2	6.762	.0	1489.2	941.6	13.0
260.0	258.7	8.859	8.831	33.965	26.334	27.511	26.330	173.0	6.936	.0	1489.1	1009.6	55.4
270.0	268.6	8.794	8.765	33.988	26.363	27.585	26.359	170.5	7.107	.0	1489.0	1079.4	2.1
280.0	278.6	8.724	8.694	34.001	26.384	27.652	26.379	168.7	7.277	.0	1488.9	1150.8	75.3
290.0	288.5	8.545	8.515	34.037	26.440	27.754	26.435	163.4	7.443	.0	1488.5	1223.9	45.1
300.0	298.5	8.432	8.401	34.057	26.473	27.833	26.468	160.5	7.605	.0	1488.2	1298.7	22.0
310.0	308.4	8.267	8.235	34.071	26.510	27.916	26.505	157.1	7.763	.0	1487.8	1375.0	30.4
320.0	318.3	8.131	8.099	34.084	26.541	27.993	26.536	154.2	7.919	.0	1487.4	1452.9	16.7
330.0	328.2	7.911	7.878	34.089	26.576	28.076	26.572	150.9	8.071	.0	1486.8	1532.2	41.8
340.0	338.2	7.857	7.823	34.093	26.588	28.133	26.583	149.9	8.222	.0	1486.7	1613.1	6.1
350.0	348.1	7.722	7.687	34.094	26.608	28.199	26.603	148.1	8.371	.0	1486.4	1695.5	15.1
360.0	358.0	7.509	7.474	34.097	26.641	28.279	26.636	145.0	8.518	.0	1485.7	1779.3	31.5
370.0	368.0	7.400	7.365	34.097	26.657	28.341	26.652	143.6	8.662	.0	1485.5	1864.6	23.0
380.0	377.9	7.349	7.312	34.095	26.663	28.393	26.657	143.1	8.805	.0	1485.4	1951.3	5.4
390.0	387.8	7.235	7.197	34.099	26.682	28.459	26.677	141.4	8.948	.0	1485.1	2039.4	24.7
400.0	397.7	7.123	7.085	34.098	26.697	28.520	26.691	140.0	9.088	.0	1484.9	2128.9	16.8
410.0	407.7	7.015	6.976	34.097	26.710	28.580	26.705	138.8	9.227	.0	1484.6	2219.8	6.5
420.0	417.6	6.803	6.765	34.086	26.731	28.648	26.726	136.8	9.366	.0	1483.9	2312.1	24.1
430.0	427.5	6.775	6.735	34.091	26.739	28.702	26.733	136.2	9.502	.0	1484.0	2405.7	13.8
440.0	437.4	6.439	6.400	34.065	26.763	28.775	26.758	133.8	9.637	.0	1482.8	2500.6	25.8
450.0	447.4	6.461	6.421	34.099	26.787	28.844	26.782	131.6	9.770	.0	1483.1	2596.9	17.6
460.0	457.3	6.529	6.487	34.128	26.801	28.903	26.796	130.5	9.901	.0	1483.5	2694.5	17.0
470.0	467.2	6.325	6.283	34.110	26.813	28.963	26.808	129.3	10.031	.0	1482.9	2793.4	23.1
480.0	477.1	6.188	6.146	34.106	26.828	29.025	26.823	127.9	10.159	.0	1482.5	2893.5	11.4
490.0	487.0	6.127	6.084	34.111	26.840	29.082	26.834	126.9	10.286	.0	1482.4	2994.9	8.5
500.0	497.0	6.058	6.015	34.113	26.850	29.139	26.844	126.0	10.413	.0	1482.3	3097.6	21.0
510.0	506.9	5.935	5.891	34.101	26.856	29.193	26.851	125.4	10.538	.0	1481.9	3201.5	1.1
520.0	516.8	5.832	5.788	34.109	26.875	29.259	26.870	123.6	10.663	.0	1481.7	3306.6	33.6
530.0	526.7	5.750	5.705	34.115	26.890	29.320	26.885	122.2	10.786	.0	1481.5	3413.0	25.4
540.0	536.6	5.641	5.596	34.124	26.910	29.388	26.905	120.3	10.907	.0	1481.3	3520.5	.8
550.0	546.5	5.602	5.556	34.132	26.922	29.445	26.916	119.3	11.027	.0	1481.3	3629.3	9.6
560.0	556.5	5.606	5.558	34.143	26.930	29.498	26.924	118.7	11.146	.0	1481.5	3739.2	10.2
570.0	566.4	5.470	5.423	34.146	26.949	29.565	26.944	116.8	11.264	.0	1481.1	3850.3	19.5
580.0	576.3	5.400	5.352	34.160	26.968	29.631	26.963	115.0	11.380	.0	1481.0	3962.6	8.7
590.0	586.2	5.401	5.352	34.178	26.982	29.690	26.977	113.8	11.494	.0	1481.2	4075.9	9.6
600.0	596.1	5.368	5.318	34.190	26.997	29.751	26.991	112.6	11.608	.0	1481.2	4190.5	11.3
610.0	606.0	5.358	5.307	34.203	27.007	29.807	27.001	111.7	11.720	.0	1481.4	4306.1	4.3
620.0	615.9	5.250	5.199	34.196	27.015	29.862	27.009	110.9	11.831	.0	1481.1	4422.8	12.5
630.0	625.8	5.148	5.097	34.199	27.029	29.924	27.023	109.6	11.941	.0	1480.8	4540.6	3.7
640.0	635.8	5.195	5.143	34.220	27.041	29.980	27.035	108.7	12.050	.0	1481.2	4659.5	11.9
650.0	645.7	5.015	4.963	34.211	27.054	30.042	27.049	107.2	12.158	.0	1480.6	4779.4	16.9
660.0	655.6	4.963	4.910	34.219	27.066	30.100	27.060	106.1	12.265	.0	1480.6	4900.4	11.3
670.0	665.5	4.977	4.923	34.246	27.086	30.165	27.080	104.4	12.370	.0	1480.9	5022.5	16.0
680.0	675.4	5.056	5.000	34.278	27.103	30.226	27.097	103.1	12.474	.0	1481.4	5145.6	11.6
690.0	685.3	4.996	4.941	34.290	27.119	30.289	27.113	101.6	12.576	.0	1481.3	5269.7	7.5
700.0	695.2	4.956	4.900	34.297	27.129	30.346	27.123	100.6	12.678	.0	1481.3	5394.8	16.3
710.0	705.1	4.922	4.865	34.301	27.137	30.399	27.130	100.0	12.778	.0	1481.4	5520.9	16.9
720.0	715.0	4.849	4.791	34.305	27.148	30.457	27.141	99.0	12.877	.0	1481.2	5647.9	15.1
730.0	724.9	4.779	4.721	34.306	27.157	30.514	27.151	98.1	12.976	.0	1481.1	5776.0	9.3
740.0	734.8	4.735	4.676	34.315	27.169	30.571	27.162	97.1	13.073	.0	1481.1	5905.0	11.0
750.0	744.7	4.688	4.629	34.327	27.184	30.633	27.177	95.7	13.170	.0	1481.1	6034.9	9.8
760.0	754.6	4.673	4.613	34.338	27.194	30.689	27.187	94.8	13.265	.0	1481.2	6165.8	17.5
770.0	764.5	4.645	4.585	34.345	27.203	30.744	27.196	94.0	13.359	.0	1481.3	6297.6	10.2
780.0	774.4	4.635	4.574	34.352	27.209	30.796	27.202	93.5	13.453	.0	1481.4	6430.4	11.3
790.0	784.3	4.606	4.544	34.360	27.219	30.852	27.212	92.6	13.546	.0	1481.4	6564.1	14.8
800.0	794.2	4.497	4.435	34.353	27.225	30.906	27.219	91.9	13.638	.0	1481.2	6698.6	6.6
810.0	804.1	4.506	4.443	34.361	27.231	30.958	27.224	91.5	13.730	.0	1481.4	6834.1	6.6
820.0	814.0	4.442	4.379	34.360	27.237	31.011	27.230	90.9	13.821	.0	1481.3	6970.5	15.7
830.0	823.9	4.314	4.250	34.361	27.252	31.073	27.245	89.4	13.911	.0	1480.9	7107.8	16.3
840.0	833.8	4.240	4.176	34.366	27.263	31.132	27.256	88.3	14.000	.0	1480.8	7245.9	6.3
850.0	843.7	4.213	4.149	34.375	27.274	31.189	27.267	87.3	14.088	.0	1480.8	7384.9	9.8
860.0	853.6	4.165	4.100	34.382	27.284	31.246	27.277	86.4	14.175	.0	1480.8	7524.8	13.9
870.0	863.5	4.140	4.075	34.390	27.293	31.301	27.287	85.5	14.261	.0	1480.9	7665.5	4.0
880.0	873.4	4.114	4.047	34.395	27.300	31.354	27.293	85.0	14.346	.0	1480.9	7807.1	11.3
890.0	883.3	4.059	3.992	34.404	27.313	31.414	27.306	83.7	14.430	.0	1480.9	7949.5	12.5
900.0	893.2	4.029	3.962	34.411	27.322	31.469	27.315	82.9	14.514	.0	1480.9	8092.7	-.1
910.0	903.1	4.013	3.945	34.414	27.325	31.518	27.318	82.6	14.596	.0	1481.0	8236.7	2.5
920.0	913.0	4.003	3.934	34.417	27.329	31.568	27.322	82.4	14.679	.0	1481.2	8381.5	4.9
930.0	922.9	3.990	3.921	34.418	27.331	31.616	27.324	82.2	14.761	.0	1481.3	8527.2	5.5
940.0	932.8	3.961	3.890	34.424	27.339	31.670	27.332	81.5	14.843	.0	1481.3	8673.6	8.1
950.0	942.7	3.907	3.836	34.425	27.346	31.724	27.339	80.9	14.924	.0	1481.3	8820.9	9.9
960.0	952.6	3.888	3.816	34.431	27.352	31.776	27.345	80.3	15.005	.0	1481.3	8968.9	8.4
970.0	962.5	3.851	3.779	34.433	27.358	31.828	27.350	79.8	15.085	.0	1481.4	9117.7	9.3
980.0	972.4	3.837	3.764	34.442	27.366	31.883	27.359	79.1	15.164	.0	1481.5	9267.3	4.6
990.0	982.3	3.819	3.746	34.444	27.370	31.933	27.363	78.7	15.243	.0	1481.6	9417.7	8.1

Station 82 Latitude 32° 45.70'N Longitude 127° 55.83'W 05 May 1991 GMT 8:00 Bottom 4470 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.771	3.697	34.445	27.376	31.985	27.368	78.2	15.322	.0	1481.5	9568.9	1.7
1020.0	1011.9	3.713	3.638	34.456	27.390	32.092	27.383	76.9	15.477	.0	1481.6	9873.5	9.3
1040.0	1031.7	3.667	3.591	34.461	27.399	32.193	27.391	76.1	15.630	.0	1481.8	10181.1	7.3
1060.0	1051.5	3.605	3.528	34.471	27.413	32.300	27.405	74.8	15.781	.0	1481.9	10491.7	4.6
1080.0	1071.3	3.563	3.484	34.478	27.423	32.402	27.415	73.9	15.929	.0	1482.0	10805.2	7.9
1100.0	1091.0	3.520	3.440	34.483	27.431	32.503	27.424	73.2	16.077	.0	1482.2	11121.6	1.1
1120.0	1110.8	3.471	3.389	34.489	27.441	32.605	27.433	72.3	16.222	.0	1482.3	11440.8	4.4
1140.0	1130.6	3.438	3.355	34.493	27.447	32.703	27.439	71.8	16.366	.0	1482.5	11762.9	1.1
1160.0	1150.3	3.396	3.312	34.497	27.455	32.803	27.447	71.2	16.509	.0	1482.7	12087.8	4.4
1180.0	1170.1	3.354	3.269	34.501	27.462	32.903	27.454	70.5	16.651	.0	1482.8	12415.5	3.2
1200.0	1189.8	3.320	3.233	34.508	27.471	33.003	27.462	69.8	16.791	.0	1483.0	12745.9	9.1
1220.0	1209.6	3.234	3.147	34.514	27.483	33.110	27.475	68.5	16.930	.0	1483.0	13079.1	2.3
1240.0	1229.4	3.192	3.103	34.517	27.490	33.209	27.482	67.9	17.066	.0	1483.1	13414.9	5.6
1260.0	1249.1	3.160	3.071	34.521	27.496	33.307	27.488	67.4	17.201	.0	1483.3	13753.4	.0
1280.0	1268.9	3.122	3.031	34.524	27.502	33.405	27.494	66.8	17.335	.0	1483.5	14094.5	-.3
1300.0	1288.6	3.113	3.021	34.526	27.505	33.500	27.497	66.7	17.469	.0	1483.8	14438.2	7.1
1320.0	1308.4	3.068	2.974	34.531	27.513	33.600	27.505	65.9	17.601	.0	1483.9	14784.5	2.4
1340.0	1328.1	3.024	2.930	34.536	27.521	33.700	27.512	65.2	17.732	.0	1484.1	15133.4	.7
1360.0	1347.9	3.007	2.911	34.540	27.526	33.797	27.517	64.8	17.862	.0	1484.4	15484.8	.7
1380.0	1367.6	2.976	2.878	34.542	27.531	33.893	27.522	64.4	17.992	.0	1484.6	15838.7	5.1
1400.0	1387.3	2.937	2.838	34.543	27.535	33.990	27.526	64.0	18.120	.0	1484.7	16195.1	.7
1420.0	1407.1	2.907	2.807	34.548	27.541	34.088	27.532	63.4	18.247	.0	1484.9	16554.1	5.7
1440.0	1426.8	2.875	2.774	34.551	27.547	34.186	27.538	63.0	18.374	.0	1485.1	16915.5	4.2
1460.0	1446.6	2.839	2.737	34.553	27.552	34.283	27.543	62.5	18.499	.0	1485.3	17279.3	3.4
1480.0	1466.3	2.806	2.702	34.552	27.555	34.378	27.545	62.2	18.624	.0	1485.5	17645.6	-.4
1500.0	1486.0	2.776	2.670	34.555	27.560	34.474	27.550	61.8	18.748	.0	1485.7	18014.3	.5
1520.0	1505.8	2.757	2.650	34.559	27.565	34.571	27.555	61.4	18.871	.0	1486.0	18385.4	7.8
1540.0	1525.5	2.717	2.609	34.561	27.569	34.668	27.560	60.9	18.993	.0	1486.1	18758.9	4.3
1560.0	1545.2	2.690	2.580	34.565	27.575	34.765	27.566	60.4	19.115	.0	1486.4	19134.8	2.3
1580.0	1564.9	2.641	2.530	34.566	27.581	34.863	27.571	59.8	19.235	.0	1486.5	19513.0	4.6
1600.0	1584.7	2.613	2.501	34.570	27.586	34.961	27.577	59.3	19.354	.0	1486.7	19893.5	2.3
1620.0	1604.4	2.592	2.479	34.574	27.591	35.057	27.581	59.0	19.472	.0	1486.9	20276.4	-.4
1640.0	1624.1	2.550	2.435	34.576	27.597	35.155	27.587	58.3	19.590	.0	1487.1	20661.5	4.3
1660.0	1643.8	2.511	2.396	34.581	27.604	35.255	27.594	57.6	19.706	.0	1487.3	21048.9	4.1
1680.0	1663.5	2.472	2.355	34.584	27.610	35.353	27.600	57.0	19.820	.0	1487.4	21438.5	1.1
1700.0	1683.2	2.447	2.329	34.587	27.614	35.448	27.604	56.7	19.934	.0	1487.7	21830.3	3.2
1720.0	1702.9	2.415	2.296	34.589	27.618	35.545	27.608	56.2	20.047	.0	1487.9	22224.3	4.1
1740.0	1722.7	2.395	2.274	34.591	27.622	35.639	27.612	55.9	20.159	.0	1488.1	22620.5	.0
1760.0	1742.4	2.384	2.262	34.593	27.624	35.733	27.614	55.8	20.271	.0	1488.4	23018.9	3.2
1780.0	1762.1	2.358	2.234	34.593	27.627	35.827	27.616	55.6	20.382	.0	1488.6	23419.4	4.7
1800.0	1781.8	2.333	2.209	34.597	27.632	35.924	27.622	55.1	20.493	.0	1488.9	23822.1	5.0
1820.0	1801.5	2.311	2.185	34.598	27.635	36.018	27.625	54.8	20.603	.0	1489.1	24226.9	1.8
1840.0	1821.2	2.287	2.160	34.601	27.639	36.113	27.628	54.4	20.712	.0	1489.3	24633.9	2.4
1860.0	1840.9	2.265	2.136	34.602	27.642	36.208	27.632	54.1	20.820	.0	1489.6	25042.9	1.9
1880.0	1860.6	2.246	2.116	34.604	27.646	36.303	27.635	53.8	20.928	.0	1489.8	25454.0	1.3
1900.0	1880.3	2.225	2.094	34.606	27.649	36.397	27.638	53.5	21.035	.0	1490.1	25867.2	2.5
1920.0	1899.9	2.194	2.061	34.609	27.654	36.494	27.643	53.0	21.142	.0	1490.3	26282.5	1.9
1940.0	1919.6	2.167	2.033	34.612	27.658	36.590	27.647	52.6	21.248	.0	1490.5	26699.8	2.8
1960.0	1939.3	2.152	2.016	34.613	27.660	36.683	27.650	52.4	21.353	.0	1490.8	27119.2	1.6
1980.0	1959.0	2.141	2.004	34.614	27.662	36.776	27.651	52.3	21.457	.0	1491.1	27540.5	3.7
2000.0	1978.7	2.120	1.981	34.616	27.665	36.870	27.654	52.0	21.562	.0	1491.3	27963.9	1.1
2050.0	2027.9	2.073	1.931	34.621	27.674	37.106	27.663	51.2	21.820	.0	1491.9	29031.1	2.6
2096.0	2073.1	2.044	1.899	34.623	27.678	37.318	27.666	50.9	22.055	.0	1492.6	30023.9	.0

Station 83 Latitude 32° 31.90'N Longitude 128° 02.64'W 05 May 1991 GMT 10:57 Bottom 4445 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.519	15.519	33.190	24.464	24.464	24.464	345.8	.000	.0	1506.8	.0	.0
10.0	10.0	15.124	15.122	33.157	24.526	24.570	24.525	340.2	.344	.0	1505.7	1.7	-51.7
20.0	19.9	15.055	15.052	33.141	24.529	24.617	24.528	340.3	.685	.0	1505.6	6.9	8.3
30.0	29.9	14.984	14.980	33.132	24.537	24.670	24.536	339.7	1.025	.0	1505.5	15.4	1.6
40.0	39.8	15.001	14.995	33.236	24.614	24.790	24.612	332.7	1.364	.0	1505.9	27.3	133.7
50.0	49.8	14.878	14.871	33.287	24.680	24.901	24.679	326.7	1.694	.0	1505.7	42.5	83.0
60.0	59.8	14.831	14.822	33.319	24.715	24.980	24.713	323.7	2.019	.0	1505.8	61.0	24.7
70.0	69.7	14.930	14.920	33.375	24.737	25.046	24.735	321.9	2.342	.0	1506.3	82.7	23.3
80.0	79.7	14.583	14.571	33.310	24.762	25.116	24.760	319.8	2.663	.0	1505.3	107.7	17.4
90.0	89.7	14.868	14.854	33.420	24.786	25.183	24.783	317.8	2.982	.0	1506.5	135.8	33.0
100.0	99.6	14.081	14.067	33.289	24.852	25.295	24.849	311.7	3.297	.0	1503.9	167.0	156.7
110.0	109.6	12.537	12.523	33.175	25.073	25.564	25.070	290.6	3.602	.0	1498.8	201.4	309.8
120.0	119.5	11.657	11.642	33.073	25.160	25.697	25.157	282.4	3.889	.0	1495.8	238.7	175.6
130.0	129.5	11.159	11.143	33.131	25.295	25.879	25.293	269.7	4.165	.0	1494.3	278.8	67.4
140.0	139.4	10.779	10.763	33.198	25.415	26.044	25.412	258.4	4.427	.0	1493.2	321.5	42.5
150.0	149.4	9.995	9.978	33.185	25.539	26.215	25.536	246.7	4.679	.0	1490.5	366.8	77.7
160.0	159.3	9.492	9.474	33.226	25.654	26.378	25.651	235.8	4.919	.0	1488.8	414.6	22.6
170.0	169.3	9.457	9.439	33.418	25.810	26.578	25.807	221.2	5.149	.0	1489.1	464.6	119.8
180.0	179.2	9.413	9.393	33.540	25.913	26.726	25.910	211.6	5.364	.0	1489.3	516.9	95.8
190.0	189.1	9.375	9.354	33.742	26.077	26.935	26.073	196.3	5.569	.0	1489.6	571.3	124.3
200.0	199.1	9.329	9.307	33.782	26.115	27.019	26.112	192.8	5.763	.0	1489.6	627.6	56.3
210.0	209.0	9.196	9.173	33.866	26.203	27.152	26.199	184.7	5.953	.0	1489.4	685.8	98.2
220.0	219.0	9.090	9.066	33.913	26.257	27.252	26.253	179.7	6.136	.0	1489.2	745.9	47.8
230.0	228.9	9.008	8.983	33.947	26.297	27.337	26.293	176.1	6.313	.0	1489.1	807.8	36.7
240.0	238.8	8.802	8.776	33.961	26.340	27.427	26.336	172.1	6.488	.0	1488.5	871.4	38.7
250.0	248.8	8.779	8.753	33.993	26.369	27.501	26.365	169.5	6.658	.0	1488.6	936.7	7.1
260.0	258.7	8.556	8.528	34.011	26.418	27.596	26.414	165.0	6.826	.0	1488.0	1003.7	81.7
270.0	268.6	8.454	8.426	34.024	26.444	27.668	26.439	162.7	6.989	.0	1487.8	1072.3	24.3
280.0	278.6	8.252	8.224	34.040	26.487	27.757	26.483	158.7	7.150	.0	1487.2	1142.5	28.4
290.0	288.5	8.070	8.041	34.027	26.504	27.821	26.500	157.1	7.307	.0	1486.6	1214.3	43.8
300.0	298.4	7.903	7.873	34.027	26.529	27.892	26.524	154.8	7.463	.0	1486.2	1287.6	4.0
310.0	308.4	7.836	7.805	34.026	26.538	27.947	26.533	154.1	7.617	.0	1486.1	1362.5	21.6
320.0	318.3	7.719	7.687	34.030	26.558	28.013	26.553	152.3	7.770	.0	1485.8	1438.9	19.8
330.0	328.2	7.647	7.614	34.038	26.575	28.076	26.570	150.8	7.922	.0	1485.7	1516.8	5.7
340.0	338.2	7.575	7.542	34.041	26.588	28.135	26.583	149.7	8.072	.0	1485.6	1596.2	12.7
350.0	348.1	7.446	7.413	34.043	26.608	28.201	26.603	147.9	8.221	.0	1485.2	1677.1	16.5
360.0	358.0	7.192	7.157	34.023	26.627	28.269	26.623	146.0	8.368	.0	1484.4	1759.5	19.7
370.0	368.0	7.058	7.023	34.023	26.647	28.334	26.642	144.2	8.513	.0	1484.0	1843.3	11.2
380.0	377.9	6.883	6.848	34.013	26.662	28.397	26.658	142.7	8.656	.0	1483.5	1928.5	16.4
390.0	387.8	6.787	6.751	34.016	26.678	28.459	26.673	141.3	8.798	.0	1483.3	2015.1	6.5
400.0	397.7	6.693	6.656	34.013	26.688	28.515	26.683	140.5	8.939	.0	1483.1	2103.1	7.6
410.0	407.6	6.539	6.502	34.023	26.716	28.591	26.711	137.8	9.078	.0	1482.6	2192.6	22.2
420.0	417.6	6.469	6.431	34.026	26.728	28.648	26.723	136.8	9.215	.0	1482.5	2283.3	19.6
430.0	427.5	6.348	6.310	34.035	26.751	28.719	26.746	134.6	9.351	.0	1482.2	2375.4	10.5
440.0	437.4	6.275	6.236	34.042	26.766	28.779	26.760	133.3	9.485	.0	1482.1	2468.9	18.4
450.0	447.3	6.190	6.150	34.047	26.780	28.841	26.775	132.0	9.617	.0	1481.9	2563.7	29.2
460.0	457.3	6.058	6.018	34.053	26.802	28.910	26.797	129.9	9.748	.0	1481.6	2659.7	28.3
470.0	467.2	5.991	5.950	34.055	26.813	28.966	26.808	129.0	9.877	.0	1481.5	2757.1	11.3
480.0	477.1	5.889	5.848	34.061	26.830	29.031	26.825	127.4	10.006	.0	1481.2	2855.7	23.6
490.0	487.0	5.790	5.749	34.076	26.854	29.101	26.849	125.2	10.132	.0	1481.0	2955.6	18.6
500.0	496.9	5.618	5.576	34.065	26.866	29.161	26.861	123.9	10.257	.0	1480.5	3056.7	5.7
510.0	506.9	5.535	5.493	34.075	26.885	29.226	26.879	122.2	10.380	.0	1480.3	3159.0	12.4
520.0	516.8	5.460	5.417	34.080	26.897	29.285	26.892	121.0	10.501	.0	1480.2	3262.6	19.7
530.0	526.7	5.401	5.357	34.088	26.911	29.346	26.906	119.8	10.622	.0	1480.1	3367.3	15.1
540.0	536.6	5.353	5.309	34.097	26.924	29.405	26.919	118.6	10.741	.0	1480.1	3473.3	14.8
550.0	546.5	5.257	5.212	34.105	26.942	29.470	26.936	117.0	10.859	.0	1479.9	3580.3	11.8
560.0	556.4	5.181	5.136	34.108	26.952	29.527	26.947	115.9	10.975	.0	1479.7	3688.6	1.3
570.0	566.4	5.092	5.046	34.119	26.971	29.593	26.966	114.2	11.090	.0	1479.5	3798.0	36.4
580.0	576.3	5.039	4.992	34.128	26.985	29.653	26.979	113.0	11.204	.0	1479.5	3908.5	24.4
590.0	586.2	4.963	4.916	34.136	27.000	29.715	26.995	111.5	11.316	.0	1479.3	4020.1	12.4
600.0	596.1	4.931	4.883	34.144	27.010	29.771	27.005	110.6	11.427	.0	1479.4	4132.8	14.1
610.0	606.0	4.889	4.841	34.159	27.027	29.834	27.021	109.1	11.537	.0	1479.4	4246.7	6.8
620.0	615.9	4.791	4.742	34.162	27.040	29.895	27.035	107.8	11.645	.0	1479.2	4361.5	10.3
630.0	625.8	4.710	4.661	34.172	27.057	29.959	27.052	106.2	11.752	.0	1479.0	4477.5	16.5
640.0	635.7	4.690	4.641	34.181	27.066	30.014	27.060	105.5	11.858	.0	1479.1	4594.5	17.1
650.0	645.7	4.667	4.616	34.188	27.075	30.069	27.069	104.7	11.963	.0	1479.2	4712.5	5.0
660.0	655.6	4.643	4.592	34.199	27.086	30.125	27.080	103.8	12.068	.0	1479.3	4831.6	17.9
670.0	665.5	4.629	4.577	34.204	27.092	30.178	27.086	103.2	12.171	.0	1479.4	4951.7	7.1
680.0	675.4	4.605	4.552	34.216	27.104	30.235	27.098	102.2	12.274	.0	1479.4	5072.8	7.1
690.0	685.3	4.587	4.534	34.222	27.111	30.289	27.105	101.6	12.376	.0	1479.5	5194.9	12.4
700.0	695.2	4.537	4.483	34.239	27.130	30.354	27.124	99.9	12.477	.0	1479.5	5318.0	15.9
710.0	705.1	4.530	4.476	34.241	27.132	30.403	27.126	99.7	12.576	.0	1479.7	5442.1	7.7
720.0	715.0	4.521	4.465	34.245	27.136	30.452	27.131	99.4	12.676	.0	1479.8	5567.2	12.4
730.0	724.9	4.479	4.423	34.254	27.148	30.510	27.142	98.4	12.775	.0	1479.8	5693.2	9.5
740.0	734.8	4.441	4.384	34.269	27.164	30.573	27.158	96.9	12.873	.0	1479.8	5820.2	14.8
750.0	744.7	4.394	4.337	34.275	27.174	30.629	27.168	96.0	12.969	.0	1479.8	5948.2	8.6
760.0	754.6	4.410	4.352	34.299	27.191	30.692	27.185	94.5	13.064	.0	1480.1	6077.1	11.3
770.0	764.5	4.398	4.339	34.306	27.198	30.745	27.192	93.9	13.158	.0	1480.2	6207.0	9.5
780.0	774.4	4.360	4.300	34.313	27.208	30.801	27.201	93.1	13.252	.0	1480.2	6337.7	5.1
790.0	784.3	4.333	4.273	34.317	27.215	30.853	27.208	92.5	13.345	.0	1480.3	6469.4	7.5
800.0	794.2	4.308	4.247	34.323	27.222	30.907	27.216	91.8	13.437	.0	1480.3	6602.0	3.9
810.0	804.1	4.289	4.227	34.332	27.231	30.962	27.224	91.1	13.528	.0	1480.4	6735.5	2.2
820.0	814.0	4.250	4.188	34.344	27.245	31.022	27.238	89.8	13.619	.0	1480.4	6869.9	10.7
830.0	823.9	4.214	4.151	34.349	27.253	31.077	27.246	89.1	13.708	.0	1480.5	7005.1	10.7
840.0	833.8	4.189	4.126	34.356	27.261	31.131	27.254	88.4	13.797	.0	1480.5	7141.3	4.5
850.0	843.7	4.161	4.097	34.361	27.268	31.184	27.261	87.7	13.885	.0	1480.6	7278.3	3.4
860.0	853.6	4.125	4.060	34.369	27.278	31.241	27.272	86.8	13.972	.0	1480.6	7416.2	.4
870.0	863.5	4.109	4.043	34.373	27.283	31.291	27.276	86.5	14.059	.0	1480.7	7554.9	1.6
880.0	873.4	4.095	4.028	34.377	27.288	31.342	27.281	86.0	14.145	.0	1480.8	7694.4	10.7
890.0	883.3	4.057	3.991	34.386	27.299	31.400	27.292	85.0	14.231	.0	1480.8	7834.9	11.3
900.0	893.2	4.024	3.956	34.392	27.307	31.454	27.300	84.3	14.316	.0	1480.9	7976.1	9.0
910.0	903.1	3.999	3.931	34.399	27.315	31.508	27.308	83.6	14.399	.0	1480.9	8118.2	8.4
920.0	913.0	3.972	3.903	34.405	27.323	31.563	27.316	82.9	14.483	.0	1481.0	8261.1	8.1
930.0	922.9	3.952	3.883	34.409	27.328	31.614	27.321	82.5	14.565	.0	1481.1	8404.8	7.2
940.0	932.8	3.939	3.869	34.412	27.332	31.664	27.325	82.1	14.648	.0	1481.2	8549.3	.8
950.0	942.7	3.925	3.854	34.416	27.337	31.714	27.329	81.8	14.729	.0	1481.3	8694.6	-3.6
960.0	952.6	3.899	3.827	34.422	27.344	31.768	27.337	81.0	14.811	.0	1481.4	8840.7	.8
970.0	962.5	3.879	3.807	34.424	27.348	31.818	27.341	80.8	14.892	.0	1481.5	8987.6	6.4
980.0	972.4	3.848	3.776	34.429	27.355	31.872	27.348	80.1	14.972	.0	1481.5	9135.4	17.2
990.0	982.3	3.811	3.737	34.435	27.363	31.926	27.356	79.3	15.052	.0	1481.5	9283.8	12.5

Station 83 Latitude 32° 31.90'N Longitude 128° 02.64'W 05 May 1991 GMT 10:57 Bottom 4445 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.787	3.713	34.438	27.368	31.977	27.361	78.9	15.131	.0	1481.6	9433.1	6.7
1020.0	1011.9	3.729	3.654	34.447	27.382	32.083	27.374	77.7	15.288	.0	1481.7	9734.0	3.7
1040.0	1031.7	3.665	3.589	34.458	27.397	32.191	27.389	76.3	15.442	.0	1481.8	10037.9	7.3
1060.0	1051.5	3.630	3.553	34.463	27.404	32.290	27.396	75.7	15.594	.0	1481.9	10344.7	5.8
1080.0	1071.3	3.580	3.501	34.473	27.418	32.396	27.410	74.5	15.744	.0	1482.1	10654.6	4.3
1100.0	1091.0	3.542	3.462	34.479	27.426	32.497	27.418	73.7	15.893	.0	1482.3	10967.4	6.4
1120.0	1110.8	3.478	3.397	34.486	27.438	32.602	27.430	72.6	16.039	.0	1482.3	11283.0	1.4
1140.0	1130.6	3.416	3.334	34.493	27.449	32.706	27.441	71.6	16.183	.0	1482.4	11601.5	6.1
1160.0	1150.3	3.374	3.290	34.499	27.458	32.807	27.450	70.8	16.325	.0	1482.6	11922.7	.9
1180.0	1170.1	3.347	3.262	34.506	27.467	32.908	27.459	70.1	16.466	.0	1482.8	12246.8	9.7
1200.0	1189.8	3.323	3.237	34.508	27.471	33.003	27.462	69.8	16.606	.0	1483.0	12573.5	1.5
1220.0	1209.6	3.277	3.189	34.513	27.479	33.104	27.470	69.1	16.744	.0	1483.2	12903.0	3.2
1240.0	1229.4	3.239	3.150	34.516	27.485	33.202	27.477	68.5	16.882	.0	1483.3	13235.2	2.4
1260.0	1249.1	3.198	3.108	34.521	27.492	33.302	27.484	67.8	17.018	.0	1483.5	13570.1	5.9
1280.0	1268.9	3.158	3.067	34.524	27.499	33.401	27.491	67.2	17.153	.0	1483.7	13907.6	6.2
1300.0	1288.6	3.121	3.028	34.528	27.506	33.500	27.498	66.6	17.287	.0	1483.8	14247.7	2.1
1320.0	1308.4	3.091	2.997	34.531	27.511	33.597	27.502	66.2	17.420	.0	1484.0	14590.4	1.5
1340.0	1328.1	3.034	2.939	34.536	27.520	33.699	27.512	65.3	17.551	.0	1484.1	14935.7	.1
1360.0	1347.9	3.012	2.915	34.538	27.524	33.795	27.516	65.0	17.682	.0	1484.4	15283.6	4.5
1380.0	1367.6	2.986	2.888	34.543	27.530	33.893	27.521	64.5	17.811	.0	1484.6	15634.0	3.3
1400.0	1387.4	2.932	2.833	34.547	27.539	33.994	27.530	63.7	17.939	.0	1484.7	15986.8	7.7
1420.0	1407.1	2.881	2.781	34.551	27.547	34.095	27.538	62.8	18.066	.0	1484.8	16342.2	4.8
1440.0	1426.8	2.860	2.758	34.551	27.549	34.188	27.540	62.7	18.191	.0	1485.1	16700.0	2.2
1460.0	1446.6	2.819	2.717	34.554	27.554	34.286	27.545	62.2	18.316	.0	1485.2	17060.3	.4
1480.0	1466.3	2.794	2.690	34.556	27.559	34.382	27.549	61.8	18.440	.0	1485.5	17423.0	.4
1500.0	1486.0	2.764	2.659	34.560	27.564	34.479	27.555	61.3	18.564	.0	1485.7	17788.0	.7
1520.0	1505.8	2.745	2.638	34.561	27.567	34.574	27.558	61.1	18.686	.0	1485.9	18155.5	.8
1540.0	1525.5	2.723	2.615	34.564	27.571	34.669	27.562	60.8	18.808	.0	1486.2	18525.4	.5
1560.0	1545.2	2.685	2.575	34.568	27.578	34.768	27.568	60.1	18.929	.0	1486.3	18897.6	1.4
1580.0	1564.9	2.665	2.555	34.570	27.581	34.863	27.572	59.9	19.049	.0	1486.6	19272.1	2.3
1600.0	1584.7	2.618	2.507	34.574	27.588	34.963	27.579	59.1	19.168	.0	1486.7	19649.0	6.4
1620.0	1604.4	2.576	2.463	34.577	27.595	35.061	27.585	58.5	19.286	.0	1486.9	20028.1	7.0
1640.0	1624.1	2.554	2.439	34.578	27.598	35.156	27.588	58.2	19.402	.0	1487.1	20409.5	1.7
1660.0	1643.8	2.532	2.416	34.581	27.602	35.252	27.592	57.9	19.518	.0	1487.4	20793.2	5.2
1680.0	1663.5	2.507	2.390	34.583	27.606	35.347	27.596	57.6	19.634	.0	1487.6	21179.2	5.0
1700.0	1683.3	2.472	2.354	34.586	27.611	35.444	27.601	57.0	19.749	.0	1487.8	21567.3	2.6
1720.0	1703.0	2.449	2.329	34.588	27.615	35.539	27.604	56.7	19.862	.0	1488.0	21957.7	.3
1740.0	1722.7	2.431	2.310	34.589	27.617	35.633	27.607	56.5	19.976	.0	1488.3	22350.3	3.5
1760.0	1742.4	2.391	2.269	34.592	27.623	35.732	27.613	55.9	20.088	.0	1488.4	22745.1	2.4
1780.0	1762.1	2.368	2.245	34.594	27.627	35.827	27.617	55.6	20.199	.0	1488.7	23142.0	3.6
1800.0	1781.8	2.348	2.223	34.595	27.630	35.921	27.619	55.3	20.310	.0	1488.9	23541.1	2.4
1820.0	1801.5	2.331	2.204	34.598	27.633	36.015	27.623	55.1	20.421	.0	1489.2	23942.3	1.8
1840.0	1821.2	2.292	2.164	34.600	27.638	36.113	27.628	54.5	20.530	.0	1489.4	24345.7	5.4
1860.0	1840.9	2.267	2.138	34.603	27.643	36.208	27.632	54.1	20.639	.0	1489.6	24751.1	2.7
1880.0	1860.6	2.244	2.114	34.604	27.646	36.303	27.635	53.8	20.747	.0	1489.8	25158.7	1.9
1900.0	1880.3	2.222	2.091	34.607	27.650	36.398	27.639	53.4	20.854	.0	1490.1	25568.3	1.3
1920.0	1900.0	2.208	2.075	34.608	27.652	36.491	27.641	53.3	20.961	.0	1490.3	25980.0	2.2
1940.0	1919.7	2.191	2.057	34.610	27.654	36.585	27.643	53.1	21.067	.0	1490.6	26393.8	2.8
1960.0	1939.3	2.169	2.033	34.612	27.658	36.680	27.647	52.7	21.173	.0	1490.8	26809.6	1.3
1980.0	1959.0	2.144	2.007	34.614	27.662	36.775	27.651	52.3	21.278	.0	1491.1	27227.4	1.6
2000.0	1978.7	2.127	1.989	34.617	27.665	36.869	27.654	52.0	21.382	.0	1491.3	27647.3	1.7
2050.0	2027.9	2.086	1.944	34.619	27.671	37.102	27.660	51.5	21.641	.0	1492.0	28705.7	.2
2098.0	2075.1	2.047	1.901	34.624	27.678	37.327	27.667	50.9	21.887	.0	1492.6	29733.5	.0

Station 84 Latitude 32° 18.28'N Longitude 128° 09.61'W 05 May 1991 GMT 13:43 Bottom 4360 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.830	15.830	33.178	24.386	24.386	24.386	353.3	.000	.0	1507.8	.0	.0
10.0	10.0	15.241	15.240	33.184	24.521	24.565	24.521	340.7	.350	.0	1506.1	1.8	13.9
20.0	19.9	15.160	15.158	33.171	24.529	24.617	24.528	340.3	.690	.0	1506.0	6.9	7.5
30.0	29.9	15.130	15.125	33.178	24.541	24.674	24.540	339.4	1.030	.0	1506.1	15.5	5.4
40.0	39.9	14.863	14.857	33.186	24.605	24.782	24.604	333.6	1.368	.0	1505.4	27.4	111.7
50.0	49.8	14.547	14.540	33.210	24.691	24.913	24.690	325.6	1.696	.0	1504.6	42.7	15.0
60.0	59.8	14.453	14.444	33.216	24.717	24.982	24.715	323.5	2.021	.0	1504.4	61.2	47.5
70.0	69.7	14.384	14.374	33.220	24.734	25.044	24.732	322.1	2.344	.0	1504.4	83.0	16.5
80.0	79.7	14.668	14.656	33.317	24.749	25.103	24.747	321.0	2.666	.0	1505.6	107.9	21.5
90.0	89.7	15.027	15.013	33.442	24.769	25.166	24.766	319.5	2.986	.0	1507.0	136.1	24.8
100.0	99.6	14.899	14.884	33.480	24.826	25.267	24.823	314.3	3.302	.0	1506.8	167.4	122.3
110.0	109.6	13.568	13.552	33.257	24.933	25.421	24.929	304.2	3.610	.0	1502.4	201.8	101.6
120.0	119.5	11.417	11.403	33.061	25.194	25.732	25.191	279.1	3.902	.0	1494.9	239.2	153.8
130.0	129.5	11.408	11.392	33.184	25.292	25.875	25.289	270.1	4.177	.0	1495.2	279.4	100.3
140.0	139.4	11.054	11.037	33.237	25.396	26.025	25.394	260.3	4.441	.0	1494.2	322.3	187.2
150.0	149.4	10.357	10.340	33.271	25.545	26.221	25.542	246.2	4.694	.0	1491.9	367.8	114.4
160.0	159.3	9.633	9.616	33.314	25.699	26.422	25.697	231.5	4.932	.0	1489.5	415.6	130.7
170.0	169.3	9.495	9.476	33.430	25.813	26.581	25.810	220.9	5.158	.0	1489.3	465.8	27.6
180.0	179.2	9.392	9.372	33.564	25.934	26.748	25.931	209.6	5.374	.0	1489.2	518.2	70.6
190.0	189.1	9.285	9.264	33.611	25.989	26.848	25.986	204.5	5.581	.0	1489.1	572.7	82.9
200.0	199.1	9.097	9.075	33.690	26.081	26.986	26.077	196.0	5.781	.0	1488.6	629.2	64.2
210.0	209.0	9.086	9.063	33.757	26.135	27.085	26.132	191.0	5.976	.0	1488.8	687.6	55.4
220.0	219.0	8.961	8.937	33.819	26.203	27.199	26.199	184.7	6.164	.0	1488.6	747.9	82.3
230.0	228.9	8.806	8.781	33.857	26.258	27.300	26.254	179.7	6.346	.0	1488.2	810.1	39.3
240.0	238.9	8.637	8.612	33.886	26.307	27.394	26.303	175.2	6.523	.0	1487.8	874.0	37.2
250.0	248.8	8.521	8.495	33.929	26.358	27.492	26.354	170.4	6.695	.0	1487.6	939.7	12.9
260.0	258.7	8.434	8.407	33.953	26.391	27.570	26.387	167.4	6.864	.0	1487.4	1007.1	29.0
270.0	268.6	8.216	8.189	33.976	26.441	27.667	26.437	162.7	7.029	.0	1486.8	1076.1	24.5
280.0	278.6	8.061	8.032	33.999	26.483	27.755	26.479	158.9	7.190	.0	1486.4	1146.7	45.3
290.0	288.5	7.788	7.760	33.998	26.523	27.842	26.519	155.1	7.347	.0	1485.5	1218.9	28.6
300.0	298.5	7.691	7.662	34.001	26.539	27.904	26.535	153.7	7.502	.0	1485.3	1292.6	23.0
310.0	308.4	7.574	7.544	34.009	26.562	27.973	26.558	151.6	7.655	.0	1485.0	1367.9	.7
320.0	318.3	7.478	7.447	34.008	26.575	28.033	26.571	150.5	7.806	.0	1484.8	1444.7	31.4
330.0	328.2	7.342	7.310	34.004	26.591	28.095	26.587	149.0	7.955	.0	1484.5	1522.9	5.4
340.0	338.2	7.198	7.166	34.008	26.614	28.165	26.610	146.9	8.103	.0	1484.1	1602.6	14.7
350.0	348.1	7.053	7.021	34.017	26.642	28.238	26.637	144.4	8.249	.0	1483.7	1683.8	62.7
360.0	358.0	6.719	6.686	34.021	26.690	28.335	26.686	139.7	8.391	.0	1482.5	1766.4	27.5
370.0	368.0	6.545	6.511	34.021	26.713	28.406	26.709	137.5	8.528	.0	1482.0	1850.4	2.0
380.0	377.9	6.416	6.382	34.026	26.735	28.474	26.730	135.5	8.665	.0	1481.6	1935.7	21.9
390.0	387.8	6.317	6.282	34.029	26.750	28.535	26.745	134.1	8.800	.0	1481.4	2022.4	11.6
400.0	397.7	6.273	6.238	34.033	26.758	28.590	26.754	133.4	8.934	.0	1481.4	2110.4	7.8
410.0	407.7	6.154	6.119	34.037	26.777	28.655	26.772	131.7	9.067	.0	1481.1	2199.7	45.3
420.0	417.6	6.076	6.040	34.043	26.792	28.716	26.787	130.4	9.198	.0	1481.0	2290.4	5.4
430.0	427.5	6.024	5.987	34.049	26.803	28.774	26.798	129.4	9.328	.0	1480.9	2382.3	29.8
440.0	437.4	5.881	5.843	34.048	26.820	28.838	26.816	127.7	9.456	.0	1480.5	2475.5	16.3
450.0	447.4	5.783	5.745	34.053	26.836	28.901	26.831	126.3	9.583	.0	1480.3	2569.9	22.4
460.0	457.3	5.718	5.679	34.063	26.852	28.963	26.847	124.9	9.709	.0	1480.2	2665.6	43.8
470.0	467.2	5.649	5.610	34.072	26.867	29.025	26.863	123.4	9.833	.0	1480.1	2762.6	7.4
480.0	477.1	5.546	5.506	34.072	26.881	29.085	26.876	122.2	9.956	.0	1479.8	2860.7	9.5
490.0	487.0	5.510	5.469	34.083	26.893	29.144	26.888	121.1	10.078	.0	1479.9	2960.1	30.3
500.0	497.0	5.485	5.443	34.095	26.906	29.202	26.901	120.0	10.198	.0	1479.9	3060.6	8.9
510.0	506.9	5.401	5.359	34.092	26.914	29.257	26.909	119.3	10.317	.0	1479.8	3162.4	18.8
520.0	516.8	5.346	5.304	34.102	26.928	29.318	26.923	118.0	10.436	.0	1479.7	3265.3	10.9
530.0	526.7	5.311	5.267	34.114	26.942	29.378	26.937	116.8	10.553	.0	1479.8	3369.4	17.7
540.0	536.6	5.329	5.285	34.138	26.959	29.440	26.954	115.3	10.669	.0	1480.0	3474.6	15.1
550.0	546.5	5.204	5.160	34.143	26.977	29.506	26.972	113.6	10.784	.0	1479.7	3580.9	21.2
560.0	556.5	5.181	5.135	34.165	26.998	29.572	26.992	111.7	10.897	.0	1479.8	3688.4	16.8
570.0	566.4	5.128	5.082	34.173	27.010	29.631	27.005	110.6	11.008	.0	1479.7	3797.0	15.0
580.0	576.3	5.044	4.997	34.177	27.023	29.691	27.018	109.4	11.118	.0	1479.6	3906.7	11.2
590.0	586.2	4.908	4.862	34.169	27.032	29.748	27.027	108.4	11.227	.0	1479.2	4017.4	7.7
600.0	596.1	4.850	4.803	34.177	27.045	29.808	27.040	107.2	11.335	.0	1479.1	4129.3	22.3
610.0	606.0	4.794	4.746	34.181	27.055	29.864	27.050	106.4	11.441	.0	1479.0	4242.2	9.1
620.0	615.9	4.761	4.713	34.191	27.066	29.921	27.061	105.4	11.547	.0	1479.1	4356.1	3.0
630.0	625.8	4.683	4.634	34.201	27.083	29.985	27.078	103.7	11.652	.0	1478.9	4471.0	27.9
640.0	635.8	4.647	4.597	34.212	27.096	30.044	27.090	102.6	11.755	.0	1479.0	4587.0	10.9
650.0	645.7	4.631	4.580	34.223	27.107	30.101	27.101	101.7	11.857	.0	1479.1	4704.0	11.8
660.0	655.6	4.598	4.547	34.234	27.119	30.159	27.113	100.6	11.958	.0	1479.1	4822.0	10.3
670.0	665.5	4.514	4.463	34.242	27.134	30.222	27.129	99.1	12.058	.0	1478.9	4941.0	12.1
680.0	675.4	4.475	4.423	34.249	27.144	30.278	27.139	98.2	12.157	.0	1479.0	5061.0	18.2
690.0	685.3	4.457	4.404	34.256	27.152	30.332	27.146	97.6	12.255	.0	1479.0	5181.9	7.4
700.0	695.2	4.434	4.381	34.257	27.156	30.382	27.150	97.3	12.352	.0	1479.1	5303.8	13.2
710.0	705.1	4.399	4.345	34.266	27.167	30.439	27.161	96.3	12.449	.0	1479.1	5426.6	10.3
720.0	715.0	4.410	4.355	34.283	27.179	30.496	27.173	95.3	12.545	.0	1479.4	5550.4	9.7
730.0	724.9	4.392	4.337	34.298	27.192	30.556	27.186	94.1	12.639	.0	1479.5	5675.1	15.0
740.0	734.8	4.367	4.311	34.306	27.202	30.612	27.196	93.3	12.733	.0	1479.6	5800.8	13.6
750.0	744.7	4.341	4.284	34.318	27.214	30.670	27.208	92.2	12.826	.0	1479.6	5927.3	11.2
760.0	754.6	4.300	4.242	34.328	27.227	30.729	27.221	91.0	12.917	.0	1479.6	6054.8	11.8
770.0	764.5	4.267	4.209	34.335	27.235	30.784	27.229	90.2	13.008	.0	1479.7	6183.2	15.0
780.0	774.4	4.242	4.183	34.341	27.243	30.837	27.236	89.6	13.098	.0	1479.7	6312.4	14.2
790.0	784.3	4.210	4.151	34.351	27.254	30.895	27.248	88.6	13.187	.0	1479.8	6442.6	3.9
800.0	794.2	4.190	4.130	34.359	27.263	30.950	27.257	87.8	13.275	.0	1479.9	6573.6	14.5
810.0	804.1	4.168	4.107	34.359	27.265	30.999	27.259	87.6	13.363	.0	1480.0	6705.5	3.3
820.0	814.0	4.148	4.086	34.368	27.274	31.054	27.268	86.9	13.450	.0	1480.0	6838.2	11.8
830.0	823.9	4.129	4.066	34.376	27.283	31.108	27.276	86.1	13.537	.0	1480.1	6971.8	12.1
840.0	833.8	4.103	4.040	34.382	27.291	31.163	27.284	85.4	13.622	.0	1480.2	7106.2	3.4
850.0	843.7	4.077	4.013	34.387	27.297	31.215	27.290	84.8	13.708	.0	1480.3	7241.4	2.8
860.0	853.6	4.068	4.004	34.391	27.301	31.265	27.295	84.6	13.792	.0	1480.4	7377.5	9.8
870.0	863.5	4.048	3.983	34.396	27.308	31.318	27.301	84.0	13.876	.0	1480.5	7514.5	4.0
880.0	873.4	4.016	3.950	34.402	27.316	31.372	27.309	83.2	13.960	.0	1480.5	7652.2	4.0
890.0	883.3	3.977	3.910	34.405	27.322	31.425	27.315	82.7	14.043	.0	1480.5	7790.8	8.4
900.0	893.2	3.947	3.880	34.413	27.331	31.480	27.325	81.8	14.125	.0	1480.6	7930.2	6.6
910.0	903.1	3.916	3.848	34.419	27.340	31.535	27.333	81.1	14.207	.0	1480.6	8070.3	4.0
920.0	913.0	3.899	3.831	34.423	27.345	31.586	27.338	80.7	14.288	.0	1480.7	8211.3	4.8
930.0	922.9	3.869	3.800	34.425	27.350	31.637	27.343	80.2	14.368	.0	1480.8	8353.1	2.8
940.0	932.8	3.865	3.795	34.431	27.355	31.688	27.348	79.8	14.448	.0	1480.9	8495.6	4.6
950.0	942.7	3.851	3.780	34.434	27.359	31.738	27.352	79.5	14.528	.0	1481.0	8639.0	4.6
960.0	952.6	3.818	3.747	34.437	27.364	31.790	27.357	79.0	14.607	.0	1481.1	8783.1	9.3
970.0	962.5	3.762	3.691	34.441	27.373	31.846	27.366	78.2	14.686	.0	1481.0	8928.0	9.8
980.0	972.4	3.739	3.667	34.447	27.380	31.899	27.373	77.5	14.763	.0	1481.1	9073.6	4.6
990.0	982.3	3.728	3.655	34.453	27.386	31.951	27.379	77.0	14.841	.0	1481.2	9220.0	6.9

Station 84 Latitude 32° 18.28'N Longitude 128° 09.61'W 05 May 1991 GMT 13:43 Bottom 4360 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.711	3.638	34.459	27.392	32.003	27.385	76.5	14.917	.0	1481.3	9367.2	8.1
1020.0	1011.9	3.673	3.598	34.466	27.402	32.105	27.394	75.7	15.070	.0	1481.5	9663.8	6.9
1040.0	1031.7	3.639	3.563	34.473	27.411	32.206	27.404	74.9	15.220	.0	1481.7	9963.3	.8
1060.0	1051.5	3.608	3.530	34.478	27.419	32.306	27.411	74.3	15.370	.0	1481.9	10265.8	2.9
1080.0	1071.3	3.567	3.488	34.485	27.428	32.407	27.420	73.5	15.517	.0	1482.0	10571.1	2.9
1100.0	1091.0	3.528	3.448	34.489	27.435	32.507	27.428	72.8	15.664	.0	1482.2	10879.4	1.7
1120.0	1110.8	3.480	3.398	34.494	27.444	32.608	27.436	72.1	15.809	.0	1482.3	11190.5	3.2
1140.0	1130.6	3.448	3.365	34.498	27.450	32.706	27.442	71.6	15.953	.0	1482.5	11504.4	5.5
1160.0	1150.3	3.404	3.320	34.503	27.459	32.807	27.451	70.8	16.095	.0	1482.7	11821.2	5.0
1180.0	1170.1	3.352	3.267	34.509	27.469	32.910	27.461	69.9	16.236	.0	1482.8	12140.7	7.3
1200.0	1189.8	3.315	3.229	34.514	27.476	33.009	27.468	69.3	16.375	.0	1483.0	12462.9	2.9
1220.0	1209.6	3.264	3.177	34.519	27.485	33.110	27.476	68.5	16.513	.0	1483.1	12787.8	5.6
1240.0	1229.4	3.243	3.154	34.520	27.487	33.205	27.479	68.3	16.650	.0	1483.4	13115.4	10.9
1260.0	1249.1	3.208	3.118	34.524	27.495	33.304	27.486	67.7	16.786	.0	1483.5	13445.7	1.8
1280.0	1268.9	3.166	3.074	34.529	27.502	33.404	27.493	67.0	16.920	.0	1483.7	13778.6	2.7
1300.0	1288.6	3.131	3.038	34.532	27.508	33.501	27.499	66.5	17.054	.0	1483.9	14114.2	3.0
1320.0	1308.4	3.086	2.992	34.536	27.516	33.602	27.507	65.8	17.186	.0	1484.0	14452.3	3.3
1340.0	1328.1	3.049	2.953	34.539	27.522	33.700	27.513	65.2	17.317	.0	1484.2	14792.9	2.4
1360.0	1347.9	3.008	2.911	34.542	27.528	33.799	27.519	64.6	17.446	.0	1484.4	15136.2	1.8
1380.0	1367.6	2.977	2.879	34.546	27.534	33.896	27.525	64.1	17.575	.0	1484.6	15481.9	4.2
1400.0	1387.4	2.936	2.837	34.549	27.540	33.994	27.531	63.6	17.703	.0	1484.7	15830.1	3.0
1420.0	1407.1	2.902	2.802	34.552	27.545	34.092	27.537	63.0	17.829	.0	1484.9	16180.8	3.3
1440.0	1426.8	2.873	2.771	34.554	27.550	34.189	27.541	62.7	17.955	.0	1485.1	16534.0	3.4
1460.0	1446.6	2.849	2.747	34.556	27.553	34.284	27.544	62.4	18.080	.0	1485.4	16889.6	2.5
1480.0	1466.3	2.823	2.718	34.559	27.559	34.381	27.549	62.0	18.204	.0	1485.6	17247.6	4.0
1500.0	1486.0	2.787	2.681	34.562	27.564	34.478	27.555	61.5	18.328	.0	1485.8	17608.0	-.1
1520.0	1505.8	2.741	2.634	34.564	27.570	34.577	27.560	60.9	18.450	.0	1485.9	17970.9	3.4
1540.0	1525.5	2.703	2.595	34.567	27.575	34.674	27.566	60.3	18.571	.0	1486.1	18336.1	1.4
1560.0	1545.2	2.673	2.564	34.569	27.579	34.770	27.570	60.0	18.691	.0	1486.3	18703.6	2.5
1580.0	1564.9	2.644	2.534	34.571	27.584	34.867	27.574	59.5	18.811	.0	1486.5	19073.4	3.1
1600.0	1584.7	2.620	2.508	34.573	27.588	34.962	27.578	59.2	18.930	.0	1486.7	19445.6	3.4
1620.0	1604.4	2.578	2.465	34.578	27.595	35.062	27.586	58.5	19.048	.0	1486.9	19820.1	4.3
1640.0	1624.1	2.543	2.429	34.580	27.600	35.159	27.590	58.0	19.164	.0	1487.1	20196.8	2.3
1660.0	1643.8	2.522	2.407	34.581	27.603	35.253	27.593	57.8	19.280	.0	1487.3	20575.8	1.4
1680.0	1663.6	2.487	2.370	34.585	27.609	35.351	27.599	57.2	19.395	.0	1487.5	20957.1	2.0
1700.0	1683.3	2.472	2.354	34.585	27.611	35.444	27.601	57.1	19.509	.0	1487.8	21340.5	3.2
1720.0	1703.0	2.441	2.322	34.588	27.615	35.541	27.605	56.6	19.623	.0	1488.0	21726.2	2.9
1740.0	1722.7	2.403	2.283	34.591	27.622	35.639	27.611	56.0	19.735	.0	1488.2	22114.1	3.8
1760.0	1742.4	2.380	2.258	34.592	27.624	35.733	27.614	55.8	19.847	.0	1488.4	22504.1	6.2
1780.0	1762.1	2.355	2.232	34.595	27.629	35.829	27.619	55.3	19.958	.0	1488.6	22896.3	2.7
1800.0	1781.8	2.325	2.200	34.598	27.633	35.926	27.623	54.9	20.068	.0	1488.8	23290.6	4.7
1820.0	1801.5	2.298	2.172	34.601	27.638	36.022	27.628	54.4	20.178	.0	1489.0	23687.1	3.6
1840.0	1821.2	2.275	2.148	34.602	27.641	36.116	27.631	54.2	20.286	.0	1489.3	24085.6	2.1
1860.0	1840.9	2.250	2.122	34.605	27.645	36.212	27.635	53.7	20.394	.0	1489.5	24486.3	4.8
1880.0	1860.6	2.219	2.089	34.607	27.650	36.309	27.640	53.3	20.501	.0	1489.7	24889.0	3.0
1900.0	1880.3	2.198	2.066	34.609	27.653	36.403	27.643	53.0	20.608	.0	1490.0	25293.8	.7
1920.0	1900.0	2.188	2.056	34.611	27.655	36.496	27.645	52.9	20.713	.0	1490.3	25700.7	4.5
1940.0	1919.7	2.167	2.032	34.612	27.659	36.590	27.648	52.5	20.819	.0	1490.5	26109.6	.4
1960.0	1939.3	2.150	2.015	34.613	27.661	36.683	27.650	52.4	20.924	.0	1490.8	26520.5	.2
1980.0	1959.0	2.135	1.998	34.615	27.663	36.777	27.652	52.2	21.028	.0	1491.0	26933.4	2.8
2000.0	1978.7	2.117	1.979	34.616	27.666	36.870	27.655	51.9	21.132	.0	1491.3	27348.4	2.2
2050.0	2027.9	2.085	1.943	34.620	27.672	37.103	27.661	51.4	21.391	.0	1492.0	28394.5	1.7
2100.0	2077.1	2.050	1.904	34.623	27.677	37.335	27.666	51.0	21.647	.0	1492.7	29453.1	-.3
2104.0	2081.1	2.049	1.902	34.624	27.678	37.354	27.666	51.0	21.667	.0	1492.8	29538.3	.0

Station 85 Latitude 32° 04.85'N Longitude 128° 16.37'W 05 May 1991 GMT 16:28 Bottom 4325 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta 10^8m³/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m³/s²	N^2 10^6/s²
.0	.0	16.030	16.030	33.367	24.486	24.486	24.486	343.8	.000	.0	1508.6	.0	.0
10.0	10.0	15.950	15.949	33.460	24.576	24.619	24.575	335.5	.342	.0	1508.7	1.7	51.5
20.0	19.9	15.863	15.860	33.458	24.594	24.682	24.593	334.1	.677	.0	1508.5	6.8	16.4
30.0	29.9	15.826	15.821	33.460	24.605	24.737	24.604	333.4	1.010	.0	1508.6	15.2	5.3
40.0	39.8	15.809	15.803	33.461	24.610	24.786	24.608	333.2	1.343	.0	1508.7	26.9	4.4
50.0	49.8	15.774	15.766	33.488	24.638	24.858	24.636	330.8	1.676	.0	1508.8	42.0	124.2
60.0	59.8	15.546	15.537	33.541	24.730	24.994	24.728	322.3	2.002	.0	1508.3	60.3	62.6
70.0	69.7	15.525	15.515	33.558	24.748	25.056	24.746	320.9	2.3[illegible]	.0	1508.4	81.8	17.0
80.0	79.7	15.563	15.550	33.599	24.771	25.124	24.769	319.0	2.6[illegible]	.0	1508.7	106.6	16.7
90.0	89.7	15.568	15.554	33.638	24.801	25.197	24.798	316.5	2.962	.0	1509.0	134.5	8.8
100.0	99.6	15.586	15.571	33.677	24.827	25.267	24.824	314.3	3.277	.0	1509.2	165.5	42.8
110.0	109.6	14.942	14.926	33.626	24.930	25.415	24.926	304.8	3.587	.0	1507.3	199.7	87.2
120.0	119.5	13.509	13.492	33.487	25.123	25.655	25.119	286.4	3.884	.0	1502.6	236.9	248.3
130.0	129.5	12.873	12.856	33.475	25.240	25.819	25.237	275.4	4.163	.0	1500.6	277.0	85.1
140.0	139.4	12.002	11.984	33.443	25.383	26.009	25.380	261.8	4.433	.0	1497.8	319.7	213.7
150.0	149.4	11.394	11.375	33.402	25.465	26.136	25.461	254.2	4.690	.0	1495.8	365.1	61.4
160.0	159.3	10.390	10.371	33.394	25.635	26.355	25.632	237.9	4.933	.0	1492.3	413.0	-2.4
170.0	169.3	10.356	10.336	33.382	25.632	26.397	25.629	238.4	5.172	.0	1492.4	463.3	72.6
180.0	179.2	9.786	9.766	33.424	25.761	26.573	25.758	226.1	5.404	.0	1490.5	515.9	168.2
190.0	189.2	9.459	9.438	33.510	25.882	26.740	25.878	214.8	5.624	.0	1489.6	570.7	120.4
200.0	199.1	9.232	9.211	33.600	25.989	26.893	25.985	204.8	5.833	.0	1489.0	627.7	51.9
210.0	209.1	9.069	9.046	33.704	26.096	27.047	26.093	194.7	6.034	.0	1488.7	686.7	73.5
220.0	219.0	8.981	8.958	33.804	26.189	27.185	26.185	186.1	6.226	.0	1488.7	747.6	80.0
230.0	228.9	8.980	8.955	33.875	26.245	27.285	26.241	181.0	6.410	.0	1488.9	810.4	42.8
240.0	238.9	8.857	8.831	33.899	26.283	27.369	26.279	177.5	6.589	.0	1488.6	875.0	32.0
250.0	248.8	8.660	8.633	33.933	26.341	27.473	26.337	172.1	6.765	.0	1488.1	941.3	56.8
260.0	258.7	8.512	8.486	33.952	26.378	27.556	26.374	168.7	6.936	.0	1487.7	1009.4	74.1
270.0	268.7	8.389	8.361	33.966	26.408	27.633	26.404	166.0	7.103	.0	1487.5	1079.1	68.5
280.0	278.6	8.207	8.178	33.988	26.453	27.724	26.448	161.8	7.268	.0	1487.0	1150.5	67.6
290.0	288.5	8.095	8.066	33.994	26.475	27.792	26.470	159.9	7.428	.0	1486.7	1223.5	19.0
300.0	298.5	7.907	7.878	34.007	26.512	27.876	26.508	156.4	7.587	.0	1486.2	1298.1	54.9
310.0	308.4	7.718	7.688	34.000	26.535	27.945	26.530	154.3	7.741	.0	1485.6	1374.2	30.9
320.0	318.3	7.503	7.472	34.002	26.567	28.024	26.563	151.2	7.894	.0	1484.9	1451.8	29.7
330.0	328.3	7.351	7.319	34.004	26.590	28.094	26.586	149.1	8.044	.0	1484.5	1531.0	13.6
340.0	338.2	7.210	7.178	34.010	26.615	28.165	26.610	146.9	8.192	.0	1484.1	1611.6	20.0
350.0	348.1	7.115	7.082	34.014	26.631	28.227	26.626	145.5	8.339	.0	1483.9	1693.7	16.7
360.0	358.0	6.999	6.965	34.015	26.648	28.291	26.643	143.9	8.484	.0	1483.6	1777.2	16.7
370.0	368.0	6.837	6.803	34.014	26.669	28.358	26.664	141.9	8.627	.0	1483.1	1862.1	19.0
380.0	377.9	6.667	6.633	34.013	26.691	28.427	26.686	139.9	8.768	.0	1482.6	1948.4	14.9
390.0	387.8	6.612	6.577	34.013	26.698	28.481	26.694	139.3	8.908	.0	1482.6	2036.2	40.7
400.0	397.8	6.430	6.395	34.016	26.725	28.555	26.720	136.7	9.045	.0	1482.0	2125.2	12.8
410.0	407.7	6.306	6.269	34.021	26.745	28.622	26.740	134.9	9.181	.0	1481.7	2215.7	6.1
420.0	417.6	6.217	6.181	34.022	26.757	28.681	26.752	133.8	9.315	.0	1481.5	2307.5	26.6
430.0	427.5	6.102	6.065	34.026	26.775	28.745	26.770	132.1	9.448	.0	1481.2	2400.6	12.5
440.0	437.5	5.990	5.952	34.029	26.792	28.809	26.787	130.6	9.580	.0	1480.9	2495.0	20.4
450.0	447.4	5.848	5.810	34.041	26.819	28.883	26.814	127.9	9.709	.0	1480.5	2590.7	28.8
460.0	457.3	5.784	5.745	34.042	26.828	28.938	26.823	127.2	9.837	.0	1480.4	2687.6	5.7
470.0	467.2	5.687	5.647	34.049	26.845	29.002	26.840	125.6	9.963	.0	1480.2	2785.8	.1
480.0	477.1	5.516	5.476	34.047	26.864	29.069	26.860	123.7	10.088	.0	1479.7	2885.3	30.3
490.0	487.0	5.457	5.417	34.056	26.878	29.129	26.873	122.5	10.211	.0	1479.6	2986.0	6.5
500.0	497.0	5.345	5.304	34.058	26.893	29.191	26.888	121.0	10.333	.0	1479.3	3087.9	5.3
510.0	506.9	5.310	5.269	34.066	26.904	29.248	26.899	120.1	10.454	.0	1479.4	3191.0	31.7
520.0	516.8	5.183	5.141	34.070	26.922	29.314	26.917	118.4	10.573	.0	1479.0	3295.2	16.5
530.0	526.7	5.121	5.079	34.075	26.933	29.372	26.928	117.4	10.691	.0	1478.9	3400.7	7.7
540.0	536.6	5.054	5.011	34.079	26.944	29.429	26.939	116.3	10.807	.0	1478.8	3507.3	7.7
550.0	546.6	4.995	4.951	34.092	26.961	29.492	26.956	114.8	10.923	.0	1478.8	3615.0	7.1
560.0	556.5	4.952	4.908	34.105	26.976	29.554	26.971	113.4	11.037	.0	1478.8	3723.9	10.6
570.0	566.4	4.881	4.836	34.107	26.986	29.611	26.981	112.5	11.150	.0	1478.6	3833.9	13.5
580.0	576.3	4.822	4.776	34.117	27.000	29.672	26.995	111.2	11.262	.0	1478.6	3945.0	11.5
590.0	586.2	4.815	4.769	34.131	27.013	29.729	27.007	110.2	11.372	.0	1478.7	4057.1	5.3
600.0	596.1	4.823	4.776	34.150	27.027	29.789	27.021	108.9	11.482	.0	1478.9	4170.4	14.4
610.0	606.0	4.770	4.722	34.165	27.045	29.854	27.040	107.3	11.590	.0	1478.9	4284.8	11.5
620.0	616.0	4.773	4.724	34.182	27.058	29.913	27.052	106.2	11.696	.0	1479.1	4400.2	3.3
630.0	625.9	4.734	4.684	34.191	27.070	29.971	27.064	105.1	11.802	.0	1479.1	4516.6	14.4
640.0	635.8	4.671	4.621	34.211	27.093	30.040	27.087	103.0	11.906	.0	1479.1	4634.1	23.5
650.0	645.7	4.658	4.607	34.225	27.105	30.099	27.100	101.9	12.009	.0	1479.2	4752.6	10.0
660.0	655.6	4.594	4.543	34.228	27.115	30.155	27.109	101.0	12.110	.0	1479.1	4872.1	6.8
670.0	665.5	4.595	4.544	34.237	27.122	30.208	27.116	100.4	12.211	.0	1479.3	4992.6	8.9
680.0	675.4	4.568	4.515	34.250	27.135	30.267	27.129	99.3	12.311	.0	1479.3	5114.1	8.6
690.0	685.3	4.536	4.482	34.265	27.150	30.329	27.145	97.8	12.409	.0	1479.4	5236.6	9.5
700.0	695.2	4.507	4.453	34.269	27.157	30.382	27.151	97.3	12.507	.0	1479.4	5360.0	3.6
710.0	705.1	4.480	4.425	34.276	27.166	30.436	27.160	96.5	12.604	.0	1479.5	5484.4	12.7
720.0	715.0	4.413	4.358	34.279	27.175	30.492	27.169	95.7	12.700	.0	1479.4	5609.7	2.4
730.0	724.9	4.431	4.375	34.291	27.183	30.545	27.176	95.1	12.795	.0	1479.6	5736.0	9.8
740.0	734.8	4.420	4.364	34.305	27.195	30.604	27.189	94.0	12.890	.0	1479.8	5863.2	4.2
750.0	744.8	4.397	4.340	34.312	27.203	30.658	27.197	93.3	12.984	.0	1479.9	5991.3	9.8
760.0	754.7	4.431	4.372	34.331	27.215	30.715	27.208	92.4	13.076	.0	1480.2	6120.4	9.8
770.0	764.6	4.426	4.367	34.340	27.222	30.768	27.216	91.7	13.169	.0	1480.3	6250.3	8.0
780.0	774.5	4.373	4.314	34.351	27.237	30.829	27.231	90.4	13.260	.0	1480.3	6381.2	14.2
790.0	784.4	4.341	4.281	34.353	27.242	30.881	27.236	89.9	13.350	.0	1480.3	6512.9	6.9
800.0	794.3	4.292	4.231	34.356	27.250	30.935	27.243	89.2	13.440	.0	1480.3	6645.5	4.5
810.0	804.2	4.254	4.193	34.358	27.255	30.987	27.249	88.7	13.529	.0	1480.3	6779.1	7.2
820.0	814.1	4.225	4.163	34.362	27.261	31.039	27.255	88.2	13.617	.0	1480.4	6913.4	.4
830.0	824.0	4.182	4.119	34.363	27.267	31.091	27.260	87.7	13.705	.0	1480.3	7048.7	18.0
840.0	833.9	4.121	4.058	34.365	27.275	31.147	27.269	86.9	13.792	.0	1480.3	7184.8	8.9
850.0	843.8	4.054	3.991	34.373	27.288	31.207	27.282	85.6	13.878	.0	1480.2	7321.7	4.8
860.0	853.7	4.034	3.970	34.379	27.296	31.260	27.289	85.0	13.964	.0	1480.2	7459.5	3.9
870.0	863.6	4.000	3.935	34.384	27.303	31.314	27.296	84.3	14.048	.0	1480.3	7598.2	6.3
880.0	873.5	3.983	3.918	34.386	27.306	31.364	27.300	84.0	14.133	.0	1480.4	7737.6	1.6
890.0	883.3	3.978	3.912	34.392	27.312	31.415	27.305	83.6	14.217	.0	1480.5	7877.9	8.1
900.0	893.3	3.939	3.872	34.398	27.321	31.470	27.314	82.8	14.300	.0	1480.5	8019.0	1.3
910.0	903.2	3.921	3.853	34.400	27.324	31.520	27.317	82.5	14.382	.0	1480.6	8160.9	5.4
920.0	913.0	3.903	3.835	34.404	27.329	31.571	27.322	82.1	14.465	.0	1480.7	8303.6	6.9
930.0	922.9	3.879	3.810	34.410	27.336	31.624	27.330	81.5	14.547	.0	1480.8	8447.2	9.2
940.0	932.8	3.867	3.797	34.417	27.343	31.677	27.336	80.9	14.628	.0	1480.9	8591.5	2.5
950.0	942.7	3.850	3.779	34.421	27.348	31.728	27.341	80.5	14.709	.0	1481.0	8736.6	10.1
960.0	952.6	3.840	3.769	34.429	27.356	31.781	27.349	79.8	14.789	.0	1481.1	8882.5	10.1
970.0	962.5	3.796	3.725	34.435	27.365	31.836	27.357	79.0	14.868	.0	1481.1	9029.2	11.0
980.0	972.4	3.768	3.696	34.437	27.369	31.888	27.362	78.6	14.947	.0	1481.2	9176.7	10.4
990.0	982.3	3.747	3.674	34.442	27.376	31.940	27.368	78.0	15.026	.0	1481.3	9324.9	7.8

Station 85 Latitude 32° 04.85'N Longitude 128° 16.37'W 05 May 1991 GMT 16:28 Bottom 4325 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.737	3.664	34.446	27.379	31.990	27.372	77.7	15.103	.0	1481.4	9473.9	5.2
1020.0	1012.0	3.680	3.605	34.453	27.391	32.094	27.384	76.7	15.258	.0	1481.5	9774.2	1.7
1040.0	1031.7	3.649	3.573	34.459	27.399	32.194	27.392	76.0	15.410	.0	1481.7	10077.5	1.1
1060.0	1051.5	3.600	3.522	34.468	27.411	32.298	27.403	75.0	15.561	.0	1481.8	10383.8	5.5
1080.0	1071.3	3.550	3.471	34.473	27.420	32.400	27.412	74.2	15.711	.0	1482.0	10693.0	2.6
1100.0	1091.1	3.510	3.430	34.479	27.429	32.501	27.421	73.4	15.858	.0	1482.1	11005.1	4.1
1120.0	1110.8	3.495	3.414	34.485	27.435	32.598	27.427	73.0	16.005	.0	1482.4	11320.0	6.7
1140.0	1130.6	3.448	3.365	34.493	27.446	32.702	27.438	72.0	16.149	.0	1482.5	11637.8	5.8
1160.0	1150.4	3.405	3.321	34.497	27.454	32.802	27.446	71.3	16.292	.0	1482.7	11958.5	4.1
1180.0	1170.1	3.366	3.281	34.505	27.463	32.904	27.455	70.4	16.434	.0	1482.9	12281.9	4.7
1200.0	1189.9	3.318	3.232	34.507	27.470	33.003	27.461	69.9	16.574	.0	1483.0	12608.0	2.1
1220.0	1209.7	3.275	3.187	34.512	27.479	33.104	27.470	69.1	16.713	.0	1483.2	12936.9	2.4
1240.0	1229.4	3.248	3.159	34.515	27.484	33.201	27.475	68.7	16.851	.0	1483.4	13268.5	3.8
1260.0	1249.2	3.217	3.126	34.519	27.489	33.298	27.481	68.2	16.988	.0	1483.6	13602.8	2.7
1280.0	1268.9	3.184	3.092	34.523	27.496	33.397	27.487	67.6	17.124	.0	1483.8	13939.7	6.8
1300.0	1288.7	3.150	3.057	34.528	27.503	33.496	27.494	67.0	17.258	.0	1484.0	14279.3	2.4
1320.0	1308.4	3.113	3.018	34.533	27.510	33.596	27.502	66.3	17.391	.0	1484.1	14621.4	7.1
1340.0	1328.2	3.074	2.978	34.538	27.518	33.695	27.509	65.6	17.523	.0	1484.3	14966.2	5.6
1360.0	1347.9	3.038	2.942	34.541	27.524	33.793	27.515	65.1	17.654	.0	1484.5	15313.5	2.4
1380.0	1367.7	2.989	2.891	34.544	27.531	33.893	27.522	64.4	17.784	.0	1484.6	15663.4	5.1
1400.0	1387.4	2.953	2.854	34.549	27.538	33.993	27.529	63.8	17.912	.0	1484.8	16015.7	3.6
1420.0	1407.2	2.917	2.816	34.551	27.544	34.090	27.535	63.3	18.039	.0	1485.0	16370.6	4.2
1440.0	1426.9	2.875	2.774	34.554	27.550	34.188	27.541	62.7	18.165	.0	1485.1	16727.9	4.5
1460.0	1446.6	2.845	2.742	34.556	27.554	34.285	27.545	62.3	18.290	.0	1485.4	17087.6	3.1
1480.0	1466.4	2.806	2.702	34.559	27.560	34.383	27.551	61.8	18.414	.0	1485.5	17449.8	4.0
1500.0	1486.1	2.770	2.665	34.562	27.565	34.480	27.556	61.3	18.537	.0	1485.7	17814.4	1.9
1520.0	1505.8	2.741	2.634	34.564	27.570	34.577	27.561	60.8	18.659	.0	1485.9	18181.3	1.3
1540.0	1525.6	2.694	2.586	34.568	27.577	34.676	27.567	60.2	18.780	.0	1486.0	18550.6	.8
1560.0	1545.3	2.665	2.556	34.569	27.581	34.772	27.572	59.8	18.900	.0	1486.3	18922.3	4.9
1580.0	1565.0	2.628	2.517	34.572	27.586	34.870	27.577	59.2	19.019	.0	1486.4	19296.3	2.3
1600.0	1584.7	2.592	2.480	34.575	27.592	34.967	27.582	58.7	19.137	.0	1486.6	19672.5	2.9
1620.0	1604.4	2.562	2.450	34.578	27.597	35.064	27.587	58.3	19.254	.0	1486.8	20051.1	3.4
1640.0	1624.2	2.533	2.419	34.580	27.601	35.160	27.591	57.9	19.370	.0	1487.0	20431.9	1.4
1660.0	1643.9	2.495	2.380	34.583	27.607	35.258	27.597	57.3	19.485	.0	1487.2	20815.0	1.1
1680.0	1663.6	2.480	2.364	34.585	27.609	35.352	27.600	57.1	19.600	.0	1487.5	21200.3	.3
1700.0	1683.3	2.462	2.344	34.586	27.612	35.446	27.602	56.9	19.714	.0	1487.7	21587.7	.9
1720.0	1703.0	2.438	2.319	34.589	27.617	35.542	27.607	56.5	19.827	.0	1488.0	21977.5	3.5
1740.0	1722.7	2.413	2.293	34.591	27.620	35.637	27.610	56.2	19.940	.0	1488.2	22369.3	2.9
1760.0	1742.4	2.387	2.265	34.593	27.624	35.733	27.614	55.8	20.052	.0	1488.4	22763.4	7.1
1780.0	1762.2	2.358	2.235	34.595	27.628	35.829	27.618	55.4	20.163	.0	1488.6	23159.6	3.0
1800.0	1781.8	2.337	2.213	34.596	27.631	35.923	27.621	55.2	20.273	.0	1488.9	23558.0	1.5
1820.0	1801.6	2.315	2.189	34.598	27.634	36.017	27.624	54.9	20.383	.0	1489.1	23958.5	3.0
1840.0	1821.3	2.289	2.162	34.600	27.639	36.113	27.628	54.4	20.493	.0	1489.3	24361.2	2.7
1860.0	1840.9	2.257	2.129	34.603	27.643	36.209	27.632	54.0	20.601	.0	1489.5	24765.9	.7
1880.0	1860.7	2.235	2.105	34.604	27.646	36.304	27.636	53.7	20.709	.0	1489.8	25172.7	1.0
1900.0	1880.3	2.214	2.082	34.607	27.650	36.399	27.639	53.4	20.816	.0	1490.0	25581.6	-.5
1920.0	1900.0	2.190	2.057	34.609	27.654	36.494	27.643	53.0	20.922	.0	1490.3	25992.6	2.8
1940.0	1919.7	2.163	2.029	34.611	27.658	36.590	27.647	52.6	21.028	.0	1490.5	26405.6	1.9
1960.0	1939.4	2.138	2.003	34.614	27.662	36.685	27.651	52.2	21.132	.0	1490.7	26820.6	5.1
1980.0	1959.1	2.119	1.982	34.615	27.665	36.779	27.654	52.0	21.236	.0	1491.0	27237.7	3.1
2000.0	1978.8	2.099	1.961	34.617	27.668	36.874	27.657	51.6	21.340	.0	1491.2	27656.7	3.1
2050.0	2028.0	2.058	1.916	34.621	27.675	37.108	27.664	51.0	21.597	.0	1491.9	28713.1	1.1
2096.0	2073.2	2.009	1.864	34.625	27.682	37.324	27.671	50.3	21.830	.0	1492.4	29695.8	.0

Station 86 Latitude 31° 59.52'N Longitude 128° 01.72'W 05 May 1991 GMT 19:02 Bottom 4150 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	16.301	16.301	33.365	24.423	24.423	24.423	349.8	.000	.0	1509.5	.0	.0
10.0	10.0	16.107	16.105	33.384	24.481	24.525	24.481	344.5	.348	.0	1509.0	1.7	65.9
20.0	19.9	15.786	15.783	33.447	24.603	24.691	24.602	333.2	.684	.0	1508.3	6.9	15.2
30.0	29.9	15.747	15.743	33.446	24.612	24.744	24.611	332.7	1.017	.0	1508.3	15.4	5.8
40.0	39.9	15.731	15.725	33.448	24.617	24.793	24.615	332.5	1.350	.0	1508.4	27.2	5.6
50.0	49.8	15.752	15.744	33.461	24.623	24.843	24.621	332.2	1.682	.0	1508.7	42.3	7.3
60.0	59.8	15.200	15.191	33.377	24.680	24.945	24.678	327.0	2.012	.0	1507.0	60.7	1.7
70.0	69.7	15.423	15.412	33.469	24.702	25.011	24.700	325.3	2.339	.0	1508.0	82.3	55.3
80.0	79.7	15.444	15.431	33.510	24.730	25.082	24.727	323.0	2.662	.0	1508.3	107.2	31.9
90.0	89.7	15.812	15.798	33.650	24.756	25.151	24.753	320.9	2.984	.0	1509.8	135.4	32.0
100.0	99.6	15.827	15.811	33.704	24.794	25.234	24.791	317.5	3.303	.0	1510.0	166.7	21.8
110.0	109.6	15.981	15.964	33.779	24.818	25.301	24.814	315.6	3.619	.0	1510.8	201.1	13.0
120.0	119.5	15.983	15.964	33.818	24.847	25.374	24.843	313.1	3.934	.0	1511.0	238.7	92.7
130.0	129.5	14.720	14.701	33.610	24.965	25.539	24.961	301.9	4.240	.0	1506.9	279.4	105.3
140.0	139.4	13.837	13.818	33.563	25.115	25.735	25.111	287.8	4.534	.0	1504.1	323.1	100.5
150.0	149.4	13.119	13.098	33.615	25.301	25.968	25.297	270.2	4.812	.0	1502.0	369.6	60.0
160.0	159.3	12.276	12.255	33.587	25.444	26.158	25.440	256.6	5.077	.0	1499.2	418.8	169.0
170.0	169.3	11.764	11.742	33.549	25.511	26.271	25.507	250.4	5.330	.0	1497.6	470.6	30.1
180.0	179.2	11.364	11.342	33.552	25.587	26.393	25.583	243.3	5.577	.0	1496.3	524.9	37.7
190.0	189.2	10.816	10.793	33.569	25.699	26.552	25.695	232.7	5.816	.0	1494.6	581.5	243.7
200.0	199.1	10.322	10.299	33.596	25.805	26.705	25.801	222.6	6.042	.0	1493.0	640.5	62.7
210.0	209.1	9.825	9.801	33.611	25.901	26.847	25.897	213.6	6.259	.0	1491.4	701.7	56.4
220.0	219.0	9.411	9.387	33.676	26.020	27.014	26.016	202.3	6.467	.0	1490.1	764.9	31.5
230.0	228.9	9.282	9.257	33.728	26.081	27.121	26.077	196.6	6.668	.0	1489.9	830.2	117.5
240.0	238.9	9.081	9.055	33.740	26.123	27.209	26.119	192.8	6.862	.0	1489.3	897.4	96.4
250.0	248.8	8.809	8.783	33.855	26.256	27.388	26.252	180.3	7.049	.0	1488.6	966.6	94.3
260.0	258.8	8.718	8.691	33.889	26.297	27.474	26.292	176.5	7.227	.0	1488.4	1037.5	34.3
270.0	268.7	8.514	8.486	33.961	26.385	27.609	26.381	168.2	7.400	.0	1487.9	1110.2	89.6
280.0	278.6	8.293	8.265	33.986	26.438	27.708	26.434	163.3	7.565	.0	1487.3	1184.5	37.4
290.0	288.6	8.031	8.002	33.998	26.487	27.804	26.483	158.7	7.727	.0	1486.5	1260.4	65.2
300.0	298.5	7.888	7.858	33.998	26.508	27.872	26.503	156.8	7.884	.0	1486.1	1338.0	27.4
310.0	308.4	7.752	7.722	34.000	26.529	27.939	26.525	154.8	8.040	.0	1485.7	1417.0	54.6
320.0	318.4	7.517	7.486	34.002	26.565	28.022	26.560	151.5	8.193	.0	1485.0	1497.7	12.7
330.0	328.3	7.395	7.364	34.001	26.582	28.085	26.577	150.0	8.344	.0	1484.7	1579.8	32.0
340.0	338.2	7.284	7.252	34.002	26.598	28.148	26.594	148.5	8.493	.0	1484.4	1663.4	37.6
350.0	348.1	7.097	7.064	34.002	26.624	28.221	26.619	146.1	8.640	.0	1483.8	1748.4	22.9
360.0	358.1	6.984	6.951	34.002	26.639	28.283	26.635	144.7	8.785	.0	1483.5	1834.9	7.4
370.0	368.0	6.924	6.890	34.002	26.648	28.337	26.643	144.0	8.930	.0	1483.5	1922.8	24.6
380.0	377.9	6.759	6.724	34.004	26.672	28.408	26.667	141.7	9.072	.0	1483.0	2012.2	25.8
390.0	387.9	6.500	6.465	34.008	26.709	28.493	26.705	138.1	9.212	.0	1482.1	2103.0	7.0
400.0	397.8	6.436	6.401	34.007	26.717	28.547	26.712	137.5	9.350	.0	1482.0	2195.1	16.1
410.0	407.7	6.233	6.197	34.010	26.746	28.623	26.741	134.7	9.486	.0	1481.4	2288.5	19.5
420.0	417.6	6.161	6.125	34.011	26.755	28.679	26.751	133.9	9.620	.0	1481.3	2383.3	5.8
430.0	427.6	6.113	6.075	34.013	26.763	28.733	26.758	133.2	9.753	.0	1481.2	2479.5	14.2
440.0	437.5	6.016	5.977	34.017	26.779	28.795	26.774	131.8	9.886	.0	1481.0	2576.9	17.2
450.0	447.4	5.898	5.860	34.021	26.796	28.860	26.792	130.1	10.017	.0	1480.7	2675.7	12.2
460.0	457.3	5.778	5.739	34.028	26.818	28.928	26.813	128.1	10.146	.0	1480.4	2775.7	29.1
470.0	467.3	5.670	5.630	34.035	26.836	28.993	26.831	126.4	10.273	.0	1480.1	2877.0	13.9
480.0	477.2	5.577	5.537	34.049	26.858	29.062	26.853	124.4	10.399	.0	1479.9	2979.5	28.5
490.0	487.1	5.448	5.408	34.053	26.877	29.129	26.872	122.5	10.522	.0	1479.6	3083.3	6.2
500.0	497.0	5.424	5.382	34.056	26.882	29.180	26.877	122.2	10.645	.0	1479.6	3188.3	3.9
510.0	506.9	5.404	5.362	34.067	26.893	29.236	26.888	121.2	10.766	.0	1479.7	3294.4	25.6
520.0	516.8	5.208	5.166	34.071	26.919	29.311	26.915	118.6	10.886	.0	1479.1	3401.8	7.7
530.0	526.8	5.110	5.068	34.078	26.937	29.376	26.932	117.0	11.004	.0	1478.9	3510.4	18.2
540.0	536.7	5.073	5.030	34.087	26.948	29.433	26.943	116.0	11.121	.0	1478.9	3620.1	17.3
550.0	546.6	4.984	4.940	34.102	26.970	29.502	26.965	113.9	11.236	.0	1478.7	3730.9	14.1
560.0	556.5	4.944	4.900	34.110	26.981	29.559	26.976	112.9	11.349	.0	1478.7	3842.9	13.8
570.0	566.4	4.898	4.853	34.114	26.989	29.614	26.984	112.2	11.462	.0	1478.7	3956.0	12.3
580.0	576.3	4.839	4.794	34.127	27.006	29.677	27.001	110.6	11.573	.0	1478.7	4070.2	19.1
590.0	586.3	4.775	4.729	34.134	27.019	29.737	27.014	109.5	11.683	.0	1478.6	4185.4	17.6
600.0	596.2	4.733	4.686	34.144	27.032	29.796	27.027	108.3	11.792	.0	1478.6	4301.8	9.1
610.0	606.1	4.708	4.660	34.152	27.042	29.852	27.036	107.5	11.900	.0	1478.6	4419.2	10.3
620.0	616.0	4.692	4.644	34.162	27.051	29.907	27.046	106.6	12.007	.0	1478.8	4537.7	18.2
630.0	625.9	4.671	4.622	34.178	27.066	29.969	27.061	105.3	12.113	.0	1478.8	4657.2	12.9
640.0	635.8	4.647	4.597	34.191	27.079	30.028	27.074	104.2	12.218	.0	1478.9	4777.8	8.0
650.0	645.7	4.630	4.580	34.202	27.090	30.084	27.084	103.3	12.321	.0	1479.0	4899.4	4.2
660.0	655.6	4.604	4.553	34.213	27.101	30.142	27.096	102.3	12.424	.0	1479.1	5022.0	16.5
670.0	665.5	4.584	4.532	34.220	27.110	30.196	27.104	101.5	12.526	.0	1479.2	5145.6	9.7
680.0	675.5	4.544	4.492	34.236	27.126	30.259	27.121	100.0	12.627	.0	1479.2	5270.2	25.0
690.0	685.3	4.506	4.453	34.250	27.141	30.320	27.136	98.6	12.726	.0	1479.2	5395.8	15.0
700.0	695.3	4.484	4.430	34.255	27.148	30.373	27.142	98.1	12.825	.0	1479.3	5522.4	16.5
710.0	705.2	4.458	4.404	34.266	27.160	30.431	27.154	97.0	12.922	.0	1479.4	5649.9	10.3
720.0	715.1	4.426	4.371	34.274	27.170	30.487	27.164	96.2	13.019	.0	1479.4	5778.4	20.0
730.0	725.0	4.385	4.329	34.286	27.184	30.548	27.178	94.9	13.115	.0	1479.4	5907.9	13.6
740.0	734.9	4.341	4.285	34.297	27.197	30.607	27.191	93.7	13.209	.0	1479.4	6038.2	14.1
750.0	744.8	4.292	4.235	34.305	27.209	30.666	27.203	92.6	13.302	.0	1479.4	6169.5	14.1
760.0	754.7	4.267	4.209	34.313	27.218	30.721	27.212	91.8	13.394	.0	1479.5	6301.7	6.5
770.0	764.6	4.247	4.189	34.318	27.224	30.773	27.218	91.3	13.486	.0	1479.6	6434.8	4.5
780.0	774.5	4.223	4.164	34.324	27.231	30.827	27.225	90.6	13.576	.0	1479.6	6568.8	2.4
790.0	784.4	4.191	4.131	34.326	27.236	30.878	27.230	90.2	13.667	.0	1479.7	6703.7	2.7
800.0	794.3	4.151	4.091	34.334	27.247	30.935	27.241	89.2	13.757	.0	1479.7	6839.5	11.8
810.0	804.2	4.137	4.076	34.340	27.253	30.987	27.247	88.7	13.845	.0	1479.8	6976.1	4.5
820.0	814.1	4.116	4.054	34.344	27.258	31.039	27.252	88.2	13.934	.0	1479.9	7113.6	8.6
830.0	824.0	4.092	4.030	34.349	27.266	31.092	27.259	87.6	14.022	.0	1480.0	7252.0	13.9
840.0	833.9	4.060	3.997	34.359	27.277	31.149	27.270	86.6	14.109	.0	1480.0	7391.2	9.2
850.0	843.8	4.036	3.973	34.365	27.284	31.203	27.278	86.0	14.195	.0	1480.1	7531.3	3.3
860.0	853.7	4.023	3.958	34.369	27.288	31.253	27.282	85.7	14.281	.0	1480.2	7672.3	4.2
870.0	863.6	3.984	3.919	34.376	27.299	31.310	27.292	84.7	14.366	.0	1480.2	7814.0	8.3
880.0	873.5	3.962	3.897	34.384	27.307	31.364	27.300	84.0	14.450	.0	1480.3	7956.6	9.2
890.0	883.4	3.928	3.862	34.392	27.317	31.421	27.310	83.0	14.534	.0	1480.3	8100.1	3.9
900.0	893.3	3.917	3.851	34.394	27.320	31.469	27.313	82.9	14.617	.0	1480.4	8244.3	10.7
910.0	903.2	3.885	3.818	34.401	27.329	31.525	27.322	82.0	14.699	.0	1480.5	8389.4	2.2
920.0	913.1	3.847	3.779	34.407	27.337	31.580	27.330	81.3	14.781	.0	1480.5	8535.2	3.1
930.0	923.0	3.822	3.753	34.410	27.342	31.631	27.335	80.8	14.862	.0	1480.5	8681.9	4.5
940.0	932.9	3.809	3.740	34.415	27.347	31.682	27.340	80.4	14.942	.0	1480.7	8829.3	7.5
950.0	942.8	3.790	3.720	34.421	27.354	31.735	27.347	79.8	15.022	.0	1480.8	8977.5	12.2
960.0	952.7	3.761	3.690	34.425	27.360	31.787	27.353	79.3	15.102	.0	1480.8	9126.5	7.8
970.0	962.5	3.747	3.676	34.428	27.364	31.837	27.357	79.0	15.181	.0	1480.9	9276.3	3.7
980.0	972.4	3.728	3.656	34.432	27.370	31.889	27.362	78.5	15.260	.0	1481.0	9426.9	5.2
990.0	982.3	3.707	3.635	34.436	27.375	31.940	27.367	78.0	15.338	.0	1481.1	9578.2	5.7

Station 86 Latitude 31° 59.52'N Longitude 128° 01.72'W 05 May 1991 GMT 19:02 Bottom 4150 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.682	3.608	34.440	27.381	31.992	27.373	77.5	15.416	.0	1481.1	9730.3	4.6
1020.0	1012.0	3.637	3.563	34.448	27.391	32.096	27.384	76.5	15.570	.0	1481.3	10036.8	.5
1040.0	1031.8	3.606	3.530	34.454	27.399	32.195	27.391	75.9	15.722	.0	1481.5	10346.2	5.5
1060.0	1051.6	3.579	3.502	34.462	27.408	32.296	27.401	75.2	15.874	.0	1481.7	10658.7	4.3
1080.0	1071.3	3.561	3.483	34.475	27.421	32.400	27.413	74.1	16.023	.0	1482.0	10974.0	6.7
1100.0	1091.1	3.515	3.435	34.483	27.431	32.503	27.424	73.2	16.170	.0	1482.2	11292.3	9.6
1120.0	1110.9	3.466	3.385	34.489	27.441	32.605	27.433	72.3	16.316	.0	1482.3	11613.4	.3
1140.0	1130.6	3.411	3.328	34.495	27.451	32.708	27.444	71.3	16.459	.0	1482.4	11937.4	7.3
1160.0	1150.4	3.363	3.279	34.499	27.459	32.809	27.451	70.6	16.601	.0	1482.5	12264.1	6.4
1180.0	1170.2	3.310	3.226	34.505	27.469	32.911	27.461	69.8	16.741	.0	1482.6	12593.6	1.7
1200.0	1189.9	3.274	3.188	34.507	27.474	33.009	27.466	69.3	16.880	.0	1482.8	12925.8	2.3
1220.0	1209.7	3.234	3.147	34.511	27.481	33.108	27.473	68.7	17.018	.0	1483.0	13260.8	2.9
1240.0	1229.4	3.196	3.108	34.515	27.488	33.207	27.480	68.1	17.155	.0	1483.2	13598.4	3.2
1260.0	1249.2	3.168	3.078	34.518	27.493	33.304	27.485	67.7	17.291	.0	1483.4	13938.6	4.7
1280.0	1269.0	3.139	3.047	34.522	27.500	33.402	27.491	67.1	17.426	.0	1483.6	14281.5	4.4
1300.0	1288.7	3.114	3.021	34.526	27.504	33.499	27.496	66.7	17.559	.0	1483.8	14627.1	3.3
1320.0	1308.5	3.095	3.001	34.529	27.509	33.595	27.501	66.4	17.692	.0	1484.1	14975.2	.7
1340.0	1328.2	3.070	2.974	34.532	27.514	33.692	27.505	66.0	17.825	.0	1484.3	15325.9	4.8
1360.0	1348.0	3.038	2.941	34.537	27.521	33.791	27.513	65.3	17.956	.0	1484.5	15679.2	.1
1380.0	1367.7	2.997	2.899	34.540	27.528	33.889	27.519	64.8	18.087	.0	1484.7	16035.0	5.1
1400.0	1387.4	2.945	2.846	34.546	27.537	33.991	27.528	63.9	18.215	.0	1484.8	16393.4	2.7
1420.0	1407.2	2.911	2.810	34.549	27.542	34.088	27.533	63.4	18.343	.0	1485.0	16754.2	5.7
1440.0	1426.9	2.881	2.780	34.550	27.546	34.184	27.537	63.1	18.469	.0	1485.2	17117.5	.7
1460.0	1446.7	2.852	2.749	34.554	27.552	34.282	27.543	62.5	18.595	.0	1485.4	17483.3	4.5
1480.0	1466.4	2.822	2.718	34.558	27.558	34.380	27.549	62.0	18.719	.0	1485.6	17851.5	2.5
1500.0	1486.1	2.805	2.700	34.561	27.562	34.475	27.552	61.7	18.843	.0	1485.9	18222.1	6.9
1520.0	1505.9	2.768	2.661	34.564	27.568	34.573	27.558	61.2	18.966	.0	1486.0	18595.1	2.2
1540.0	1525.6	2.731	2.623	34.568	27.574	34.672	27.565	60.6	19.088	.0	1486.2	18970.5	2.8
1560.0	1545.3	2.681	2.572	34.571	27.581	34.772	27.572	59.8	19.208	.0	1486.3	19348.2	2.5
1580.0	1565.1	2.641	2.530	34.575	27.587	34.870	27.578	59.2	19.327	.0	1486.5	19728.3	6.4
1600.0	1584.8	2.614	2.503	34.576	27.591	34.965	27.581	58.9	19.445	.0	1486.7	20110.6	6.4
1620.0	1604.5	2.577	2.464	34.580	27.597	35.064	27.587	58.3	19.563	.0	1486.9	20495.3	7.0
1640.0	1624.2	2.550	2.436	34.582	27.601	35.159	27.591	58.0	19.679	.0	1487.1	20882.2	3.5
1660.0	1643.9	2.512	2.397	34.585	27.607	35.257	27.597	57.4	19.794	.0	1487.3	21271.3	2.3
1680.0	1663.6	2.489	2.372	34.587	27.610	35.353	27.601	57.0	19.909	.0	1487.5	21662.7	3.2
1700.0	1683.3	2.437	2.319	34.588	27.616	35.451	27.606	56.4	20.022	.0	1487.6	22056.3	2.9
1720.0	1703.1	2.411	2.291	34.591	27.621	35.548	27.611	56.0	20.134	.0	1487.9	22452.0	2.6
1740.0	1722.8	2.375	2.254	34.594	27.626	35.645	27.616	55.5	20.246	.0	1488.0	22850.0	2.6
1760.0	1742.5	2.350	2.229	34.596	27.629	35.739	27.619	55.2	20.356	.0	1488.3	23250.1	2.1
1780.0	1762.2	2.336	2.213	34.598	27.632	35.833	27.622	54.9	20.466	.0	1488.5	23652.3	1.2
1800.0	1781.9	2.320	2.195	34.599	27.635	35.927	27.624	54.8	20.576	.0	1488.8	24056.6	.6
1820.0	1801.6	2.295	2.169	34.600	27.638	36.022	27.627	54.5	20.685	.0	1489.0	24463.1	4.2
1840.0	1821.3	2.282	2.154	34.603	27.642	36.116	27.631	54.2	20.794	.0	1489.3	24871.7	2.4
1860.0	1841.0	2.255	2.126	34.605	27.645	36.211	27.634	53.8	20.902	.0	1489.5	25282.4	2.4
1880.0	1860.7	2.230	2.100	34.607	27.649	36.307	27.638	53.4	21.009	.0	1489.8	25695.1	.7
1900.0	1880.4	2.210	2.078	34.608	27.652	36.401	27.641	53.2	21.116	.0	1490.0	26109.9	3.6
1920.0	1900.1	2.191	2.059	34.610	27.655	36.495	27.644	52.9	21.222	.0	1490.3	26526.8	3.7
1940.0	1919.8	2.171	2.036	34.612	27.658	36.589	27.647	52.6	21.327	.0	1490.5	26945.7	.4
1960.0	1939.5	2.148	2.012	34.614	27.661	36.684	27.650	52.3	21.432	.0	1490.8	27366.7	2.2
1980.0	1959.1	2.127	1.990	34.615	27.664	36.778	27.653	52.0	21.537	.0	1491.0	27789.6	2.5
2000.0	1978.8	2.113	1.975	34.617	27.667	36.871	27.656	51.8	21.640	.0	1491.3	28214.6	1.7
2050.0	2028.0	2.068	1.926	34.621	27.674	37.106	27.663	51.2	21.898	.0	1491.9	29285.8	2.3
2100.0	2077.2	2.029	1.883	34.625	27.680	37.339	27.669	50.6	22.153	.0	1492.6	30369.3	.0
2100.0	2077.2	2.029	1.883	34.625	27.680	37.339	27.669	50.6	22.153	.0	1492.6	30369.3	.0

Station 87 Latitude 32° 13.04'N Longitude 127° 54.84'W 05 May 1991 GMT 21:53 Bottom 4230 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	16.114	16.114	33.307	24.421	24.421	24.421	349.9	.000	.0	1508.8	.0	.0
10.0	10.0	16.070	16.069	33.264	24.398	24.442	24.398	352.4	.352	.0	1508.8	1.7	267.6
20.0	19.9	15.496	15.493	33.301	24.555	24.643	24.554	337.8	.692	.0	1507.2	7.0	11.9
30.0	29.9	15.511	15.507	33.315	24.563	24.695	24.562	337.3	1.030	.0	1507.4	15.5	10.8
40.0	39.9	15.613	15.607	33.476	24.665	24.841	24.663	327.9	1.365	.0	1508.1	27.5	133.5
50.0	49.8	15.701	15.693	33.547	24.700	24.920	24.698	324.9	1.691	.0	1508.6	42.7	16.7
60.0	59.8	15.687	15.678	33.600	24.744	25.008	24.742	321.0	2.014	.0	1508.8	61.2	27.5
70.0	69.7	15.679	15.668	33.616	24.758	25.066	24.756	319.9	2.335	.0	1509.0	82.8	6.2
80.0	79.7	15.737	15.724	33.647	24.770	25.122	24.767	319.2	2.655	.0	1509.4	107.7	10.6
90.0	89.7	15.909	15.895	33.723	24.790	25.185	24.787	317.6	2.973	.0	1510.1	135.7	17.4
100.0	99.6	15.813	15.798	33.715	24.806	25.246	24.803	316.4	3.290	.0	1510.0	166.9	49.3
110.0	109.6	15.185	15.169	33.654	24.898	25.383	24.895	307.8	3.603	.0	1508.1	201.2	39.2
120.0	119.5	14.221	14.204	33.525	25.005	25.536	25.002	297.7	3.907	.0	1505.0	238.6	127.8
130.0	129.5	13.655	13.636	33.611	25.190	25.766	25.186	280.4	4.198	.0	1503.4	278.9	247.7
140.0	139.4	13.060	13.041	33.541	25.255	25.878	25.251	274.3	4.474	.0	1501.5	322.1	85.4
150.0	149.4	12.167	12.148	33.470	25.374	26.043	25.370	263.0	4.743	.0	1498.6	367.9	218.5
160.0	159.3	10.333	10.314	33.282	25.558	26.279	25.555	245.1	4.997	.0	1492.0	416.4	152.8
170.0	169.3	9.544	9.525	33.309	25.710	26.479	25.707	230.6	5.235	.0	1489.3	467.3	86.2
180.0	179.2	9.453	9.434	33.443	25.830	26.644	25.827	219.4	5.462	.0	1489.3	520.5	89.4
190.0	189.2	9.220	9.200	33.523	25.930	26.790	25.927	210.1	5.677	.0	1488.7	575.9	98.7
200.0	199.1	9.082	9.060	33.647	26.050	26.955	26.046	198.9	5.881	.0	1488.5	633.4	121.8
210.0	209.1	8.958	8.936	33.719	26.126	27.076	26.122	191.9	6.076	.0	1488.3	692.8	138.8
220.0	219.0	8.854	8.830	33.800	26.206	27.202	26.202	184.4	6.263	.0	1488.2	754.1	101.3
230.0	228.9	8.747	8.723	33.854	26.265	27.307	26.261	179.0	6.444	.0	1488.0	817.3	16.4
240.0	238.9	8.570	8.545	33.909	26.335	27.423	26.331	172.4	6.620	.0	1487.6	882.2	76.4
250.0	248.8	8.455	8.429	33.963	26.395	27.529	26.391	166.9	6.789	.0	1487.4	948.8	38.6
260.0	258.7	8.298	8.272	33.978	26.431	27.611	26.427	163.6	6.954	.0	1487.0	1017.1	29.5
270.0	268.7	8.206	8.178	33.982	26.448	27.674	26.444	162.1	7.117	.0	1486.8	1086.9	44.4
280.0	278.6	7.997	7.969	33.991	26.486	27.759	26.482	158.5	7.277	.0	1486.2	1158.4	18.9
290.0	288.5	7.888	7.860	33.993	26.504	27.822	26.500	157.0	7.435	.0	1485.9	1231.5	20.7
300.0	298.5	7.786	7.756	33.996	26.521	27.886	26.517	155.4	7.591	.0	1485.7	1306.1	21.5
310.0	308.4	7.665	7.634	33.998	26.540	27.951	26.536	153.8	7.746	.0	1485.4	1382.3	26.2
320.0	318.3	7.489	7.458	33.997	26.565	28.022	26.560	151.5	7.898	.0	1484.9	1459.9	9.8
330.0	328.3	7.332	7.300	33.999	26.588	28.092	26.584	149.3	8.049	.0	1484.4	1539.1	48.4
340.0	338.2	7.137	7.105	33.998	26.615	28.166	26.611	146.8	8.196	.0	1483.8	1619.8	29.0
350.0	348.1	7.043	7.010	33.999	26.629	28.226	26.625	145.5	8.342	.0	1483.6	1701.9	24.1
360.0	358.0	6.937	6.904	33.998	26.643	28.286	26.638	144.3	8.487	.0	1483.3	1785.4	23.7
370.0	368.0	6.784	6.750	34.003	26.668	28.358	26.663	142.0	8.630	.0	1482.9	1870.4	14.9
380.0	377.9	6.686	6.651	34.007	26.684	28.420	26.679	140.5	8.771	.0	1482.7	1956.7	7.0
390.0	387.8	6.544	6.509	34.011	26.706	28.490	26.701	138.5	8.910	.0	1482.3	2044.5	31.0
400.0	397.8	6.373	6.338	34.016	26.732	28.563	26.727	136.0	9.048	.0	1481.8	2133.6	28.6
410.0	407.7	6.213	6.177	34.021	26.757	28.634	26.752	133.7	9.182	.0	1481.3	2224.1	24.8
420.0	417.6	6.059	6.023	34.027	26.781	28.706	26.777	131.3	9.315	.0	1480.9	2315.9	15.4
430.0	427.5	5.963	5.926	34.032	26.798	28.769	26.793	129.8	9.445	.0	1480.7	2408.9	11.6
440.0	437.4	5.850	5.813	34.040	26.817	28.836	26.813	128.0	9.574	.0	1480.4	2503.3	9.8
450.0	447.4	5.781	5.743	34.042	26.828	28.893	26.823	127.0	9.702	.0	1480.3	2598.9	9.2
460.0	457.3	5.688	5.650	34.043	26.840	28.951	26.835	126.0	9.829	.0	1480.1	2695.8	13.6
470.0	467.2	5.603	5.563	34.041	26.848	29.007	26.844	125.2	9.954	.0	1479.9	2793.9	15.0
480.0	477.1	5.488	5.448	34.043	26.865	29.070	26.860	123.6	10.078	.0	1479.6	2893.3	19.1
490.0	487.0	5.387	5.347	34.049	26.881	29.133	26.877	122.1	10.201	.0	1479.3	2993.9	10.6
500.0	497.0	5.338	5.297	34.059	26.895	29.194	26.890	120.8	10.323	.0	1479.3	3095.7	23.2
510.0	506.9	5.235	5.194	34.065	26.911	29.257	26.906	119.3	10.443	.0	1479.1	3198.7	24.4
520.0	516.8	5.124	5.082	34.075	26.932	29.325	26.927	117.3	10.561	.0	1478.8	3302.8	18.8
530.0	526.7	5.063	5.021	34.085	26.948	29.387	26.943	115.9	10.678	.0	1478.7	3408.1	11.8
540.0	536.6	5.014	4.971	34.093	26.959	29.445	26.954	114.9	10.794	.0	1478.7	3514.6	15.3
550.0	546.5	4.963	4.920	34.109	26.978	29.510	26.973	113.1	10.908	.0	1478.7	3622.2	16.7
560.0	556.5	4.922	4.878	34.115	26.987	29.566	26.983	112.3	11.021	.0	1478.7	3730.9	5.0
570.0	566.4	4.854	4.809	34.123	27.002	29.627	26.997	111.0	11.132	.0	1478.5	3840.7	9.1
580.0	576.3	4.813	4.768	34.134	27.015	29.686	27.010	109.8	11.243	.0	1478.6	3951.7	1.5
590.0	586.2	4.771	4.725	34.146	27.029	29.747	27.024	108.5	11.352	.0	1478.6	4063.6	4.1
600.0	596.1	4.747	4.701	34.157	27.040	29.804	27.035	107.5	11.460	.0	1478.6	4176.7	15.0
610.0	606.0	4.718	4.670	34.167	27.052	29.862	27.047	106.5	11.567	.0	1478.7	4290.8	1.2
620.0	615.9	4.685	4.637	34.179	27.065	29.921	27.060	105.3	11.673	.0	1478.7	4406.0	2.4
630.0	625.8	4.638	4.589	34.187	27.077	29.979	27.072	104.3	11.778	.0	1478.7	4522.2	18.5
640.0	635.8	4.599	4.550	34.194	27.087	30.035	27.081	103.4	11.881	.0	1478.7	4639.4	2.1
650.0	645.7	4.568	4.518	34.200	27.095	30.090	27.089	102.7	11.984	.0	1478.8	4757.7	9.1
660.0	655.6	4.543	4.492	34.212	27.107	30.148	27.102	101.6	12.087	.0	1478.9	4877.0	12.6
670.0	665.5	4.510	4.458	34.225	27.122	30.209	27.116	100.3	12.187	.0	1478.9	4997.2	14.4
680.0	675.4	4.495	4.443	34.227	27.125	30.258	27.119	100.1	12.288	.0	1479.0	5118.5	11.5
690.0	685.3	4.449	4.397	34.242	27.141	30.321	27.135	98.5	12.387	.0	1479.0	5240.7	2.7
700.0	695.2	4.437	4.383	34.245	27.145	30.371	27.139	98.2	12.485	.0	1479.1	5363.9	9.1
710.0	705.1	4.383	4.329	34.262	27.165	30.438	27.159	96.4	12.582	.0	1479.1	5488.1	7.1
720.0	715.0	4.351	4.297	34.271	27.175	30.494	27.169	95.5	12.679	.0	1479.1	5613.2	11.2
730.0	724.9	4.325	4.269	34.279	27.185	30.550	27.179	94.7	12.774	.0	1479.2	5739.3	3.0
740.0	734.8	4.309	4.253	34.287	27.193	30.604	27.187	94.0	12.868	.0	1479.3	5866.2	5.9
750.0	744.7	4.300	4.243	34.291	27.197	30.653	27.191	93.7	12.962	.0	1479.4	5994.2	3.3
760.0	754.6	4.272	4.214	34.301	27.208	30.711	27.202	92.7	13.055	.0	1479.5	6123.0	16.8
770.0	764.5	4.218	4.160	34.307	27.219	30.769	27.213	91.7	13.147	.0	1479.4	6252.7	8.6
780.0	774.5	4.171	4.112	34.314	27.229	30.826	27.223	90.7	13.239	.0	1479.4	6383.4	17.9
790.0	784.3	4.167	4.108	34.330	27.242	30.885	27.236	89.6	13.329	.0	1479.6	6514.9	16.8
800.0	794.3	4.128	4.068	34.336	27.251	30.940	27.245	88.8	13.418	.0	1479.6	6647.3	10.9
810.0	804.2	4.121	4.060	34.348	27.261	30.996	27.255	87.9	13.506	.0	1479.7	6780.6	10.6
820.0	814.0	4.081	4.019	34.357	27.273	31.053	27.266	86.9	13.594	.0	1479.7	6914.8	15.6
830.0	824.0	4.050	3.989	34.361	27.279	31.107	27.273	86.2	13.680	.0	1479.8	7049.8	10.6
840.0	833.8	4.052	3.989	34.367	27.284	31.157	27.278	85.9	13.766	.0	1480.0	7185.6	8.0
850.0	843.8	4.064	4.000	34.382	27.295	31.213	27.288	85.0	13.851	.0	1480.2	7322.3	1.3
860.0	853.7	4.068	4.004	34.391	27.302	31.265	27.295	84.5	13.936	.0	1480.4	7459.8	4.2
870.0	863.5	4.058	3.993	34.396	27.306	31.316	27.299	84.2	14.021	.0	1480.5	7598.2	2.2
880.0	873.4	4.043	3.977	34.402	27.313	31.368	27.306	83.6	14.104	.0	1480.6	7737.3	6.9
890.0	883.3	4.004	3.938	34.406	27.320	31.422	27.313	82.9	14.188	.0	1480.6	7877.3	11.0
900.0	893.2	3.967	3.900	34.412	27.329	31.477	27.322	82.1	14.270	.0	1480.7	8018.1	3.1
910.0	903.1	3.922	3.855	34.413	27.334	31.529	27.327	81.6	14.352	.0	1480.6	8159.8	9.8
920.0	913.0	3.861	3.793	34.417	27.343	31.586	27.336	80.7	14.433	.0	1480.6	8302.2	10.1
930.0	922.9	3.825	3.757	34.419	27.349	31.637	27.342	80.2	14.513	.0	1480.6	8445.4	3.7
940.0	932.8	3.818	3.749	34.422	27.352	31.687	27.345	80.0	14.593	.0	1480.7	8589.4	6.3
950.0	942.7	3.820	3.750	34.430	27.358	31.739	27.351	79.5	14.673	.0	1480.9	8734.1	10.1
960.0	952.6	3.800	3.729	34.437	27.366	31.792	27.358	78.8	14.752	.0	1481.0	8879.7	10.4
970.0	962.5	3.781	3.709	34.442	27.372	31.844	27.364	78.3	14.831	.0	1481.1	9026.0	3.4
980.0	972.4	3.767	3.695	34.445	27.376	31.894	27.369	78.0	14.909	.0	1481.2	9173.1	7.2
990.0	982.3	3.757	3.684	34.451	27.381	31.945	27.374	77.5	14.987	.0	1481.3	9321.0	6.6

Station 87 Latitude 32° 13.04'N Longitude 127° 54.84'W 05 May 1991 GMT 21:53 Bottom 4230 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.737	3.664	34.453	27.385	31.995	27.378	77.2	15.064	.0	1481.4	9469.6	8.7
1020.0	1012.0	3.715	3.640	34.463	27.396	32.097	27.388	76.4	15.217	.0	1481.6	9769.1	2.0
1040.0	1031.7	3.673	3.597	34.465	27.402	32.196	27.394	75.9	15.370	.0	1481.8	10071.5	3.2
1060.0	1051.5	3.650	3.572	34.470	27.408	32.294	27.400	75.4	15.521	.0	1482.0	10377.0	4.0
1080.0	1071.3	3.610	3.531	34.475	27.416	32.394	27.408	74.7	15.671	.0	1482.2	10685.4	7.3
1100.0	1091.1	3.551	3.470	34.483	27.428	32.499	27.421	73.5	15.819	.0	1482.3	10996.7	7.6
1120.0	1110.8	3.486	3.405	34.488	27.439	32.602	27.431	72.6	15.965	.0	1482.4	11310.9	3.2
1140.0	1130.6	3.435	3.353	34.492	27.447	32.703	27.439	71.9	16.110	.0	1482.5	11627.9	5.8
1160.0	1150.3	3.405	3.321	34.498	27.454	32.803	27.446	71.2	16.253	.0	1482.7	11947.8	5.3
1180.0	1170.1	3.364	3.279	34.503	27.462	32.903	27.455	70.5	16.395	.0	1482.9	12270.4	2.6
1200.0	1189.9	3.324	3.237	34.507	27.469	33.002	27.461	69.9	16.535	.0	1483.0	12595.8	5.9
1220.0	1209.6	3.290	3.202	34.513	27.477	33.102	27.469	69.2	16.674	.0	1483.2	12923.9	5.0
1240.0	1229.4	3.241	3.152	34.518	27.486	33.203	27.478	68.4	16.811	.0	1483.3	13254.7	1.8
1260.0	1249.2	3.203	3.113	34.521	27.492	33.302	27.484	67.9	16.948	.0	1483.5	13588.2	1.2
1280.0	1268.9	3.160	3.068	34.524	27.499	33.401	27.491	67.2	17.083	.0	1483.7	13924.3	1.8
1300.0	1288.7	3.128	3.036	34.527	27.504	33.498	27.496	66.8	17.216	.0	1483.9	14263.0	.9
1320.0	1308.4	3.100	3.006	34.531	27.511	33.596	27.502	66.3	17.350	.0	1484.1	14604.4	3.0
1340.0	1328.2	3.060	2.964	34.536	27.518	33.696	27.510	65.6	17.481	.0	1484.3	14948.3	1.2
1360.0	1347.9	3.027	2.931	34.540	27.524	33.794	27.515	65.1	17.612	.0	1484.5	15294.8	1.3
1380.0	1367.7	2.985	2.887	34.544	27.531	33.894	27.522	64.4	17.742	.0	1484.6	15643.8	.1
1400.0	1387.4	2.959	2.859	34.547	27.536	33.990	27.527	64.0	17.870	.0	1484.8	15995.3	.1
1420.0	1407.1	2.926	2.826	34.551	27.543	34.089	27.534	63.4	17.997	.0	1485.0	16349.3	3.9
1440.0	1426.9	2.891	2.789	34.555	27.549	34.187	27.540	62.8	18.124	.0	1485.2	16705.8	4.5
1460.0	1446.6	2.850	2.747	34.558	27.555	34.286	27.546	62.2	18.249	.0	1485.4	17064.8	2.8
1480.0	1466.3	2.815	2.711	34.561	27.560	34.383	27.551	61.8	18.373	.0	1485.6	17426.1	.4
1500.0	1486.1	2.795	2.689	34.562	27.564	34.477	27.554	61.5	18.496	.0	1485.8	17789.9	1.3
1520.0	1505.8	2.764	2.658	34.566	27.569	34.575	27.560	61.0	18.618	.0	1486.0	18156.0	4.0
1540.0	1525.5	2.725	2.616	34.569	27.575	34.673	27.566	60.4	18.740	.0	1486.2	18524.5	.8
1560.0	1545.3	2.695	2.586	34.571	27.580	34.770	27.570	60.0	18.860	.0	1486.4	18895.4	4.0
1580.0	1565.0	2.660	2.550	34.574	27.585	34.867	27.576	59.5	18.980	.0	1486.6	19268.6	-.4
1600.0	1584.7	2.630	2.518	34.577	27.590	34.964	27.580	59.1	19.098	.0	1486.8	19644.1	2.6
1620.0	1604.4	2.591	2.478	34.579	27.595	35.061	27.586	58.5	19.216	.0	1487.0	20021.9	2.6
1640.0	1624.1	2.549	2.435	34.582	27.601	35.159	27.591	58.0	19.332	.0	1487.1	20401.9	2.3
1660.0	1643.9	2.511	2.396	34.584	27.606	35.257	27.596	57.4	19.448	.0	1487.3	20784.2	2.0
1680.0	1663.6	2.486	2.369	34.587	27.611	35.353	27.601	57.0	19.562	.0	1487.5	21168.8	4.4
1700.0	1683.3	2.446	2.329	34.591	27.617	35.451	27.607	56.4	19.676	.0	1487.7	21555.5	2.0
1720.0	1703.0	2.436	2.317	34.591	27.618	35.544	27.608	56.3	19.788	.0	1488.0	21944.5	1.5
1740.0	1722.7	2.408	2.287	34.595	27.624	35.641	27.614	55.8	19.900	.0	1488.2	22335.6	4.1
1760.0	1742.4	2.365	2.243	34.597	27.629	35.739	27.619	55.2	20.012	.0	1488.3	22728.9	3.2
1780.0	1762.1	2.350	2.227	34.598	27.631	35.832	27.621	55.1	20.122	.0	1488.6	23124.3	2.7
1800.0	1781.8	2.332	2.208	34.599	27.633	35.925	27.623	54.9	20.232	.0	1488.9	23521.8	4.7
1820.0	1801.5	2.310	2.184	34.601	27.637	36.020	27.627	54.6	20.341	.0	1489.1	23921.5	1.8
1840.0	1821.2	2.278	2.151	34.604	27.643	36.118	27.632	54.0	20.450	.0	1489.3	24323.3	3.0
1860.0	1840.9	2.249	2.121	34.605	27.646	36.213	27.635	53.7	20.558	.0	1489.5	24727.2	3.0
1880.0	1860.6	2.235	2.105	34.608	27.649	36.306	27.638	53.5	20.665	.0	1489.8	25133.1	.4
1900.0	1880.3	2.207	2.076	34.609	27.652	36.401	27.642	53.1	20.771	.0	1490.0	25541.2	1.0
1920.0	1900.0	2.199	2.066	34.610	27.654	36.494	27.643	53.0	20.878	.0	1490.3	25951.3	1.3
1940.0	1919.7	2.169	2.035	34.613	27.659	36.590	27.648	52.5	20.983	.0	1490.5	26363.4	3.4
1960.0	1939.4	2.155	2.020	34.614	27.661	36.683	27.650	52.4	21.088	.0	1490.8	26777.5	.8
1980.0	1959.1	2.143	2.006	34.618	27.665	36.778	27.654	52.0	21.193	.0	1491.1	27193.7	.8
2000.0	1978.8	2.133	1.994	34.619	27.667	36.871	27.656	51.9	21.296	.0	1491.4	27611.9	-1.0
2050.0	2028.0	2.067	1.926	34.622	27.675	37.107	27.664	51.1	21.554	.0	1491.9	28666.1	.8
2094.0	2071.3	2.012	1.867	34.627	27.683	37.316	27.672	50.3	21.776	.0	1492.4	29604.0	.0

Station 88 Latitude 32° 19.69'N Longitude 127° 51.53'W 05 May 1991 GMT 23:58 Bottom 3485 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.878	15.878	33.176	24.373	24.373	24.373	354.5	.000	.0	1507.9	.0	.0
10.0	10.0	15.165	15.163	33.131	24.497	24.541	24.496	343.0	.349	.0	1505.8	1.8	38.5
20.0	19.9	15.036	15.033	33.123	24.519	24.607	24.518	341.2	.691	.0	1505.5	6.9	10.7
30.0	29.9	14.985	14.981	33.118	24.526	24.659	24.525	340.8	1.032	.0	1505.5	15.5	19.2
40.0	39.9	14.658	14.653	33.162	24.631	24.808	24.629	331.1	1.368	.0	1504.7	27.5	85.0
50.0	49.8	14.235	14.228	33.145	24.708	24.929	24.706	324.0	1.695	.0	1503.5	42.7	3.2
60.0	59.8	14.415	14.407	33.222	24.729	24.994	24.727	322.3	2.019	.0	1504.3	61.2	15.6
70.0	69.7	14.506	14.496	33.249	24.731	25.041	24.729	322.4	2.341	.0	1504.8	83.0	-8.1
80.0	79.7	15.310	15.298	33.517	24.765	25.117	24.762	319.6	2.662	.0	1507.9	107.9	21.3
90.0	89.7	15.661	15.647	33.632	24.776	25.172	24.773	318.9	2.981	.0	1509.3	136.0	7.4
100.0	99.6	15.483	15.468	33.599	24.790	25.230	24.787	317.9	3.300	.0	1508.8	167.2	8.8
110.0	109.6	15.000	14.983	33.507	24.826	25.311	24.822	314.7	3.616	.0	1507.3	201.7	93.9
120.0	119.5	12.359	12.344	33.129	25.072	25.607	25.069	291.0	3.918	.0	1498.3	239.2	116.6
130.0	129.5	11.616	11.600	33.138	25.218	25.800	25.215	277.1	4.201	.0	1495.9	279.6	42.0
140.0	139.4	11.250	11.233	33.122	25.272	25.900	25.269	272.2	4.477	.0	1494.8	322.8	186.3
150.0	149.4	10.509	10.491	33.126	25.406	26.081	25.403	259.4	4.740	.0	1492.3	368.7	18.4
160.0	159.3	10.046	10.028	33.164	25.514	26.236	25.511	249.2	4.997	.0	1490.8	417.1	261.1
170.0	169.3	9.656	9.637	33.261	25.654	26.422	25.651	236.0	5.237	.0	1489.7	468.0	78.3
180.0	179.2	9.388	9.368	33.376	25.789	26.603	25.785	223.4	5.466	.0	1489.0	521.2	72.4
190.0	189.2	9.301	9.280	33.518	25.913	26.773	25.910	211.7	5.684	.0	1489.0	576.7	114.8
200.0	199.1	9.110	9.089	33.617	26.022	26.927	26.018	201.6	5.890	.0	1488.6	634.2	74.4
210.0	209.1	8.868	8.846	33.717	26.138	27.090	26.135	190.6	6.086	.0	1488.0	693.8	68.5
220.0	219.0	8.822	8.799	33.762	26.181	27.177	26.177	186.8	6.275	.0	1488.0	755.2	64.1
230.0	228.9	8.656	8.632	33.858	26.282	27.324	26.278	177.3	6.457	.0	1487.7	818.5	44.8
240.0	238.9	8.521	8.496	33.898	26.334	27.423	26.330	172.5	6.631	.0	1487.4	883.5	49.5
250.0	248.8	8.442	8.416	33.915	26.359	27.493	26.355	170.3	6.803	.0	1487.3	950.2	16.1
260.0	258.7	8.350	8.324	33.956	26.406	27.585	26.402	166.0	6.971	.0	1487.1	1018.7	66.1
270.0	268.7	8.283	8.256	33.974	26.430	27.655	26.426	163.9	7.136	.0	1487.1	1088.7	4.3
280.0	278.6	8.191	8.163	33.985	26.453	27.724	26.449	161.8	7.299	.0	1486.9	1160.4	44.4
290.0	288.5	8.050	8.021	33.999	26.485	27.802	26.481	158.9	7.459	.0	1486.5	1233.7	23.1
300.0	298.5	7.922	7.892	33.999	26.504	27.867	26.499	157.2	7.617	.0	1486.2	1308.6	18.9
310.0	308.4	7.703	7.672	33.997	26.534	27.945	26.530	154.3	7.773	.0	1485.5	1385.0	41.1
320.0	318.3	7.495	7.464	33.996	26.563	28.020	26.559	151.6	7.926	.0	1484.9	1463.0	11.2
330.0	328.3	7.369	7.337	33.996	26.581	28.085	26.577	150.0	8.077	.0	1484.5	1542.4	14.4
340.0	338.2	7.215	7.183	33.996	26.603	28.153	26.598	148.0	8.226	.0	1484.1	1623.4	21.2
350.0	348.1	7.064	7.032	33.998	26.626	28.222	26.621	145.9	8.373	.0	1483.7	1705.8	20.8
360.0	358.0	6.934	6.901	34.000	26.645	28.288	26.640	144.1	8.518	.0	1483.3	1789.6	49.2
370.0	368.0	6.763	6.729	34.009	26.675	28.365	26.670	141.3	8.660	.0	1482.8	1874.9	14.9
380.0	377.9	6.671	6.636	34.010	26.688	28.425	26.683	140.1	8.801	.0	1482.6	1961.5	8.2
390.0	387.8	6.564	6.529	34.010	26.703	28.486	26.698	138.8	8.941	.0	1482.4	2049.6	21.6
400.0	397.8	6.419	6.383	34.014	26.725	28.555	26.720	136.7	9.078	.0	1482.0	2139.0	10.8
410.0	407.7	6.288	6.252	34.017	26.744	28.622	26.740	134.9	9.214	.0	1481.6	2229.8	19.2
420.0	417.6	6.247	6.211	34.018	26.750	28.673	26.745	134.5	9.349	.0	1481.6	2321.9	6.1
430.0	427.5	6.165	6.127	34.019	26.762	28.731	26.757	133.4	9.483	.0	1481.5	2415.3	21.3
440.0	437.4	6.031	5.993	34.022	26.781	28.798	26.776	131.6	9.615	.0	1481.1	2510.1	-.1
450.0	447.4	5.936	5.898	34.023	26.794	28.857	26.789	130.4	9.746	.0	1480.9	2606.2	12.5
460.0	457.3	5.792	5.753	34.027	26.815	28.925	26.810	128.4	9.876	.0	1480.5	2703.5	31.8
470.0	467.2	5.676	5.637	34.034	26.834	28.992	26.829	126.6	10.003	.0	1480.2	2802.1	12.1
480.0	477.1	5.593	5.553	34.039	26.848	29.052	26.843	125.3	10.129	.0	1480.0	2902.0	16.2
490.0	487.0	5.489	5.448	34.047	26.867	29.118	26.862	123.5	10.253	.0	1479.7	3003.1	35.5
500.0	497.0	5.389	5.348	34.057	26.888	29.185	26.883	121.6	10.376	.0	1479.5	3105.4	18.8
510.0	506.9	5.299	5.258	34.071	26.909	29.253	26.904	119.6	10.496	.0	1479.3	3208.9	17.6
520.0	516.8	5.223	5.181	34.077	26.923	29.314	26.918	118.4	10.615	.0	1479.2	3313.6	17.6
530.0	526.7	5.130	5.087	34.091	26.945	29.383	26.940	116.3	10.732	.0	1479.0	3419.4	16.8
540.0	536.6	5.068	5.025	34.098	26.957	29.442	26.952	115.2	10.848	.0	1478.9	3526.4	16.7
550.0	546.5	5.037	4.993	34.103	26.965	29.496	26.960	114.5	10.963	.0	1478.9	3634.5	17.6
560.0	556.5	4.963	4.919	34.115	26.983	29.560	26.978	112.8	11.076	.0	1478.8	3743.8	9.1
570.0	566.4	4.917	4.872	34.123	26.995	29.619	26.990	111.7	11.189	.0	1478.8	3854.2	10.9
580.0	576.3	4.844	4.798	34.139	27.015	29.686	27.010	109.8	11.300	.0	1478.7	3965.7	15.6
590.0	586.2	4.792	4.746	34.154	27.034	29.751	27.029	108.1	11.408	.0	1478.7	4078.2	10.3
600.0	596.1	4.778	4.731	34.158	27.038	29.801	27.033	107.8	11.517	.0	1478.8	4191.8	17.6
610.0	606.0	4.709	4.661	34.172	27.057	29.867	27.052	106.0	11.623	.0	1478.7	4306.5	22.0
620.0	615.9	4.672	4.623	34.183	27.070	29.926	27.065	104.9	11.729	.0	1478.7	4422.2	12.0
630.0	625.8	4.635	4.587	34.194	27.083	29.985	27.077	103.7	11.833	.0	1478.7	4539.0	10.0
640.0	635.8	4.609	4.559	34.205	27.095	30.043	27.089	102.7	11.936	.0	1478.8	4656.8	11.2
650.0	645.7	4.598	4.548	34.207	27.097	30.092	27.092	102.5	12.039	.0	1478.9	4775.6	10.0
660.0	655.6	4.562	4.511	34.217	27.109	30.150	27.104	101.4	12.141	.0	1478.9	4895.4	23.5
670.0	665.5	4.512	4.461	34.222	27.119	30.206	27.113	100.6	12.242	.0	1478.9	5016.2	5.6
680.0	675.4	4.472	4.420	34.237	27.135	30.269	27.130	99.0	12.342	.0	1478.9	5138.0	21.1
690.0	685.3	4.443	4.390	34.252	27.150	30.330	27.145	97.7	12.440	.0	1479.0	5260.7	9.1
700.0	695.2	4.421	4.367	34.260	27.159	30.385	27.153	96.9	12.537	.0	1479.1	5384.4	13.5
710.0	705.1	4.387	4.332	34.272	27.172	30.445	27.166	95.8	12.634	.0	1479.1	5509.1	17.9
720.0	715.0	4.380	4.325	34.279	27.179	30.497	27.173	95.2	12.729	.0	1479.3	5634.7	9.4
730.0	724.9	4.357	4.301	34.285	27.186	30.550	27.180	94.6	12.824	.0	1479.3	5761.3	3.0
740.0	734.8	4.342	4.286	34.293	27.194	30.605	27.188	93.9	12.918	.0	1479.4	5888.8	6.2
750.0	744.7	4.324	4.267	34.299	27.201	30.657	27.195	93.4	13.012	.0	1479.5	6017.2	13.9
760.0	754.6	4.301	4.244	34.312	27.213	30.715	27.207	92.3	13.105	.0	1479.6	6146.5	3.6
770.0	764.5	4.297	4.238	34.320	27.221	30.769	27.214	91.7	13.197	.0	1479.8	6276.8	7.4
780.0	774.5	4.265	4.206	34.327	27.230	30.824	27.223	90.9	13.288	.0	1479.8	6407.9	10.4
790.0	784.3	4.233	4.173	34.331	27.236	30.877	27.230	90.3	13.379	.0	1479.9	6539.9	15.6
800.0	794.3	4.234	4.174	34.344	27.247	30.933	27.240	89.4	13.469	.0	1480.0	6672.8	8.6
810.0	804.2	4.211	4.150	34.353	27.256	30.989	27.250	88.6	13.558	.0	1480.1	6806.6	7.2
820.0	814.0	4.185	4.122	34.358	27.263	31.042	27.257	88.0	13.646	.0	1480.2	6941.3	9.8
830.0	824.0	4.167	4.104	34.371	27.275	31.100	27.268	86.9	13.733	.0	1480.3	7076.8	12.4
840.0	833.8	4.106	4.043	34.374	27.284	31.155	27.277	86.1	13.820	.0	1480.2	7213.2	20.3
850.0	843.8	4.086	4.023	34.389	27.298	31.216	27.291	84.8	13.905	.0	1480.3	7350.4	6.9
860.0	853.7	4.080	4.016	34.400	27.307	31.271	27.301	84.0	13.990	.0	1480.5	7488.5	13.3
870.0	863.5	3.990	3.925	34.399	27.316	31.327	27.309	83.1	14.073	.0	1480.2	7627.3	16.2
880.0	873.4	3.998	3.932	34.411	27.325	31.381	27.318	82.4	14.156	.0	1480.5	7767.0	12.4
890.0	883.3	3.956	3.889	34.411	27.329	31.433	27.323	82.0	14.238	.0	1480.4	7907.5	10.4
900.0	893.2	3.934	3.867	34.421	27.340	31.489	27.333	81.0	14.320	.0	1480.5	8048.8	8.9
910.0	903.1	3.906	3.839	34.428	27.347	31.543	27.341	80.3	14.400	.0	1480.6	8190.9	3.1
920.0	913.0	3.872	3.804	34.432	27.354	31.596	27.347	79.7	14.480	.0	1480.6	8333.8	13.9
930.0	922.9	3.874	3.805	34.443	27.363	31.650	27.356	79.0	14.560	.0	1480.8	8477.5	13.1
940.0	932.8	3.862	3.792	34.445	27.366	31.699	27.359	78.8	14.639	.0	1480.9	8621.9	.5
950.0	942.7	3.859	3.789	34.446	27.367	31.746	27.360	78.8	14.717	.0	1481.1	8767.1	1.6
960.0	952.6	3.825	3.754	34.449	27.373	31.799	27.366	78.2	14.796	.0	1481.1	8913.1	11.3
970.0	962.5	3.800	3.728	34.457	27.382	31.853	27.374	77.4	14.874	.0	1481.2	9059.9	13.1
980.0	972.4	3.772	3.699	34.458	27.386	31.904	27.378	77.1	14.951	.0	1481.2	9207.4	1.4
990.0	982.3	3.758	3.685	34.460	27.388	31.952	27.381	76.9	15.028	.0	1481.3	9355.6	3.7

Station 88 Latitude 32° 19.69'N Longitude 127° 51.53'W 05 May 1991 GMT 23:58 Bottom 3485 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.729	3.655	34.462	27.393	32.004	27.386	76.4	15.105	.0	1481.4	9504.7	3.7
1020.0	1011.9	3.666	3.591	34.465	27.402	32.105	27.395	75.6	15.257	.0	1481.4	9804.9	7.5
1040.0	1031.7	3.614	3.538	34.472	27.413	32.208	27.405	74.7	15.407	.0	1481.6	10108.2	11.3
1060.0	1051.5	3.560	3.483	34.478	27.423	32.312	27.416	73.7	15.555	.0	1481.7	10414.3	8.4
1080.0	1071.3	3.514	3.436	34.487	27.435	32.415	27.427	72.7	15.702	.0	1481.8	10723.3	4.6
1100.0	1091.0	3.463	3.383	34.489	27.441	32.514	27.434	72.1	15.847	.0	1481.9	11035.2	3.5
1120.0	1110.8	3.426	3.345	34.495	27.450	32.615	27.442	71.4	15.991	.0	1482.1	11349.9	3.5
1140.0	1130.6	3.387	3.305	34.500	27.458	32.716	27.450	70.7	16.133	.0	1482.3	11667.4	5.2
1160.0	1150.3	3.345	3.262	34.508	27.468	32.818	27.460	69.8	16.273	.0	1482.5	11987.7	2.3
1180.0	1170.1	3.315	3.230	34.512	27.474	32.916	27.466	69.3	16.412	.0	1482.7	12310.7	.9
1200.0	1189.9	3.290	3.204	34.515	27.479	33.013	27.471	68.9	16.550	.0	1482.9	12636.4	1.5
1220.0	1209.6	3.251	3.164	34.519	27.486	33.112	27.478	68.3	16.688	.0	1483.1	12964.8	2.3
1240.0	1229.4	3.229	3.140	34.523	27.492	33.209	27.483	67.8	16.824	.0	1483.3	13295.8	2.4
1260.0	1249.1	3.202	3.112	34.526	27.497	33.306	27.488	67.5	16.959	.0	1483.5	13629.5	3.3
1280.0	1268.9	3.150	3.059	34.532	27.506	33.408	27.498	66.5	17.093	.0	1483.6	13965.8	1.2
1300.0	1288.7	3.096	3.004	34.536	27.515	33.510	27.506	65.7	17.225	.0	1483.7	14304.8	10.9
1320.0	1308.4	3.066	2.972	34.538	27.519	33.606	27.511	65.3	17.356	.0	1484.0	14646.3	1.8
1340.0	1328.1	3.044	2.948	34.540	27.523	33.701	27.514	65.1	17.487	.0	1484.2	14990.3	7.1
1360.0	1347.9	3.008	2.912	34.543	27.528	33.799	27.519	64.6	17.617	.0	1484.4	15336.9	2.4
1380.0	1367.6	2.981	2.884	34.545	27.533	33.895	27.524	64.2	17.746	.0	1484.6	15686.0	1.6
1400.0	1387.4	2.946	2.846	34.547	27.538	33.992	27.529	63.8	17.874	.0	1484.8	16037.6	3.9
1420.0	1407.1	2.908	2.808	34.549	27.542	34.089	27.533	63.4	18.001	.0	1485.0	16391.7	3.6
1440.0	1426.8	2.852	2.750	34.552	27.550	34.190	27.541	62.6	18.127	.0	1485.0	16748.2	.4
1460.0	1446.6	2.814	2.712	34.555	27.556	34.287	27.547	62.0	18.252	.0	1485.2	17107.2	8.6
1480.0	1466.3	2.790	2.686	34.560	27.562	34.385	27.553	61.5	18.375	.0	1485.5	17468.6	4.8
1500.0	1486.1	2.749	2.644	34.561	27.567	34.482	27.557	61.1	18.498	.0	1485.6	17832.4	-.4
1520.0	1505.8	2.712	2.605	34.564	27.572	34.580	27.563	60.5	18.619	.0	1485.8	18198.6	4.6
1540.0	1525.5	2.668	2.560	34.568	27.579	34.680	27.570	59.8	18.740	.0	1485.9	18567.1	2.5
1560.0	1545.2	2.638	2.530	34.570	27.583	34.776	27.574	59.5	18.859	.0	1486.1	18937.9	.2
1580.0	1565.0	2.605	2.495	34.573	27.589	34.873	27.580	58.9	18.978	.0	1486.3	19311.1	4.6
1600.0	1584.7	2.575	2.464	34.576	27.594	34.970	27.584	58.5	19.095	.0	1486.5	19686.5	2.3
1620.0	1604.4	2.531	2.419	34.579	27.600	35.069	27.590	57.8	19.211	.0	1486.7	20064.2	2.3
1640.0	1624.1	2.509	2.395	34.581	27.603	35.164	27.594	57.6	19.327	.0	1486.9	20444.2	4.6
1660.0	1643.8	2.477	2.362	34.583	27.608	35.261	27.599	57.1	19.441	.0	1487.1	20826.4	-.3
1680.0	1663.6	2.453	2.337	34.585	27.612	35.356	27.602	56.8	19.555	.0	1487.4	21210.8	1.4
1700.0	1683.3	2.431	2.314	34.588	27.616	35.451	27.606	56.4	19.668	.0	1487.6	21597.4	-1.5
1720.0	1703.0	2.415	2.296	34.589	27.618	35.545	27.609	56.2	19.781	.0	1487.9	21986.2	3.5
1740.0	1722.7	2.388	2.267	34.592	27.623	35.641	27.613	55.8	19.893	.0	1488.1	22377.1	2.1
1760.0	1742.4	2.377	2.255	34.592	27.624	35.733	27.614	55.8	20.004	.0	1488.4	22770.3	.3
1780.0	1762.1	2.358	2.234	34.594	27.628	35.828	27.618	55.4	20.116	.0	1488.6	23165.5	2.1
1800.0	1781.8	2.341	2.216	34.595	27.630	35.921	27.619	55.3	20.226	.0	1488.9	23563.0	.6
1820.0	1801.5	2.319	2.193	34.598	27.634	36.017	27.624	54.9	20.337	.0	1489.1	23962.6	2.7
1840.0	1821.2	2.290	2.163	34.600	27.638	36.112	27.628	54.5	20.446	.0	1489.3	24364.3	2.1
1860.0	1840.9	2.280	2.151	34.601	27.640	36.205	27.629	54.4	20.555	.0	1489.6	24768.1	8.6
1880.0	1860.6	2.262	2.131	34.603	27.643	36.300	27.633	54.1	20.664	.0	1489.9	25174.0	3.0
1900.0	1880.3	2.249	2.117	34.603	27.645	36.392	27.634	54.0	20.772	.0	1490.2	25582.0	2.8
1920.0	1900.0	2.234	2.101	34.605	27.647	36.485	27.636	53.8	20.880	.0	1490.4	25992.1	2.5
1940.0	1919.7	2.222	2.087	34.606	27.649	36.578	27.638	53.7	20.987	.0	1490.7	26404.3	-1.3
1960.0	1939.4	2.198	2.062	34.608	27.653	36.673	27.642	53.3	21.094	.0	1491.0	26818.6	1.1
1980.0	1959.1	2.161	2.023	34.612	27.659	36.771	27.648	52.7	21.200	.0	1491.1	27234.9	.2
2000.0	1978.7	2.127	1.988	34.615	27.664	36.868	27.653	52.1	21.305	.0	1491.3	27653.2	-.1
2050.0	2027.9	2.067	1.925	34.621	27.674	37.106	27.663	51.2	21.564	.0	1491.9	28707.9	3.5
2096.0	2073.2	2.031	1.886	34.624	27.679	37.321	27.668	50.7	21.799	.0	1492.5	29689.2	.0

Station 89 Latitude 32° 23.61'N Longitude 127° 49.49'W 05 May 1991 GMT 1:50 Bottom 1725 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	16.000	16.000	33.117	24.300	24.300	24.300	361.4	.000	.0	1508.2	.0	.0
10.0	10.0	15.119	15.118	33.114	24.494	24.538	24.494	343.3	.356	.0	1505.6	1.8	81.8
20.0	19.9	15.064	15.061	33.115	24.506	24.594	24.506	342.4	.699	.0	1505.6	7.1	12.4
30.0	29.9	15.027	15.023	33.116	24.516	24.648	24.515	341.8	1.041	.0	1505.7	15.7	8.3
40.0	39.9	15.038	15.032	33.151	24.540	24.717	24.539	339.7	1.382	.0	1505.9	27.8	159.4
50.0	49.8	15.018	15.010	33.332	24.684	24.905	24.683	326.3	1.714	.0	1506.2	43.2	71.6
60.0	59.8	14.562	14.553	33.248	24.718	24.983	24.716	323.4	2.039	.0	1504.8	61.9	22.0
70.0	69.7	14.952	14.942	33.371	24.729	25.038	24.727	322.6	2.362	.0	1506.4	83.8	26.5
80.0	79.7	14.916	14.904	33.377	24.743	25.096	24.740	321.7	2.683	.0	1506.4	109.0	4.6
90.0	89.7	14.657	14.643	33.318	24.753	25.151	24.750	320.9	3.004	.0	1505.7	137.3	11.3
100.0	99.6	14.711	14.696	33.360	24.774	25.216	24.771	319.2	3.325	.0	1506.1	168.8	16.3
110.0	109.6	14.471	14.455	33.325	24.798	25.285	24.795	317.2	3.643	.0	1505.4	203.5	29.7
120.0	119.5	13.853	13.836	33.255	24.873	25.405	24.870	310.2	3.958	.0	1503.5	241.3	119.8
130.0	129.5	13.168	13.151	33.193	24.964	25.542	24.961	301.7	4.265	.0	1501.3	282.3	128.4
140.0	139.4	11.300	11.283	33.078	25.229	25.857	25.226	276.3	4.552	.0	1494.9	326.2	76.2
150.0	149.4	10.509	10.491	33.088	25.376	26.051	25.373	262.3	4.821	.0	1492.2	372.8	66.7
160.0	159.3	9.898	9.880	33.213	25.577	26.300	25.574	243.2	5.075	.0	1490.3	422.1	156.2
170.0	169.3	9.622	9.603	33.313	25.701	26.469	25.698	231.6	5.312	.0	1489.6	473.7	174.9
180.0	179.2	9.546	9.526	33.422	25.799	26.612	25.795	222.5	5.536	.0	1489.6	527.7	92.9
190.0	189.2	9.504	9.483	33.550	25.906	26.764	25.903	212.5	5.753	.0	1489.8	583.8	33.2
200.0	199.1	9.388	9.366	33.640	25.995	26.898	25.991	204.3	5.962	.0	1489.6	642.0	113.1
210.0	209.1	9.191	9.168	33.677	26.056	27.005	26.052	198.6	6.164	.0	1489.1	702.3	57.5
220.0	219.0	8.925	8.902	33.757	26.160	27.156	26.156	188.8	6.358	.0	1488.4	764.6	81.4
230.0	228.9	8.831	8.807	33.783	26.196	27.238	26.192	185.5	6.545	.0	1488.2	828.7	25.2
240.0	238.9	8.729	8.704	33.819	26.240	27.327	26.236	181.5	6.729	.0	1488.1	894.6	40.7
250.0	248.8	8.631	8.605	33.860	26.287	27.420	26.283	177.2	6.908	.0	1487.9	962.4	56.8
260.0	258.7	8.544	8.517	33.891	26.326	27.504	26.322	173.7	7.083	.0	1487.8	1031.9	43.6
270.0	268.7	8.399	8.372	33.939	26.385	27.610	26.381	168.2	7.253	.0	1487.5	1103.1	66.7
280.0	278.6	8.230	8.202	33.983	26.445	27.716	26.441	162.6	7.419	.0	1487.0	1176.0	42.4
290.0	288.5	8.044	8.015	33.999	26.486	27.803	26.481	158.8	7.580	.0	1486.5	1250.5	18.7
300.0	298.5	7.867	7.837	34.002	26.514	27.878	26.510	156.2	7.738	.0	1486.0	1326.6	29.8
310.0	308.4	7.654	7.623	34.006	26.549	27.959	26.544	153.0	7.892	.0	1485.3	1404.2	17.7
320.0	318.3	7.499	7.469	34.010	26.573	28.031	26.569	150.7	8.044	.0	1484.9	1483.3	14.8
330.0	328.3	7.418	7.386	34.015	26.590	28.093	26.585	149.3	8.194	.0	1484.8	1563.9	10.9
340.0	338.2	7.292	7.260	34.018	26.610	28.159	26.605	147.4	8.343	.0	1484.4	1646.0	20.0
350.0	348.1	7.215	7.182	34.020	26.622	28.217	26.617	146.4	8.490	.0	1484.3	1729.6	13.8
360.0	358.0	7.041	7.008	34.006	26.635	28.277	26.630	145.2	8.635	.0	1483.8	1814.6	3.3
370.0	368.0	6.872	6.838	34.007	26.659	28.348	26.654	142.9	8.779	.0	1483.3	1901.0	14.4
380.0	377.9	6.735	6.700	34.007	26.678	28.414	26.673	141.2	8.922	.0	1482.9	1988.9	33.7
390.0	387.8	6.604	6.569	34.007	26.695	28.478	26.690	139.6	9.062	.0	1482.5	2078.1	12.6
400.0	397.8	6.494	6.458	34.008	26.710	28.540	26.705	138.2	9.201	.0	1482.3	2168.8	21.6
410.0	407.7	6.376	6.339	34.011	26.728	28.605	26.724	136.5	9.338	.0	1482.0	2260.8	14.9
420.0	417.6	6.198	6.161	34.023	26.760	28.684	26.756	133.4	9.473	.0	1481.4	2354.1	33.9
430.0	427.5	6.079	6.041	34.037	26.786	28.757	26.782	131.0	9.605	.0	1481.1	2448.8	12.2
440.0	437.5	6.081	6.043	34.047	26.795	28.810	26.790	130.4	9.736	.0	1481.3	2544.7	14.5
450.0	447.4	6.015	5.976	34.056	26.810	28.872	26.805	129.0	9.865	.0	1481.2	2642.0	9.0
460.0	457.3	5.970	5.930	34.058	26.817	28.925	26.812	128.4	9.994	.0	1481.2	2740.5	3.4
470.0	467.2	5.885	5.845	34.062	26.831	28.986	26.826	127.1	10.122	.0	1481.0	2840.3	35.6
480.0	477.1	5.696	5.656	34.070	26.861	29.064	26.856	124.2	10.247	.0	1480.5	2941.3	11.6
490.0	487.0	5.622	5.582	34.069	26.869	29.118	26.864	123.5	10.371	.0	1480.3	3043.6	9.2
500.0	497.0	5.562	5.520	34.067	26.875	29.170	26.870	123.0	10.494	.0	1480.2	3147.0	15.1
510.0	506.9	5.428	5.386	34.070	26.893	29.236	26.888	121.3	10.616	.0	1479.8	3251.7	11.5
520.0	516.8	5.311	5.268	34.078	26.913	29.303	26.908	119.4	10.736	.0	1479.5	3357.6	14.7
530.0	526.7	5.200	5.157	34.080	26.928	29.366	26.923	117.9	10.855	.0	1479.3	3464.7	16.2
540.0	536.6	5.142	5.099	34.089	26.942	29.426	26.937	116.7	10.973	.0	1479.2	3572.9	38.1
550.0	546.6	5.097	5.053	34.098	26.955	29.485	26.949	115.5	11.089	.0	1479.2	3682.3	15.6
560.0	556.5	5.059	5.014	34.108	26.967	29.543	26.962	114.4	11.203	.0	1479.2	3792.8	17.4
570.0	566.4	4.977	4.931	34.121	26.986	29.610	26.981	112.6	11.317	.0	1479.1	3904.4	15.6
580.0	576.3	4.883	4.837	34.134	27.008	29.678	27.002	110.6	11.428	.0	1478.8	4017.2	12.1
590.0	586.2	4.824	4.778	34.149	27.026	29.743	27.021	108.9	11.538	.0	1478.8	4131.0	6.8
600.0	596.1	4.799	4.752	34.155	27.033	29.796	27.028	108.3	11.647	.0	1478.9	4245.9	9.1
610.0	606.0	4.738	4.690	34.169	27.052	29.861	27.046	106.6	11.754	.0	1478.8	4361.9	12.6
620.0	616.0	4.705	4.657	34.178	27.062	29.918	27.057	105.6	11.860	.0	1478.8	4478.9	12.6
630.0	625.9	4.654	4.605	34.188	27.076	29.978	27.071	104.4	11.965	.0	1478.8	4597.0	8.8
640.0	635.8	4.615	4.566	34.198	27.088	30.037	27.083	103.3	12.069	.0	1478.8	4716.1	19.4
650.0	645.7	4.589	4.539	34.205	27.096	30.091	27.091	102.6	12.172	.0	1478.9	4836.2	15.9
660.0	655.6	4.538	4.487	34.220	27.114	30.156	27.109	100.9	12.274	.0	1478.8	4957.3	19.4
670.0	665.5	4.520	4.469	34.228	27.122	30.210	27.117	100.2	12.374	.0	1478.9	5079.4	4.2
680.0	675.4	4.517	4.465	34.237	27.131	30.264	27.125	99.6	12.474	.0	1479.1	5202.5	26.1
690.0	685.3	4.498	4.445	34.258	27.149	30.328	27.143	97.9	12.573	.0	1479.2	5326.6	3.3
700.0	695.2	4.491	4.437	34.263	27.153	30.378	27.148	97.6	12.671	.0	1479.4	5451.7	4.8
710.0	705.1	4.489	4.434	34.262	27.153	30.424	27.147	97.7	12.768	.0	1479.5	5577.7	3.6
720.0	715.0	4.448	4.393	34.260	27.156	30.473	27.150	97.5	12.866	.0	1479.5	5704.6	5.7
730.0	724.9	4.414	4.358	34.272	27.169	30.533	27.163	96.3	12.963	.0	1479.5	5832.6	22.9
740.0	734.8	4.416	4.359	34.281	27.176	30.585	27.170	95.7	13.059	.0	1479.7	5961.4	17.4
750.0	744.8	4.398	4.341	34.292	27.188	30.642	27.181	94.8	13.154	.0	1479.8	6091.2	6.0
760.0	754.7	4.348	4.290	34.303	27.201	30.703	27.195	93.5	13.248	.0	1479.8	6222.0	-.2
770.0	764.6	4.314	4.256	34.307	27.208	30.756	27.202	92.9	13.341	.0	1479.8	6353.6	12.4
780.0	774.5	4.278	4.218	34.317	27.220	30.815	27.214	91.7	13.434	.0	1479.9	6486.2	1.6
790.0	784.4	4.262	4.202	34.323	27.226	30.867	27.220	91.2	13.525	.0	1480.0	6619.7	6.6
800.0	794.3	4.233	4.173	34.330	27.235	30.922	27.229	90.4	13.616	.0	1480.0	6754.1	21.5
810.0	804.2	4.220	4.159	34.336	27.241	30.974	27.235	90.0	13.706	.0	1480.1	6889.3	6.3
820.0	814.1	4.179	4.117	34.345	27.253	31.032	27.247	88.9	13.795	.0	1480.1	7025.4	5.1
830.0	824.0	4.211	4.148	34.361	27.263	31.087	27.256	88.1	13.884	.0	1480.5	7162.5	7.8
840.0	833.9	4.158	4.095	34.357	27.265	31.135	27.258	88.0	13.972	.0	1480.4	7300.3	3.4
850.0	843.8	4.131	4.067	34.364	27.274	31.191	27.267	87.1	14.060	.0	1480.5	7439.1	8.6
860.0	853.7	4.088	4.023	34.380	27.291	31.254	27.284	85.6	14.146	.0	1480.5	7578.7	22.7
870.0	863.6	4.041	3.976	34.392	27.305	31.315	27.298	84.2	14.231	.0	1480.5	7719.1	-1.3
880.0	873.5	4.043	3.977	34.391	27.304	31.360	27.297	84.4	14.315	.0	1480.6	7860.4	1.6
890.0	883.3	4.040	3.973	34.392	27.306	31.407	27.299	84.4	14.399	.0	1480.8	8002.4	-2.2
900.0	893.3	3.989	3.922	34.403	27.320	31.468	27.313	83.0	14.483	.0	1480.7	8145.4	15.7
910.0	903.1	3.981	3.913	34.406	27.323	31.516	27.315	82.8	14.566	.0	1480.9	8289.1	2.2
920.0	913.0	3.972	3.903	34.409	27.326	31.565	27.319	82.6	14.649	.0	1481.0	8433.6	6.6
930.0	922.9	3.958	3.888	34.412	27.330	31.616	27.323	82.2	14.732	.0	1481.1	8579.0	1.4
940.0	932.8	3.951	3.881	34.415	27.333	31.664	27.326	82.0	14.814	.0	1481.3	8725.1	3.7
950.0	942.7	3.916	3.845	34.426	27.346	31.724	27.339	80.9	14.895	.0	1481.3	8872.1	-.4
960.0	952.6	3.871	3.799	34.436	27.358	31.782	27.351	79.7	14.976	.0	1481.3	9019.9	14.8
970.0	962.5	3.853	3.781	34.439	27.362	31.833	27.355	79.4	15.055	.0	1481.4	9168.4	6.1
980.0	972.4	3.814	3.741	34.446	27.372	31.889	27.364	78.5	15.134	.0	1481.4	9317.7	5.5
990.0	982.3	3.788	3.714	34.450	27.377	31.941	27.370	78.0	15.212	.0	1481.4	9467.8	3.7

Station 89 Latitude 32° 23.61'N Longitude 127° 49.49'W 05 May 1991 GMT 1:50 Bottom 1725 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.774	3.700	34.451	27.380	31.990	27.373	77.8	15.290	.0	1481.6	9618.7	-.7
1020.0	1012.0	3.697	3.622	34.461	27.396	32.098	27.389	76.3	15.445	.0	1481.6	9922.6	5.5
1040.0	1031.7	3.648	3.572	34.468	27.406	32.201	27.398	75.4	15.596	.0	1481.7	10229.6	-.4
1060.0	1051.5	3.585	3.508	34.475	27.418	32.305	27.410	74.3	15.746	.0	1481.8	10539.5	7.0
1080.0	1071.3	3.523	3.445	34.485	27.432	32.412	27.424	73.0	15.893	.0	1481.9	10852.3	4.6
1100.0	1091.1	3.478	3.399	34.491	27.441	32.514	27.434	72.1	16.038	.0	1482.0	11168.0	13.7
1120.0	1110.8	3.435	3.354	34.495	27.449	32.614	27.441	71.5	16.181	.0	1482.2	11486.4	10.2
1140.0	1130.6	3.389	3.306	34.503	27.460	32.717	27.452	70.5	16.323	.0	1482.3	11807.7	4.6
1160.0	1150.4	3.306	3.223	34.510	27.473	32.825	27.466	69.1	16.462	.0	1482.3	12131.7	9.0
1180.0	1170.1	3.274	3.190	34.519	27.483	32.926	27.476	68.3	16.600	.0	1482.5	12458.4	5.5
1200.0	1189.9	3.202	3.116	34.520	27.492	33.028	27.483	67.5	16.736	.0	1482.5	12787.8	-.6
1220.0	1209.6	3.177	3.090	34.522	27.495	33.124	27.487	67.2	16.870	.0	1482.7	13119.8	1.7
1240.0	1229.4	3.152	3.064	34.525	27.500	33.220	27.492	66.8	17.004	.0	1483.0	13454.4	3.5
1260.0	1249.2	3.107	3.017	34.529	27.508	33.320	27.500	66.1	17.137	.0	1483.1	13791.7	5.0
1280.0	1268.9	3.087	2.996	34.531	27.511	33.416	27.503	65.9	17.269	.0	1483.4	14131.5	7.6
1300.0	1288.7	3.065	2.973	34.534	27.515	33.512	27.507	65.5	17.400	.0	1483.6	14473.9	3.0
1320.0	1308.4	3.021	2.928	34.537	27.522	33.611	27.514	64.9	17.531	.0	1483.8	14818.8	.9
1340.0	1328.2	2.999	2.904	34.539	27.526	33.706	27.517	64.6	17.660	.0	1484.0	15166.3	3.3
1360.0	1347.9	2.993	2.896	34.541	27.528	33.799	27.519	64.6	17.789	.0	1484.3	15516.3	9.2
1380.0	1367.6	2.948	2.851	34.544	27.535	33.898	27.526	63.9	17.918	.0	1484.5	15868.8	.4
1400.0	1387.4	2.913	2.814	34.548	27.541	33.996	27.532	63.4	18.045	.0	1484.6	16223.8	3.0
1420.0	1407.1	2.862	2.762	34.553	27.550	34.098	27.541	62.5	18.171	.0	1484.8	16581.2	9.5
1440.0	1426.9	2.824	2.723	34.555	27.555	34.195	27.546	62.1	18.295	.0	1484.9	16941.1	.4
1460.0	1446.6	2.794	2.692	34.557	27.559	34.292	27.550	61.6	18.419	.0	1485.1	17303.4	3.4
1480.0	1466.3	2.761	2.658	34.560	27.565	34.389	27.556	61.1	18.542	.0	1485.3	17668.1	2.5
1500.0	1486.1	2.721	2.617	34.564	27.571	34.488	27.562	60.5	18.664	.0	1485.5	18035.2	1.6
1520.0	1505.8	2.709	2.603	34.564	27.572	34.580	27.563	60.5	18.785	.0	1485.8	18404.6	-.7
1540.0	1525.5	2.678	2.570	34.567	27.578	34.678	27.569	60.0	18.905	.0	1486.0	18776.4	-.7
1560.0	1545.3	2.655	2.546	34.569	27.581	34.773	27.572	59.7	19.025	.0	1486.2	19150.5	3.7
1580.0	1565.0	2.624	2.514	34.571	27.586	34.870	27.577	59.3	19.144	.0	1486.4	19526.9	2.3
1600.0	1584.7	2.598	2.486	34.574	27.591	34.966	27.581	58.9	19.262	.0	1486.6	19905.7	2.3
1620.0	1604.4	2.565	2.452	34.576	27.595	35.062	27.585	58.4	19.379	.0	1486.8	20286.7	.8
1640.0	1624.1	2.552	2.438	34.577	27.597	35.156	27.587	58.3	19.496	.0	1487.1	20670.0	1.7
1660.0	1643.8	2.519	2.404	34.580	27.603	35.253	27.593	57.8	19.612	.0	1487.3	21055.5	1.4
1680.0	1663.6	2.495	2.378	34.582	27.606	35.348	27.596	57.5	19.728	.0	1487.5	21443.3	2.0
1700.0	1683.3	2.463	2.345	34.585	27.611	35.445	27.601	57.0	19.842	.0	1487.7	21833.3	1.5
1720.0	1703.0	2.432	2.313	34.587	27.615	35.541	27.605	56.6	19.956	.0	1487.9	22225.6	.6
1740.0	1722.7	2.404	2.283	34.590	27.620	35.638	27.610	56.1	20.069	.0	1488.2	22620.0	11.4
1760.0	1742.4	2.364	2.242	34.593	27.626	35.736	27.616	55.5	20.180	.0	1488.3	23016.6	3.0
1780.0	1762.1	2.314	2.191	34.597	27.633	35.836	27.623	54.7	20.290	.0	1488.4	23415.3	1.8
1800.0	1781.8	2.284	2.160	34.600	27.639	35.933	27.628	54.2	20.399	.0	1488.7	23816.2	5.3
1820.0	1801.5	2.262	2.137	34.602	27.642	36.027	27.632	53.9	20.507	.0	1488.9	24219.1	.9
1840.0	1821.2	2.242	2.115	34.603	27.645	36.121	27.634	53.7	20.615	.0	1489.1	24624.2	-.2
1860.0	1840.9	2.233	2.105	34.604	27.646	36.213	27.635	53.6	20.722	.0	1489.4	25031.3	-2.0
1880.0	1860.6	2.222	2.093	34.605	27.648	36.306	27.637	53.5	20.830	.0	1489.7	25440.5	1.6
1900.0	1880.3	2.217	2.086	34.606	27.649	36.398	27.639	53.4	20.937	.0	1490.0	25851.8	5.7
1920.0	1900.0	2.173	2.040	34.609	27.655	36.496	27.645	52.8	21.043	.0	1490.2	26265.1	-.2
1940.0	1919.7	2.166	2.032	34.610	27.657	36.588	27.646	52.7	21.148	.0	1490.5	26680.5	4.0
1960.0	1939.4	2.160	2.024	34.611	27.658	36.680	27.647	52.7	21.253	.0	1490.8	27097.9	1.6
1980.0	1959.1	2.147	2.010	34.612	27.660	36.773	27.649	52.5	21.359	.0	1491.1	27517.3	1.4
1994.0	1972.8	2.140	2.001	34.613	27.661	36.838	27.650	52.4	21.432	.0	1491.3	27812.1	.0

Station 90 Latitude 32° 26.44'N Longitude 127° 48.01'W 05 May 1991 GMT 3:35 Bottom 535 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.750	15.750	33.081	24.329	24.329	24.329	358.7	.000	.0	1507.4	.0	.0
10.0	10.0	15.175	15.174	33.104	24.474	24.518	24.473	345.2	.357	.0	1505.8	1.8	326.9
20.0	19.9	14.732	14.729	33.082	24.553	24.641	24.552	338.0	.698	.0	1504.5	7.0	30.5
30.0	29.9	14.679	14.675	33.099	24.577	24.710	24.576	335.9	1.034	.0	1504.5	15.7	27.9
40.0	39.9	14.316	14.310	33.087	24.645	24.822	24.644	329.7	1.368	.0	1503.5	27.6	137.6
50.0	49.8	14.153	14.146	33.114	24.701	24.922	24.699	324.7	1.694	.0	1503.2	42.9	31.6
60.0	59.8	14.181	14.173	33.159	24.730	24.995	24.728	322.2	2.017	.0	1503.5	61.4	22.0
70.0	69.7	14.224	14.214	33.187	24.743	25.053	24.741	321.2	2.339	.0	1503.8	83.1	15.5
80.0	79.7	14.153	14.141	33.199	24.767	25.121	24.764	319.3	2.659	.0	1503.7	108.0	15.5
90.0	89.7	14.093	14.080	33.204	24.783	25.182	24.781	317.9	2.977	.0	1503.7	136.0	27.0
100.0	99.6	14.158	14.144	33.259	24.813	25.255	24.810	315.5	3.294	.0	1504.2	167.3	29.3
110.0	109.6	13.799	13.784	33.244	24.876	25.363	24.872	309.7	3.607	.0	1503.1	201.6	72.0
120.0	119.5	13.175	13.159	33.284	25.033	25.566	25.029	294.9	3.911	.0	1501.3	239.1	148.1
130.0	129.5	12.123	12.106	33.220	25.188	25.768	25.185	280.2	4.199	.0	1497.8	279.4	263.2
140.0	139.4	11.612	11.595	33.204	25.270	25.897	25.267	272.4	4.473	.0	1496.1	322.6	122.3
150.0	149.4	10.688	10.670	33.190	25.425	26.099	25.422	257.7	4.735	.0	1493.0	368.4	156.1
160.0	159.3	9.851	9.833	33.181	25.560	26.282	25.557	244.8	4.985	.0	1490.1	416.8	208.9
170.0	169.3	9.371	9.352	33.320	25.747	26.516	25.744	227.1	5.221	.0	1488.7	467.5	189.2
180.0	179.2	9.380	9.360	33.456	25.852	26.666	25.849	217.3	5.444	.0	1489.0	520.6	112.2
190.0	189.2	9.388	9.367	33.573	25.942	26.801	25.939	209.0	5.657	.0	1489.4	575.8	73.3
200.0	199.1	9.347	9.325	33.651	26.010	26.914	26.007	202.8	5.862	.0	1489.5	633.0	27.6
210.0	209.0	9.217	9.194	33.758	26.115	27.064	26.111	193.0	6.061	.0	1489.3	692.3	116.3
220.0	219.0	9.249	9.225	33.798	26.142	27.136	26.138	190.7	6.253	.0	1489.7	753.5	20.6
230.0	228.9	9.191	9.166	33.861	26.200	27.240	26.196	185.4	6.442	.0	1489.7	816.6	8.6
240.0	238.9	9.002	8.976	33.902	26.263	27.348	26.258	179.5	6.625	.0	1489.2	881.5	128.0
250.0	248.8	8.839	8.812	33.920	26.302	27.434	26.298	175.9	6.802	.0	1488.8	948.2	43.4
260.0	258.7	8.615	8.588	33.910	26.329	27.507	26.325	173.4	6.977	.0	1488.1	1016.7	57.7
270.0	268.7	8.501	8.473	33.961	26.387	27.611	26.383	168.0	7.147	.0	1487.9	1086.8	9.7
280.0	278.6	8.360	8.331	33.961	26.408	27.678	26.404	166.1	7.315	.0	1487.5	1158.7	67.9
290.0	288.5	8.198	8.168	33.995	26.460	27.776	26.455	161.4	7.478	.0	1487.1	1232.1	36.3
300.0	298.5	8.158	8.128	33.998	26.468	27.830	26.463	160.7	7.639	.0	1487.1	1307.2	24.0
310.0	308.4	7.831	7.801	34.006	26.523	27.932	26.518	155.5	7.797	.0	1486.0	1383.9	30.0
320.0	318.3	7.689	7.658	34.007	26.544	28.000	26.540	153.6	7.952	.0	1485.6	1462.1	35.6
330.0	328.3	7.507	7.476	34.008	26.571	28.074	26.566	151.1	8.104	.0	1485.1	1541.8	16.8
340.0	338.2	7.346	7.313	34.005	26.592	28.141	26.587	149.1	8.254	.0	1484.6	1623.0	14.4
350.0	348.1	7.269	7.236	34.012	26.608	28.203	26.603	147.7	8.403	.0	1484.5	1705.7	42.8
360.0	358.0	7.095	7.062	34.022	26.640	28.282	26.636	144.7	8.549	.0	1484.0	1789.8	8.6
370.0	368.0	7.045	7.010	34.024	26.649	28.337	26.644	144.0	8.693	.0	1484.0	1875.4	23.5
380.0	377.9	6.887	6.852	34.018	26.666	28.401	26.661	142.4	8.836	.0	1483.5	1962.4	10.3
390.0	387.8	6.689	6.653	34.018	26.692	28.474	26.687	139.9	8.977	.0	1482.9	2050.8	17.9
400.0	397.8	6.618	6.582	34.021	26.704	28.532	26.699	138.9	9.116	.0	1482.8	2140.6	9.9
410.0	407.7	6.558	6.521	34.028	26.718	28.592	26.713	137.7	9.255	.0	1482.7	2231.8	19.0
420.0	417.6	6.542	6.504	34.028	26.720	28.640	26.715	137.6	9.393	.0	1482.8	2324.3	23.7
430.0	427.5	6.422	6.383	34.048	26.752	28.718	26.747	134.6	9.529	.0	1482.5	2418.2	65.0
440.0	437.4	6.240	6.201	34.055	26.780	28.794	26.775	131.9	9.661	.0	1482.0	2513.4	22.8
450.0	447.4	6.175	6.136	34.056	26.789	28.850	26.784	131.1	9.793	.0	1481.9	2609.9	.8
460.0	457.3	5.929	5.889	34.067	26.830	28.938	26.825	127.2	9.922	.0	1481.1	2707.7	63.1
470.0	467.2	5.778	5.738	34.071	26.851	29.007	26.846	125.1	10.048	.0	1480.6	2806.8	44.7
480.0	477.1	5.516	5.476	34.084	26.894	29.098	26.889	120.9	10.171	.0	1479.7	2907.1	36.1
490.0	487.0	5.399	5.359	34.091	26.913	29.165	26.908	119.1	10.291	.0	1479.4	3008.6	24.4
500.0	497.0	5.352	5.311	34.096	26.922	29.221	26.917	118.3	10.410	.0	1479.4	3111.2	3.6
510.0	506.9	5.326	5.284	34.099	26.928	29.272	26.923	117.8	10.528	.0	1479.5	3215.1	8.3
520.0	516.8	5.183	5.141	34.110	26.954	29.346	26.949	115.4	10.645	.0	1479.1	3320.1	25.5
526.0	522.8	5.163	5.121	34.110	26.956	29.375	26.951	115.2	10.714	.0	1479.1	3383.6	.0

Station 91 Latitude 32° 30.65'N Longitude 127° 46.07'W 05 May 1991 GMT 4:36 Bottom 1850 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.768	15.768	33.221	24.433	24.433	24.433	348.8	.000	.0	1507.6	.0	.0
10.0	10.0	15.769	15.767	33.219	24.431	24.475	24.430	349.3	.349	.0	1507.8	1.7	10.8
20.0	19.9	15.085	15.083	33.244	24.602	24.690	24.601	333.3	.689	.0	1505.8	6.9	10.7
30.0	29.9	15.033	15.028	33.242	24.611	24.744	24.610	332.7	1.022	.0	1505.8	15.5	11.9
40.0	39.8	14.972	14.966	33.240	24.624	24.800	24.622	331.8	1.354	.0	1505.8	27.3	4.5
50.0	49.8	14.915	14.907	33.248	24.642	24.863	24.640	330.3	1.686	.0	1505.8	42.4	29.7
60.0	59.8	14.806	14.797	33.258	24.674	24.938	24.671	327.6	2.015	.0	1505.6	60.9	76.0
70.0	69.7	14.482	14.472	33.254	24.740	25.050	24.738	321.6	2.339	.0	1504.7	82.5	27.6
80.0	79.7	14.406	14.394	33.281	24.777	25.131	24.775	318.3	2.658	.0	1504.7	107.4	8.0
90.0	89.7	14.433	14.420	33.318	24.801	25.199	24.798	316.4	2.976	.0	1505.0	135.5	18.5
100.0	99.6	14.465	14.451	33.373	24.836	25.278	24.833	313.3	3.291	.0	1505.3	166.7	29.7
110.0	109.6	14.221	14.205	33.371	24.887	25.373	24.883	308.7	3.603	.0	1504.7	201.0	140.0
120.0	119.5	13.446	13.430	33.311	24.999	25.532	24.996	298.2	3.907	.0	1502.2	238.4	510.9
130.0	129.5	11.944	11.927	33.256	25.249	25.830	25.246	274.3	4.189	.0	1497.2	278.7	216.9
140.0	139.4	10.731	10.714	33.183	25.412	26.041	25.409	258.7	4.456	.0	1493.0	321.7	152.6
150.0	149.4	10.298	10.281	33.177	25.482	26.158	25.479	252.1	4.711	.0	1491.6	367.3	162.1
160.0	159.3	9.547	9.529	33.224	25.643	26.367	25.641	236.8	4.955	.0	1489.0	415.4	99.9
170.0	169.3	9.038	9.020	33.282	25.770	26.540	25.767	224.8	5.187	.0	1487.4	465.9	111.5
180.0	179.2	8.783	8.764	33.417	25.916	26.732	25.913	211.0	5.406	.0	1486.8	518.5	150.7
190.0	189.1	8.737	8.717	33.520	26.003	26.865	26.000	203.0	5.613	.0	1486.9	573.3	107.4
200.0	199.1	8.665	8.644	33.636	26.106	27.013	26.103	193.4	5.810	.0	1486.9	630.1	57.6
210.0	209.0	8.578	8.556	33.713	26.180	27.132	26.176	186.6	5.999	.0	1486.9	688.8	81.1
220.0	219.0	8.564	8.541	33.785	26.238	27.236	26.235	181.2	6.183	.0	1487.1	749.3	54.1
230.0	228.9	8.540	8.517	33.862	26.303	27.346	26.299	175.3	6.361	.0	1487.2	811.7	41.5
240.0	238.9	8.500	8.475	33.913	26.349	27.437	26.345	171.1	6.534	.0	1487.3	875.7	38.0
250.0	248.8	8.421	8.395	33.975	26.410	27.544	26.406	165.5	6.702	.0	1487.3	941.5	12.8
260.0	258.7	8.384	8.358	33.997	26.433	27.612	26.429	163.5	6.867	.0	1487.3	1008.9	48.3
270.0	268.6	8.468	8.440	34.059	26.469	27.693	26.465	160.3	7.029	.0	1487.9	1077.9	44.8
280.0	278.6	8.308	8.279	34.053	26.489	27.759	26.485	158.5	7.188	.0	1487.4	1148.5	17.2
290.0	288.5	8.272	8.243	34.080	26.515	27.831	26.510	156.2	7.346	.0	1487.5	1220.7	20.2
300.0	298.5	8.183	8.153	34.088	26.535	27.897	26.531	154.4	7.501	.0	1487.3	1294.4	24.0
310.0	308.4	8.026	7.995	34.091	26.561	27.969	26.556	152.1	7.654	.0	1486.9	1369.7	38.9
320.0	318.3	7.916	7.884	34.090	26.576	28.030	26.572	150.7	7.806	.0	1486.6	1446.4	22.8
330.0	328.2	7.853	7.820	34.088	26.584	28.084	26.580	150.1	7.956	.0	1486.5	1524.7	16.0
340.0	338.2	7.677	7.644	34.085	26.607	28.154	26.603	147.9	8.105	.0	1486.0	1604.4	12.8
350.0	348.1	7.524	7.490	34.080	26.625	28.218	26.621	146.3	8.252	.0	1485.6	1685.6	15.1
360.0	358.0	7.464	7.429	34.088	26.641	28.280	26.636	144.9	8.398	.0	1485.5	1768.3	11.6
370.0	368.0	7.335	7.299	34.090	26.660	28.346	26.655	143.2	8.542	.0	1485.2	1852.4	10.4
380.0	377.9	7.251	7.214	34.089	26.672	28.403	26.667	142.2	8.685	.0	1485.0	1937.9	6.9
390.0	387.8	7.062	7.025	34.090	26.698	28.477	26.693	139.7	8.826	.0	1484.4	2024.8	34.1
400.0	397.7	6.924	6.887	34.094	26.721	28.546	26.716	137.6	8.965	.0	1484.1	2113.1	20.0
410.0	407.6	6.720	6.682	34.098	26.751	28.624	26.746	134.7	9.101	.0	1483.4	2202.7	15.5
420.0	417.6	6.354	6.317	34.070	26.778	28.700	26.773	132.0	9.234	.0	1482.1	2293.7	37.7
430.0	427.5	6.363	6.325	34.095	26.796	28.763	26.791	130.4	9.366	.0	1482.3	2386.0	26.3
440.0	437.4	6.050	6.012	34.075	26.820	28.836	26.815	128.0	9.495	.0	1481.2	2479.6	21.0
450.0	447.3	5.946	5.907	34.084	26.840	28.903	26.836	126.1	9.621	.0	1481.0	2574.4	16.9
460.0	457.3	5.817	5.778	34.090	26.862	28.972	26.857	124.1	9.747	.0	1480.6	2670.5	17.4
470.0	467.2	5.814	5.774	34.102	26.871	29.027	26.866	123.3	9.870	.0	1480.8	2767.8	11.9
480.0	477.1	5.666	5.626	34.097	26.886	29.089	26.881	121.8	9.993	.0	1480.4	2866.3	21.5
490.0	487.0	5.603	5.562	34.096	26.892	29.142	26.887	121.3	10.114	.0	1480.3	2966.0	3.6
500.0	496.9	5.578	5.537	34.111	26.907	29.202	26.902	120.0	10.235	.0	1480.4	3066.9	10.1
510.0	506.9	5.624	5.581	34.130	26.917	29.257	26.912	119.3	10.355	.0	1480.7	3169.0	12.8
520.0	516.8	5.376	5.333	34.119	26.938	29.327	26.933	117.1	10.473	.0	1479.9	3272.3	24.4
530.0	526.7	5.254	5.211	34.108	26.944	29.381	26.939	116.5	10.590	.0	1479.5	3376.8	16.2
540.0	536.6	5.189	5.146	34.118	26.960	29.443	26.955	115.1	10.706	.0	1479.4	3482.4	17.9
550.0	546.5	5.073	5.029	34.117	26.972	29.502	26.967	113.9	10.820	.0	1479.1	3589.1	7.4
560.0	556.4	5.037	4.992	34.124	26.981	29.558	26.976	113.0	10.934	.0	1479.1	3696.9	16.2
570.0	566.3	4.977	4.932	34.130	26.993	29.617	26.988	111.9	11.046	.0	1479.1	3805.9	30.2
580.0	576.3	4.887	4.841	34.146	27.017	29.687	27.012	109.8	11.157	.0	1478.9	3915.9	23.5
590.0	586.2	4.843	4.797	34.161	27.033	29.750	27.028	108.3	11.266	.0	1478.9	4027.1	13.2
600.0	596.1	4.793	4.746	34.171	27.047	29.810	27.042	107.0	11.373	.0	1478.9	4139.3	17.0
610.0	606.0	4.752	4.704	34.181	27.060	29.869	27.054	105.9	11.480	.0	1478.9	4252.5	15.6
620.0	615.9	4.715	4.666	34.188	27.069	29.925	27.064	105.0	11.585	.0	1478.9	4366.8	22.6
630.0	625.8	4.668	4.620	34.195	27.080	29.982	27.074	104.0	11.690	.0	1478.9	4482.2	11.5
640.0	635.7	4.635	4.585	34.201	27.089	30.037	27.083	103.3	11.793	.0	1478.9	4598.5	5.9
650.0	645.7	4.602	4.552	34.210	27.099	30.094	27.094	102.4	11.896	.0	1478.9	4715.9	22.0
660.0	655.6	4.601	4.550	34.223	27.110	30.150	27.104	101.4	11.998	.0	1479.1	4834.3	9.1
670.0	665.5	4.582	4.531	34.243	27.128	30.214	27.122	99.8	12.099	.0	1479.2	4953.7	20.3
680.0	675.4	4.546	4.493	34.255	27.141	30.274	27.135	98.6	12.198	.0	1479.3	5074.0	7.4
690.0	685.3	4.543	4.490	34.263	27.148	30.326	27.142	98.1	12.296	.0	1479.4	5195.4	15.9
700.0	695.2	4.527	4.472	34.280	27.163	30.388	27.157	96.7	12.393	.0	1479.5	5317.7	6.2
710.0	705.1	4.523	4.468	34.292	27.173	30.443	27.167	95.9	12.490	.0	1479.7	5440.9	3.9
720.0	715.0	4.516	4.460	34.298	27.179	30.495	27.173	95.5	12.585	.0	1479.8	5565.1	2.5
730.0	724.9	4.498	4.442	34.301	27.183	30.545	27.177	95.1	12.681	.0	1479.9	5690.2	15.1
740.0	734.8	4.449	4.392	34.316	27.201	30.609	27.195	93.5	12.775	.0	1479.9	5816.3	8.6
750.0	744.7	4.347	4.290	34.315	27.211	30.667	27.205	92.5	12.868	.0	1479.7	5943.3	10.3
760.0	754.6	4.309	4.251	34.321	27.220	30.722	27.214	91.7	12.960	.0	1479.7	6071.2	2.7
770.0	764.5	4.302	4.244	34.324	27.223	30.771	27.217	91.5	13.051	.0	1479.8	6200.0	3.6
780.0	774.4	4.296	4.237	34.326	27.226	30.820	27.219	91.3	13.143	.0	1480.0	6329.7	7.1
790.0	784.3	4.277	4.217	34.338	27.237	30.877	27.230	90.3	13.233	.0	1480.1	6460.2	2.8
800.0	794.2	4.267	4.206	34.343	27.242	30.927	27.235	89.9	13.324	.0	1480.2	6591.7	.1
810.0	804.1	4.239	4.177	34.345	27.247	30.979	27.240	89.5	13.413	.0	1480.2	6724.1	21.2
820.0	814.0	4.189	4.127	34.356	27.261	31.039	27.254	88.2	13.502	.0	1480.2	6857.3	7.7
830.0	823.9	4.190	4.127	34.362	27.265	31.090	27.259	87.9	13.590	.0	1480.4	6991.4	3.1
840.0	833.8	4.160	4.096	34.372	27.277	31.148	27.270	86.8	13.677	.0	1480.4	7126.4	4.5
850.0	843.7	4.155	4.091	34.374	27.279	31.195	27.272	86.7	13.764	.0	1480.6	7262.2	2.8
860.0	853.6	4.135	4.070	34.381	27.287	31.249	27.280	86.1	13.851	.0	1480.7	7398.9	6.6
870.0	863.5	4.074	4.008	34.387	27.298	31.307	27.291	85.0	13.936	.0	1480.6	7536.4	13.6
880.0	873.4	4.027	3.961	34.394	27.308	31.364	27.301	84.0	14.021	.0	1480.6	7674.7	3.7
890.0	883.3	4.022	3.956	34.395	27.309	31.411	27.302	84.0	14.105	.0	1480.7	7813.9	2.5
900.0	893.2	4.024	3.957	34.398	27.312	31.459	27.305	83.8	14.189	.0	1480.9	7953.9	7.2
910.0	903.1	4.006	3.938	34.404	27.319	31.512	27.312	83.2	14.272	.0	1481.0	8094.7	7.2
920.0	913.0	3.999	3.930	34.417	27.330	31.569	27.322	82.3	14.355	.0	1481.1	8236.3	4.6
930.0	922.9	3.978	3.908	34.419	27.334	31.618	27.326	82.0	14.437	.0	1481.2	8378.8	3.7
940.0	932.8	3.955	3.885	34.422	27.338	31.669	27.331	81.6	14.519	.0	1481.3	8522.0	3.7
950.0	942.7	3.934	3.863	34.422	27.341	31.718	27.333	81.4	14.600	.0	1481.4	8666.1	2.0
960.0	952.6	3.904	3.833	34.425	27.346	31.769	27.338	80.9	14.681	.0	1481.4	8810.9	3.1
970.0	962.5	3.887	3.815	34.425	27.348	31.818	27.341	80.8	14.762	.0	1481.5	8956.5	5.8
980.0	972.4	3.866	3.793	34.425	27.350	31.866	27.343	80.6	14.843	.0	1481.6	9102.9	-.1
990.0	982.3	3.835	3.761	34.429	27.356	31.919	27.349	80.1	14.923	.0	1481.6	9250.2	1.4

Station 91 Latitude 32° 30.65'N Longitude 127° 46.07'W 05 May 1991 GMT 4:36 Bottom 1850 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.835	3.760	34.429	27.357	31.965	27.349	80.1	15.003	.0	1481.8	9398.2	1.1
1020.0	1011.9	3.780	3.704	34.440	27.371	32.071	27.363	78.8	15.163	.0	1481.9	9696.5	10.2
1040.0	1031.7	3.734	3.657	34.446	27.381	32.173	27.373	78.0	15.320	.0	1482.0	9998.0	3.8
1060.0	1051.5	3.701	3.623	34.453	27.389	32.274	27.381	77.3	15.475	.0	1482.2	10302.5	1.4
1080.0	1071.3	3.619	3.539	34.465	27.407	32.385	27.399	75.6	15.628	.0	1482.2	10610.0	8.5
1100.0	1091.0	3.592	3.512	34.467	27.412	32.482	27.404	75.2	15.778	.0	1482.5	10920.5	.8
1120.0	1110.8	3.531	3.449	34.478	27.426	32.589	27.418	73.9	15.927	.0	1482.5	11233.9	6.7
1140.0	1130.6	3.480	3.397	34.485	27.437	32.692	27.428	72.9	16.074	.0	1482.7	11550.2	1.2
1160.0	1150.3	3.450	3.365	34.487	27.441	32.788	27.433	72.5	16.220	.0	1482.9	11869.3	4.1
1180.0	1170.1	3.394	3.308	34.496	27.454	32.894	27.446	71.4	16.364	.0	1483.0	12191.3	9.4
1200.0	1189.8	3.334	3.247	34.503	27.465	32.998	27.457	70.3	16.506	.0	1483.1	12516.1	9.7
1220.0	1209.6	3.295	3.207	34.508	27.473	33.097	27.465	69.6	16.645	.0	1483.2	12843.6	4.1
1240.0	1229.4	3.249	3.160	34.514	27.482	33.199	27.474	68.8	16.784	.0	1483.4	13173.8	6.8
1260.0	1249.1	3.203	3.113	34.519	27.491	33.300	27.483	68.0	16.920	.0	1483.5	13506.8	4.4
1280.0	1268.9	3.173	3.081	34.522	27.496	33.398	27.488	67.5	17.056	.0	1483.7	13842.3	6.2
1300.0	1288.6	3.156	3.063	34.523	27.499	33.492	27.490	67.4	17.191	.0	1484.0	14180.6	3.0
1320.0	1308.4	3.119	3.024	34.527	27.505	33.590	27.497	66.8	17.324	.0	1484.2	14521.4	2.1
1340.0	1328.1	3.091	2.995	34.531	27.511	33.688	27.502	66.3	17.458	.0	1484.4	14864.8	4.2
1360.0	1347.9	3.053	2.957	34.535	27.518	33.787	27.509	65.7	17.590	.0	1484.6	15210.8	5.7
1380.0	1367.6	3.029	2.931	34.535	27.521	33.882	27.512	65.5	17.721	.0	1484.8	15559.4	.1
1400.0	1387.3	2.970	2.870	34.543	27.532	33.986	27.523	64.4	17.851	.0	1484.9	15910.5	6.0
1420.0	1407.1	2.939	2.839	34.544	27.536	34.082	27.527	64.1	17.979	.0	1485.1	16264.2	3.6
1440.0	1426.8	2.901	2.799	34.548	27.542	34.180	27.533	63.5	18.106	.0	1485.2	16620.3	-1.3
1460.0	1446.6	2.884	2.781	34.549	27.545	34.274	27.536	63.3	18.233	.0	1485.5	16978.9	2.2
1480.0	1466.3	2.872	2.767	34.551	27.548	34.368	27.538	63.2	18.360	.0	1485.8	17340.0	.8
1500.0	1486.0	2.840	2.734	34.554	27.553	34.465	27.543	62.7	18.486	.0	1486.0	17703.5	4.9
1520.0	1505.8	2.807	2.700	34.557	27.558	34.562	27.549	62.2	18.611	.0	1486.2	18069.5	5.2
1540.0	1525.5	2.775	2.666	34.559	27.563	34.659	27.554	61.7	18.735	.0	1486.4	18437.8	3.4
1560.0	1545.2	2.753	2.642	34.561	27.567	34.755	27.557	61.4	18.858	.0	1486.6	18808.6	2.0
1580.0	1564.9	2.732	2.620	34.563	27.570	34.849	27.561	61.2	18.980	.0	1486.9	19181.8	1.7
1600.0	1584.7	2.717	2.604	34.564	27.573	34.943	27.563	61.0	19.103	.0	1487.1	19557.3	1.4
1620.0	1604.4	2.687	2.572	34.568	27.578	35.040	27.568	60.5	19.224	.0	1487.3	19935.3	6.7
1640.0	1624.1	2.665	2.549	34.569	27.581	35.134	27.571	60.3	19.345	.0	1487.6	20315.5	1.7
1660.0	1643.8	2.644	2.527	34.570	27.584	35.229	27.574	60.0	19.465	.0	1487.8	20698.1	-.9
1680.0	1663.5	2.624	2.506	34.572	27.587	35.323	27.577	59.8	19.584	.0	1488.1	21083.0	5.0
1700.0	1683.3	2.582	2.463	34.576	27.594	35.423	27.584	59.1	19.703	.0	1488.2	21470.3	2.1
1720.0	1703.0	2.564	2.443	34.578	27.597	35.517	27.587	58.9	19.821	.0	1488.5	21859.8	-4.1
1740.0	1722.7	2.557	2.434	34.578	27.598	35.609	27.588	58.8	19.938	.0	1488.8	22251.6	.9
1760.0	1742.4	2.518	2.395	34.582	27.605	35.707	27.594	58.2	20.056	.0	1489.0	22645.7	3.3
1780.0	1762.1	2.476	2.351	34.585	27.611	35.805	27.600	57.5	20.172	.0	1489.1	23042.1	15.0
1796.0	1777.8	2.445	2.319	34.588	27.616	35.884	27.605	57.1	20.263	.0	1489.3	23360.8	.0

Station 92 Latitude 32° 33.62'N Longitude 127° 44.63'W 05 May 1991 GMT 6:13 Bottom 3360 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.838	15.838	33.254	24.442	24.442	24.442	347.9	.000	.0	1507.9	.0	.0
10.0	10.0	15.783	15.781	33.260	24.459	24.503	24.459	346.6	.348	.0	1507.9	1.7	332.6
20.0	19.9	15.138	15.135	33.247	24.592	24.681	24.592	334.2	.684	.0	1506.0	6.9	18.6
30.0	29.9	15.077	15.072	33.250	24.608	24.741	24.607	333.0	1.017	.0	1506.0	15.4	2.2
40.0	39.8	15.049	15.043	33.253	24.617	24.794	24.616	332.4	1.350	.0	1506.1	27.1	17.7
50.0	49.8	14.936	14.929	33.270	24.654	24.875	24.653	329.2	1.681	.0	1505.9	42.2	51.1
60.0	59.8	14.910	14.901	33.268	24.659	24.924	24.657	329.0	2.010	.0	1506.0	60.6	57.0
70.0	69.7	14.491	14.481	33.255	24.739	25.049	24.737	321.7	2.336	.0	1504.8	82.3	58.9
80.0	79.7	14.405	14.393	33.297	24.789	25.143	24.787	317.2	2.655	.0	1504.7	107.1	19.7
90.0	89.7	14.422	14.409	33.326	24.809	25.206	24.806	315.6	2.971	.0	1504.9	135.2	19.1
100.0	99.6	14.323	14.309	33.352	24.850	25.292	24.847	312.0	3.286	.0	1504.8	166.3	167.0
110.0	109.6	13.266	13.251	33.290	25.019	25.508	25.016	295.9	3.589	.0	1501.4	200.5	94.8
120.0	119.5	12.420	12.405	33.273	25.172	25.707	25.169	281.5	3.879	.0	1498.7	237.7	164.3
130.0	129.5	11.584	11.568	33.285	25.338	25.920	25.335	265.7	4.156	.0	1496.0	277.7	254.3
140.0	139.4	10.727	10.711	33.373	25.560	26.189	25.557	244.7	4.411	.0	1493.2	320.4	209.7
150.0	149.4	10.090	10.073	33.341	25.645	26.321	25.642	236.6	4.651	.0	1491.0	365.4	104.4
160.0	159.3	9.340	9.323	33.304	25.739	26.463	25.737	227.6	4.884	.0	1488.4	412.8	150.0
170.0	169.3	9.231	9.212	33.344	25.788	26.558	25.785	223.1	5.108	.0	1488.2	462.5	82.6
180.0	179.2	9.223	9.203	33.429	25.856	26.671	25.853	216.9	5.327	.0	1488.4	514.4	62.1
190.0	189.1	8.986	8.966	33.546	25.985	26.846	25.982	204.8	5.539	.0	1487.9	568.4	181.8
200.0	199.1	8.830	8.808	33.637	26.081	26.987	26.078	195.8	5.738	.0	1487.6	624.5	41.0
210.0	209.0	8.796	8.774	33.726	26.156	27.108	26.153	188.9	5.931	.0	1487.7	682.5	88.4
220.0	219.0	8.627	8.604	33.822	26.258	27.256	26.254	179.4	6.115	.0	1487.4	742.4	67.9
230.0	228.9	8.664	8.640	33.940	26.344	27.387	26.341	171.4	6.291	.0	1487.8	804.0	95.5
240.0	238.8	8.497	8.472	33.960	26.386	27.475	26.383	167.5	6.460	.0	1487.4	867.4	35.7
250.0	248.8	8.411	8.385	33.977	26.413	27.547	26.409	165.2	6.625	.0	1487.2	932.4	6.4
260.0	258.7	8.308	8.281	33.984	26.434	27.614	26.430	163.3	6.790	.0	1487.0	999.0	57.0
270.0	268.6	8.085	8.058	33.989	26.471	27.698	26.467	159.8	6.951	.0	1486.3	1067.2	43.0
280.0	278.6	7.941	7.913	33.987	26.491	27.764	26.487	158.1	7.109	.0	1485.9	1137.1	3.4
290.0	288.5	7.833	7.804	33.992	26.511	27.830	26.507	156.2	7.267	.0	1485.7	1208.5	9.2
300.0	298.4	7.740	7.710	33.999	26.530	27.895	26.526	154.6	7.423	.0	1485.5	1281.4	30.6
310.0	308.4	7.566	7.536	34.001	26.558	27.969	26.553	152.1	7.576	.0	1485.0	1355.9	34.1
320.0	318.3	7.514	7.483	34.004	26.567	28.024	26.562	151.3	7.727	.0	1485.0	1431.9	11.5
330.0	328.2	7.463	7.431	34.018	26.585	28.088	26.581	149.7	7.878	.0	1484.9	1509.4	28.2
340.0	338.2	7.445	7.412	34.047	26.611	28.159	26.606	147.5	8.026	.0	1485.1	1588.3	16.8
350.0	348.1	7.404	7.370	34.058	26.626	28.219	26.621	146.2	8.173	.0	1485.1	1668.7	23.3
360.0	358.0	7.427	7.392	34.081	26.640	28.279	26.635	145.0	8.319	.0	1485.4	1750.6	17.4
370.0	367.9	7.334	7.298	34.087	26.658	28.343	26.653	143.4	8.463	.0	1485.2	1833.9	6.9
380.0	377.9	7.292	7.256	34.098	26.673	28.404	26.668	142.1	8.606	.0	1485.2	1918.6	34.1
390.0	387.8	7.099	7.063	34.106	26.706	28.484	26.701	139.0	8.746	.0	1484.6	2004.7	25.9
400.0	397.7	6.917	6.880	34.110	26.735	28.560	26.729	136.3	8.884	.0	1484.1	2092.2	35.8
410.0	407.6	6.808	6.771	34.106	26.746	28.618	26.741	135.2	9.019	.0	1483.8	2181.1	18.5
420.0	417.6	6.616	6.578	34.110	26.775	28.694	26.770	132.5	9.153	.0	1483.2	2271.2	29.3
430.0	427.5	6.519	6.480	34.118	26.794	28.760	26.789	130.7	9.285	.0	1483.0	2362.7	15.5
440.0	437.4	6.406	6.366	34.127	26.816	28.828	26.811	128.7	9.415	.0	1482.7	2455.5	21.7
450.0	447.3	6.264	6.224	34.134	26.840	28.899	26.835	126.4	9.542	.0	1482.3	2549.5	16.9
460.0	457.3	6.167	6.127	34.140	26.857	28.963	26.852	124.9	9.668	.0	1482.1	2644.8	22.5
470.0	467.2	6.009	5.968	34.132	26.871	29.024	26.865	123.6	9.792	.0	1481.6	2741.3	14.0
480.0	477.1	5.933	5.892	34.135	26.883	29.082	26.878	122.5	9.915	.0	1481.5	2839.1	17.8
490.0	487.0	5.935	5.892	34.147	26.892	29.138	26.887	121.7	10.037	.0	1481.7	2938.0	30.7
500.0	496.9	5.749	5.707	34.148	26.916	29.209	26.911	119.4	10.157	.0	1481.1	3038.2	16.9
510.0	506.9	5.683	5.640	34.154	26.929	29.268	26.923	118.3	10.276	.0	1481.0	3139.5	3.1
520.0	516.8	5.555	5.512	34.159	26.949	29.336	26.944	116.3	10.393	.0	1480.7	3242.0	12.7
530.0	526.7	5.494	5.450	34.168	26.963	29.396	26.958	115.0	10.509	.0	1480.6	3345.7	29.4
540.0	536.6	5.345	5.301	34.170	26.982	29.463	26.977	113.2	10.624	.0	1480.1	3450.4	28.2
550.0	546.5	5.318	5.273	34.177	26.991	29.518	26.986	112.4	10.736	.0	1480.2	3556.3	23.6
560.0	556.4	5.211	5.165	34.180	27.006	29.580	27.001	110.9	10.848	.0	1479.9	3663.3	5.7
570.0	566.3	5.101	5.055	34.176	27.016	29.637	27.010	110.0	10.958	.0	1479.6	3771.4	6.5
580.0	576.3	5.075	5.028	34.188	27.028	29.695	27.023	109.0	11.068	.0	1479.7	3880.6	8.0
590.0	586.2	5.092	5.044	34.201	27.037	29.750	27.031	108.3	11.176	.0	1480.0	3990.9	17.7
600.0	596.1	4.987	4.939	34.203	27.050	29.810	27.045	107.0	11.284	.0	1479.7	4102.2	8.9
610.0	606.0	4.919	4.871	34.205	27.060	29.866	27.054	106.1	11.390	.0	1479.6	4214.6	3.0
620.0	615.9	4.840	4.792	34.214	27.076	29.929	27.070	104.6	11.496	.0	1479.4	4328.0	5.1
630.0	625.8	4.648	4.599	34.204	27.090	29.992	27.084	103.1	11.599	.0	1478.8	4442.4	10.0
640.0	635.7	4.619	4.569	34.210	27.097	30.046	27.092	102.4	11.702	.0	1478.8	4557.9	5.9
650.0	645.6	4.592	4.542	34.218	27.107	30.102	27.102	101.6	11.804	.0	1478.9	4674.3	11.5
660.0	655.5	4.557	4.506	34.230	27.120	30.162	27.115	100.4	11.905	.0	1478.9	4791.8	12.9
670.0	665.5	4.532	4.481	34.241	27.132	30.219	27.126	99.4	12.005	.0	1479.0	4910.3	9.1
680.0	675.4	4.525	4.472	34.254	27.143	30.276	27.137	98.4	12.104	.0	1479.2	5029.7	14.7
690.0	685.3	4.528	4.475	34.266	27.152	30.330	27.146	97.7	12.202	.0	1479.4	5150.1	6.8
700.0	695.2	4.509	4.455	34.277	27.163	30.388	27.157	96.7	12.299	.0	1479.5	5271.5	20.9
710.0	705.1	4.492	4.437	34.282	27.169	30.440	27.163	96.2	12.395	.0	1479.6	5393.8	1.8
720.0	715.0	4.482	4.427	34.288	27.175	30.491	27.169	95.8	12.491	.0	1479.7	5517.0	8.6
730.0	724.9	4.445	4.389	34.301	27.190	30.552	27.184	94.4	12.587	.0	1479.7	5641.2	3.3
740.0	734.8	4.389	4.332	34.301	27.195	30.605	27.189	93.9	12.681	.0	1479.6	5766.4	14.4
750.0	744.7	4.359	4.302	34.303	27.200	30.656	27.194	93.5	12.775	.0	1479.7	5892.4	.4
760.0	754.6	4.345	4.287	34.307	27.205	30.706	27.199	93.1	12.868	.0	1479.8	6019.4	10.1
770.0	764.5	4.341	4.282	34.313	27.210	30.758	27.204	92.7	12.961	.0	1480.0	6147.3	9.8
780.0	774.4	4.319	4.260	34.317	27.216	30.809	27.210	92.2	13.054	.0	1480.0	6276.1	7.7
790.0	784.3	4.284	4.224	34.328	27.228	30.868	27.222	91.2	13.145	.0	1480.1	6405.8	13.3
800.0	794.2	4.266	4.206	34.338	27.238	30.924	27.232	90.3	13.236	.0	1480.2	6536.4	2.2
810.0	804.1	4.259	4.198	34.343	27.243	30.975	27.236	89.9	13.326	.0	1480.3	6667.9	9.8
820.0	814.0	4.292	4.229	34.360	27.253	31.029	27.246	89.1	13.415	.0	1480.6	6800.3	8.6
830.0	823.9	4.222	4.159	34.363	27.263	31.087	27.257	88.1	13.504	.0	1480.5	6933.5	6.0
840.0	833.8	4.187	4.124	34.370	27.273	31.142	27.266	87.3	13.592	.0	1480.5	7067.6	6.6
850.0	843.7	4.158	4.094	34.374	27.278	31.195	27.272	86.8	13.679	.0	1480.6	7202.6	4.5
860.0	853.6	4.143	4.078	34.378	27.283	31.246	27.277	86.4	13.765	.0	1480.7	7338.4	7.5
870.0	863.5	4.094	4.028	34.387	27.295	31.304	27.289	85.3	13.851	.0	1480.7	7475.1	5.4
880.0	873.4	4.072	4.006	34.394	27.303	31.358	27.296	84.5	13.936	.0	1480.8	7612.6	6.9
890.0	883.3	4.060	3.993	34.398	27.308	31.409	27.301	84.2	14.021	.0	1480.9	7750.9	6.9
900.0	893.2	4.037	3.969	34.404	27.315	31.462	27.308	83.5	14.104	.0	1480.9	7890.1	7.5
910.0	903.1	4.032	3.964	34.405	27.317	31.510	27.310	83.5	14.188	.0	1481.1	8030.1	5.2
920.0	913.0	4.028	3.959	34.413	27.323	31.562	27.316	83.0	14.271	.0	1481.3	8170.9	6.3
930.0	922.9	4.020	3.950	34.418	27.328	31.612	27.321	82.6	14.354	.0	1481.4	8312.5	7.5
940.0	932.8	3.970	3.899	34.425	27.339	31.670	27.332	81.5	14.436	.0	1481.3	8454.9	2.5
950.0	942.7	3.938	3.867	34.424	27.342	31.719	27.334	81.3	14.517	.0	1481.4	8598.1	2.8
960.0	952.6	3.928	3.856	34.423	27.342	31.765	27.335	81.3	14.599	.0	1481.5	8742.1	7.5
970.0	962.5	3.913	3.841	34.427	27.347	31.816	27.339	81.0	14.680	.0	1481.6	8887.0	4.9
980.0	972.3	3.842	3.769	34.433	27.358	31.875	27.351	79.8	14.760	.0	1481.5	9032.6	3.1
990.0	982.2	3.821	3.748	34.436	27.363	31.926	27.356	79.4	14.840	.0	1481.6	9179.0	22.5

Station 92 Latitude 32° 33.62'N Longitude 127° 44.63'W 05 May 1991 GMT 6:13 Bottom 3360 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.798	3.724	34.441	27.370	31.978	27.362	78.8	14.919	.0	1481.6	9326.1	4.3
1020.0	1011.9	3.788	3.712	34.446	27.375	32.075	27.367	78.5	15.076	.0	1481.9	9622.8	8.4
1040.0	1031.7	3.762	3.685	34.451	27.382	32.174	27.374	78.0	15.233	.0	1482.2	9922.5	.8
1060.0	1051.5	3.709	3.631	34.459	27.394	32.278	27.386	76.9	15.387	.0	1482.3	10225.3	2.3
1080.0	1071.2	3.614	3.535	34.465	27.407	32.385	27.399	75.6	15.540	.0	1482.2	10531.1	6.7
1100.0	1091.0	3.567	3.487	34.475	27.420	32.491	27.413	74.3	15.690	.0	1482.4	10839.8	3.2
1120.0	1110.8	3.538	3.456	34.479	27.426	32.589	27.419	73.9	15.839	.0	1482.6	11151.5	7.3
1140.0	1130.5	3.489	3.406	34.480	27.432	32.687	27.424	73.4	15.986	.0	1482.7	11466.0	1.7
1160.0	1150.3	3.474	3.389	34.483	27.436	32.782	27.428	73.1	16.132	.0	1483.0	11783.4	4.7
1180.0	1170.1	3.398	3.313	34.493	27.452	32.891	27.444	71.6	16.277	.0	1483.0	12103.7	9.7
1200.0	1189.8	3.360	3.274	34.498	27.459	32.991	27.451	71.0	16.419	.0	1483.2	12426.8	7.0
1220.0	1209.6	3.323	3.234	34.504	27.467	33.091	27.459	70.2	16.560	.0	1483.3	12752.6	.6
1240.0	1229.3	3.268	3.178	34.510	27.478	33.194	27.469	69.3	16.700	.0	1483.4	13081.2	1.8
1260.0	1249.1	3.237	3.147	34.513	27.483	33.291	27.475	68.8	16.838	.0	1483.7	13412.4	3.8
1280.0	1268.9	3.200	3.108	34.518	27.490	33.391	27.482	68.2	16.975	.0	1483.8	13746.4	.9
1300.0	1288.6	3.171	3.078	34.522	27.496	33.488	27.487	67.7	17.111	.0	1484.0	14083.0	1.2
1320.0	1308.4	3.128	3.034	34.528	27.505	33.590	27.496	66.9	17.246	.0	1484.2	14422.3	3.6
1340.0	1328.1	3.086	2.991	34.530	27.511	33.688	27.502	66.3	17.379	.0	1484.4	14764.2	1.3
1360.0	1347.8	3.060	2.963	34.532	27.514	33.783	27.506	66.1	17.511	.0	1484.6	15108.6	.4
1380.0	1367.6	3.030	2.932	34.536	27.521	33.882	27.512	65.5	17.643	.0	1484.8	15455.7	6.3
1400.0	1387.3	3.002	2.902	34.540	27.527	33.979	27.517	65.0	17.773	.0	1485.0	15805.3	7.2
1420.0	1407.1	2.975	2.874	34.542	27.531	34.075	27.522	64.6	17.903	.0	1485.2	16157.4	5.7
1440.0	1426.8	2.938	2.836	34.545	27.537	34.173	27.528	64.1	18.032	.0	1485.4	16512.0	8.9
1460.0	1446.6	2.882	2.779	34.549	27.545	34.274	27.536	63.3	18.159	.0	1485.5	16869.2	6.3
1480.0	1466.3	2.857	2.752	34.552	27.550	34.371	27.540	62.9	18.285	.0	1485.7	17228.8	3.4
1500.0	1486.0	2.837	2.731	34.553	27.553	34.465	27.543	62.7	18.411	.0	1486.0	17590.8	1.9
1520.0	1505.8	2.806	2.698	34.555	27.557	34.561	27.548	62.3	18.536	.0	1486.2	17955.3	2.8
1540.0	1525.5	2.769	2.661	34.559	27.564	34.660	27.554	61.7	18.660	.0	1486.4	18322.2	4.0
1560.0	1545.2	2.725	2.616	34.564	27.571	34.760	27.562	60.9	18.782	.0	1486.5	18691.5	8.7
1580.0	1564.9	2.699	2.588	34.565	27.575	34.855	27.565	60.6	18.904	.0	1486.7	19063.2	2.9
1600.0	1584.7	2.658	2.546	34.570	27.582	34.955	27.573	59.9	19.024	.0	1486.9	19437.2	5.8
1620.0	1604.4	2.613	2.500	34.573	27.588	35.054	27.579	59.3	19.143	.0	1487.0	19813.5	-.3
1640.0	1624.1	2.600	2.485	34.574	27.590	35.146	27.580	59.2	19.262	.0	1487.3	20192.2	9.0
1660.0	1643.8	2.555	2.439	34.577	27.597	35.245	27.587	58.5	19.379	.0	1487.5	20573.1	2.6
1680.0	1663.5	2.513	2.396	34.580	27.603	35.344	27.593	57.9	19.496	.0	1487.6	20956.3	4.7
1700.0	1683.2	2.492	2.373	34.582	27.606	35.439	27.596	57.6	19.611	.0	1487.9	21341.8	1.5
1720.0	1702.9	2.460	2.340	34.583	27.610	35.534	27.600	57.2	19.726	.0	1488.1	21729.5	2.9
1740.0	1722.7	2.435	2.314	34.585	27.614	35.630	27.604	56.8	19.840	.0	1488.3	22119.4	2.9
1760.0	1742.4	2.403	2.281	34.589	27.620	35.728	27.610	56.3	19.953	.0	1488.5	22511.5	.0
1780.0	1762.1	2.367	2.243	34.593	27.626	35.825	27.615	55.7	20.065	.0	1488.7	22905.7	1.2
1800.0	1781.8	2.333	2.208	34.593	27.629	35.921	27.619	55.3	20.176	.0	1488.9	23302.2	6.2
1820.0	1801.5	2.302	2.176	34.597	27.635	36.019	27.625	54.7	20.286	.0	1489.1	23700.8	7.4
1840.0	1821.2	2.278	2.151	34.599	27.639	36.114	27.628	54.4	20.395	.0	1489.3	24101.5	2.4
1860.0	1840.9	2.259	2.131	34.601	27.642	36.208	27.632	54.1	20.504	.0	1489.6	24504.3	5.1
1880.0	1860.6	2.233	2.103	34.604	27.646	36.304	27.636	53.7	20.612	.0	1489.8	24909.2	2.4
1900.0	1880.3	2.212	2.080	34.607	27.650	36.399	27.639	53.3	20.719	.0	1490.0	25316.1	3.9
1920.0	1899.9	2.193	2.060	34.608	27.653	36.493	27.642	53.1	20.825	.0	1490.3	25725.2	2.2
1940.0	1919.6	2.173	2.039	34.610	27.656	36.588	27.646	52.8	20.931	.0	1490.5	26136.3	3.1
1960.0	1939.3	2.157	2.021	34.611	27.658	36.681	27.647	52.6	21.037	.0	1490.8	26549.4	-.7
1980.0	1959.0	2.131	1.994	34.613	27.663	36.776	27.652	52.2	21.142	.0	1491.0	26964.6	3.1
2000.0	1978.7	2.111	1.973	34.615	27.665	36.870	27.654	52.0	21.246	.0	1491.3	27381.8	2.2
2050.0	2027.9	2.076	1.934	34.619	27.672	37.104	27.660	51.4	21.504	.0	1492.0	28433.4	1.7
2098.0	2075.1	2.026	1.881	34.624	27.680	37.330	27.668	50.7	21.749	.0	1492.6	29454.7	.0

Station 93 Latitude 32° 40.30'N Longitude 127° 41.23'W 06 May 1991 GMT 8:22 Bottom 4380 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.517	15.517	33.170	24.449	24.449	24.449	347.2	.000	.0	1506.8	.0	.0
10.0	10.0	15.187	15.186	33.157	24.512	24.556	24.512	341.6	.347	.0	1505.9	1.7	233.5
20.0	19.9	15.066	15.063	33.173	24.551	24.639	24.550	338.2	.686	.0	1505.7	6.9	26.8
30.0	29.9	14.873	14.868	33.166	24.587	24.720	24.586	335.0	1.022	.0	1505.2	15.4	55.5
40.0	39.8	14.754	14.748	33.170	24.617	24.794	24.615	332.4	1.356	.0	1505.0	27.2	47.5
50.0	49.8	14.559	14.552	33.190	24.674	24.895	24.672	327.3	1.687	.0	1504.6	42.4	90.8
60.0	59.8	14.372	14.363	33.181	24.707	24.972	24.705	324.4	2.012	.0	1504.1	60.8	9.4
70.0	69.7	14.326	14.316	33.196	24.728	25.038	24.726	322.7	2.336	.0	1504.1	82.5	37.5
80.0	79.7	14.361	14.350	33.231	24.748	25.102	24.746	321.1	2.658	.0	1504.5	107.3	76.2
90.0	89.7	13.568	13.556	33.100	24.811	25.210	24.808	315.2	2.975	.0	1501.9	135.4	105.0
100.0	99.6	12.408	12.395	32.989	24.954	25.400	24.951	301.7	3.282	.0	1498.0	166.5	132.1
110.0	109.6	11.494	11.480	32.975	25.113	25.606	25.110	286.6	3.575	.0	1494.9	200.7	30.6
120.0	119.5	11.331	11.316	33.035	25.190	25.728	25.187	279.5	3.858	.0	1494.6	237.7	89.4
130.0	129.5	10.695	10.679	33.059	25.321	25.906	25.319	267.1	4.132	.0	1492.5	277.5	175.7
140.0	139.4	10.403	10.387	33.217	25.495	26.125	25.492	250.7	4.391	.0	1491.8	319.9	129.4
150.0	149.4	9.812	9.795	33.271	25.636	26.314	25.634	237.3	4.634	.0	1489.9	364.8	35.0
160.0	159.3	9.932	9.913	33.404	25.721	26.442	25.718	229.6	4.867	.0	1490.7	412.0	36.5
170.0	169.3	9.408	9.389	33.438	25.834	26.602	25.831	218.9	5.092	.0	1489.0	461.5	131.0
180.0	179.2	9.368	9.349	33.574	25.946	26.760	25.943	208.5	5.304	.0	1489.2	513.2	145.6
190.0	189.1	9.392	9.371	33.698	26.040	26.898	26.037	199.8	5.508	.0	1489.6	567.0	121.6
200.0	199.1	9.311	9.289	33.802	26.134	27.038	26.131	191.0	5.704	.0	1489.6	622.7	75.4
210.0	209.0	9.236	9.213	33.845	26.180	27.129	26.176	186.8	5.892	.0	1489.5	680.3	64.8
220.0	219.0	9.120	9.096	33.894	26.237	27.232	26.234	181.6	6.075	.0	1489.3	739.8	49.0
230.0	228.9	8.964	8.939	33.948	26.304	27.345	26.300	175.4	6.254	.0	1488.9	801.1	51.9
240.0	238.8	8.842	8.816	33.977	26.347	27.433	26.343	171.5	6.428	.0	1488.7	864.1	74.7
250.0	248.8	8.703	8.676	34.010	26.394	27.527	26.390	167.1	6.598	.0	1488.4	928.8	23.2
260.0	258.7	8.600	8.573	34.036	26.430	27.608	26.426	163.8	6.764	.0	1488.2	995.2	56.5
270.0	268.6	8.470	8.442	34.062	26.471	27.695	26.466	160.1	6.925	.0	1487.9	1063.2	29.3
280.0	278.6	8.349	8.321	34.076	26.500	27.770	26.496	157.5	7.084	.0	1487.6	1132.7	14.3
290.0	288.5	8.237	8.207	34.081	26.522	27.837	26.517	155.6	7.240	.0	1487.4	1203.9	34.8
300.0	298.4	8.027	7.997	34.086	26.557	27.920	26.553	152.2	7.394	.0	1486.7	1276.6	29.2
310.0	308.4	7.912	7.881	34.089	26.576	27.984	26.571	150.6	7.546	.0	1486.4	1350.7	27.4
320.0	318.3	7.787	7.755	34.091	26.596	28.051	26.591	148.8	7.695	.0	1486.1	1426.4	9.3
330.0	328.2	7.556	7.524	34.076	26.618	28.120	26.613	146.7	7.843	.0	1485.4	1503.6	21.2
340.0	338.1	7.423	7.390	34.085	26.644	28.192	26.639	144.3	7.989	.0	1485.0	1582.2	36.1
350.0	348.1	7.242	7.209	34.078	26.664	28.259	26.660	142.4	8.132	.0	1484.5	1662.2	13.6
360.0	358.0	7.099	7.065	34.081	26.686	28.328	26.681	140.4	8.273	.0	1484.1	1743.6	34.9
370.0	367.9	6.993	6.958	34.084	26.703	28.391	26.698	138.8	8.413	.0	1483.8	1826.4	18.8
380.0	377.9	6.933	6.898	34.092	26.718	28.452	26.713	137.6	8.551	.0	1483.8	1910.6	20.3
390.0	387.8	6.789	6.753	34.091	26.736	28.517	26.732	135.8	8.688	.0	1483.4	1996.2	10.6
400.0	397.7	6.724	6.688	34.096	26.749	28.576	26.744	134.7	8.823	.0	1483.3	2083.1	9.4
410.0	407.6	6.693	6.655	34.099	26.756	28.629	26.751	134.2	8.958	.0	1483.3	2171.3	1.8
420.0	417.6	6.630	6.592	34.101	26.766	28.685	26.761	133.4	9.092	.0	1483.3	2260.8	17.9
430.0	427.5	6.497	6.458	34.101	26.784	28.750	26.779	131.7	9.224	.0	1482.9	2351.7	17.3
440.0	437.4	6.336	6.297	34.093	26.799	28.812	26.794	130.3	9.355	.0	1482.4	2443.9	20.5
450.0	447.3	6.054	6.015	34.071	26.817	28.879	26.812	128.4	9.484	.0	1481.4	2537.4	30.4
460.0	457.2	5.908	5.869	34.076	26.840	28.948	26.834	126.2	9.612	.0	1481.0	2632.1	10.7
470.0	467.2	6.024	5.983	34.099	26.843	28.997	26.838	126.1	9.738	.0	1481.6	2728.1	9.6
480.0	477.1	6.029	5.988	34.116	26.855	29.054	26.850	125.1	9.864	.0	1481.9	2825.3	4.9
490.0	487.0	5.706	5.664	34.083	26.870	29.118	26.865	123.5	9.988	.0	1480.7	2923.8	-1.0
500.0	496.9	5.779	5.736	34.107	26.880	29.173	26.875	122.8	10.111	.0	1481.2	3023.4	5.2
510.0	506.8	5.809	5.766	34.135	26.899	29.237	26.893	121.2	10.234	.0	1481.5	3124.3	20.7
520.0	516.8	5.714	5.669	34.138	26.913	29.298	26.908	119.9	10.354	.0	1481.3	3226.4	10.7
530.0	526.7	5.555	5.511	34.127	26.923	29.355	26.918	118.9	10.473	.0	1480.8	3329.7	10.4
540.0	536.6	5.672	5.627	34.153	26.930	29.406	26.924	118.5	10.592	.0	1481.4	3434.1	17.5
550.0	546.5	5.673	5.626	34.160	26.935	29.457	26.930	118.1	10.710	.0	1481.6	3539.8	7.8
560.0	556.4	5.653	5.605	34.166	26.942	29.510	26.937	117.6	10.828	.0	1481.7	3646.5	11.9
570.0	566.3	5.565	5.517	34.175	26.960	29.575	26.955	115.9	10.945	.0	1481.5	3754.5	25.1
580.0	576.3	5.492	5.444	34.188	26.979	29.640	26.973	114.1	11.060	.0	1481.4	3863.6	14.6
590.0	586.2	5.425	5.376	34.194	26.993	29.701	26.987	112.9	11.173	.0	1481.3	3973.8	11.6
600.0	596.1	5.337	5.287	34.201	27.008	29.763	27.002	111.4	11.285	.0	1481.1	4085.1	11.9
610.0	606.0	5.174	5.124	34.189	27.018	29.821	27.013	110.4	11.396	.0	1480.6	4197.5	8.4
620.0	615.9	5.135	5.085	34.201	27.032	29.881	27.026	109.2	11.506	.0	1480.6	4311.0	21.2
630.0	625.8	5.138	5.087	34.224	27.050	29.945	27.044	107.5	11.614	.0	1480.8	4425.5	20.7
640.0	635.7	4.961	4.910	34.220	27.067	30.010	27.062	105.8	11.721	.0	1480.3	4541.2	16.8
650.0	645.6	4.957	4.905	34.239	27.083	30.072	27.077	104.4	11.826	.0	1480.4	4657.8	30.9
660.0	655.5	4.832	4.780	34.230	27.090	30.126	27.084	103.7	11.930	.0	1480.1	4775.6	22.7
670.0	665.5	4.918	4.864	34.262	27.105	30.186	27.099	102.5	12.033	.0	1480.6	4894.3	23.3
680.0	675.4	4.793	4.739	34.258	27.117	30.245	27.111	101.4	12.135	.0	1480.3	5014.0	8.3
690.0	685.3	4.830	4.775	34.267	27.120	30.293	27.114	101.2	12.236	.0	1480.6	5134.7	11.3
700.0	695.2	4.914	4.858	34.298	27.135	30.353	27.129	100.0	12.337	.0	1481.2	5256.5	7.8
710.0	705.1	4.893	4.836	34.302	27.141	30.404	27.134	99.6	12.437	.0	1481.2	5379.2	4.9
720.0	715.0	4.861	4.804	34.308	27.149	30.459	27.143	98.8	12.536	.0	1481.3	5502.9	6.3
730.0	724.9	4.785	4.727	34.316	27.164	30.520	27.158	97.5	12.634	.0	1481.1	5627.5	8.1
740.0	734.8	4.726	4.668	34.319	27.173	30.576	27.167	96.6	12.731	.0	1481.1	5753.1	6.0
750.0	744.7	4.682	4.622	34.325	27.183	30.632	27.177	95.7	12.827	.0	1481.1	5879.7	10.1
760.0	754.6	4.653	4.593	34.334	27.193	30.689	27.187	94.8	12.922	.0	1481.1	6007.2	6.3
770.0	764.5	4.621	4.560	34.337	27.199	30.741	27.193	94.3	13.017	.0	1481.2	6135.6	7.5
780.0	774.4	4.581	4.520	34.345	27.210	30.798	27.203	93.3	13.111	.0	1481.2	6265.0	10.1
790.0	784.3	4.504	4.443	34.345	27.219	30.854	27.212	92.5	13.204	.0	1481.0	6395.3	19.2
800.0	794.2	4.460	4.398	34.355	27.231	30.913	27.225	91.3	13.295	.0	1481.0	6526.5	15.4
810.0	804.1	4.470	4.407	34.370	27.242	30.969	27.235	90.4	13.386	.0	1481.2	6658.6	13.1
820.0	814.0	4.376	4.313	34.376	27.257	31.031	27.250	88.9	13.476	.0	1481.0	6791.5	9.3
830.0	823.9	4.310	4.246	34.374	27.262	31.084	27.256	88.4	13.565	.0	1480.9	6925.4	.2
840.0	833.8	4.221	4.157	34.369	27.268	31.137	27.261	87.8	13.653	.0	1480.7	7060.1	13.3
850.0	843.7	4.191	4.127	34.375	27.276	31.191	27.269	87.1	13.740	.0	1480.7	7195.7	5.4
860.0	853.6	4.168	4.103	34.379	27.282	31.243	27.275	86.6	13.827	.0	1480.8	7332.1	8.4
870.0	863.5	4.138	4.073	34.391	27.294	31.302	27.288	85.4	13.913	.0	1480.9	7469.4	10.7
880.0	873.4	4.101	4.035	34.395	27.302	31.356	27.295	84.8	13.998	.0	1480.9	7607.5	7.8
890.0	883.3	4.084	4.017	34.403	27.309	31.409	27.302	84.1	14.083	.0	1481.0	7746.4	7.5
900.0	893.2	4.054	3.986	34.408	27.316	31.463	27.310	83.5	14.167	.0	1481.0	7886.2	8.4
910.0	903.1	4.043	3.974	34.412	27.321	31.513	27.314	83.1	14.250	.0	1481.1	8026.8	4.0
920.0	913.0	4.018	3.949	34.417	27.328	31.566	27.321	82.5	14.333	.0	1481.2	8168.2	9.6
930.0	922.9	4.002	3.933	34.422	27.333	31.618	27.326	82.0	14.415	.0	1481.3	8310.4	3.4
940.0	932.8	3.974	3.904	34.424	27.337	31.668	27.330	81.7	14.497	.0	1481.4	8453.5	1.7
950.0	942.7	3.943	3.872	34.426	27.343	31.720	27.335	81.2	14.578	.0	1481.4	8597.3	4.0
960.0	952.6	3.889	3.817	34.428	27.350	31.774	27.343	80.5	14.659	.0	1481.3	8741.9	9.6
970.0	962.5	3.866	3.794	34.431	27.355	31.825	27.347	80.1	14.740	.0	1481.4	8887.3	6.1
980.0	972.3	3.871	3.797	34.435	27.358	31.873	27.350	79.9	14.819	.0	1481.6	9033.5	.8
990.0	982.2	3.849	3.775	34.439	27.363	31.924	27.355	79.5	14.899	.0	1481.7	9180.5	2.9

Station 93 Latitude 32° 40.30'N Longitude 127° 41.23'W 06 May 1991 GMT 8:22 Bottom 4380 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.797	3.723	34.439	27.368	31.977	27.361	78.9	14.979	.0	1481.6	9328.2	11.3
1020.0	1011.9	3.770	3.694	34.445	27.376	32.076	27.368	78.3	15.136	.0	1481.9	9626.1	1.4
1040.0	1031.7	3.730	3.654	34.454	27.387	32.180	27.379	77.4	15.292	.0	1482.0	9926.9	3.8
1060.0	1051.4	3.675	3.597	34.461	27.398	32.283	27.390	76.4	15.445	.0	1482.1	10230.9	1.1
1080.0	1071.2	3.642	3.563	34.468	27.407	32.384	27.399	75.6	15.597	.0	1482.3	10537.8	4.7
1100.0	1091.0	3.604	3.523	34.473	27.415	32.484	27.407	75.0	15.748	.0	1482.5	10847.7	5.8
1120.0	1110.8	3.560	3.478	34.479	27.424	32.586	27.416	74.2	15.897	.0	1482.7	11160.5	13.2
1140.0	1130.5	3.491	3.408	34.487	27.437	32.692	27.429	72.9	16.044	.0	1482.7	11476.2	4.4
1160.0	1150.3	3.447	3.363	34.492	27.446	32.793	27.438	72.1	16.189	.0	1482.9	11794.7	7.0
1180.0	1170.1	3.403	3.318	34.499	27.455	32.895	27.447	71.3	16.333	.0	1483.0	12116.1	3.5
1200.0	1189.8	3.358	3.271	34.505	27.465	32.996	27.456	70.4	16.475	.0	1483.2	12440.3	6.5
1220.0	1209.6	3.319	3.231	34.507	27.470	33.094	27.462	70.0	16.615	.0	1483.3	12767.2	3.0
1240.0	1229.3	3.283	3.194	34.511	27.476	33.192	27.468	69.4	16.754	.0	1483.5	13096.8	5.0
1260.0	1249.1	3.251	3.161	34.514	27.483	33.291	27.474	68.9	16.893	.0	1483.7	13429.2	7.7
1280.0	1268.8	3.211	3.119	34.520	27.491	33.391	27.482	68.2	17.030	.0	1483.9	13764.2	5.0
1300.0	1288.6	3.177	3.084	34.522	27.496	33.488	27.487	67.7	17.166	.0	1484.1	14102.0	3.3
1320.0	1308.3	3.146	3.051	34.527	27.503	33.587	27.494	67.2	17.301	.0	1484.3	14442.3	6.5
1340.0	1328.1	3.102	3.006	34.530	27.510	33.686	27.501	66.5	17.435	.0	1484.4	14785.3	9.2
1360.0	1347.8	3.064	2.967	34.534	27.516	33.785	27.507	65.9	17.567	.0	1484.6	15130.8	3.6
1380.0	1367.6	3.022	2.924	34.536	27.522	33.883	27.513	65.4	17.698	.0	1484.8	15479.0	3.3
1400.0	1387.3	2.978	2.878	34.539	27.528	33.982	27.519	64.8	17.828	.0	1484.9	15829.7	2.8
1420.0	1407.1	2.942	2.842	34.541	27.533	34.078	27.524	64.3	17.958	.0	1485.1	16182.9	2.5
1440.0	1426.8	2.907	2.805	34.546	27.540	34.178	27.531	63.7	18.086	.0	1485.3	16538.6	4.5
1460.0	1446.6	2.859	2.756	34.548	27.546	34.276	27.537	63.1	18.212	.0	1485.4	16896.8	5.1
1480.0	1466.3	2.819	2.715	34.550	27.551	34.374	27.542	62.6	18.338	.0	1485.6	17257.4	3.4
1500.0	1486.0	2.798	2.692	34.552	27.555	34.469	27.545	62.3	18.463	.0	1485.8	17620.5	1.9
1520.0	1505.7	2.761	2.654	34.556	27.561	34.568	27.552	61.7	18.587	.0	1486.0	17986.0	4.6
1540.0	1525.5	2.730	2.622	34.560	27.568	34.666	27.558	61.1	18.710	.0	1486.2	18353.9	6.3
1560.0	1545.2	2.707	2.598	34.563	27.572	34.762	27.563	60.8	18.832	.0	1486.4	18724.1	5.2
1580.0	1564.9	2.666	2.555	34.566	27.578	34.860	27.568	60.2	18.953	.0	1486.6	19096.8	3.1
1600.0	1584.6	2.636	2.524	34.569	27.583	34.957	27.573	59.7	19.073	.0	1486.8	19471.7	2.9
1620.0	1604.4	2.610	2.497	34.571	27.587	35.053	27.577	59.4	19.192	.0	1487.0	19849.0	4.3
1640.0	1624.1	2.582	2.467	34.573	27.591	35.148	27.581	59.0	19.310	.0	1487.2	20228.6	3.8
1660.0	1643.8	2.549	2.433	34.575	27.596	35.245	27.586	58.5	19.428	.0	1487.4	20610.5	2.3
1680.0	1663.5	2.518	2.401	34.578	27.601	35.342	27.591	58.1	19.544	.0	1487.6	20994.7	5.0
1700.0	1683.2	2.476	2.358	34.580	27.606	35.439	27.596	57.5	19.660	.0	1487.8	21381.1	6.7
1720.0	1702.9	2.439	2.320	34.582	27.611	35.536	27.601	57.0	19.774	.0	1488.0	21769.7	3.2
1740.0	1722.6	2.414	2.293	34.583	27.614	35.631	27.604	56.7	19.888	.0	1488.2	22160.6	3.8
1760.0	1742.3	2.386	2.264	34.587	27.620	35.728	27.610	56.2	20.001	.0	1488.4	22553.6	.3
1780.0	1762.1	2.356	2.233	34.592	27.626	35.826	27.616	55.6	20.113	.0	1488.6	22948.8	.9
1800.0	1781.8	2.336	2.212	34.593	27.629	35.920	27.618	55.4	20.224	.0	1488.9	23346.2	3.3
1820.0	1801.5	2.307	2.181	34.595	27.633	36.016	27.623	55.0	20.334	.0	1489.1	23745.7	2.7
1840.0	1821.2	2.288	2.160	34.596	27.635	36.110	27.625	54.7	20.444	.0	1489.3	24147.3	1.8
1860.0	1840.8	2.262	2.134	34.598	27.639	36.205	27.628	54.4	20.553	.0	1489.6	24551.1	3.6
1880.0	1860.6	2.236	2.106	34.601	27.644	36.301	27.633	53.9	20.661	.0	1489.8	24957.0	2.2
1900.0	1880.2	2.214	2.083	34.604	27.648	36.397	27.637	53.6	20.769	.0	1490.0	25364.9	1.0
1920.0	1899.9	2.195	2.062	34.605	27.650	36.491	27.640	53.3	20.876	.0	1490.3	25774.9	1.6
1940.0	1919.6	2.175	2.041	34.608	27.654	36.586	27.644	53.0	20.982	.0	1490.5	26187.0	2.8
1960.0	1939.3	2.149	2.014	34.609	27.657	36.680	27.646	52.7	21.087	.0	1490.8	26601.1	-.1
1980.0	1959.0	2.138	2.001	34.611	27.660	36.773	27.649	52.5	21.193	.0	1491.0	27017.3	2.2
2000.0	1978.7	2.117	1.979	34.613	27.663	36.868	27.652	52.2	21.297	.0	1491.3	27435.5	2.2
2050.0	2027.9	2.075	1.933	34.619	27.672	37.103	27.660	51.4	21.556	.0	1492.0	28489.8	.8
2098.0	2075.1	2.018	1.873	34.623	27.680	37.330	27.668	50.6	21.801	.0	1492.5	29513.5	.0

Station 94 Latitude 32° 54.49'N Longitude 127° 34.30'W 06 May 1991 GMT 11:17 Bottom 4470 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.775	15.775	33.327	24.513	24.513	24.513	341.2	.000	.0	1507.8	.0	.0
10.0	10.0	15.391	15.390	33.380	24.639	24.683	24.639	329.4	.340	.0	1506.8	1.7	276.3
20.0	19.9	15.159	15.156	33.350	24.667	24.756	24.667	327.1	.667	.0	1506.2	6.7	8.4
30.0	29.9	15.060	15.055	33.328	24.672	24.805	24.671	326.9	.994	.0	1506.0	15.0	11.0
40.0	39.8	14.658	14.652	33.302	24.738	24.915	24.737	320.9	1.319	.0	1504.9	26.5	27.9
50.0	49.8	14.685	14.678	33.358	24.776	24.997	24.775	317.6	1.638	.0	1505.2	41.2	71.6
60.0	59.8	15.178	15.169	33.543	24.813	25.077	24.811	314.4	1.953	.0	1507.1	59.1	8.7
70.0	69.7	15.235	15.225	33.582	24.831	25.139	24.829	313.0	2.267	.0	1507.5	80.1	14.0
80.0	79.7	15.285	15.273	33.632	24.858	25.211	24.856	310.7	2.579	.0	1507.9	104.3	21.9
90.0	89.6	15.298	15.284	33.655	24.874	25.270	24.871	309.5	2.889	.0	1508.1	131.5	13.7
100.0	99.6	15.352	15.337	33.689	24.888	25.329	24.885	308.5	3.198	.0	1508.5	161.8	12.3
110.0	109.6	14.617	14.601	33.596	24.976	25.462	24.973	300.3	3.504	.0	1506.2	195.2	143.1
120.0	119.5	13.644	13.627	33.590	25.175	25.707	25.172	281.5	3.797	.0	1503.2	231.5	214.1
130.0	129.5	12.342	12.325	33.437	25.314	25.894	25.311	268.2	4.072	.0	1498.8	270.7	190.7
140.0	139.4	11.791	11.773	33.505	25.471	26.097	25.468	253.4	4.332	.0	1497.1	312.5	104.2
150.0	149.4	11.189	11.170	33.506	25.582	26.254	25.579	243.0	4.580	.0	1495.2	356.8	123.1
160.0	159.3	10.656	10.637	33.551	25.712	26.431	25.709	230.7	4.817	.0	1493.5	403.6	87.6
170.0	169.3	10.232	10.212	33.583	25.810	26.576	25.807	221.4	5.043	.0	1492.2	452.6	73.5
180.0	179.2	9.828	9.808	33.572	25.869	26.681	25.866	215.9	5.261	.0	1490.9	503.9	78.9
190.0	189.1	9.221	9.200	33.574	25.970	26.830	25.967	206.3	5.472	.0	1488.8	557.2	138.9
200.0	199.1	9.055	9.033	33.679	26.079	26.984	26.075	196.2	5.672	.0	1488.5	612.6	57.1
210.0	209.0	8.872	8.850	33.737	26.153	27.105	26.150	189.2	5.864	.0	1488.0	669.9	62.7
220.0	218.9	8.885	8.861	33.862	26.250	27.246	26.246	180.3	6.049	.0	1488.4	729.2	29.3
230.0	228.9	8.694	8.670	33.888	26.300	27.342	26.296	175.7	6.227	.0	1487.9	790.1	24.6
240.0	238.8	8.659	8.634	33.940	26.346	27.433	26.342	171.5	6.400	.0	1488.0	852.9	37.5
250.0	248.8	8.604	8.578	33.973	26.381	27.513	26.376	168.4	6.570	.0	1488.0	917.3	43.0
260.0	258.7	8.632	8.605	34.031	26.422	27.600	26.417	164.7	6.736	.0	1488.3	983.4	43.1
270.0	268.6	8.444	8.416	34.034	26.453	27.677	26.449	161.8	6.899	.0	1487.8	1051.1	26.3
280.0	278.6	8.376	8.347	34.047	26.473	27.743	26.469	160.0	7.060	.0	1487.7	1120.5	22.8
290.0	288.5	8.295	8.265	34.059	26.496	27.811	26.491	158.0	7.219	.0	1487.5	1191.4	14.9
300.0	298.4	8.330	8.299	34.082	26.509	27.869	26.504	157.0	7.377	.0	1487.9	1263.8	26.6
310.0	308.4	8.237	8.205	34.085	26.525	27.932	26.521	155.6	7.533	.0	1487.7	1337.9	7.6
320.0	318.3	8.106	8.073	34.089	26.548	28.000	26.543	153.5	7.687	.0	1487.3	1413.5	15.5
330.0	328.2	7.903	7.870	34.086	26.575	28.074	26.570	151.0	7.840	.0	1486.7	1490.5	20.4
340.0	338.1	7.794	7.761	34.090	26.595	28.140	26.590	149.2	7.990	.0	1486.5	1569.1	51.5
350.0	348.1	7.466	7.432	34.059	26.617	28.211	26.612	147.0	8.138	.0	1485.3	1649.2	15.4
360.0	358.0	7.398	7.364	34.070	26.636	28.275	26.631	145.4	8.284	.0	1485.2	1730.7	22.4
370.0	367.9	7.172	7.137	34.050	26.652	28.339	26.647	143.8	8.429	.0	1484.5	1813.7	13.6
380.0	377.9	7.251	7.214	34.077	26.663	28.394	26.657	143.1	8.572	.0	1485.0	1898.0	15.9
390.0	387.8	7.158	7.121	34.094	26.689	28.466	26.684	140.7	8.714	.0	1484.8	1983.8	26.5
400.0	397.7	7.042	7.004	34.100	26.709	28.533	26.704	138.8	8.854	.0	1484.5	2071.0	14.4
410.0	407.6	6.976	6.937	34.109	26.726	28.596	26.721	137.3	8.992	.0	1484.5	2159.6	16.8
420.0	417.5	6.872	6.833	34.111	26.741	28.657	26.736	135.9	9.129	.0	1484.2	2249.5	20.6
430.0	427.5	6.767	6.727	34.111	26.756	28.719	26.750	134.6	9.264	.0	1484.0	2340.8	1.2
440.0	437.4	6.621	6.581	34.112	26.776	28.786	26.771	132.7	9.398	.0	1483.6	2433.3	24.9
450.0	447.3	6.540	6.499	34.111	26.786	28.842	26.781	131.8	9.530	.0	1483.4	2527.2	3.5
460.0	457.2	6.428	6.387	34.116	26.805	28.908	26.800	130.1	9.661	.0	1483.1	2622.4	30.2
470.0	467.2	6.333	6.292	34.121	26.821	28.970	26.815	128.6	9.790	.0	1482.9	2718.9	13.2
480.0	477.1	6.240	6.197	34.117	26.830	29.026	26.824	127.8	9.918	.0	1482.7	2816.7	20.5
490.0	487.0	6.143	6.100	34.132	26.855	29.097	26.849	125.5	10.045	.0	1482.5	2915.7	7.9
500.0	496.9	6.054	6.011	34.138	26.870	29.159	26.864	124.1	10.170	.0	1482.3	3015.9	17.8
510.0	506.8	6.000	5.955	34.146	26.883	29.219	26.878	122.9	10.294	.0	1482.3	3117.4	19.3
520.0	516.8	5.905	5.860	34.152	26.900	29.282	26.895	121.3	10.416	.0	1482.1	3220.1	15.5
530.0	526.7	5.800	5.755	34.153	26.914	29.343	26.908	120.1	10.536	.0	1481.8	3324.0	4.6
540.0	536.6	5.765	5.719	34.167	26.929	29.404	26.924	118.7	10.656	.0	1481.8	3429.1	11.6
550.0	546.5	5.752	5.705	34.175	26.938	29.458	26.932	118.0	10.774	.0	1482.0	3535.3	10.8
560.0	556.4	5.686	5.638	34.179	26.949	29.516	26.943	117.0	10.891	.0	1481.9	3642.7	7.0
570.0	566.3	5.650	5.601	34.188	26.960	29.574	26.954	116.0	11.008	.0	1481.9	3751.3	9.9
580.0	576.3	5.566	5.517	34.197	26.978	29.638	26.972	114.3	11.123	.0	1481.7	3861.0	17.8
590.0	586.2	5.505	5.455	34.208	26.994	29.700	26.988	112.9	11.237	.0	1481.7	3971.8	5.8
600.0	596.1	5.446	5.396	34.216	27.007	29.760	27.001	111.7	11.349	.0	1481.6	4083.8	11.9
610.0	606.0	5.399	5.348	34.227	27.021	29.821	27.015	110.4	11.460	.0	1481.6	4196.8	10.8
620.0	615.9	5.339	5.287	34.234	27.035	29.880	27.028	109.2	11.570	.0	1481.5	4310.9	14.9
630.0	625.8	5.260	5.208	34.245	27.052	29.945	27.046	107.5	11.678	.0	1481.4	4426.1	9.3
640.0	635.7	5.203	5.150	34.251	27.064	30.003	27.058	106.5	11.785	.0	1481.3	4542.4	3.7
650.0	645.6	5.152	5.099	34.260	27.077	30.062	27.071	105.3	11.891	.0	1481.3	4659.7	14.0
660.0	655.5	5.076	5.023	34.267	27.091	30.124	27.085	103.9	11.996	.0	1481.1	4778.1	11.0
670.0	665.4	5.041	4.987	34.268	27.096	30.175	27.090	103.5	12.099	.0	1481.2	4897.4	3.4
680.0	675.3	5.012	4.957	34.274	27.105	30.229	27.098	102.8	12.203	.0	1481.2	5017.8	11.3
690.0	685.3	4.967	4.911	34.279	27.114	30.285	27.108	102.0	12.305	.0	1481.2	5139.2	6.9
700.0	695.2	4.950	4.893	34.292	27.126	30.343	27.120	100.9	12.406	.0	1481.3	5261.6	6.1
710.0	705.1	4.896	4.839	34.297	27.137	30.400	27.130	100.0	12.507	.0	1481.3	5385.0	12.2
720.0	715.0	4.845	4.787	34.299	27.144	30.454	27.138	99.3	12.607	.0	1481.2	5509.4	11.6
730.0	724.9	4.804	4.746	34.305	27.153	30.509	27.147	98.5	12.706	.0	1481.2	5634.8	11.9
740.0	734.8	4.806	4.747	34.316	27.162	30.563	27.155	97.8	12.804	.0	1481.4	5761.1	4.0
750.0	744.7	4.710	4.651	34.313	27.170	30.619	27.163	97.0	12.901	.0	1481.2	5888.4	9.0
760.0	754.6	4.714	4.654	34.329	27.183	30.677	27.176	95.9	12.998	.0	1481.4	6016.7	10.7
770.0	764.5	4.657	4.596	34.335	27.194	30.735	27.187	94.9	13.093	.0	1481.3	6145.8	12.5
780.0	774.4	4.550	4.489	34.329	27.201	30.790	27.194	94.1	13.188	.0	1481.0	6276.0	12.8
790.0	784.3	4.424	4.363	34.325	27.211	30.848	27.205	93.0	13.281	.0	1480.6	6407.0	13.9
800.0	794.2	4.481	4.419	34.342	27.219	30.900	27.212	92.5	13.374	.0	1481.1	6539.0	9.3
810.0	804.1	4.447	4.384	34.351	27.229	30.957	27.222	91.5	13.466	.0	1481.1	6671.8	5.7
820.0	814.0	4.429	4.366	34.356	27.235	31.009	27.228	91.1	13.557	.0	1481.2	6805.6	7.8
830.0	823.9	4.401	4.337	34.363	27.244	31.064	27.237	90.3	13.648	.0	1481.3	6940.3	8.1
840.0	833.8	4.394	4.329	34.364	27.246	31.111	27.239	90.2	13.738	.0	1481.4	7075.8	5.2
850.0	843.7	4.368	4.302	34.365	27.250	31.161	27.242	89.9	13.828	.0	1481.5	7212.2	1.7
860.0	853.6	4.340	4.274	34.369	27.256	31.214	27.249	89.4	13.918	.0	1481.5	7349.6	7.5
870.0	863.5	4.269	4.202	34.373	27.267	31.271	27.260	88.3	14.007	.0	1481.4	7487.8	1.1
880.0	873.4	4.148	4.081	34.367	27.274	31.328	27.268	87.4	14.095	.0	1481.0	7626.8	10.1
890.0	883.3	4.081	4.014	34.368	27.282	31.382	27.275	86.7	14.182	.0	1480.9	7766.7	4.9
900.0	893.2	4.011	3.944	34.365	27.287	31.435	27.280	86.1	14.268	.0	1480.8	7907.5	12.2
910.0	903.1	3.974	3.906	34.368	27.293	31.487	27.286	85.6	14.354	.0	1480.8	8049.1	3.7
920.0	913.0	3.950	3.881	34.372	27.299	31.539	27.292	85.1	14.439	.0	1480.9	8191.6	3.1
930.0	922.9	3.936	3.866	34.374	27.302	31.588	27.295	84.8	14.524	.0	1481.0	8334.9	4.3
940.0	932.8	3.999	3.928	34.393	27.311	31.641	27.303	84.2	14.609	.0	1481.4	8479.0	9.3
950.0	942.7	4.000	3.929	34.405	27.320	31.696	27.313	83.5	14.693	.0	1481.6	8623.9	10.2
960.0	952.5	3.973	3.901	34.411	27.328	31.750	27.320	82.8	14.776	.0	1481.7	8769.7	3.4
970.0	962.4	3.940	3.867	34.416	27.335	31.804	27.328	82.1	14.858	.0	1481.7	8916.3	5.2
980.0	972.3	3.921	3.848	34.420	27.340	31.854	27.333	81.7	14.940	.0	1481.8	9063.6	1.1
990.0	982.2	3.898	3.825	34.423	27.345	31.906	27.338	81.3	15.022	.0	1481.9	9211.8	5.8

Station 94 Latitude 32° 54.49'N Longitude 127° 34.30'W 06 May 1991 GMT 11:17 Bottom 4470 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.1	3.874	3.799	34.425	27.350	31.956	27.342	80.9	15.103	.0	1481.9	9360.8	1.4
1020.0	1011.9	3.819	3.743	34.434	27.362	32.061	27.354	79.8	15.263	.0	1482.0	9661.1	5.5
1040.0	1031.7	3.751	3.674	34.438	27.372	32.164	27.364	78.8	15.422	.0	1482.1	9964.5	6.7
1060.0	1051.4	3.698	3.620	34.445	27.383	32.268	27.376	77.8	15.579	.0	1482.2	10271.1	9.0
1080.0	1071.2	3.660	3.580	34.452	27.393	32.370	27.385	77.0	15.733	.0	1482.4	10580.6	.8
1100.0	1091.0	3.586	3.505	34.463	27.409	32.479	27.401	75.5	15.886	.0	1482.4	10893.2	11.7
1120.0	1110.8	3.523	3.441	34.473	27.423	32.585	27.415	74.2	16.036	.0	1482.5	11208.8	1.4
1140.0	1130.5	3.476	3.393	34.476	27.430	32.686	27.422	73.5	16.184	.0	1482.6	11527.2	2.0
1160.0	1150.3	3.432	3.348	34.483	27.440	32.788	27.432	72.6	16.330	.0	1482.8	11848.5	6.7
1180.0	1170.1	3.415	3.329	34.494	27.450	32.889	27.442	71.8	16.474	.0	1483.1	12172.7	5.9
1200.0	1189.8	3.374	3.287	34.501	27.460	32.991	27.452	70.9	16.617	.0	1483.2	12499.6	5.0
1220.0	1209.6	3.335	3.246	34.504	27.466	33.089	27.458	70.4	16.758	.0	1483.4	12829.4	1.8
1240.0	1229.3	3.272	3.182	34.508	27.476	33.192	27.467	69.4	16.898	.0	1483.5	13161.8	3.5
1260.0	1249.1	3.219	3.128	34.510	27.482	33.291	27.473	68.9	17.036	.0	1483.6	13497.0	7.1
1280.0	1268.8	3.175	3.084	34.511	27.487	33.389	27.479	68.4	17.173	.0	1483.7	13834.9	6.2
1300.0	1288.6	3.131	3.038	34.513	27.493	33.487	27.485	67.8	17.309	.0	1483.9	14175.4	3.0
1320.0	1308.3	3.074	2.980	34.518	27.502	33.589	27.493	67.0	17.444	.0	1484.0	14518.6	2.7
1340.0	1328.1	3.047	2.951	34.524	27.510	33.688	27.501	66.3	17.577	.0	1484.2	14864.4	8.3
1360.0	1347.8	3.012	2.916	34.528	27.516	33.786	27.507	65.8	17.709	.0	1484.4	15212.8	6.2
1380.0	1367.6	2.976	2.878	34.532	27.523	33.886	27.514	65.1	17.840	.0	1484.6	15563.7	1.6
1400.0	1387.3	2.938	2.839	34.538	27.531	33.986	27.522	64.4	17.970	.0	1484.7	15917.2	.4
1420.0	1407.1	2.912	2.812	34.540	27.535	34.082	27.526	64.1	18.098	.0	1485.0	16273.1	.7
1440.0	1426.8	2.882	2.781	34.542	27.540	34.178	27.530	63.7	18.226	.0	1485.2	16631.6	1.6
1460.0	1446.5	2.849	2.746	34.545	27.545	34.275	27.535	63.2	18.353	.0	1485.4	16992.6	2.2
1480.0	1466.3	2.820	2.716	34.549	27.550	34.373	27.541	62.7	18.479	.0	1485.6	17356.0	2.5
1500.0	1486.0	2.798	2.693	34.554	27.556	34.470	27.547	62.2	18.603	.0	1485.8	17721.8	.5
1520.0	1505.7	2.764	2.657	34.556	27.562	34.568	27.552	61.7	18.727	.0	1486.0	18090.1	1.6
1540.0	1525.4	2.716	2.608	34.560	27.569	34.667	27.559	61.0	18.850	.0	1486.1	18460.7	7.2
1560.0	1545.2	2.671	2.562	34.563	27.575	34.766	27.566	60.3	18.971	.0	1486.3	18833.7	3.7
1580.0	1564.9	2.643	2.533	34.567	27.581	34.864	27.571	59.8	19.091	.0	1486.5	19209.1	5.5
1600.0	1584.6	2.609	2.497	34.569	27.586	34.961	27.576	59.3	19.210	.0	1486.7	19586.8	3.7
1620.0	1604.3	2.582	2.469	34.573	27.591	35.058	27.582	58.9	19.329	.0	1486.9	19966.8	.8
1640.0	1624.1	2.558	2.444	34.575	27.595	35.153	27.585	58.5	19.446	.0	1487.1	20349.1	.5
1660.0	1643.8	2.535	2.420	34.578	27.599	35.249	27.589	58.2	19.563	.0	1487.4	20733.6	3.8
1680.0	1663.5	2.520	2.403	34.580	27.602	35.343	27.592	58.0	19.679	.0	1487.6	21120.4	.3
1700.0	1683.2	2.475	2.357	34.583	27.608	35.442	27.598	57.3	19.794	.0	1487.8	21509.5	7.3
1720.0	1702.9	2.435	2.315	34.585	27.614	35.539	27.604	56.7	19.908	.0	1488.0	21900.7	4.1
1740.0	1722.6	2.411	2.290	34.587	27.617	35.634	27.607	56.4	20.021	.0	1488.2	22294.2	.3
1760.0	1742.3	2.391	2.268	34.588	27.620	35.728	27.610	56.2	20.134	.0	1488.4	22689.9	.6
1780.0	1762.0	2.365	2.241	34.590	27.624	35.824	27.614	55.8	20.246	.0	1488.7	23087.7	3.0
1800.0	1781.7	2.332	2.208	34.591	27.628	35.919	27.617	55.5	20.358	.0	1488.9	23487.7	.3
1820.0	1801.4	2.314	2.188	34.592	27.630	36.013	27.619	55.3	20.468	.0	1489.1	23889.8	1.8
1840.0	1821.1	2.277	2.150	34.595	27.635	36.110	27.625	54.7	20.578	.0	1489.3	24294.1	3.6
1860.0	1840.8	2.248	2.119	34.598	27.640	36.207	27.630	54.2	20.687	.0	1489.5	24700.5	1.0
1880.0	1860.5	2.228	2.098	34.601	27.644	36.302	27.634	53.9	20.795	.0	1489.7	25109.0	2.2
1900.0	1880.2	2.201	2.070	34.602	27.648	36.397	27.637	53.5	20.903	.0	1490.0	25519.6	2.2
1920.0	1899.9	2.178	2.046	34.605	27.652	36.493	27.641	53.1	21.009	.0	1490.2	25932.3	.1
1940.0	1919.6	2.159	2.025	34.608	27.656	36.588	27.645	52.8	21.115	.0	1490.5	26347.0	4.0
1960.0	1939.3	2.136	2.001	34.611	27.660	36.683	27.649	52.4	21.220	.0	1490.7	26763.7	2.8
1980.0	1959.0	2.121	1.984	34.613	27.663	36.777	27.652	52.1	21.325	.0	1491.0	27182.5	1.1
2000.0	1978.7	2.108	1.969	34.616	27.666	36.871	27.655	51.9	21.429	.0	1491.3	27603.2	2.8
2050.0	2027.9	2.066	1.924	34.620	27.674	37.106	27.663	51.2	21.687	.0	1491.9	28663.9	1.7
2100.0	2077.1	2.024	1.878	34.626	27.682	37.341	27.670	50.5	21.941	.0	1492.6	29736.9	.0
2100.0	2077.1	2.024	1.878	34.626	27.682	37.341	27.670	50.5	21.941	.0	1492.6	29736.9	.0

Station 95 Latitude 32° 47.31'N Longitude 127° 16.18'W 06 May 1991 GMT 14:23 Bottom 4310 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.686	15.686	33.254	24.476	24.476	24.476	344.7	.000	.0	1507.4	.0	.0
10.0	10.0	15.618	15.617	33.253	24.491	24.535	24.491	343.6	.345	.0	1507.4	1.7	122.9
20.0	19.9	15.182	15.179	33.252	24.586	24.675	24.586	334.8	.682	.0	1506.2	6.8	18.9
30.0	29.9	15.141	15.137	33.257	24.600	24.732	24.599	333.8	1.016	.0	1506.2	15.3	11.3
40.0	39.8	15.074	15.068	33.249	24.608	24.785	24.607	333.3	1.349	.0	1506.1	27.1	14.8
50.0	49.8	14.662	14.655	33.223	24.677	24.898	24.676	327.0	1.680	.0	1504.9	42.2	53.4
60.0	59.8	14.801	14.792	33.305	24.711	24.976	24.709	324.0	2.006	.0	1505.6	60.5	55.8
70.0	69.7	14.680	14.670	33.347	24.769	25.079	24.767	318.8	2.328	.0	1505.5	82.1	11.8
80.0	79.7	14.639	14.627	33.370	24.797	25.150	24.794	316.5	2.645	.0	1505.5	106.9	61.6
90.0	89.7	14.999	14.986	33.536	24.847	25.244	24.845	312.0	2.959	.0	1507.1	134.8	43.8
100.0	99.6	14.760	14.745	33.544	24.906	25.347	24.903	306.7	3.269	.0	1506.5	165.8	90.1
110.0	109.6	13.655	13.640	33.391	25.019	25.507	25.016	296.0	3.571	.0	1502.8	199.8	195.0
120.0	119.5	12.480	12.464	33.337	25.210	25.745	25.206	277.9	3.859	.0	1499.0	236.8	104.6
130.0	129.5	11.997	11.981	33.310	25.281	25.862	25.278	271.3	4.134	.0	1497.4	276.6	19.0
140.0	139.4	10.512	10.496	33.140	25.416	26.046	25.413	258.3	4.400	.0	1492.1	319.1	88.7
150.0	149.4	10.189	10.171	33.225	25.538	26.214	25.535	246.8	4.653	.0	1491.2	364.1	158.0
160.0	159.3	10.138	10.120	33.342	25.638	26.359	25.635	237.5	4.895	.0	1491.4	411.6	44.4
170.0	169.3	9.549	9.531	33.340	25.733	26.502	25.730	228.4	5.129	.0	1489.4	461.5	135.4
180.0	179.2	9.343	9.323	33.458	25.860	26.674	25.857	216.6	5.351	.0	1488.9	513.6	22.3
190.0	189.1	9.247	9.226	33.494	25.903	26.763	25.900	212.6	5.566	.0	1488.8	567.9	115.4
200.0	199.1	9.145	9.123	33.577	25.985	26.890	25.981	205.1	5.775	.0	1488.7	624.2	79.1
210.0	209.0	9.082	9.059	33.642	26.046	26.996	26.042	199.5	5.977	.0	1488.7	682.7	81.5
220.0	219.0	8.921	8.898	33.744	26.151	27.147	26.147	189.7	6.172	.0	1488.4	743.0	132.1
230.0	228.9	8.892	8.868	33.850	26.239	27.280	26.235	181.5	6.358	.0	1488.6	805.3	34.0
240.0	238.8	8.821	8.796	33.882	26.275	27.362	26.271	178.2	6.538	.0	1488.5	869.4	64.2
250.0	248.8	8.832	8.806	33.925	26.308	27.439	26.303	175.4	6.714	.0	1488.8	935.2	63.3
260.0	258.7	8.688	8.661	33.950	26.350	27.527	26.345	171.5	6.887	.0	1488.4	1002.8	24.3
270.0	268.6	8.528	8.500	33.981	26.398	27.622	26.394	167.0	7.056	.0	1488.0	1072.0	58.0
280.0	278.6	8.279	8.250	34.016	26.464	27.735	26.460	160.8	7.220	.0	1487.3	1143.0	64.7
290.0	288.5	8.168	8.139	34.038	26.498	27.815	26.494	157.7	7.378	.0	1487.0	1215.4	19.3
300.0	298.4	8.089	8.059	34.050	26.520	27.882	26.515	155.8	7.535	.0	1486.9	1289.5	13.7
310.0	308.4	7.985	7.954	34.071	26.552	27.960	26.547	152.9	7.690	.0	1486.7	1365.1	36.2
320.0	318.3	7.853	7.821	34.074	26.573	28.027	26.568	151.0	7.842	.0	1486.4	1442.2	8.7
330.0	328.2	7.709	7.677	34.076	26.595	28.096	26.591	148.9	7.992	.0	1486.0	1520.8	23.6
340.0	338.2	7.560	7.527	34.076	26.617	28.165	26.613	146.9	8.141	.0	1485.6	1600.9	42.0
350.0	348.1	7.437	7.403	34.079	26.637	28.231	26.632	145.1	8.287	.0	1485.2	1682.5	15.7
360.0	358.0	7.319	7.285	34.081	26.656	28.296	26.651	143.4	8.431	.0	1485.0	1765.5	8.0
370.0	368.0	7.239	7.204	34.086	26.671	28.357	26.666	142.1	8.574	.0	1484.8	1849.9	6.6
380.0	377.9	7.094	7.058	34.083	26.689	28.422	26.684	140.4	8.716	.0	1484.4	1935.7	37.6
390.0	387.8	6.996	6.959	34.089	26.707	28.486	26.702	138.8	8.856	.0	1484.2	2022.9	33.5
400.0	397.7	6.812	6.775	34.089	26.732	28.558	26.727	136.5	8.993	.0	1483.6	2111.5	9.4
410.0	407.6	6.769	6.732	34.100	26.746	28.618	26.741	135.2	9.129	.0	1483.6	2201.4	17.3
420.0	417.6	6.679	6.641	34.108	26.765	28.683	26.760	133.5	9.264	.0	1483.5	2292.6	10.6
430.0	427.5	6.593	6.554	34.108	26.776	28.741	26.771	132.5	9.397	.0	1483.3	2385.2	11.1
440.0	437.4	6.470	6.430	34.115	26.799	28.810	26.793	130.4	9.529	.0	1483.0	2479.1	22.8
450.0	447.3	6.461	6.421	34.114	26.799	28.856	26.794	130.5	9.659	.0	1483.1	2574.3	8.8
460.0	457.3	6.285	6.244	34.119	26.825	28.930	26.820	128.0	9.788	.0	1482.6	2670.8	20.5
470.0	467.2	6.211	6.169	34.128	26.842	28.993	26.837	126.5	9.916	.0	1482.4	2768.5	25.4
480.0	477.1	6.104	6.062	34.127	26.855	29.053	26.850	125.2	10.041	.0	1482.2	2867.5	8.4
490.0	487.0	5.998	5.956	34.131	26.872	29.117	26.867	123.7	10.166	.0	1481.9	2967.7	11.4
500.0	496.9	5.944	5.901	34.142	26.887	29.178	26.882	122.3	10.289	.0	1481.9	3069.2	14.3
510.0	506.9	5.903	5.859	34.149	26.898	29.235	26.893	121.4	10.411	.0	1481.9	3171.8	10.2
520.0	516.8	5.836	5.791	34.163	26.918	29.301	26.912	119.6	10.531	.0	1481.8	3275.7	12.2
530.0	526.7	5.794	5.748	34.171	26.929	29.358	26.924	118.6	10.650	.0	1481.8	3380.7	3.4
540.0	536.6	5.733	5.687	34.176	26.941	29.416	26.935	117.6	10.768	.0	1481.7	3486.9	11.9
550.0	546.5	5.636	5.589	34.187	26.961	29.483	26.955	115.7	10.885	.0	1481.5	3594.2	20.7
560.0	556.4	5.584	5.537	34.192	26.971	29.540	26.966	114.8	11.000	.0	1481.5	3702.7	10.5
570.0	566.3	5.530	5.482	34.199	26.983	29.598	26.978	113.7	11.114	.0	1481.4	3812.4	10.5
580.0	576.3	5.369	5.321	34.192	26.997	29.660	26.992	112.3	11.227	.0	1480.9	3923.1	17.7
590.0	586.2	5.239	5.190	34.187	27.008	29.719	27.003	111.1	11.339	.0	1480.5	4034.9	6.9
600.0	596.1	5.204	5.155	34.191	27.016	29.773	27.011	110.5	11.450	.0	1480.6	4147.9	17.4
610.0	606.0	5.141	5.092	34.204	27.033	29.837	27.028	108.9	11.559	.0	1480.5	4261.9	16.0
620.0	615.9	5.093	5.043	34.210	27.044	29.893	27.038	108.0	11.667	.0	1480.5	4377.0	1.9
630.0	625.8	5.029	4.978	34.215	27.055	29.951	27.049	106.9	11.775	.0	1480.4	4493.2	3.9
640.0	635.7	5.009	4.958	34.232	27.072	30.014	27.066	105.5	11.881	.0	1480.5	4610.4	10.7
650.0	645.6	4.995	4.942	34.243	27.081	30.069	27.076	104.6	11.986	.0	1480.6	4728.7	9.8
660.0	655.5	4.977	4.924	34.251	27.090	30.124	27.084	103.9	12.091	.0	1480.7	4848.0	4.6
670.0	665.5	4.938	4.884	34.264	27.105	30.185	27.099	102.5	12.194	.0	1480.7	4968.3	14.5
680.0	675.4	4.904	4.849	34.274	27.117	30.243	27.111	101.5	12.296	.0	1480.8	5089.6	9.8
690.0	685.3	4.865	4.810	34.275	27.122	30.295	27.116	101.1	12.397	.0	1480.8	5211.9	4.3
700.0	695.2	4.773	4.718	34.277	27.134	30.353	27.127	99.9	12.498	.0	1480.6	5335.2	13.6
710.0	705.1	4.741	4.685	34.277	27.138	30.404	27.131	99.6	12.597	.0	1480.6	5459.5	11.9
720.0	715.0	4.671	4.615	34.288	27.154	30.467	27.148	98.0	12.696	.0	1480.5	5584.8	13.3
730.0	724.9	4.635	4.577	34.301	27.169	30.528	27.162	96.8	12.794	.0	1480.5	5711.1	10.1
740.0	734.8	4.598	4.540	34.312	27.181	30.587	27.175	95.6	12.890	.0	1480.5	5838.3	5.4
750.0	744.7	4.595	4.536	34.315	27.184	30.635	27.177	95.5	12.986	.0	1480.7	5966.4	1.9
760.0	754.6	4.567	4.507	34.322	27.193	30.690	27.186	94.7	13.081	.0	1480.7	6095.5	4.3
770.0	764.5	4.536	4.476	34.331	27.204	30.747	27.197	93.7	13.175	.0	1480.8	6225.5	10.7
780.0	774.4	4.536	4.476	34.335	27.207	30.796	27.200	93.5	13.269	.0	1481.0	6356.4	4.3
790.0	784.3	4.514	4.452	34.345	27.217	30.852	27.210	92.6	13.362	.0	1481.0	6488.2	6.0
800.0	794.2	4.492	4.430	34.352	27.226	30.907	27.219	91.9	13.454	.0	1481.1	6621.0	16.9
810.0	804.1	4.456	4.394	34.362	27.237	30.964	27.230	90.9	13.545	.0	1481.2	6754.6	4.0
820.0	814.0	4.433	4.370	34.364	27.242	31.015	27.235	90.5	13.636	.0	1481.2	6889.2	12.5
830.0	823.9	4.409	4.345	34.367	27.247	31.066	27.240	90.1	13.726	.0	1481.3	7024.6	5.8
840.0	833.8	4.339	4.275	34.374	27.259	31.126	27.252	88.9	13.816	.0	1481.2	7161.0	3.7
850.0	843.7	4.319	4.253	34.374	27.262	31.175	27.255	88.7	13.904	.0	1481.3	7298.1	4.9
860.0	853.6	4.261	4.196	34.377	27.270	31.229	27.263	87.9	13.993	.0	1481.2	7436.2	10.7
870.0	863.5	4.209	4.143	34.385	27.282	31.288	27.275	86.8	14.080	.0	1481.1	7575.1	1.1
880.0	873.4	4.187	4.120	34.387	27.286	31.338	27.279	86.4	14.166	.0	1481.2	7714.9	12.2
890.0	883.3	4.148	4.081	34.388	27.291	31.390	27.284	86.0	14.252	.0	1481.2	7855.5	4.9
900.0	893.2	4.120	4.052	34.393	27.298	31.443	27.291	85.3	14.338	.0	1481.3	7997.0	11.6
910.0	903.1	4.036	3.967	34.391	27.305	31.498	27.298	84.6	14.423	.0	1481.1	8139.3	11.3
920.0	913.0	3.999	3.930	34.393	27.310	31.550	27.303	84.1	14.507	.0	1481.1	8282.4	4.9
930.0	922.9	3.988	3.918	34.401	27.318	31.603	27.311	83.4	14.591	.0	1481.2	8426.4	-1.0
940.0	932.8	3.985	3.915	34.409	27.325	31.656	27.318	82.9	14.675	.0	1481.4	8571.2	15.4
950.0	942.7	3.960	3.889	34.418	27.334	31.711	27.327	82.0	14.757	.0	1481.5	8716.7	6.4
960.0	952.6	3.944	3.872	34.419	27.337	31.760	27.330	81.8	14.839	.0	1481.6	8863.1	7.8
970.0	962.5	3.924	3.852	34.423	27.343	31.811	27.335	81.4	14.920	.0	1481.7	9010.3	6.7
980.0	972.3	3.899	3.826	34.429	27.350	31.865	27.342	80.7	15.001	.0	1481.7	9158.3	7.0
990.0	982.2	3.882	3.808	34.433	27.355	31.916	27.348	80.3	15.082	.0	1481.8	9307.1	4.6

Station 95 Latitude 32° 47.31'N Longitude 127° 16.18'W 06 May 1991 GMT 14:23 Bottom 4310 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.863	3.789	34.436	27.359	31.966	27.351	80.0	15.162	.0	1481.9	9456.7	2.6
1020.0	1011.9	3.780	3.704	34.445	27.375	32.075	27.367	78.4	15.321	.0	1481.9	9758.1	4.3
1040.0	1031.7	3.752	3.675	34.447	27.379	32.172	27.372	78.1	15.478	.0	1482.1	10062.7	7.3
1060.0	1051.5	3.713	3.635	34.459	27.393	32.277	27.385	76.9	15.633	.0	1482.3	10370.3	7.3
1080.0	1071.2	3.650	3.571	34.470	27.408	32.385	27.400	75.6	15.785	.0	1482.4	10680.9	7.3
1100.0	1091.0	3.577	3.496	34.472	27.417	32.487	27.409	74.7	15.935	.0	1482.4	10994.5	5.2
1120.0	1110.8	3.576	3.494	34.484	27.427	32.588	27.419	74.0	16.084	.0	1482.7	11311.0	5.0
1140.0	1130.5	3.510	3.427	34.490	27.438	32.692	27.430	72.9	16.230	.0	1482.8	11630.4	5.6
1160.0	1150.3	3.427	3.343	34.493	27.449	32.796	27.441	71.8	16.375	.0	1482.8	11952.6	.9
1180.0	1170.1	3.394	3.309	34.500	27.457	32.897	27.449	71.1	16.518	.0	1483.0	12277.6	2.1
1200.0	1189.8	3.320	3.234	34.500	27.464	32.997	27.456	70.3	16.660	.0	1483.0	12605.5	2.3
1220.0	1209.6	3.271	3.183	34.504	27.472	33.098	27.464	69.6	16.800	.0	1483.1	12936.0	2.1
1240.0	1229.3	3.222	3.133	34.508	27.480	33.198	27.472	68.9	16.938	.0	1483.3	13269.3	2.7
1260.0	1249.1	3.174	3.085	34.513	27.489	33.300	27.481	68.1	17.076	.0	1483.4	13605.3	10.0
1280.0	1268.9	3.109	3.018	34.513	27.494	33.398	27.486	67.5	17.211	.0	1483.4	13943.9	5.3
1300.0	1288.6	3.060	2.968	34.517	27.503	33.499	27.494	66.7	17.345	.0	1483.6	14285.2	6.5
1320.0	1308.4	3.014	2.921	34.522	27.511	33.600	27.502	65.9	17.478	.0	1483.7	14629.1	2.7
1340.0	1328.1	2.981	2.887	34.530	27.520	33.701	27.512	65.1	17.609	.0	1483.9	14975.5	6.8
1360.0	1347.8	2.947	2.852	34.532	27.525	33.798	27.517	64.7	17.739	.0	1484.1	15324.5	-.8
1380.0	1367.6	2.912	2.815	34.537	27.532	33.897	27.523	64.1	17.867	.0	1484.3	15676.0	3.0
1400.0	1387.3	2.870	2.772	34.541	27.539	33.996	27.530	63.4	17.995	.0	1484.4	16029.9	4.8
1420.0	1407.1	2.845	2.745	34.543	27.544	34.093	27.535	63.0	18.121	.0	1484.7	16386.4	2.2
1440.0	1426.8	2.816	2.715	34.549	27.551	34.191	27.542	62.4	18.247	.0	1484.9	16745.3	.7
1460.0	1446.6	2.780	2.677	34.552	27.556	34.289	27.547	61.9	18.371	.0	1485.1	17106.6	2.8
1480.0	1466.3	2.737	2.634	34.556	27.563	34.389	27.554	61.2	18.494	.0	1485.2	17470.3	2.8
1500.0	1486.0	2.701	2.596	34.558	27.568	34.486	27.559	60.7	18.616	.0	1485.4	17836.5	1.6
1520.0	1505.7	2.669	2.563	34.561	27.573	34.583	27.564	60.3	18.737	.0	1485.6	18204.9	5.4
1540.0	1525.5	2.642	2.535	34.563	27.577	34.679	27.568	59.9	18.857	.0	1485.8	18575.7	.8
1560.0	1545.2	2.612	2.503	34.566	27.582	34.776	27.573	59.4	18.976	.0	1486.0	18948.9	1.6
1580.0	1564.9	2.571	2.461	34.568	27.588	34.874	27.578	58.9	19.094	.0	1486.2	19324.3	2.8
1600.0	1584.6	2.544	2.433	34.573	27.594	34.972	27.585	58.3	19.212	.0	1486.4	19702.1	5.5
1620.0	1604.4	2.527	2.415	34.575	27.597	35.066	27.588	58.1	19.328	.0	1486.7	20082.1	3.1
1640.0	1624.1	2.498	2.385	34.577	27.602	35.162	27.592	57.7	19.444	.0	1486.9	20464.3	6.4
1660.0	1643.8	2.477	2.362	34.579	27.605	35.257	27.595	57.4	19.559	.0	1487.1	20848.8	.5
1680.0	1663.5	2.443	2.326	34.582	27.611	35.355	27.601	56.9	19.673	.0	1487.3	21235.5	2.0
1700.0	1683.2	2.418	2.300	34.584	27.614	35.450	27.604	56.5	19.787	.0	1487.5	21624.4	3.8
1720.0	1702.9	2.397	2.278	34.585	27.617	35.544	27.607	56.3	19.899	.0	1487.8	22015.6	.6
1740.0	1722.6	2.371	2.251	34.587	27.621	35.640	27.611	55.9	20.011	.0	1488.0	22408.8	2.6
1760.0	1742.3	2.341	2.220	34.590	27.626	35.737	27.616	55.4	20.123	.0	1488.2	22804.3	.3
1780.0	1762.1	2.311	2.189	34.592	27.630	35.832	27.620	55.1	20.233	.0	1488.4	23201.9	.6
1800.0	1781.8	2.276	2.152	34.596	27.635	35.930	27.625	54.5	20.343	.0	1488.6	23601.6	3.6
1820.0	1801.4	2.257	2.131	34.597	27.638	36.024	27.628	54.2	20.451	.0	1488.9	24003.5	3.9
1840.0	1821.2	2.236	2.109	34.599	27.642	36.119	27.632	53.9	20.560	.0	1489.1	24407.4	2.4
1860.0	1840.8	2.214	2.086	34.602	27.646	36.214	27.635	53.6	20.667	.0	1489.4	24813.4	-.5
1880.0	1860.5	2.195	2.066	34.603	27.649	36.308	27.638	53.3	20.774	.0	1489.6	25221.5	1.9
1900.0	1880.2	2.175	2.045	34.605	27.652	36.403	27.642	53.0	20.881	.0	1489.9	25631.7	2.2
1920.0	1899.9	2.161	2.029	34.607	27.655	36.497	27.644	52.8	20.986	.0	1490.1	26043.9	.4
1940.0	1919.6	2.146	2.012	34.610	27.658	36.591	27.647	52.5	21.091	.0	1490.4	26458.1	.4
1960.0	1939.3	2.129	1.994	34.611	27.661	36.685	27.650	52.3	21.196	.0	1490.7	26874.4	1.0
1980.0	1959.0	2.110	1.974	34.613	27.664	36.779	27.653	52.0	21.300	.0	1490.9	27292.7	1.6
2000.0	1978.7	2.093	1.955	34.615	27.667	36.873	27.656	51.7	21.404	.0	1491.2	27713.0	.2
2050.0	2027.9	2.039	1.898	34.619	27.675	37.108	27.663	51.0	21.660	.0	1491.8	28772.4	.5
2094.0	2071.2	2.006	1.862	34.624	27.681	37.315	27.670	50.4	21.883	.0	1492.4	29714.8	.0

Station 96 Latitude 32° 33.70'N Longitude 127° 23.16'W 06 May 1991 GMT 17:04 Bottom 4300 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.484	15.484	33.266	24.530	24.530	24.530	339.5	.000	.0	1506.8	.0	.0
10.0	10.0	15.440	15.439	33.264	24.539	24.583	24.539	339.0	.339	.0	1506.8	1.7	5.2
20.0	19.9	15.014	15.011	33.263	24.631	24.719	24.630	330.5	.674	.0	1505.6	6.7	8.3
30.0	29.9	14.981	14.977	33.271	24.645	24.777	24.644	329.5	1.004	.0	1505.7	15.1	9.8
40.0	39.8	14.906	14.900	33.266	24.658	24.835	24.657	328.5	1.333	.0	1505.6	26.7	50.8
50.0	49.8	14.720	14.712	33.278	24.708	24.928	24.706	324.1	1.659	.0	1505.2	41.6	62.8
60.0	59.8	14.601	14.592	33.286	24.739	25.004	24.737	321.4	1.981	.0	1505.0	59.8	14.2
70.0	69.7	14.495	14.485	33.289	24.764	25.073	24.762	319.3	2.302	.0	1504.8	81.1	18.5
80.0	79.7	14.452	14.440	33.305	24.786	25.140	24.783	317.5	2.620	.0	1504.9	105.6	18.0
90.0	89.7	14.503	14.490	33.347	24.808	25.205	24.805	315.7	2.937	.0	1505.2	133.3	49.3
100.0	99.6	14.537	14.523	33.370	24.819	25.261	24.816	315.0	3.253	.0	1505.5	164.1	45.5
110.0	109.6	14.740	14.724	33.500	24.876	25.362	24.873	309.8	3.566	.0	1506.5	198.1	220.4
120.0	119.5	12.841	12.825	33.307	25.117	25.651	25.114	286.8	3.861	.0	1500.2	235.0	149.8
130.0	129.5	12.030	12.014	33.287	25.257	25.838	25.254	273.5	4.141	.0	1497.5	274.9	190.9
140.0	139.4	11.148	11.131	33.317	25.442	26.070	25.439	256.0	4.406	.0	1494.6	317.4	148.3
150.0	149.4	11.000	10.982	33.356	25.499	26.172	25.496	250.8	4.660	.0	1494.3	362.5	137.1
160.0	159.3	10.446	10.427	33.395	25.626	26.346	25.623	238.7	4.904	.0	1492.5	410.1	138.2
170.0	169.3	9.508	9.490	33.400	25.787	26.556	25.784	223.3	5.136	.0	1489.3	460.0	176.7
180.0	179.2	9.349	9.329	33.451	25.854	26.667	25.850	217.2	5.358	.0	1488.9	512.2	149.4
190.0	189.1	8.950	8.929	33.528	25.977	26.838	25.974	205.5	5.569	.0	1487.7	566.5	133.8
200.0	199.1	8.856	8.834	33.640	26.080	26.986	26.076	196.0	5.769	.0	1487.7	622.9	105.7
210.0	209.0	8.752	8.730	33.708	26.149	27.101	26.146	189.5	5.962	.0	1487.5	681.2	49.5
220.0	219.0	8.699	8.676	33.754	26.194	27.191	26.190	185.5	6.149	.0	1487.5	741.4	75.5
230.0	228.9	8.680	8.656	33.835	26.260	27.302	26.256	179.4	6.331	.0	1487.7	803.4	44.8
240.0	238.8	8.561	8.536	33.906	26.334	27.422	26.330	172.5	6.507	.0	1487.5	867.2	80.5
250.0	248.8	8.530	8.504	33.960	26.382	27.515	26.378	168.2	6.677	.0	1487.7	932.7	40.4
260.0	258.7	8.399	8.373	33.991	26.426	27.605	26.421	164.2	6.843	.0	1487.4	999.8	32.2
270.0	268.6	8.262	8.234	34.004	26.457	27.682	26.453	161.3	7.005	.0	1487.0	1068.6	5.8
280.0	278.6	8.080	8.052	34.022	26.499	27.770	26.494	157.4	7.165	.0	1486.5	1139.0	47.4
290.0	288.5	7.941	7.912	34.031	26.526	27.844	26.522	154.9	7.321	.0	1486.2	1210.9	35.6
300.0	298.4	7.737	7.708	34.016	26.545	27.909	26.540	153.2	7.475	.0	1485.5	1284.4	16.0
310.0	308.4	7.588	7.558	34.020	26.568	27.979	26.564	151.0	7.627	.0	1485.1	1359.4	10.4
320.0	318.3	7.398	7.368	34.018	26.594	28.052	26.590	148.7	7.777	.0	1484.5	1435.9	21.2
330.0	328.2	7.278	7.246	34.013	26.607	28.112	26.603	147.5	7.925	.0	1484.2	1513.9	14.7
340.0	338.2	7.192	7.160	34.016	26.622	28.172	26.618	146.2	8.072	.0	1484.0	1593.3	33.7
350.0	348.1	7.073	7.040	34.027	26.647	28.244	26.643	143.9	8.217	.0	1483.8	1674.1	23.2
360.0	358.0	6.929	6.895	34.026	26.666	28.310	26.662	142.1	8.360	.0	1483.4	1756.4	18.2
370.0	367.9	6.884	6.850	34.038	26.681	28.371	26.677	140.8	8.501	.0	1483.4	1840.1	13.5
380.0	377.9	6.740	6.706	34.036	26.700	28.436	26.695	139.1	8.641	.0	1483.0	1925.2	11.1
390.0	387.8	6.688	6.653	34.045	26.714	28.496	26.709	137.9	8.780	.0	1482.9	2011.6	15.2
400.0	397.7	6.622	6.585	34.053	26.729	28.557	26.724	136.5	8.917	.0	1482.8	2099.5	12.9
410.0	407.6	6.523	6.487	34.065	26.752	28.626	26.747	134.5	9.052	.0	1482.6	2188.6	28.1
420.0	417.6	6.409	6.372	34.071	26.771	28.693	26.767	132.6	9.186	.0	1482.3	2279.1	14.9
430.0	427.5	6.298	6.260	34.072	26.787	28.755	26.782	131.2	9.318	.0	1482.1	2370.9	15.5
440.0	437.4	6.087	6.049	34.058	26.802	28.818	26.797	129.7	9.448	.0	1481.4	2464.0	19.5
450.0	447.3	6.010	5.971	34.068	26.820	28.882	26.815	128.1	9.577	.0	1481.2	2558.4	8.7
460.0	457.3	6.160	6.120	34.114	26.837	28.943	26.832	126.7	9.704	.0	1482.1	2654.1	12.0
470.0	467.2	6.079	6.038	34.115	26.848	29.001	26.843	125.7	9.830	.0	1481.9	2751.0	15.8
480.0	477.1	5.958	5.917	34.114	26.864	29.063	26.858	124.3	9.955	.0	1481.6	2849.1	7.2
490.0	487.0	5.889	5.847	34.125	26.880	29.126	26.875	122.8	10.079	.0	1481.5	2948.5	5.5
500.0	496.9	5.835	5.792	34.142	26.901	29.193	26.896	120.9	10.200	.0	1481.4	3049.0	18.9
510.0	506.9	5.869	5.825	34.152	26.905	29.242	26.899	120.7	10.321	.0	1481.7	3150.8	5.5
520.0	516.8	5.840	5.795	34.165	26.919	29.302	26.913	119.5	10.442	.0	1481.8	3253.8	22.5
530.0	526.7	5.722	5.677	34.166	26.934	29.364	26.928	118.1	10.560	.0	1481.5	3357.9	22.8
540.0	536.6	5.662	5.616	34.175	26.948	29.425	26.943	116.8	10.678	.0	1481.4	3463.2	18.9
550.0	546.5	5.608	5.562	34.184	26.962	29.485	26.956	115.5	10.794	.0	1481.4	3569.6	7.2
560.0	556.4	5.552	5.505	34.193	26.976	29.545	26.971	114.2	10.909	.0	1481.3	3677.2	20.7
570.0	566.3	5.498	5.450	34.204	26.991	29.607	26.986	112.9	11.022	.0	1481.3	3786.0	18.6
580.0	576.3	5.387	5.339	34.204	27.005	29.668	26.999	111.6	11.135	.0	1481.0	3895.8	25.7
590.0	586.2	5.249	5.201	34.210	27.026	29.736	27.021	109.5	11.245	.0	1480.6	4006.7	18.0
600.0	596.1	5.255	5.206	34.220	27.033	29.789	27.028	108.9	11.354	.0	1480.8	4118.7	6.3
610.0	606.0	5.226	5.176	34.232	27.046	29.848	27.040	107.8	11.463	.0	1480.9	4231.8	18.0
620.0	615.9	5.201	5.151	34.242	27.056	29.904	27.051	106.9	11.570	.0	1481.0	4346.0	8.7
630.0	625.8	5.169	5.118	34.248	27.066	29.960	27.060	106.2	11.677	.0	1481.0	4461.2	15.4
640.0	635.7	5.042	4.991	34.250	27.081	30.023	27.076	104.6	11.782	.0	1480.6	4577.4	15.7
650.0	645.6	4.979	4.927	34.252	27.091	30.079	27.085	103.7	11.887	.0	1480.5	4694.7	9.5
660.0	655.5	4.922	4.869	34.265	27.108	30.142	27.102	102.2	11.990	.0	1480.5	4813.0	15.4
670.0	665.5	4.802	4.749	34.262	27.119	30.201	27.113	101.1	12.091	.0	1480.2	4932.3	6.3
680.0	675.4	4.785	4.731	34.275	27.131	30.259	27.125	100.0	12.192	.0	1480.3	5052.6	9.8
690.0	685.3	4.761	4.707	34.285	27.141	30.316	27.135	99.1	12.291	.0	1480.3	5173.9	3.4
700.0	695.2	4.734	4.678	34.293	27.152	30.372	27.146	98.2	12.390	.0	1480.4	5296.1	15.1
710.0	705.1	4.716	4.660	34.299	27.158	30.425	27.152	97.6	12.488	.0	1480.5	5419.3	11.9
720.0	715.0	4.604	4.548	34.293	27.166	30.480	27.160	96.8	12.585	.0	1480.2	5543.5	8.6
730.0	724.9	4.537	4.480	34.298	27.177	30.538	27.171	95.8	12.681	.0	1480.1	5668.6	12.1
740.0	734.8	4.478	4.421	34.302	27.187	30.594	27.181	94.9	12.776	.0	1480.0	5794.7	6.9
750.0	744.7	4.449	4.391	34.305	27.192	30.646	27.186	94.4	12.871	.0	1480.1	5921.7	7.7
760.0	754.6	4.419	4.361	34.307	27.197	30.697	27.191	94.0	12.965	.0	1480.1	6049.7	8.9
770.0	764.5	4.364	4.305	34.315	27.209	30.757	27.203	92.8	13.059	.0	1480.1	6178.5	20.6
780.0	774.4	4.330	4.271	34.328	27.224	30.817	27.217	91.5	13.151	.0	1480.1	6308.3	6.6
790.0	784.3	4.334	4.273	34.339	27.232	30.871	27.225	90.9	13.242	.0	1480.3	6439.0	10.4
800.0	794.2	4.301	4.240	34.344	27.240	30.925	27.233	90.2	13.333	.0	1480.3	6570.5	.1
810.0	804.1	4.285	4.223	34.349	27.245	30.976	27.239	89.7	13.423	.0	1480.4	6703.0	4.0
820.0	814.0	4.252	4.190	34.360	27.257	31.034	27.250	88.7	13.512	.0	1480.5	6836.3	11.3
830.0	823.9	4.227	4.163	34.366	27.264	31.088	27.258	88.0	13.600	.0	1480.5	6970.5	6.0
840.0	833.8	4.193	4.129	34.374	27.275	31.145	27.268	87.1	13.688	.0	1480.6	7105.6	2.5
850.0	843.7	4.172	4.108	34.376	27.279	31.194	27.272	86.8	13.775	.0	1480.7	7241.5	4.3
860.0	853.6	4.146	4.081	34.381	27.285	31.247	27.278	86.2	13.861	.0	1480.7	7378.3	10.4
870.0	863.5	4.127	4.062	34.389	27.294	31.302	27.287	85.5	13.947	.0	1480.8	7515.9	4.0
880.0	873.4	4.092	4.025	34.392	27.300	31.355	27.293	84.9	14.032	.0	1480.8	7654.3	4.3
890.0	883.3	4.093	4.026	34.401	27.307	31.407	27.300	84.4	14.117	.0	1481.0	7793.6	8.7
900.0	893.2	4.084	4.016	34.406	27.312	31.458	27.305	84.0	14.201	.0	1481.1	7933.7	6.0
910.0	903.1	4.042	3.974	34.410	27.319	31.512	27.312	83.3	14.285	.0	1481.1	8074.7	10.7
920.0	913.0	4.010	3.941	34.414	27.326	31.565	27.319	82.7	14.368	.0	1481.2	8216.4	6.0
930.0	922.9	4.006	3.936	34.422	27.333	31.617	27.325	82.1	14.450	.0	1481.3	8359.0	5.2
940.0	932.8	3.992	3.922	34.424	27.336	31.667	27.329	81.8	14.532	.0	1481.4	8502.4	10.2
950.0	942.7	3.914	3.844	34.426	27.346	31.724	27.339	80.9	14.613	.0	1481.3	8646.5	5.2
960.0	952.6	3.865	3.793	34.426	27.351	31.776	27.344	80.4	14.694	.0	1481.2	8791.5	8.7
970.0	962.5	3.826	3.754	34.429	27.357	31.828	27.350	79.8	14.774	.0	1481.2	8937.2	1.1
980.0	972.3	3.796	3.724	34.436	27.366	31.883	27.358	79.0	14.854	.0	1481.3	9083.8	4.3
990.0	982.2	3.780	3.707	34.437	27.368	31.932	27.361	78.8	14.932	.0	1481.4	9231.1	3.1

Station 96 Latitude 32° 33.70'N Longitude 127° 23.16'W 06 May 1991 GMT 17:04 Bottom 4300 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.750	3.677	34.444	27.377	31.987	27.370	78.0	15.011	.0	1481.4	9379.2	9.0
1020.0	1011.9	3.729	3.654	34.456	27.389	32.090	27.381	77.1	15.166	.0	1481.7	9677.6	8.1
1040.0	1031.7	3.697	3.621	34.464	27.398	32.192	27.391	76.2	15.319	.0	1481.9	9979.1	4.6
1060.0	1051.5	3.647	3.570	34.471	27.409	32.295	27.401	75.3	15.471	.0	1482.0	10283.5	4.6
1080.0	1071.2	3.604	3.525	34.476	27.417	32.395	27.409	74.6	15.621	.0	1482.2	10590.9	5.5
1100.0	1091.0	3.568	3.488	34.483	27.426	32.497	27.419	73.8	15.769	.0	1482.4	10901.2	3.2
1120.0	1110.8	3.538	3.456	34.486	27.431	32.594	27.424	73.4	15.916	.0	1482.6	11214.4	.6
1140.0	1130.6	3.500	3.417	34.490	27.439	32.694	27.431	72.7	16.062	.0	1482.8	11530.5	5.0
1160.0	1150.3	3.448	3.364	34.494	27.447	32.794	27.439	72.0	16.207	.0	1482.9	11849.4	.3
1180.0	1170.1	3.427	3.341	34.500	27.454	32.893	27.446	71.5	16.351	.0	1483.1	12171.1	.9
1200.0	1189.8	3.409	3.322	34.509	27.463	32.993	27.455	70.7	16.493	.0	1483.4	12495.7	7.6
1220.0	1209.6	3.336	3.248	34.512	27.472	33.096	27.464	69.8	16.633	.0	1483.4	12822.9	1.2
1240.0	1229.4	3.297	3.208	34.514	27.478	33.194	27.470	69.3	16.772	.0	1483.6	13152.9	4.1
1260.0	1249.1	3.263	3.172	34.518	27.484	33.292	27.476	68.8	16.910	.0	1483.8	13485.6	5.0
1280.0	1268.9	3.222	3.130	34.521	27.491	33.390	27.482	68.2	17.047	.0	1483.9	13821.0	3.9
1300.0	1288.6	3.166	3.072	34.526	27.500	33.492	27.491	67.3	17.183	.0	1484.0	14159.1	7.4
1320.0	1308.4	3.128	3.033	34.528	27.506	33.590	27.497	66.8	17.317	.0	1484.2	14499.8	6.2
1340.0	1328.1	3.087	2.991	34.533	27.513	33.690	27.504	66.1	17.450	.0	1484.4	14843.1	3.0
1360.0	1347.9	3.042	2.945	34.536	27.520	33.789	27.511	65.5	17.581	.0	1484.5	15188.9	.4
1380.0	1367.6	3.006	2.908	34.541	27.527	33.888	27.518	64.9	17.712	.0	1484.7	15537.3	3.0
1400.0	1387.3	2.974	2.874	34.543	27.532	33.986	27.523	64.4	17.841	.0	1484.9	15888.3	2.2
1420.0	1407.1	2.936	2.835	34.547	27.539	34.084	27.529	63.8	17.969	.0	1485.1	16241.7	1.9
1440.0	1426.8	2.897	2.795	34.551	27.545	34.183	27.536	63.2	18.096	.0	1485.2	16597.6	2.8
1460.0	1446.6	2.869	2.766	34.553	27.549	34.279	27.540	62.9	18.222	.0	1485.5	16956.0	.7
1480.0	1466.3	2.844	2.739	34.556	27.554	34.375	27.545	62.5	18.347	.0	1485.7	17316.9	7.8
1500.0	1486.0	2.799	2.694	34.558	27.559	34.473	27.550	61.9	18.472	.0	1485.8	17680.1	3.1
1520.0	1505.8	2.756	2.649	34.557	27.563	34.569	27.554	61.5	18.595	.0	1486.0	18045.8	3.4
1540.0	1525.5	2.719	2.611	34.561	27.570	34.668	27.560	60.9	18.718	.0	1486.1	18413.8	2.5
1560.0	1545.2	2.685	2.576	34.564	27.575	34.765	27.565	60.4	18.839	.0	1486.3	18784.3	2.8
1580.0	1564.9	2.637	2.527	34.569	27.583	34.866	27.573	59.6	18.959	.0	1486.5	19157.0	2.8
1600.0	1584.7	2.609	2.498	34.571	27.587	34.962	27.577	59.2	19.078	.0	1486.7	19532.1	2.9
1620.0	1604.4	2.591	2.478	34.573	27.591	35.057	27.581	59.0	19.196	.0	1486.9	19909.5	.2
1640.0	1624.1	2.570	2.455	34.573	27.592	35.150	27.583	58.8	19.314	.0	1487.2	20289.2	2.6
1660.0	1643.8	2.533	2.418	34.577	27.598	35.248	27.589	58.2	19.431	.0	1487.4	20671.2	11.4
1680.0	1663.5	2.485	2.369	34.581	27.606	35.348	27.596	57.5	19.547	.0	1487.5	21055.4	1.4
1700.0	1683.2	2.465	2.347	34.581	27.608	35.442	27.598	57.3	19.662	.0	1487.7	21441.8	1.7
1720.0	1702.9	2.422	2.303	34.585	27.615	35.541	27.605	56.6	19.776	.0	1487.9	21830.5	6.7
1740.0	1722.7	2.385	2.264	34.588	27.620	35.638	27.610	56.1	19.888	.0	1488.1	22221.4	3.5
1760.0	1742.4	2.360	2.239	34.588	27.623	35.732	27.612	55.8	20.000	.0	1488.3	22614.4	1.8
1780.0	1762.1	2.335	2.212	34.590	27.626	35.827	27.616	55.5	20.111	.0	1488.5	23009.6	2.4
1800.0	1781.8	2.299	2.174	34.594	27.632	35.925	27.622	54.9	20.222	.0	1488.7	23406.9	3.6
1820.0	1801.5	2.281	2.155	34.595	27.635	36.020	27.625	54.6	20.331	.0	1489.0	23806.4	2.4
1840.0	1821.2	2.251	2.124	34.598	27.640	36.116	27.630	54.2	20.440	.0	1489.2	24208.0	.1
1860.0	1840.9	2.230	2.101	34.600	27.644	36.211	27.633	53.8	20.548	.0	1489.4	24611.7	1.5
1880.0	1860.6	2.213	2.083	34.604	27.648	36.306	27.637	53.5	20.656	.0	1489.7	25017.4	1.9
1900.0	1880.3	2.200	2.069	34.605	27.650	36.399	27.639	53.3	20.763	.0	1490.0	25425.3	.7
1920.0	1899.9	2.182	2.050	34.608	27.654	36.494	27.643	53.0	20.869	.0	1490.2	25835.2	2.2
1940.0	1919.6	2.162	2.028	34.611	27.657	36.589	27.647	52.6	20.975	.0	1490.5	26247.1	2.2
1960.0	1939.3	2.150	2.015	34.611	27.659	36.681	27.648	52.5	21.080	.0	1490.8	26661.1	1.6
1980.0	1959.0	2.130	1.993	34.613	27.663	36.776	27.652	52.2	21.185	.0	1491.0	27077.1	1.3
2000.0	1978.7	2.117	1.979	34.614	27.664	36.869	27.653	52.1	21.289	.0	1491.3	27495.2	5.2
2050.0	2027.9	2.060	1.918	34.620	27.674	37.106	27.662	51.2	21.547	.0	1491.9	28549.0	.5
2094.0	2071.2	2.015	1.870	34.624	27.681	37.314	27.669	50.5	21.770	.0	1492.4	29486.5	.0

Station 97 Latitude 32° 20.47'N Longitude 127° 30.13'W 06 May 1991 GMT 19:40 Bottom 4225 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.871	15.871	33.222	24.410	24.410	24.410	351.0	.000	.0	1508.0	.0	.0
10.0	10.0	15.754	15.753	33.220	24.435	24.479	24.435	348.9	.350	.0	1507.7	1.7	105.4
20.0	19.9	15.226	15.223	33.188	24.527	24.616	24.527	340.4	.693	.0	1506.2	7.0	18.9
30.0	29.9	15.021	15.017	33.183	24.569	24.701	24.568	336.7	1.032	.0	1505.7	15.6	124.0
40.0	39.9	14.329	14.323	33.160	24.699	24.876	24.698	324.6	1.361	.0	1503.6	27.5	37.2
50.0	49.8	14.401	14.394	33.208	24.721	24.942	24.719	322.8	1.685	.0	1504.1	42.7	21.4
60.0	59.8	14.403	14.394	33.239	24.744	25.010	24.743	320.8	2.006	.0	1504.3	61.0	4.4
70.0	69.7	14.363	14.353	33.235	24.750	25.060	24.748	320.6	2.327	.0	1504.3	82.6	-.2
80.0	79.7	14.312	14.300	33.238	24.763	25.118	24.761	319.6	2.647	.0	1504.3	107.4	15.6
90.0	89.7	14.354	14.341	33.264	24.775	25.173	24.772	318.8	2.966	.0	1504.6	135.3	4.5
100.0	99.6	14.386	14.372	33.284	24.784	25.226	24.781	318.2	3.285	.0	1504.9	166.5	12.4
110.0	109.6	14.074	14.058	33.284	24.850	25.337	24.847	312.2	3.601	.0	1504.1	200.7	172.5
120.0	119.5	12.019	12.004	33.077	25.096	25.632	25.093	288.6	3.901	.0	1497.1	238.1	64.4
130.0	129.5	11.256	11.240	33.060	25.223	25.806	25.220	276.6	4.185	.0	1494.5	278.4	166.1
140.0	139.4	10.693	10.676	33.086	25.343	25.972	25.340	265.2	4.454	.0	1492.7	321.4	95.4
150.0	149.4	10.125	10.108	33.164	25.501	26.177	25.498	250.3	4.713	.0	1490.9	367.0	172.9
160.0	159.3	9.812	9.795	33.211	25.590	26.312	25.587	242.0	4.958	.0	1490.0	415.1	83.9
170.0	169.3	9.590	9.572	33.312	25.706	26.474	25.702	231.1	5.194	.0	1489.5	465.6	129.2
180.0	179.2	9.343	9.323	33.411	25.823	26.637	25.820	220.1	5.420	.0	1488.9	518.4	78.5
190.0	189.2	9.110	9.089	33.530	25.953	26.813	25.950	207.8	5.634	.0	1488.3	573.3	193.0
200.0	199.1	8.901	8.880	33.618	26.055	26.961	26.052	198.3	5.836	.0	1487.8	630.3	61.8
210.0	209.0	8.805	8.783	33.698	26.133	27.084	26.129	191.1	6.031	.0	1487.7	689.3	111.6
220.0	219.0	8.778	8.754	33.794	26.213	27.210	26.209	183.7	6.218	.0	1487.9	750.2	39.5
230.0	228.9	8.711	8.687	33.867	26.280	27.323	26.277	177.5	6.399	.0	1487.9	812.9	97.2
240.0	238.9	8.550	8.525	33.942	26.364	27.452	26.360	169.7	6.573	.0	1487.5	877.4	74.4
250.0	248.8	8.468	8.443	33.961	26.391	27.525	26.388	167.2	6.741	.0	1487.4	943.5	40.7
260.0	258.7	8.320	8.294	33.976	26.426	27.606	26.422	164.1	6.907	.0	1487.0	1011.3	8.4
270.0	268.7	8.163	8.136	33.987	26.458	27.684	26.454	161.1	7.070	.0	1486.6	1080.7	18.1
280.0	278.6	8.043	8.015	33.991	26.479	27.751	26.475	159.2	7.230	.0	1486.3	1151.7	40.3
290.0	288.5	7.887	7.859	33.994	26.505	27.823	26.501	156.9	7.388	.0	1485.9	1224.3	30.3
300.0	298.5	7.750	7.720	33.996	26.527	27.891	26.522	154.9	7.543	.0	1485.5	1298.5	6.9
310.0	308.4	7.614	7.584	33.998	26.548	27.959	26.544	153.0	7.698	.0	1485.2	1374.2	27.9
320.0	318.3	7.325	7.294	34.002	26.592	28.051	26.588	148.8	7.849	.0	1484.2	1451.4	9.4
330.0	328.3	7.230	7.199	34.004	26.607	28.112	26.603	147.4	7.997	.0	1484.0	1530.0	10.3
340.0	338.2	7.106	7.074	34.002	26.623	28.174	26.618	146.0	8.144	.0	1483.7	1610.2	33.1
350.0	348.1	6.929	6.897	34.008	26.652	28.250	26.648	143.3	8.288	.0	1483.2	1691.7	12.0
360.0	358.0	6.868	6.835	34.011	26.662	28.306	26.658	142.4	8.431	.0	1483.1	1774.7	7.9
370.0	368.0	6.769	6.735	34.018	26.681	28.372	26.677	140.7	8.573	.0	1482.9	1859.1	2.3
380.0	377.9	6.682	6.648	34.022	26.696	28.433	26.691	139.4	8.713	.0	1482.7	1944.9	11.1
390.0	387.8	6.441	6.407	34.008	26.717	28.502	26.712	137.3	8.851	.0	1481.9	2032.1	11.1
400.0	397.7	6.275	6.240	34.019	26.747	28.579	26.743	134.5	8.987	.0	1481.4	2120.6	10.2
410.0	407.7	6.182	6.146	34.022	26.761	28.639	26.757	133.2	9.121	.0	1481.2	2210.5	22.7
420.0	417.6	6.082	6.046	34.027	26.778	28.703	26.774	131.6	9.253	.0	1481.0	2301.6	12.5
430.0	427.5	6.024	5.987	34.030	26.788	28.759	26.783	130.8	9.384	.0	1480.9	2394.1	18.6
440.0	437.4	5.845	5.807	34.037	26.816	28.834	26.811	128.1	9.514	.0	1480.4	2487.9	30.0
450.0	447.4	5.735	5.697	34.045	26.836	28.901	26.831	126.3	9.641	.0	1480.1	2582.9	18.3
460.0	457.3	5.628	5.589	34.047	26.851	28.963	26.846	124.9	9.766	.0	1479.8	2679.2	13.6
470.0	467.2	5.538	5.499	34.059	26.871	29.030	26.866	123.0	9.890	.0	1479.6	2776.7	26.2
480.0	477.1	5.494	5.454	34.067	26.883	29.088	26.878	122.0	10.013	.0	1479.6	2875.4	11.5
490.0	487.0	5.395	5.355	34.073	26.899	29.151	26.895	120.4	10.134	.0	1479.4	2975.3	1.3
500.0	497.0	5.334	5.293	34.082	26.914	29.212	26.909	119.1	10.254	.0	1479.3	3076.4	27.9
510.0	506.9	5.263	5.222	34.086	26.925	29.270	26.920	118.0	10.372	.0	1479.2	3178.7	12.1
520.0	516.8	5.190	5.148	34.095	26.941	29.332	26.936	116.6	10.490	.0	1479.1	3282.2	15.3
530.0	526.7	5.150	5.107	34.115	26.962	29.400	26.957	114.7	10.606	.0	1479.1	3386.8	18.5
540.0	536.6	5.107	5.064	34.126	26.975	29.459	26.970	113.5	10.720	.0	1479.1	3492.5	12.7
550.0	546.5	5.154	5.109	34.154	26.992	29.521	26.987	112.1	10.833	.0	1479.5	3599.3	24.1
560.0	556.5	5.119	5.074	34.155	26.997	29.572	26.992	111.7	10.945	.0	1479.5	3707.3	5.9
570.0	566.4	5.085	5.039	34.156	27.002	29.624	26.997	111.3	11.056	.0	1479.5	3816.4	16.5
580.0	576.3	5.008	4.962	34.170	27.022	29.690	27.017	109.4	11.166	.0	1479.4	3926.5	9.5
590.0	586.2	4.978	4.931	34.175	27.029	29.743	27.024	108.8	11.275	.0	1479.5	4037.8	5.1
600.0	596.1	4.880	4.832	34.186	27.049	29.810	27.044	106.9	11.383	.0	1479.2	4150.1	13.8
610.0	606.0	4.847	4.799	34.192	27.057	29.865	27.052	106.2	11.490	.0	1479.3	4263.4	10.0
620.0	615.9	4.803	4.754	34.200	27.069	29.924	27.064	105.1	11.595	.0	1479.3	4377.8	7.7
630.0	625.8	4.691	4.642	34.201	27.082	29.983	27.076	103.9	11.700	.0	1479.0	4493.3	20.0
640.0	635.8	4.638	4.589	34.216	27.100	30.048	27.095	102.2	11.803	.0	1478.9	4609.7	9.4
650.0	645.7	4.603	4.552	34.229	27.115	30.109	27.109	100.9	11.905	.0	1479.0	4727.2	18.5
660.0	655.6	4.590	4.539	34.241	27.125	30.166	27.120	100.0	12.005	.0	1479.1	4845.7	.6
670.0	665.5	4.646	4.594	34.264	27.138	30.223	27.132	99.0	12.104	.0	1479.5	4965.1	15.0
680.0	675.4	4.609	4.556	34.279	27.154	30.285	27.148	97.6	12.203	.0	1479.5	5085.5	8.0
690.0	685.3	4.600	4.546	34.293	27.166	30.343	27.160	96.5	12.299	.0	1479.7	5206.9	9.5
700.0	695.2	4.544	4.490	34.297	27.175	30.399	27.169	95.6	12.396	.0	1479.6	5329.2	11.2
710.0	705.1	4.500	4.445	34.301	27.184	30.454	27.177	94.9	12.491	.0	1479.6	5452.5	7.4
720.0	715.0	4.498	4.442	34.308	27.189	30.505	27.183	94.4	12.585	.0	1479.8	5576.7	21.8
730.0	724.9	4.465	4.409	34.320	27.202	30.564	27.196	93.3	12.679	.0	1479.8	5701.8	6.0
740.0	734.8	4.419	4.362	34.322	27.209	30.617	27.203	92.7	12.772	.0	1479.8	5827.9	8.9
750.0	744.7	4.410	4.352	34.331	27.217	30.672	27.211	92.0	12.865	.0	1479.9	5954.8	11.8
760.0	754.6	4.345	4.287	34.333	27.226	30.727	27.220	91.2	12.956	.0	1479.8	6082.7	15.0
770.0	764.5	4.324	4.266	34.343	27.236	30.784	27.230	90.3	13.047	.0	1479.9	6211.4	11.0
780.0	774.4	4.288	4.229	34.353	27.247	30.841	27.241	89.2	13.137	.0	1480.0	6341.1	8.6
790.0	784.3	4.256	4.196	34.357	27.254	30.894	27.248	88.7	13.226	.0	1480.0	6471.6	4.5
800.0	794.2	4.213	4.152	34.364	27.264	30.951	27.258	87.7	13.314	.0	1480.0	6603.0	14.2
810.0	804.1	4.218	4.157	34.370	27.269	31.001	27.263	87.4	13.401	.0	1480.2	6735.2	11.8
820.0	814.0	4.170	4.109	34.377	27.280	31.059	27.273	86.4	13.488	.0	1480.2	6868.3	11.0
830.0	823.9	4.171	4.108	34.389	27.289	31.113	27.282	85.6	13.574	.0	1480.3	7002.3	7.5
840.0	833.8	4.156	4.093	34.398	27.298	31.168	27.291	84.9	13.659	.0	1480.4	7137.1	10.7
850.0	843.7	4.148	4.084	34.407	27.306	31.222	27.299	84.2	13.744	.0	1480.6	7272.7	6.9
860.0	853.6	4.125	4.060	34.413	27.313	31.275	27.306	83.6	13.828	.0	1480.7	7409.1	13.3
870.0	863.5	4.086	4.020	34.422	27.324	31.333	27.317	82.5	13.911	.0	1480.7	7546.4	6.0
880.0	873.4	4.062	3.996	34.426	27.330	31.385	27.323	82.0	13.993	.0	1480.8	7684.5	2.5
890.0	883.3	4.032	3.965	34.430	27.336	31.438	27.329	81.5	14.075	.0	1480.8	7823.4	10.7
900.0	893.2	3.999	3.931	34.435	27.344	31.492	27.337	80.8	14.156	.0	1480.8	7963.1	6.6
910.0	903.1	3.975	3.907	34.440	27.351	31.544	27.344	80.2	14.236	.0	1480.9	8103.5	7.5
920.0	913.0	3.956	3.887	34.443	27.355	31.595	27.348	79.8	14.316	.0	1481.0	8244.8	8.1
930.0	922.9	3.928	3.859	34.447	27.361	31.647	27.354	79.3	14.396	.0	1481.0	8386.8	4.0
940.0	932.8	3.903	3.833	34.453	27.368	31.700	27.361	78.7	14.475	.0	1481.1	8529.7	13.4
950.0	942.7	3.878	3.807	34.457	27.374	31.752	27.367	78.2	14.553	.0	1481.2	8673.3	5.5
960.0	952.6	3.857	3.786	34.459	27.378	31.802	27.371	77.9	14.632	.0	1481.3	8817.6	5.2
970.0	962.5	3.824	3.752	34.462	27.383	31.854	27.376	77.3	14.709	.0	1481.3	8962.7	.5
980.0	972.4	3.810	3.738	34.463	27.386	31.903	27.378	77.2	14.786	.0	1481.4	9108.6	4.0
990.0	982.3	3.791	3.718	34.467	27.391	31.954	27.383	76.7	14.863	.0	1481.5	9255.3	6.1

Station 97 Latitude 32° 20.47'N Longitude 127° 30.13'W 06 May 1991 GMT 19:40 Bottom 4225 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.765	3.691	34.468	27.395	32.004	27.387	76.4	14.940	.0	1481.5	9402.6	4.9
1020.0	1011.9	3.720	3.645	34.475	27.404	32.106	27.397	75.5	15.092	.0	1481.7	9699.7	4.6
1040.0	1031.7	3.675	3.598	34.480	27.413	32.207	27.406	74.8	15.242	.0	1481.8	9999.6	2.6
1060.0	1051.5	3.634	3.556	34.485	27.421	32.307	27.413	74.1	15.391	.0	1482.0	10302.5	5.5
1080.0	1071.3	3.589	3.510	34.489	27.429	32.408	27.421	73.4	15.539	.0	1482.1	10608.3	2.0
1100.0	1091.0	3.533	3.453	34.494	27.439	32.510	27.431	72.5	15.685	.0	1482.2	10917.0	1.4
1120.0	1110.8	3.487	3.406	34.501	27.448	32.612	27.440	71.7	15.829	.0	1482.4	11228.5	1.1
1140.0	1130.6	3.442	3.360	34.506	27.457	32.713	27.449	70.9	15.972	.0	1482.5	11542.8	.6
1160.0	1150.3	3.392	3.308	34.508	27.463	32.812	27.455	70.3	16.113	.0	1482.7	11859.9	3.5
1180.0	1170.1	3.341	3.256	34.510	27.471	32.912	27.462	69.7	16.253	.0	1482.8	12179.8	5.3
1200.0	1189.8	3.296	3.210	34.515	27.478	33.012	27.470	69.0	16.392	.0	1482.9	12502.3	-.9
1220.0	1209.6	3.260	3.173	34.518	27.484	33.110	27.476	68.5	16.529	.0	1483.1	12827.6	.6
1240.0	1229.4	3.243	3.154	34.520	27.488	33.205	27.480	68.2	16.666	.0	1483.4	13155.5	.6
1260.0	1249.1	3.214	3.123	34.526	27.495	33.304	27.487	67.6	16.802	.0	1483.6	13486.1	5.9
1280.0	1268.9	3.174	3.082	34.529	27.502	33.403	27.493	67.0	16.937	.0	1483.7	13819.3	3.3
1300.0	1288.6	3.139	3.046	34.533	27.508	33.501	27.499	66.5	17.070	.0	1483.9	14155.2	2.4
1320.0	1308.4	3.088	2.994	34.538	27.517	33.603	27.508	65.7	17.202	.0	1484.0	14493.6	1.5
1340.0	1328.1	3.049	2.953	34.539	27.522	33.700	27.513	65.2	17.333	.0	1484.2	14834.6	2.1
1360.0	1347.9	3.014	2.917	34.543	27.528	33.798	27.519	64.7	17.463	.0	1484.4	15178.1	2.4
1380.0	1367.6	2.975	2.877	34.546	27.534	33.896	27.525	64.1	17.592	.0	1484.6	15524.2	2.7
1400.0	1387.4	2.932	2.833	34.549	27.540	33.995	27.531	63.5	17.719	.0	1484.7	15872.8	6.5
1420.0	1407.1	2.879	2.779	34.554	27.549	34.096	27.540	62.7	17.845	.0	1484.8	16223.8	8.6
1440.0	1426.8	2.851	2.750	34.556	27.553	34.193	27.544	62.3	17.970	.0	1485.0	16577.2	5.1
1460.0	1446.6	2.811	2.708	34.558	27.559	34.291	27.550	61.8	18.094	.0	1485.2	16933.1	.4
1480.0	1466.3	2.789	2.685	34.561	27.563	34.387	27.554	61.4	18.217	.0	1485.5	17291.4	.4
1500.0	1486.0	2.757	2.652	34.563	27.568	34.483	27.559	61.0	18.340	.0	1485.6	17652.1	1.3
1520.0	1505.8	2.725	2.618	34.566	27.573	34.580	27.563	60.5	18.461	.0	1485.8	18015.1	.8
1540.0	1525.5	2.700	2.592	34.569	27.577	34.677	27.568	60.1	18.582	.0	1486.1	18380.5	4.0
1560.0	1545.2	2.670	2.560	34.572	27.583	34.774	27.573	59.6	18.701	.0	1486.3	18748.3	-1.6
1580.0	1564.9	2.642	2.532	34.574	27.586	34.869	27.577	59.3	18.820	.0	1486.5	19118.3	.5
1600.0	1584.7	2.600	2.488	34.577	27.593	34.968	27.583	58.6	18.939	.0	1486.7	19490.7	5.2
1620.0	1604.4	2.572	2.460	34.579	27.597	35.064	27.587	58.3	19.056	.0	1486.9	19865.3	2.0
1640.0	1624.1	2.554	2.439	34.581	27.600	35.158	27.590	58.0	19.172	.0	1487.1	20242.2	2.3
1660.0	1643.8	2.530	2.414	34.584	27.604	35.254	27.595	57.7	19.288	.0	1487.4	20621.3	5.2
1680.0	1663.5	2.507	2.390	34.586	27.608	35.349	27.598	57.4	19.403	.0	1487.6	21002.7	3.8
1700.0	1683.3	2.474	2.356	34.588	27.613	35.446	27.603	56.9	19.517	.0	1487.8	21386.3	3.2
1720.0	1703.0	2.449	2.330	34.590	27.617	35.542	27.607	56.5	19.630	.0	1488.0	21772.2	1.8
1740.0	1722.7	2.405	2.285	34.590	27.620	35.638	27.610	56.1	19.743	.0	1488.2	22160.2	1.2
1760.0	1742.4	2.384	2.262	34.592	27.623	35.732	27.613	55.9	19.855	.0	1488.4	22550.4	1.5
1780.0	1762.1	2.348	2.225	34.596	27.629	35.830	27.619	55.3	19.966	.0	1488.6	22942.7	1.2
1800.0	1781.8	2.328	2.203	34.597	27.632	35.924	27.622	55.0	20.076	.0	1488.8	23337.2	2.1
1820.0	1801.5	2.309	2.183	34.598	27.635	36.019	27.625	54.7	20.186	.0	1489.1	23733.8	5.0
1840.0	1821.2	2.276	2.149	34.602	27.641	36.116	27.630	54.2	20.295	.0	1489.3	24132.5	2.1
1860.0	1840.9	2.246	2.118	34.604	27.645	36.212	27.635	53.7	20.403	.0	1489.5	24533.3	1.0
1880.0	1860.6	2.216	2.086	34.607	27.650	36.309	27.640	53.3	20.510	.0	1489.7	24936.2	4.2
1900.0	1880.3	2.196	2.065	34.610	27.654	36.403	27.643	52.9	20.616	.0	1490.0	25341.2	-.5
1920.0	1900.0	2.193	2.060	34.610	27.654	36.495	27.644	52.9	20.722	.0	1490.3	25748.2	.4
1940.0	1919.7	2.179	2.045	34.612	27.657	36.589	27.647	52.7	20.827	.0	1490.6	26157.3	1.0
1960.0	1939.3	2.161	2.025	34.613	27.660	36.682	27.649	52.5	20.933	.0	1490.8	26568.4	2.5
1980.0	1959.0	2.149	2.012	34.614	27.661	36.774	27.650	52.4	21.038	.0	1491.1	26981.5	.2
2000.0	1978.7	2.121	1.982	34.616	27.666	36.870	27.654	52.0	21.142	.0	1491.3	27396.6	1.4
2050.0	2027.9	2.077	1.935	34.620	27.673	37.104	27.662	51.3	21.400	.0	1492.0	28443.2	.5
2094.0	2071.2	2.030	1.885	34.625	27.680	37.312	27.669	50.7	21.625	.0	1492.5	29374.5	.0

Station 98 Latitude 32° 06.23'N Longitude 127° 37.65'W 06 May 1991 GMT 22:33 Bottom 4315 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.985	15.985	33.297	24.442	24.442	24.442	347.9	.000	.0	1508.4	.0	.0
10.0	10.0	15.914	15.913	33.285	24.449	24.493	24.449	347.6	.348	.0	1508.3	1.7	88.4
20.0	19.9	15.378	15.375	33.261	24.550	24.638	24.550	338.2	.689	.0	1506.8	6.9	14.3
30.0	29.9	15.323	15.319	33.255	24.558	24.690	24.557	337.8	1.027	.0	1506.8	15.5	14.5
40.0	39.9	15.371	15.365	33.355	24.625	24.802	24.624	331.7	1.363	.0	1507.2	27.4	118.8
50.0	49.8	15.285	15.278	33.391	24.672	24.892	24.670	327.5	1.692	.0	1507.1	42.6	.8
60.0	59.8	15.331	15.322	33.428	24.690	24.955	24.688	326.1	2.019	.0	1507.5	61.1	14.6
70.0	69.7	15.078	15.068	33.389	24.717	25.025	24.714	323.9	2.343	.0	1506.8	82.8	21.6
80.0	79.7	15.238	15.226	33.455	24.732	25.085	24.730	322.7	2.667	.0	1507.6	107.7	6.4
90.0	89.7	15.096	15.082	33.453	24.763	25.159	24.760	320.1	2.989	.0	1507.3	135.9	63.5
100.0	99.6	14.754	14.739	33.372	24.774	25.215	24.771	319.3	3.308	.0	1506.2	167.3	42.9
110.0	109.6	14.429	14.413	33.319	24.803	25.289	24.799	316.8	3.625	.0	1505.3	201.8	14.2
120.0	119.5	13.757	13.740	33.232	24.875	25.408	24.872	310.0	3.939	.0	1503.1	239.4	82.0
130.0	129.5	12.309	12.292	33.109	25.066	25.646	25.063	291.8	4.240	.0	1498.3	280.2	143.5
140.0	139.4	11.505	11.488	33.061	25.179	25.806	25.175	281.1	4.526	.0	1495.6	323.8	101.2
150.0	149.4	10.812	10.795	33.100	25.333	26.007	25.330	266.5	4.800	.0	1493.3	370.2	134.4
160.0	159.3	10.420	10.401	33.151	25.441	26.162	25.438	256.3	5.062	.0	1492.1	419.3	84.0
170.0	169.3	10.515	10.495	33.238	25.493	26.257	25.489	251.6	5.315	.0	1492.8	470.9	155.8
180.0	179.2	9.967	9.947	33.359	25.680	26.492	25.677	233.9	5.557	.0	1491.1	525.0	196.7
190.0	189.2	9.556	9.535	33.409	25.787	26.646	25.784	223.8	5.784	.0	1489.8	581.4	27.0
200.0	199.1	9.317	9.295	33.502	25.899	26.803	25.896	213.3	6.004	.0	1489.2	640.0	150.3
210.0	209.1	9.208	9.185	33.574	25.973	26.923	25.969	206.5	6.215	.0	1489.1	700.7	68.3
220.0	219.0	9.040	9.017	33.725	26.117	27.113	26.113	192.9	6.416	.0	1488.8	763.5	150.3
230.0	228.9	8.835	8.811	33.772	26.187	27.228	26.183	186.4	6.604	.0	1488.2	828.2	72.3
240.0	238.9	8.718	8.693	33.881	26.291	27.378	26.287	176.7	6.787	.0	1488.1	894.8	118.9
250.0	248.8	8.601	8.575	33.924	26.342	27.475	26.338	172.0	6.961	.0	1487.9	963.1	37.5
260.0	258.8	8.510	8.483	33.958	26.383	27.562	26.379	168.3	7.131	.0	1487.7	1033.1	35.4
270.0	268.7	8.390	8.362	33.981	26.419	27.644	26.415	164.9	7.298	.0	1487.5	1104.8	42.1
280.0	278.6	8.171	8.142	33.985	26.456	27.727	26.451	161.6	7.461	.0	1486.8	1178.1	34.5
290.0	288.5	8.006	7.977	33.993	26.486	27.804	26.482	158.7	7.621	.0	1486.4	1253.0	20.1
300.0	298.5	7.903	7.873	33.998	26.506	27.869	26.501	157.0	7.778	.0	1486.1	1329.5	13.9
310.0	308.4	7.792	7.761	33.999	26.523	27.933	26.519	155.5	7.935	.0	1485.9	1407.5	21.8
320.0	318.4	7.636	7.605	34.002	26.548	28.004	26.544	153.1	8.089	.0	1485.4	1487.0	27.4
330.0	328.3	7.528	7.496	34.004	26.565	28.067	26.560	151.7	8.241	.0	1485.2	1568.1	20.6
340.0	338.2	7.315	7.283	34.006	26.597	28.146	26.592	148.7	8.392	.0	1484.5	1650.7	24.7
350.0	348.1	7.147	7.114	34.008	26.622	28.218	26.617	146.3	8.540	.0	1484.0	1734.8	34.3
360.0	358.1	6.965	6.932	34.004	26.644	28.287	26.639	144.3	8.685	.0	1483.5	1820.3	34.9
370.0	368.0	6.835	6.801	34.003	26.661	28.351	26.656	142.7	8.828	.0	1483.1	1907.2	5.3
380.0	377.9	6.718	6.683	34.004	26.677	28.414	26.673	141.2	8.970	.0	1482.8	1995.5	27.8
390.0	387.9	6.565	6.530	34.006	26.699	28.482	26.694	139.1	9.110	.0	1482.4	2085.3	12.6
400.0	397.8	6.414	6.379	34.011	26.723	28.553	26.718	136.9	9.248	.0	1481.9	2176.4	35.4
410.0	407.7	6.402	6.365	34.012	26.726	28.602	26.721	136.8	9.385	.0	1482.1	2268.9	17.5
420.0	417.6	6.259	6.222	34.018	26.749	28.672	26.744	134.6	9.521	.0	1481.7	2362.7	21.6
430.0	427.5	6.090	6.052	34.024	26.775	28.745	26.770	132.1	9.654	.0	1481.2	2457.8	15.1
440.0	437.5	5.913	5.876	34.030	26.802	28.820	26.798	129.5	9.785	.0	1480.6	2554.3	17.4
450.0	447.4	5.855	5.817	34.037	26.815	28.879	26.810	128.3	9.914	.0	1480.6	2652.0	10.4
460.0	457.3	5.750	5.711	34.044	26.833	28.944	26.828	126.7	10.041	.0	1480.3	2751.0	16.5
470.0	467.2	5.643	5.603	34.049	26.850	29.008	26.845	125.1	10.167	.0	1480.0	2851.2	12.7
480.0	477.1	5.578	5.538	34.054	26.862	29.067	26.858	123.9	10.292	.0	1479.9	2952.7	15.9
490.0	487.1	5.498	5.458	34.065	26.881	29.131	26.876	122.3	10.415	.0	1479.8	3055.4	20.6
500.0	497.0	5.429	5.388	34.078	26.899	29.197	26.895	120.5	10.536	.0	1479.7	3159.3	29.7
510.0	506.9	5.346	5.305	34.091	26.919	29.263	26.915	118.7	10.656	.0	1479.5	3264.4	24.7
520.0	516.8	5.302	5.260	34.096	26.928	29.319	26.923	117.9	10.774	.0	1479.5	3370.7	18.5
530.0	526.7	5.232	5.189	34.104	26.943	29.380	26.938	116.6	10.891	.0	1479.4	3478.1	6.5
540.0	536.7	5.163	5.120	34.111	26.957	29.440	26.952	115.3	11.007	.0	1479.3	3586.7	11.2
550.0	546.6	5.115	5.071	34.114	26.965	29.495	26.960	114.6	11.122	.0	1479.3	3696.4	1.5
560.0	556.5	5.024	4.980	34.120	26.980	29.556	26.975	113.2	11.236	.0	1479.1	3807.2	20.6
570.0	566.4	4.912	4.867	34.128	26.999	29.623	26.994	111.3	11.348	.0	1478.8	3919.2	8.0
580.0	576.3	4.852	4.806	34.137	27.013	29.684	27.008	110.0	11.459	.0	1478.7	4032.3	16.4
590.0	586.2	4.799	4.753	34.146	27.026	29.743	27.021	108.9	11.568	.0	1478.7	4146.4	20.8
600.0	596.2	4.746	4.700	34.154	27.039	29.802	27.033	107.7	11.676	.0	1478.6	4261.6	10.6
610.0	606.1	4.696	4.648	34.163	27.051	29.861	27.046	106.6	11.783	.0	1478.6	4377.9	19.7
620.0	616.0	4.643	4.595	34.176	27.068	29.925	27.063	105.0	11.889	.0	1478.6	4495.2	10.0
630.0	625.9	4.598	4.550	34.187	27.081	29.984	27.075	103.9	11.994	.0	1478.6	4613.6	5.9
640.0	635.8	4.582	4.532	34.201	27.094	30.044	27.089	102.7	12.097	.0	1478.7	4732.9	12.9
650.0	645.7	4.526	4.476	34.214	27.110	30.106	27.105	101.2	12.199	.0	1478.6	4853.3	16.1
660.0	655.6	4.486	4.436	34.223	27.122	30.164	27.117	100.1	12.299	.0	1478.6	4974.7	17.6
670.0	665.5	4.438	4.387	34.236	27.138	30.226	27.132	98.7	12.399	.0	1478.6	5097.1	18.2
680.0	675.4	4.406	4.355	34.243	27.147	30.282	27.141	97.8	12.497	.0	1478.7	5220.4	3.8
690.0	685.3	4.378	4.326	34.251	27.156	30.337	27.150	97.0	12.594	.0	1478.7	5344.7	12.0
700.0	695.2	4.338	4.285	34.260	27.167	30.395	27.162	96.0	12.691	.0	1478.7	5469.9	9.4
710.0	705.2	4.330	4.276	34.262	27.170	30.444	27.165	95.8	12.787	.0	1478.9	5596.1	2.4
720.0	715.0	4.316	4.262	34.277	27.184	30.503	27.178	94.7	12.882	.0	1479.0	5723.3	13.8
730.0	725.0	4.331	4.276	34.293	27.195	30.560	27.189	93.7	12.976	.0	1479.2	5851.3	7.4
740.0	734.9	4.302	4.246	34.301	27.205	30.616	27.198	92.9	13.070	.0	1479.3	5980.3	9.2
750.0	744.8	4.258	4.201	34.308	27.215	30.672	27.209	92.0	13.162	.0	1479.3	6110.2	3.0
760.0	754.7	4.229	4.171	34.317	27.225	30.729	27.219	91.0	13.254	.0	1479.3	6241.0	19.1
770.0	764.6	4.255	4.197	34.338	27.239	30.788	27.233	89.9	13.344	.0	1479.6	6372.7	11.8
780.0	774.5	4.230	4.171	34.348	27.250	30.845	27.243	88.9	13.434	.0	1479.7	6505.3	14.2
790.0	784.4	4.212	4.152	34.357	27.259	30.900	27.253	88.1	13.522	.0	1479.8	6638.8	8.0
800.0	794.3	4.200	4.140	34.364	27.266	30.953	27.260	87.5	13.610	.0	1479.9	6773.1	11.2
810.0	804.2	4.202	4.141	34.373	27.273	31.006	27.267	87.0	13.697	.0	1480.1	6908.3	18.3
820.0	814.1	4.182	4.120	34.384	27.284	31.062	27.277	86.0	13.784	.0	1480.2	7044.3	5.7
830.0	824.0	4.163	4.101	34.387	27.288	31.113	27.282	85.7	13.870	.0	1480.3	7181.2	.4
840.0	833.9	4.141	4.078	34.389	27.292	31.163	27.285	85.4	13.955	.0	1480.4	7318.9	1.3
850.0	843.8	4.143	4.078	34.399	27.300	31.216	27.293	84.7	14.040	.0	1480.6	7457.5	8.9
860.0	853.7	4.112	4.048	34.406	27.309	31.272	27.302	83.9	14.124	.0	1480.6	7596.9	3.1
870.0	863.6	4.076	4.011	34.408	27.315	31.323	27.308	83.4	14.208	.0	1480.6	7737.1	8.4
880.0	873.5	4.043	3.977	34.415	27.323	31.379	27.316	82.6	14.291	.0	1480.7	7878.1	8.4
890.0	883.4	4.023	3.957	34.420	27.329	31.431	27.322	82.1	14.373	.0	1480.7	8020.0	13.6
900.0	893.3	4.000	3.933	34.423	27.334	31.481	27.327	81.7	14.455	.0	1480.8	8162.6	6.6
910.0	903.2	3.968	3.900	34.428	27.342	31.536	27.335	81.0	14.537	.0	1480.9	8306.0	2.5
920.0	913.0	3.946	3.878	34.432	27.347	31.587	27.340	80.5	14.618	.0	1480.9	8450.3	5.4
930.0	923.0	3.941	3.871	34.434	27.349	31.635	27.342	80.5	14.698	.0	1481.1	8595.3	3.7
940.0	932.8	3.912	3.842	34.437	27.355	31.687	27.347	79.9	14.778	.0	1481.1	8741.1	3.7
950.0	942.7	3.887	3.816	34.443	27.362	31.740	27.354	79.3	14.858	.0	1481.2	8887.7	9.0
960.0	952.6	3.849	3.778	34.449	27.371	31.795	27.364	78.5	14.937	.0	1481.2	9035.1	-2.2
970.0	962.5	3.842	3.770	34.451	27.374	31.844	27.366	78.3	15.015	.0	1481.3	9183.3	7.8
980.0	972.4	3.824	3.751	34.455	27.378	31.895	27.371	77.9	15.093	.0	1481.4	9332.2	4.0
990.0	982.3	3.800	3.727	34.460	27.384	31.947	27.377	77.4	15.171	.0	1481.5	9481.9	8.4

Station 98 Latitude 32° 06.23'N Longitude 127° 37.65'W 06 May 1991 GMT 22:33 Bottom 4315 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.768	3.694	34.465	27.392	32.001	27.385	76.7	15.248	.0	1481.5	9632.3	6.1
1020.0	1012.0	3.730	3.655	34.472	27.401	32.102	27.393	75.9	15.401	.0	1481.7	9935.4	7.2
1040.0	1031.8	3.697	3.621	34.479	27.410	32.204	27.403	75.1	15.552	.0	1481.9	10241.5	4.9
1060.0	1051.5	3.676	3.598	34.484	27.416	32.301	27.408	74.7	15.701	.0	1482.2	10550.5	3.2
1080.0	1071.3	3.631	3.551	34.491	27.426	32.404	27.419	73.8	15.850	.0	1482.3	10862.5	8.7
1100.0	1091.1	3.572	3.491	34.496	27.437	32.507	27.429	72.9	15.997	.0	1482.4	11177.3	5.2
1120.0	1110.8	3.538	3.456	34.499	27.442	32.604	27.434	72.5	16.142	.0	1482.6	11495.0	-1.2
1140.0	1130.6	3.489	3.406	34.504	27.451	32.705	27.443	71.6	16.286	.0	1482.7	11815.6	1.7
1160.0	1150.4	3.447	3.363	34.509	27.459	32.806	27.451	70.9	16.429	.0	1482.9	12138.9	6.4
1180.0	1170.2	3.394	3.308	34.511	27.466	32.906	27.458	70.2	16.570	.0	1483.0	12465.0	-2.0
1200.0	1189.9	3.371	3.284	34.514	27.471	33.002	27.462	69.9	16.710	.0	1483.2	12793.9	.0
1220.0	1209.7	3.322	3.234	34.517	27.478	33.101	27.469	69.3	16.850	.0	1483.4	13125.4	5.6
1240.0	1229.4	3.263	3.174	34.521	27.487	33.203	27.478	68.4	16.987	.0	1483.4	13459.7	5.3
1260.0	1249.2	3.216	3.126	34.525	27.495	33.304	27.486	67.7	17.123	.0	1483.6	13796.7	.9
1280.0	1268.9	3.184	3.092	34.528	27.500	33.401	27.491	67.2	17.258	.0	1483.8	14136.2	10.0
1300.0	1288.7	3.141	3.048	34.532	27.507	33.501	27.499	66.6	17.392	.0	1483.9	14478.4	.1
1320.0	1308.4	3.111	3.017	34.533	27.511	33.596	27.502	66.3	17.524	.0	1484.1	14823.2	4.5
1340.0	1328.2	3.087	2.992	34.537	27.517	33.694	27.508	65.8	17.656	.0	1484.4	15170.6	1.8
1360.0	1347.9	3.050	2.954	34.540	27.522	33.791	27.513	65.3	17.788	.0	1484.6	15520.6	7.1
1380.0	1367.7	3.000	2.902	34.544	27.530	33.892	27.521	64.5	17.917	.0	1484.7	15873.1	6.0
1400.0	1387.4	2.977	2.878	34.547	27.535	33.988	27.526	64.2	18.046	.0	1484.9	16228.1	4.5
1420.0	1407.2	2.940	2.839	34.550	27.540	34.086	27.531	63.7	18.174	.0	1485.1	16585.6	4.2
1440.0	1426.9	2.910	2.808	34.553	27.545	34.183	27.536	63.2	18.301	.0	1485.3	16945.5	4.5
1460.0	1446.6	2.868	2.765	34.556	27.552	34.282	27.543	62.6	18.427	.0	1485.5	17308.0	4.0
1480.0	1466.4	2.826	2.722	34.559	27.558	34.380	27.549	62.0	18.551	.0	1485.6	17672.9	6.9
1500.0	1486.1	2.802	2.696	34.561	27.562	34.476	27.553	61.7	18.675	.0	1485.8	18040.1	5.1
1520.0	1505.8	2.771	2.664	34.564	27.567	34.573	27.558	61.2	18.798	.0	1486.0	18409.8	1.6
1540.0	1525.6	2.740	2.632	34.566	27.572	34.669	27.562	60.8	18.920	.0	1486.2	18781.9	2.2
1560.0	1545.3	2.707	2.598	34.569	27.576	34.766	27.567	60.4	19.041	.0	1486.4	19156.3	2.3
1580.0	1565.0	2.669	2.558	34.570	27.581	34.863	27.572	59.9	19.161	.0	1486.6	19533.1	.8
1600.0	1584.7	2.627	2.515	34.575	27.589	34.963	27.579	59.2	19.280	.0	1486.8	19912.1	2.3
1620.0	1604.5	2.602	2.489	34.576	27.592	35.058	27.582	58.9	19.398	.0	1487.0	20293.5	4.0
1640.0	1624.2	2.577	2.462	34.578	27.596	35.153	27.586	58.5	19.515	.0	1487.2	20677.2	3.2
1660.0	1643.9	2.560	2.444	34.580	27.599	35.247	27.589	58.3	19.632	.0	1487.5	21063.1	4.4
1680.0	1663.6	2.525	2.408	34.583	27.604	35.345	27.594	57.8	19.748	.0	1487.7	21451.3	2.6
1700.0	1683.3	2.491	2.373	34.586	27.609	35.442	27.599	57.3	19.863	.0	1487.9	21841.8	3.5
1720.0	1703.0	2.464	2.345	34.588	27.614	35.538	27.604	56.9	19.978	.0	1488.1	22234.4	5.3
1740.0	1722.7	2.432	2.312	34.591	27.619	35.635	27.609	56.4	20.091	.0	1488.3	22629.3	7.3
1760.0	1742.4	2.405	2.283	34.594	27.624	35.731	27.614	55.9	20.203	.0	1488.5	23026.4	-.3
1780.0	1762.2	2.391	2.267	34.595	27.625	35.824	27.615	55.8	20.315	.0	1488.8	23425.6	3.3
1800.0	1781.9	2.363	2.238	34.597	27.630	35.920	27.619	55.4	20.426	.0	1489.0	23826.9	5.0
1820.0	1801.6	2.342	2.215	34.600	27.634	36.015	27.623	55.0	20.536	.0	1489.2	24230.5	2.7
1840.0	1821.3	2.316	2.188	34.602	27.638	36.111	27.627	54.7	20.646	.0	1489.5	24636.1	1.6
1860.0	1841.0	2.286	2.157	34.604	27.642	36.207	27.632	54.2	20.755	.0	1489.7	25043.9	3.9
1880.0	1860.7	2.263	2.133	34.607	27.646	36.302	27.635	53.9	20.863	.0	1489.9	25453.7	-.5
1900.0	1880.3	2.248	2.116	34.607	27.648	36.395	27.637	53.7	20.971	.0	1490.2	25865.7	.4
1920.0	1900.0	2.230	2.096	34.608	27.650	36.488	27.639	53.5	21.078	.0	1490.4	26279.7	.4
1940.0	1919.7	2.204	2.070	34.611	27.654	36.584	27.643	53.1	21.184	.0	1490.7	26695.8	4.6
1960.0	1939.4	2.180	2.044	34.612	27.657	36.679	27.647	52.8	21.290	.0	1490.9	27113.9	4.6
1980.0	1959.1	2.158	2.021	34.615	27.661	36.774	27.650	52.5	21.396	.0	1491.1	27534.1	1.6
2000.0	1978.8	2.138	1.999	34.617	27.665	36.868	27.654	52.1	21.500	.0	1491.4	27956.3	-1.0
2050.0	2028.0	2.096	1.954	34.622	27.672	37.103	27.661	51.5	21.759	.0	1492.0	29020.6	-.1
2094.0	2071.3	2.056	1.910	34.625	27.678	37.309	27.667	50.9	21.985	.0	1492.6	29967.4	.0

Station 99 Latitude 31° 52.42'N Longitude 127° 43.61'W 06 May 1991 GMT 1:30 Bottom 4380 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	16.038	16.038	33.286	24.422	24.422	24.422	349.8	.000	.0	1508.5	.0	.0
10.0	10.0	16.034	16.032	33.284	24.421	24.465	24.421	350.2	.350	.0	1508.7	1.7	197.1
20.0	19.9	15.424	15.421	33.268	24.545	24.634	24.545	338.7	.691	.0	1506.9	6.9	9.9
30.0	29.9	15.436	15.432	33.302	24.570	24.702	24.569	336.7	1.029	.0	1507.2	15.5	67.3
40.0	39.9	15.553	15.547	33.417	24.633	24.809	24.631	331.0	1.363	.0	1507.8	27.4	46.8
50.0	49.8	15.580	15.573	33.535	24.717	24.938	24.716	323.2	1.690	.0	1508.2	42.6	57.7
60.0	59.8	15.664	15.655	33.607	24.755	25.019	24.753	320.0	2.011	.0	1508.7	61.1	21.1
70.0	69.7	15.706	15.695	33.657	24.784	25.092	24.782	317.5	2.330	.0	1509.1	82.7	27.0
80.0	79.7	15.797	15.784	33.706	24.802	25.153	24.799	316.2	2.647	.0	1509.6	107.5	11.5
90.0	89.7	15.823	15.809	33.747	24.828	25.223	24.825	314.0	2.963	.0	1509.9	135.4	46.6
100.0	99.6	15.417	15.402	33.729	24.905	25.346	24.902	306.9	3.274	.0	1508.8	166.5	81.1
110.0	109.6	14.432	14.416	33.654	25.060	25.547	25.057	292.3	3.575	.0	1505.7	200.6	63.1
120.0	119.5	14.026	14.009	33.661	25.152	25.683	25.148	283.8	3.862	.0	1504.6	237.6	50.1
130.0	129.5	13.184	13.166	33.595	25.272	25.849	25.268	272.5	4.141	.0	1501.8	277.4	160.7
140.0	139.4	12.720	12.701	33.593	25.362	25.986	25.359	264.0	4.410	.0	1500.4	320.0	139.2
150.0	149.4	11.571	11.552	33.472	25.486	26.157	25.483	252.2	4.667	.0	1496.5	365.2	29.5
160.0	159.3	10.939	10.920	33.454	25.586	26.304	25.583	242.7	4.916	.0	1494.4	412.8	146.2
170.0	169.3	10.326	10.306	33.411	25.660	26.425	25.656	235.7	5.156	.0	1492.3	462.9	122.6
180.0	179.2	10.120	10.099	33.486	25.754	26.565	25.750	227.0	5.387	.0	1491.8	515.4	62.6
190.0	189.2	9.693	9.672	33.588	25.904	26.762	25.901	212.7	5.609	.0	1490.5	570.1	211.8
200.0	199.1	9.387	9.365	33.684	26.030	26.934	26.026	200.9	5.813	.0	1489.7	626.8	12.4
210.0	209.1	9.325	9.303	33.706	26.056	27.006	26.053	198.6	6.013	.0	1489.7	685.6	119.6
220.0	219.0	9.139	9.115	33.740	26.114	27.109	26.110	193.3	6.208	.0	1489.2	746.4	15.0
230.0	228.9	8.980	8.955	33.747	26.144	27.185	26.140	190.5	6.400	.0	1488.7	809.0	36.9
240.0	238.9	8.740	8.715	33.810	26.231	27.318	26.227	182.4	6.587	.0	1488.1	873.6	84.3
250.0	248.8	8.680	8.653	33.870	26.288	27.420	26.284	177.2	6.768	.0	1488.1	939.9	123.3
260.0	258.7	8.497	8.470	33.948	26.377	27.556	26.373	168.8	6.940	.0	1487.7	1008.0	43.6
270.0	268.7	8.378	8.350	33.967	26.410	27.635	26.406	165.8	7.107	.0	1487.4	1077.8	35.1
280.0	278.6	8.168	8.139	33.985	26.456	27.727	26.452	161.5	7.270	.0	1486.8	1149.2	19.6
290.0	288.5	7.995	7.966	33.994	26.489	27.806	26.485	158.5	7.430	.0	1486.3	1222.2	9.0
300.0	298.5	7.895	7.866	33.997	26.506	27.869	26.501	157.0	7.588	.0	1486.1	1296.8	32.4
310.0	308.4	7.712	7.682	34.000	26.535	27.946	26.531	154.2	7.744	.0	1485.6	1373.0	47.0
320.0	318.3	7.594	7.563	33.999	26.552	28.008	26.547	152.8	7.897	.0	1485.3	1450.6	7.2
330.0	328.3	7.462	7.430	34.001	26.572	28.075	26.568	150.9	8.049	.0	1484.9	1529.8	32.3
340.0	338.2	7.254	7.221	34.002	26.602	28.152	26.598	148.1	8.199	.0	1484.3	1610.5	23.8
350.0	348.1	7.158	7.125	34.004	26.617	28.213	26.612	146.8	8.346	.0	1484.1	1692.6	23.5
360.0	358.0	6.970	6.937	34.002	26.642	28.285	26.637	144.5	8.492	.0	1483.5	1776.2	11.2
370.0	368.0	6.826	6.792	34.004	26.663	28.353	26.658	142.5	8.636	.0	1483.1	1861.2	23.1
380.0	377.9	6.778	6.743	34.002	26.668	28.403	26.663	142.2	8.778	.0	1483.1	1947.7	17.9
390.0	387.8	6.696	6.660	34.005	26.681	28.463	26.676	141.0	8.919	.0	1482.9	2035.5	14.1
400.0	397.8	6.519	6.484	34.009	26.708	28.537	26.703	138.4	9.059	.0	1482.4	2124.7	11.7
410.0	407.7	6.382	6.346	34.015	26.730	28.606	26.725	136.3	9.196	.0	1482.0	2215.3	12.8
420.0	417.6	6.240	6.203	34.015	26.749	28.672	26.744	134.6	9.332	.0	1481.6	2307.3	28.6
430.0	427.5	6.071	6.034	34.024	26.777	28.748	26.772	131.9	9.465	.0	1481.1	2400.5	11.3
440.0	437.5	5.939	5.902	34.022	26.793	28.810	26.788	130.4	9.596	.0	1480.7	2495.1	12.5
450.0	447.4	5.827	5.789	34.028	26.811	28.876	26.806	128.7	9.726	.0	1480.4	2591.0	13.3
460.0	457.3	5.739	5.700	34.036	26.828	28.939	26.824	127.1	9.854	.0	1480.3	2688.1	28.0
470.0	467.2	5.640	5.601	34.037	26.841	28.999	26.836	125.9	9.980	.0	1480.0	2786.5	2.2
480.0	477.1	5.584	5.544	34.046	26.855	29.059	26.850	124.7	10.105	.0	1480.0	2886.1	14.5
490.0	487.1	5.434	5.394	34.053	26.878	29.130	26.874	122.4	10.229	.0	1479.5	2987.0	17.7
500.0	497.0	5.402	5.361	34.062	26.890	29.188	26.885	121.4	10.351	.0	1479.6	3089.0	5.7
510.0	506.9	5.320	5.278	34.070	26.906	29.250	26.901	119.9	10.471	.0	1479.4	3192.3	8.0
520.0	516.8	5.249	5.207	34.078	26.921	29.312	26.916	118.6	10.591	.0	1479.3	3296.7	.4
530.0	526.7	5.161	5.118	34.080	26.933	29.371	26.928	117.4	10.709	.0	1479.1	3402.4	29.1
540.0	536.7	5.056	5.013	34.090	26.952	29.438	26.948	115.6	10.825	.0	1478.8	3509.1	19.7
550.0	546.6	4.947	4.904	34.098	26.971	29.504	26.966	113.7	10.940	.0	1478.6	3617.0	20.5
560.0	556.5	4.899	4.855	34.110	26.986	29.565	26.981	112.4	11.053	.0	1478.6	3726.1	16.1
570.0	566.4	4.908	4.863	34.132	27.003	29.627	26.997	111.0	11.165	.0	1478.8	3836.2	20.3
580.0	576.3	4.843	4.797	34.145	27.021	29.691	27.015	109.3	11.275	.0	1478.7	3947.5	.0
590.0	586.2	4.795	4.749	34.154	27.033	29.750	27.028	108.2	11.384	.0	1478.7	4059.8	6.8
600.0	596.1	4.748	4.702	34.164	27.046	29.810	27.041	107.0	11.492	.0	1478.7	4173.2	14.1
610.0	606.0	4.705	4.658	34.178	27.063	29.873	27.057	105.5	11.598	.0	1478.7	4287.6	10.6
620.0	616.0	4.651	4.603	34.191	27.078	29.935	27.073	104.0	11.703	.0	1478.6	4403.1	12.3
630.0	625.9	4.609	4.561	34.196	27.087	29.990	27.082	103.3	11.806	.0	1478.6	4519.6	19.4
640.0	635.8	4.544	4.495	34.200	27.097	30.047	27.092	102.3	11.909	.0	1478.5	4637.1	3.5
650.0	645.7	4.522	4.472	34.204	27.103	30.099	27.098	101.8	12.011	.0	1478.6	4755.6	16.7
660.0	655.6	4.480	4.430	34.218	27.119	30.161	27.114	100.4	12.112	.0	1478.6	4875.2	19.1
670.0	665.5	4.461	4.410	34.226	27.128	30.216	27.122	99.6	12.212	.0	1478.7	4995.7	11.2
680.0	675.4	4.422	4.370	34.235	27.139	30.273	27.133	98.7	12.311	.0	1478.7	5117.2	9.7
690.0	685.3	4.381	4.328	34.250	27.155	30.337	27.150	97.1	12.409	.0	1478.7	5239.6	13.8
700.0	695.2	4.326	4.273	34.259	27.169	30.396	27.163	95.9	12.505	.0	1478.7	5363.0	13.5
710.0	705.1	4.285	4.231	34.270	27.181	30.456	27.176	94.7	12.601	.0	1478.7	5487.4	25.5
720.0	715.0	4.245	4.191	34.282	27.195	30.516	27.189	93.5	12.695	.0	1478.7	5612.7	5.3
730.0	725.0	4.233	4.179	34.286	27.200	30.566	27.194	93.1	12.788	.0	1478.8	5738.9	7.1
740.0	734.9	4.213	4.157	34.293	27.208	30.621	27.202	92.4	12.881	.0	1478.9	5866.0	.9
750.0	744.8	4.195	4.138	34.300	27.215	30.674	27.209	91.8	12.973	.0	1479.0	5994.1	1.8
760.0	754.7	4.163	4.106	34.305	27.222	30.728	27.217	91.1	13.064	.0	1479.0	6123.0	5.6
770.0	764.6	4.154	4.097	34.315	27.232	30.783	27.226	90.3	13.155	.0	1479.2	6252.8	8.6
780.0	774.5	4.125	4.067	34.325	27.242	30.840	27.236	89.4	13.245	.0	1479.2	6383.5	3.9
790.0	784.4	4.096	4.037	34.333	27.252	30.896	27.246	88.5	13.334	.0	1479.3	6515.1	6.5
800.0	794.3	4.089	4.030	34.342	27.260	30.949	27.254	87.9	13.422	.0	1479.4	6647.6	6.2
810.0	804.2	4.036	3.975	34.354	27.275	31.011	27.269	86.4	13.509	.0	1479.4	6780.9	1.8
820.0	814.1	4.038	3.977	34.357	27.277	31.059	27.271	86.4	13.596	.0	1479.6	6915.1	3.9
830.0	824.0	4.036	3.975	34.363	27.282	31.110	27.276	86.0	13.682	.0	1479.7	7050.1	24.1
840.0	833.9	3.994	3.931	34.373	27.295	31.169	27.288	84.8	13.767	.0	1479.7	7186.0	8.9
850.0	843.8	3.975	3.912	34.374	27.297	31.218	27.291	84.6	13.851	.0	1479.8	7322.7	7.4
860.0	853.7	3.947	3.884	34.385	27.309	31.276	27.303	83.5	13.936	.0	1479.9	7460.2	9.5
870.0	863.6	3.939	3.874	34.391	27.315	31.327	27.309	83.1	14.019	.0	1480.0	7598.5	2.8
880.0	873.5	3.978	3.913	34.406	27.323	31.380	27.316	82.5	14.102	.0	1480.4	7737.7	5.7
890.0	883.4	3.987	3.920	34.411	27.326	31.428	27.319	82.3	14.184	.0	1480.6	7877.7	4.3
900.0	893.3	3.956	3.889	34.413	27.331	31.480	27.324	81.9	14.266	.0	1480.6	8018.5	4.0
910.0	903.2	3.947	3.879	34.418	27.336	31.531	27.329	81.5	14.348	.0	1480.8	8160.0	6.3
920.0	913.0	3.914	3.846	34.426	27.345	31.586	27.338	80.7	14.429	.0	1480.8	8302.4	11.0
930.0	923.0	3.901	3.832	34.428	27.348	31.635	27.341	80.4	14.510	.0	1480.9	8445.6	2.5
940.0	932.8	3.875	3.805	34.433	27.355	31.688	27.348	79.8	14.590	.0	1481.0	8589.5	16.0
950.0	942.7	3.851	3.781	34.441	27.364	31.743	27.357	79.1	14.669	.0	1481.0	8734.3	6.6
960.0	952.6	3.845	3.774	34.443	27.366	31.791	27.359	78.9	14.748	.0	1481.2	8879.8	.2
970.0	962.5	3.845	3.773	34.443	27.367	31.837	27.359	79.0	14.827	.0	1481.3	9026.1	2.2
980.0	972.4	3.816	3.744	34.453	27.378	31.894	27.370	78.0	14.906	.0	1481.4	9173.1	6.9
990.0	982.3	3.809	3.735	34.457	27.381	31.944	27.374	77.7	14.983	.0	1481.5	9321.0	5.2

Station 99 Latitude 31° 52.42'N Longitude 127° 43.61'W 06 May 1991 GMT 1:30 Bottom 4380 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.773	3.699	34.460	27.387	31.996	27.380	77.1	15.061	.0	1481.6	9469.6	-.1
1020.0	1012.0	3.740	3.664	34.461	27.392	32.093	27.384	76.8	15.215	.0	1481.7	9769.0	-.1
1040.0	1031.8	3.691	3.614	34.467	27.402	32.195	27.394	75.9	15.368	.0	1481.9	10071.4	16.6
1060.0	1051.5	3.631	3.553	34.475	27.414	32.300	27.406	74.8	15.519	.0	1482.0	10376.8	12.8
1080.0	1071.3	3.607	3.528	34.479	27.419	32.397	27.411	74.4	15.668	.0	1482.2	10685.2	10.5
1100.0	1091.1	3.579	3.499	34.488	27.430	32.500	27.422	73.5	15.815	.0	1482.4	10996.5	5.8
1120.0	1110.8	3.528	3.447	34.499	27.443	32.606	27.435	72.3	15.961	.0	1482.6	11310.6	1.1
1140.0	1130.6	3.476	3.393	34.502	27.451	32.706	27.443	71.6	16.105	.0	1482.7	11627.5	5.0
1160.0	1150.4	3.435	3.351	34.506	27.458	32.805	27.450	71.0	16.247	.0	1482.8	11947.3	3.8
1180.0	1170.2	3.394	3.308	34.511	27.466	32.906	27.458	70.2	16.389	.0	1483.0	12269.8	5.9
1200.0	1189.9	3.357	3.270	34.514	27.472	33.004	27.464	69.8	16.528	.0	1483.2	12595.0	1.2
1220.0	1209.7	3.300	3.212	34.518	27.481	33.105	27.472	68.9	16.667	.0	1483.3	12923.0	-.6
1240.0	1229.4	3.256	3.167	34.522	27.488	33.205	27.480	68.2	16.804	.0	1483.4	13253.7	2.7
1260.0	1249.2	3.207	3.116	34.527	27.497	33.306	27.488	67.5	16.940	.0	1483.5	13587.0	7.4
1280.0	1268.9	3.181	3.089	34.529	27.501	33.402	27.492	67.1	17.074	.0	1483.8	13923.0	1.2
1300.0	1288.7	3.132	3.040	34.533	27.509	33.503	27.500	66.4	17.208	.0	1483.9	14261.6	5.0
1320.0	1308.4	3.094	3.000	34.536	27.515	33.601	27.506	65.9	17.340	.0	1484.1	14602.8	2.1
1340.0	1328.2	3.069	2.973	34.539	27.520	33.697	27.511	65.5	17.472	.0	1484.3	14946.5	.7
1360.0	1347.9	3.018	2.922	34.543	27.528	33.798	27.519	64.7	17.602	.0	1484.4	15292.8	.1
1380.0	1367.7	2.988	2.890	34.546	27.532	33.895	27.524	64.3	17.731	.0	1484.6	15641.6	2.7
1400.0	1387.4	2.951	2.852	34.547	27.537	33.991	27.528	63.9	17.859	.0	1484.8	15992.9	2.7
1420.0	1407.2	2.911	2.811	34.550	27.543	34.090	27.534	63.3	17.986	.0	1485.0	16346.8	2.8
1440.0	1426.9	2.873	2.771	34.552	27.549	34.187	27.539	62.8	18.112	.0	1485.1	16703.0	.4
1460.0	1446.6	2.821	2.718	34.556	27.556	34.288	27.547	62.0	18.237	.0	1485.2	17061.7	3.4
1480.0	1466.4	2.791	2.687	34.559	27.561	34.384	27.552	61.6	18.361	.0	1485.5	17422.9	4.0
1500.0	1486.1	2.765	2.660	34.561	27.565	34.480	27.556	61.3	18.484	.0	1485.7	17786.4	1.6
1520.0	1505.8	2.736	2.630	34.563	27.569	34.576	27.560	60.9	18.606	.0	1485.9	18152.3	6.3
1540.0	1525.6	2.683	2.575	34.567	27.577	34.677	27.568	60.0	18.726	.0	1486.0	18520.6	-.4
1560.0	1545.3	2.655	2.546	34.568	27.581	34.772	27.571	59.7	18.846	.0	1486.2	18891.2	1.1
1580.0	1565.0	2.614	2.503	34.572	27.587	34.871	27.578	59.1	18.965	.0	1486.4	19264.1	2.5
1600.0	1584.8	2.591	2.480	34.574	27.591	34.967	27.582	58.8	19.083	.0	1486.6	19639.3	.5
1620.0	1604.5	2.569	2.456	34.576	27.595	35.062	27.585	58.5	19.200	.0	1486.9	20016.8	2.3
1640.0	1624.2	2.545	2.430	34.580	27.600	35.158	27.590	58.0	19.317	.0	1487.1	20396.6	2.3
1660.0	1643.9	2.514	2.399	34.584	27.606	35.256	27.596	57.5	19.433	.0	1487.3	20778.6	1.4
1680.0	1663.6	2.493	2.376	34.586	27.609	35.351	27.599	57.2	19.547	.0	1487.5	21162.9	-.6
1700.0	1683.3	2.463	2.345	34.589	27.614	35.448	27.604	56.7	19.661	.0	1487.7	21549.3	5.0
1720.0	1703.1	2.428	2.309	34.592	27.620	35.546	27.610	56.1	19.774	.0	1487.9	21938.0	4.1
1740.0	1722.8	2.405	2.285	34.595	27.624	35.641	27.614	55.8	19.886	.0	1488.2	22328.8	2.4
1760.0	1742.5	2.382	2.260	34.597	27.628	35.736	27.618	55.4	19.997	.0	1488.4	22721.8	3.5
1780.0	1762.2	2.348	2.224	34.600	27.633	35.834	27.623	54.9	20.108	.0	1488.6	23117.0	3.8
1800.0	1781.9	2.322	2.197	34.601	27.636	35.928	27.626	54.6	20.217	.0	1488.8	23514.3	4.2
1820.0	1801.6	2.304	2.178	34.602	27.639	36.022	27.628	54.4	20.326	.0	1489.1	23913.7	-1.1
1840.0	1821.3	2.277	2.150	34.606	27.644	36.119	27.633	53.9	20.434	.0	1489.3	24315.2	3.3
1860.0	1841.0	2.250	2.121	34.607	27.647	36.214	27.637	53.6	20.541	.0	1489.5	24718.7	2.7
1880.0	1860.7	2.235	2.105	34.610	27.651	36.308	27.640	53.3	20.648	.0	1489.8	25124.4	1.3
1900.0	1880.4	2.220	2.088	34.611	27.653	36.402	27.642	53.1	20.755	.0	1490.1	25532.1	3.1
1920.0	1900.1	2.199	2.066	34.613	27.656	36.496	27.645	52.8	20.861	.0	1490.3	25941.9	.4
1940.0	1919.8	2.177	2.043	34.615	27.660	36.591	27.649	52.5	20.966	.0	1490.5	26353.7	1.9
1960.0	1939.4	2.151	2.016	34.617	27.664	36.686	27.653	52.1	21.071	.0	1490.8	26767.5	5.7
1980.0	1959.1	2.123	1.986	34.620	27.668	36.782	27.657	51.7	21.175	.0	1491.0	27183.4	1.1
2000.0	1978.8	2.103	1.965	34.620	27.670	36.876	27.659	51.4	21.278	.0	1491.2	27601.2	-.4
2050.0	2028.0	2.066	1.924	34.625	27.677	37.109	27.666	50.9	21.534	.0	1491.9	28654.5	4.3
2096.0	2073.3	2.033	1.888	34.625	27.680	37.321	27.669	50.7	21.767	.0	1492.5	29634.4	.0

Station 100 Latitude 31° 47.24'N Longitude 127° 29.06'W 06 May 1991 GMT 4:10 Bottom 4470 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	16.084	16.084	33.236	24.373	24.373	24.373	354.5	.000	.0	1508.6	.0	.0
10.0	10.0	16.052	16.050	33.250	24.391	24.435	24.391	353.1	.354	.0	1508.7	1.8	127.7
20.0	19.9	15.446	15.443	33.274	24.545	24.633	24.545	338.7	.697	.0	1507.0	7.0	3.1
30.0	29.9	15.310	15.306	33.254	24.560	24.692	24.559	337.6	1.036	.0	1506.7	15.7	17.2
40.0	39.9	15.091	15.085	33.239	24.597	24.774	24.596	334.3	1.372	.0	1506.2	27.7	82.7
50.0	49.8	14.589	14.581	33.223	24.693	24.914	24.691	325.5	1.702	.0	1504.7	43.0	49.9
60.0	59.8	14.408	14.399	33.215	24.725	24.991	24.723	322.7	2.027	.0	1504.3	61.6	27.0
70.0	69.7	14.394	14.384	33.223	24.735	25.045	24.733	322.0	2.349	.0	1504.4	83.3	5.3
80.0	79.7	14.357	14.346	33.229	24.748	25.102	24.745	321.1	2.671	.0	1504.5	108.3	10.3
90.0	89.7	15.085	15.072	33.458	24.768	25.165	24.765	319.6	2.991	.0	1507.2	136.5	7.2
100.0	99.6	15.383	15.368	33.566	24.787	25.227	24.784	318.1	3.310	.0	1508.5	167.9	42.7
110.0	109.6	14.365	14.349	33.370	24.856	25.342	24.852	311.7	3.625	.0	1505.1	202.5	2.4
120.0	119.5	12.517	12.501	33.143	25.052	25.587	25.049	292.9	3.928	.0	1498.9	240.1	167.8
130.0	129.5	12.752	12.734	33.443	25.240	25.819	25.236	275.4	4.212	.0	1500.2	280.6	209.8
140.0	139.4	11.935	11.917	33.417	25.376	26.002	25.373	262.5	4.481	.0	1497.5	323.9	110.6
150.0	149.4	10.903	10.885	33.380	25.535	26.209	25.532	247.3	4.737	.0	1494.0	369.7	142.9
160.0	159.3	10.106	10.088	33.369	25.664	26.385	25.661	235.0	4.979	.0	1491.3	418.1	171.2
170.0	169.3	9.995	9.976	33.487	25.775	26.542	25.772	224.7	5.209	.0	1491.2	468.7	92.4
180.0	179.2	9.798	9.778	33.539	25.848	26.661	25.845	217.9	5.431	.0	1490.7	521.7	112.6
190.0	189.2	9.756	9.734	33.597	25.901	26.758	25.897	213.1	5.646	.0	1490.8	576.7	39.7
200.0	199.1	9.545	9.523	33.637	25.967	26.871	25.964	206.9	5.856	.0	1490.2	633.9	44.6
210.0	209.1	9.446	9.423	33.708	26.039	26.988	26.035	200.3	6.058	.0	1490.1	693.1	65.4
220.0	219.0	8.940	8.917	33.734	26.141	27.137	26.137	190.6	6.254	.0	1488.4	754.3	113.3
230.0	228.9	8.737	8.713	33.787	26.213	27.256	26.210	183.8	6.441	.0	1487.9	817.4	47.4
240.0	238.9	8.631	8.606	33.859	26.287	27.375	26.283	177.0	6.622	.0	1487.7	882.3	89.6
250.0	248.8	8.461	8.435	33.930	26.369	27.503	26.365	169.4	6.796	.0	1487.4	949.0	81.9
260.0	258.7	8.361	8.334	33.967	26.413	27.592	26.408	165.4	6.962	.0	1487.2	1017.4	23.1
270.0	268.7	8.255	8.227	33.973	26.434	27.659	26.430	163.5	7.127	.0	1487.0	1087.4	51.5
280.0	278.6	8.169	8.140	33.992	26.461	27.732	26.457	161.0	7.289	.0	1486.8	1159.0	27.5
290.0	288.5	8.011	7.982	34.002	26.493	27.811	26.489	158.1	7.448	.0	1486.4	1232.1	13.1
300.0	298.5	7.907	7.877	34.008	26.513	27.877	26.509	156.3	7.605	.0	1486.2	1306.9	10.4
310.0	308.4	7.799	7.769	34.007	26.529	27.938	26.524	155.0	7.761	.0	1485.9	1383.2	18.9
320.0	318.3	7.686	7.654	34.010	26.547	28.003	26.543	153.3	7.915	.0	1485.6	1461.1	34.7
330.0	328.3	7.514	7.482	34.009	26.571	28.073	26.566	151.1	8.067	.0	1485.1	1540.4	20.3
340.0	338.2	7.354	7.321	34.008	26.593	28.142	26.588	149.1	8.217	.0	1484.7	1621.3	11.2
350.0	348.1	7.291	7.258	34.024	26.615	28.209	26.610	147.1	8.365	.0	1484.6	1703.6	35.2
360.0	358.1	7.149	7.115	34.023	26.634	28.275	26.629	145.4	8.511	.0	1484.2	1787.4	27.3
370.0	368.0	6.957	6.923	34.017	26.655	28.344	26.650	143.3	8.656	.0	1483.6	1872.6	16.4
380.0	377.9	6.862	6.827	34.024	26.674	28.409	26.669	141.7	8.798	.0	1483.4	1959.2	24.3
390.0	387.8	6.654	6.619	34.012	26.692	28.475	26.688	139.9	8.939	.0	1482.7	2047.2	24.6
400.0	397.8	6.495	6.459	34.017	26.717	28.546	26.712	137.5	9.078	.0	1482.3	2136.7	34.5
410.0	407.7	6.398	6.361	34.019	26.732	28.608	26.727	136.2	9.214	.0	1482.1	2227.4	24.8
420.0	417.6	6.259	6.222	34.024	26.753	28.676	26.749	134.2	9.349	.0	1481.7	2319.6	19.5
430.0	427.5	6.139	6.101	34.028	26.772	28.742	26.768	132.4	9.483	.0	1481.4	2413.0	22.2
440.0	437.5	6.004	5.966	34.030	26.790	28.807	26.786	130.7	9.614	.0	1481.0	2507.8	23.0
450.0	447.4	5.906	5.868	34.037	26.809	28.872	26.804	129.0	9.744	.0	1480.8	2603.8	21.5
460.0	457.3	5.841	5.802	34.047	26.824	28.934	26.819	127.6	9.873	.0	1480.7	2701.1	24.2
470.0	467.2	5.737	5.698	34.059	26.847	29.003	26.842	125.5	9.999	.0	1480.4	2799.7	25.6
480.0	477.1	5.670	5.630	34.075	26.868	29.071	26.863	123.5	10.123	.0	1480.3	2899.5	18.3
490.0	487.1	5.480	5.440	34.072	26.888	29.139	26.883	121.6	10.246	.0	1479.7	3000.5	18.8
500.0	497.0	5.422	5.380	34.073	26.896	29.194	26.891	120.8	10.368	.0	1479.7	3102.8	8.6
510.0	506.9	5.359	5.318	34.079	26.909	29.252	26.904	119.7	10.488	.0	1479.6	3206.2	8.9
520.0	516.8	5.298	5.256	34.081	26.917	29.307	26.912	119.0	10.607	.0	1479.5	3310.8	5.9
530.0	526.7	5.213	5.170	34.087	26.932	29.369	26.927	117.6	10.726	.0	1479.3	3416.6	12.1
540.0	536.7	5.084	5.041	34.091	26.950	29.435	26.945	115.8	10.843	.0	1479.0	3523.6	24.4
550.0	546.6	5.064	5.020	34.100	26.959	29.490	26.954	115.0	10.958	.0	1479.1	3631.7	9.1
560.0	556.5	4.974	4.929	34.106	26.975	29.552	26.969	113.6	11.072	.0	1478.9	3740.9	13.2
570.0	566.4	4.913	4.868	34.115	26.989	29.613	26.983	112.3	11.185	.0	1478.8	3851.2	17.6
580.0	576.3	4.856	4.811	34.126	27.004	29.675	26.999	110.9	11.297	.0	1478.7	3962.7	20.0
590.0	586.2	4.842	4.795	34.140	27.017	29.733	27.011	109.8	11.407	.0	1478.8	4075.2	3.0
600.0	596.1	4.831	4.784	34.148	27.024	29.787	27.019	109.2	11.517	.0	1479.0	4188.8	18.2
610.0	606.1	4.766	4.718	34.155	27.038	29.847	27.032	107.9	11.625	.0	1478.9	4303.5	9.1
620.0	616.0	4.702	4.654	34.166	27.053	29.909	27.047	106.5	11.733	.0	1478.8	4419.3	9.1
630.0	625.9	4.675	4.626	34.173	27.062	29.964	27.056	105.7	11.839	.0	1478.9	4536.1	24.6
640.0	635.8	4.615	4.566	34.181	27.075	30.024	27.069	104.5	11.944	.0	1478.8	4654.0	25.2
650.0	645.7	4.567	4.516	34.197	27.093	30.088	27.088	102.9	12.047	.0	1478.8	4772.9	3.3
660.0	655.6	4.528	4.478	34.207	27.105	30.147	27.100	101.8	12.150	.0	1478.8	4892.8	35.2
670.0	665.5	4.491	4.440	34.218	27.118	30.206	27.112	100.6	12.251	.0	1478.8	5013.7	18.5
680.0	675.4	4.454	4.402	34.232	27.133	30.268	27.128	99.2	12.351	.0	1478.8	5135.5	10.6
690.0	685.3	4.443	4.390	34.245	27.145	30.325	27.139	98.2	12.450	.0	1479.0	5258.4	19.4
700.0	695.2	4.384	4.331	34.260	27.163	30.389	27.157	96.5	12.547	.0	1478.9	5382.2	20.0
710.0	705.2	4.352	4.298	34.272	27.176	30.449	27.170	95.3	12.643	.0	1479.0	5507.0	8.3
720.0	715.1	4.277	4.223	34.272	27.184	30.504	27.178	94.6	12.738	.0	1478.8	5632.7	15.0
730.0	725.0	4.262	4.207	34.287	27.198	30.564	27.192	93.3	12.832	.0	1478.9	5759.4	8.8
740.0	734.9	4.262	4.206	34.302	27.210	30.622	27.204	92.3	12.925	.0	1479.1	5886.9	3.9
750.0	744.8	4.262	4.205	34.304	27.211	30.669	27.205	92.3	13.017	.0	1479.3	6015.4	3.6
760.0	754.7	4.290	4.232	34.323	27.223	30.726	27.217	91.3	13.109	.0	1479.6	6144.8	12.1
770.0	764.6	4.284	4.226	34.335	27.233	30.782	27.227	90.4	13.200	.0	1479.7	6275.0	10.1
780.0	774.5	4.202	4.143	34.337	27.244	30.840	27.238	89.4	13.290	.0	1479.6	6406.2	8.9
790.0	784.4	4.176	4.116	34.339	27.248	30.890	27.242	89.1	13.379	.0	1479.6	6538.2	4.5
800.0	794.3	4.195	4.134	34.355	27.260	30.947	27.253	88.1	13.467	.0	1479.9	6671.1	16.8
810.0	804.2	4.166	4.105	34.364	27.269	31.003	27.263	87.2	13.555	.0	1480.0	6804.9	2.2
820.0	814.1	4.129	4.067	34.368	27.277	31.056	27.270	86.6	13.642	.0	1480.0	6939.6	18.0
830.0	824.0	4.105	4.043	34.377	27.286	31.112	27.279	85.8	13.728	.0	1480.0	7075.0	13.6
840.0	833.9	4.094	4.031	34.385	27.294	31.166	27.287	85.1	13.814	.0	1480.2	7211.4	8.9
850.0	843.8	4.062	3.999	34.390	27.301	31.219	27.294	84.4	13.899	.0	1480.2	7348.5	5.4
860.0	853.7	4.055	3.991	34.396	27.307	31.271	27.300	84.0	13.983	.0	1480.4	7486.5	4.5
870.0	863.6	4.037	3.972	34.399	27.311	31.321	27.304	83.7	14.067	.0	1480.4	7625.3	4.8
880.0	873.5	4.018	3.952	34.405	27.318	31.374	27.311	83.1	14.150	.0	1480.5	7765.0	5.1
890.0	883.4	4.007	3.941	34.409	27.322	31.424	27.315	82.8	14.233	.0	1480.7	7905.4	5.1
900.0	893.3	3.981	3.914	34.415	27.330	31.478	27.323	82.0	14.316	.0	1480.7	8046.7	12.2
910.0	903.2	3.969	3.901	34.419	27.334	31.528	27.327	81.7	14.397	.0	1480.8	8188.8	4.6
920.0	913.1	3.976	3.907	34.428	27.341	31.580	27.334	81.2	14.479	.0	1481.1	8331.6	1.1
930.0	923.0	3.931	3.862	34.428	27.345	31.631	27.338	80.8	14.560	.0	1481.0	8475.3	5.7
940.0	932.8	3.891	3.821	34.434	27.354	31.687	27.347	79.9	14.640	.0	1481.0	8619.7	3.4
950.0	942.8	3.864	3.793	34.439	27.361	31.740	27.354	79.3	14.720	.0	1481.1	8765.0	5.2
960.0	952.6	3.827	3.756	34.446	27.370	31.796	27.363	78.5	14.799	.0	1481.1	8911.0	10.7
970.0	962.5	3.805	3.733	34.449	27.375	31.847	27.368	78.1	14.877	.0	1481.2	9057.8	4.3
980.0	972.4	3.774	3.702	34.458	27.385	31.903	27.378	77.1	14.955	.0	1481.2	9205.3	5.2
990.0	982.3	3.749	3.676	34.462	27.391	31.955	27.383	76.6	15.032	.0	1481.3	9353.6	7.2

Station 100 Latitude 31° 47.24'N Longitude 127° 29.06'W 06 May 1991 GMT 4:10 Bottom 4470 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.746	3.672	34.467	27.396	32.006	27.388	76.3	15.108	.0	1481.5	9502.7	9.3
1020.0	1012.0	3.665	3.590	34.472	27.407	32.111	27.400	75.1	15.260	.0	1481.4	9803.1	3.7
1040.0	1031.8	3.684	3.608	34.482	27.414	32.207	27.406	74.8	15.410	.0	1481.9	10106.4	2.9
1060.0	1051.5	3.648	3.570	34.485	27.420	32.306	27.412	74.3	15.559	.0	1482.1	10412.6	3.2
1080.0	1071.3	3.588	3.509	34.488	27.428	32.407	27.421	73.5	15.707	.0	1482.1	10721.7	6.4
1100.0	1091.1	3.565	3.485	34.497	27.438	32.508	27.430	72.7	15.853	.0	1482.4	11033.7	4.1
1120.0	1110.9	3.501	3.420	34.502	27.448	32.611	27.440	71.8	15.998	.0	1482.4	11348.6	4.7
1140.0	1130.6	3.459	3.376	34.507	27.456	32.712	27.448	71.0	16.141	.0	1482.6	11666.3	5.8
1160.0	1150.4	3.409	3.325	34.511	27.464	32.812	27.456	70.3	16.282	.0	1482.7	11986.7	4.4
1180.0	1170.2	3.356	3.271	34.515	27.473	32.914	27.465	69.5	16.422	.0	1482.8	12309.9	3.8
1200.0	1189.9	3.318	3.231	34.518	27.479	33.012	27.471	69.0	16.561	.0	1483.0	12635.8	2.9
1220.0	1209.7	3.297	3.209	34.520	27.482	33.107	27.474	68.8	16.698	.0	1483.3	12964.4	5.0
1240.0	1229.4	3.254	3.165	34.524	27.490	33.207	27.482	68.1	16.835	.0	1483.4	13295.7	3.5
1260.0	1249.2	3.230	3.140	34.526	27.494	33.302	27.485	67.8	16.971	.0	1483.6	13629.7	4.4
1280.0	1268.9	3.181	3.089	34.531	27.502	33.403	27.494	67.0	17.106	.0	1483.8	13966.3	2.1
1300.0	1288.7	3.142	3.049	34.534	27.509	33.502	27.500	66.4	17.239	.0	1483.9	14305.5	-1.7
1320.0	1308.5	3.107	3.012	34.537	27.514	33.600	27.506	65.9	17.372	.0	1484.1	14647.3	1.8
1340.0	1328.2	3.080	2.985	34.538	27.518	33.695	27.509	65.7	17.503	.0	1484.3	14991.6	6.8
1360.0	1347.9	3.030	2.934	34.541	27.525	33.795	27.516	65.0	17.634	.0	1484.5	15338.6	6.5
1380.0	1367.7	2.999	2.901	34.544	27.530	33.892	27.521	64.6	17.763	.0	1484.7	15688.0	1.3
1400.0	1387.4	2.963	2.864	34.547	27.536	33.989	27.527	64.0	17.892	.0	1484.8	16040.0	1.9
1420.0	1407.2	2.921	2.820	34.550	27.543	34.089	27.534	63.4	18.019	.0	1485.0	16394.5	7.2
1440.0	1426.9	2.894	2.792	34.553	27.547	34.185	27.538	63.0	18.146	.0	1485.2	16751.4	1.9
1460.0	1446.7	2.860	2.757	34.556	27.552	34.283	27.543	62.5	18.271	.0	1485.4	17110.8	5.7
1480.0	1466.4	2.837	2.733	34.558	27.556	34.378	27.547	62.2	18.396	.0	1485.7	17472.6	3.1
1500.0	1486.1	2.799	2.694	34.560	27.561	34.475	27.552	61.7	18.520	.0	1485.8	17836.8	.8
1520.0	1505.9	2.766	2.659	34.563	27.566	34.572	27.557	61.3	18.643	.0	1486.0	18203.5	.5
1540.0	1525.6	2.746	2.637	34.565	27.570	34.667	27.561	61.0	18.765	.0	1486.3	18572.5	1.7
1560.0	1545.3	2.707	2.597	34.569	27.577	34.766	27.567	60.3	18.886	.0	1486.4	18943.9	-.1
1580.0	1565.0	2.671	2.560	34.570	27.581	34.862	27.571	59.9	19.007	.0	1486.6	19317.6	.5
1600.0	1584.8	2.636	2.524	34.572	27.586	34.960	27.576	59.4	19.126	.0	1486.8	19693.6	1.1
1620.0	1604.5	2.619	2.506	34.573	27.588	35.053	27.578	59.3	19.245	.0	1487.1	20072.0	-.3
1640.0	1624.2	2.595	2.480	34.577	27.593	35.150	27.583	58.9	19.363	.0	1487.3	20452.7	2.9
1660.0	1643.9	2.580	2.464	34.578	27.596	35.243	27.586	58.7	19.481	.0	1487.6	20835.6	4.1
1680.0	1663.6	2.554	2.436	34.581	27.600	35.340	27.590	58.3	19.597	.0	1487.8	21220.9	-.3
1700.0	1683.3	2.526	2.407	34.584	27.605	35.436	27.595	57.8	19.713	.0	1488.0	21608.3	5.0
1720.0	1703.1	2.492	2.372	34.587	27.611	35.533	27.600	57.3	19.829	.0	1488.2	21998.1	3.2
1740.0	1722.8	2.452	2.331	34.590	27.616	35.631	27.606	56.7	19.942	.0	1488.4	22390.0	3.5
1760.0	1742.5	2.431	2.309	34.592	27.619	35.726	27.609	56.4	20.056	.0	1488.6	22784.2	4.7
1780.0	1762.2	2.409	2.285	34.592	27.622	35.820	27.612	56.2	20.168	.0	1488.9	23180.5	1.2
1800.0	1781.9	2.374	2.249	34.595	27.627	35.917	27.617	55.7	20.280	.0	1489.0	23579.0	4.2
1820.0	1801.6	2.340	2.214	34.598	27.633	36.014	27.622	55.1	20.391	.0	1489.2	23979.7	1.0
1840.0	1821.3	2.317	2.190	34.600	27.636	36.109	27.625	54.9	20.501	.0	1489.5	24382.5	1.3
1860.0	1841.0	2.286	2.157	34.603	27.641	36.206	27.630	54.3	20.610	.0	1489.7	24787.4	2.7
1880.0	1860.7	2.259	2.128	34.605	27.645	36.301	27.634	54.0	20.719	.0	1489.9	25194.4	3.6
1900.0	1880.4	2.233	2.102	34.606	27.648	36.396	27.638	53.6	20.826	.0	1490.1	25603.5	1.9
1920.0	1900.1	2.208	2.075	34.609	27.653	36.492	27.642	53.2	20.933	.0	1490.3	26014.7	5.1
1940.0	1919.8	2.182	2.048	34.611	27.656	36.587	27.646	52.8	21.039	.0	1490.6	26428.0	-.7
1960.0	1939.5	2.156	2.020	34.613	27.660	36.683	27.649	52.4	21.144	.0	1490.8	26843.2	.5
1980.0	1959.2	2.138	2.001	34.614	27.663	36.776	27.652	52.2	21.249	.0	1491.0	27260.5	2.5
2000.0	1978.8	2.121	1.983	34.616	27.666	36.870	27.654	52.0	21.353	.0	1491.3	27679.9	2.0
2050.0	2028.0	2.078	1.936	34.620	27.673	37.104	27.661	51.4	21.612	.0	1492.0	28736.9	3.2
2096.0	2073.3	2.043	1.897	34.624	27.679	37.319	27.667	50.8	21.847	.0	1492.6	29720.4	.0

Station 101 Latitude 32° 01.21'N Longitude 127° 22.03'W 06 May 1991 GMT 6:53 Bottom 4190 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.795	15.795	33.190	24.403	24.403	24.403	351.7	.000	.0	1507.7	.0	.0
10.0	10.0	15.581	15.580	33.189	24.450	24.494	24.450	347.5	.351	.0	1507.2	1.8	267.8
20.0	19.9	15.145	15.142	33.174	24.534	24.623	24.534	339.7	.692	.0	1505.9	7.0	18.3
30.0	29.9	15.050	15.046	33.174	24.556	24.688	24.555	338.0	1.031	.0	1505.8	15.5	16.5
40.0	39.9	15.043	15.037	33.211	24.585	24.762	24.584	335.4	1.368	.0	1506.0	27.5	54.0
50.0	49.8	14.971	14.964	33.279	24.654	24.874	24.652	329.2	1.701	.0	1506.0	42.8	119.6
60.0	59.8	14.782	14.773	33.283	24.698	24.963	24.696	325.3	2.027	.0	1505.6	61.3	.4
70.0	69.7	14.784	14.773	33.304	24.715	25.024	24.712	324.0	2.352	.0	1505.8	83.1	6.9
80.0	79.7	14.748	14.737	33.302	24.721	25.074	24.718	323.7	2.676	.0	1505.8	108.2	23.9
90.0	89.7	14.977	14.963	33.390	24.740	25.137	24.737	322.3	2.998	.0	1506.8	136.4	23.9
100.0	99.6	14.925	14.910	33.431	24.783	25.224	24.780	318.4	3.319	.0	1506.9	167.9	70.5
110.0	109.6	13.798	13.782	33.272	24.897	25.385	24.894	307.6	3.635	.0	1503.2	202.5	201.7
120.0	119.5	13.130	13.113	33.254	25.018	25.552	25.015	296.2	3.936	.0	1501.1	240.2	114.1
130.0	129.5	11.884	11.868	33.233	25.242	25.823	25.239	275.0	4.222	.0	1497.0	280.8	173.3
140.0	139.4	11.507	11.490	33.305	25.368	25.995	25.365	263.1	4.491	.0	1495.9	324.2	201.6
150.0	149.4	10.711	10.693	33.269	25.482	26.156	25.479	252.3	4.746	.0	1493.2	370.2	97.2
160.0	159.3	10.173	10.155	33.279	25.583	26.304	25.580	242.7	4.992	.0	1491.4	418.6	44.7
170.0	169.3	9.764	9.745	33.344	25.701	26.469	25.698	231.6	5.230	.0	1490.2	469.5	210.9
180.0	179.2	9.460	9.440	33.472	25.852	26.666	25.849	217.4	5.453	.0	1489.4	522.6	15.3
190.0	189.2	9.334	9.313	33.575	25.952	26.812	25.949	208.0	5.667	.0	1489.2	577.9	92.9
200.0	199.1	9.089	9.068	33.652	26.053	26.958	26.049	198.6	5.870	.0	1488.5	635.2	73.8
210.0	209.1	8.979	8.957	33.712	26.116	27.067	26.113	192.8	6.067	.0	1488.4	694.6	113.0
220.0	219.0	8.830	8.807	33.786	26.198	27.195	26.194	185.1	6.255	.0	1488.1	755.8	50.7
230.0	228.9	8.731	8.707	33.829	26.248	27.290	26.244	180.6	6.437	.0	1487.9	818.9	40.4
240.0	238.9	8.596	8.571	33.892	26.318	27.406	26.314	174.1	6.615	.0	1487.7	883.7	100.4
250.0	248.8	8.486	8.460	33.933	26.367	27.500	26.363	169.6	6.787	.0	1487.5	950.3	35.4
260.0	258.7	8.393	8.367	33.960	26.403	27.582	26.398	166.3	6.954	.0	1487.3	1018.6	40.1
270.0	268.7	8.299	8.271	33.978	26.431	27.656	26.427	163.8	7.119	.0	1487.1	1088.5	41.2
280.0	278.6	8.108	8.079	33.993	26.472	27.743	26.467	160.0	7.281	.0	1486.6	1160.0	28.6
290.0	288.5	7.923	7.894	33.999	26.504	27.822	26.499	157.0	7.439	.0	1486.0	1233.1	28.0
300.0	298.5	7.826	7.796	33.999	26.518	27.882	26.514	155.8	7.595	.0	1485.8	1307.8	23.9
310.0	308.4	7.716	7.686	34.001	26.535	27.946	26.531	154.2	7.750	.0	1485.6	1384.0	30.3
320.0	318.3	7.533	7.502	34.002	26.563	28.019	26.558	151.7	7.903	.0	1485.0	1461.7	22.7
330.0	328.3	7.409	7.377	34.003	26.581	28.084	26.577	150.0	8.054	.0	1484.7	1540.9	8.3
340.0	338.2	7.235	7.203	34.006	26.608	28.158	26.603	147.6	8.204	.0	1484.2	1621.7	24.4
350.0	348.1	7.155	7.122	34.005	26.618	28.214	26.614	146.7	8.351	.0	1484.1	1703.8	17.6
360.0	358.0	7.031	6.998	34.007	26.637	28.279	26.632	144.9	8.497	.0	1483.7	1787.5	26.7
370.0	368.0	6.841	6.807	34.013	26.667	28.357	26.663	142.1	8.641	.0	1483.2	1872.6	24.9
380.0	377.9	6.735	6.700	34.014	26.683	28.419	26.678	140.7	8.782	.0	1482.9	1959.0	22.5
390.0	387.8	6.575	6.540	34.018	26.708	28.491	26.703	138.4	8.922	.0	1482.4	2046.9	31.0
400.0	397.8	6.475	6.440	34.024	26.726	28.555	26.721	136.7	9.059	.0	1482.2	2136.1	17.2
410.0	407.7	6.357	6.321	34.025	26.742	28.618	26.737	135.2	9.195	.0	1481.9	2226.7	31.3
420.0	417.6	6.207	6.170	34.035	26.769	28.692	26.764	132.7	9.330	.0	1481.5	2318.6	43.3
430.0	427.5	6.095	6.058	34.038	26.785	28.756	26.781	131.1	9.461	.0	1481.2	2411.9	16.3
440.0	437.5	5.898	5.860	34.040	26.811	28.829	26.807	128.6	9.591	.0	1480.6	2506.4	16.0
450.0	447.4	5.827	5.788	34.041	26.822	28.886	26.817	127.7	9.720	.0	1480.4	2602.2	10.1
460.0	457.3	5.718	5.679	34.046	26.839	28.950	26.834	126.1	9.847	.0	1480.2	2699.3	19.2
470.0	467.2	5.646	5.607	34.051	26.851	29.009	26.847	124.9	9.972	.0	1480.1	2797.6	16.2
480.0	477.1	5.520	5.480	34.066	26.879	29.084	26.874	122.3	10.095	.0	1479.7	2897.1	13.6
490.0	487.0	5.436	5.395	34.075	26.896	29.147	26.891	120.8	10.217	.0	1479.6	2997.9	8.0
500.0	497.0	5.373	5.332	34.085	26.911	29.209	26.906	119.4	10.337	.0	1479.5	3099.8	17.7
510.0	506.9	5.279	5.238	34.095	26.930	29.275	26.925	117.6	10.455	.0	1479.3	3202.9	16.8
520.0	516.8	5.247	5.205	34.115	26.950	29.341	26.945	115.8	10.572	.0	1479.3	3307.2	7.1
530.0	526.7	5.168	5.125	34.125	26.967	29.404	26.962	114.2	10.687	.0	1479.2	3412.6	2.7
540.0	536.6	5.238	5.194	34.155	26.983	29.466	26.978	112.9	10.801	.0	1479.7	3519.2	16.8
550.0	546.6	5.215	5.171	34.171	26.999	29.527	26.993	111.6	10.914	.0	1479.8	3626.8	24.7
560.0	556.5	5.010	4.966	34.158	27.012	29.589	27.007	110.1	11.024	.0	1479.1	3735.6	15.9
570.0	566.4	5.016	4.971	34.170	27.021	29.643	27.015	109.4	11.134	.0	1479.3	3845.4	7.1
580.0	576.3	4.818	4.773	34.167	27.041	29.712	27.035	107.4	11.242	.0	1478.6	3956.3	12.3
590.0	586.2	4.872	4.826	34.186	27.049	29.765	27.044	106.8	11.349	.0	1479.0	4068.3	9.4
600.0	596.1	4.863	4.816	34.200	27.062	29.824	27.056	105.7	11.456	.0	1479.2	4181.3	7.7
610.0	606.0	4.737	4.690	34.206	27.081	29.890	27.075	103.9	11.560	.0	1478.8	4295.4	-3.8
620.0	616.0	4.656	4.608	34.200	27.085	29.942	27.080	103.4	11.664	.0	1478.7	4410.5	2.7
630.0	625.9	4.624	4.575	34.199	27.088	29.991	27.082	103.2	11.767	.0	1478.7	4526.6	6.5
640.0	635.8	4.596	4.546	34.211	27.101	30.050	27.095	102.1	11.870	.0	1478.7	4643.8	8.2
650.0	645.7	4.906	4.855	34.272	27.115	30.104	27.109	101.4	11.972	.0	1480.3	4761.9	15.7
660.0	655.6	4.857	4.805	34.281	27.127	30.163	27.122	100.2	12.073	.0	1480.2	4881.0	7.7
670.0	665.5	4.804	4.751	34.285	27.137	30.219	27.131	99.4	12.172	.0	1480.2	5001.2	6.3
680.0	675.4	4.778	4.724	34.295	27.148	30.276	27.142	98.4	12.271	.0	1480.3	5122.3	15.7
690.0	685.3	4.660	4.606	34.298	27.163	30.339	27.157	96.8	12.369	.0	1479.9	5244.3	11.5
700.0	695.2	4.679	4.624	34.312	27.172	30.393	27.166	96.2	12.465	.0	1480.2	5367.3	8.3
710.0	705.1	4.672	4.616	34.316	27.176	30.443	27.170	95.9	12.562	.0	1480.4	5491.3	11.0
720.0	715.0	4.652	4.595	34.325	27.186	30.499	27.180	95.0	12.657	.0	1480.4	5616.2	12.4
730.0	724.9	4.608	4.551	34.334	27.198	30.557	27.192	94.0	12.752	.0	1480.4	5742.1	11.0
740.0	734.8	4.587	4.529	34.342	27.207	30.612	27.200	93.2	12.845	.0	1480.5	5868.8	4.2
750.0	744.8	4.541	4.483	34.351	27.219	30.671	27.212	92.1	12.938	.0	1480.5	5996.5	4.2
760.0	754.7	4.523	4.464	34.359	27.227	30.725	27.221	91.4	13.030	.0	1480.6	6125.1	8.6
770.0	764.6	4.482	4.423	34.368	27.239	30.783	27.233	90.3	13.121	.0	1480.6	6254.6	12.5
780.0	774.5	4.456	4.395	34.372	27.245	30.835	27.238	89.8	13.211	.0	1480.7	6385.0	13.3
790.0	784.4	4.423	4.361	34.380	27.255	30.892	27.249	88.9	13.300	.0	1480.7	6516.2	7.8
800.0	794.3	4.391	4.329	34.387	27.264	30.947	27.257	88.1	13.389	.0	1480.8	6648.3	7.2
810.0	804.2	4.371	4.308	34.390	27.269	30.998	27.262	87.7	13.476	.0	1480.8	6781.3	7.8
820.0	814.1	4.323	4.260	34.397	27.280	31.055	27.273	86.7	13.564	.0	1480.8	6915.2	5.7
830.0	824.0	4.287	4.223	34.403	27.288	31.110	27.281	86.0	13.650	.0	1480.8	7049.9	8.4
840.0	833.9	4.271	4.207	34.408	27.294	31.162	27.287	85.5	13.736	.0	1480.9	7185.4	9.0
850.0	843.8	4.252	4.187	34.413	27.300	31.213	27.293	85.0	13.821	.0	1481.0	7321.8	1.9
860.0	853.7	4.221	4.155	34.415	27.305	31.265	27.298	84.6	13.906	.0	1481.1	7459.1	9.8
870.0	863.6	4.190	4.124	34.420	27.312	31.319	27.305	83.9	13.990	.0	1481.1	7597.1	10.1
880.0	873.5	4.151	4.085	34.426	27.321	31.374	27.314	83.1	14.073	.0	1481.1	7736.0	-.4
890.0	883.3	4.127	4.060	34.430	27.326	31.425	27.319	82.6	14.156	.0	1481.2	7875.7	5.5
900.0	893.3	4.107	4.039	34.432	27.330	31.475	27.323	82.3	14.239	.0	1481.3	8016.2	8.1
910.0	903.1	4.072	4.004	34.435	27.336	31.528	27.329	81.8	14.321	.0	1481.3	8157.5	4.0
920.0	913.0	4.042	3.973	34.437	27.341	31.579	27.334	81.3	14.402	.0	1481.3	8299.6	7.5
930.0	922.9	4.008	3.938	34.440	27.347	31.632	27.340	80.8	14.483	.0	1481.4	8442.5	11.0
940.0	932.8	3.975	3.905	34.445	27.355	31.685	27.347	80.1	14.564	.0	1481.4	8586.2	10.2
950.0	942.7	3.940	3.868	34.451	27.363	31.740	27.355	79.4	14.643	.0	1481.4	8730.7	3.7
960.0	952.6	3.916	3.844	34.454	27.368	31.791	27.361	78.9	14.722	.0	1481.5	8875.9	3.1
970.0	962.5	3.897	3.824	34.458	27.373	31.842	27.366	78.5	14.801	.0	1481.6	9022.0	4.6
980.0	972.4	3.877	3.804	34.464	27.380	31.895	27.372	77.9	14.879	.0	1481.7	9168.8	8.4
990.0	982.3	3.858	3.785	34.467	27.384	31.945	27.376	77.6	14.957	.0	1481.8	9316.3	3.4

Station 101 Latitude 32° 01.21'N Longitude 127° 22.03'W 06 May 1991 GMT 6:53 Bottom 4190 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.837	3.762	34.470	27.389	31.996	27.381	77.1	15.035	.0	1481.8	9464.7	5.5
1020.0	1012.0	3.803	3.727	34.472	27.394	32.094	27.387	76.7	15.188	.0	1482.0	9763.6	6.4
1040.0	1031.7	3.747	3.670	34.476	27.403	32.195	27.396	75.9	15.340	.0	1482.1	10065.5	.8
1060.0	1051.5	3.703	3.625	34.480	27.411	32.295	27.403	75.3	15.492	.0	1482.3	10370.4	6.1
1080.0	1071.3	3.670	3.590	34.485	27.418	32.394	27.410	74.7	15.642	.0	1482.5	10678.2	7.0
1100.0	1091.1	3.629	3.548	34.491	27.427	32.495	27.419	73.9	15.790	.0	1482.6	10988.9	4.7
1120.0	1110.8	3.579	3.496	34.496	27.436	32.597	27.428	73.1	15.938	.0	1482.8	11302.6	5.6
1140.0	1130.6	3.534	3.450	34.501	27.444	32.698	27.436	72.4	16.083	.0	1482.9	11619.1	2.0
1160.0	1150.4	3.471	3.386	34.506	27.455	32.801	27.446	71.4	16.227	.0	1483.0	11938.4	5.0
1180.0	1170.1	3.427	3.342	34.510	27.462	32.901	27.454	70.7	16.369	.0	1483.1	12260.5	2.1
1200.0	1189.9	3.385	3.298	34.512	27.468	32.999	27.460	70.2	16.510	.0	1483.3	12585.4	4.4
1220.0	1209.7	3.361	3.273	34.514	27.472	33.095	27.464	69.9	16.650	.0	1483.5	12913.0	3.5
1240.0	1229.4	3.321	3.231	34.519	27.479	33.194	27.471	69.3	16.789	.0	1483.7	13243.4	1.2
1260.0	1249.2	3.284	3.193	34.522	27.486	33.292	27.477	68.8	16.928	.0	1483.9	13576.4	3.0
1280.0	1268.9	3.250	3.157	34.525	27.492	33.390	27.483	68.2	17.065	.0	1484.1	13912.2	3.0
1300.0	1288.7	3.216	3.123	34.529	27.498	33.489	27.489	67.7	17.201	.0	1484.2	14250.6	8.0
1320.0	1308.4	3.157	3.062	34.533	27.507	33.591	27.498	66.8	17.335	.0	1484.3	14591.7	7.1
1340.0	1328.2	3.126	3.030	34.535	27.511	33.687	27.502	66.4	17.468	.0	1484.5	14935.3	5.4
1360.0	1347.9	3.090	2.993	34.539	27.518	33.786	27.509	65.8	17.601	.0	1484.7	15281.6	6.5
1380.0	1367.7	3.047	2.949	34.543	27.525	33.885	27.516	65.2	17.732	.0	1484.9	15630.4	8.3
1400.0	1387.4	3.001	2.901	34.544	27.530	33.983	27.521	64.7	17.862	.0	1485.0	15981.7	5.1
1420.0	1407.2	2.976	2.875	34.546	27.534	34.078	27.525	64.4	17.990	.0	1485.2	16335.6	-.5
1440.0	1426.9	2.928	2.826	34.551	27.542	34.179	27.533	63.6	18.118	.0	1485.4	16692.0	4.8
1460.0	1446.6	2.891	2.787	34.554	27.548	34.277	27.539	63.1	18.245	.0	1485.5	17050.8	6.0
1480.0	1466.4	2.861	2.756	34.556	27.552	34.373	27.543	62.7	18.371	.0	1485.7	17412.1	4.6
1500.0	1486.1	2.830	2.724	34.558	27.557	34.470	27.548	62.3	18.496	.0	1486.0	17775.9	3.7
1520.0	1505.8	2.794	2.687	34.561	27.562	34.567	27.553	61.8	18.620	.0	1486.1	18142.1	-1.3
1540.0	1525.6	2.775	2.666	34.561	27.565	34.660	27.555	61.6	18.743	.0	1486.4	18510.6	.2
1560.0	1545.3	2.733	2.623	34.565	27.572	34.760	27.562	60.9	18.866	.0	1486.5	18881.6	2.3
1580.0	1565.0	2.712	2.601	34.567	27.575	34.855	27.565	60.6	18.987	.0	1486.8	19254.9	-.7
1600.0	1584.7	2.680	2.568	34.571	27.581	34.953	27.571	60.1	19.108	.0	1487.0	19630.6	7.0
1620.0	1604.4	2.650	2.536	34.572	27.585	35.049	27.575	59.7	19.228	.0	1487.2	20008.6	3.5
1640.0	1624.2	2.614	2.499	34.575	27.590	35.146	27.580	59.2	19.347	.0	1487.4	20389.0	.8
1660.0	1643.9	2.594	2.477	34.577	27.594	35.241	27.584	58.9	19.465	.0	1487.6	20771.6	.9
1680.0	1663.6	2.566	2.448	34.580	27.598	35.337	27.588	58.5	19.582	.0	1487.8	21156.5	1.2
1700.0	1683.3	2.537	2.418	34.581	27.602	35.432	27.592	58.2	19.699	.0	1488.1	21543.7	-.6
1720.0	1703.0	2.506	2.386	34.583	27.606	35.528	27.596	57.7	19.815	.0	1488.3	21933.2	1.2
1740.0	1722.7	2.480	2.358	34.585	27.610	35.624	27.600	57.4	19.930	.0	1488.5	22324.8	3.5
1760.0	1742.4	2.445	2.322	34.588	27.615	35.721	27.605	56.9	20.044	.0	1488.7	22718.7	.3
1780.0	1762.2	2.412	2.288	34.590	27.620	35.818	27.610	56.4	20.157	.0	1488.9	23114.8	3.3
1800.0	1781.9	2.392	2.266	34.592	27.624	35.912	27.613	56.1	20.269	.0	1489.1	23513.1	.4
1820.0	1801.6	2.365	2.238	34.595	27.628	36.009	27.618	55.7	20.381	.0	1489.3	23913.6	1.5
1840.0	1821.3	2.335	2.207	34.597	27.632	36.105	27.622	55.2	20.492	.0	1489.5	24316.2	1.0
1860.0	1841.0	2.310	2.181	34.599	27.636	36.200	27.625	54.9	20.602	.0	1489.8	24720.9	2.2
1880.0	1860.7	2.287	2.157	34.600	27.639	36.294	27.628	54.6	20.712	.0	1490.0	25127.8	1.9
1900.0	1880.3	2.264	2.132	34.603	27.643	36.389	27.632	54.2	20.821	.0	1490.2	25536.8	3.1
1920.0	1900.0	2.246	2.112	34.605	27.646	36.484	27.635	54.0	20.929	.0	1490.5	25947.9	2.2
1940.0	1919.7	2.224	2.089	34.607	27.649	36.578	27.638	53.7	21.037	.0	1490.7	26361.1	.2
1960.0	1939.4	2.203	2.066	34.609	27.653	36.673	27.642	53.3	21.144	.0	1491.0	26776.3	3.7
1980.0	1959.1	2.170	2.033	34.611	27.658	36.769	27.647	52.8	21.250	.0	1491.2	27193.6	.8
2000.0	1978.8	2.148	2.009	34.614	27.662	36.864	27.650	52.5	21.355	.0	1491.4	27612.9	2.8
2050.0	2028.0	2.099	1.957	34.618	27.669	37.099	27.657	51.8	21.616	.0	1492.1	28670.1	2.6
2096.0	2073.3	2.052	1.906	34.623	27.677	37.317	27.665	51.1	21.852	.0	1492.6	29653.8	.0

Station 102 Latitude 32° 10.54'N Longitude 127° 17.98'W 07 May 1991 GMT 9:22 Bottom 3900 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.674	15.674	33.190	24.430	24.430	24.430	349.1	.000	.0	1507.3	.0	.0
10.0	10.0	15.674	15.673	33.191	24.430	24.474	24.430	349.3	.349	.0	1507.5	1.7	-1.5
20.0	19.9	15.293	15.290	33.207	24.527	24.615	24.527	340.4	.696	.0	1506.4	7.0	28.3
30.0	29.9	15.322	15.318	33.229	24.539	24.671	24.538	339.6	1.036	.0	1506.7	15.6	8.1
40.0	39.9	15.126	15.120	33.204	24.562	24.739	24.561	337.7	1.375	.0	1506.2	27.6	-.7
50.0	49.8	15.092	15.085	33.230	24.590	24.811	24.589	335.3	1.711	.0	1506.3	43.0	4.3
60.0	59.8	15.201	15.192	33.318	24.634	24.899	24.632	331.4	2.045	.0	1506.9	61.7	31.5
70.0	69.7	15.292	15.282	33.385	24.666	24.975	24.664	328.7	2.375	.0	1507.5	83.7	59.4
80.0	79.7	15.300	15.288	33.457	24.721	25.073	24.718	323.8	2.701	.0	1507.7	109.0	22.5
90.0	89.7	15.349	15.336	33.496	24.740	25.137	24.737	322.3	3.024	.0	1508.1	137.5	7.3
100.0	99.6	15.399	15.384	33.554	24.774	25.215	24.771	319.4	3.345	.0	1508.5	169.2	105.7
110.0	109.6	14.231	14.215	33.364	24.879	25.366	24.876	309.5	3.659	.0	1504.7	204.1	260.7
120.0	119.5	12.963	12.947	33.285	25.075	25.609	25.072	290.8	3.957	.0	1500.6	242.0	149.2
130.0	129.5	11.718	11.701	33.187	25.237	25.819	25.235	275.3	4.238	.0	1496.3	282.8	118.2
140.0	139.4	10.877	10.861	33.249	25.437	26.066	25.434	256.4	4.505	.0	1493.6	326.3	213.8
150.0	149.4	10.465	10.447	33.339	25.580	26.254	25.576	243.0	4.753	.0	1492.4	372.4	82.8
160.0	159.3	10.007	9.989	33.354	25.669	26.390	25.666	234.5	4.992	.0	1490.9	420.9	135.7
170.0	169.3	9.494	9.476	33.418	25.804	26.572	25.801	221.8	5.220	.0	1489.3	471.7	139.5
180.0	179.2	9.272	9.252	33.471	25.881	26.695	25.878	214.6	5.437	.0	1488.7	524.6	101.4
190.0	189.2	9.115	9.095	33.599	26.007	26.867	26.003	202.8	5.646	.0	1488.4	579.7	121.5
200.0	199.1	9.085	9.064	33.713	26.101	27.006	26.097	194.1	5.845	.0	1488.6	636.9	137.4
210.0	209.0	8.979	8.957	33.754	26.150	27.100	26.146	189.6	6.036	.0	1488.4	695.9	19.4
220.0	219.0	8.877	8.854	33.841	26.234	27.230	26.230	181.8	6.222	.0	1488.3	756.8	46.3
230.0	228.9	8.813	8.789	33.874	26.270	27.312	26.266	178.5	6.403	.0	1488.3	819.6	-.6
240.0	238.9	8.735	8.710	33.917	26.316	27.404	26.313	174.3	6.580	.0	1488.2	884.1	22.9
250.0	248.8	8.627	8.601	33.963	26.369	27.502	26.365	169.4	6.751	.0	1488.0	950.3	26.1
260.0	258.7	8.493	8.467	33.974	26.398	27.576	26.394	166.8	6.919	.0	1487.7	1018.2	39.5
270.0	268.7	8.343	8.315	33.988	26.432	27.657	26.428	163.7	7.084	.0	1487.3	1087.8	20.2
280.0	278.6	8.171	8.143	33.994	26.463	27.734	26.459	160.8	7.246	.0	1486.8	1159.0	28.9
290.0	288.5	7.966	7.937	33.998	26.496	27.814	26.492	157.8	7.405	.0	1486.2	1231.7	6.3
300.0	298.5	7.844	7.814	34.000	26.516	27.880	26.512	156.0	7.562	.0	1485.9	1306.1	35.0
310.0	308.4	7.618	7.588	34.001	26.550	27.961	26.545	152.8	7.717	.0	1485.2	1381.9	8.0
320.0	318.3	7.528	7.497	34.000	26.562	28.019	26.558	151.8	7.869	.0	1485.0	1459.3	25.6
330.0	328.3	7.305	7.273	34.002	26.595	28.099	26.590	148.7	8.019	.0	1484.3	1538.2	20.0
340.0	338.2	7.227	7.195	34.001	26.605	28.155	26.601	147.8	8.167	.0	1484.2	1618.6	.9
350.0	348.1	7.215	7.182	34.001	26.607	28.203	26.602	147.8	8.315	.0	1484.3	1700.4	6.2
360.0	358.0	7.045	7.011	34.007	26.635	28.277	26.630	145.2	8.462	.0	1483.8	1783.7	15.6
370.0	368.0	6.952	6.918	34.008	26.649	28.338	26.644	143.9	8.606	.0	1483.6	1868.4	13.5
380.0	377.9	6.733	6.698	34.016	26.685	28.421	26.680	140.5	8.748	.0	1482.9	1954.5	29.6
390.0	387.8	6.585	6.550	34.020	26.708	28.491	26.703	138.4	8.887	.0	1482.5	2042.1	4.4
400.0	397.8	6.427	6.391	34.025	26.733	28.563	26.728	136.0	9.025	.0	1482.0	2131.0	25.1
410.0	407.7	6.304	6.267	34.029	26.752	28.629	26.747	134.2	9.160	.0	1481.7	2221.2	13.7
420.0	417.6	6.181	6.144	34.035	26.772	28.696	26.768	132.3	9.293	.0	1481.4	2312.8	2.2
430.0	427.5	6.092	6.055	34.038	26.785	28.756	26.781	131.1	9.425	.0	1481.2	2405.6	-3.9
440.0	437.4	5.945	5.907	34.039	26.805	28.823	26.801	129.2	9.555	.0	1480.8	2499.8	34.4
450.0	447.4	5.768	5.730	34.043	26.830	28.895	26.825	126.8	9.683	.0	1480.2	2595.3	25.0
460.0	457.3	5.680	5.642	34.043	26.841	28.953	26.837	125.8	9.810	.0	1480.0	2692.0	33.5
470.0	467.2	5.573	5.534	34.054	26.862	29.021	26.858	123.8	9.934	.0	1479.8	2789.9	30.9
480.0	477.1	5.438	5.399	34.072	26.893	29.099	26.888	120.9	10.057	.0	1479.4	2889.1	18.5
490.0	487.0	5.402	5.362	34.077	26.902	29.154	26.897	120.2	10.177	.0	1479.4	2989.4	13.8
500.0	497.0	5.290	5.249	34.096	26.930	29.229	26.925	117.5	10.296	.0	1479.2	3090.9	22.6
510.0	506.9	5.245	5.204	34.105	26.942	29.287	26.937	116.4	10.413	.0	1479.2	3193.6	6.2
520.0	516.8	5.237	5.195	34.107	26.945	29.336	26.940	116.3	10.530	.0	1479.3	3297.5	13.0
530.0	526.7	5.223	5.180	34.127	26.962	29.399	26.958	114.7	10.645	.0	1479.4	3402.5	18.8
540.0	536.6	5.172	5.128	34.137	26.976	29.460	26.971	113.5	10.759	.0	1479.4	3508.6	3.0
550.0	546.5	5.165	5.120	34.151	26.989	29.518	26.983	112.4	10.872	.0	1479.5	3615.9	11.5
560.0	556.5	5.139	5.094	34.170	27.007	29.581	27.001	110.8	10.983	.0	1479.6	3724.2	3.6
570.0	566.4	5.014	4.968	34.173	27.023	29.646	27.018	109.2	11.094	.0	1479.3	3833.7	6.2
580.0	576.3	4.981	4.935	34.172	27.027	29.695	27.021	109.0	11.203	.0	1479.3	3944.2	-1.7
590.0	586.2	4.892	4.845	34.172	27.037	29.753	27.032	108.0	11.311	.0	1479.1	4055.8	20.6
600.0	596.1	4.999	4.951	34.205	27.051	29.811	27.045	106.9	11.419	.0	1479.7	4168.4	36.1
610.0	606.0	4.928	4.880	34.221	27.072	29.878	27.066	105.0	11.524	.0	1479.6	4282.1	19.1
620.0	615.9	4.810	4.761	34.218	27.083	29.937	27.077	103.9	11.629	.0	1479.3	4396.9	13.5
630.0	625.8	4.821	4.771	34.237	27.097	29.996	27.091	102.7	11.732	.0	1479.5	4512.6	10.3
640.0	635.8	4.781	4.731	34.252	27.113	30.059	27.107	101.2	11.835	.0	1479.6	4629.4	20.6
650.0	645.7	4.776	4.725	34.253	27.115	30.106	27.109	101.2	11.936	.0	1479.7	4747.2	8.9
660.0	655.6	4.713	4.662	34.261	27.127	30.166	27.122	100.0	12.036	.0	1479.6	4866.0	22.4
670.0	665.5	4.673	4.620	34.273	27.142	30.226	27.136	98.7	12.135	.0	1479.6	4985.7	17.7
680.0	675.4	4.699	4.646	34.298	27.158	30.288	27.153	97.3	12.233	.0	1479.9	5106.5	8.9
690.0	685.3	4.665	4.610	34.305	27.168	30.344	27.162	96.4	12.330	.0	1480.0	5228.1	16.2
700.0	695.2	4.635	4.581	34.318	27.182	30.404	27.176	95.2	12.426	.0	1480.0	5350.8	5.7
710.0	705.1	4.619	4.563	34.318	27.184	30.452	27.178	95.1	12.521	.0	1480.1	5474.3	15.4
720.0	715.0	4.576	4.521	34.330	27.198	30.512	27.191	93.8	12.615	.0	1480.1	5598.8	12.4
730.0	724.9	4.560	4.504	34.339	27.207	30.567	27.201	93.0	12.709	.0	1480.2	5724.2	6.9
740.0	734.8	4.559	4.502	34.347	27.214	30.620	27.208	92.5	12.801	.0	1480.4	5850.6	2.5
750.0	744.7	4.512	4.454	34.358	27.228	30.680	27.221	91.2	12.893	.0	1480.4	5977.8	14.2
760.0	754.6	4.490	4.432	34.361	27.233	30.731	27.226	90.8	12.984	.0	1480.5	6106.0	6.3
770.0	764.5	4.462	4.402	34.365	27.239	30.783	27.232	90.3	13.075	.0	1480.5	6235.0	10.7
780.0	774.4	4.422	4.362	34.372	27.248	30.839	27.242	89.4	13.165	.0	1480.5	6364.9	9.5
790.0	784.3	4.385	4.324	34.375	27.255	30.893	27.249	88.8	13.254	.0	1480.6	6495.7	1.3
800.0	794.3	4.373	4.311	34.377	27.258	30.941	27.251	88.6	13.342	.0	1480.7	6627.4	4.0
810.0	804.2	4.353	4.290	34.383	27.265	30.994	27.258	88.0	13.431	.0	1480.8	6759.9	5.7
820.0	814.0	4.337	4.274	34.385	27.268	31.044	27.262	87.8	13.519	.0	1480.9	6893.3	-.4
830.0	824.0	4.319	4.255	34.389	27.273	31.095	27.267	87.4	13.606	.0	1481.0	7027.6	9.8
840.0	833.8	4.300	4.235	34.393	27.278	31.146	27.272	87.0	13.693	.0	1481.0	7162.7	11.3
850.0	843.8	4.268	4.203	34.396	27.284	31.198	27.277	86.5	13.780	.0	1481.1	7298.7	3.4
860.0	853.7	4.244	4.178	34.400	27.290	31.250	27.283	86.0	13.866	.0	1481.1	7435.5	4.0
870.0	863.5	4.218	4.151	34.407	27.299	31.305	27.292	85.2	13.952	.0	1481.2	7573.2	1.1
880.0	873.4	4.193	4.126	34.410	27.303	31.355	27.296	84.8	14.037	.0	1481.3	7711.7	7.5
890.0	883.3	4.169	4.102	34.412	27.308	31.406	27.301	84.4	14.122	.0	1481.3	7851.0	4.0
900.0	893.2	4.150	4.082	34.415	27.313	31.457	27.305	84.1	14.206	.0	1481.4	7991.2	1.7
910.0	903.1	4.102	4.033	34.421	27.322	31.513	27.315	83.1	14.290	.0	1481.4	8132.2	7.5
920.0	913.0	4.089	4.020	34.424	27.326	31.563	27.319	82.9	14.373	.0	1481.5	8274.0	5.8
930.0	922.9	4.078	4.008	34.429	27.331	31.614	27.324	82.5	14.455	.0	1481.6	8416.6	2.3
940.0	932.8	4.064	3.993	34.431	27.334	31.663	27.327	82.2	14.538	.0	1481.8	8560.1	5.5
950.0	942.7	4.029	3.958	34.438	27.343	31.718	27.336	81.4	14.619	.0	1481.8	8704.3	4.6
960.0	952.6	3.978	3.906	34.443	27.352	31.774	27.345	80.5	14.700	.0	1481.7	8849.3	7.5
970.0	962.5	3.962	3.889	34.444	27.355	31.823	27.348	80.3	14.781	.0	1481.8	8995.1	4.0
980.0	972.4	3.948	3.875	34.446	27.359	31.872	27.351	80.0	14.861	.0	1481.9	9141.7	8.7
990.0	982.3	3.912	3.838	34.451	27.366	31.926	27.359	79.3	14.940	.0	1482.0	9289.1	4.3

Station 102 Latitude 32° 10.54'N Longitude 127° 17.98'W 07 May 1991 GMT 9:22 Bottom 3900 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.876	3.801	34.456	27.374	31.980	27.366	78.6	15.019	.0	1482.0	9437.3	5.5
1020.0	1012.0	3.829	3.753	34.464	27.385	32.084	27.377	77.7	15.175	.0	1482.1	9735.9	4.9
1040.0	1031.7	3.788	3.711	34.469	27.393	32.184	27.386	76.9	15.330	.0	1482.3	10037.6	2.9
1060.0	1051.5	3.740	3.661	34.477	27.404	32.288	27.397	76.0	15.483	.0	1482.4	10342.3	2.3
1080.0	1071.3	3.703	3.623	34.482	27.413	32.388	27.404	75.3	15.634	.0	1482.6	10650.0	1.7
1100.0	1091.1	3.661	3.580	34.484	27.418	32.486	27.410	74.8	15.785	.0	1482.8	10960.6	.9
1120.0	1110.8	3.607	3.524	34.491	27.429	32.589	27.421	73.8	15.933	.0	1482.9	11274.1	3.2
1140.0	1130.6	3.571	3.487	34.494	27.436	32.688	27.427	73.3	16.080	.0	1483.1	11590.6	7.6
1160.0	1150.3	3.507	3.422	34.499	27.446	32.791	27.437	72.3	16.226	.0	1483.1	11909.9	7.6
1180.0	1170.1	3.445	3.359	34.504	27.456	32.894	27.447	71.4	16.370	.0	1483.2	12232.0	2.9
1200.0	1189.9	3.394	3.307	34.506	27.462	32.993	27.454	70.8	16.512	.0	1483.3	12556.9	6.2
1220.0	1209.6	3.342	3.254	34.512	27.472	33.095	27.464	69.9	16.653	.0	1483.4	12884.6	7.1
1240.0	1229.4	3.304	3.215	34.516	27.479	33.194	27.470	69.3	16.792	.0	1483.6	13215.0	2.4
1260.0	1249.2	3.256	3.165	34.519	27.486	33.293	27.477	68.7	16.930	.0	1483.7	13548.1	.0
1280.0	1268.9	3.213	3.121	34.523	27.493	33.394	27.485	67.9	17.067	.0	1483.9	13883.9	5.9
1300.0	1288.7	3.178	3.085	34.525	27.498	33.490	27.490	67.5	17.202	.0	1484.1	14222.3	.9
1320.0	1308.4	3.150	3.055	34.528	27.503	33.587	27.494	67.1	17.337	.0	1484.3	14563.4	3.6
1340.0	1328.2	3.112	3.016	34.531	27.509	33.685	27.500	66.6	17.470	.0	1484.5	14907.1	4.5
1360.0	1347.9	3.065	2.968	34.534	27.516	33.785	27.507	65.9	17.603	.0	1484.6	15253.4	1.6
1380.0	1367.7	3.032	2.933	34.538	27.522	33.883	27.513	65.4	17.734	.0	1484.8	15602.2	2.5
1400.0	1387.4	3.007	2.908	34.541	27.527	33.979	27.518	65.0	17.865	.0	1485.0	15953.6	4.5
1420.0	1407.1	2.961	2.860	34.545	27.534	34.079	27.525	64.3	17.994	.0	1485.2	16307.6	-.5
1440.0	1426.9	2.931	2.829	34.547	27.539	34.175	27.530	63.9	18.122	.0	1485.4	16664.0	5.4
1460.0	1446.6	2.894	2.790	34.550	27.545	34.274	27.536	63.3	18.249	.0	1485.6	17022.9	6.9
1480.0	1466.3	2.870	2.765	34.554	27.550	34.371	27.541	62.9	18.375	.0	1485.8	17384.3	5.1
1500.0	1486.1	2.827	2.721	34.557	27.556	34.469	27.547	62.3	18.500	.0	1485.9	17748.1	1.3
1520.0	1505.8	2.781	2.674	34.559	27.562	34.567	27.552	61.7	18.625	.0	1486.1	18114.4	3.1
1540.0	1525.5	2.754	2.646	34.561	27.567	34.664	27.557	61.3	18.747	.0	1486.3	18483.0	2.2
1560.0	1545.3	2.718	2.608	34.565	27.573	34.762	27.563	60.7	18.869	.0	1486.5	18854.1	3.1
1580.0	1565.0	2.689	2.578	34.568	27.578	34.859	27.568	60.3	18.991	.0	1486.7	19227.5	6.1
1600.0	1584.7	2.664	2.552	34.570	27.581	34.954	27.572	60.0	19.111	.0	1486.9	19603.2	-.4
1620.0	1604.4	2.645	2.531	34.571	27.584	35.048	27.574	59.8	19.231	.0	1487.2	19981.3	3.2
1640.0	1624.2	2.620	2.505	34.573	27.588	35.143	27.578	59.4	19.350	.0	1487.4	20361.7	3.8
1660.0	1643.9	2.579	2.462	34.576	27.594	35.242	27.584	58.8	19.468	.0	1487.6	20744.4	2.0
1680.0	1663.6	2.554	2.437	34.578	27.598	35.337	27.588	58.5	19.585	.0	1487.8	21129.3	5.8
1700.0	1683.3	2.521	2.402	34.582	27.604	35.435	27.594	57.9	19.701	.0	1488.0	21516.6	3.8
1720.0	1703.0	2.474	2.354	34.585	27.611	35.535	27.601	57.2	19.817	.0	1488.1	21906.1	3.8
1740.0	1722.7	2.440	2.319	34.588	27.616	35.631	27.605	56.7	19.931	.0	1488.3	22297.8	3.5
1760.0	1742.4	2.415	2.292	34.590	27.619	35.726	27.609	56.4	20.043	.0	1488.5	22691.6	3.3
1780.0	1762.1	2.379	2.256	34.593	27.625	35.824	27.615	55.8	20.155	.0	1488.7	23087.7	3.6
1800.0	1781.8	2.357	2.232	34.595	27.629	35.919	27.618	55.5	20.267	.0	1489.0	23486.0	-.2
1820.0	1801.5	2.329	2.203	34.598	27.633	36.015	27.623	55.0	20.377	.0	1489.2	23886.3	1.8
1840.0	1821.2	2.307	2.180	34.598	27.635	36.109	27.625	54.8	20.487	.0	1489.4	24288.8	1.8
1860.0	1840.9	2.275	2.146	34.603	27.642	36.207	27.631	54.2	20.596	.0	1489.6	24693.5	1.0
1880.0	1860.6	2.262	2.131	34.603	27.643	36.300	27.633	54.1	20.705	.0	1489.9	25100.2	1.6
1900.0	1880.3	2.224	2.092	34.606	27.649	36.397	27.638	53.5	20.812	.0	1490.1	25509.0	-.2
1920.0	1900.0	2.189	2.056	34.609	27.654	36.494	27.643	53.0	20.919	.0	1490.3	25919.9	.4
1940.0	1919.7	2.163	2.029	34.612	27.658	36.590	27.648	52.6	21.024	.0	1490.5	26332.9	-.7
1960.0	1939.4	2.148	2.012	34.613	27.661	36.684	27.650	52.3	21.129	.0	1490.8	26747.8	.7
1980.0	1959.1	2.129	1.992	34.615	27.664	36.778	27.653	52.1	21.233	.0	1491.0	27164.8	2.5
2000.0	1978.8	2.113	1.974	34.616	27.666	36.871	27.655	51.9	21.337	.0	1491.3	27583.8	1.4
2050.0	2028.0	2.067	1.925	34.620	27.674	37.106	27.662	51.2	21.595	.0	1491.9	28640.1	3.7
2094.0	2071.3	2.042	1.897	34.624	27.679	37.310	27.667	50.8	21.819	.0	1492.6	29579.7	.0

Station 103 Latitude 32° 13.74'N Longitude 127° 16.22'W 07 May 1991 GMT 11:25 Bottom 2490 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m³	Sigma-z kg/m³	Sigma-t kg/m³	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
.0	.0	15.706	15.706	33.205	24.434	24.434	24.434	348.7	.000	.0	1507.4	.0	.0
10.0	10.0	15.717	15.716	33.208	24.434	24.479	24.434	348.9	.349	.0	1507.6	1.7	.8
20.0	19.9	15.210	15.207	33.192	24.534	24.622	24.533	339.8	.692	.0	1506.2	6.9	11.3
30.0	29.9	15.110	15.105	33.182	24.548	24.681	24.547	338.7	1.031	.0	1506.0	15.5	7.8
40.0	39.9	15.052	15.046	33.175	24.556	24.733	24.555	338.2	1.369	.0	1506.0	27.5	5.4
50.0	49.8	15.349	15.341	33.383	24.652	24.873	24.650	329.4	1.704	.0	1507.3	42.8	57.6
60.0	59.8	15.351	15.342	33.439	24.695	24.959	24.693	325.7	2.032	.0	1507.6	61.4	52.9
70.0	69.7	14.958	14.947	33.372	24.729	25.038	24.727	322.7	2.356	.0	1506.4	83.2	27.7
80.0	79.7	14.615	14.603	33.304	24.751	25.104	24.748	320.9	2.678	.0	1505.4	108.3	19.4
90.0	89.7	14.594	14.581	33.330	24.775	25.173	24.773	318.8	2.998	.0	1505.5	136.6	76.0
100.0	99.6	14.249	14.235	33.305	24.829	25.272	24.826	313.9	3.314	.0	1504.5	168.0	67.1
110.0	109.6	13.529	13.514	33.251	24.936	25.424	24.933	303.9	3.622	.0	1502.2	202.5	38.6
120.0	119.5	12.046	12.031	33.200	25.186	25.722	25.183	280.1	3.915	.0	1497.3	240.1	275.2
130.0	129.5	10.865	10.850	33.158	25.368	25.952	25.366	262.7	4.186	.0	1493.3	280.4	96.6
140.0	139.4	10.574	10.557	33.196	25.449	26.079	25.446	255.1	4.445	.0	1492.4	323.3	108.9
150.0	149.4	10.111	10.094	33.288	25.600	26.276	25.597	240.9	4.692	.0	1491.0	368.8	105.3
160.0	159.3	9.673	9.656	33.360	25.729	26.452	25.726	228.7	4.927	.0	1489.7	416.7	129.5
170.0	169.3	9.300	9.282	33.440	25.853	26.622	25.850	217.1	5.151	.0	1488.6	466.8	163.4
180.0	179.2	9.111	9.092	33.546	25.966	26.781	25.963	206.5	5.363	.0	1488.2	519.1	90.8
190.0	189.1	9.007	8.986	33.666	26.076	26.937	26.073	196.2	5.564	.0	1488.1	573.4	60.3
200.0	199.1	9.044	9.023	33.782	26.161	27.066	26.158	188.4	5.756	.0	1488.5	629.6	92.6
210.0	209.0	8.841	8.819	33.830	26.231	27.182	26.227	181.9	5.940	.0	1488.0	687.8	36.6
220.0	219.0	8.767	8.744	33.906	26.302	27.299	26.299	175.3	6.120	.0	1488.0	747.7	51.2
230.0	228.9	8.750	8.726	33.929	26.323	27.365	26.319	173.5	6.294	.0	1488.1	809.4	25.5
240.0	238.9	8.653	8.628	33.964	26.365	27.453	26.361	169.6	6.466	.0	1488.0	872.8	32.2
250.0	248.8	8.453	8.427	33.983	26.411	27.545	26.407	165.3	6.634	.0	1487.4	937.9	42.7
260.0	258.7	8.280	8.253	33.990	26.443	27.623	26.439	162.4	6.798	.0	1486.9	1004.6	36.0
270.0	268.6	8.177	8.150	33.993	26.461	27.687	26.457	160.8	6.959	.0	1486.7	1072.9	32.1
280.0	278.6	8.040	8.012	33.996	26.484	27.756	26.480	158.8	7.119	.0	1486.3	1142.8	48.8
290.0	288.5	7.951	7.922	33.999	26.500	27.817	26.495	157.4	7.277	.0	1486.2	1214.3	9.3
300.0	298.5	7.802	7.773	34.000	26.522	27.886	26.518	155.4	7.433	.0	1485.7	1287.4	8.9
310.0	308.4	7.610	7.580	34.002	26.552	27.963	26.548	152.6	7.588	.0	1485.2	1362.0	20.6
320.0	318.3	7.437	7.406	34.003	26.577	28.035	26.573	150.3	7.739	.0	1484.7	1438.1	11.8
330.0	328.2	7.253	7.222	34.003	26.603	28.108	26.599	147.9	7.888	.0	1484.1	1515.7	1.8
340.0	338.2	7.119	7.087	34.005	26.623	28.174	26.619	146.0	8.035	.0	1483.7	1594.7	31.7
350.0	348.1	6.918	6.886	34.005	26.650	28.249	26.646	143.4	8.180	.0	1483.1	1675.2	22.3
360.0	358.0	6.791	6.758	34.007	26.670	28.315	26.665	141.6	8.322	.0	1482.8	1757.1	12.3
370.0	368.0	6.611	6.578	34.014	26.699	28.391	26.694	138.9	8.462	.0	1482.2	1840.4	31.6
380.0	377.9	6.500	6.466	34.017	26.716	28.454	26.712	137.3	8.600	.0	1482.0	1925.1	2.9
390.0	387.8	6.383	6.348	34.026	26.738	28.523	26.734	135.3	8.737	.0	1481.7	2011.2	31.3
400.0	397.7	6.275	6.240	34.034	26.759	28.591	26.754	133.4	8.871	.0	1481.4	2098.6	16.9
410.0	407.6	6.145	6.109	34.034	26.775	28.654	26.771	131.8	9.004	.0	1481.1	2187.2	38.3
420.0	417.6	6.024	5.988	34.040	26.796	28.721	26.791	129.9	9.134	.0	1480.8	2277.2	28.0
430.0	427.5	5.852	5.816	34.035	26.813	28.786	26.809	128.2	9.263	.0	1480.2	2368.5	5.4
440.0	437.4	5.737	5.700	34.036	26.828	28.848	26.824	126.8	9.391	.0	1479.9	2461.1	30.9
450.0	447.3	5.620	5.583	34.042	26.848	28.914	26.843	125.0	9.517	.0	1479.6	2554.9	28.5
460.0	457.3	5.535	5.497	34.057	26.869	28.983	26.865	123.0	9.641	.0	1479.4	2649.9	12.7
470.0	467.2	5.490	5.451	34.063	26.880	29.040	26.875	122.1	9.763	.0	1479.4	2746.2	6.8
480.0	477.1	5.390	5.351	34.070	26.897	29.104	26.893	120.5	9.884	.0	1479.2	2843.6	10.0
490.0	487.0	5.352	5.312	34.076	26.906	29.159	26.902	119.7	10.005	.0	1479.2	2942.3	15.6
500.0	496.9	5.256	5.215	34.083	26.923	29.222	26.918	118.1	10.123	.0	1479.0	3042.1	11.8
510.0	506.9	5.247	5.206	34.097	26.935	29.281	26.931	117.1	10.241	.0	1479.1	3143.1	15.0
520.0	516.8	5.188	5.146	34.105	26.949	29.340	26.944	115.9	10.357	.0	1479.1	3245.2	19.4
530.0	526.7	5.145	5.103	34.109	26.957	29.395	26.952	115.2	10.473	.0	1479.1	3348.5	16.8
540.0	536.6	5.078	5.035	34.116	26.971	29.455	26.966	113.9	10.587	.0	1479.0	3452.9	3.0
550.0	546.5	5.040	4.996	34.123	26.981	29.512	26.976	113.0	10.700	.0	1479.0	3558.4	13.2
560.0	556.4	4.972	4.927	34.135	26.998	29.575	26.993	111.4	10.813	.0	1478.9	3665.1	20.6
570.0	566.4	4.898	4.853	34.139	27.009	29.633	27.004	110.4	10.923	.0	1478.8	3772.9	11.2
580.0	576.3	4.851	4.805	34.148	27.022	29.692	27.017	109.2	11.033	.0	1478.7	3881.7	4.7
590.0	586.2	4.819	4.773	34.155	27.031	29.748	27.026	108.4	11.142	.0	1478.8	3991.6	8.0
600.0	596.1	4.811	4.764	34.175	27.048	29.811	27.043	106.9	11.249	.0	1478.9	4102.6	32.9
610.0	606.0	4.807	4.759	34.190	27.060	29.869	27.055	105.9	11.356	.0	1479.1	4214.6	8.0
620.0	615.9	4.763	4.714	34.201	27.074	29.929	27.069	104.6	11.461	.0	1479.1	4327.7	9.7
630.0	625.8	4.746	4.697	34.215	27.087	29.988	27.082	103.5	11.565	.0	1479.2	4441.8	11.2
640.0	635.7	4.694	4.644	34.224	27.101	30.048	27.095	102.3	11.668	.0	1479.2	4556.9	4.2
650.0	645.7	4.715	4.664	34.237	27.108	30.101	27.102	101.7	11.770	.0	1479.4	4673.0	10.0
660.0	655.6	4.668	4.617	34.242	27.117	30.156	27.112	100.8	11.871	.0	1479.4	4790.2	1.8
670.0	665.5	4.655	4.603	34.250	27.125	30.210	27.119	100.2	11.972	.0	1479.5	4908.3	18.2
680.0	675.4	4.622	4.569	34.260	27.137	30.268	27.131	99.2	12.071	.0	1479.6	5027.4	.7
690.0	685.3	4.638	4.584	34.276	27.148	30.324	27.142	98.3	12.170	.0	1479.8	5147.5	12.4
700.0	695.2	4.636	4.581	34.293	27.162	30.384	27.156	97.1	12.268	.0	1480.0	5268.5	7.4
710.0	705.1	4.621	4.566	34.300	27.170	30.438	27.163	96.4	12.364	.0	1480.1	5390.5	7.4
720.0	715.0	4.596	4.540	34.308	27.178	30.492	27.172	95.7	12.460	.0	1480.2	5513.5	2.5
730.0	724.9	4.558	4.502	34.314	27.188	30.548	27.181	94.8	12.556	.0	1480.2	5637.4	16.5
740.0	734.8	4.532	4.475	34.321	27.196	30.603	27.190	94.1	12.650	.0	1480.3	5762.2	10.4
750.0	744.7	4.502	4.444	34.327	27.204	30.657	27.198	93.4	12.744	.0	1480.3	5888.0	12.4
760.0	754.6	4.484	4.425	34.334	27.212	30.711	27.205	92.8	12.837	.0	1480.4	6014.7	10.4
770.0	764.5	4.465	4.405	34.339	27.218	30.763	27.211	92.3	12.929	.0	1480.5	6142.2	8.9
780.0	774.4	4.336	4.277	34.331	27.225	30.818	27.219	91.4	13.021	.0	1480.1	6270.7	6.9
790.0	784.3	4.369	4.308	34.346	27.233	30.872	27.227	90.8	13.113	.0	1480.4	6400.1	7.5
800.0	794.2	4.359	4.297	34.356	27.243	30.927	27.236	90.0	13.203	.0	1480.6	6530.4	14.5
810.0	804.1	4.312	4.250	34.367	27.257	30.987	27.250	88.7	13.292	.0	1480.6	6661.6	11.0
820.0	814.0	4.312	4.249	34.374	27.262	31.038	27.255	88.3	13.381	.0	1480.7	6793.6	5.1
830.0	823.9	4.272	4.208	34.384	27.275	31.097	27.268	87.2	13.469	.0	1480.8	6926.5	23.3
840.0	833.8	4.235	4.172	34.393	27.285	31.154	27.279	86.2	13.555	.0	1480.8	7060.3	10.1
850.0	843.7	4.163	4.099	34.398	27.297	31.213	27.291	85.0	13.641	.0	1480.6	7194.9	6.9
860.0	853.6	4.161	4.096	34.406	27.304	31.265	27.297	84.5	13.726	.0	1480.8	7330.3	6.3
870.0	863.5	4.143	4.077	34.409	27.308	31.315	27.301	84.2	13.810	.0	1480.9	7466.6	2.5
880.0	873.4	4.108	4.041	34.417	27.318	31.372	27.311	83.3	13.894	.0	1480.9	7603.7	7.5
890.0	883.3	4.077	4.010	34.425	27.328	31.428	27.321	82.4	13.976	.0	1481.0	7741.6	12.2
900.0	893.2	4.065	3.997	34.427	27.331	31.477	27.324	82.1	14.059	.0	1481.1	7880.3	3.4
910.0	903.1	4.040	3.971	34.433	27.338	31.530	27.331	81.5	14.141	.0	1481.2	8019.8	1.1
920.0	913.0	4.030	3.961	34.436	27.341	31.580	27.334	81.3	14.222	.0	1481.3	8160.1	7.2
930.0	922.9	4.003	3.933	34.442	27.350	31.634	27.342	80.5	14.303	.0	1481.3	8301.3	9.3
940.0	932.8	3.981	3.911	34.445	27.354	31.685	27.347	80.2	14.383	.0	1481.4	8443.2	9.9
950.0	942.7	3.957	3.885	34.447	27.358	31.735	27.351	79.8	14.463	.0	1481.5	8585.9	6.9
960.0	952.6	3.934	3.862	34.452	27.364	31.787	27.357	79.3	14.543	.0	1481.6	8729.4	2.8
970.0	962.5	3.901	3.829	34.452	27.368	31.837	27.360	79.0	14.622	.0	1481.6	8873.6	2.6
980.0	972.4	3.873	3.800	34.456	27.374	31.889	27.366	78.5	14.701	.0	1481.6	9018.6	3.4
990.0	982.3	3.842	3.769	34.459	27.380	31.942	27.372	77.9	14.779	.0	1481.7	9164.4	7.2

Station 103 Latitude 32° 13.74'N Longitude 127° 16.22'W 07 May 1991 GMT 11:25 Bottom 2490 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.820	3.745	34.463	27.385	31.993	27.377	77.5	14.857	.0	1481.8	9311.0	6.1
1020.0	1011.9	3.798	3.722	34.467	27.391	32.091	27.383	77.0	15.011	.0	1482.0	9606.4	2.6
1040.0	1031.7	3.747	3.670	34.475	27.402	32.194	27.394	76.0	15.164	.0	1482.1	9904.8	5.5
1060.0	1051.5	3.690	3.612	34.479	27.412	32.296	27.404	75.2	15.315	.0	1482.2	10206.2	2.9
1080.0	1071.3	3.618	3.539	34.484	27.422	32.400	27.414	74.2	15.465	.0	1482.3	10510.5	.0
1100.0	1091.0	3.578	3.498	34.489	27.430	32.500	27.423	73.5	15.612	.0	1482.4	10817.7	4.9
1120.0	1110.8	3.539	3.457	34.493	27.437	32.599	27.429	72.9	15.759	.0	1482.6	11127.8	7.9
1140.0	1130.6	3.490	3.407	34.498	27.446	32.701	27.438	72.1	15.904	.0	1482.7	11440.8	2.0
1160.0	1150.3	3.441	3.357	34.502	27.454	32.801	27.446	71.3	16.047	.0	1482.9	11756.6	.0
1180.0	1170.1	3.406	3.320	34.505	27.460	32.899	27.452	70.9	16.190	.0	1483.0	12075.1	6.2
1200.0	1189.9	3.359	3.272	34.510	27.469	33.000	27.461	70.1	16.330	.0	1483.2	12396.5	5.3
1220.0	1209.6	3.308	3.220	34.513	27.476	33.100	27.468	69.4	16.470	.0	1483.3	12720.5	3.8
1240.0	1229.4	3.266	3.177	34.517	27.483	33.200	27.475	68.7	16.608	.0	1483.5	13047.3	1.2
1260.0	1249.1	3.241	3.150	34.520	27.488	33.297	27.480	68.3	16.746	.0	1483.7	13376.8	3.0
1280.0	1268.9	3.181	3.090	34.526	27.498	33.399	27.490	67.4	16.881	.0	1483.8	13708.9	4.1
1300.0	1288.6	3.139	3.046	34.529	27.505	33.498	27.496	66.8	17.015	.0	1483.9	14043.7	1.2
1320.0	1308.4	3.107	3.013	34.533	27.511	33.596	27.502	66.3	17.148	.0	1484.1	14381.0	.1
1340.0	1328.1	3.066	2.970	34.536	27.518	33.696	27.509	65.6	17.280	.0	1484.3	14721.0	1.2
1360.0	1347.9	3.032	2.935	34.540	27.524	33.794	27.515	65.1	17.411	.0	1484.5	15063.5	3.6
1380.0	1367.6	2.996	2.898	34.543	27.530	33.891	27.521	64.6	17.540	.0	1484.7	15408.5	5.7
1400.0	1387.4	2.968	2.869	34.544	27.533	33.987	27.524	64.3	17.669	.0	1484.9	15756.1	.4
1420.0	1407.1	2.922	2.822	34.548	27.540	34.086	27.531	63.6	17.797	.0	1485.0	16106.2	8.6
1440.0	1426.8	2.901	2.799	34.548	27.542	34.180	27.533	63.5	17.924	.0	1485.2	16458.7	8.3
1460.0	1446.6	2.891	2.787	34.549	27.545	34.274	27.535	63.3	18.051	.0	1485.5	16813.7	-1.0
1480.0	1466.3	2.872	2.767	34.551	27.548	34.368	27.538	63.1	18.178	.0	1485.8	17171.2	-1.6
1500.0	1486.1	2.855	2.749	34.553	27.551	34.462	27.541	62.9	18.304	.0	1486.1	17531.1	4.3
1520.0	1505.8	2.825	2.717	34.556	27.556	34.559	27.546	62.5	18.429	.0	1486.3	17893.5	2.8
1540.0	1525.5	2.801	2.692	34.558	27.560	34.655	27.550	62.2	18.553	.0	1486.5	18258.3	1.4
1560.0	1545.2	2.792	2.682	34.559	27.561	34.747	27.552	62.1	18.678	.0	1486.8	18625.6	-1.2
1580.0	1565.0	2.758	2.646	34.562	27.567	34.845	27.557	61.6	18.802	.0	1487.0	18995.2	2.3
1600.0	1584.7	2.678	2.566	34.568	27.579	34.951	27.569	60.3	18.924	.0	1487.0	19367.2	2.9
1620.0	1604.4	2.658	2.544	34.569	27.582	35.045	27.572	60.0	19.044	.0	1487.2	19741.6	2.0
1640.0	1624.1	2.637	2.522	34.571	27.585	35.140	27.575	59.8	19.164	.0	1487.5	20118.3	.3
1660.0	1643.8	2.620	2.504	34.572	27.587	35.233	27.577	59.6	19.283	.0	1487.7	20497.4	5.0
1680.0	1663.6	2.586	2.468	34.575	27.593	35.331	27.583	59.1	19.402	.0	1487.9	20878.7	2.3
1700.0	1683.3	2.554	2.435	34.578	27.598	35.428	27.588	58.6	19.519	.0	1488.1	21262.3	.6
1720.0	1703.0	2.538	2.417	34.579	27.601	35.521	27.590	58.4	19.636	.0	1488.4	21648.2	1.5
1740.0	1722.7	2.508	2.386	34.581	27.605	35.617	27.595	58.0	19.753	.0	1488.6	22036.4	-1.1
1760.0	1742.4	2.489	2.366	34.583	27.608	35.712	27.598	57.7	19.868	.0	1488.8	22426.8	4.7
1780.0	1762.1	2.446	2.321	34.588	27.616	35.812	27.605	57.0	19.983	.0	1489.0	22819.5	5.3
1800.0	1781.8	2.404	2.278	34.591	27.622	35.910	27.611	56.3	20.096	.0	1489.2	23214.3	5.1
1820.0	1801.5	2.375	2.248	34.595	27.627	36.007	27.616	55.8	20.208	.0	1489.4	23611.4	4.5
1840.0	1821.2	2.347	2.219	34.597	27.631	36.103	27.621	55.4	20.320	.0	1489.6	24010.6	3.9
1860.0	1840.9	2.319	2.189	34.599	27.635	36.198	27.624	55.0	20.430	.0	1489.8	24411.9	1.3
1880.0	1860.6	2.298	2.167	34.600	27.638	36.292	27.627	54.8	20.540	.0	1490.0	24815.4	-.5
1900.0	1880.3	2.258	2.126	34.604	27.645	36.391	27.634	54.1	20.649	.0	1490.2	25221.0	2.5
1920.0	1900.0	2.237	2.104	34.606	27.647	36.485	27.637	53.8	20.757	.0	1490.5	25628.7	4.0
1940.0	1919.7	2.220	2.086	34.607	27.650	36.579	27.639	53.6	20.864	.0	1490.7	26038.5	.7
1960.0	1939.4	2.208	2.072	34.609	27.653	36.672	27.642	53.4	20.971	.0	1491.0	26450.3	.2
1980.0	1959.1	2.158	2.021	34.613	27.660	36.772	27.649	52.6	21.077	.0	1491.1	26864.2	3.4
2000.0	1978.7	2.138	1.999	34.615	27.663	36.867	27.652	52.3	21.182	.0	1491.4	27280.2	.8
2050.0	2027.9	2.079	1.937	34.619	27.672	37.104	27.661	51.4	21.441	.0	1492.0	28328.8	.2
2098.0	2075.2	2.037	1.891	34.624	27.679	37.329	27.668	50.8	21.687	.0	1492.6	29347.2	.0

Station 104 Latitude 32° 15.97'N Longitude 127° 15.13'W 07 May 1991 GMT 13:13 Bottom 1130 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.891	15.891	33.234	24.415	24.415	24.415	350.5	.000	.0	1508.0	.0	.0
10.0	10.0	15.895	15.894	33.232	24.413	24.457	24.413	351.0	.351	.0	1508.2	1.7	3.2
20.0	19.9	15.165	15.162	33.187	24.540	24.628	24.540	339.2	.696	.0	1506.0	7.0	19.5
30.0	29.9	15.097	15.093	33.179	24.549	24.681	24.548	338.6	1.035	.0	1506.0	15.6	7.8
40.0	39.9	15.093	15.087	33.181	24.552	24.729	24.551	338.6	1.373	.0	1506.1	27.6	2.5
50.0	49.8	15.094	15.087	33.229	24.589	24.809	24.587	335.4	1.711	.0	1506.3	43.0	127.8
60.0	59.8	14.874	14.865	33.311	24.700	24.965	24.698	325.1	2.041	.0	1505.9	61.7	46.1
70.0	69.7	14.809	14.799	33.334	24.732	25.041	24.730	322.3	2.365	.0	1505.9	83.6	7.8
80.0	79.7	14.653	14.641	33.311	24.748	25.102	24.746	321.1	2.686	.0	1505.5	108.8	3.6
90.0	89.7	14.565	14.552	33.303	24.761	25.159	24.758	320.2	3.007	.0	1505.4	137.1	14.8
100.0	99.6	14.334	14.320	33.313	24.818	25.260	24.815	315.0	3.326	.0	1504.8	168.6	114.6
110.0	109.6	14.011	13.996	33.297	24.873	25.360	24.870	310.0	3.640	.0	1503.9	203.3	158.4
120.0	119.5	12.913	12.897	33.208	25.025	25.560	25.022	295.5	3.943	.0	1500.3	241.1	166.7
130.0	129.5	11.927	11.911	33.153	25.172	25.753	25.169	281.6	4.229	.0	1497.0	281.8	84.3
140.0	139.4	11.350	11.333	33.216	25.328	25.955	25.325	266.9	4.504	.0	1495.2	325.2	138.6
150.0	149.4	10.378	10.361	33.204	25.490	26.165	25.486	251.5	4.764	.0	1491.9	371.3	114.4
160.0	159.3	10.148	10.130	33.278	25.586	26.307	25.583	242.4	5.011	.0	1491.3	420.0	74.0
170.0	169.3	9.682	9.663	33.365	25.732	26.500	25.729	228.6	5.247	.0	1489.9	471.0	59.6
180.0	179.2	9.468	9.449	33.410	25.802	26.615	25.799	222.1	5.473	.0	1489.3	524.3	93.8
190.0	189.2	9.113	9.092	33.541	25.962	26.822	25.958	207.1	5.687	.0	1488.3	579.8	164.9
200.0	199.1	8.958	8.937	33.655	26.076	26.981	26.072	196.4	5.889	.0	1488.1	637.4	75.3
210.0	209.1	8.979	8.957	33.789	26.177	27.127	26.173	187.1	6.081	.0	1488.5	696.8	116.6
220.0	219.0	8.928	8.905	33.838	26.223	27.219	26.220	182.8	6.266	.0	1488.5	758.2	84.4
230.0	228.9	8.786	8.761	33.896	26.291	27.333	26.288	176.5	6.445	.0	1488.2	821.4	53.6
240.0	238.9	8.641	8.616	33.936	26.346	27.433	26.342	171.5	6.619	.0	1487.9	886.3	41.9
250.0	248.8	8.518	8.492	33.973	26.394	27.527	26.390	167.0	6.788	.0	1487.6	952.9	53.3
260.0	258.7	8.338	8.311	33.987	26.432	27.611	26.428	163.5	6.954	.0	1487.1	1021.1	46.5
270.0	268.7	8.098	8.071	33.995	26.475	27.701	26.471	159.5	7.115	.0	1486.4	1091.0	36.5
280.0	278.6	7.861	7.833	34.000	26.513	27.786	26.509	155.9	7.273	.0	1485.6	1162.5	18.0
290.0	288.5	7.750	7.721	33.999	26.529	27.848	26.525	154.5	7.428	.0	1485.4	1235.5	26.5
300.0	298.5	7.635	7.605	33.999	26.546	27.911	26.541	153.0	7.582	.0	1485.1	1310.1	23.8
310.0	308.4	7.491	7.461	34.001	26.568	27.980	26.563	151.0	7.734	.0	1484.7	1386.1	3.6
320.0	318.3	7.336	7.306	34.002	26.591	28.049	26.586	148.9	7.884	.0	1484.3	1463.7	28.5
330.0	328.3	7.171	7.140	34.003	26.614	28.119	26.610	146.7	8.032	.0	1483.8	1542.7	19.4
340.0	338.2	6.948	6.916	34.006	26.647	28.199	26.643	143.6	8.177	.0	1483.1	1623.1	42.5
350.0	348.1	6.821	6.789	34.006	26.664	28.263	26.660	142.0	8.319	.0	1482.7	1705.0	9.1
360.0	358.0	6.691	6.659	34.009	26.684	28.330	26.680	140.2	8.461	.0	1482.4	1788.3	13.1
370.0	368.0	6.566	6.533	34.010	26.702	28.394	26.697	138.6	8.600	.0	1482.1	1873.0	27.8
380.0	377.9	6.429	6.395	34.016	26.725	28.463	26.720	136.5	8.738	.0	1481.7	1959.1	22.5
390.0	387.8	6.309	6.274	34.024	26.747	28.532	26.742	134.4	8.873	.0	1481.4	2046.5	7.5
400.0	397.7	6.220	6.185	34.027	26.761	28.593	26.756	133.2	9.007	.0	1481.2	2135.2	10.7
410.0	407.7	6.076	6.040	34.031	26.782	28.661	26.777	131.2	9.139	.0	1480.8	2225.2	14.8
420.0	417.6	5.919	5.884	34.034	26.804	28.730	26.799	129.1	9.269	.0	1480.3	2316.6	7.2
430.0	427.5	5.803	5.766	34.036	26.821	28.794	26.816	127.5	9.397	.0	1480.0	2409.2	5.4
440.0	437.4	5.744	5.707	34.039	26.830	28.849	26.825	126.7	9.525	.0	1479.9	2503.0	11.5
450.0	447.4	5.628	5.591	34.046	26.850	28.916	26.845	124.8	9.651	.0	1479.7	2598.2	20.9
460.0	457.3	5.565	5.526	34.053	26.862	28.975	26.858	123.7	9.775	.0	1479.6	2694.5	10.9
470.0	467.2	5.497	5.458	34.064	26.879	29.039	26.875	122.1	9.898	.0	1479.5	2792.1	18.8
480.0	477.1	5.384	5.345	34.068	26.896	29.103	26.892	120.5	10.019	.0	1479.2	2890.9	28.8
490.0	487.0	5.314	5.274	34.082	26.916	29.169	26.911	118.7	10.138	.0	1479.1	2990.9	27.9
500.0	497.0	5.211	5.170	34.089	26.933	29.233	26.929	117.1	10.256	.0	1478.8	3092.0	11.2
510.0	506.9	5.145	5.104	34.106	26.955	29.301	26.950	115.1	10.372	.0	1478.7	3194.3	20.3
520.0	516.8	5.071	5.030	34.112	26.968	29.361	26.963	113.9	10.486	.0	1478.6	3297.7	1.8
530.0	526.7	5.066	5.024	34.116	26.971	29.411	26.967	113.7	10.600	.0	1478.8	3402.3	40.2
540.0	536.6	4.978	4.936	34.130	26.993	29.479	26.988	111.6	10.712	.0	1478.6	3508.0	15.6
550.0	546.5	4.993	4.949	34.141	27.000	29.532	26.996	111.1	10.824	.0	1478.8	3614.7	14.7
560.0	556.5	4.966	4.921	34.149	27.010	29.588	27.005	110.3	10.934	.0	1478.9	3722.6	9.1
570.0	566.4	4.891	4.846	34.156	27.023	29.648	27.018	109.0	11.044	.0	1478.7	3831.5	15.9
580.0	576.3	4.845	4.799	34.165	27.036	29.706	27.031	107.9	11.152	.0	1478.7	3941.6	17.3
590.0	586.2	4.797	4.750	34.169	27.045	29.762	27.040	107.1	11.260	.0	1478.7	4052.6	20.2
600.0	596.1	4.739	4.692	34.180	27.060	29.823	27.055	105.7	11.366	.0	1478.6	4164.8	1.5
610.0	606.0	4.722	4.674	34.183	27.065	29.874	27.059	105.3	11.472	.0	1478.7	4278.0	15.3
620.0	615.9	4.672	4.624	34.201	27.084	29.940	27.079	103.6	11.576	.0	1478.7	4392.2	5.3
630.0	625.8	4.686	4.637	34.212	27.092	29.993	27.086	103.0	11.679	.0	1479.0	4507.4	7.4
640.0	635.8	4.669	4.620	34.222	27.101	30.049	27.096	102.1	11.782	.0	1479.1	4623.7	10.3
650.0	645.7	4.621	4.571	34.233	27.116	30.110	27.110	100.8	11.883	.0	1479.0	4740.9	15.6
660.0	655.6	4.553	4.502	34.235	27.125	30.166	27.119	100.0	11.984	.0	1478.9	4859.2	9.1
670.0	665.5	4.509	4.458	34.237	27.131	30.219	27.125	99.4	12.083	.0	1478.9	4978.4	4.4
680.0	675.4	4.497	4.445	34.239	27.134	30.267	27.128	99.2	12.183	.0	1479.0	5098.6	8.8
690.0	685.3	4.508	4.455	34.261	27.150	30.329	27.145	97.8	12.281	.0	1479.3	5219.8	9.7
700.0	695.2	4.452	4.399	34.264	27.159	30.384	27.153	97.0	12.379	.0	1479.2	5342.0	18.8
710.0	705.1	4.434	4.380	34.273	27.168	30.439	27.162	96.3	12.475	.0	1479.3	5465.1	13.5
720.0	715.0	4.391	4.336	34.285	27.182	30.500	27.176	94.9	12.571	.0	1479.3	5589.1	24.7
730.0	724.9	4.369	4.313	34.304	27.199	30.564	27.194	93.4	12.665	.0	1479.4	5714.1	8.9
740.0	734.8	4.358	4.302	34.312	27.207	30.617	27.201	92.8	12.758	.0	1479.5	5840.0	7.1
750.0	744.7	4.373	4.315	34.323	27.215	30.670	27.208	92.2	12.851	.0	1479.8	5966.8	9.2
760.0	754.6	4.374	4.316	34.330	27.220	30.721	27.214	91.7	12.942	.0	1480.0	6094.6	2.8
770.0	764.5	4.375	4.316	34.339	27.227	30.773	27.221	91.2	13.034	.0	1480.1	6223.2	17.4
780.0	774.4	4.340	4.280	34.352	27.241	30.834	27.235	89.9	13.124	.0	1480.2	6352.7	7.7
790.0	784.3	4.314	4.254	34.357	27.248	30.887	27.242	89.3	13.214	.0	1480.2	6483.1	6.0
800.0	794.2	4.289	4.228	34.368	27.260	30.945	27.253	88.3	13.303	.0	1480.3	6614.4	16.2
810.0	804.1	4.220	4.159	34.368	27.267	30.999	27.261	87.6	13.391	.0	1480.2	6746.5	2.8
820.0	814.0	4.198	4.136	34.372	27.273	31.051	27.266	87.1	13.478	.0	1480.3	6879.5	9.8
830.0	823.9	4.192	4.129	34.382	27.281	31.105	27.274	86.4	13.565	.0	1480.4	7013.4	3.4
840.0	833.8	4.181	4.117	34.383	27.283	31.153	27.277	86.3	13.651	.0	1480.5	7148.1	1.9
850.0	843.7	4.164	4.100	34.390	27.291	31.207	27.284	85.6	13.737	.0	1480.6	7283.7	3.4
860.0	853.6	4.173	4.108	34.405	27.302	31.263	27.295	84.7	13.823	.0	1480.9	7420.1	10.4
870.0	863.5	4.159	4.093	34.411	27.308	31.315	27.301	84.2	13.907	.0	1481.0	7557.3	12.2
880.0	873.4	4.142	4.075	34.417	27.315	31.368	27.308	83.7	13.991	.0	1481.1	7695.3	5.5
890.0	883.3	4.109	4.042	34.421	27.321	31.421	27.314	83.1	14.074	.0	1481.1	7834.2	9.6
900.0	893.2	4.095	4.027	34.422	27.324	31.469	27.316	82.9	14.157	.0	1481.2	7973.9	2.2
910.0	903.1	4.071	4.003	34.427	27.330	31.522	27.323	82.3	14.240	.0	1481.3	8114.4	11.0
920.0	913.0	4.059	3.989	34.434	27.337	31.575	27.330	81.7	14.322	.0	1481.4	8255.7	9.6
930.0	922.9	4.021	3.951	34.438	27.344	31.628	27.337	81.1	14.403	.0	1481.4	8397.8	.5
940.0	932.8	3.991	3.921	34.439	27.348	31.679	27.341	80.7	14.484	.0	1481.5	8540.7	2.5
950.0	942.7	3.958	3.887	34.444	27.356	31.733	27.349	80.0	14.564	.0	1481.5	8684.4	3.1
960.0	952.6	3.948	3.876	34.446	27.359	31.781	27.351	79.9	14.644	.0	1481.6	8828.9	1.7
970.0	962.5	3.914	3.842	34.451	27.366	31.835	27.358	79.2	14.724	.0	1481.6	8974.2	1.4
980.0	972.4	3.887	3.814	34.453	27.370	31.885	27.362	78.8	14.803	.0	1481.7	9120.2	8.1
990.0	982.3	3.860	3.786	34.457	27.376	31.937	27.369	78.3	14.881	.0	1481.8	9267.0	7.5

Station 104 Latitude 32° 15.97'N Longitude 127° 15.13'W 07 May 1991 GMT 13:13 Bottom 1130 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.836	3.761	34.461	27.382	31.989	27.374	77.8	14.959	.0	1481.8	9414.6	3.4
1020.0	1011.9	3.779	3.704	34.466	27.392	32.092	27.384	76.9	15.114	.0	1481.9	9712.0	4.6
1040.0	1031.7	3.693	3.617	34.477	27.409	32.203	27.402	75.2	15.267	.0	1481.9	10012.4	10.8
1060.0	1051.5	3.656	3.578	34.478	27.413	32.299	27.406	74.9	15.417	.0	1482.1	10315.8	1.1
1080.0	1071.3	3.629	3.549	34.479	27.418	32.395	27.410	74.6	15.566	.0	1482.3	10622.2	.8
1100.0	1091.0	3.620	3.539	34.480	27.419	32.488	27.411	74.6	15.715	.0	1482.6	10931.4	5.8
1120.0	1110.8	3.584	3.502	34.483	27.425	32.586	27.417	74.2	15.864	.0	1482.8	11243.6	-.3
1126.0	1116.7	3.583	3.500	34.482	27.425	32.613	27.417	74.2	15.908	.0	1482.9	11337.8	.0

Station 105 Latitude 32° 18.58'N Longitude 127° 13.92'W 07 May 1991 GMT 14:33 Bottom 2480 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.783	15.783	33.206	24.417	24.417	24.417	350.3	.000	.0	1507.7	.0	.0
10.0	10.0	15.786	15.784	33.205	24.417	24.460	24.416	350.7	.350	.0	1507.8	1.7	.3
20.0	19.9	15.111	15.108	33.183	24.549	24.637	24.548	338.3	.699	.0	1505.8	7.0	203.1
30.0	29.9	15.017	15.013	33.164	24.554	24.687	24.553	338.1	1.038	.0	1505.7	15.6	7.7
40.0	39.9	14.981	14.975	33.161	24.561	24.737	24.560	337.8	1.375	.0	1505.7	27.7	4.5
50.0	49.8	14.771	14.763	33.153	24.600	24.821	24.598	334.4	1.712	.0	1505.2	43.0	104.9
60.0	59.8	14.499	14.490	33.162	24.665	24.931	24.663	328.4	2.043	.0	1504.5	61.7	60.4
70.0	69.7	14.522	14.512	33.219	24.705	25.014	24.702	324.9	2.369	.0	1504.8	83.7	14.1
80.0	79.7	14.494	14.483	33.228	24.718	25.071	24.715	324.0	2.693	.0	1504.9	108.9	12.1
90.0	89.7	14.314	14.301	33.209	24.741	25.139	24.738	322.0	3.016	.0	1504.4	137.4	30.5
100.0	99.6	13.993	13.979	33.220	24.817	25.260	24.814	315.0	3.336	.0	1503.6	169.0	137.1
110.0	109.6	13.167	13.152	33.171	24.947	25.436	24.944	302.8	3.646	.0	1500.9	203.8	139.8
120.0	119.5	12.360	12.344	33.131	25.073	25.609	25.070	290.8	3.941	.0	1498.3	241.5	76.1
130.0	129.5	11.446	11.430	33.078	25.202	25.785	25.200	278.6	4.226	.0	1495.2	282.2	154.7
140.0	139.4	11.065	11.048	33.218	25.380	26.008	25.377	261.9	4.498	.0	1494.2	325.6	225.0
150.0	149.4	10.043	10.026	33.200	25.543	26.219	25.540	246.3	4.751	.0	1490.7	371.6	141.3
160.0	159.3	9.637	9.620	33.284	25.676	26.399	25.673	233.8	4.991	.0	1489.5	420.1	106.1
170.0	169.3	9.440	9.422	33.360	25.767	26.536	25.764	225.2	5.220	.0	1489.0	470.9	109.6
180.0	179.2	9.258	9.239	33.460	25.875	26.689	25.872	215.2	5.442	.0	1488.6	523.9	118.9
190.0	189.2	9.155	9.135	33.550	25.962	26.822	25.958	207.1	5.652	.0	1488.5	579.1	96.1
200.0	199.1	8.941	8.920	33.632	26.060	26.966	26.056	197.9	5.854	.0	1488.0	636.3	68.2
210.0	209.0	8.971	8.949	33.743	26.142	27.093	26.138	190.3	6.049	.0	1488.4	695.4	107.5
220.0	219.0	8.819	8.796	33.824	26.230	27.226	26.226	182.1	6.236	.0	1488.1	756.5	100.2
230.0	228.9	8.707	8.683	33.887	26.297	27.339	26.293	175.9	6.415	.0	1487.9	819.4	74.4
240.0	238.9	8.578	8.553	33.953	26.369	27.457	26.365	169.3	6.588	.0	1487.7	884.0	32.5
250.0	248.8	8.431	8.405	33.978	26.410	27.544	26.406	165.4	6.755	.0	1487.3	950.2	53.0
260.0	258.7	8.327	8.301	33.987	26.433	27.613	26.429	163.4	6.920	.0	1487.1	1018.2	15.2
270.0	268.7	8.139	8.112	33.994	26.468	27.694	26.464	160.2	7.081	.0	1486.5	1087.7	15.1
280.0	278.6	7.980	7.952	33.997	26.493	27.765	26.489	157.9	7.240	.0	1486.1	1158.9	16.9
290.0	288.5	7.800	7.771	33.998	26.521	27.840	26.517	155.3	7.397	.0	1485.6	1231.5	17.1
300.0	298.5	7.627	7.598	34.001	26.548	27.913	26.544	152.8	7.552	.0	1485.1	1305.8	51.4
310.0	308.4	7.443	7.413	34.002	26.576	27.988	26.571	150.3	7.703	.0	1484.5	1381.5	34.1
320.0	318.3	7.317	7.287	34.003	26.594	28.052	26.590	148.6	7.853	.0	1484.2	1458.8	34.6
330.0	328.3	7.108	7.077	34.005	26.625	28.131	26.621	145.7	8.000	.0	1483.5	1537.5	26.7
340.0	338.2	6.996	6.964	34.005	26.640	28.192	26.636	144.3	8.145	.0	1483.3	1617.6	20.8
350.0	348.1	6.853	6.820	34.007	26.661	28.260	26.657	142.4	8.288	.0	1482.9	1699.2	35.1
360.0	358.0	6.642	6.609	34.009	26.691	28.337	26.687	139.5	8.429	.0	1482.2	1782.2	18.7
370.0	368.0	6.523	6.490	34.012	26.709	28.402	26.705	137.8	8.568	.0	1481.9	1866.6	16.9
380.0	377.9	6.442	6.408	34.013	26.721	28.459	26.716	136.9	8.705	.0	1481.7	1952.3	15.7
390.0	387.8	6.380	6.345	34.025	26.739	28.524	26.734	135.3	8.841	.0	1481.7	2039.4	10.5
400.0	397.7	6.325	6.290	34.027	26.747	28.578	26.742	134.5	8.976	.0	1481.6	2127.8	8.7
410.0	407.7	6.203	6.167	34.023	26.759	28.637	26.755	133.4	9.110	.0	1481.3	2217.5	21.0
420.0	417.6	6.097	6.060	34.028	26.778	28.702	26.773	131.7	9.243	.0	1481.0	2308.6	17.5
430.0	427.5	5.968	5.931	34.031	26.796	28.767	26.791	130.0	9.374	.0	1480.7	2401.0	15.7
440.0	437.4	5.875	5.837	34.033	26.809	28.827	26.804	128.8	9.503	.0	1480.5	2494.6	8.3
450.0	447.4	5.766	5.728	34.036	26.824	28.889	26.820	127.3	9.631	.0	1480.2	2589.5	16.8
460.0	457.3	5.654	5.616	34.041	26.843	28.955	26.838	125.7	9.758	.0	1479.9	2685.7	9.2
470.0	467.2	5.572	5.532	34.047	26.857	29.016	26.852	124.3	9.883	.0	1479.7	2783.1	21.5
480.0	477.1	5.497	5.458	34.057	26.875	29.080	26.870	122.7	10.006	.0	1479.6	2881.8	7.7
490.0	487.0	5.435	5.394	34.063	26.887	29.138	26.882	121.6	10.128	.0	1479.5	2981.7	22.9
500.0	497.0	5.361	5.320	34.072	26.903	29.201	26.898	120.2	10.249	.0	1479.4	3082.7	2.1
510.0	506.9	5.307	5.266	34.079	26.914	29.259	26.910	119.1	10.369	.0	1479.4	3185.0	23.5
520.0	516.8	5.237	5.195	34.090	26.931	29.322	26.926	117.6	10.487	.0	1479.3	3288.4	16.5
530.0	526.7	5.176	5.133	34.098	26.945	29.383	26.940	116.3	10.604	.0	1479.2	3393.0	28.8
540.0	536.6	5.093	5.050	34.111	26.965	29.449	26.960	114.4	10.720	.0	1479.0	3498.7	28.5
550.0	546.5	5.014	4.970	34.121	26.982	29.513	26.977	112.9	10.833	.0	1478.9	3605.5	3.9
560.0	556.5	4.988	4.943	34.133	26.994	29.572	26.989	111.7	10.945	.0	1478.9	3713.5	14.7
570.0	566.4	4.908	4.863	34.143	27.012	29.636	27.007	110.1	11.056	.0	1478.8	3822.6	14.4
580.0	576.3	4.856	4.810	34.150	27.023	29.694	27.018	109.1	11.166	.0	1478.8	3932.7	14.4
590.0	586.2	4.809	4.762	34.157	27.034	29.751	27.028	108.1	11.274	.0	1478.7	4044.0	7.1
600.0	596.1	4.753	4.707	34.169	27.049	29.813	27.044	106.7	11.382	.0	1478.7	4156.3	11.5
610.0	606.0	4.725	4.677	34.177	27.059	29.869	27.054	105.9	11.488	.0	1478.7	4269.6	4.1
620.0	615.9	4.685	4.637	34.188	27.072	29.928	27.067	104.7	11.594	.0	1478.8	4384.0	17.6
630.0	625.8	4.662	4.613	34.208	27.091	29.993	27.085	103.0	11.697	.0	1478.9	4499.4	12.9
640.0	635.8	4.653	4.603	34.212	27.095	30.043	27.090	102.7	11.800	.0	1479.0	4615.8	27.9
650.0	645.7	4.631	4.580	34.223	27.106	30.100	27.101	101.7	11.902	.0	1479.1	4733.3	5.3
660.0	655.6	4.607	4.556	34.230	27.115	30.155	27.109	101.0	12.003	.0	1479.1	4851.7	2.7
670.0	665.5	4.579	4.527	34.234	27.121	30.208	27.115	100.4	12.104	.0	1479.2	4971.2	5.9
680.0	675.4	4.551	4.499	34.239	27.128	30.260	27.122	99.9	12.204	.0	1479.3	5091.6	12.1
690.0	685.3	4.527	4.474	34.249	27.138	30.317	27.133	98.9	12.304	.0	1479.3	5213.0	8.0
700.0	695.2	4.515	4.461	34.255	27.145	30.369	27.139	98.4	12.402	.0	1479.5	5335.4	5.7
710.0	705.1	4.494	4.439	34.268	27.157	30.428	27.151	97.3	12.500	.0	1479.5	5458.7	7.4
720.0	715.0	4.459	4.403	34.276	27.168	30.485	27.162	96.4	12.597	.0	1479.6	5583.0	6.2
730.0	724.9	4.443	4.387	34.280	27.173	30.535	27.166	96.0	12.693	.0	1479.7	5708.3	7.4
740.0	734.8	4.411	4.355	34.288	27.182	30.591	27.176	95.2	12.789	.0	1479.7	5834.5	5.7
750.0	744.7	4.390	4.332	34.297	27.192	30.647	27.186	94.3	12.884	.0	1479.8	5961.6	5.7
760.0	754.6	4.385	4.327	34.300	27.195	30.696	27.189	94.1	12.978	.0	1480.0	6089.7	8.0
770.0	764.5	4.402	4.343	34.321	27.210	30.756	27.204	92.9	13.071	.0	1480.2	6218.7	11.6
780.0	774.4	4.377	4.317	34.326	27.217	30.809	27.211	92.3	13.164	.0	1480.3	6348.6	6.3
790.0	784.3	4.338	4.278	34.335	27.228	30.867	27.222	91.2	13.255	.0	1480.3	6479.4	7.5
800.0	794.2	4.329	4.268	34.343	27.236	30.920	27.229	90.6	13.346	.0	1480.4	6611.1	5.4
810.0	804.1	4.296	4.234	34.348	27.243	30.974	27.236	90.0	13.436	.0	1480.5	6743.7	2.5
820.0	814.0	4.281	4.219	34.356	27.251	31.028	27.245	89.3	13.526	.0	1480.6	6877.1	13.3
830.0	823.9	4.238	4.175	34.364	27.262	31.085	27.255	88.3	13.615	.0	1480.6	7011.5	11.9
840.0	833.8	4.210	4.146	34.368	27.269	31.138	27.262	87.7	13.703	.0	1480.6	7146.7	4.8
850.0	843.7	4.201	4.136	34.373	27.274	31.189	27.267	87.3	13.790	.0	1480.8	7282.8	9.2
860.0	853.6	4.139	4.074	34.380	27.286	31.248	27.279	86.2	13.877	.0	1480.7	7419.7	8.7
870.0	863.5	4.094	4.028	34.387	27.296	31.305	27.289	85.2	13.962	.0	1480.7	7557.5	8.7
880.0	873.4	4.088	4.022	34.394	27.302	31.356	27.295	84.7	14.047	.0	1480.8	7696.1	6.9
890.0	883.3	4.077	4.010	34.398	27.306	31.406	27.299	84.4	14.132	.0	1480.9	7835.5	2.2
900.0	893.2	4.042	3.975	34.403	27.314	31.461	27.307	83.7	14.216	.0	1481.0	7975.8	5.7
910.0	903.1	4.053	3.984	34.411	27.319	31.511	27.312	83.3	14.299	.0	1481.2	8116.9	5.8
920.0	913.0	4.064	3.995	34.424	27.329	31.566	27.322	82.5	14.382	.0	1481.4	8258.8	17.5
930.0	922.9	4.026	3.956	34.429	27.337	31.620	27.329	81.8	14.464	.0	1481.4	8401.5	7.8
940.0	932.8	3.982	3.911	34.434	27.345	31.675	27.338	81.0	14.546	.0	1481.4	8545.0	6.6
950.0	942.7	3.966	3.895	34.436	27.348	31.725	27.341	80.8	14.627	.0	1481.5	8689.3	6.9
960.0	952.6	3.950	3.878	34.442	27.355	31.777	27.347	80.2	14.707	.0	1481.6	8834.4	3.7
970.0	962.5	3.895	3.822	34.441	27.360	31.829	27.352	79.7	14.787	.0	1481.6	8980.3	7.5
980.0	972.4	3.905	3.832	34.444	27.361	31.876	27.354	79.7	14.867	.0	1481.8	9127.0	-.7
990.0	982.3	3.892	3.818	34.448	27.366	31.927	27.358	79.3	14.946	.0	1481.9	9274.4	.5

Station 105 Latitude 32° 18.58'N Longitude 127° 13.92'W 07 May 1991 GMT 14:33 Bottom 2480 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.855	3.780	34.447	27.369	31.976	27.361	79.0	15.026	.0	1481.9	9422.6	7.8
1020.0	1011.9	3.784	3.708	34.453	27.381	32.081	27.374	77.9	15.182	.0	1481.9	9721.4	3.7
1040.0	1031.7	3.726	3.649	34.454	27.388	32.180	27.380	77.3	15.338	.0	1482.0	10023.2	4.6
1060.0	1051.5	3.693	3.615	34.460	27.396	32.280	27.388	76.7	15.492	.0	1482.2	10328.1	7.3
1080.0	1071.3	3.632	3.553	34.467	27.407	32.385	27.399	75.6	15.644	.0	1482.3	10635.9	1.1
1100.0	1091.0	3.608	3.528	34.475	27.416	32.485	27.408	74.9	15.794	.0	1482.5	10946.7	2.0
1120.0	1110.8	3.595	3.513	34.478	27.420	32.580	27.412	74.6	15.943	.0	1482.8	11260.4	5.6
1140.0	1130.6	3.543	3.460	34.488	27.433	32.686	27.425	73.5	16.092	.0	1482.9	11577.1	2.0
1160.0	1150.3	3.495	3.410	34.492	27.441	32.787	27.433	72.7	16.238	.0	1483.1	11896.6	5.6
1180.0	1170.1	3.440	3.354	34.499	27.452	32.890	27.444	71.7	16.382	.0	1483.2	12218.9	5.0
1200.0	1189.9	3.403	3.315	34.503	27.459	32.989	27.450	71.1	16.525	.0	1483.4	12544.1	3.5
1220.0	1209.6	3.346	3.258	34.508	27.468	33.091	27.460	70.2	16.666	.0	1483.4	12872.0	2.4
1240.0	1229.4	3.296	3.206	34.514	27.478	33.194	27.470	69.3	16.806	.0	1483.6	13202.7	5.3
1260.0	1249.1	3.263	3.172	34.517	27.483	33.291	27.475	68.9	16.944	.0	1483.8	13536.1	4.1
1280.0	1268.9	3.215	3.123	34.522	27.492	33.392	27.484	68.0	17.081	.0	1483.9	13872.2	3.6
1300.0	1288.7	3.178	3.085	34.525	27.498	33.490	27.489	67.6	17.216	.0	1484.1	14210.9	3.6
1320.0	1308.4	3.132	3.038	34.528	27.505	33.589	27.496	66.9	17.351	.0	1484.2	14552.2	3.3
1340.0	1328.2	3.112	3.016	34.530	27.508	33.684	27.500	66.7	17.484	.0	1484.5	14896.2	3.6
1360.0	1347.9	3.082	2.985	34.532	27.513	33.781	27.504	66.3	17.617	.0	1484.7	15242.7	1.6
1380.0	1367.6	3.053	2.954	34.535	27.518	33.878	27.509	65.8	17.749	.0	1484.9	15591.9	.1
1400.0	1387.4	3.023	2.923	34.538	27.523	33.975	27.514	65.4	17.880	.0	1485.1	15943.6	3.6
1420.0	1407.1	2.974	2.873	34.542	27.531	34.075	27.522	64.6	18.010	.0	1485.2	16297.8	10.4
1440.0	1426.9	2.959	2.857	34.543	27.533	34.169	27.524	64.5	18.139	.0	1485.5	16654.6	2.5
1460.0	1446.6	2.920	2.816	34.547	27.540	34.268	27.531	63.9	18.268	.0	1485.7	17013.9	1.6
1480.0	1466.3	2.901	2.796	34.549	27.543	34.362	27.534	63.7	18.395	.0	1485.9	17375.6	2.2
1500.0	1486.1	2.872	2.766	34.551	27.548	34.459	27.539	63.2	18.522	.0	1486.1	17739.9	11.3
1520.0	1505.8	2.839	2.731	34.555	27.554	34.557	27.544	62.7	18.648	.0	1486.3	18106.6	4.6
1540.0	1525.5	2.799	2.690	34.557	27.559	34.654	27.550	62.2	18.773	.0	1486.5	18475.7	3.1
1560.0	1545.3	2.745	2.635	34.562	27.568	34.756	27.559	61.3	18.896	.0	1486.6	18847.3	.5
1580.0	1565.0	2.712	2.601	34.565	27.574	34.854	27.564	60.8	19.018	.0	1486.8	19221.2	2.0
1600.0	1584.7	2.688	2.575	34.568	27.578	34.949	27.568	60.4	19.139	.0	1487.0	19597.5	.5
1620.0	1604.4	2.656	2.542	34.570	27.583	35.046	27.573	60.0	19.260	.0	1487.2	19976.1	3.2
1640.0	1624.1	2.613	2.498	34.573	27.589	35.144	27.579	59.4	19.379	.0	1487.4	20357.1	.6
1660.0	1643.8	2.586	2.470	34.575	27.593	35.240	27.583	59.0	19.497	.0	1487.6	20740.3	1.4
1680.0	1663.6	2.557	2.439	34.578	27.597	35.336	27.587	58.6	19.615	.0	1487.8	21125.9	4.1
1700.0	1683.3	2.530	2.411	34.581	27.602	35.433	27.592	58.1	19.732	.0	1488.0	21513.7	3.2
1720.0	1703.0	2.480	2.360	34.585	27.610	35.533	27.600	57.3	19.847	.0	1488.1	21903.8	5.9
1740.0	1722.7	2.462	2.340	34.586	27.612	35.627	27.602	57.1	19.961	.0	1488.4	22296.1	4.1
1760.0	1742.4	2.424	2.301	34.589	27.618	35.725	27.608	56.5	20.075	.0	1488.6	22690.6	3.3
1780.0	1762.1	2.409	2.285	34.590	27.620	35.818	27.610	56.4	20.188	.0	1488.8	23087.3	2.1
1800.0	1781.8	2.391	2.265	34.592	27.624	35.913	27.613	56.1	20.300	.0	1489.1	23486.2	5.3
1820.0	1801.5	2.385	2.258	34.593	27.625	36.004	27.614	56.1	20.412	.0	1489.4	23887.2	1.3
1840.0	1821.2	2.371	2.242	34.595	27.627	36.098	27.617	55.9	20.524	.0	1489.7	24290.4	2.2
1860.0	1840.9	2.331	2.202	34.597	27.632	36.195	27.622	55.3	20.635	.0	1489.9	24695.8	-.5
1880.0	1860.6	2.313	2.182	34.599	27.635	36.289	27.625	55.1	20.746	.0	1490.1	25103.4	8.3
1900.0	1880.3	2.265	2.133	34.602	27.642	36.388	27.631	54.3	20.855	.0	1490.2	25513.0	3.9
1920.0	1900.0	2.228	2.095	34.608	27.650	36.488	27.639	53.6	20.963	.0	1490.4	25924.8	5.4
1940.0	1919.7	2.202	2.067	34.610	27.654	36.583	27.643	53.2	21.070	.0	1490.6	26338.6	3.4
1960.0	1939.4	2.184	2.048	34.611	27.656	36.677	27.646	52.9	21.176	.0	1490.9	26754.5	.5
1980.0	1959.1	2.170	2.033	34.612	27.658	36.770	27.647	52.8	21.282	.0	1491.2	27172.4	-.7
2000.0	1978.8	2.148	2.010	34.615	27.662	36.865	27.651	52.4	21.387	.0	1491.4	27592.3	1.4
2050.0	2027.9	2.083	1.941	34.619	27.671	37.103	27.660	51.5	21.647	.0	1492.0	28651.1	2.9
2096.0	2073.2	2.053	1.908	34.622	27.676	37.316	27.665	51.1	21.883	.0	1492.6	29636.1	.0

Station 106 Latitude 32° 21.93'N Longitude 127° 11.82'W 07 May 1991 GMT 16:17 Bottom 4150 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.742	15.742	33.202	24.424	24.424	24.424	349.7	.000	.0	1507.5	.0	.0
10.0	10.0	15.185	15.184	33.202	24.547	24.591	24.546	338.2	.349	.0	1505.9	1.7	308.2
20.0	19.9	14.999	14.996	33.160	24.556	24.644	24.555	337.7	.687	.0	1505.5	6.9	10.7
30.0	29.9	14.955	14.950	33.161	24.566	24.698	24.565	337.0	1.025	.0	1505.5	15.4	9.8
40.0	39.9	14.909	14.903	33.162	24.577	24.753	24.576	336.2	1.361	.0	1505.5	27.3	13.6
50.0	49.8	14.610	14.603	33.150	24.632	24.853	24.631	331.3	1.696	.0	1504.7	42.6	87.9
60.0	59.8	14.422	14.414	33.136	24.661	24.927	24.660	328.8	2.026	.0	1504.2	61.1	30.2
70.0	69.7	14.147	14.137	33.125	24.710	25.021	24.708	324.3	2.352	.0	1503.5	82.9	10.3
80.0	79.7	14.094	14.083	33.129	24.725	25.080	24.723	323.2	2.676	.0	1503.5	107.9	17.3
90.0	89.7	14.015	14.002	33.122	24.736	25.135	24.734	322.4	2.998	.0	1503.4	136.2	11.4
100.0	99.6	13.950	13.936	33.124	24.752	25.195	24.749	321.2	3.320	.0	1503.3	167.6	27.2
110.0	109.6	13.736	13.721	33.132	24.802	25.290	24.799	316.7	3.640	.0	1502.8	202.3	86.9
120.0	119.5	12.909	12.893	33.120	24.958	25.493	24.955	301.9	3.950	.0	1500.2	240.1	216.2
130.0	129.5	11.376	11.360	33.074	25.212	25.795	25.209	277.6	4.238	.0	1495.0	280.9	229.1
140.0	139.4	10.591	10.575	33.107	25.377	26.007	25.374	262.0	4.507	.0	1492.4	324.4	164.8
150.0	149.4	10.111	10.094	33.163	25.503	26.179	25.500	250.1	4.763	.0	1490.9	370.5	143.7
160.0	159.3	9.747	9.729	33.263	25.642	26.364	25.639	237.0	5.005	.0	1489.8	419.1	28.8
170.0	169.3	9.597	9.578	33.320	25.711	26.479	25.708	230.6	5.239	.0	1489.5	470.1	67.7
180.0	179.2	9.386	9.366	33.398	25.806	26.620	25.803	221.7	5.464	.0	1489.0	523.3	77.7
190.0	189.2	9.073	9.052	33.514	25.947	26.807	25.944	208.4	5.681	.0	1488.1	578.7	205.3
200.0	199.1	8.900	8.879	33.628	26.063	26.969	26.060	197.6	5.883	.0	1487.8	636.2	93.4
210.0	209.1	8.875	8.853	33.712	26.133	27.084	26.130	191.1	6.076	.0	1488.0	695.6	84.6
220.0	219.0	8.753	8.730	33.811	26.230	27.227	26.227	182.1	6.263	.0	1487.8	757.0	69.4
230.0	228.9	8.722	8.698	33.875	26.285	27.327	26.281	177.1	6.443	.0	1487.9	820.1	61.8
240.0	238.9	8.608	8.583	33.936	26.351	27.438	26.347	171.0	6.617	.0	1487.8	885.0	26.9
250.0	248.8	8.483	8.457	33.961	26.389	27.523	26.385	167.5	6.786	.0	1487.5	951.6	12.6
260.0	258.7	8.396	8.370	33.977	26.415	27.594	26.411	165.2	6.952	.0	1487.3	1019.8	19.3
270.0	268.7	8.254	8.227	33.982	26.441	27.667	26.437	162.8	7.116	.0	1487.0	1089.7	20.1
280.0	278.6	8.168	8.140	33.986	26.457	27.728	26.453	161.4	7.278	.0	1486.8	1161.2	-.4
290.0	288.5	8.042	8.013	33.992	26.480	27.798	26.476	159.3	7.438	.0	1486.5	1234.3	32.1
300.0	298.5	7.917	7.887	33.996	26.502	27.866	26.498	157.3	7.596	.0	1486.2	1309.0	29.2
310.0	308.4	7.708	7.678	33.998	26.534	27.944	26.529	154.4	7.752	.0	1485.5	1385.2	27.7
320.0	318.3	7.527	7.496	34.000	26.562	28.019	26.557	151.8	7.905	.0	1485.0	1462.9	14.8
330.0	328.3	7.406	7.374	34.001	26.580	28.083	26.575	150.2	8.056	.0	1484.7	1542.2	13.9
340.0	338.2	7.254	7.222	34.002	26.602	28.152	26.598	148.1	8.205	.0	1484.3	1622.9	25.8
350.0	348.1	7.111	7.078	34.005	26.625	28.221	26.620	146.0	8.352	.0	1483.9	1705.1	41.6
360.0	358.0	6.967	6.934	34.005	26.645	28.288	26.640	144.2	8.497	.0	1483.5	1788.7	4.7
370.0	368.0	6.877	6.842	34.006	26.658	28.347	26.653	143.0	8.640	.0	1483.3	1873.8	.9
380.0	377.9	6.820	6.785	34.006	26.665	28.401	26.660	142.4	8.783	.0	1483.2	1960.3	19.1
390.0	387.8	6.677	6.641	34.008	26.686	28.468	26.681	140.5	8.924	.0	1482.8	2048.1	22.2
400.0	397.7	6.563	6.527	34.009	26.702	28.531	26.697	139.0	9.064	.0	1482.5	2137.4	15.5
410.0	407.7	6.470	6.434	34.011	26.716	28.591	26.711	137.8	9.202	.0	1482.3	2228.1	12.3
420.0	417.6	6.361	6.324	34.015	26.733	28.655	26.729	136.1	9.339	.0	1482.1	2320.1	7.3
430.0	427.5	6.302	6.265	34.017	26.742	28.710	26.737	135.4	9.475	.0	1482.0	2413.4	25.4
440.0	437.4	6.157	6.118	34.025	26.768	28.783	26.763	133.0	9.609	.0	1481.6	2508.1	27.2
450.0	447.4	6.007	5.969	34.032	26.792	28.854	26.787	130.7	9.741	.0	1481.2	2604.1	23.3
460.0	457.3	5.889	5.850	34.038	26.812	28.921	26.807	128.8	9.871	.0	1480.9	2701.4	27.4
470.0	467.2	5.815	5.775	34.043	26.824	28.980	26.819	127.7	9.999	.0	1480.7	2799.9	13.0
480.0	477.1	5.686	5.646	34.050	26.846	29.049	26.841	125.6	10.126	.0	1480.4	2899.8	18.6
490.0	487.0	5.624	5.583	34.050	26.853	29.103	26.848	125.0	10.251	.0	1480.3	3000.8	4.8
500.0	497.0	5.552	5.510	34.055	26.866	29.162	26.861	123.8	10.375	.0	1480.2	3103.1	4.5
510.0	506.9	5.511	5.469	34.064	26.878	29.221	26.873	122.7	10.499	.0	1480.2	3206.6	38.8
520.0	516.8	5.443	5.400	34.068	26.890	29.279	26.885	121.7	10.621	.0	1480.1	3311.4	13.0
530.0	526.7	5.402	5.359	34.083	26.906	29.341	26.901	120.2	10.742	.0	1480.1	3417.3	10.4
540.0	536.6	5.339	5.294	34.096	26.924	29.406	26.919	118.6	10.862	.0	1480.0	3524.4	15.6
550.0	546.5	5.287	5.242	34.104	26.937	29.465	26.932	117.4	10.980	.0	1480.0	3632.7	26.5
560.0	556.5	5.194	5.149	34.115	26.957	29.531	26.951	115.6	11.096	.0	1479.8	3742.2	21.5
570.0	566.4	5.141	5.095	34.124	26.970	29.591	26.965	114.4	11.211	.0	1479.7	3852.8	23.5
580.0	576.3	5.091	5.044	34.133	26.983	29.650	26.978	113.2	11.325	.0	1479.7	3964.5	8.6
590.0	586.2	4.984	4.937	34.143	27.003	29.718	26.998	111.3	11.437	.0	1479.4	4077.3	11.8
600.0	596.1	4.935	4.888	34.150	27.014	29.775	27.009	110.3	11.548	.0	1479.4	4191.2	20.0
610.0	606.0	4.861	4.813	34.159	27.030	29.838	27.025	108.8	11.658	.0	1479.3	4306.2	21.7
620.0	615.9	4.800	4.751	34.168	27.044	29.898	27.039	107.5	11.766	.0	1479.2	4422.3	17.1
630.0	625.8	4.773	4.723	34.173	27.051	29.951	27.045	106.9	11.873	.0	1479.3	4539.5	10.3
640.0	635.8	4.808	4.758	34.191	27.061	30.007	27.056	106.1	11.979	.0	1479.6	4657.7	19.7
650.0	645.7	4.708	4.657	34.199	27.079	30.072	27.073	104.4	12.085	.0	1479.4	4776.9	15.6
660.0	655.6	4.666	4.614	34.211	27.093	30.133	27.088	103.1	12.188	.0	1479.4	4897.2	4.8
670.0	665.5	4.627	4.575	34.223	27.107	30.192	27.101	101.9	12.291	.0	1479.4	5018.5	12.4
680.0	675.4	4.599	4.546	34.234	27.119	30.251	27.113	100.8	12.392	.0	1479.4	5140.7	15.6
690.0	685.3	4.584	4.531	34.246	27.130	30.308	27.124	99.8	12.493	.0	1479.6	5264.0	2.1
700.0	695.2	4.580	4.526	34.254	27.137	30.360	27.131	99.3	12.592	.0	1479.7	5388.3	10.6
710.0	705.1	4.564	4.509	34.259	27.143	30.412	27.137	98.8	12.691	.0	1479.8	5513.5	13.6
720.0	715.0	4.526	4.470	34.267	27.153	30.469	27.147	97.8	12.789	.0	1479.8	5639.7	-1.1
730.0	724.9	4.526	4.470	34.273	27.158	30.520	27.152	97.5	12.887	.0	1480.0	5766.9	15.1
740.0	734.8	4.497	4.440	34.283	27.170	30.577	27.163	96.5	12.984	.0	1480.1	5895.0	1.9
750.0	744.7	4.471	4.413	34.296	27.182	30.636	27.176	95.4	13.080	.0	1480.1	6024.1	16.2
760.0	754.7	4.423	4.364	34.308	27.197	30.697	27.191	94.0	13.175	.0	1480.1	6154.1	11.3
770.0	764.5	4.387	4.328	34.316	27.208	30.754	27.201	93.0	13.268	.0	1480.2	6285.0	11.3
780.0	774.5	4.384	4.324	34.321	27.212	30.805	27.206	92.7	13.361	.0	1480.3	6416.9	6.9
790.0	784.3	4.329	4.269	34.330	27.225	30.864	27.219	91.5	13.454	.0	1480.3	6549.6	19.5
800.0	794.3	4.320	4.259	34.335	27.231	30.915	27.224	91.1	13.545	.0	1480.4	6683.3	11.3
810.0	804.2	4.294	4.232	34.343	27.239	30.970	27.233	90.3	13.635	.0	1480.5	6817.9	5.1
820.0	814.1	4.276	4.214	34.353	27.249	31.026	27.242	89.5	13.725	.0	1480.6	6953.3	8.6
830.0	824.0	4.256	4.193	34.358	27.255	31.078	27.249	88.9	13.814	.0	1480.6	7089.6	4.8
840.0	833.9	4.234	4.170	34.363	27.262	31.131	27.256	88.3	13.903	.0	1480.7	7226.8	3.7
850.0	843.8	4.184	4.120	34.369	27.272	31.188	27.265	87.4	13.991	.0	1480.7	7364.9	16.9
860.0	853.7	4.134	4.069	34.375	27.282	31.244	27.275	86.5	14.078	.0	1480.7	7503.8	16.6
870.0	863.5	4.112	4.047	34.382	27.289	31.298	27.283	85.8	14.164	.0	1480.7	7643.6	8.1
880.0	873.5	4.084	4.018	34.385	27.295	31.350	27.288	85.3	14.250	.0	1480.8	7784.2	5.1
890.0	883.3	4.056	3.989	34.393	27.304	31.405	27.297	84.5	14.335	.0	1480.8	7925.6	4.6
900.0	893.2	4.023	3.955	34.396	27.310	31.458	27.303	83.9	14.419	.0	1480.9	8067.9	4.9
910.0	903.1	4.019	3.951	34.403	27.317	31.510	27.310	83.5	14.503	.0	1481.0	8211.0	13.4
920.0	913.0	3.975	3.906	34.406	27.323	31.563	27.316	82.9	14.586	.0	1481.0	8354.9	11.3
930.0	922.9	3.954	3.885	34.409	27.328	31.614	27.321	82.4	14.669	.0	1481.1	8499.6	1.6
940.0	932.8	3.949	3.879	34.415	27.333	31.665	27.326	82.0	14.751	.0	1481.3	8645.2	1.7
950.0	942.7	3.923	3.852	34.422	27.342	31.719	27.334	81.3	14.833	.0	1481.3	8791.5	7.8
960.0	952.6	3.895	3.823	34.429	27.350	31.774	27.343	80.5	14.913	.0	1481.4	8938.7	6.9
970.0	962.5	3.882	3.810	34.432	27.354	31.824	27.347	80.2	14.994	.0	1481.5	9086.6	4.6
980.0	972.4	3.856	3.783	34.437	27.360	31.876	27.353	79.7	15.074	.0	1481.5	9235.3	7.8
990.0	982.3	3.834	3.760	34.442	27.367	31.929	27.360	79.1	15.153	.0	1481.6	9384.8	14.0

Station 106 Latitude 32° 21.93'N Longitude 127° 11.82'W 07 May 1991 GMT 16:17 Bottom 4150 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.799	3.725	34.447	27.375	31.983	27.367	78.4	15.232	.0	1481.6	9535.1	8.1
1020.0	1012.0	3.757	3.681	34.453	27.384	32.084	27.376	77.6	15.388	.0	1481.8	9837.9	2.3
1040.0	1031.7	3.721	3.644	34.458	27.392	32.184	27.384	76.9	15.542	.0	1482.0	10143.8	7.3
1060.0	1051.5	3.659	3.582	34.467	27.405	32.291	27.397	75.7	15.695	.0	1482.1	10452.7	4.3
1080.0	1071.3	3.618	3.539	34.474	27.414	32.392	27.407	74.9	15.845	.0	1482.2	10764.5	1.1
1100.0	1091.1	3.576	3.496	34.480	27.423	32.493	27.415	74.1	15.995	.0	1482.4	11079.3	7.9
1120.0	1110.8	3.520	3.438	34.487	27.434	32.597	27.426	73.1	16.142	.0	1482.5	11396.9	3.2
1140.0	1130.6	3.489	3.406	34.491	27.441	32.695	27.433	72.6	16.288	.0	1482.7	11717.5	5.8
1160.0	1150.4	3.444	3.360	34.496	27.449	32.796	27.441	71.8	16.432	.0	1482.9	12040.8	5.0
1180.0	1170.1	3.402	3.316	34.501	27.457	32.896	27.449	71.1	16.575	.0	1483.0	12367.0	2.9
1200.0	1189.9	3.351	3.264	34.506	27.466	32.998	27.458	70.3	16.716	.0	1483.1	12696.0	7.6
1220.0	1209.6	3.305	3.217	34.510	27.474	33.098	27.465	69.6	16.856	.0	1483.3	13027.7	1.2
1240.0	1229.4	3.261	3.172	34.514	27.481	33.198	27.473	68.9	16.995	.0	1483.4	13362.1	2.7
1260.0	1249.2	3.234	3.143	34.515	27.485	33.294	27.477	68.6	17.132	.0	1483.6	13699.2	4.4
1280.0	1268.9	3.193	3.101	34.520	27.493	33.393	27.484	67.9	17.269	.0	1483.8	14038.9	4.2
1300.0	1288.7	3.158	3.065	34.525	27.500	33.493	27.491	67.3	17.404	.0	1484.0	14381.4	4.2
1320.0	1308.4	3.119	3.025	34.528	27.506	33.591	27.498	66.7	17.538	.0	1484.2	14726.4	4.2
1340.0	1328.2	3.091	2.995	34.529	27.509	33.686	27.501	66.5	17.671	.0	1484.4	15074.1	2.1
1360.0	1347.9	3.048	2.951	34.532	27.516	33.786	27.507	65.8	17.803	.0	1484.5	15424.3	3.6
1380.0	1367.7	3.027	2.929	34.537	27.522	33.883	27.513	65.4	17.934	.0	1484.8	15777.1	-.2
1400.0	1387.4	2.992	2.892	34.539	27.527	33.980	27.518	64.9	18.065	.0	1485.0	16132.5	1.0
1420.0	1407.1	2.965	2.865	34.542	27.532	34.076	27.522	64.6	18.194	.0	1485.2	16490.4	7.2
1440.0	1426.9	2.935	2.833	34.544	27.536	34.173	27.527	64.2	18.323	.0	1485.4	16850.8	3.4
1460.0	1446.6	2.910	2.806	34.546	27.540	34.268	27.531	63.8	18.451	.0	1485.6	17213.6	-2.5
1480.0	1466.3	2.878	2.773	34.550	27.546	34.366	27.537	63.3	18.578	.0	1485.8	17579.0	4.0
1500.0	1486.1	2.835	2.729	34.554	27.553	34.466	27.544	62.6	18.704	.0	1486.0	17946.8	6.6
1520.0	1505.8	2.802	2.695	34.557	27.559	34.563	27.549	62.1	18.829	.0	1486.2	18317.1	4.9
1540.0	1525.5	2.761	2.652	34.560	27.565	34.662	27.556	61.5	18.952	.0	1486.3	18689.8	1.7
1560.0	1545.3	2.724	2.615	34.563	27.570	34.759	27.561	61.0	19.075	.0	1486.5	19064.9	6.4
1580.0	1565.0	2.703	2.592	34.563	27.573	34.853	27.563	60.8	19.197	.0	1486.7	19442.3	2.9
1600.0	1584.7	2.655	2.543	34.567	27.580	34.953	27.570	60.1	19.317	.0	1486.9	19822.1	3.2
1620.0	1604.4	2.619	2.506	34.572	27.587	35.052	27.577	59.4	19.437	.0	1487.1	20204.3	3.2
1640.0	1624.2	2.594	2.479	34.575	27.592	35.148	27.582	59.0	19.555	.0	1487.3	20588.7	7.0
1660.0	1643.9	2.562	2.446	34.578	27.597	35.246	27.587	58.5	19.672	.0	1487.5	20975.4	4.4
1680.0	1663.6	2.538	2.420	34.579	27.601	35.340	27.590	58.2	19.789	.0	1487.7	21364.4	3.8
1700.0	1683.3	2.506	2.388	34.582	27.605	35.437	27.595	57.7	19.905	.0	1487.9	21755.7	4.1
1720.0	1703.0	2.485	2.365	34.583	27.608	35.531	27.598	57.5	20.020	.0	1488.2	22149.1	2.4
1740.0	1722.7	2.461	2.339	34.585	27.612	35.627	27.602	57.1	20.135	.0	1488.4	22544.9	.0
1760.0	1742.4	2.428	2.305	34.588	27.617	35.723	27.607	56.7	20.248	.0	1488.6	22942.8	2.1
1780.0	1762.1	2.387	2.264	34.590	27.622	35.821	27.612	56.1	20.361	.0	1488.8	23342.9	1.5
1800.0	1781.8	2.371	2.246	34.593	27.626	35.916	27.616	55.8	20.473	.0	1489.0	23745.2	-.2
1820.0	1801.5	2.352	2.225	34.594	27.628	36.009	27.618	55.6	20.584	.0	1489.3	24149.6	1.8
1840.0	1821.2	2.330	2.202	34.596	27.631	36.104	27.621	55.3	20.695	.0	1489.5	24556.2	1.0
1860.0	1840.9	2.299	2.170	34.599	27.637	36.201	27.626	54.7	20.806	.0	1489.7	24965.0	1.3
1880.0	1860.6	2.281	2.150	34.601	27.640	36.295	27.629	54.5	20.915	.0	1490.0	25375.8	-.5
1900.0	1880.3	2.262	2.130	34.603	27.644	36.390	27.633	54.2	21.024	.0	1490.2	25788.8	1.9
1920.0	1900.0	2.236	2.103	34.605	27.647	36.485	27.636	53.9	21.132	.0	1490.5	26203.9	-1.0
1940.0	1919.7	2.210	2.075	34.607	27.651	36.580	27.640	53.5	21.239	.0	1490.7	26621.0	4.8
1960.0	1939.4	2.191	2.055	34.609	27.654	36.674	27.643	53.2	21.346	.0	1490.9	27040.2	1.9
1980.0	1959.1	2.171	2.034	34.611	27.657	36.769	27.646	52.9	21.452	.0	1491.2	27461.5	2.2
2000.0	1978.8	2.151	2.012	34.612	27.660	36.863	27.649	52.6	21.558	.0	1491.4	27884.8	1.4
2050.0	2028.0	2.100	1.957	34.617	27.668	37.098	27.657	51.9	21.818	.0	1492.1	28952.0	2.3
2098.0	2075.2	2.061	1.915	34.621	27.675	37.323	27.663	51.3	22.066	.0	1492.7	29988.2	.0

Station 107 Latitude 32° 28.50'N Longitude 127° 08.79'W 07 May 1991 GMT 18:50 Bottom 4480 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.826	15.826	33.341	24.512	24.512	24.512	341.2	.000	.0	1508.0	.0	.0
10.0	10.0	15.654	15.653	33.167	24.417	24.461	24.416	350.6	.346	.0	1507.4	1.7	182.4
20.0	19.9	15.043	15.040	33.120	24.515	24.603	24.514	341.6	.689	.0	1505.5	6.9	13.3
30.0	29.9	14.963	14.958	33.113	24.527	24.659	24.526	340.7	1.030	.0	1505.4	15.4	55.5
40.0	39.9	14.831	14.825	33.142	24.578	24.755	24.577	336.1	1.369	.0	1505.2	27.4	91.5
50.0	49.8	14.235	14.228	33.155	24.715	24.937	24.713	323.3	1.699	.0	1503.5	42.7	54.5
60.0	59.8	14.269	14.261	33.201	24.744	25.009	24.742	320.9	2.021	.0	1503.8	61.2	35.5
70.0	69.7	14.353	14.342	33.246	24.761	25.071	24.759	319.5	2.341	.0	1504.3	82.9	17.6
80.0	79.7	14.357	14.345	33.270	24.779	25.133	24.777	318.1	2.660	.0	1504.5	107.8	18.2
90.0	89.7	14.336	14.323	33.293	24.802	25.200	24.799	316.3	2.977	.0	1504.6	135.9	28.5
100.0	99.6	13.939	13.925	33.270	24.867	25.310	24.864	310.3	3.291	.0	1503.5	167.1	100.7
110.0	109.6	13.087	13.073	33.235	25.012	25.502	25.009	296.6	3.595	.0	1500.7	201.4	202.2
120.0	119.5	11.390	11.375	33.170	25.284	25.822	25.281	270.6	3.880	.0	1495.0	238.6	148.3
130.0	129.5	10.810	10.795	33.154	25.375	25.959	25.372	262.0	4.148	.0	1493.1	278.6	112.7
140.0	139.4	10.368	10.351	33.138	25.439	26.070	25.437	256.0	4.407	.0	1491.6	321.2	49.1
150.0	149.4	9.981	9.965	33.167	25.528	26.204	25.525	247.7	4.658	.0	1490.4	366.3	24.4
160.0	159.3	9.814	9.796	33.206	25.586	26.308	25.583	242.3	4.904	.0	1490.0	413.8	68.3
170.0	169.3	9.673	9.654	33.288	25.673	26.441	25.670	234.2	5.143	.0	1489.8	463.8	94.7
180.0	179.2	9.320	9.300	33.368	25.793	26.607	25.790	222.9	5.372	.0	1488.7	516.1	192.1
190.0	189.1	9.376	9.356	33.542	25.920	26.779	25.917	211.1	5.588	.0	1489.3	570.6	54.5
200.0	199.1	9.373	9.352	33.647	26.003	26.907	26.000	203.4	5.797	.0	1489.6	627.2	147.4
210.0	209.0	9.363	9.340	33.706	26.051	27.000	26.047	199.1	5.998	.0	1489.8	685.8	20.6
220.0	219.0	9.153	9.129	33.738	26.110	27.105	26.106	193.6	6.195	.0	1489.2	746.4	135.1
230.0	228.9	9.143	9.118	33.835	26.188	27.228	26.184	186.5	6.385	.0	1489.5	808.9	11.5
240.0	238.9	8.846	8.821	33.873	26.264	27.351	26.260	179.3	6.569	.0	1488.6	873.3	75.3
250.0	248.8	8.731	8.704	33.915	26.315	27.447	26.311	174.6	6.746	.0	1488.4	939.5	51.3
260.0	258.7	8.609	8.582	33.969	26.377	27.555	26.372	168.9	6.918	.0	1488.1	1007.3	23.7
270.0	268.7	8.577	8.549	34.010	26.414	27.637	26.410	165.6	7.085	.0	1488.2	1076.9	46.0
280.0	278.6	8.518	8.489	34.040	26.446	27.715	26.442	162.6	7.249	.0	1488.2	1148.1	33.4
290.0	288.5	8.413	8.384	34.060	26.478	27.793	26.474	159.8	7.410	.0	1488.0	1220.9	14.4
300.0	298.5	8.285	8.254	34.073	26.508	27.869	26.503	157.0	7.569	.0	1487.7	1295.3	32.5
310.0	308.4	8.178	8.146	34.090	26.538	27.945	26.533	154.3	7.725	.0	1487.5	1371.2	44.2
320.0	318.3	8.008	7.975	34.095	26.567	28.020	26.562	151.7	7.878	.0	1487.0	1448.7	18.7
330.0	328.3	7.887	7.854	34.086	26.577	28.077	26.573	150.8	8.029	.0	1486.7	1527.7	21.3
340.0	338.2	7.756	7.722	34.089	26.600	28.145	26.594	148.8	8.179	.0	1486.3	1608.1	51.2
350.0	348.1	7.632	7.597	34.090	26.618	28.210	26.613	147.1	8.326	.0	1486.0	1690.1	4.3
360.0	358.0	7.481	7.446	34.093	26.642	28.281	26.637	144.8	8.473	.0	1485.6	1773.5	27.1
370.0	368.0	7.437	7.402	34.092	26.648	28.332	26.643	144.4	8.617	.0	1485.6	1858.3	20.1
380.0	377.9	7.282	7.246	34.097	26.674	28.405	26.669	142.0	8.760	.0	1485.2	1944.6	12.7
390.0	387.8	7.090	7.053	34.103	26.705	28.483	26.700	139.1	8.901	.0	1484.6	2032.2	22.9
400.0	397.7	6.939	6.902	34.099	26.723	28.548	26.718	137.4	9.039	.0	1484.1	2121.2	8.6
410.0	407.7	6.572	6.535	34.053	26.736	28.610	26.731	136.0	9.175	.0	1482.8	2211.6	25.5
420.0	417.6	6.189	6.152	34.020	26.759	28.683	26.754	133.6	9.310	.0	1481.4	2303.3	13.7
430.0	427.5	6.132	6.094	34.020	26.767	28.736	26.762	132.9	9.443	.0	1481.3	2396.4	11.6
440.0	437.4	6.254	6.215	34.066	26.788	28.802	26.783	131.2	9.575	.0	1482.0	2490.7	16.9
450.0	447.4	6.044	6.005	34.063	26.812	28.874	26.807	128.8	9.706	.0	1481.4	2586.4	39.4
460.0	457.3	6.107	6.067	34.090	26.825	28.932	26.820	127.8	9.834	.0	1481.8	2683.3	28.0
470.0	467.2	5.993	5.953	34.088	26.838	28.992	26.833	126.6	9.961	.0	1481.5	2781.5	-.1
480.0	477.1	5.965	5.923	34.097	26.849	29.048	26.844	125.7	10.087	.0	1481.6	2881.0	13.4
490.0	487.0	5.741	5.700	34.088	26.869	29.117	26.864	123.6	10.211	.0	1480.8	2981.6	6.6
500.0	497.0	5.811	5.768	34.116	26.883	29.176	26.878	122.5	10.335	.0	1481.3	3083.5	27.7
510.0	506.9	5.684	5.641	34.120	26.902	29.242	26.897	120.8	10.456	.0	1481.0	3186.6	.2
520.0	516.8	5.655	5.611	34.131	26.914	29.300	26.909	119.7	10.577	.0	1481.0	3290.9	22.7
530.0	526.7	5.683	5.638	34.150	26.926	29.356	26.920	118.8	10.696	.0	1481.3	3396.4	16.0
540.0	536.6	5.589	5.544	34.163	26.947	29.425	26.942	116.7	10.814	.0	1481.1	3503.1	17.8
550.0	546.5	5.428	5.383	34.161	26.966	29.491	26.960	114.9	10.930	.0	1480.6	3610.9	20.4
560.0	556.5	5.342	5.296	34.168	26.981	29.553	26.976	113.5	11.044	.0	1480.4	3719.8	16.5
570.0	566.4	5.364	5.317	34.186	26.993	29.611	26.988	112.5	11.157	.0	1480.7	3829.9	4.8
580.0	576.3	5.324	5.276	34.196	27.006	29.669	27.000	111.4	11.269	.0	1480.7	3941.0	6.3
590.0	586.2	5.267	5.219	34.205	27.019	29.729	27.014	110.2	11.380	.0	1480.7	4053.3	12.5
600.0	596.1	5.225	5.176	34.217	27.035	29.791	27.029	108.8	11.490	.0	1480.7	4166.7	9.8
610.0	606.0	5.151	5.102	34.226	27.050	29.853	27.044	107.4	11.598	.0	1480.6	4281.1	17.1
620.0	615.9	5.093	5.043	34.232	27.062	29.911	27.056	106.3	11.705	.0	1480.5	4396.6	15.4
630.0	625.8	5.086	5.035	34.250	27.076	29.972	27.071	105.0	11.810	.0	1480.7	4513.1	8.7
640.0	635.8	5.032	4.981	34.260	27.091	30.032	27.085	103.7	11.915	.0	1480.6	4630.6	15.1
650.0	645.7	4.997	4.945	34.263	27.097	30.085	27.092	103.1	12.018	.0	1480.6	4749.2	15.4
660.0	655.6	4.932	4.879	34.272	27.112	30.147	27.106	101.7	12.120	.0	1480.5	4868.8	14.5
670.0	665.5	4.913	4.859	34.282	27.122	30.203	27.116	100.9	12.222	.0	1480.6	4989.4	1.6
680.0	675.4	4.835	4.781	34.284	27.133	30.260	27.127	99.9	12.322	.0	1480.5	5111.0	12.2
690.0	685.3	4.771	4.717	34.288	27.143	30.317	27.137	98.9	12.422	.0	1480.4	5233.6	9.5
700.0	695.2	4.773	4.717	34.308	27.158	30.378	27.152	97.6	12.520	.0	1480.6	5357.1	22.1
710.0	705.1	4.672	4.616	34.315	27.175	30.442	27.169	96.0	12.616	.0	1480.3	5481.6	8.3
720.0	715.0	4.659	4.602	34.324	27.184	30.497	27.178	95.2	12.712	.0	1480.5	5607.1	15.7
730.0	724.9	4.597	4.540	34.328	27.195	30.554	27.188	94.2	12.807	.0	1480.4	5733.5	5.4
740.0	734.8	4.522	4.465	34.327	27.201	30.608	27.195	93.6	12.901	.0	1480.2	5860.8	8.6
750.0	744.7	4.477	4.419	34.333	27.211	30.664	27.205	92.7	12.994	.0	1480.2	5989.0	3.9
760.0	754.6	4.485	4.426	34.346	27.221	30.719	27.214	91.9	13.086	.0	1480.4	6118.2	14.2
770.0	764.5	4.471	4.411	34.353	27.228	30.773	27.222	91.3	13.178	.0	1480.6	6248.2	8.6
780.0	774.4	4.483	4.422	34.368	27.239	30.829	27.233	90.4	13.269	.0	1480.8	6379.1	9.5
790.0	784.3	4.447	4.386	34.374	27.247	30.883	27.240	89.7	13.359	.0	1480.8	6511.0	2.8
800.0	794.2	4.388	4.326	34.375	27.254	30.938	27.248	89.0	13.448	.0	1480.7	6643.7	7.8
810.0	804.1	4.293	4.231	34.371	27.261	30.992	27.255	88.2	13.537	.0	1480.5	6777.3	12.2
820.0	814.0	4.265	4.203	34.375	27.268	31.045	27.261	87.7	13.625	.0	1480.5	6911.7	10.7
830.0	823.9	4.288	4.225	34.387	27.275	31.097	27.269	87.1	13.712	.0	1480.8	7047.0	8.1
840.0	833.8	4.268	4.204	34.394	27.283	31.151	27.276	86.5	13.799	.0	1480.9	7183.2	6.0
850.0	843.7	4.175	4.111	34.391	27.290	31.206	27.284	85.7	13.885	.0	1480.7	7320.2	9.5
860.0	853.6	4.133	4.068	34.396	27.299	31.261	27.292	84.9	13.970	.0	1480.7	7458.1	13.9
870.0	863.5	4.105	4.040	34.403	27.308	31.316	27.301	84.1	14.054	.0	1480.7	7596.8	6.3
880.0	873.4	4.069	4.003	34.405	27.313	31.367	27.306	83.7	14.138	.0	1480.8	7736.3	11.9
890.0	883.3	4.020	3.953	34.409	27.321	31.423	27.314	82.9	14.222	.0	1480.7	7876.6	12.2
900.0	893.2	3.980	3.913	34.414	27.329	31.477	27.322	82.1	14.304	.0	1480.7	8017.7	3.7
910.0	903.1	3.968	3.900	34.415	27.331	31.525	27.324	82.0	14.386	.0	1480.8	8159.7	3.1
920.0	913.0	3.953	3.884	34.420	27.336	31.576	27.330	81.6	14.468	.0	1480.9	8302.4	.8
930.0	922.9	3.937	3.868	34.424	27.342	31.628	27.335	81.1	14.549	.0	1481.0	8446.0	2.8
940.0	932.8	3.909	3.839	34.429	27.348	31.680	27.341	80.5	14.630	.0	1481.1	8590.3	6.6
950.0	942.7	3.872	3.802	34.436	27.358	31.736	27.351	79.7	14.710	.0	1481.1	8735.5	16.6
960.0	952.6	3.859	3.788	34.438	27.361	31.785	27.354	79.4	14.790	.0	1481.2	8881.4	5.8
970.0	962.5	3.835	3.763	34.443	27.367	31.838	27.360	78.9	14.869	.0	1481.3	9028.1	13.1
980.0	972.4	3.801	3.728	34.447	27.374	31.892	27.367	78.2	14.948	.0	1481.3	9175.6	11.6
990.0	982.3	3.770	3.697	34.451	27.380	31.944	27.373	77.7	15.026	.0	1481.4	9323.8	1.7

Station 107 Latitude 32° 28.50'N Longitude 127° 08.79'W 07 May 1991 GMT 18:50 Bottom 4480 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.736	3.662	34.453	27.386	31.996	27.378	77.2	15.103	.0	1481.4	9472.8	3.7
1020.0	1011.9	3.683	3.608	34.462	27.398	32.100	27.390	76.1	15.256	.0	1481.5	9773.0	2.8
1040.0	1031.7	3.651	3.575	34.466	27.405	32.200	27.397	75.5	15.408	.0	1481.7	10076.3	2.6
1060.0	1051.5	3.599	3.522	34.474	27.416	32.304	27.409	74.5	15.558	.0	1481.8	10382.5	2.0
1080.0	1071.3	3.565	3.486	34.484	27.427	32.407	27.420	73.5	15.706	.0	1482.0	10691.6	5.5
1100.0	1091.0	3.522	3.442	34.489	27.436	32.507	27.428	72.8	15.852	.0	1482.2	11003.6	3.2
1120.0	1110.8	3.490	3.409	34.493	27.442	32.605	27.434	72.3	15.998	.0	1482.4	11318.4	4.7
1140.0	1130.6	3.461	3.378	34.499	27.449	32.705	27.441	71.7	16.142	.0	1482.6	11636.0	3.2
1160.0	1150.3	3.420	3.336	34.503	27.457	32.805	27.449	71.0	16.284	.0	1482.8	11956.5	7.3
1180.0	1170.1	3.380	3.294	34.506	27.463	32.903	27.455	70.5	16.426	.0	1482.9	12279.7	4.4
1200.0	1189.9	3.333	3.247	34.511	27.472	33.005	27.464	69.7	16.566	.0	1483.1	12605.7	6.5
1220.0	1209.6	3.278	3.191	34.515	27.480	33.105	27.472	68.9	16.704	.0	1483.2	12934.4	4.1
1240.0	1229.4	3.246	3.157	34.517	27.485	33.202	27.477	68.5	16.842	.0	1483.4	13265.8	3.5
1260.0	1249.1	3.208	3.118	34.521	27.492	33.301	27.483	67.9	16.978	.0	1483.5	13599.9	3.3
1280.0	1268.9	3.178	3.086	34.524	27.497	33.399	27.489	67.5	17.113	.0	1483.7	13936.6	2.7
1300.0	1288.6	3.152	3.059	34.526	27.501	33.494	27.493	67.1	17.248	.0	1484.0	14275.9	2.4
1320.0	1308.4	3.115	3.020	34.527	27.506	33.591	27.497	66.7	17.382	.0	1484.1	14617.9	.9
1340.0	1328.1	3.084	2.988	34.532	27.512	33.689	27.503	66.2	17.515	.0	1484.4	14962.5	.1
1360.0	1347.9	3.050	2.954	34.535	27.518	33.787	27.509	65.7	17.647	.0	1484.5	15309.6	5.1
1380.0	1367.6	3.016	2.917	34.539	27.525	33.886	27.516	65.1	17.778	.0	1484.7	15659.3	3.3
1400.0	1387.4	2.983	2.883	34.541	27.529	33.982	27.520	64.7	17.908	.0	1484.9	16011.6	1.3
1420.0	1407.1	2.942	2.841	34.545	27.536	34.082	27.527	64.0	18.037	.0	1485.1	16366.4	8.0
1440.0	1426.8	2.917	2.815	34.546	27.539	34.176	27.530	63.8	18.165	.0	1485.3	16723.6	6.9
1460.0	1446.6	2.877	2.774	34.550	27.546	34.276	27.537	63.1	18.291	.0	1485.5	17083.4	-1.3
1480.0	1466.3	2.853	2.748	34.553	27.551	34.372	27.542	62.8	18.417	.0	1485.7	17445.6	3.4
1500.0	1486.0	2.833	2.727	34.554	27.554	34.466	27.545	62.5	18.543	.0	1486.0	17810.2	3.4
1520.0	1505.8	2.811	2.704	34.557	27.558	34.562	27.548	62.2	18.667	.0	1486.2	18177.3	4.6
1540.0	1525.5	2.784	2.676	34.559	27.563	34.658	27.553	61.8	18.791	.0	1486.4	18546.8	3.1
1560.0	1545.2	2.759	2.649	34.562	27.567	34.754	27.557	61.4	18.914	.0	1486.7	18918.7	3.1
1580.0	1564.9	2.734	2.623	34.566	27.573	34.852	27.563	60.9	19.037	.0	1486.9	19293.0	4.3
1600.0	1584.7	2.691	2.578	34.568	27.578	34.949	27.568	60.4	19.158	.0	1487.0	19669.7	2.3
1620.0	1604.4	2.653	2.539	34.570	27.583	35.046	27.573	59.9	19.278	.0	1487.2	20048.7	-2.7
1640.0	1624.1	2.630	2.515	34.573	27.587	35.142	27.577	59.6	19.398	.0	1487.4	20430.0	4.4
1660.0	1643.8	2.589	2.473	34.575	27.592	35.239	27.582	59.0	19.517	.0	1487.6	20813.6	7.9
1680.0	1663.6	2.550	2.433	34.577	27.598	35.337	27.588	58.5	19.634	.0	1487.8	21199.6	1.5
1700.0	1683.3	2.511	2.392	34.579	27.603	35.434	27.593	58.0	19.751	.0	1487.9	21587.8	5.3
1720.0	1703.0	2.474	2.354	34.582	27.608	35.531	27.597	57.5	19.866	.0	1488.1	21978.2	.9
1740.0	1722.7	2.447	2.326	34.584	27.612	35.628	27.602	57.0	19.980	.0	1488.3	22370.9	3.2
1760.0	1742.4	2.412	2.289	34.589	27.619	35.726	27.609	56.4	20.094	.0	1488.5	22765.8	1.5
1780.0	1762.1	2.376	2.252	34.592	27.625	35.824	27.614	55.8	20.206	.0	1488.7	23162.8	2.7
1800.0	1781.8	2.361	2.236	34.596	27.629	35.920	27.619	55.4	20.317	.0	1489.0	23562.0	2.7
1820.0	1801.5	2.334	2.208	34.598	27.633	36.015	27.623	55.0	20.427	.0	1489.2	23963.4	1.2
1840.0	1821.2	2.306	2.179	34.601	27.638	36.111	27.627	54.6	20.537	.0	1489.4	24366.9	3.6
1860.0	1840.9	2.279	2.150	34.603	27.642	36.207	27.631	54.2	20.646	.0	1489.6	24772.5	2.1
1880.0	1860.6	2.255	2.125	34.604	27.645	36.301	27.634	53.9	20.754	.0	1489.9	25180.2	2.5
1900.0	1880.3	2.231	2.099	34.607	27.649	36.397	27.638	53.5	20.861	.0	1490.1	25590.0	2.2
1920.0	1900.0	2.217	2.083	34.608	27.651	36.490	27.640	53.4	20.969	.0	1490.4	26001.8	-.4
1940.0	1919.7	2.194	2.060	34.611	27.656	36.586	27.645	53.0	21.075	.0	1490.6	26415.7	.7
1960.0	1939.3	2.175	2.039	34.612	27.658	36.679	27.647	52.8	21.181	.0	1490.9	26831.7	-.1
1980.0	1959.0	2.159	2.022	34.615	27.661	36.773	27.650	52.5	21.286	.0	1491.1	27249.7	2.2
2000.0	1978.7	2.137	1.998	34.617	27.665	36.868	27.654	52.1	21.391	.0	1491.4	27669.8	.5
2050.0	2027.9	2.090	1.947	34.620	27.671	37.102	27.660	51.6	21.650	.0	1492.0	28728.6	5.2
2094.0	2071.2	2.061	1.915	34.623	27.676	37.306	27.665	51.2	21.875	.0	1492.6	29670.7	.0

Station 108 Latitude 32° 42.03'N Longitude 127° 01.93'W 07 May 1991 GMT 21:41 Bottom 4380 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.883	15.883	33.341	24.499	24.499	24.499	342.5	.000	.0	1508.1	.0	.0
10.0	10.0	15.491	15.490	33.251	24.518	24.562	24.517	341.0	.342	.0	1507.0	1.7	-2.7
20.0	19.9	15.342	15.339	33.232	24.535	24.624	24.535	339.6	.683	.0	1506.6	6.8	144.0
30.0	29.9	14.749	14.745	33.165	24.613	24.746	24.612	332.5	1.018	.0	1504.8	15.3	31.4
40.0	39.8	14.894	14.888	33.241	24.641	24.817	24.639	330.2	1.349	.0	1505.5	27.1	11.3
50.0	49.8	14.510	14.503	33.206	24.696	24.917	24.695	325.1	1.677	.0	1504.4	42.2	32.6
60.0	59.8	13.788	13.780	33.078	24.748	25.015	24.747	320.4	2.000	.0	1502.1	60.5	2.3
70.0	69.7	13.983	13.973	33.153	24.766	25.076	24.764	319.0	2.320	.0	1503.0	82.0	52.4
80.0	79.7	14.196	14.185	33.243	24.792	25.146	24.790	316.9	2.638	.0	1503.9	106.7	26.7
90.0	89.7	14.380	14.367	33.316	24.810	25.208	24.807	315.5	2.954	.0	1504.8	134.5	9.2
100.0	99.6	14.444	14.429	33.347	24.821	25.263	24.818	314.8	3.269	.0	1505.2	165.5	30.0
110.0	109.6	14.575	14.559	33.439	24.864	25.350	24.861	310.9	3.582	.0	1505.9	199.6	62.5
120.0	119.5	14.139	14.122	33.416	24.938	25.469	24.935	304.1	3.889	.0	1504.6	236.8	168.7
130.0	129.5	12.677	12.660	33.304	25.147	25.726	25.143	284.2	4.185	.0	1499.8	277.0	251.3
140.0	139.4	11.767	11.749	33.293	25.311	25.937	25.308	268.6	4.461	.0	1496.8	320.0	94.2
150.0	149.4	10.753	10.735	33.237	25.450	26.125	25.447	255.3	4.723	.0	1493.3	365.7	190.4
160.0	159.3	10.221	10.203	33.332	25.616	26.337	25.613	239.6	4.971	.0	1491.7	414.0	186.8
170.0	169.3	9.546	9.528	33.319	25.718	26.487	25.715	229.9	5.206	.0	1489.3	464.6	178.1
180.0	179.2	9.329	9.309	33.431	25.841	26.655	25.838	218.4	5.430	.0	1488.8	517.5	39.3
190.0	189.2	9.286	9.266	33.521	25.918	26.777	25.915	211.3	5.646	.0	1488.9	572.5	112.5
200.0	199.1	9.308	9.286	33.645	26.012	26.916	26.008	202.6	5.853	.0	1489.4	629.7	111.4
210.0	209.0	9.170	9.147	33.762	26.126	27.076	26.122	191.9	6.049	.0	1489.2	688.9	68.9
220.0	219.0	9.103	9.080	33.832	26.191	27.187	26.188	185.9	6.238	.0	1489.2	749.9	83.2
230.0	228.9	8.943	8.919	33.894	26.265	27.306	26.262	179.0	6.421	.0	1488.8	812.8	69.5
240.0	238.9	8.846	8.821	33.927	26.307	27.393	26.303	175.3	6.597	.0	1488.6	877.5	30.8
250.0	248.8	8.698	8.672	33.962	26.357	27.490	26.353	170.6	6.770	.0	1488.3	943.9	25.5
260.0	258.7	8.543	8.516	33.989	26.402	27.580	26.398	166.5	6.938	.0	1487.9	1012.0	42.8
270.0	268.6	8.427	8.399	34.003	26.431	27.656	26.427	163.8	7.103	.0	1487.6	1081.8	11.1
280.0	278.6	8.291	8.262	34.026	26.470	27.741	26.466	160.3	7.265	.0	1487.3	1153.1	13.1
290.0	288.5	8.180	8.150	34.033	26.493	27.809	26.488	158.2	7.424	.0	1487.1	1226.1	7.6
300.0	298.5	8.142	8.111	34.050	26.511	27.873	26.507	156.6	7.582	.0	1487.1	1300.6	17.2
310.0	308.4	8.058	8.027	34.059	26.531	27.939	26.527	154.9	7.738	.0	1487.0	1376.7	28.9
320.0	318.3	7.925	7.893	34.062	26.553	28.007	26.548	152.9	7.892	.0	1486.6	1454.3	39.2
330.0	328.2	7.765	7.733	34.062	26.577	28.077	26.572	150.7	8.044	.0	1486.2	1533.4	16.3
340.0	338.2	7.586	7.552	34.070	26.609	28.156	26.604	147.7	8.193	.0	1485.6	1614.0	17.1
350.0	348.1	7.452	7.418	34.073	26.630	28.224	26.625	145.8	8.340	.0	1485.3	1696.1	18.0
360.0	358.0	7.289	7.254	34.080	26.659	28.299	26.654	143.1	8.484	.0	1484.8	1779.6	21.2
370.0	368.0	7.203	7.168	34.079	26.670	28.357	26.666	142.1	8.627	.0	1484.7	1864.5	25.9
380.0	377.9	7.026	6.990	34.084	26.699	28.432	26.694	139.5	8.768	.0	1484.1	1950.9	8.6
390.0	387.8	6.966	6.929	34.086	26.709	28.488	26.704	138.6	8.907	.0	1484.1	2038.6	8.0
400.0	397.7	6.881	6.844	34.094	26.727	28.552	26.722	137.0	9.045	.0	1483.9	2127.7	12.6
410.0	407.6	6.766	6.728	34.098	26.745	28.618	26.740	135.3	9.181	.0	1483.6	2218.1	5.9
420.0	417.6	6.713	6.674	34.106	26.758	28.677	26.753	134.1	9.316	.0	1483.6	2309.9	6.8
430.0	427.5	6.599	6.560	34.107	26.774	28.739	26.769	132.7	9.449	.0	1483.3	2403.0	21.7
440.0	437.4	6.491	6.452	34.114	26.795	28.806	26.789	130.8	9.581	.0	1483.0	2497.4	23.1
450.0	447.4	6.461	6.420	34.124	26.807	28.864	26.802	129.8	9.711	.0	1483.1	2593.1	10.6
460.0	457.3	6.234	6.194	34.108	26.823	28.929	26.818	128.1	9.841	.0	1482.3	2690.1	27.8
470.0	467.2	6.150	6.109	34.117	26.841	28.993	26.836	126.5	9.968	.0	1482.2	2788.4	15.8
480.0	477.1	6.196	6.154	34.140	26.854	29.050	26.848	125.5	10.094	.0	1482.6	2887.9	17.5
490.0	487.0	6.132	6.089	34.148	26.868	29.111	26.863	124.2	10.219	.0	1482.5	2988.6	20.8
500.0	496.9	6.053	6.009	34.147	26.878	29.167	26.872	123.3	10.342	.0	1482.3	3090.6	18.4
510.0	506.9	5.951	5.907	34.148	26.892	29.228	26.886	122.1	10.465	.0	1482.1	3193.8	15.5
520.0	516.8	5.893	5.848	34.150	26.900	29.282	26.894	121.3	10.587	.0	1482.0	3298.2	14.9
530.0	526.7	5.786	5.741	34.162	26.923	29.352	26.917	119.2	10.707	.0	1481.8	3403.8	15.5
540.0	536.6	5.659	5.614	34.162	26.939	29.415	26.933	117.7	10.825	.0	1481.4	3510.5	5.2
550.0	546.5	5.583	5.537	34.167	26.952	29.475	26.946	116.5	10.943	.0	1481.3	3618.4	9.0
560.0	556.4	5.509	5.462	34.175	26.967	29.537	26.962	115.0	11.058	.0	1481.1	3727.5	21.0
570.0	566.4	5.447	5.399	34.177	26.976	29.592	26.970	114.2	11.173	.0	1481.1	3837.7	8.4
580.0	576.3	5.336	5.288	34.180	26.992	29.655	26.986	112.8	11.287	.0	1480.8	3949.0	15.7
590.0	586.2	5.288	5.239	34.183	27.000	29.710	26.994	112.0	11.399	.0	1480.7	4061.5	9.5
600.0	596.1	5.221	5.172	34.184	27.009	29.765	27.003	111.2	11.511	.0	1480.6	4175.0	9.5
610.0	606.0	5.135	5.085	34.188	27.022	29.825	27.016	110.0	11.621	.0	1480.4	4289.7	4.0
620.0	615.9	5.146	5.096	34.208	27.036	29.885	27.031	108.8	11.731	.0	1480.7	4405.4	25.1
630.0	625.8	5.122	5.070	34.222	27.050	29.945	27.045	107.5	11.839	.0	1480.8	4522.2	9.5
640.0	635.7	5.018	4.967	34.224	27.064	30.006	27.058	106.2	11.946	.0	1480.5	4640.1	8.1
650.0	645.7	4.982	4.929	34.232	27.075	30.063	27.069	105.3	12.052	.0	1480.5	4759.0	8.4
660.0	655.6	4.968	4.915	34.240	27.083	30.117	27.076	104.6	12.156	.0	1480.6	4878.9	9.2
670.0	665.5	4.912	4.859	34.257	27.102	30.183	27.096	102.8	12.260	.0	1480.6	4999.9	19.5
680.0	675.4	4.856	4.801	34.271	27.120	30.247	27.114	101.2	12.362	.0	1480.6	5121.9	8.9
690.0	685.3	4.848	4.793	34.274	27.123	30.296	27.117	100.9	12.463	.0	1480.7	5244.9	5.7
700.0	695.2	4.810	4.754	34.284	27.135	30.354	27.129	99.8	12.564	.0	1480.7	5368.8	14.8
710.0	705.1	4.785	4.729	34.291	27.144	30.409	27.138	99.1	12.663	.0	1480.8	5493.8	6.0
720.0	715.0	4.726	4.669	34.300	27.158	30.469	27.151	97.8	12.761	.0	1480.7	5619.7	6.9
730.0	724.9	4.677	4.620	34.304	27.167	30.525	27.160	97.0	12.859	.0	1480.7	5746.6	8.9
740.0	734.8	4.637	4.580	34.310	27.176	30.580	27.169	96.2	12.956	.0	1480.7	5874.4	13.0
750.0	744.7	4.589	4.530	34.317	27.186	30.638	27.180	95.2	13.051	.0	1480.7	6003.2	1.0
760.0	754.6	4.531	4.472	34.319	27.194	30.692	27.188	94.5	13.146	.0	1480.6	6132.9	3.7
770.0	764.5	4.516	4.457	34.327	27.203	30.747	27.196	93.8	13.240	.0	1480.7	6263.6	10.4
780.0	774.4	4.487	4.426	34.338	27.215	30.805	27.208	92.7	13.333	.0	1480.8	6395.2	6.0
790.0	784.3	4.483	4.422	34.347	27.222	30.858	27.215	92.1	13.426	.0	1480.9	6527.6	11.3
800.0	794.2	4.439	4.378	34.352	27.231	30.913	27.225	91.3	13.517	.0	1480.9	6661.0	2.8
810.0	804.1	4.391	4.328	34.354	27.238	30.967	27.231	90.6	13.608	.0	1480.9	6795.3	8.7
820.0	814.0	4.311	4.248	34.356	27.248	31.024	27.241	89.7	13.698	.0	1480.7	6930.5	3.7
830.0	823.9	4.229	4.166	34.353	27.254	31.077	27.247	89.0	13.788	.0	1480.5	7066.5	11.6
840.0	833.8	4.198	4.135	34.357	27.261	31.130	27.254	88.4	13.876	.0	1480.6	7203.5	3.4
850.0	843.7	4.140	4.076	34.357	27.267	31.184	27.260	87.8	13.964	.0	1480.5	7341.2	3.1
860.0	853.6	4.106	4.041	34.359	27.272	31.235	27.265	87.4	14.052	.0	1480.5	7479.9	13.9
870.0	863.5	4.124	4.059	34.369	27.278	31.286	27.271	86.9	14.139	.0	1480.8	7619.4	5.1
880.0	873.4	4.137	4.070	34.385	27.290	31.344	27.283	85.9	14.225	.0	1481.0	7759.8	10.7
890.0	883.3	4.103	4.036	34.395	27.301	31.401	27.294	84.9	14.311	.0	1481.0	7901.0	6.3
900.0	893.2	4.087	4.019	34.400	27.307	31.453	27.300	84.4	14.395	.0	1481.2	8043.0	.8
910.0	903.1	4.047	3.978	34.406	27.316	31.508	27.309	83.6	14.480	.0	1481.2	8185.9	16.3
920.0	913.0	4.051	3.982	34.411	27.320	31.558	27.313	83.3	14.563	.0	1481.3	8329.6	2.0
930.0	922.9	4.032	3.962	34.413	27.323	31.607	27.316	83.0	14.646	.0	1481.4	8474.1	4.9
940.0	932.8	4.004	3.933	34.418	27.330	31.660	27.323	82.5	14.729	.0	1481.5	8619.4	6.1
950.0	942.7	3.976	3.905	34.419	27.334	31.710	27.326	82.2	14.811	.0	1481.5	8765.5	5.5
960.0	952.6	3.952	3.881	34.425	27.341	31.764	27.334	81.5	14.893	.0	1481.6	8912.4	15.7
970.0	962.5	3.919	3.846	34.429	27.348	31.817	27.341	80.9	14.974	.0	1481.6	9060.2	7.5
980.0	972.4	3.888	3.814	34.434	27.355	31.870	27.347	80.3	15.055	.0	1481.7	9208.7	8.1
990.0	982.3	3.852	3.779	34.437	27.361	31.922	27.353	79.7	15.135	.0	1481.7	9358.0	11.6

Station 108 Latitude 32° 42.03'N Longitude 127° 01.93'W 07 May 1991 GMT 21:41 Bottom 4380 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.800	3.726	34.439	27.368	31.976	27.360	79.0	15.214	.0	1481.6	9508.1	6.4
1020.0	1011.9	3.793	3.717	34.453	27.380	32.079	27.372	78.0	15.371	.0	1482.0	9810.6	6.1
1040.0	1031.7	3.743	3.666	34.459	27.390	32.182	27.382	77.1	15.527	.0	1482.1	10116.1	10.2
1060.0	1051.5	3.699	3.621	34.466	27.400	32.284	27.392	76.3	15.680	.0	1482.2	10424.7	3.2
1080.0	1071.3	3.612	3.533	34.471	27.412	32.390	27.404	75.0	15.831	.0	1482.2	10736.2	3.5
1100.0	1091.0	3.566	3.486	34.476	27.421	32.491	27.413	74.3	15.981	.0	1482.4	11050.7	4.7
1120.0	1110.8	3.549	3.467	34.485	27.430	32.592	27.422	73.6	16.129	.0	1482.6	11368.1	6.4
1140.0	1130.6	3.511	3.428	34.487	27.436	32.690	27.428	73.1	16.275	.0	1482.8	11688.4	2.9
1160.0	1150.3	3.443	3.359	34.491	27.446	32.793	27.438	72.1	16.420	.0	1482.8	12011.5	5.3
1180.0	1170.1	3.382	3.296	34.493	27.453	32.893	27.445	71.4	16.564	.0	1482.9	12337.4	.9
1200.0	1189.8	3.329	3.243	34.496	27.460	32.993	27.452	70.8	16.706	.0	1483.0	12666.2	3.8
1220.0	1209.6	3.264	3.177	34.500	27.469	33.095	27.461	69.9	16.847	.0	1483.1	12997.7	6.7
1240.0	1229.4	3.224	3.135	34.502	27.475	33.193	27.467	69.4	16.986	.0	1483.3	13331.9	.9
1260.0	1249.1	3.193	3.103	34.506	27.481	33.291	27.473	68.8	17.125	.0	1483.5	13668.9	4.4
1280.0	1268.9	3.141	3.050	34.512	27.491	33.393	27.482	67.9	17.261	.0	1483.6	14008.5	3.3
1300.0	1288.6	3.112	3.019	34.515	27.497	33.491	27.488	67.5	17.397	.0	1483.8	14350.8	5.3
1320.0	1308.4	3.073	2.979	34.522	27.505	33.592	27.497	66.7	17.531	.0	1484.0	14695.7	.9
1340.0	1328.1	3.047	2.952	34.524	27.510	33.688	27.501	66.3	17.664	.0	1484.2	15043.2	2.1
1360.0	1347.9	3.011	2.915	34.528	27.516	33.787	27.508	65.7	17.796	.0	1484.4	15393.3	5.9
1380.0	1367.6	2.965	2.868	34.532	27.524	33.887	27.515	65.0	17.927	.0	1484.5	15745.9	5.4
1400.0	1387.3	2.916	2.817	34.536	27.531	33.987	27.523	64.3	18.056	.0	1484.6	16101.1	1.9
1420.0	1407.1	2.882	2.782	34.540	27.538	34.085	27.529	63.7	18.184	.0	1484.8	16458.8	3.6
1440.0	1426.8	2.857	2.756	34.546	27.544	34.184	27.535	63.1	18.311	.0	1485.1	16818.9	2.8
1460.0	1446.6	2.820	2.718	34.548	27.550	34.281	27.541	62.6	18.437	.0	1485.2	17181.6	2.8
1480.0	1466.3	2.780	2.676	34.551	27.556	34.380	27.547	62.0	18.561	.0	1485.4	17546.6	3.7
1500.0	1486.0	2.748	2.643	34.557	27.563	34.479	27.554	61.4	18.685	.0	1485.6	17914.1	1.6
1520.0	1505.8	2.721	2.614	34.559	27.568	34.575	27.558	61.0	18.807	.0	1485.8	18283.9	3.4
1540.0	1525.5	2.675	2.568	34.563	27.575	34.675	27.565	60.3	18.928	.0	1486.0	18656.1	1.3
1560.0	1545.2	2.657	2.548	34.564	27.577	34.769	27.568	60.1	19.049	.0	1486.2	19030.7	1.7
1580.0	1564.9	2.620	2.510	34.568	27.583	34.867	27.574	59.5	19.168	.0	1486.4	19407.6	.8
1600.0	1584.7	2.589	2.478	34.570	27.588	34.964	27.579	59.0	19.287	.0	1486.6	19786.8	1.1
1620.0	1604.4	2.559	2.446	34.572	27.592	35.060	27.583	58.7	19.404	.0	1486.8	20168.3	2.9
1640.0	1624.1	2.527	2.414	34.575	27.597	35.157	27.588	58.2	19.521	.0	1487.0	20552.1	2.0
1660.0	1643.8	2.497	2.382	34.577	27.602	35.253	27.592	57.7	19.637	.0	1487.2	20938.1	3.5
1680.0	1663.5	2.464	2.347	34.580	27.607	35.350	27.597	57.3	19.752	.0	1487.4	21326.4	5.2
1700.0	1683.2	2.425	2.308	34.583	27.613	35.448	27.603	56.7	19.866	.0	1487.6	21716.9	.0
1720.0	1702.9	2.401	2.282	34.585	27.617	35.544	27.607	56.3	19.979	.0	1487.8	22109.5	2.9
1740.0	1722.7	2.383	2.263	34.587	27.620	35.638	27.610	56.1	20.091	.0	1488.1	22504.4	1.8
1760.0	1742.4	2.350	2.228	34.590	27.625	35.735	27.615	55.6	20.203	.0	1488.3	22901.4	1.2
1780.0	1762.1	2.322	2.199	34.592	27.629	35.831	27.619	55.2	20.314	.0	1488.5	23300.6	2.1
1800.0	1781.8	2.294	2.170	34.594	27.633	35.927	27.623	54.8	20.424	.0	1488.7	23702.0	3.0
1820.0	1801.5	2.267	2.142	34.597	27.638	36.023	27.627	54.3	20.533	.0	1488.9	24105.4	3.3
1840.0	1821.2	2.246	2.119	34.599	27.641	36.117	27.631	54.1	20.642	.0	1489.2	24511.0	-.2
1860.0	1840.9	2.213	2.085	34.603	27.646	36.215	27.636	53.5	20.749	.0	1489.4	24918.6	3.9
1880.0	1860.6	2.198	2.069	34.605	27.650	36.309	27.639	53.2	20.856	.0	1489.6	25328.3	2.1
1900.0	1880.3	2.182	2.051	34.609	27.654	36.405	27.644	52.8	20.962	.0	1489.9	25740.1	2.7
1920.0	1899.9	2.150	2.018	34.611	27.659	36.501	27.648	52.4	21.067	.0	1490.1	26153.9	3.1
1940.0	1919.6	2.127	1.993	34.613	27.662	36.596	27.651	52.0	21.172	.0	1490.3	26569.7	.7
1960.0	1939.3	2.116	1.982	34.613	27.664	36.688	27.653	51.9	21.275	.0	1490.6	26987.5	4.3
1980.0	1959.0	2.108	1.972	34.616	27.667	36.782	27.656	51.7	21.379	.0	1490.9	27407.4	.8
2000.0	1978.7	2.091	1.953	34.618	27.670	36.875	27.659	51.5	21.482	.0	1491.2	27829.2	1.7
2050.0	2027.9	2.044	1.902	34.623	27.677	37.111	27.666	50.7	21.738	.0	1491.8	28892.5	.5
2094.0	2071.2	2.007	1.863	34.625	27.682	37.316	27.671	50.3	21.960	.0	1492.4	29838.2	.0

Station 109 Latitude 32° 33.71'N Longitude 126° 41.40'W 07 May 1991 GMT :57 Bottom 4345 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	16.131	16.131	33.375	24.469	24.469	24.469	345.3	.000	.0	1508.9	.0	.0
10.0	10.0	15.639	15.638	33.358	24.567	24.611	24.566	336.3	.342	.0	1507.6	1.7	12.2
20.0	19.9	14.918	14.915	33.209	24.611	24.699	24.610	332.5	.677	.0	1505.3	6.8	31.4
30.0	29.9	14.996	14.992	33.261	24.634	24.766	24.633	330.5	1.009	.0	1505.7	15.2	7.2
40.0	39.8	14.698	14.692	33.257	24.695	24.872	24.694	325.0	1.338	.0	1504.9	26.9	107.3
50.0	49.8	14.298	14.291	33.213	24.746	24.968	24.745	320.4	1.660	.0	1503.8	41.8	9.7
60.0	59.8	14.179	14.171	33.226	24.781	25.047	24.780	317.3	1.979	.0	1503.5	59.9	17.6
70.0	69.7	14.421	14.411	33.313	24.798	25.108	24.796	316.0	2.296	.0	1504.6	81.2	20.3
80.0	79.7	14.477	14.466	33.354	24.818	25.172	24.816	314.4	2.611	.0	1505.0	105.7	21.5
90.0	89.7	14.915	14.901	33.518	24.852	25.249	24.849	311.6	2.923	.0	1506.8	133.2	40.3
100.0	99.6	14.821	14.806	33.540	24.890	25.331	24.886	308.3	3.233	.0	1506.7	163.9	43.8
110.0	109.6	14.258	14.242	33.472	24.956	25.443	24.953	302.1	3.538	.0	1504.9	197.6	198.0
120.0	119.5	12.742	12.726	33.317	25.143	25.678	25.140	284.3	3.830	.0	1499.8	234.3	107.9
130.0	129.5	11.788	11.771	33.326	25.332	25.914	25.329	266.3	4.104	.0	1496.7	273.8	113.2
140.0	139.4	11.302	11.285	33.390	25.471	26.099	25.468	253.3	4.362	.0	1495.3	315.9	22.1
150.0	149.4	10.471	10.454	33.348	25.585	26.260	25.582	242.4	4.608	.0	1492.4	360.5	52.7
160.0	159.3	9.865	9.847	33.335	25.678	26.400	25.675	233.6	4.846	.0	1490.4	407.5	59.9
170.0	169.3	9.536	9.517	33.375	25.763	26.532	25.760	225.6	5.076	.0	1489.4	456.9	98.8
180.0	179.2	9.353	9.333	33.444	25.847	26.661	25.844	217.8	5.298	.0	1488.9	508.5	27.0
190.0	189.1	9.171	9.150	33.553	25.961	26.821	25.958	207.1	5.510	.0	1488.6	562.2	110.4
200.0	199.1	9.078	9.056	33.615	26.025	26.931	26.022	201.2	5.714	.0	1488.5	618.0	120.1
210.0	209.0	8.981	8.959	33.729	26.130	27.081	26.126	191.5	5.910	.0	1488.4	675.8	142.6
220.0	219.0	8.906	8.883	33.813	26.207	27.203	26.204	184.3	6.098	.0	1488.4	735.5	18.8
230.0	228.9	8.852	8.828	33.884	26.272	27.313	26.268	178.4	6.279	.0	1488.4	797.0	79.4
240.0	238.8	8.740	8.715	33.943	26.335	27.423	26.331	172.5	6.455	.0	1488.3	860.2	24.9
250.0	248.8	8.682	8.656	33.961	26.359	27.492	26.355	170.4	6.626	.0	1488.2	925.2	49.5
260.0	258.7	8.574	8.547	33.999	26.405	27.583	26.401	166.2	6.794	.0	1488.0	991.9	6.7
270.0	268.6	8.413	8.385	34.015	26.442	27.667	26.438	162.8	6.959	.0	1487.6	1060.2	45.4
280.0	278.6	8.290	8.262	34.021	26.466	27.737	26.462	160.6	7.120	.0	1487.3	1130.1	23.1
290.0	288.5	8.149	8.119	34.038	26.501	27.817	26.497	157.4	7.280	.0	1487.0	1201.6	24.8
300.0	298.4	8.032	8.002	34.039	26.519	27.882	26.515	155.8	7.436	.0	1486.7	1274.7	20.1
310.0	308.4	7.847	7.816	34.037	26.545	27.954	26.541	153.4	7.591	.0	1486.1	1349.3	17.8
320.0	318.3	7.790	7.759	34.045	26.560	28.015	26.555	152.2	7.744	.0	1486.1	1425.5	21.9
330.0	328.2	7.498	7.466	34.034	26.593	28.096	26.588	149.0	7.894	.0	1485.1	1503.1	25.6
340.0	338.2	7.339	7.307	34.021	26.605	28.154	26.600	147.9	8.043	.0	1484.6	1582.3	13.0
350.0	348.1	7.170	7.137	34.016	26.625	28.221	26.620	146.0	8.190	.0	1484.1	1662.8	11.2
360.0	358.0	7.139	7.105	34.027	26.638	28.279	26.633	145.0	8.335	.0	1484.2	1744.9	6.2
370.0	367.9	6.975	6.941	34.022	26.657	28.346	26.652	143.2	8.480	.0	1483.7	1828.3	18.2
380.0	377.9	6.852	6.817	34.038	26.686	28.421	26.682	140.5	8.622	.0	1483.4	1913.2	41.9
390.0	387.8	6.766	6.730	34.046	26.704	28.486	26.700	138.8	8.762	.0	1483.2	1999.5	18.2
400.0	397.7	6.648	6.611	34.053	26.725	28.553	26.721	136.9	8.899	.0	1482.9	2087.1	18.7
410.0	407.6	6.586	6.549	34.061	26.740	28.614	26.735	135.6	9.035	.0	1482.9	2176.1	14.9
420.0	417.6	6.390	6.353	34.060	26.765	28.687	26.760	133.2	9.170	.0	1482.2	2266.4	27.5
430.0	427.5	6.272	6.234	34.061	26.781	28.749	26.776	131.7	9.302	.0	1481.9	2358.1	16.6
440.0	437.4	6.148	6.109	34.058	26.795	28.810	26.790	130.4	9.433	.0	1481.6	2451.0	12.2
450.0	447.3	6.076	6.036	34.074	26.817	28.878	26.812	128.4	9.563	.0	1481.5	2545.3	18.1
460.0	457.3	6.058	6.018	34.090	26.831	28.938	26.826	127.2	9.691	.0	1481.6	2640.8	26.3
470.0	467.2	5.798	5.758	34.079	26.855	29.011	26.851	124.7	9.816	.0	1480.7	2737.6	18.9
480.0	477.1	5.776	5.735	34.095	26.870	29.072	26.865	123.5	9.941	.0	1480.8	2835.5	6.9
490.0	487.0	5.932	5.890	34.137	26.885	29.130	26.879	122.4	10.064	.0	1481.7	2934.8	23.1
500.0	496.9	5.679	5.637	34.122	26.904	29.198	26.899	120.4	10.185	.0	1480.8	3035.2	21.8
510.0	506.9	5.617	5.574	34.133	26.920	29.261	26.915	119.0	10.304	.0	1480.7	3136.8	6.0
520.0	516.8	5.685	5.641	34.162	26.935	29.321	26.930	117.7	10.423	.0	1481.2	3239.6	16.3
530.0	526.7	5.635	5.590	34.179	26.955	29.386	26.950	116.0	10.540	.0	1481.2	3343.5	14.8
540.0	536.6	5.452	5.407	34.168	26.968	29.448	26.963	114.6	10.655	.0	1480.6	3448.6	9.8
550.0	546.5	5.432	5.386	34.180	26.980	29.505	26.975	113.6	10.769	.0	1480.7	3554.8	15.7
560.0	556.4	5.471	5.424	34.203	26.993	29.564	26.988	112.5	10.882	.0	1481.0	3662.1	11.0
570.0	566.3	5.421	5.374	34.214	27.009	29.625	27.003	111.1	10.994	.0	1481.0	3770.6	6.9
580.0	576.3	5.361	5.313	34.214	27.016	29.679	27.010	110.5	11.105	.0	1480.9	3880.1	9.3
590.0	586.2	5.328	5.279	34.228	27.031	29.740	27.025	109.2	11.215	.0	1481.0	3990.8	20.7
600.0	596.1	5.294	5.245	34.241	27.045	29.800	27.040	107.9	11.323	.0	1481.0	4102.5	11.0
610.0	606.0	5.245	5.195	34.250	27.058	29.859	27.052	106.8	11.431	.0	1481.0	4215.2	14.8
620.0	615.9	5.203	5.153	34.257	27.068	29.916	27.062	105.9	11.537	.0	1481.0	4329.0	13.4
630.0	625.8	5.170	5.119	34.265	27.079	29.973	27.073	104.9	11.642	.0	1481.0	4443.9	14.8
640.0	635.7	5.073	5.021	34.265	27.090	30.031	27.084	103.8	11.747	.0	1480.8	4559.8	2.5
650.0	645.6	5.005	4.953	34.273	27.105	30.092	27.099	102.5	11.850	.0	1480.7	4676.7	5.4
660.0	655.5	5.005	4.952	34.279	27.110	30.143	27.104	102.1	11.952	.0	1480.9	4794.6	9.5
670.0	665.5	4.966	4.912	34.287	27.120	30.200	27.114	101.2	12.054	.0	1480.9	4913.6	17.7
680.0	675.4	4.882	4.828	34.290	27.132	30.259	27.126	100.0	12.154	.0	1480.7	5033.5	4.0
690.0	685.3	4.870	4.815	34.304	27.144	30.316	27.138	99.0	12.254	.0	1480.8	5154.4	11.9
700.0	695.2	4.854	4.798	34.310	27.151	30.369	27.145	98.4	12.352	.0	1480.9	5276.3	4.6
710.0	705.1	4.793	4.736	34.312	27.160	30.425	27.154	97.6	12.450	.0	1480.8	5399.1	10.4
720.0	715.0	4.753	4.696	34.321	27.171	30.482	27.165	96.6	12.547	.0	1480.9	5523.0	5.7
730.0	724.9	4.729	4.672	34.331	27.182	30.539	27.176	95.7	12.644	.0	1480.9	5647.7	18.3
740.0	734.8	4.646	4.588	34.337	27.196	30.601	27.190	94.3	12.738	.0	1480.8	5773.4	9.5
750.0	744.7	4.621	4.563	34.347	27.207	30.657	27.201	93.4	12.832	.0	1480.8	5900.0	13.3
760.0	754.6	4.573	4.513	34.351	27.215	30.712	27.209	92.6	12.925	.0	1480.8	6027.6	9.0
770.0	764.5	4.553	4.493	34.361	27.226	30.769	27.219	91.7	13.017	.0	1480.9	6156.0	9.5
780.0	774.4	4.536	4.475	34.370	27.234	30.823	27.228	90.9	13.109	.0	1481.0	6285.4	11.9
790.0	784.3	4.499	4.437	34.378	27.245	30.881	27.239	89.9	13.199	.0	1481.0	6415.6	9.3
800.0	794.2	4.454	4.392	34.384	27.255	30.937	27.248	89.1	13.288	.0	1481.0	6546.8	11.6
810.0	804.1	4.422	4.359	34.389	27.262	30.990	27.256	88.4	13.377	.0	1481.1	6678.8	12.5
820.0	814.0	4.356	4.293	34.390	27.270	31.045	27.264	87.6	13.465	.0	1480.9	6811.6	11.9
830.0	823.9	4.292	4.228	34.391	27.278	31.100	27.271	86.9	13.552	.0	1480.8	6945.4	7.5
840.0	833.8	4.180	4.116	34.389	27.288	31.158	27.281	85.8	13.639	.0	1480.5	7080.0	6.9
850.0	843.7	4.132	4.068	34.394	27.297	31.213	27.290	85.0	13.724	.0	1480.5	7215.4	8.3
860.0	853.6	4.074	4.009	34.397	27.306	31.269	27.299	84.2	13.809	.0	1480.4	7351.6	6.3
870.0	863.5	4.065	4.000	34.402	27.310	31.320	27.304	83.8	13.893	.0	1480.6	7488.7	9.5
880.0	873.4	4.030	3.964	34.404	27.316	31.372	27.309	83.2	13.976	.0	1480.6	7626.6	3.7
890.0	883.3	3.997	3.930	34.405	27.320	31.422	27.313	82.9	14.059	.0	1480.6	7765.4	2.2
900.0	893.2	3.983	3.916	34.411	27.326	31.475	27.319	82.4	14.142	.0	1480.7	7904.9	5.1
910.0	903.1	3.986	3.918	34.417	27.331	31.524	27.324	82.1	14.224	.0	1480.9	8045.2	5.2
920.0	913.0	3.978	3.909	34.423	27.337	31.576	27.330	81.6	14.306	.0	1481.1	8186.4	4.0
930.0	922.9	3.959	3.890	34.427	27.342	31.627	27.335	81.2	14.387	.0	1481.1	8328.3	6.6
940.0	932.8	3.940	3.870	34.430	27.346	31.677	27.339	80.8	14.469	.0	1481.2	8471.1	4.9
950.0	942.7	3.930	3.859	34.437	27.353	31.730	27.346	80.3	14.549	.0	1481.4	8614.6	6.1
960.0	952.6	3.916	3.845	34.440	27.357	31.780	27.350	79.9	14.629	.0	1481.5	8758.9	4.9
970.0	962.5	3.897	3.825	34.445	27.363	31.832	27.356	79.4	14.709	.0	1481.6	8904.1	7.2
980.0	972.3	3.862	3.789	34.447	27.368	31.883	27.360	79.0	14.788	.0	1481.6	9049.9	1.7
990.0	982.2	3.857	3.783	34.454	27.374	31.935	27.367	78.5	14.867	.0	1481.7	9196.6	8.1

Station 109 Latitude 32° 33.71'N Longitude 126° 41.40'W 07 May 1991 GMT :57 Bottom 4345 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.837	3.762	34.457	27.378	31.986	27.371	78.1	14.945	.0	1481.8	9344.0	2.9
1020.0	1011.9	3.783	3.707	34.463	27.389	32.089	27.381	77.2	15.101	.0	1481.9	9641.2	2.6
1040.0	1031.7	3.692	3.615	34.463	27.398	32.192	27.390	76.3	15.254	.0	1481.9	9941.4	7.3
1060.0	1051.5	3.691	3.613	34.469	27.403	32.288	27.396	75.9	15.406	.0	1482.2	10244.5	2.6
1080.0	1071.2	3.605	3.526	34.473	27.415	32.393	27.407	74.8	15.557	.0	1482.2	10550.7	11.1
1100.0	1091.0	3.586	3.506	34.486	27.427	32.497	27.420	73.7	15.705	.0	1482.5	10859.7	1.4
1120.0	1110.8	3.540	3.458	34.491	27.436	32.598	27.428	73.0	15.852	.0	1482.6	11171.7	3.2
1140.0	1130.5	3.495	3.412	34.498	27.445	32.700	27.437	72.2	15.998	.0	1482.7	11486.5	3.8
1160.0	1150.3	3.457	3.373	34.502	27.452	32.799	27.444	71.5	16.141	.0	1482.9	11804.1	5.9
1180.0	1170.1	3.410	3.324	34.505	27.460	32.899	27.451	70.9	16.284	.0	1483.1	12124.5	3.5
1200.0	1189.8	3.354	3.267	34.509	27.468	33.000	27.460	70.1	16.424	.0	1483.2	12447.7	2.6
1220.0	1209.6	3.312	3.224	34.512	27.475	33.099	27.467	69.5	16.564	.0	1483.3	12773.6	.0
1240.0	1229.3	3.269	3.180	34.516	27.482	33.199	27.474	68.8	16.702	.0	1483.5	13102.2	6.8
1260.0	1249.1	3.217	3.126	34.522	27.492	33.301	27.483	67.9	16.839	.0	1483.6	13433.5	4.1
1280.0	1268.9	3.199	3.107	34.527	27.498	33.398	27.489	67.5	16.975	.0	1483.8	13767.5	2.4
1300.0	1288.6	3.139	3.046	34.530	27.506	33.499	27.497	66.7	17.109	.0	1483.9	14104.1	3.0
1320.0	1308.4	3.099	3.005	34.531	27.510	33.596	27.502	66.3	17.242	.0	1484.1	14443.3	.9
1340.0	1328.1	3.064	2.968	34.534	27.516	33.693	27.507	65.8	17.374	.0	1484.3	14785.1	6.2
1360.0	1347.8	3.015	2.918	34.537	27.523	33.793	27.514	65.1	17.504	.0	1484.4	15129.5	2.1
1380.0	1367.6	2.991	2.893	34.539	27.527	33.889	27.518	64.8	17.635	.0	1484.6	15476.3	1.9
1400.0	1387.3	2.966	2.867	34.541	27.530	33.984	27.521	64.5	17.764	.0	1484.9	15825.8	1.0
1420.0	1407.1	2.947	2.847	34.547	27.537	34.082	27.528	64.0	17.892	.0	1485.1	16177.7	6.6
1440.0	1426.8	2.906	2.804	34.548	27.542	34.179	27.532	63.6	18.020	.0	1485.3	16532.1	.7
1460.0	1446.6	2.874	2.771	34.551	27.547	34.277	27.538	63.1	18.146	.0	1485.5	16889.0	2.5
1480.0	1466.3	2.839	2.734	34.554	27.553	34.375	27.544	62.5	18.272	.0	1485.7	17248.3	.7
1500.0	1486.0	2.812	2.706	34.557	27.558	34.471	27.548	62.1	18.397	.0	1485.9	17610.1	4.3
1520.0	1505.8	2.777	2.670	34.560	27.563	34.569	27.554	61.6	18.520	.0	1486.1	17974.3	-3.9
1540.0	1525.5	2.737	2.629	34.563	27.570	34.667	27.560	61.0	18.643	.0	1486.2	18340.9	4.0
1560.0	1545.2	2.693	2.583	34.568	27.577	34.767	27.567	60.3	18.764	.0	1486.4	18709.8	2.0
1580.0	1564.9	2.656	2.545	34.570	27.582	34.864	27.573	59.8	18.884	.0	1486.6	19081.1	.8
1600.0	1584.7	2.629	2.517	34.573	27.587	34.961	27.577	59.3	19.003	.0	1486.8	19454.7	4.9
1620.0	1604.4	2.597	2.484	34.575	27.591	35.057	27.582	58.9	19.122	.0	1487.0	19830.6	2.6
1640.0	1624.1	2.561	2.447	34.578	27.597	35.155	27.587	58.4	19.239	.0	1487.2	20208.9	4.1
1660.0	1643.8	2.527	2.412	34.579	27.601	35.251	27.591	58.0	19.355	.0	1487.3	20589.3	1.4
1680.0	1663.5	2.512	2.395	34.584	27.606	35.347	27.596	57.6	19.471	.0	1487.6	20972.0	2.0
1700.0	1683.2	2.483	2.364	34.586	27.610	35.443	27.600	57.2	19.585	.0	1487.8	21357.0	1.7
1720.0	1702.9	2.458	2.338	34.590	27.616	35.540	27.605	56.7	19.699	.0	1488.1	21744.2	.3
1740.0	1722.7	2.434	2.313	34.591	27.619	35.635	27.609	56.4	19.812	.0	1488.3	22133.5	3.5
1760.0	1742.4	2.387	2.264	34.594	27.625	35.733	27.615	55.7	19.924	.0	1488.4	22525.1	2.1
1780.0	1762.1	2.357	2.234	34.596	27.629	35.830	27.619	55.3	20.035	.0	1488.6	22918.8	2.7
1800.0	1781.8	2.325	2.200	34.598	27.633	35.926	27.623	54.9	20.145	.0	1488.8	23314.6	2.1
1820.0	1801.5	2.303	2.177	34.602	27.638	36.022	27.628	54.4	20.255	.0	1489.1	23712.6	1.8
1840.0	1821.2	2.277	2.150	34.604	27.642	36.117	27.632	54.1	20.363	.0	1489.3	24112.6	4.2
1860.0	1840.9	2.244	2.115	34.606	27.647	36.214	27.637	53.6	20.471	.0	1489.5	24514.8	-1.1
1880.0	1860.6	2.223	2.093	34.608	27.650	36.309	27.640	53.3	20.578	.0	1489.7	24919.0	1.6
1900.0	1880.3	2.195	2.064	34.611	27.655	36.405	27.645	52.8	20.684	.0	1490.0	25325.3	3.3
1920.0	1899.9	2.170	2.037	34.614	27.660	36.501	27.649	52.4	20.789	.0	1490.2	25733.7	2.2
1940.0	1919.6	2.152	2.018	34.615	27.662	36.594	27.651	52.2	20.893	.0	1490.4	26144.0	2.5
1960.0	1939.3	2.133	1.998	34.617	27.665	36.689	27.654	51.9	20.997	.0	1490.7	26556.4	1.6
1980.0	1959.0	2.108	1.972	34.619	27.669	36.784	27.658	51.5	21.101	.0	1490.9	26970.8	3.1
2000.0	1978.7	2.084	1.946	34.621	27.672	36.879	27.662	51.2	21.204	.0	1491.2	27387.1	3.4
2050.0	2027.9	2.045	1.903	34.623	27.677	37.111	27.666	50.7	21.458	.0	1491.8	28436.6	.5
2092.0	2069.2	2.010	1.865	34.628	27.684	37.308	27.673	50.1	21.670	.0	1492.4	29327.7	.0

Station 110 Latitude 32° 19.48'N Longitude 126° 48.54'W 07 May 1991 GMT 3:48 Bottom 4285 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	16.034	16.034	33.209	24.364	24.364	24.364	355.4	.000	.0	1508.4	.0	.0
10.0	10.0	15.570	15.569	33.173	24.440	24.484	24.440	348.4	.352	.0	1507.1	1.8	39.7
20.0	19.9	15.138	15.135	33.158	24.524	24.612	24.523	340.7	.697	.0	1505.9	7.0	35.0
30.0	29.9	15.055	15.050	33.155	24.540	24.672	24.539	339.5	1.037	.0	1505.8	15.6	12.4
40.0	39.9	14.917	14.911	33.148	24.565	24.741	24.563	337.4	1.376	.0	1505.5	27.7	89.7
50.0	49.8	14.466	14.459	33.136	24.652	24.873	24.650	329.4	1.709	.0	1504.2	43.0	57.7
60.0	59.8	14.251	14.242	33.133	24.695	24.961	24.693	325.5	2.037	.0	1503.7	61.7	36.9
70.0	69.7	14.222	14.212	33.146	24.711	25.021	24.709	324.3	2.362	.0	1503.7	83.6	.9
80.0	79.7	14.232	14.221	33.168	24.726	25.081	24.724	323.1	2.685	.0	1504.0	108.7	23.8
90.0	89.7	13.987	13.974	33.124	24.744	25.143	24.741	321.7	3.008	.0	1503.3	137.1	17.0
100.0	99.6	13.835	13.821	33.141	24.788	25.232	24.785	317.7	3.327	.0	1503.0	168.6	30.4
110.0	109.6	13.474	13.459	33.140	24.861	25.350	24.858	311.0	3.642	.0	1501.9	203.3	158.6
120.0	119.5	12.368	12.352	33.095	25.043	25.579	25.040	293.7	3.944	.0	1498.3	241.1	195.0
130.0	129.5	11.373	11.357	33.088	25.223	25.806	25.220	276.6	4.228	.0	1495.0	281.8	83.0
140.0	139.4	11.031	11.015	33.089	25.285	25.914	25.282	270.8	4.502	.0	1493.9	325.2	268.6
150.0	149.4	10.388	10.370	33.154	25.449	26.124	25.446	255.3	4.762	.0	1491.9	371.3	100.4
160.0	159.3	9.810	9.792	33.234	25.608	26.330	25.605	240.3	5.010	.0	1490.0	420.0	46.1
170.0	169.3	9.613	9.594	33.274	25.671	26.440	25.669	234.4	5.246	.0	1489.5	471.0	13.0
180.0	179.2	9.442	9.423	33.355	25.763	26.576	25.760	225.8	5.478	.0	1489.2	524.3	153.2
190.0	189.2	9.242	9.221	33.490	25.901	26.761	25.898	212.8	5.695	.0	1488.7	579.9	126.8
200.0	199.1	9.073	9.052	33.581	25.999	26.904	25.996	203.7	5.903	.0	1488.4	637.5	26.4
210.0	209.1	9.021	8.998	33.690	26.093	27.043	26.089	195.0	6.103	.0	1488.5	697.2	99.0
220.0	219.0	8.937	8.913	33.736	26.142	27.138	26.138	190.5	6.296	.0	1488.4	758.8	82.0
230.0	228.9	8.851	8.826	33.852	26.247	27.288	26.243	180.8	6.481	.0	1488.4	822.3	43.4
240.0	238.9	8.718	8.693	33.899	26.304	27.392	26.300	175.4	6.659	.0	1488.1	887.6	6.7
250.0	248.8	8.594	8.568	33.926	26.345	27.478	26.341	171.7	6.833	.0	1487.9	954.7	30.2
260.0	258.7	8.474	8.447	33.952	26.384	27.563	26.380	168.1	7.003	.0	1487.6	1023.4	53.9
270.0	268.7	8.210	8.182	33.979	26.445	27.671	26.441	162.4	7.167	.0	1486.8	1093.8	4.3
280.0	278.6	8.103	8.075	33.991	26.471	27.742	26.466	160.1	7.329	.0	1486.6	1165.8	25.1
290.0	288.5	7.957	7.928	34.013	26.510	27.827	26.505	156.5	7.487	.0	1486.2	1239.4	33.0
300.0	298.5	7.826	7.796	34.020	26.535	27.899	26.530	154.2	7.642	.0	1485.9	1314.5	69.6
310.0	308.4	7.718	7.688	34.027	26.556	27.966	26.551	152.3	7.795	.0	1485.6	1391.2	3.4
320.0	318.3	7.640	7.609	34.033	26.572	28.028	26.567	150.9	7.947	.0	1485.5	1469.3	40.0
330.0	328.3	7.420	7.388	34.046	26.613	28.116	26.609	147.0	8.095	.0	1484.8	1549.0	13.0
340.0	338.2	7.379	7.346	34.062	26.632	28.181	26.627	145.4	8.241	.0	1484.8	1630.1	9.2
350.0	348.1	7.252	7.218	34.063	26.650	28.246	26.646	143.7	8.386	.0	1484.5	1712.6	21.5
360.0	358.0	7.032	6.999	34.046	26.667	28.310	26.663	142.1	8.529	.0	1483.8	1796.6	26.4
370.0	368.0	6.927	6.892	34.066	26.698	28.386	26.693	139.3	8.669	.0	1483.6	1881.9	27.9
380.0	377.9	6.716	6.681	34.061	26.722	28.458	26.718	137.0	8.807	.0	1482.9	1968.7	23.1
390.0	387.8	6.564	6.529	34.057	26.740	28.523	26.735	135.3	8.944	.0	1482.4	2056.8	25.2
400.0	397.8	6.428	6.392	34.070	26.768	28.598	26.763	132.7	9.077	.0	1482.1	2146.2	19.0
410.0	407.7	6.347	6.311	34.079	26.785	28.662	26.781	131.1	9.209	.0	1481.9	2236.9	18.4
420.0	417.6	6.235	6.198	34.087	26.806	28.729	26.802	129.2	9.339	.0	1481.7	2329.0	12.8
430.0	427.5	6.217	6.179	34.107	26.824	28.793	26.819	127.6	9.468	.0	1481.8	2422.3	11.6
440.0	437.4	6.218	6.179	34.113	26.829	28.844	26.824	127.3	9.595	.0	1482.0	2516.8	9.9
450.0	447.4	6.166	6.127	34.123	26.844	28.904	26.839	125.9	9.721	.0	1481.9	2612.7	2.6
460.0	457.3	6.031	5.992	34.121	26.859	28.967	26.854	124.5	9.847	.0	1481.5	2709.7	21.0
470.0	467.2	5.983	5.942	34.130	26.873	29.027	26.868	123.3	9.971	.0	1481.5	2808.0	8.1
480.0	477.1	5.863	5.822	34.126	26.884	29.085	26.879	122.2	10.093	.0	1481.2	2907.6	4.3
490.0	487.0	5.931	5.888	34.163	26.905	29.151	26.900	120.5	10.215	.0	1481.7	3008.3	7.5
500.0	497.0	5.844	5.801	34.179	26.929	29.221	26.924	118.3	10.334	.0	1481.5	3110.2	18.7
510.0	506.9	5.818	5.774	34.188	26.939	29.277	26.934	117.4	10.452	.0	1481.6	3213.3	.5
520.0	516.8	5.777	5.732	34.198	26.952	29.336	26.947	116.3	10.569	.0	1481.6	3317.5	14.0
530.0	526.7	5.767	5.722	34.205	26.959	29.388	26.954	115.8	10.685	.0	1481.7	3422.9	20.1
540.0	536.6	5.730	5.684	34.216	26.973	29.448	26.967	114.6	10.800	.0	1481.8	3529.4	9.9
550.0	546.5	5.847	5.800	34.250	26.986	29.505	26.980	113.6	10.914	.0	1482.4	3637.1	2.3
560.0	556.5	5.800	5.752	34.265	27.003	29.569	26.997	112.0	11.027	.0	1482.4	3745.9	22.5
570.0	566.4	5.618	5.569	34.256	27.018	29.632	27.012	110.5	11.139	.0	1481.9	3855.7	35.1
580.0	576.3	5.348	5.300	34.227	27.028	29.690	27.022	109.4	11.248	.0	1480.9	3966.7	22.4
590.0	586.2	5.295	5.246	34.240	27.045	29.754	27.039	107.9	11.357	.0	1480.8	4078.8	4.6
600.0	596.1	5.199	5.150	34.249	27.062	29.819	27.056	106.2	11.464	.0	1480.6	4191.9	7.8
610.0	606.0	5.153	5.103	34.251	27.070	29.873	27.064	105.5	11.570	.0	1480.6	4306.0	.4
620.0	615.9	5.221	5.170	34.280	27.085	29.932	27.079	104.3	11.675	.0	1481.1	4421.2	19.8
630.0	625.8	5.068	5.017	34.276	27.099	29.994	27.093	102.9	11.778	.0	1480.6	4537.4	8.6
640.0	635.8	5.018	4.966	34.275	27.104	30.046	27.098	102.4	11.881	.0	1480.6	4654.7	7.8
650.0	645.7	4.982	4.930	34.278	27.111	30.099	27.105	101.8	11.983	.0	1480.6	4772.9	20.1
660.0	655.6	4.898	4.846	34.281	27.123	30.158	27.117	100.7	12.084	.0	1480.4	4892.2	10.7
670.0	665.5	4.831	4.778	34.293	27.140	30.222	27.134	99.1	12.184	.0	1480.3	5012.4	2.8
680.0	675.4	4.803	4.749	34.295	27.145	30.273	27.139	98.7	12.283	.0	1480.4	5133.6	16.8
690.0	685.3	4.719	4.665	34.301	27.159	30.334	27.153	97.4	12.381	.0	1480.2	5255.8	10.7
700.0	695.2	4.692	4.637	34.307	27.167	30.388	27.161	96.7	12.478	.0	1480.3	5378.9	1.9
710.0	705.1	4.681	4.625	34.308	27.169	30.436	27.163	96.5	12.574	.0	1480.4	5503.0	6.6
720.0	715.0	4.554	4.498	34.309	27.183	30.498	27.177	95.1	12.670	.0	1480.0	5628.0	21.2
730.0	724.9	4.529	4.473	34.316	27.192	30.553	27.186	94.4	12.765	.0	1480.1	5754.0	18.3
740.0	734.8	4.506	4.449	34.322	27.200	30.607	27.193	93.7	12.859	.0	1480.2	5880.9	7.4
750.0	744.7	4.470	4.412	34.326	27.206	30.660	27.200	93.1	12.952	.0	1480.2	6008.7	24.1
760.0	754.6	4.427	4.369	34.335	27.219	30.718	27.212	92.0	13.045	.0	1480.2	6137.5	7.5
770.0	764.5	4.408	4.348	34.338	27.223	30.769	27.217	91.6	13.136	.0	1480.3	6267.1	5.4
780.0	774.4	4.422	4.362	34.356	27.236	30.827	27.229	90.6	13.227	.0	1480.5	6397.6	6.6
790.0	784.3	4.380	4.319	34.360	27.244	30.881	27.237	89.9	13.318	.0	1480.5	6529.0	17.1
800.0	794.2	4.329	4.267	34.368	27.255	30.940	27.249	88.8	13.407	.0	1480.5	6661.4	7.8
810.0	804.2	4.279	4.217	34.374	27.265	30.996	27.259	87.9	13.495	.0	1480.4	6794.5	7.5
820.0	814.0	4.258	4.195	34.378	27.271	31.048	27.264	87.4	13.583	.0	1480.5	6928.6	7.8
830.0	824.0	4.211	4.148	34.389	27.284	31.108	27.278	86.1	13.670	.0	1480.5	7063.5	11.9
840.0	833.8	4.231	4.167	34.397	27.289	31.158	27.283	85.8	13.756	.0	1480.8	7199.2	4.0
850.0	843.7	4.167	4.103	34.395	27.294	31.210	27.287	85.4	13.842	.0	1480.7	7335.8	3.7
860.0	853.6	4.156	4.091	34.399	27.299	31.260	27.292	85.0	13.927	.0	1480.8	7473.2	9.2
870.0	863.5	4.118	4.052	34.404	27.307	31.315	27.300	84.2	14.012	.0	1480.8	7611.5	5.7
880.0	873.4	4.085	4.018	34.408	27.314	31.368	27.307	83.6	14.095	.0	1480.8	7750.6	8.7
890.0	883.3	4.076	4.009	34.413	27.318	31.419	27.311	83.3	14.179	.0	1481.0	7890.5	5.7
900.0	893.2	4.060	3.992	34.418	27.324	31.471	27.317	82.8	14.262	.0	1481.1	8031.2	5.5
910.0	903.1	4.025	3.957	34.424	27.332	31.525	27.325	82.0	14.344	.0	1481.1	8172.8	11.0
920.0	913.0	4.009	3.940	34.429	27.338	31.577	27.331	81.5	14.426	.0	1481.2	8315.1	5.5
930.0	922.9	3.997	3.927	34.431	27.341	31.625	27.333	81.4	14.507	.0	1481.3	8458.2	6.1
940.0	932.8	3.976	3.905	34.435	27.346	31.677	27.339	80.9	14.589	.0	1481.4	8602.2	5.2
950.0	942.7	3.941	3.870	34.438	27.353	31.730	27.346	80.3	14.669	.0	1481.4	8746.9	9.9
960.0	952.6	3.902	3.830	34.441	27.359	31.782	27.352	79.7	14.749	.0	1481.4	8892.4	3.7
970.0	962.5	3.873	3.801	34.444	27.365	31.834	27.357	79.2	14.829	.0	1481.5	9038.7	5.8
980.0	972.4	3.856	3.783	34.448	27.369	31.885	27.362	78.8	14.908	.0	1481.6	9185.8	8.4
990.0	982.3	3.820	3.747	34.453	27.377	31.939	27.369	78.1	14.986	.0	1481.6	9333.6	5.5

Station 110 Latitude 32° 19.48'N Longitude 126° 48.54'W 07 May 1991 GMT 3:48 Bottom 4285 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.800	3.726	34.457	27.382	31.991	27.375	77.6	15.064	.0	1481.7	9482.2	6.7
1020.0	1011.9	3.773	3.698	34.464	27.390	32.091	27.383	77.0	15.219	.0	1481.9	9781.7	5.8
1040.0	1031.7	3.717	3.641	34.471	27.402	32.195	27.394	76.0	15.372	.0	1482.0	10084.3	12.5
1060.0	1051.5	3.647	3.569	34.472	27.409	32.295	27.402	75.3	15.522	.0	1482.0	10389.7	6.4
1080.0	1071.3	3.586	3.507	34.476	27.419	32.397	27.411	74.4	15.672	.0	1482.1	10698.2	8.4
1100.0	1091.0	3.541	3.461	34.482	27.429	32.500	27.421	73.5	15.820	.0	1482.3	11009.5	2.6
1120.0	1110.8	3.497	3.416	34.488	27.437	32.600	27.429	72.8	15.966	.0	1482.4	11323.7	5.2
1140.0	1130.6	3.467	3.384	34.493	27.444	32.700	27.436	72.2	16.111	.0	1482.6	11640.8	2.6
1160.0	1150.3	3.447	3.363	34.499	27.451	32.798	27.443	71.7	16.255	.0	1482.9	11960.6	3.8
1180.0	1170.1	3.412	3.326	34.502	27.458	32.897	27.449	71.1	16.398	.0	1483.1	12283.3	.9
1200.0	1189.9	3.369	3.283	34.508	27.466	32.997	27.458	70.4	16.540	.0	1483.2	12608.8	8.2
1220.0	1209.6	3.316	3.228	34.513	27.475	33.099	27.467	69.5	16.679	.0	1483.3	12937.0	3.5
1240.0	1229.4	3.289	3.200	34.515	27.480	33.195	27.471	69.2	16.818	.0	1483.5	13267.9	2.7
1260.0	1249.1	3.250	3.159	34.519	27.486	33.294	27.478	68.6	16.956	.0	1483.7	13601.5	2.4
1280.0	1268.9	3.227	3.135	34.522	27.491	33.391	27.483	68.2	17.093	.0	1484.0	13937.8	3.6
1300.0	1288.7	3.191	3.098	34.524	27.496	33.487	27.487	67.8	17.229	.0	1484.1	14276.8	3.6
1320.0	1308.4	3.167	3.073	34.529	27.502	33.586	27.493	67.3	17.364	.0	1484.4	14618.4	.4
1340.0	1328.2	3.109	3.013	34.531	27.510	33.686	27.501	66.5	17.497	.0	1484.5	14962.6	1.8
1360.0	1347.9	3.061	2.964	34.534	27.516	33.785	27.507	65.9	17.630	.0	1484.6	15309.4	-1.1
1380.0	1367.6	3.041	2.943	34.539	27.523	33.883	27.514	65.4	17.761	.0	1484.8	15658.8	.4
1400.0	1387.4	3.001	2.902	34.542	27.528	33.981	27.519	64.9	17.892	.0	1485.0	16010.7	2.5
1420.0	1407.1	2.963	2.862	34.544	27.533	34.078	27.524	64.4	18.021	.0	1485.2	16365.2	5.1
1440.0	1426.9	2.925	2.823	34.547	27.539	34.176	27.530	63.8	18.149	.0	1485.3	16722.2	3.4
1460.0	1446.6	2.890	2.786	34.549	27.545	34.273	27.535	63.4	18.276	.0	1485.5	17081.6	2.2
1480.0	1466.3	2.861	2.757	34.552	27.550	34.370	27.540	62.9	18.403	.0	1485.7	17443.6	1.9
1500.0	1486.1	2.819	2.713	34.554	27.555	34.468	27.545	62.4	18.528	.0	1485.9	17807.9	4.3
1520.0	1505.8	2.789	2.682	34.556	27.559	34.564	27.550	62.0	18.652	.0	1486.1	18174.7	2.8
1540.0	1525.5	2.759	2.651	34.560	27.565	34.662	27.555	61.5	18.776	.0	1486.3	18543.9	4.6
1560.0	1545.3	2.730	2.620	34.562	27.569	34.758	27.559	61.1	18.899	.0	1486.5	18915.5	4.6
1580.0	1565.0	2.701	2.590	34.566	27.575	34.856	27.566	60.5	19.020	.0	1486.7	19289.5	3.2
1600.0	1584.7	2.684	2.572	34.568	27.578	34.950	27.568	60.4	19.141	.0	1487.0	19665.8	2.0
1620.0	1604.4	2.655	2.542	34.570	27.582	35.046	27.572	60.0	19.261	.0	1487.2	20044.5	2.3
1640.0	1624.1	2.620	2.505	34.574	27.589	35.144	27.579	59.4	19.381	.0	1487.4	20425.5	4.7
1660.0	1643.8	2.594	2.478	34.575	27.592	35.239	27.582	59.1	19.499	.0	1487.6	20808.8	5.3
1680.0	1663.6	2.555	2.437	34.579	27.599	35.338	27.589	58.4	19.617	.0	1487.8	21194.4	.6
1700.0	1683.3	2.528	2.409	34.581	27.602	35.433	27.592	58.1	19.733	.0	1488.0	21582.2	6.4
1720.0	1703.0	2.497	2.377	34.583	27.607	35.530	27.597	57.6	19.849	.0	1488.2	21972.4	5.0
1740.0	1722.7	2.464	2.342	34.586	27.612	35.627	27.602	57.1	19.964	.0	1488.4	22364.7	5.9
1760.0	1742.4	2.427	2.304	34.589	27.618	35.724	27.608	56.6	20.078	.0	1488.6	22759.3	2.1
1780.0	1762.1	2.403	2.279	34.591	27.622	35.820	27.611	56.2	20.191	.0	1488.8	23156.0	.9
1800.0	1781.8	2.377	2.251	34.594	27.626	35.916	27.615	55.8	20.302	.0	1489.0	23554.9	2.4
1820.0	1801.5	2.361	2.234	34.596	27.629	36.010	27.618	55.6	20.414	.0	1489.3	23956.0	-.2
1840.0	1821.2	2.344	2.216	34.597	27.632	36.103	27.621	55.4	20.525	.0	1489.6	24359.3	3.3
1860.0	1840.9	2.318	2.188	34.598	27.635	36.198	27.624	55.0	20.635	.0	1489.8	24764.7	6.6
1880.0	1860.6	2.277	2.147	34.602	27.641	36.297	27.631	54.4	20.745	.0	1490.0	25172.2	1.3
1900.0	1880.3	2.263	2.131	34.603	27.643	36.390	27.633	54.2	20.853	.0	1490.2	25581.8	2.2
1920.0	1900.0	2.237	2.104	34.606	27.647	36.485	27.637	53.8	20.962	.0	1490.5	25993.5	4.2
1940.0	1919.7	2.210	2.075	34.608	27.651	36.581	27.640	53.4	21.069	.0	1490.7	26407.3	4.3
1960.0	1939.4	2.186	2.050	34.611	27.656	36.676	27.645	53.0	21.175	.0	1490.9	26823.2	1.1
1980.0	1959.1	2.168	2.030	34.612	27.658	36.770	27.647	52.8	21.281	.0	1491.2	27241.1	.2
2000.0	1978.8	2.139	2.000	34.615	27.663	36.867	27.652	52.3	21.386	.0	1491.4	27661.0	4.0
2050.0	2027.9	2.086	1.944	34.620	27.671	37.103	27.660	51.5	21.646	.0	1492.0	28719.7	.2
2094.0	2071.2	2.048	1.902	34.624	27.678	37.309	27.667	50.9	21.871	.0	1492.6	29661.6	.0

Station 111 Latitude 32° 11.98'N Longitude 126° 52.48'W 07 May 1991 GMT 5:53 Bottom 3395 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	16.187	16.187	33.179	24.305	24.305	24.305	360.9	.000	.0	1508.9	.0	.0
10.0	10.0	15.748	15.746	33.186	24.410	24.455	24.410	351.2	.357	.0	1507.7	1.8	41.8
20.0	19.9	15.098	15.095	33.194	24.560	24.648	24.559	337.3	.702	.0	1505.8	7.1	24.7
30.0	29.9	15.053	15.048	33.181	24.560	24.693	24.559	337.5	1.039	.0	1505.8	15.7	3.1
40.0	39.9	14.939	14.933	33.175	24.581	24.758	24.580	335.9	1.377	.0	1505.6	27.8	201.6
50.0	49.8	14.181	14.174	33.123	24.701	24.923	24.700	324.7	1.704	.0	1503.3	43.1	38.1
60.0	59.8	14.057	14.049	33.138	24.739	25.004	24.737	321.4	2.027	.0	1503.0	61.7	15.8
70.0	69.7	13.831	13.821	33.113	24.767	25.078	24.765	318.9	2.347	.0	1502.4	83.5	17.2
80.0	79.7	13.763	13.751	33.105	24.774	25.129	24.772	318.4	2.666	.0	1502.3	108.5	.2
90.0	89.7	13.743	13.730	33.103	24.778	25.177	24.775	318.4	2.984	.0	1502.4	136.6	5.2
100.0	99.6	13.704	13.690	33.113	24.794	25.237	24.791	317.2	3.302	.0	1502.5	167.9	32.5
110.0	109.6	13.098	13.083	33.126	24.926	25.415	24.923	304.8	3.615	.0	1500.6	202.4	199.3
120.0	119.5	12.198	12.182	33.082	25.066	25.602	25.063	291.5	3.913	.0	1497.7	239.8	277.0
130.0	129.5	11.302	11.286	33.105	25.249	25.832	25.247	274.1	4.195	.0	1494.8	280.2	83.8
140.0	139.4	10.480	10.464	33.105	25.395	26.025	25.392	260.3	4.464	.0	1492.0	323.3	238.6
150.0	149.4	10.075	10.058	33.155	25.502	26.179	25.500	250.1	4.720	.0	1490.7	369.0	149.2
160.0	159.3	9.873	9.855	33.222	25.588	26.310	25.585	242.2	4.965	.0	1490.2	417.2	105.5
170.0	169.3	9.639	9.620	33.368	25.741	26.509	25.738	227.8	5.201	.0	1489.7	467.7	222.9
180.0	179.2	9.527	9.507	33.438	25.814	26.628	25.811	221.0	5.423	.0	1489.6	520.6	15.9
190.0	189.2	9.223	9.203	33.491	25.904	26.764	25.901	212.5	5.640	.0	1488.7	575.6	76.2
200.0	199.1	9.142	9.120	33.607	26.008	26.913	26.005	202.9	5.848	.0	1488.7	632.7	103.4
210.0	209.0	9.060	9.038	33.785	26.161	27.111	26.157	188.6	6.043	.0	1488.8	691.8	107.8
220.0	219.0	9.073	9.049	33.837	26.200	27.195	26.196	185.1	6.230	.0	1489.1	752.8	39.0
230.0	228.9	8.957	8.933	33.883	26.255	27.296	26.251	180.0	6.413	.0	1488.8	815.6	47.8
240.0	238.9	8.808	8.783	33.916	26.304	27.390	26.300	175.5	6.590	.0	1488.5	880.2	79.7
250.0	248.8	8.591	8.565	33.956	26.369	27.502	26.365	169.4	6.762	.0	1487.9	946.6	26.3
260.0	258.7	8.467	8.440	33.978	26.405	27.584	26.401	166.1	6.930	.0	1487.6	1014.6	38.9
270.0	268.7	8.398	8.370	34.006	26.438	27.662	26.434	163.2	7.094	.0	1487.5	1084.2	49.2
280.0	278.6	8.264	8.236	34.020	26.469	27.739	26.465	160.4	7.255	.0	1487.2	1155.5	9.3
290.0	288.5	8.175	8.145	34.031	26.491	27.808	26.487	158.4	7.414	.0	1487.0	1228.3	14.9
300.0	298.5	7.981	7.951	34.037	26.525	27.888	26.521	155.2	7.571	.0	1486.5	1302.8	29.5
310.0	308.4	7.796	7.765	34.031	26.547	27.957	26.543	153.2	7.725	.0	1485.9	1378.7	28.6
320.0	318.3	7.626	7.595	34.034	26.574	28.031	26.570	150.7	7.877	.0	1485.4	1456.2	37.0
330.0	328.3	7.479	7.447	34.042	26.602	28.104	26.597	148.2	8.026	.0	1485.0	1535.1	24.4
340.0	338.2	7.340	7.308	34.048	26.626	28.175	26.622	145.9	8.173	.0	1484.7	1615.6	18.0
350.0	348.1	7.240	7.207	34.057	26.647	28.243	26.643	144.0	8.318	.0	1484.5	1697.4	22.3
360.0	358.0	7.066	7.032	34.053	26.668	28.310	26.664	142.0	8.461	.0	1483.9	1780.7	44.9
370.0	368.0	6.926	6.892	34.055	26.689	28.378	26.684	140.1	8.602	.0	1483.5	1865.4	4.1
380.0	377.9	6.849	6.814	34.058	26.702	28.437	26.698	138.9	8.742	.0	1483.4	1951.5	11.7
390.0	387.8	6.729	6.694	34.064	26.723	28.505	26.718	137.0	8.880	.0	1483.1	2039.0	17.6
400.0	397.7	6.667	6.631	34.075	26.740	28.568	26.736	135.5	9.016	.0	1483.0	2127.8	26.4
410.0	407.7	6.534	6.497	34.076	26.758	28.633	26.754	133.8	9.151	.0	1482.7	2217.9	2.9
420.0	417.6	6.513	6.475	34.097	26.778	28.698	26.773	132.1	9.284	.0	1482.8	2309.4	24.6
430.0	427.5	6.394	6.356	34.105	26.800	28.767	26.795	130.0	9.415	.0	1482.5	2402.2	19.0
440.0	437.4	6.246	6.207	34.108	26.822	28.836	26.817	128.0	9.544	.0	1482.1	2496.2	11.4
450.0	447.4	6.244	6.204	34.117	26.829	28.889	26.824	127.4	9.672	.0	1482.2	2591.6	24.3
460.0	457.3	6.199	6.159	34.122	26.839	28.945	26.834	126.6	9.799	.0	1482.2	2688.2	4.3
470.0	467.2	6.126	6.084	34.126	26.851	29.003	26.846	125.5	9.925	.0	1482.1	2786.0	7.9
480.0	477.1	6.085	6.043	34.134	26.863	29.061	26.858	124.5	10.050	.0	1482.1	2885.1	23.7
490.0	487.0	6.035	5.993	34.141	26.875	29.119	26.869	123.5	10.174	.0	1482.1	2985.4	12.2
500.0	497.0	5.983	5.940	34.148	26.888	29.178	26.882	122.4	10.297	.0	1482.0	3086.9	20.2
510.0	506.9	5.897	5.853	34.161	26.908	29.245	26.903	120.5	10.418	.0	1481.9	3189.7	11.6
520.0	516.8	5.823	5.778	34.171	26.925	29.308	26.920	118.9	10.538	.0	1481.7	3293.6	16.0
530.0	526.7	5.752	5.707	34.175	26.937	29.367	26.932	117.8	10.657	.0	1481.6	3398.7	21.3
540.0	536.6	5.704	5.658	34.187	26.953	29.429	26.947	116.4	10.774	.0	1481.6	3504.9	10.2
550.0	546.5	5.622	5.576	34.204	26.976	29.499	26.971	114.2	10.889	.0	1481.5	3612.3	19.2
560.0	556.5	5.555	5.508	34.215	26.994	29.563	26.988	112.6	11.003	.0	1481.4	3720.9	19.2
570.0	566.4	5.496	5.449	34.231	27.013	29.628	27.007	110.8	11.115	.0	1481.3	3830.5	15.7
580.0	576.3	5.456	5.407	34.238	27.023	29.685	27.018	109.9	11.225	.0	1481.3	3941.3	4.9
590.0	586.2	5.390	5.341	34.240	27.033	29.741	27.028	109.0	11.334	.0	1481.2	4053.1	7.2
600.0	596.1	5.332	5.283	34.251	27.049	29.803	27.043	107.6	11.443	.0	1481.2	4166.0	17.8
610.0	606.0	5.318	5.268	34.254	27.053	29.853	27.047	107.4	11.550	.0	1481.3	4279.9	11.3
620.0	615.9	5.299	5.248	34.269	27.067	29.913	27.061	106.1	11.657	.0	1481.4	4394.9	12.8
630.0	625.8	5.208	5.156	34.273	27.081	29.974	27.075	104.8	11.762	.0	1481.2	4511.0	7.2
640.0	635.8	5.161	5.109	34.280	27.092	30.031	27.086	103.8	11.867	.0	1481.2	4628.1	2.5
650.0	645.7	5.148	5.095	34.285	27.097	30.083	27.091	103.4	11.970	.0	1481.3	4746.2	11.9
660.0	655.6	5.097	5.043	34.295	27.112	30.143	27.105	102.1	12.073	.0	1481.3	4865.3	13.1
670.0	665.5	5.012	4.958	34.298	27.124	30.202	27.117	101.0	12.174	.0	1481.1	4985.4	-1.3
680.0	675.4	5.003	4.948	34.303	27.129	30.253	27.122	100.6	12.275	.0	1481.2	5106.6	10.7
690.0	685.3	5.016	4.960	34.317	27.139	30.308	27.132	99.8	12.375	.0	1481.4	5228.7	5.2
700.0	695.2	5.019	4.963	34.329	27.148	30.363	27.142	99.0	12.475	.0	1481.6	5351.8	5.8
710.0	705.1	4.987	4.930	34.340	27.160	30.421	27.153	98.0	12.573	.0	1481.7	5475.9	7.5
720.0	715.0	5.007	4.948	34.360	27.174	30.480	27.167	96.8	12.671	.0	1482.0	5600.9	9.3
730.0	724.9	4.977	4.918	34.370	27.185	30.538	27.179	95.8	12.767	.0	1482.0	5726.9	14.3
740.0	734.8	4.899	4.840	34.375	27.199	30.598	27.192	94.6	12.862	.0	1481.9	5853.8	7.0
750.0	744.7	4.840	4.780	34.379	27.208	30.654	27.201	93.7	12.956	.0	1481.8	5981.7	17.8
760.0	754.6	4.711	4.651	34.382	27.225	30.719	27.218	92.0	13.048	.0	1481.4	6110.4	5.2
770.0	764.5	4.690	4.630	34.382	27.227	30.767	27.221	91.8	13.140	.0	1481.5	6240.1	7.2
780.0	774.5	4.646	4.585	34.385	27.235	30.821	27.228	91.1	13.232	.0	1481.5	6370.7	27.4
790.0	784.3	4.556	4.494	34.393	27.251	30.885	27.244	89.6	13.322	.0	1481.3	6502.1	17.2
800.0	794.3	4.513	4.451	34.400	27.261	30.942	27.255	88.6	13.411	.0	1481.3	6634.5	11.0
810.0	804.2	4.450	4.387	34.404	27.271	30.999	27.265	87.6	13.499	.0	1481.2	6767.7	-.7
820.0	814.0	4.446	4.382	34.404	27.272	31.045	27.265	87.7	13.587	.0	1481.3	6901.8	6.9
830.0	824.0	4.410	4.345	34.407	27.278	31.097	27.271	87.1	13.674	.0	1481.4	7036.7	5.8
840.0	833.8	4.397	4.332	34.416	27.287	31.152	27.280	86.4	13.761	.0	1481.5	7172.5	11.3
850.0	843.8	4.327	4.262	34.418	27.296	31.208	27.289	85.5	13.847	.0	1481.4	7309.2	-.4
860.0	853.7	4.289	4.223	34.417	27.299	31.258	27.292	85.2	13.933	.0	1481.4	7446.7	9.3
870.0	863.5	4.268	4.201	34.419	27.303	31.307	27.296	84.9	14.018	.0	1481.4	7585.0	2.8
880.0	873.5	4.180	4.113	34.414	27.309	31.361	27.301	84.3	14.102	.0	1481.2	7724.1	3.4
890.0	883.3	4.162	4.095	34.416	27.312	31.410	27.305	84.0	14.186	.0	1481.3	7864.1	-2.1
900.0	893.2	4.135	4.066	34.419	27.317	31.461	27.310	83.6	14.270	.0	1481.4	8004.9	11.0
910.0	903.1	4.084	4.015	34.420	27.323	31.515	27.316	83.0	14.354	.0	1481.3	8146.6	2.2
920.0	913.0	4.080	4.010	34.421	27.324	31.561	27.317	83.0	14.436	.0	1481.5	8289.0	1.4
930.0	922.9	4.056	3.986	34.423	27.329	31.612	27.322	82.6	14.519	.0	1481.5	8432.3	8.1
940.0	932.8	4.008	3.937	34.429	27.338	31.668	27.331	81.7	14.601	.0	1481.5	8576.3	14.3
950.0	942.7	4.015	3.944	34.436	27.343	31.719	27.336	81.4	14.683	.0	1481.7	8721.2	2.9
960.0	952.6	4.033	3.961	34.446	27.350	31.770	27.342	80.9	14.764	.0	1482.0	8866.8	-.1
970.0	962.5	4.002	3.929	34.444	27.352	31.818	27.344	80.7	14.845	.0	1482.0	9013.3	5.2
980.0	972.4	3.955	3.882	34.451	27.362	31.875	27.354	79.8	14.925	.0	1482.0	9160.5	6.7
990.0	982.3	3.937	3.863	34.452	27.364	31.924	27.357	79.6	15.005	.0	1482.1	9308.6	7.3

Station 111 Latitude 32° 11.98'N Longitude 126° 52.48'W 07 May 1991 GMT 5:53 Bottom 3395 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.911	3.836	34.454	27.368	31.974	27.361	79.2	15.084	.0	1482.1	9457.4	7.9
1020.0	1012.0	3.874	3.797	34.462	27.379	32.076	27.371	78.3	15.241	.0	1482.3	9757.3	9.0
1040.0	1031.7	3.837	3.759	34.469	27.389	32.178	27.381	77.5	15.397	.0	1482.5	10060.3	8.2
1060.0	1051.5	3.772	3.693	34.478	27.402	32.285	27.395	76.2	15.551	.0	1482.6	10366.3	8.8
1080.0	1071.3	3.723	3.643	34.487	27.414	32.389	27.406	75.2	15.702	.0	1482.7	10675.3	3.5
1100.0	1091.1	3.667	3.586	34.490	27.423	32.490	27.415	74.4	15.852	.0	1482.8	10987.3	7.6
1120.0	1110.8	3.615	3.533	34.496	27.433	32.592	27.425	73.5	15.999	.0	1482.9	11302.1	7.0
1140.0	1130.6	3.534	3.450	34.496	27.440	32.694	27.432	72.8	16.145	.0	1482.9	11619.9	2.3
1160.0	1150.4	3.476	3.392	34.500	27.449	32.795	27.441	71.9	16.290	.0	1483.0	11940.4	5.3
1180.0	1170.1	3.445	3.359	34.505	27.456	32.894	27.448	71.3	16.434	.0	1483.2	12263.8	7.3
1200.0	1189.9	3.405	3.318	34.506	27.461	32.991	27.453	70.9	16.576	.0	1483.4	12590.0	-1.1
1220.0	1209.6	3.365	3.277	34.510	27.468	33.090	27.459	70.3	16.717	.0	1483.5	12918.9	2.4
1240.0	1229.4	3.314	3.224	34.513	27.475	33.190	27.467	69.6	16.857	.0	1483.7	13250.6	2.1
1260.0	1249.2	3.289	3.197	34.515	27.480	33.286	27.471	69.3	16.996	.0	1483.9	13585.0	1.8
1280.0	1268.9	3.243	3.151	34.517	27.486	33.385	27.477	68.7	17.134	.0	1484.0	13922.1	8.6
1300.0	1288.7	3.198	3.104	34.523	27.494	33.486	27.486	67.9	17.271	.0	1484.2	14261.9	2.4
1320.0	1308.4	3.162	3.067	34.525	27.500	33.583	27.491	67.5	17.406	.0	1484.3	14604.3	5.1
1340.0	1328.2	3.125	3.029	34.528	27.506	33.681	27.497	67.0	17.540	.0	1484.5	14949.4	2.7
1360.0	1347.9	3.094	2.997	34.532	27.512	33.779	27.503	66.4	17.674	.0	1484.7	15297.1	3.9
1380.0	1367.7	3.078	2.979	34.541	27.520	33.879	27.511	65.7	17.806	.0	1485.0	15647.4	2.8
1400.0	1387.4	3.034	2.934	34.544	27.528	33.979	27.518	65.0	17.937	.0	1485.1	16000.2	.4
1420.0	1407.1	2.991	2.890	34.548	27.534	34.078	27.525	64.4	18.066	.0	1485.3	16355.5	6.6
1440.0	1426.9	2.969	2.866	34.549	27.537	34.173	27.528	64.2	18.195	.0	1485.5	16713.4	8.1
1460.0	1446.6	2.925	2.821	34.553	27.544	34.272	27.535	63.5	18.323	.0	1485.7	17073.8	.5
1480.0	1466.3	2.888	2.783	34.556	27.550	34.370	27.541	63.0	18.449	.0	1485.9	17436.6	4.9
1500.0	1486.1	2.837	2.731	34.559	27.557	34.470	27.548	62.3	18.574	.0	1486.0	17801.9	1.3
1520.0	1505.8	2.807	2.700	34.561	27.562	34.566	27.552	61.9	18.699	.0	1486.2	18169.6	4.6
1540.0	1525.5	2.758	2.650	34.564	27.569	34.666	27.559	61.1	18.822	.0	1486.3	18539.7	2.8
1560.0	1545.3	2.729	2.619	34.568	27.574	34.763	27.564	60.7	18.943	.0	1486.5	18912.2	2.8
1580.0	1565.0	2.694	2.583	34.570	27.579	34.859	27.569	60.2	19.065	.0	1486.7	19287.1	4.0
1600.0	1584.7	2.666	2.553	34.572	27.583	34.956	27.574	59.8	19.184	.0	1486.9	19664.3	.2
1620.0	1604.4	2.642	2.528	34.575	27.587	35.051	27.577	59.5	19.304	.0	1487.2	20043.8	-.9
1640.0	1624.2	2.620	2.505	34.576	27.590	35.146	27.581	59.2	19.422	.0	1487.4	20425.6	4.4
1660.0	1643.9	2.597	2.481	34.577	27.593	35.240	27.583	59.0	19.541	.0	1487.6	20809.7	2.6
1680.0	1663.6	2.573	2.455	34.580	27.598	35.337	27.588	58.5	19.658	.0	1487.9	21196.1	4.7
1700.0	1683.3	2.545	2.426	34.582	27.602	35.432	27.592	58.2	19.775	.0	1488.1	21584.8	1.8
1720.0	1703.0	2.513	2.393	34.583	27.605	35.527	27.595	57.9	19.891	.0	1488.3	21975.7	6.2
1740.0	1722.7	2.480	2.358	34.586	27.611	35.625	27.601	57.3	20.006	.0	1488.5	22368.9	2.7
1760.0	1742.4	2.451	2.328	34.587	27.615	35.720	27.604	57.0	20.120	.0	1488.7	22764.3	.3
1780.0	1762.1	2.427	2.303	34.591	27.619	35.816	27.609	56.5	20.234	.0	1488.9	23161.9	1.2
1800.0	1781.8	2.412	2.286	34.592	27.622	35.910	27.611	56.4	20.347	.0	1489.2	23561.7	-2.0
1820.0	1801.5	2.379	2.253	34.595	27.626	36.006	27.616	55.9	20.459	.0	1489.4	23963.7	.4
1840.0	1821.2	2.353	2.224	34.597	27.631	36.102	27.620	55.5	20.570	.0	1489.6	24367.8	3.0
1860.0	1840.9	2.330	2.200	34.599	27.634	36.197	27.624	55.1	20.681	.0	1489.9	24774.1	4.8
1880.0	1860.6	2.300	2.169	34.602	27.639	36.294	27.629	54.7	20.791	.0	1490.1	25182.5	5.7
1900.0	1880.3	2.276	2.144	34.603	27.642	36.388	27.631	54.4	20.900	.0	1490.3	25593.1	1.3
1920.0	1900.0	2.255	2.122	34.605	27.645	36.482	27.634	54.1	21.008	.0	1490.5	26005.7	4.5
1940.0	1919.7	2.230	2.095	34.608	27.650	36.578	27.639	53.7	21.116	.0	1490.8	26420.4	3.4
1960.0	1939.4	2.205	2.069	34.610	27.654	36.674	27.643	53.3	21.223	.0	1491.0	26837.2	4.3
1980.0	1959.1	2.177	2.039	34.613	27.659	36.770	27.648	52.8	21.329	.0	1491.2	27256.1	3.7
2000.0	1978.8	2.156	2.017	34.615	27.662	36.864	27.651	52.5	21.434	.0	1491.5	27677.0	2.0
2050.0	2028.0	2.101	1.958	34.619	27.670	37.100	27.658	51.7	21.694	.0	1492.1	28738.0	3.2
2096.0	2073.2	2.066	1.920	34.623	27.676	37.315	27.664	51.2	21.931	.0	1492.7	29725.2	.0

Station 112 Latitude 32° 08.47'N Longitude 126° 54.01'W 08 May 1991 GMT 7:46 Bottom 2385 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	16.155	16.155	33.180	24.314	24.314	24.314	360.1	.000	.0	1508.8	.0	.0
10.0	10.0	15.822	15.821	33.178	24.388	24.432	24.388	353.4	.357	.0	1507.9	1.8	-24.0
20.0	19.9	15.132	15.129	33.194	24.553	24.641	24.552	338.0	.704	.0	1505.9	7.1	32.9
30.0	29.9	15.050	15.045	33.182	24.562	24.694	24.561	337.4	1.042	.0	1505.8	15.8	5.4
40.0	39.9	14.902	14.896	33.173	24.587	24.763	24.585	335.3	1.378	.0	1505.5	27.8	67.5
50.0	49.8	14.453	14.446	33.152	24.667	24.888	24.665	328.0	1.710	.0	1504.2	43.2	36.9
60.0	59.8	14.197	14.188	33.124	24.699	24.965	24.697	325.2	2.037	.0	1503.5	61.9	52.7
70.0	69.7	14.086	14.076	33.120	24.719	25.029	24.717	323.5	2.361	.0	1503.3	83.8	24.9
80.0	79.7	13.953	13.941	33.115	24.743	25.098	24.741	321.4	2.683	.0	1503.0	108.9	13.2
90.0	89.7	13.919	13.907	33.133	24.765	25.164	24.762	319.7	3.004	.0	1503.1	137.2	23.4
100.0	99.6	13.667	13.653	33.116	24.803	25.247	24.801	316.2	3.322	.0	1502.4	168.7	50.6
110.0	109.6	13.733	13.717	33.179	24.839	25.327	24.836	313.2	3.637	.0	1502.8	203.4	20.5
120.0	119.5	13.031	13.015	33.132	24.944	25.478	24.940	303.3	3.946	.0	1500.6	241.2	98.8
130.0	129.5	11.814	11.798	33.120	25.167	25.749	25.164	282.0	4.240	.0	1496.6	281.9	154.5
140.0	139.4	11.212	11.195	33.084	25.249	25.877	25.246	274.3	4.519	.0	1494.6	325.5	160.3
150.0	149.4	10.447	10.430	33.171	25.451	26.126	25.448	255.1	4.781	.0	1492.1	371.8	23.4
160.0	159.3	9.954	9.936	33.243	25.591	26.313	25.588	241.9	5.030	.0	1490.6	420.6	118.7
170.0	169.3	9.724	9.706	33.296	25.670	26.438	25.667	234.5	5.267	.0	1490.0	471.8	92.6
180.0	179.2	9.512	9.492	33.429	25.810	26.623	25.807	221.4	5.496	.0	1489.5	525.3	113.7
190.0	189.2	9.377	9.356	33.565	25.938	26.797	25.934	209.4	5.710	.0	1489.3	581.1	56.6
200.0	199.1	9.367	9.345	33.597	25.965	26.869	25.961	207.1	5.919	.0	1489.5	638.9	43.1
210.0	209.1	9.185	9.162	33.666	26.048	26.998	26.045	199.3	6.122	.0	1489.1	698.7	88.2
220.0	219.0	9.040	9.017	33.763	26.147	27.142	26.143	190.1	6.318	.0	1488.8	760.6	84.1
230.0	228.9	8.999	8.974	33.814	26.194	27.235	26.190	185.8	6.506	.0	1488.9	824.3	67.1
240.0	238.9	8.871	8.845	33.861	26.251	27.337	26.247	180.6	6.689	.0	1488.6	889.9	42.5
250.0	248.8	8.816	8.790	33.889	26.281	27.413	26.277	177.9	6.869	.0	1488.6	957.2	30.5
260.0	258.7	8.619	8.592	33.927	26.342	27.520	26.338	172.2	7.043	.0	1488.1	1026.3	93.1
270.0	268.7	8.487	8.459	33.970	26.396	27.620	26.392	167.2	7.212	.0	1487.8	1097.2	51.8
280.0	278.6	8.339	8.311	33.986	26.431	27.701	26.427	164.0	7.377	.0	1487.5	1169.6	4.4
290.0	288.5	8.189	8.160	34.009	26.472	27.788	26.468	160.2	7.540	.0	1487.1	1243.7	23.4
300.0	298.5	8.120	8.089	34.017	26.489	27.851	26.484	158.8	7.700	.0	1487.0	1319.4	39.5
310.0	308.4	7.963	7.931	34.035	26.526	27.934	26.521	155.3	7.857	.0	1486.6	1396.7	32.7
320.0	318.3	7.873	7.841	34.036	26.541	27.995	26.536	154.0	8.011	.0	1486.4	1475.4	43.0
330.0	328.3	7.674	7.642	34.050	26.581	28.082	26.576	150.3	8.163	.0	1485.8	1555.8	37.6
340.0	338.2	7.525	7.492	34.052	26.603	28.151	26.599	148.2	8.312	.0	1485.4	1637.6	42.9
350.0	348.1	7.432	7.398	34.061	26.623	28.217	26.619	146.4	8.459	.0	1485.2	1720.8	19.2
360.0	358.1	7.427	7.392	34.082	26.641	28.280	26.636	144.9	8.605	.0	1485.4	1805.5	13.3
370.0	368.0	7.402	7.366	34.104	26.662	28.347	26.657	143.0	8.749	.0	1485.5	1891.7	11.6
380.0	377.9	7.278	7.242	34.103	26.679	28.410	26.674	141.5	8.891	.0	1485.2	1979.2	30.9
390.0	387.8	7.160	7.123	34.118	26.707	28.485	26.702	138.9	9.032	.0	1484.9	2068.2	19.7
400.0	397.8	6.926	6.889	34.105	26.730	28.555	26.725	136.8	9.169	.0	1484.1	2158.5	19.7
410.0	407.7	6.887	6.849	34.119	26.746	28.617	26.741	135.4	9.306	.0	1484.1	2250.2	29.1
420.0	417.6	6.718	6.679	34.116	26.766	28.684	26.761	133.4	9.440	.0	1483.6	2343.2	7.7
430.0	427.5	6.611	6.572	34.116	26.781	28.745	26.775	132.1	9.573	.0	1483.4	2437.5	18.2
440.0	437.5	6.543	6.503	34.125	26.797	28.807	26.792	130.7	9.704	.0	1483.3	2533.2	4.4
450.0	447.4	6.391	6.351	34.125	26.816	28.874	26.811	128.8	9.834	.0	1482.8	2630.1	18.7
460.0	457.3	6.450	6.409	34.140	26.821	28.923	26.815	128.6	9.963	.0	1483.2	2728.3	9.4
470.0	467.2	6.221	6.180	34.118	26.833	28.984	26.828	127.3	10.091	.0	1482.5	2827.8	14.0
480.0	477.1	6.154	6.111	34.124	26.847	29.044	26.841	126.1	10.217	.0	1482.4	2928.5	24.9
490.0	487.1	6.005	5.962	34.130	26.870	29.115	26.865	123.8	10.342	.0	1481.9	3030.5	19.0
500.0	497.0	5.939	5.896	34.135	26.882	29.173	26.877	122.8	10.465	.0	1481.8	3133.7	1.7
510.0	506.9	5.868	5.824	34.140	26.895	29.232	26.890	121.6	10.588	.0	1481.7	3238.1	14.0
520.0	516.8	5.811	5.766	34.150	26.910	29.294	26.905	120.2	10.709	.0	1481.7	3343.7	17.8
530.0	526.7	5.723	5.678	34.159	26.928	29.359	26.923	118.6	10.828	.0	1481.5	3450.5	23.3
540.0	536.7	5.590	5.545	34.158	26.944	29.421	26.938	117.1	10.946	.0	1481.1	3558.5	16.3
550.0	546.6	5.509	5.463	34.156	26.952	29.477	26.947	116.3	11.062	.0	1480.9	3667.6	13.4
560.0	556.5	5.395	5.349	34.164	26.972	29.544	26.967	114.4	11.178	.0	1480.7	3777.8	20.4
570.0	566.4	5.329	5.282	34.176	26.989	29.607	26.984	112.8	11.291	.0	1480.6	3889.2	22.4
580.0	576.3	5.246	5.199	34.182	27.004	29.669	26.998	111.5	11.403	.0	1480.4	4001.7	11.0
590.0	586.2	5.256	5.208	34.196	27.014	29.724	27.008	110.7	11.515	.0	1480.6	4115.3	4.5
600.0	596.1	5.246	5.197	34.205	27.022	29.778	27.017	110.0	11.625	.0	1480.8	4230.0	10.4
610.0	606.0	5.347	5.297	34.231	27.031	29.831	27.025	109.4	11.735	.0	1481.4	4345.8	.8
620.0	616.0	5.395	5.344	34.253	27.043	29.888	27.037	108.5	11.844	.0	1481.8	4462.7	23.7
630.0	625.9	5.306	5.253	34.265	27.063	29.955	27.057	106.6	11.951	.0	1481.6	4580.6	13.1
640.0	635.8	5.237	5.184	34.275	27.080	30.018	27.073	105.1	12.057	.0	1481.5	4699.6	15.4
650.0	645.7	5.172	5.119	34.285	27.095	30.079	27.088	103.7	12.162	.0	1481.4	4819.6	16.0
660.0	655.6	5.130	5.076	34.289	27.103	30.134	27.097	103.0	12.265	.0	1481.4	4940.6	9.6
670.0	665.5	5.120	5.065	34.292	27.107	30.183	27.100	102.7	12.368	.0	1481.5	5062.7	-.1
680.0	675.4	5.088	5.032	34.303	27.119	30.242	27.112	101.6	12.470	.0	1481.6	5185.7	22.2
690.0	685.3	5.029	4.973	34.307	27.129	30.298	27.122	100.7	12.571	.0	1481.5	5309.8	23.3
700.0	695.2	4.945	4.888	34.318	27.147	30.364	27.141	99.0	12.671	.0	1481.3	5434.8	2.2
710.0	705.1	4.987	4.930	34.330	27.152	30.413	27.146	98.7	12.770	.0	1481.7	5560.8	6.7
720.0	715.0	5.014	4.956	34.345	27.161	30.467	27.154	98.0	12.869	.0	1482.0	5687.8	5.5
730.0	725.0	4.887	4.828	34.340	27.172	30.526	27.165	96.9	12.966	.0	1481.6	5815.8	10.2
740.0	734.9	4.816	4.757	34.348	27.186	30.587	27.180	95.6	13.062	.0	1481.5	5944.7	15.1
750.0	744.8	4.788	4.729	34.355	27.195	30.642	27.188	94.8	13.157	.0	1481.5	6074.5	3.1
760.0	754.7	4.747	4.687	34.361	27.205	30.698	27.198	93.9	13.252	.0	1481.5	6205.3	26.3
770.0	764.6	4.695	4.634	34.372	27.219	30.759	27.212	92.6	13.345	.0	1481.5	6337.0	16.0
780.0	774.5	4.669	4.607	34.378	27.227	30.813	27.220	91.9	13.437	.0	1481.6	6469.6	1.4
790.0	784.4	4.659	4.596	34.380	27.229	30.861	27.222	91.8	13.529	.0	1481.7	6603.1	8.1
800.0	794.3	4.622	4.559	34.387	27.239	30.917	27.232	90.9	13.620	.0	1481.7	6737.5	2.6
810.0	804.2	4.590	4.526	34.389	27.245	30.969	27.238	90.4	13.711	.0	1481.8	6872.8	3.2
820.0	814.1	4.553	4.488	34.395	27.253	31.023	27.246	89.7	13.801	.0	1481.8	7009.0	6.4
830.0	824.0	4.519	4.454	34.399	27.260	31.077	27.253	89.0	13.891	.0	1481.8	7146.1	9.6
840.0	833.9	4.459	4.394	34.409	27.274	31.138	27.267	87.7	13.979	.0	1481.7	7284.1	1.7
850.0	843.8	4.398	4.332	34.415	27.286	31.197	27.279	86.5	14.066	.0	1481.6	7422.9	22.2
860.0	853.7	4.360	4.294	34.418	27.292	31.249	27.285	86.0	14.153	.0	1481.7	7562.5	4.9
870.0	863.6	4.333	4.266	34.418	27.295	31.299	27.288	85.8	14.238	.0	1481.7	7703.0	1.1
880.0	873.5	4.327	4.259	34.418	27.296	31.346	27.289	85.7	14.324	.0	1481.8	7844.4	5.5
890.0	883.4	4.307	4.238	34.422	27.301	31.396	27.294	85.4	14.410	.0	1481.9	7986.6	-.6
900.0	893.3	4.291	4.221	34.426	27.306	31.447	27.299	84.9	14.495	.0	1482.0	8129.6	5.2
910.0	903.2	4.250	4.180	34.430	27.314	31.501	27.307	84.2	14.580	.0	1482.0	8273.5	2.6
920.0	913.1	4.234	4.163	34.432	27.317	31.550	27.310	84.0	14.664	.0	1482.1	8418.1	.5
930.0	923.0	4.225	4.154	34.434	27.320	31.599	27.313	83.8	14.748	.0	1482.3	8563.6	1.7
940.0	932.8	4.222	4.150	34.435	27.321	31.646	27.313	83.8	14.831	.0	1482.4	8710.0	-.9
950.0	942.7	4.164	4.092	34.442	27.333	31.704	27.325	82.7	14.915	.0	1482.4	8857.1	11.1
960.0	952.6	4.144	4.071	34.444	27.336	31.754	27.329	82.4	14.998	.0	1482.4	9005.1	4.7
970.0	962.5	4.106	4.032	34.446	27.342	31.806	27.334	81.9	15.080	.0	1482.4	9153.9	5.8
980.0	972.4	4.092	4.017	34.448	27.346	31.855	27.338	81.6	15.161	.0	1482.6	9303.5	2.9
990.0	982.3	4.020	3.945	34.456	27.359	31.917	27.352	80.2	15.242	.0	1482.4	9453.8	14.6

Station 112 Latitude 32° 08.47'N Longitude 126° 54.01'W 08 May 1991 GMT 7:46 Bottom 2385 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.987	3.912	34.458	27.364	31.968	27.357	79.8	15.322	.0	1482.5	9605.0	6.7
1020.0	1012.0	3.930	3.853	34.467	27.377	32.073	27.369	78.6	15.481	.0	1482.6	9909.6	6.1
1040.0	1031.8	3.878	3.800	34.472	27.387	32.175	27.379	77.8	15.638	.0	1482.7	10217.4	8.5
1060.0	1051.5	3.779	3.700	34.474	27.398	32.280	27.390	76.6	15.792	.0	1482.6	10528.2	2.9
1080.0	1071.3	3.674	3.594	34.479	27.413	32.389	27.405	75.2	15.944	.0	1482.5	10842.0	10.2
1100.0	1091.1	3.687	3.605	34.490	27.420	32.487	27.412	74.7	16.094	.0	1482.9	11158.7	10.2
1120.0	1110.8	3.634	3.551	34.495	27.430	32.589	27.422	73.8	16.242	.0	1483.0	11478.3	4.1
1140.0	1130.6	3.583	3.499	34.499	27.438	32.690	27.430	73.1	16.389	.0	1483.1	11800.9	2.4
1160.0	1150.4	3.484	3.400	34.498	27.447	32.793	27.439	72.1	16.534	.0	1483.0	12126.2	3.8
1180.0	1170.2	3.446	3.360	34.500	27.452	32.890	27.444	71.7	16.677	.0	1483.2	12454.4	2.9
1200.0	1189.9	3.415	3.328	34.503	27.458	32.988	27.449	71.3	16.820	.0	1483.4	12785.4	3.0
1220.0	1209.7	3.369	3.281	34.508	27.467	33.089	27.458	70.5	16.962	.0	1483.5	13119.2	6.2
1240.0	1229.4	3.311	3.221	34.511	27.475	33.189	27.466	69.7	17.102	.0	1483.6	13455.7	2.7
1260.0	1249.2	3.269	3.178	34.516	27.482	33.289	27.473	69.0	17.241	.0	1483.8	13795.0	.9
1280.0	1268.9	3.241	3.148	34.518	27.487	33.386	27.478	68.6	17.378	.0	1484.0	14136.9	.9
1300.0	1288.7	3.216	3.122	34.521	27.492	33.482	27.483	68.3	17.515	.0	1484.2	14481.5	.7
1320.0	1308.4	3.165	3.071	34.525	27.500	33.583	27.491	67.5	17.651	.0	1484.4	14828.8	5.1
1340.0	1328.2	3.138	3.042	34.526	27.503	33.678	27.494	67.2	17.786	.0	1484.6	15178.7	2.7
1360.0	1347.9	3.087	2.990	34.530	27.511	33.779	27.502	66.5	17.919	.0	1484.7	15531.3	3.9
1380.0	1367.7	3.044	2.946	34.535	27.519	33.879	27.510	65.7	18.051	.0	1484.8	15886.4	1.9
1400.0	1387.4	3.028	2.928	34.536	27.521	33.973	27.512	65.6	18.182	.0	1485.1	16244.0	.4
1420.0	1407.2	3.015	2.914	34.538	27.524	34.067	27.515	65.4	18.313	.0	1485.4	16604.3	1.6
1440.0	1426.9	2.951	2.849	34.547	27.537	34.173	27.528	64.1	18.443	.0	1485.5	16967.0	6.0
1460.0	1446.7	2.901	2.798	34.552	27.546	34.274	27.537	63.3	18.570	.0	1485.6	17332.3	1.3
1480.0	1466.4	2.858	2.753	34.555	27.552	34.373	27.543	62.7	18.696	.0	1485.7	17700.0	1.0
1500.0	1486.1	2.826	2.720	34.558	27.558	34.470	27.548	62.2	18.821	.0	1485.9	18070.2	-1.9
1520.0	1505.8	2.812	2.705	34.560	27.560	34.564	27.551	62.0	18.945	.0	1486.2	18442.8	6.1
1540.0	1525.6	2.791	2.682	34.561	27.563	34.658	27.553	61.8	19.069	.0	1486.5	18817.7	1.1
1560.0	1545.3	2.780	2.669	34.562	27.565	34.752	27.556	61.7	19.192	.0	1486.7	19195.1	2.6
1580.0	1565.0	2.722	2.610	34.568	27.575	34.854	27.565	60.7	19.315	.0	1486.8	19574.9	3.4
1600.0	1584.8	2.705	2.592	34.567	27.576	34.947	27.566	60.6	19.436	.0	1487.1	19957.1	4.6
1620.0	1604.5	2.662	2.548	34.569	27.581	35.045	27.572	60.1	19.557	.0	1487.2	20341.6	4.1
1640.0	1624.2	2.627	2.512	34.573	27.587	35.143	27.577	59.5	19.677	.0	1487.4	20728.4	2.9
1660.0	1643.9	2.590	2.474	34.575	27.593	35.240	27.583	59.0	19.795	.0	1487.6	21117.5	9.1
1680.0	1663.6	2.536	2.418	34.581	27.602	35.342	27.592	58.0	19.912	.0	1487.7	21509.0	1.2
1700.0	1683.3	2.529	2.410	34.581	27.602	35.433	27.592	58.1	20.028	.0	1488.0	21902.7	.3
1720.0	1703.1	2.494	2.374	34.584	27.608	35.531	27.598	57.5	20.144	.0	1488.2	22298.6	.0
1740.0	1722.8	2.489	2.368	34.584	27.608	35.622	27.598	57.6	20.259	.0	1488.5	22696.8	-1.1
1760.0	1742.5	2.471	2.348	34.586	27.612	35.716	27.601	57.3	20.374	.0	1488.8	23097.2	1.2
1780.0	1762.2	2.427	2.303	34.589	27.618	35.815	27.608	56.6	20.488	.0	1488.9	23499.8	2.7
1800.0	1781.9	2.373	2.247	34.594	27.626	35.916	27.616	55.8	20.601	.0	1489.0	23904.6	3.3
1820.0	1801.6	2.347	2.220	34.596	27.631	36.012	27.620	55.4	20.712	.0	1489.3	24311.6	.4
1840.0	1821.3	2.315	2.188	34.598	27.635	36.108	27.625	54.9	20.822	.0	1489.5	24720.7	1.8
1860.0	1841.0	2.288	2.158	34.601	27.639	36.204	27.628	54.5	20.932	.0	1489.7	25131.9	8.0
1880.0	1860.7	2.272	2.142	34.601	27.641	36.297	27.630	54.4	21.041	.0	1489.9	25545.3	.1
1900.0	1880.4	2.239	2.108	34.604	27.646	36.393	27.635	53.9	21.149	.0	1490.1	25960.7	2.8
1920.0	1900.1	2.239	2.106	34.604	27.646	36.484	27.635	53.9	21.257	.0	1490.5	26378.2	2.8
1940.0	1919.8	2.220	2.086	34.607	27.650	36.579	27.639	53.6	21.364	.0	1490.7	26797.9	.5
1960.0	1939.4	2.212	2.076	34.607	27.651	36.671	27.640	53.6	21.471	.0	1491.0	27219.5	.8
1980.0	1959.1	2.184	2.047	34.610	27.655	36.766	27.644	53.2	21.578	.0	1491.2	27643.3	3.1
2000.0	1978.8	2.184	2.045	34.610	27.656	36.857	27.644	53.2	21.684	.0	1491.6	28069.1	.5
2050.0	2028.0	2.148	2.005	34.614	27.662	37.090	27.650	52.7	21.950	.0	1492.3	29142.6	15.8
2098.0	2075.2	2.070	1.924	34.621	27.674	37.322	27.662	51.4	22.199	.0	1492.7	30185.1	.0

Station 113 Latitude 32° 05.64'N Longitude 126° 55.55'W 08 May 1991 GMT 9:46 Bottom 1040 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	16.019	16.019	33.180	24.344	24.344	24.344	357.2	.000	.0	1508.4	.0	.0
10.0	10.0	15.659	15.657	33.189	24.432	24.476	24.432	349.1	.356	.0	1507.4	1.8	200.5
20.0	19.9	15.234	15.231	33.202	24.537	24.625	24.536	339.5	.701	.0	1506.3	7.1	99.4
30.0	29.9	15.101	15.097	33.188	24.555	24.687	24.554	338.1	1.040	.0	1506.0	15.7	6.6
40.0	39.9	15.029	15.023	33.183	24.567	24.744	24.566	337.2	1.378	.0	1505.9	27.8	101.5
50.0	49.8	14.383	14.375	33.152	24.682	24.903	24.680	326.5	1.708	.0	1504.0	43.2	67.7
60.0	59.8	14.151	14.142	33.129	24.712	24.978	24.711	323.9	2.033	.0	1503.3	61.8	16.1
70.0	69.7	14.030	14.021	33.123	24.733	25.044	24.731	322.1	2.356	.0	1503.1	83.6	4.4
80.0	79.7	13.977	13.965	33.119	24.741	25.096	24.739	321.6	2.678	.0	1503.1	108.7	33.7
90.0	89.7	14.131	14.118	33.207	24.778	25.176	24.775	318.5	2.998	.0	1503.8	137.0	37.2
100.0	99.6	14.096	14.082	33.235	24.807	25.250	24.804	316.0	3.316	.0	1503.9	168.4	32.8
110.0	109.6	13.113	13.098	33.106	24.907	25.397	24.904	306.5	3.628	.0	1500.7	203.0	118.7
120.0	119.5	12.352	12.337	33.133	25.076	25.612	25.073	290.6	3.926	.0	1498.3	240.6	72.6
130.0	129.5	11.268	11.252	33.084	25.239	25.822	25.236	275.0	4.208	.0	1494.6	281.1	240.5
140.0	139.4	10.524	10.508	33.148	25.420	26.050	25.417	257.9	4.472	.0	1492.2	324.3	69.6
150.0	149.4	10.264	10.247	33.191	25.499	26.174	25.496	250.6	4.726	.0	1491.5	370.1	85.7
160.0	159.3	9.761	9.743	33.274	25.648	26.370	25.645	236.4	4.971	.0	1489.9	418.3	174.9
170.0	169.3	9.420	9.402	33.397	25.799	26.568	25.796	222.2	5.201	.0	1489.0	468.9	126.8
180.0	179.2	9.360	9.340	33.522	25.907	26.721	25.904	212.1	5.417	.0	1489.1	521.7	73.6
190.0	189.2	9.248	9.227	33.615	25.998	26.857	25.994	203.7	5.625	.0	1488.9	576.6	146.2
200.0	199.1	9.090	9.069	33.704	26.093	26.998	26.089	194.9	5.823	.0	1488.6	633.5	51.3
210.0	209.0	9.119	9.097	33.766	26.137	27.087	26.133	190.9	6.015	.0	1489.0	692.3	30.2
220.0	219.0	9.123	9.100	33.840	26.194	27.189	26.190	185.7	6.204	.0	1489.2	753.1	85.9
230.0	228.9	8.899	8.875	33.881	26.262	27.303	26.258	179.3	6.386	.0	1488.6	815.6	21.1
240.0	238.9	8.768	8.743	33.921	26.314	27.401	26.310	174.6	6.563	.0	1488.3	880.0	30.5
250.0	248.8	8.574	8.548	33.955	26.371	27.504	26.367	169.3	6.735	.0	1487.8	946.0	59.4
260.0	258.7	8.404	8.377	33.976	26.413	27.593	26.409	165.3	6.902	.0	1487.4	1013.8	37.7
270.0	268.7	8.171	8.143	33.997	26.465	27.691	26.461	160.5	7.065	.0	1486.7	1083.2	28.0
280.0	278.6	8.018	7.990	34.005	26.494	27.766	26.490	157.8	7.224	.0	1486.3	1154.2	14.5
290.0	288.5	7.948	7.919	34.006	26.506	27.824	26.501	156.8	7.382	.0	1486.1	1226.7	9.6
300.0	298.5	7.906	7.876	34.022	26.524	27.888	26.520	155.2	7.538	.0	1486.2	1300.8	3.4
310.0	308.4	7.789	7.758	34.011	26.532	27.942	26.528	154.6	7.693	.0	1485.9	1376.4	46.4
320.0	318.3	7.576	7.545	34.032	26.580	28.037	26.576	150.1	7.845	.0	1485.2	1453.6	19.5
330.0	328.3	7.498	7.466	34.043	26.601	28.103	26.596	148.3	7.994	.0	1485.1	1532.2	10.7
340.0	338.2	7.331	7.298	34.048	26.627	28.177	26.623	145.8	8.142	.0	1484.6	1612.3	29.4
350.0	348.1	7.183	7.150	34.049	26.649	28.245	26.645	143.7	8.286	.0	1484.2	1693.9	18.8
360.0	358.0	7.135	7.101	34.072	26.674	28.316	26.669	141.5	8.429	.0	1484.2	1776.8	5.6
370.0	368.0	7.119	7.084	34.082	26.684	28.371	26.679	140.7	8.570	.0	1484.3	1861.2	19.4
380.0	377.9	7.062	7.027	34.085	26.694	28.427	26.690	139.9	8.710	.0	1484.3	1947.0	13.3
390.0	387.8	7.004	6.968	34.090	26.707	28.486	26.702	138.8	8.849	.0	1484.2	2034.1	6.5
400.0	397.7	6.804	6.767	34.089	26.733	28.559	26.728	136.4	8.987	.0	1483.6	2122.7	9.4
410.0	407.7	6.725	6.688	34.093	26.747	28.619	26.742	135.1	9.123	.0	1483.5	2212.5	6.8
420.0	417.6	6.656	6.618	34.104	26.765	28.683	26.760	133.5	9.257	.0	1483.4	2303.7	3.0
430.0	427.5	6.547	6.508	34.116	26.788	28.753	26.783	131.3	9.389	.0	1483.1	2396.2	36.6
440.0	437.4	6.449	6.410	34.117	26.803	28.815	26.798	130.0	9.520	.0	1482.9	2490.1	25.8
450.0	447.4	6.360	6.320	34.122	26.818	28.876	26.813	128.6	9.649	.0	1482.7	2585.2	18.4
460.0	457.3	6.208	6.167	34.123	26.839	28.944	26.834	126.6	9.777	.0	1482.3	2681.5	14.0
470.0	467.2	6.087	6.046	34.122	26.853	29.006	26.848	125.3	9.903	.0	1481.9	2779.1	25.7
480.0	477.1	5.954	5.913	34.132	26.878	29.077	26.873	122.9	10.027	.0	1481.6	2878.0	23.6
490.0	487.0	5.930	5.888	34.142	26.889	29.134	26.884	122.0	10.149	.0	1481.7	2978.1	16.3
500.0	497.0	5.839	5.796	34.149	26.906	29.198	26.900	120.4	10.270	.0	1481.5	3079.3	16.3
510.0	506.9	5.732	5.688	34.146	26.916	29.255	26.911	119.5	10.390	.0	1481.2	3181.8	12.8
520.0	516.8	5.730	5.686	34.159	26.928	29.312	26.922	118.6	10.509	.0	1481.4	3285.4	15.7
530.0	526.7	5.688	5.643	34.167	26.939	29.369	26.933	117.6	10.627	.0	1481.4	3390.2	8.7
540.0	536.6	5.641	5.595	34.172	26.949	29.425	26.943	116.7	10.744	.0	1481.3	3496.2	22.5
550.0	546.5	5.569	5.522	34.175	26.960	29.483	26.955	115.7	10.860	.0	1481.2	3603.3	2.2
560.0	556.5	5.549	5.502	34.183	26.969	29.538	26.963	115.0	10.976	.0	1481.3	3711.6	18.1
570.0	566.4	5.523	5.475	34.195	26.982	29.597	26.976	113.8	11.090	.0	1481.4	3821.0	11.0
580.0	576.3	5.475	5.427	34.207	26.996	29.658	26.991	112.5	11.203	.0	1481.4	3931.5	31.5
590.0	586.2	5.450	5.401	34.227	27.016	29.723	27.010	110.8	11.315	.0	1481.5	4043.1	12.5
600.0	596.1	5.398	5.348	34.239	27.032	29.785	27.026	109.3	11.425	.0	1481.4	4155.8	8.4
610.0	606.0	5.311	5.261	34.244	27.045	29.846	27.039	108.1	11.533	.0	1481.2	4269.6	14.5
620.0	615.9	5.128	5.077	34.232	27.058	29.907	27.052	106.7	11.641	.0	1480.6	4384.4	15.4
630.0	625.9	5.123	5.072	34.256	27.077	29.972	27.071	105.0	11.747	.0	1480.8	4500.3	6.6
640.0	635.8	4.988	4.937	34.252	27.090	30.032	27.084	103.7	11.851	.0	1480.4	4617.3	21.5
650.0	645.7	5.055	5.003	34.280	27.104	30.091	27.098	102.6	11.954	.0	1480.9	4735.2	8.1
660.0	655.6	5.062	5.008	34.298	27.118	30.150	27.112	101.5	12.056	.0	1481.1	4854.2	4.3
670.0	665.5	5.048	4.993	34.305	27.125	30.203	27.119	100.9	12.157	.0	1481.2	4974.2	8.4
680.0	675.4	5.022	4.967	34.308	27.130	30.254	27.124	100.5	12.258	.0	1481.3	5095.1	10.2
690.0	685.3	4.938	4.883	34.320	27.149	30.320	27.143	98.6	12.357	.0	1481.1	5217.1	10.7
700.0	695.2	4.914	4.858	34.325	27.156	30.373	27.150	98.1	12.456	.0	1481.2	5340.0	10.1
710.0	705.1	4.885	4.828	34.328	27.162	30.425	27.156	97.6	12.554	.0	1481.2	5463.9	8.1
720.0	715.0	4.842	4.784	34.337	27.174	30.483	27.167	96.5	12.651	.0	1481.2	5588.7	20.4
730.0	724.9	4.818	4.760	34.341	27.180	30.535	27.174	96.0	12.747	.0	1481.3	5714.5	9.0
740.0	734.8	4.761	4.702	34.353	27.196	30.598	27.189	94.5	12.842	.0	1481.3	5841.2	4.9
750.0	744.8	4.739	4.679	34.359	27.203	30.651	27.197	93.9	12.937	.0	1481.3	5968.9	3.7
760.0	754.7	4.719	4.659	34.366	27.211	30.705	27.205	93.2	13.030	.0	1481.4	6097.5	15.4
770.0	764.5	4.666	4.605	34.375	27.224	30.764	27.217	92.1	13.123	.0	1481.4	6227.0	3.1
780.0	774.5	4.664	4.603	34.379	27.228	30.814	27.221	91.8	13.215	.0	1481.6	6357.4	8.4
790.0	784.4	4.638	4.576	34.383	27.234	30.867	27.227	91.3	13.306	.0	1481.6	6488.7	2.6
800.0	794.3	4.589	4.527	34.390	27.245	30.924	27.238	90.3	13.397	.0	1481.6	6620.9	10.8
810.0	804.2	4.569	4.505	34.403	27.257	30.982	27.250	89.2	13.486	.0	1481.7	6754.0	16.9
820.0	814.1	4.513	4.449	34.406	27.266	31.038	27.259	88.4	13.575	.0	1481.6	6887.9	11.6
830.0	824.0	4.466	4.402	34.409	27.274	31.092	27.267	87.6	13.663	.0	1481.6	7022.8	8.7
840.0	833.9	4.426	4.361	34.414	27.282	31.146	27.275	86.9	13.750	.0	1481.6	7158.4	1.1
850.0	843.8	4.406	4.340	34.417	27.286	31.197	27.279	86.6	13.837	.0	1481.7	7295.0	1.1
860.0	853.7	4.352	4.286	34.421	27.295	31.252	27.288	85.7	13.923	.0	1481.6	7432.4	15.4
870.0	863.5	4.328	4.261	34.424	27.301	31.304	27.293	85.3	14.009	.0	1481.7	7570.6	2.6
880.0	873.5	4.270	4.202	34.433	27.314	31.364	27.307	84.0	14.094	.0	1481.6	7709.7	28.9
890.0	883.3	4.228	4.160	34.437	27.322	31.419	27.315	83.3	14.177	.0	1481.6	7849.6	16.6
900.0	893.3	4.195	4.127	34.439	27.327	31.470	27.320	82.8	14.260	.0	1481.7	7990.3	-.4
910.0	903.1	4.189	4.120	34.438	27.327	31.516	27.320	82.9	14.343	.0	1481.8	8131.8	-1.5
920.0	913.0	4.188	4.117	34.438	27.327	31.561	27.319	83.0	14.426	.0	1482.0	8274.1	-2.1
930.0	922.9	4.177	4.106	34.439	27.329	31.609	27.321	82.9	14.509	.0	1482.1	8417.3	13.7
940.0	932.8	4.073	4.002	34.447	27.346	31.674	27.338	81.1	14.591	.0	1481.8	8561.2	4.3
950.0	942.7	4.084	4.012	34.446	27.344	31.718	27.337	81.4	14.672	.0	1482.0	8706.0	-1.8
960.0	952.6	4.058	3.985	34.448	27.349	31.769	27.341	81.0	14.753	.0	1482.1	8851.6	14.6
970.0	962.5	4.009	3.935	34.453	27.358	31.824	27.351	80.1	14.834	.0	1482.0	8997.9	8.1
980.0	972.4	3.999	3.924	34.454	27.360	31.872	27.352	80.1	14.914	.0	1482.2	9145.0	-7.7
990.0	982.3	4.031	3.956	34.451	27.354	31.911	27.346	80.8	14.995	.0	1482.5	9293.0	1.4

Station 113 Latitude 32° 05.64'N Longitude 126° 55.55'W 08 May 1991 GMT 9:46 Bottom 1040 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	4.028	3.952	34.450	27.354	31.956	27.346	80.9	15.076	.0	1482.6	9441.7	.6
1020.0	1012.0	3.975	3.898	34.458	27.365	32.060	27.358	79.8	15.237	.0	1482.7	9741.5	24.6
1040.0	1031.7	3.887	3.809	34.465	27.380	32.168	27.372	78.4	15.394	.0	1482.7	10044.4	7.3
1056.0	1047.6	3.832	3.753	34.470	27.390	32.252	27.382	77.5	15.519	.0	1482.7	10289.0	.0

Station 114 Latitude 32° 02.52'N Longitude 126° 57.54'W 08 May 1991 GMT 12:42 Bottom 2415 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.726	15.726	33.181	24.411	24.411	24.411	350.9	.000	.0	1507.5	.0	.0
10.0	10.0	15.637	15.635	33.187	24.436	24.480	24.435	348.8	.351	.0	1507.3	1.7	58.8
20.0	19.9	15.106	15.103	33.185	24.551	24.639	24.551	338.1	.694	.0	1505.8	7.0	31.2
30.0	29.9	15.023	15.018	33.174	24.561	24.694	24.560	337.4	1.032	.0	1505.7	15.6	10.7
40.0	39.9	14.983	14.977	33.173	24.569	24.746	24.568	337.0	1.369	.0	1505.7	27.5	4.5
50.0	49.8	14.697	14.690	33.165	24.625	24.846	24.623	332.0	1.704	.0	1505.0	42.8	85.9
60.0	59.8	14.277	14.268	33.139	24.694	24.960	24.692	325.6	2.032	.0	1503.8	61.4	12.9
70.0	69.7	14.164	14.154	33.132	24.712	25.022	24.710	324.2	2.357	.0	1503.5	83.3	5.3
80.0	79.7	14.246	14.235	33.179	24.732	25.086	24.729	322.6	2.680	.0	1504.0	108.4	20.5
90.0	89.7	14.066	14.053	33.160	24.756	25.154	24.753	320.6	3.002	.0	1503.6	136.7	19.9
100.0	99.6	13.638	13.624	33.142	24.830	25.274	24.827	313.7	3.321	.0	1502.3	168.2	89.8
110.0	109.6	13.169	13.154	33.127	24.912	25.401	24.909	306.1	3.633	.0	1500.9	202.8	182.9
120.0	119.5	12.039	12.023	33.106	25.115	25.651	25.112	286.8	3.931	.0	1497.2	240.5	262.6
130.0	129.5	11.342	11.326	33.085	25.227	25.810	25.224	276.2	4.212	.0	1494.9	281.0	103.5
140.0	139.4	10.938	10.921	33.093	25.306	25.935	25.303	268.9	4.484	.0	1493.6	324.3	155.5
150.0	149.4	10.528	10.510	33.171	25.437	26.112	25.434	256.5	4.747	.0	1492.4	370.2	166.6
160.0	159.3	10.010	9.992	33.210	25.556	26.278	25.553	245.2	4.996	.0	1490.7	418.7	124.0
170.0	169.3	9.566	9.547	33.293	25.695	26.463	25.691	232.2	5.236	.0	1489.4	469.6	196.6
180.0	179.2	9.413	9.394	33.388	25.793	26.607	25.790	222.9	5.464	.0	1489.1	522.8	168.1
190.0	189.2	9.287	9.266	33.534	25.928	26.787	25.925	210.3	5.681	.0	1489.0	578.2	121.9
200.0	199.1	9.128	9.107	33.644	26.040	26.945	26.036	199.9	5.886	.0	1488.7	635.7	65.9
210.0	209.1	9.056	9.034	33.747	26.132	27.082	26.128	191.3	6.082	.0	1488.7	695.2	54.8
220.0	219.0	9.031	9.008	33.791	26.170	27.166	26.167	187.9	6.272	.0	1488.8	756.6	46.6
230.0	228.9	8.819	8.795	33.867	26.264	27.305	26.260	179.1	6.456	.0	1488.3	819.9	66.5
240.0	238.9	8.672	8.647	33.908	26.319	27.406	26.315	174.1	6.632	.0	1488.0	884.9	103.9
250.0	248.8	8.468	8.442	33.968	26.397	27.531	26.393	166.7	6.802	.0	1487.4	951.6	50.3
260.0	258.7	8.376	8.349	33.978	26.419	27.599	26.415	164.7	6.968	.0	1487.3	1020.0	12.0
270.0	268.7	8.296	8.269	33.990	26.441	27.666	26.436	162.9	7.132	.0	1487.1	1090.1	44.8
280.0	278.6	8.083	8.055	34.004	26.484	27.755	26.479	158.9	7.292	.0	1486.5	1161.7	17.2
290.0	288.5	7.921	7.892	34.008	26.511	27.829	26.507	156.3	7.451	.0	1486.0	1234.9	28.9
300.0	298.5	7.827	7.797	34.016	26.531	27.895	26.527	154.5	7.606	.0	1485.9	1309.7	25.1
310.0	308.4	7.732	7.701	34.024	26.551	27.961	26.547	152.8	7.760	.0	1485.7	1386.0	24.2
320.0	318.3	7.602	7.571	34.031	26.576	28.032	26.571	150.5	7.911	.0	1485.3	1463.8	10.1
330.0	328.3	7.497	7.465	34.034	26.593	28.095	26.588	149.0	8.061	.0	1485.1	1543.1	47.9
340.0	338.2	7.321	7.289	34.042	26.624	28.174	26.620	146.1	8.208	.0	1484.6	1623.9	11.2
350.0	348.1	7.217	7.184	34.046	26.642	28.237	26.638	144.5	8.354	.0	1484.3	1706.1	19.4
360.0	358.0	7.060	7.026	34.041	26.660	28.302	26.655	142.8	8.497	.0	1483.9	1789.8	17.6
370.0	368.0	6.977	6.942	34.058	26.685	28.373	26.680	140.6	8.639	.0	1483.7	1874.8	21.7
380.0	377.9	6.847	6.812	34.058	26.703	28.438	26.698	138.9	8.779	.0	1483.4	1961.3	5.3
390.0	387.8	6.773	6.737	34.072	26.723	28.504	26.719	137.0	8.917	.0	1483.3	2049.1	21.4
400.0	397.8	6.670	6.634	34.077	26.741	28.569	26.736	135.4	9.053	.0	1483.1	2138.3	12.0
410.0	407.7	6.641	6.604	34.091	26.757	28.630	26.752	134.1	9.188	.0	1483.1	2228.8	13.8
420.0	417.6	6.511	6.473	34.083	26.767	28.687	26.762	133.1	9.322	.0	1482.8	2320.6	30.4
430.0	427.5	6.357	6.318	34.081	26.786	28.753	26.781	131.3	9.454	.0	1482.3	2413.8	19.0
440.0	437.5	6.302	6.263	34.084	26.795	28.809	26.790	130.5	9.585	.0	1482.3	2508.3	21.6
450.0	447.4	6.183	6.144	34.095	26.819	28.880	26.815	128.3	9.714	.0	1482.0	2604.0	29.8
460.0	457.3	6.098	6.058	34.111	26.843	28.949	26.837	126.2	9.841	.0	1481.8	2701.0	20.4
470.0	467.2	6.033	5.992	34.116	26.855	29.008	26.850	125.0	9.966	.0	1481.7	2799.3	19.5
480.0	477.1	5.945	5.904	34.122	26.871	29.071	26.866	123.6	10.091	.0	1481.5	2898.8	19.8
490.0	487.0	5.918	5.876	34.135	26.885	29.130	26.880	122.4	10.214	.0	1481.6	2999.5	14.6
500.0	497.0	5.794	5.752	34.136	26.901	29.194	26.896	120.8	10.335	.0	1481.3	3101.4	24.2
510.0	506.9	5.736	5.693	34.143	26.914	29.253	26.909	119.7	10.456	.0	1481.2	3204.5	13.4
520.0	516.8	5.707	5.663	34.158	26.929	29.314	26.924	118.3	10.575	.0	1481.3	3308.8	15.4
530.0	526.7	5.635	5.590	34.166	26.945	29.376	26.940	116.9	10.692	.0	1481.1	3414.2	16.6
540.0	536.6	5.555	5.510	34.182	26.967	29.445	26.962	114.9	10.808	.0	1481.0	3520.8	15.1
550.0	546.6	5.541	5.495	34.210	26.991	29.515	26.986	112.7	10.922	.0	1481.2	3628.6	18.9
560.0	556.5	5.393	5.347	34.211	27.010	29.581	27.004	110.9	11.034	.0	1480.7	3737.4	19.2
570.0	566.4	5.407	5.360	34.231	27.024	29.640	27.018	109.7	11.144	.0	1481.0	3847.4	13.9
580.0	576.3	5.333	5.286	34.237	27.037	29.701	27.032	108.5	11.253	.0	1480.8	3958.4	5.1
590.0	586.2	5.181	5.133	34.236	27.054	29.765	27.049	106.8	11.360	.0	1480.4	4070.5	17.4
600.0	596.1	5.004	4.956	34.220	27.062	29.821	27.056	105.9	11.467	.0	1479.8	4183.6	6.0
610.0	606.0	5.131	5.082	34.247	27.069	29.872	27.063	105.6	11.573	.0	1480.5	4297.8	6.9
620.0	616.0	5.145	5.095	34.256	27.074	29.923	27.068	105.2	11.678	.0	1480.7	4413.0	11.3
630.0	625.9	5.017	4.966	34.255	27.088	29.984	27.082	103.8	11.782	.0	1480.4	4529.3	18.3
640.0	635.8	5.034	4.983	34.275	27.103	30.044	27.097	102.6	11.885	.0	1480.6	4646.6	9.5
650.0	645.7	5.038	4.985	34.297	27.120	30.107	27.114	101.1	11.987	.0	1480.9	4764.9	14.2
660.0	655.6	4.981	4.928	34.311	27.138	30.171	27.132	99.5	12.088	.0	1480.8	4884.1	21.3
670.0	665.5	4.970	4.916	34.323	27.148	30.228	27.142	98.6	12.187	.0	1480.9	5004.4	19.8
680.0	675.4	4.938	4.884	34.335	27.161	30.287	27.155	97.4	12.285	.0	1481.0	5125.6	8.1
690.0	685.3	4.859	4.804	34.332	27.168	30.341	27.162	96.7	12.382	.0	1480.8	5247.8	8.7
700.0	695.2	4.838	4.782	34.334	27.172	30.390	27.166	96.5	12.478	.0	1480.9	5371.0	4.3
710.0	705.1	4.810	4.754	34.341	27.181	30.446	27.175	95.7	12.575	.0	1481.0	5495.1	6.6
720.0	715.0	4.747	4.690	34.350	27.195	30.507	27.189	94.3	12.670	.0	1480.9	5620.1	11.9
730.0	724.9	4.692	4.635	34.360	27.209	30.567	27.203	93.0	12.763	.0	1480.8	5746.1	1.6
740.0	734.8	4.681	4.623	34.365	27.214	30.618	27.208	92.7	12.856	.0	1480.9	5872.9	7.8
750.0	744.8	4.654	4.595	34.373	27.224	30.674	27.218	91.8	12.948	.0	1481.0	6000.7	8.1
760.0	754.7	4.631	4.572	34.378	27.230	30.726	27.224	91.3	13.040	.0	1481.1	6129.4	16.3
770.0	764.6	4.617	4.556	34.385	27.238	30.779	27.231	90.7	13.131	.0	1481.2	6259.0	11.3
780.0	774.5	4.558	4.497	34.389	27.247	30.835	27.240	89.8	13.221	.0	1481.1	6389.5	4.9
790.0	784.4	4.556	4.494	34.402	27.258	30.892	27.252	88.9	13.311	.0	1481.3	6520.8	12.8
800.0	794.3	4.529	4.466	34.409	27.266	30.946	27.260	88.2	13.399	.0	1481.4	6653.1	.2
810.0	804.2	4.481	4.418	34.410	27.272	30.999	27.265	87.6	13.487	.0	1481.3	6786.2	14.5
820.0	814.1	4.425	4.361	34.412	27.280	31.054	27.274	86.9	13.575	.0	1481.3	6920.1	14.5
830.0	824.0	4.389	4.324	34.412	27.285	31.104	27.278	86.5	13.661	.0	1481.3	7055.0	-.1
840.0	833.9	4.362	4.297	34.414	27.289	31.155	27.282	86.1	13.747	.0	1481.3	7190.6	7.8
850.0	843.8	4.339	4.274	34.419	27.296	31.208	27.289	85.5	13.833	.0	1481.4	7327.1	2.5
860.0	853.7	4.341	4.275	34.425	27.300	31.258	27.293	85.2	13.918	.0	1481.6	7464.5	4.6
870.0	863.6	4.342	4.275	34.430	27.304	31.307	27.297	85.0	14.003	.0	1481.8	7602.7	2.6
880.0	873.5	4.317	4.249	34.433	27.309	31.358	27.302	84.5	14.088	.0	1481.8	7741.7	7.3
890.0	883.3	4.265	4.197	34.436	27.317	31.413	27.310	83.8	14.172	.0	1481.8	7881.5	9.6
900.0	893.3	4.205	4.136	34.437	27.324	31.467	27.316	83.1	14.256	.0	1481.7	8022.2	4.9
910.0	903.1	4.143	4.074	34.440	27.333	31.523	27.326	82.2	14.339	.0	1481.6	8163.7	6.4
920.0	913.0	4.127	4.057	34.444	27.338	31.574	27.331	81.8	14.420	.0	1481.7	8306.0	5.5
930.0	922.9	4.107	4.036	34.448	27.344	31.625	27.336	81.3	14.502	.0	1481.8	8449.1	6.1
940.0	932.8	4.091	4.020	34.449	27.346	31.674	27.339	81.2	14.583	.0	1481.9	8592.9	3.2
950.0	942.7	4.076	4.004	34.451	27.350	31.723	27.342	80.9	14.664	.0	1482.0	8737.6	9.0
960.0	952.6	4.041	3.968	34.454	27.356	31.775	27.348	80.4	14.745	.0	1482.0	8883.1	11.4
970.0	962.5	3.981	3.908	34.461	27.367	31.834	27.360	79.2	14.825	.0	1481.9	9029.4	12.8
980.0	972.4	3.965	3.892	34.463	27.370	31.883	27.362	79.0	14.904	.0	1482.0	9176.4	-.9
990.0	982.3	3.955	3.881	34.464	27.372	31.931	27.364	78.9	14.983	.0	1482.2	9324.2	4.9

Station 114 Latitude 32° 02.52'N Longitude 126° 57.54'W 08 May 1991 GMT 12:42 Bottom 2415 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.917	3.842	34.469	27.380	31.986	27.373	78.1	15.061	.0	1482.2	9472.8	13.4
1020.0	1012.0	3.870	3.793	34.473	27.388	32.086	27.380	77.5	15.217	.0	1482.3	9772.3	4.1
1040.0	1031.7	3.842	3.765	34.477	27.394	32.184	27.387	77.0	15.371	.0	1482.5	10074.8	2.9
1060.0	1051.5	3.786	3.707	34.484	27.406	32.288	27.398	76.0	15.524	.0	1482.6	10380.3	7.9
1080.0	1071.3	3.757	3.677	34.485	27.410	32.383	27.402	75.7	15.676	.0	1482.8	10688.8	2.3
1100.0	1091.1	3.695	3.613	34.490	27.420	32.487	27.412	74.7	15.826	.0	1482.9	11000.2	2.6
1120.0	1110.8	3.664	3.581	34.492	27.425	32.583	27.416	74.4	15.975	.0	1483.1	11314.6	.3
1140.0	1130.6	3.588	3.504	34.498	27.437	32.688	27.428	73.3	16.123	.0	1483.1	11631.8	3.8
1160.0	1150.4	3.523	3.438	34.501	27.446	32.790	27.438	72.4	16.269	.0	1483.2	11952.0	11.4
1180.0	1170.1	3.473	3.386	34.506	27.455	32.892	27.446	71.6	16.412	.0	1483.3	12274.9	1.8
1200.0	1189.9	3.447	3.359	34.510	27.460	32.989	27.451	71.2	16.555	.0	1483.5	12600.7	.3
1220.0	1209.7	3.393	3.304	34.514	27.469	33.090	27.460	70.3	16.697	.0	1483.7	12929.2	11.2
1240.0	1229.4	3.335	3.245	34.517	27.477	33.191	27.468	69.5	16.837	.0	1483.7	13260.5	3.0
1260.0	1249.2	3.316	3.224	34.518	27.479	33.285	27.471	69.4	16.976	.0	1484.0	13594.5	.9
1280.0	1268.9	3.307	3.214	34.519	27.481	33.378	27.473	69.3	17.115	.0	1484.3	13931.3	5.6
1300.0	1288.7	3.244	3.150	34.524	27.491	33.481	27.483	68.4	17.253	.0	1484.4	14270.7	9.7
1320.0	1308.4	3.192	3.097	34.529	27.500	33.583	27.492	67.5	17.388	.0	1484.5	14612.8	2.1
1340.0	1328.2	3.129	3.033	34.533	27.510	33.685	27.501	66.6	17.522	.0	1484.5	14957.5	7.4
1360.0	1347.9	3.093	2.996	34.538	27.517	33.784	27.508	65.9	17.655	.0	1484.7	15304.8	4.8
1380.0	1367.7	3.059	2.960	34.540	27.521	33.881	27.512	65.6	17.786	.0	1484.9	15654.7	1.9
1400.0	1387.4	3.016	2.916	34.542	27.527	33.979	27.518	65.0	17.917	.0	1485.1	16007.1	1.3
1420.0	1407.2	2.964	2.863	34.548	27.537	34.082	27.528	64.0	18.045	.0	1485.2	16362.1	.7
1440.0	1426.9	2.927	2.825	34.551	27.542	34.179	27.533	63.6	18.173	.0	1485.4	16719.6	1.6
1460.0	1446.6	2.901	2.797	34.553	27.547	34.275	27.538	63.2	18.299	.0	1485.6	17079.5	2.8
1480.0	1466.4	2.856	2.752	34.557	27.554	34.375	27.545	62.5	18.425	.0	1485.7	17441.9	5.7
1500.0	1486.1	2.813	2.707	34.560	27.560	34.474	27.551	61.9	18.550	.0	1485.9	17806.7	1.9
1520.0	1505.8	2.794	2.687	34.561	27.563	34.567	27.553	61.7	18.673	.0	1486.1	18173.9	-1.3
1540.0	1525.6	2.773	2.664	34.563	27.566	34.663	27.557	61.4	18.796	.0	1486.4	18543.5	9.0
1560.0	1545.3	2.735	2.625	34.567	27.573	34.761	27.563	60.8	18.919	.0	1486.6	18915.5	4.6
1580.0	1565.0	2.686	2.575	34.571	27.581	34.861	27.571	60.0	19.039	.0	1486.7	19289.9	1.7
1600.0	1584.7	2.654	2.542	34.574	27.586	34.958	27.576	59.5	19.159	.0	1486.9	19666.6	2.3
1620.0	1604.4	2.609	2.496	34.577	27.592	35.057	27.583	58.9	19.277	.0	1487.0	20045.6	2.6
1640.0	1624.2	2.570	2.455	34.579	27.597	35.155	27.587	58.4	19.394	.0	1487.2	20426.9	-.3
1660.0	1643.9	2.554	2.438	34.581	27.601	35.249	27.591	58.1	19.511	.0	1487.5	20810.4	1.1
1680.0	1663.6	2.505	2.388	34.585	27.608	35.349	27.598	57.4	19.627	.0	1487.6	21196.2	6.1
1700.0	1683.3	2.496	2.377	34.586	27.609	35.442	27.599	57.3	19.741	.0	1487.9	21584.3	2.9
1720.0	1703.0	2.463	2.343	34.587	27.613	35.537	27.603	56.9	19.855	.0	1488.1	21974.5	-.3
1740.0	1722.7	2.406	2.285	34.592	27.622	35.639	27.612	56.0	19.968	.0	1488.2	22367.0	3.8
1760.0	1742.4	2.380	2.258	34.594	27.626	35.735	27.616	55.6	20.080	.0	1488.4	22761.6	.9
1780.0	1762.2	2.349	2.226	34.597	27.630	35.831	27.620	55.2	20.191	.0	1488.6	23158.4	1.5
1800.0	1781.9	2.333	2.208	34.598	27.633	35.925	27.623	54.9	20.301	.0	1488.9	23557.3	3.9
1820.0	1801.6	2.286	2.160	34.601	27.639	36.024	27.629	54.3	20.410	.0	1489.0	23958.4	-.2
1840.0	1821.3	2.268	2.141	34.603	27.642	36.118	27.632	54.0	20.518	.0	1489.3	24361.5	-.8
1860.0	1841.0	2.258	2.129	34.604	27.644	36.210	27.633	53.9	20.626	.0	1489.5	24766.8	1.3
1880.0	1860.7	2.239	2.109	34.606	27.647	36.305	27.637	53.6	20.734	.0	1489.8	25174.1	1.6
1900.0	1880.3	2.230	2.099	34.606	27.649	36.397	27.638	53.6	20.841	.0	1490.1	25583.5	1.9
1920.0	1900.0	2.190	2.058	34.610	27.655	36.495	27.644	52.9	20.948	.0	1490.3	25994.9	2.5
1940.0	1919.7	2.184	2.049	34.610	27.656	36.586	27.645	52.9	21.053	.0	1490.6	26408.5	-.4
1960.0	1939.4	2.176	2.040	34.612	27.657	36.679	27.647	52.8	21.159	.0	1490.9	26824.0	.2
1980.0	1959.1	2.156	2.019	34.613	27.660	36.773	27.649	52.5	21.265	.0	1491.1	27241.6	-1.0
2000.0	1978.8	2.129	1.991	34.616	27.665	36.869	27.654	52.1	21.369	.0	1491.3	27661.2	5.5
2050.0	2028.0	2.055	1.913	34.623	27.676	37.109	27.665	50.9	21.627	.0	1491.9	28719.1	1.1
2096.0	2073.3	2.005	1.860	34.629	27.685	37.327	27.674	50.0	21.859	.0	1492.4	29703.1	.0

Station 115 Latitude 32° 00.00'N Longitude 126° 59.11'W 08 May 1991 GMT 14:33 Bottom 3425 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.735	15.735	33.182	24.410	24.410	24.410	350.9	.000	.0	1507.5	.0	.0
10.0	10.0	15.724	15.723	33.184	24.414	24.458	24.414	350.9	.351	.0	1507.6	1.7	3.5
20.0	19.9	15.338	15.335	33.210	24.520	24.609	24.520	341.1	.701	.0	1506.6	7.0	270.1
30.0	29.9	15.055	15.050	33.172	24.553	24.685	24.552	338.3	1.039	.0	1505.8	15.7	8.3
40.0	39.9	15.009	15.003	33.171	24.562	24.739	24.561	337.6	1.377	.0	1505.8	27.7	8.6
50.0	49.8	14.949	14.942	33.173	24.577	24.798	24.575	336.5	1.714	.0	1505.8	43.1	46.7
60.0	59.8	14.497	14.488	33.159	24.663	24.929	24.661	328.6	2.046	.0	1504.5	61.8	24.7
70.0	69.7	14.278	14.267	33.159	24.709	25.019	24.707	324.4	2.373	.0	1503.9	83.8	18.5
80.0	79.7	14.190	14.179	33.158	24.728	25.082	24.725	323.0	2.696	.0	1503.8	109.1	.3
90.0	89.7	14.134	14.121	33.174	24.751	25.150	24.749	321.0	3.019	.0	1503.8	137.5	29.6
100.0	99.6	14.313	14.298	33.249	24.773	25.215	24.770	319.3	3.339	.0	1504.7	169.2	12.1
110.0	109.6	13.992	13.976	33.197	24.799	25.287	24.796	317.0	3.657	.0	1503.7	204.0	66.8
120.0	119.5	13.226	13.210	33.162	24.928	25.462	24.925	304.8	3.970	.0	1501.3	242.0	309.4
130.0	129.5	11.757	11.741	33.082	25.148	25.730	25.145	283.8	4.263	.0	1496.3	283.0	108.5
140.0	139.4	11.228	11.211	33.108	25.265	25.894	25.263	272.7	4.543	.0	1494.7	326.8	132.7
150.0	149.4	10.418	10.401	33.149	25.439	26.115	25.436	256.2	4.809	.0	1492.0	373.4	186.2
160.0	159.3	9.765	9.748	33.240	25.620	26.342	25.617	239.1	5.056	.0	1489.9	422.5	102.9
170.0	169.3	9.755	9.736	33.389	25.739	26.506	25.736	228.1	5.289	.0	1490.2	473.9	96.8
180.0	179.2	9.570	9.550	33.451	25.817	26.630	25.814	220.7	5.514	.0	1489.7	527.6	153.5
190.0	189.2	9.262	9.242	33.584	25.971	26.831	25.968	206.2	5.727	.0	1488.9	583.5	118.6
200.0	199.1	9.107	9.085	33.660	26.056	26.961	26.052	198.4	5.929	.0	1488.6	641.5	54.5
210.0	209.1	9.073	9.050	33.777	26.153	27.103	26.149	189.4	6.122	.0	1488.8	701.4	59.8
220.0	219.0	8.831	8.808	33.853	26.250	27.247	26.247	180.2	6.308	.0	1488.2	763.2	48.6
230.0	228.9	8.715	8.691	33.897	26.304	27.346	26.300	175.3	6.486	.0	1487.9	826.7	78.8
240.0	238.9	8.547	8.522	33.944	26.366	27.454	26.362	169.5	6.658	.0	1487.5	892.1	69.7
250.0	248.8	8.405	8.379	33.976	26.413	27.547	26.409	165.2	6.825	.0	1487.2	959.0	37.4
260.0	258.7	8.139	8.113	33.988	26.462	27.643	26.459	160.5	6.988	.0	1486.4	1027.7	56.7
270.0	268.7	7.985	7.958	34.002	26.497	27.724	26.493	157.4	7.147	.0	1486.0	1097.9	20.7
280.0	278.6	7.864	7.837	34.007	26.518	27.792	26.514	155.4	7.303	.0	1485.7	1169.6	22.1
290.0	288.5	7.697	7.669	34.011	26.546	27.865	26.542	152.9	7.458	.0	1485.2	1242.9	27.4
300.0	298.5	7.615	7.585	34.020	26.565	27.931	26.561	151.2	7.610	.0	1485.0	1317.8	24.1
310.0	308.4	7.528	7.498	34.024	26.580	27.992	26.576	149.9	7.760	.0	1484.9	1394.1	10.1
320.0	318.3	7.351	7.321	34.043	26.621	28.079	26.616	146.1	7.908	.0	1484.4	1471.9	42.8
330.0	328.3	7.245	7.213	34.041	26.634	28.139	26.630	144.9	8.053	.0	1484.1	1551.1	9.4
340.0	338.2	7.162	7.130	34.047	26.650	28.201	26.646	143.5	8.198	.0	1484.0	1631.8	13.8
350.0	348.1	7.024	6.991	34.047	26.669	28.266	26.665	141.7	8.340	.0	1483.6	1713.9	13.5
360.0	358.0	6.906	6.872	34.056	26.693	28.337	26.688	139.6	8.481	.0	1483.3	1797.4	16.7
370.0	368.0	6.796	6.762	34.061	26.712	28.402	26.707	137.9	8.620	.0	1483.0	1882.3	15.2
380.0	377.9	6.750	6.715	34.065	26.721	28.457	26.717	137.1	8.757	.0	1483.0	1968.5	19.6
390.0	387.8	6.663	6.628	34.071	26.737	28.519	26.732	135.6	8.894	.0	1482.9	2056.1	11.7
400.0	397.8	6.574	6.538	34.068	26.747	28.575	26.742	134.8	9.029	.0	1482.7	2145.1	23.4
410.0	407.7	6.490	6.453	34.074	26.763	28.638	26.758	133.4	9.163	.0	1482.5	2235.4	11.1
420.0	417.6	6.367	6.330	34.076	26.780	28.702	26.776	131.7	9.296	.0	1482.2	2326.9	32.2
430.0	427.5	6.249	6.211	34.090	26.807	28.775	26.802	129.2	9.426	.0	1481.9	2419.8	31.6
440.0	437.5	6.103	6.065	34.095	26.829	28.845	26.824	127.2	9.554	.0	1481.5	2514.0	20.7
450.0	447.4	6.043	6.004	34.107	26.847	28.908	26.842	125.6	9.680	.0	1481.4	2609.4	14.8
460.0	457.3	5.958	5.918	34.117	26.865	28.973	26.860	123.9	9.805	.0	1481.2	2706.1	16.9
470.0	467.2	5.907	5.867	34.127	26.879	29.034	26.874	122.6	9.929	.0	1481.2	2804.0	6.3
480.0	477.1	5.845	5.804	34.129	26.889	29.090	26.884	121.8	10.051	.0	1481.1	2903.1	15.4
490.0	487.0	5.772	5.730	34.134	26.902	29.149	26.897	120.6	10.172	.0	1481.0	3003.4	6.3
500.0	497.0	5.751	5.708	34.139	26.909	29.202	26.904	120.0	10.292	.0	1481.1	3104.9	3.4
510.0	506.9	5.769	5.725	34.161	26.924	29.263	26.919	118.8	10.412	.0	1481.4	3207.5	4.9
520.0	516.8	5.670	5.626	34.173	26.946	29.331	26.941	116.7	10.530	.0	1481.1	3311.4	16.0
530.0	526.7	5.618	5.574	34.185	26.962	29.393	26.956	115.3	10.646	.0	1481.1	3416.4	13.7
540.0	536.6	5.627	5.582	34.201	26.973	29.450	26.968	114.3	10.760	.0	1481.3	3522.5	18.6
550.0	546.5	5.528	5.482	34.210	26.992	29.516	26.987	112.6	10.874	.0	1481.1	3629.8	14.2
560.0	556.5	5.456	5.410	34.219	27.008	29.578	27.002	111.1	10.986	.0	1481.0	3738.2	18.9
570.0	566.4	5.352	5.305	34.224	27.024	29.642	27.019	109.6	11.096	.0	1480.7	3847.6	8.7
580.0	576.3	5.335	5.287	34.240	27.039	29.702	27.034	108.3	11.205	.0	1480.8	3958.2	13.3
590.0	586.2	5.267	5.219	34.239	27.047	29.757	27.041	107.6	11.313	.0	1480.7	4069.8	2.2
600.0	596.1	5.209	5.160	34.242	27.056	29.813	27.050	106.7	11.420	.0	1480.7	4182.5	4.8
610.0	606.0	5.144	5.095	34.240	27.062	29.865	27.056	106.2	11.527	.0	1480.6	4296.2	4.8
620.0	616.0	5.076	5.026	34.247	27.076	29.925	27.070	105.0	11.632	.0	1480.4	4411.0	20.4
630.0	625.9	5.021	4.970	34.244	27.080	29.976	27.074	104.6	11.737	.0	1480.4	4526.8	.4
640.0	635.8	4.980	4.929	34.247	27.086	30.029	27.080	104.1	11.842	.0	1480.4	4643.6	1.6
650.0	645.7	5.101	5.049	34.271	27.092	30.078	27.086	103.8	11.946	.0	1481.1	4761.5	4.9
660.0	655.6	5.128	5.075	34.283	27.098	30.129	27.092	103.4	12.049	.0	1481.4	4880.4	4.6
670.0	665.5	5.102	5.047	34.295	27.111	30.188	27.104	102.3	12.152	.0	1481.4	5000.3	15.4
680.0	675.4	5.057	5.002	34.304	27.123	30.247	27.117	101.2	12.254	.0	1481.4	5121.2	9.0
690.0	685.3	5.001	4.945	34.316	27.140	30.310	27.133	99.6	12.354	.0	1481.4	5243.1	14.0
700.0	695.2	4.956	4.900	34.321	27.149	30.365	27.142	98.8	12.454	.0	1481.4	5366.0	10.2
710.0	705.1	4.906	4.850	34.327	27.159	30.422	27.153	97.9	12.552	.0	1481.3	5489.9	6.6
720.0	715.0	4.866	4.808	34.331	27.167	30.476	27.160	97.2	12.650	.0	1481.3	5614.7	17.5
730.0	724.9	4.832	4.774	34.338	27.176	30.531	27.170	96.4	12.747	.0	1481.4	5740.5	4.6
740.0	734.8	4.779	4.720	34.346	27.189	30.590	27.182	95.3	12.842	.0	1481.3	5867.2	12.2
750.0	744.8	4.721	4.662	34.354	27.201	30.649	27.194	94.1	12.937	.0	1481.3	5994.9	6.6
760.0	754.7	4.703	4.643	34.356	27.205	30.700	27.199	93.8	13.031	.0	1481.4	6123.5	5.2
770.0	764.6	4.676	4.616	34.371	27.220	30.760	27.213	92.5	13.124	.0	1481.4	6253.0	21.9
780.0	774.5	4.648	4.587	34.376	27.227	30.814	27.221	91.8	13.217	.0	1481.5	6383.4	2.8
790.0	784.4	4.624	4.562	34.381	27.234	30.867	27.227	91.3	13.308	.0	1481.6	6514.7	6.4
800.0	794.3	4.606	4.543	34.387	27.241	30.919	27.234	90.7	13.399	.0	1481.7	6647.0	2.9
810.0	804.2	4.581	4.518	34.388	27.244	30.969	27.237	90.5	13.490	.0	1481.7	6780.1	6.4
820.0	814.1	4.538	4.474	34.389	27.250	31.021	27.243	89.9	13.580	.0	1481.7	6914.1	9.3
830.0	824.0	4.509	4.444	34.401	27.263	31.080	27.256	88.8	13.669	.0	1481.8	7049.0	10.8
840.0	833.9	4.500	4.434	34.410	27.271	31.134	27.264	88.1	13.757	.0	1481.9	7184.7	8.1
850.0	843.8	4.466	4.400	34.410	27.274	31.184	27.267	87.8	13.845	.0	1481.9	7321.4	6.1
860.0	853.7	4.406	4.339	34.411	27.282	31.238	27.274	87.1	13.933	.0	1481.8	7458.8	3.4
870.0	863.6	4.379	4.312	34.413	27.286	31.289	27.279	86.7	14.020	.0	1481.9	7597.2	7.0
880.0	873.5	4.351	4.283	34.421	27.296	31.345	27.289	85.8	14.106	.0	1482.0	7736.4	4.6
890.0	883.4	4.297	4.228	34.429	27.308	31.403	27.301	84.7	14.191	.0	1481.9	7876.4	.8
900.0	893.3	4.285	4.215	34.434	27.314	31.455	27.306	84.2	14.276	.0	1482.0	8017.3	2.0
910.0	903.2	4.245	4.175	34.437	27.320	31.507	27.313	83.7	14.360	.0	1482.0	8159.0	-.3
920.0	913.0	4.218	4.148	34.439	27.325	31.558	27.317	83.3	14.443	.0	1482.1	8301.5	5.2
930.0	922.9	4.173	4.102	34.442	27.331	31.612	27.324	82.6	14.526	.0	1482.1	8444.8	4.0
940.0	932.8	4.158	4.086	34.444	27.335	31.661	27.327	82.4	14.609	.0	1482.2	8588.9	9.0
950.0	942.7	4.133	4.060	34.451	27.343	31.715	27.335	81.7	14.691	.0	1482.2	8733.9	4.6
960.0	952.6	4.076	4.003	34.451	27.349	31.768	27.342	81.0	14.772	.0	1482.2	8879.6	10.2
970.0	962.5	4.045	3.972	34.453	27.354	31.820	27.347	80.6	14.853	.0	1482.2	9026.1	4.3
980.0	972.4	4.017	3.943	34.455	27.358	31.870	27.351	80.2	14.933	.0	1482.2	9173.5	3.5
990.0	982.3	4.014	3.939	34.456	27.360	31.917	27.352	80.2	15.014	.0	1482.4	9321.6	4.9

Station 115 Latitude 32° 00.00'N Longitude 126° 59.11'W 08 May 1991 GMT 14:33 Bottom 3425 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	3.967	3.891	34.458	27.367	31.971	27.359	79.5	15.093	.0	1482.4	9470.5	6.7
1020.0	1012.0	3.914	3.837	34.463	27.375	32.072	27.368	78.8	15.252	.0	1482.5	9770.6	6.1
1040.0	1031.8	3.863	3.785	34.476	27.391	32.180	27.383	77.3	15.408	.0	1482.6	10073.8	1.2
1060.0	1051.5	3.797	3.718	34.482	27.403	32.284	27.395	76.3	15.561	.0	1482.7	10380.1	7.6
1080.0	1071.3	3.726	3.646	34.488	27.415	32.389	27.407	75.2	15.713	.0	1482.7	10689.3	3.2
1100.0	1091.1	3.671	3.589	34.492	27.424	32.491	27.416	74.3	15.862	.0	1482.8	11001.4	2.3
1120.0	1110.8	3.598	3.515	34.495	27.433	32.593	27.425	73.4	16.010	.0	1482.8	11316.5	7.0
1140.0	1130.6	3.533	3.449	34.499	27.443	32.696	27.435	72.5	16.156	.0	1482.9	11634.4	14.9
1160.0	1150.4	3.486	3.401	34.502	27.450	32.796	27.442	71.9	16.300	.0	1483.0	11955.2	6.4
1180.0	1170.1	3.429	3.343	34.508	27.460	32.899	27.452	70.9	16.443	.0	1483.1	12278.8	5.0
1200.0	1189.9	3.395	3.308	34.511	27.466	32.996	27.458	70.4	16.584	.0	1483.3	12605.1	7.1
1220.0	1209.7	3.360	3.272	34.515	27.473	33.096	27.465	69.8	16.724	.0	1483.5	12934.2	5.0
1240.0	1229.4	3.331	3.241	34.517	27.477	33.192	27.469	69.5	16.863	.0	1483.7	13266.0	-.5
1260.0	1249.2	3.299	3.208	34.520	27.483	33.289	27.474	69.1	17.002	.0	1483.9	13600.6	.1
1280.0	1268.9	3.278	3.185	34.524	27.488	33.385	27.479	68.7	17.140	.0	1484.2	13937.8	3.3
1300.0	1288.7	3.222	3.128	34.528	27.496	33.487	27.487	67.9	17.276	.0	1484.3	14277.7	.4
1320.0	1308.4	3.176	3.081	34.532	27.504	33.587	27.495	67.1	17.411	.0	1484.4	14620.3	4.5
1340.0	1328.2	3.144	3.048	34.535	27.509	33.684	27.500	66.7	17.545	.0	1484.6	14965.4	-.5
1360.0	1347.9	3.086	2.989	34.538	27.517	33.785	27.508	65.9	17.677	.0	1484.7	15313.2	.7
1380.0	1367.7	3.044	2.946	34.541	27.524	33.884	27.515	65.3	17.808	.0	1484.9	15663.5	4.8
1400.0	1387.4	3.014	2.914	34.545	27.529	33.981	27.520	64.8	17.938	.0	1485.1	16016.4	1.0
1420.0	1407.2	2.981	2.880	34.547	27.534	34.078	27.525	64.3	18.068	.0	1485.3	16371.8	3.4
1440.0	1426.9	2.962	2.859	34.549	27.538	34.173	27.529	64.1	18.196	.0	1485.5	16729.7	2.2
1460.0	1446.6	2.928	2.824	34.552	27.543	34.271	27.534	63.6	18.324	.0	1485.7	17090.1	4.0
1480.0	1466.4	2.881	2.776	34.555	27.550	34.370	27.541	62.9	18.450	.0	1485.8	17452.9	2.2
1500.0	1486.1	2.855	2.749	34.557	27.554	34.466	27.545	62.6	18.576	.0	1486.1	17818.3	1.9
1520.0	1505.8	2.823	2.715	34.560	27.559	34.563	27.550	62.2	18.701	.0	1486.3	18186.0	-9.8
1540.0	1525.6	2.793	2.684	34.562	27.564	34.659	27.554	61.7	18.824	.0	1486.5	18556.2	2.5
1560.0	1545.3	2.757	2.647	34.564	27.569	34.757	27.559	61.2	18.948	.0	1486.6	18928.8	4.3
1580.0	1565.0	2.717	2.605	34.568	27.575	34.855	27.566	60.6	19.069	.0	1486.8	19303.7	5.5
1600.0	1584.7	2.671	2.559	34.571	27.581	34.954	27.572	60.0	19.190	.0	1487.0	19681.0	2.0
1620.0	1604.5	2.628	2.515	34.574	27.588	35.053	27.579	59.3	19.309	.0	1487.1	20060.6	4.3
1640.0	1624.2	2.583	2.468	34.578	27.596	35.153	27.586	58.6	19.427	.0	1487.2	20442.6	2.9
1660.0	1643.9	2.551	2.435	34.580	27.600	35.249	27.590	58.2	19.544	.0	1487.4	20826.8	6.4
1680.0	1663.6	2.496	2.379	34.585	27.608	35.350	27.598	57.3	19.659	.0	1487.5	21213.2	3.2
1700.0	1683.3	2.465	2.347	34.587	27.613	35.446	27.603	56.8	19.774	.0	1487.8	21601.9	1.5
1720.0	1703.0	2.453	2.333	34.588	27.615	35.540	27.605	56.7	19.887	.0	1488.0	21992.8	3.2
1740.0	1722.8	2.401	2.280	34.592	27.623	35.640	27.612	55.9	20.000	.0	1488.1	22385.9	2.1
1760.0	1742.5	2.384	2.262	34.594	27.625	35.734	27.615	55.7	20.111	.0	1488.4	22781.1	1.2
1780.0	1762.2	2.352	2.229	34.595	27.629	35.829	27.619	55.3	20.222	.0	1488.6	23178.5	3.0
1800.0	1781.9	2.324	2.199	34.599	27.635	35.927	27.624	54.8	20.332	.0	1488.8	23578.1	1.2
1820.0	1801.6	2.304	2.178	34.600	27.637	36.021	27.627	54.6	20.441	.0	1489.1	23979.7	5.6
1840.0	1821.3	2.277	2.150	34.602	27.641	36.116	27.631	54.2	20.550	.0	1489.3	24383.5	-.5
1860.0	1841.0	2.259	2.131	34.603	27.644	36.210	27.633	54.0	20.658	.0	1489.6	24789.4	3.0
1880.0	1860.7	2.231	2.101	34.607	27.649	36.307	27.639	53.4	20.766	.0	1489.8	25197.3	.7
1900.0	1880.4	2.209	2.078	34.609	27.652	36.401	27.642	53.1	20.872	.0	1490.0	25607.3	2.2
1920.0	1900.1	2.182	2.049	34.612	27.657	36.497	27.646	52.7	20.978	.0	1490.2	26019.4	2.8
1940.0	1919.7	2.158	2.024	34.614	27.661	36.593	27.650	52.3	21.083	.0	1490.5	26433.5	3.4
1960.0	1939.4	2.126	1.991	34.617	27.666	36.690	27.655	51.8	21.188	.0	1490.7	26849.7	1.6
1980.0	1959.1	2.115	1.978	34.617	27.667	36.781	27.656	51.7	21.291	.0	1491.0	27267.8	.5
2000.0	1978.8	2.095	1.957	34.619	27.670	36.876	27.659	51.4	21.394	.0	1491.2	27687.9	2.8
2050.0	2028.0	2.049	1.907	34.624	27.678	37.111	27.667	50.7	21.649	.0	1491.8	28746.9	1.4
2096.0	2073.3	2.025	1.880	34.627	27.682	37.324	27.671	50.4	21.882	.0	1492.5	29731.9	.0

Station 116 Latitude 31° 52.90'N Longitude 127° 03.05'W 08 May 1991 GMT 16:36 Bottom 4275 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.660	15.660	33.186	24.430	24.430	24.430	349.1	.000	.0	1507.2	.0	.0
10.0	10.0	15.599	15.598	33.199	24.453	24.497	24.453	347.1	.349	.0	1507.2	1.7	126.4
20.0	19.9	15.015	15.012	33.185	24.571	24.660	24.571	336.2	.689	.0	1505.5	6.9	34.4
30.0	29.9	14.916	14.912	33.183	24.592	24.724	24.591	334.6	1.025	.0	1505.4	15.5	11.8
40.0	39.9	14.885	14.879	33.183	24.598	24.775	24.597	334.2	1.359	.0	1505.4	27.3	3.6
50.0	49.8	14.812	14.805	33.184	24.615	24.836	24.614	332.9	1.693	.0	1505.4	42.5	57.8
60.0	59.8	14.416	14.408	33.174	24.692	24.957	24.690	325.8	2.022	.0	1504.2	61.1	99.9
70.0	69.7	14.253	14.243	33.204	24.749	25.059	24.747	320.6	2.344	.0	1503.9	82.8	20.2
80.0	79.7	14.291	14.280	33.233	24.764	25.118	24.762	319.5	2.664	.0	1504.2	107.7	10.3
90.0	89.7	14.216	14.203	33.224	24.773	25.172	24.771	318.9	2.984	.0	1504.1	135.9	35.2
100.0	99.6	13.724	13.710	33.160	24.826	25.270	24.823	314.1	3.300	.0	1502.6	167.2	44.8
110.0	109.6	13.606	13.591	33.184	24.868	25.357	24.865	310.3	3.613	.0	1502.4	201.6	18.7
120.0	119.5	13.184	13.168	33.157	24.933	25.467	24.930	304.4	3.921	.0	1501.1	239.1	105.3
130.0	129.5	12.039	12.022	33.126	25.130	25.711	25.127	285.6	4.217	.0	1497.4	279.6	114.1
140.0	139.4	10.934	10.917	33.094	25.307	25.936	25.304	268.7	4.495	.0	1493.6	323.0	103.4
150.0	149.4	10.685	10.667	33.177	25.415	26.089	25.412	258.6	4.759	.0	1493.0	369.0	232.2
160.0	159.3	10.094	10.076	33.304	25.615	26.336	25.612	239.7	5.007	.0	1491.2	417.6	240.3
170.0	169.3	9.800	9.781	33.334	25.688	26.456	25.685	232.8	5.241	.0	1490.3	468.6	20.6
180.0	179.2	9.715	9.695	33.405	25.758	26.570	25.754	226.4	5.471	.0	1490.2	521.8	95.6
190.0	189.2	9.489	9.468	33.521	25.885	26.744	25.882	214.4	5.692	.0	1489.7	577.4	95.0
200.0	199.1	9.114	9.092	33.599	26.007	26.912	26.003	203.0	5.902	.0	1488.6	635.0	99.3
210.0	209.1	9.071	9.048	33.689	26.084	27.035	26.081	195.8	6.102	.0	1488.7	694.7	83.2
220.0	219.0	8.979	8.956	33.755	26.151	27.146	26.147	189.7	6.294	.0	1488.6	756.3	34.9
230.0	228.9	8.884	8.859	33.849	26.239	27.280	26.235	181.5	6.481	.0	1488.5	819.8	136.2
240.0	238.9	8.774	8.748	33.897	26.294	27.381	26.290	176.4	6.658	.0	1488.3	885.1	2.1
250.0	248.8	8.697	8.671	33.929	26.331	27.464	26.327	173.0	6.834	.0	1488.2	952.1	75.3
260.0	258.7	8.491	8.464	33.972	26.397	27.575	26.393	167.0	7.003	.0	1487.7	1020.8	45.1
270.0	268.7	8.377	8.349	33.979	26.420	27.645	26.416	164.8	7.169	.0	1487.4	1091.2	1.7
280.0	278.6	8.214	8.186	33.994	26.456	27.727	26.452	161.5	7.333	.0	1487.0	1163.3	48.5
290.0	288.5	8.079	8.050	34.003	26.483	27.801	26.479	159.0	7.494	.0	1486.6	1236.9	33.3
300.0	298.5	7.903	7.873	34.005	26.512	27.875	26.507	156.4	7.651	.0	1486.1	1312.1	15.4
310.0	308.4	7.764	7.733	34.007	26.533	27.943	26.529	154.5	7.806	.0	1485.8	1388.9	32.1
320.0	318.3	7.554	7.523	34.032	26.583	28.040	26.579	149.8	7.958	.0	1485.2	1467.2	17.4
330.0	328.3	7.463	7.431	34.047	26.608	28.111	26.603	147.6	8.107	.0	1485.0	1546.9	37.6
340.0	338.2	7.239	7.206	34.039	26.633	28.183	26.628	145.2	8.253	.0	1484.3	1628.2	14.4
350.0	348.1	7.058	7.025	34.041	26.660	28.257	26.655	142.7	8.397	.0	1483.7	1710.8	26.7
360.0	358.1	7.002	6.968	34.052	26.677	28.320	26.672	141.2	8.539	.0	1483.7	1794.9	-2.0
370.0	368.0	6.944	6.910	34.057	26.689	28.377	26.684	140.1	8.680	.0	1483.6	1880.4	17.0
380.0	377.9	6.872	6.837	34.065	26.705	28.439	26.700	138.8	8.819	.0	1483.5	1967.2	17.3
390.0	387.8	6.828	6.792	34.088	26.729	28.509	26.724	136.6	8.957	.0	1483.5	2055.5	25.8
400.0	397.8	6.646	6.609	34.079	26.747	28.574	26.742	134.9	9.093	.0	1483.0	2145.0	31.6
410.0	407.7	6.554	6.517	34.090	26.767	28.641	26.762	133.1	9.226	.0	1482.8	2235.9	21.7
420.0	417.6	6.450	6.412	34.097	26.787	28.708	26.782	131.2	9.358	.0	1482.5	2328.2	5.2
430.0	427.5	6.392	6.354	34.107	26.802	28.768	26.796	129.9	9.489	.0	1482.5	2421.7	14.0
440.0	437.5	6.242	6.203	34.117	26.829	28.843	26.824	127.3	9.617	.0	1482.1	2516.5	10.2
450.0	447.4	6.180	6.140	34.118	26.838	28.898	26.833	126.5	9.744	.0	1482.0	2612.5	9.9
460.0	457.3	6.109	6.069	34.126	26.854	28.960	26.849	125.1	9.870	.0	1481.9	2709.8	28.3
470.0	467.2	6.022	5.981	34.144	26.878	29.031	26.873	122.8	9.994	.0	1481.7	2808.4	9.9
480.0	477.1	5.971	5.929	34.152	26.892	29.091	26.886	121.7	10.116	.0	1481.7	2908.1	16.9
490.0	487.1	5.924	5.882	34.164	26.907	29.152	26.902	120.3	10.237	.0	1481.7	3009.1	12.2
500.0	497.0	5.885	5.842	34.170	26.917	29.208	26.911	119.5	10.357	.0	1481.7	3111.2	10.8
510.0	506.9	5.830	5.787	34.181	26.933	29.270	26.927	118.1	10.476	.0	1481.6	3214.5	11.6
520.0	516.8	5.793	5.748	34.186	26.941	29.324	26.935	117.4	10.594	.0	1481.6	3319.0	21.0
530.0	526.7	5.706	5.661	34.192	26.957	29.387	26.951	115.9	10.710	.0	1481.5	3424.6	16.3
540.0	536.7	5.627	5.581	34.202	26.975	29.451	26.969	114.3	10.825	.0	1481.3	3531.4	15.4
550.0	546.6	5.551	5.505	34.209	26.989	29.512	26.983	113.0	10.939	.0	1481.2	3639.3	7.5
560.0	556.5	5.433	5.386	34.212	27.006	29.576	27.000	111.3	11.051	.0	1480.9	3748.3	25.4
570.0	566.4	5.373	5.326	34.215	27.015	29.632	27.009	110.5	11.162	.0	1480.8	3858.5	18.6
580.0	576.3	5.297	5.250	34.222	27.030	29.694	27.024	109.1	11.272	.0	1480.7	3969.7	7.8
590.0	586.2	5.416	5.367	34.250	27.038	29.746	27.032	108.6	11.381	.0	1481.4	4082.0	11.3
600.0	596.1	5.365	5.315	34.254	27.047	29.801	27.041	107.8	11.489	.0	1481.3	4195.3	7.8
610.0	606.0	5.278	5.228	34.258	27.061	29.862	27.055	106.6	11.596	.0	1481.1	4309.7	11.3
620.0	616.0	5.238	5.187	34.263	27.069	29.917	27.063	105.8	11.702	.0	1481.1	4425.2	6.6
630.0	625.9	5.219	5.168	34.278	27.084	29.977	27.078	104.5	11.808	.0	1481.2	4541.7	18.9
640.0	635.8	5.162	5.110	34.289	27.099	30.038	27.093	103.2	11.911	.0	1481.2	4659.3	9.0
650.0	645.7	5.104	5.051	34.293	27.109	30.095	27.103	102.2	12.014	.0	1481.1	4777.8	11.3
660.0	655.6	5.024	4.971	34.296	27.120	30.153	27.114	101.2	12.116	.0	1481.0	4897.4	6.0
670.0	665.5	4.992	4.938	34.304	27.131	30.209	27.124	100.3	12.217	.0	1481.0	5017.9	9.5
680.0	675.4	4.959	4.905	34.313	27.142	30.267	27.136	99.3	12.316	.0	1481.0	5139.5	1.9
690.0	685.3	4.939	4.884	34.320	27.149	30.321	27.143	98.6	12.415	.0	1481.1	5262.0	10.1
700.0	695.2	4.898	4.842	34.326	27.160	30.377	27.153	97.7	12.514	.0	1481.1	5385.5	12.8
710.0	705.1	4.873	4.817	34.335	27.169	30.432	27.162	97.0	12.611	.0	1481.2	5509.9	9.3
720.0	715.0	4.861	4.803	34.348	27.181	30.490	27.175	95.9	12.707	.0	1481.3	5635.3	10.4
730.0	725.0	4.841	4.783	34.353	27.187	30.542	27.180	95.4	12.803	.0	1481.4	5761.7	11.3
740.0	734.9	4.845	4.786	34.365	27.196	30.597	27.190	94.7	12.898	.0	1481.6	5889.0	6.1
750.0	744.8	4.775	4.716	34.366	27.205	30.652	27.198	93.8	12.992	.0	1481.5	6017.2	2.0
760.0	754.7	4.792	4.732	34.379	27.214	30.706	27.207	93.2	13.085	.0	1481.8	6146.3	2.0
770.0	764.6	4.718	4.657	34.378	27.221	30.761	27.215	92.4	13.178	.0	1481.6	6276.4	6.7
780.0	774.5	4.692	4.630	34.382	27.227	30.813	27.220	91.9	13.270	.0	1481.7	6407.3	4.0
790.0	784.4	4.679	4.616	34.384	27.230	30.862	27.223	91.7	13.362	.0	1481.8	6539.2	6.4
800.0	794.3	4.620	4.557	34.391	27.243	30.921	27.236	90.5	13.453	.0	1481.7	6672.0	6.1
810.0	804.2	4.612	4.548	34.395	27.247	30.971	27.240	90.3	13.544	.0	1481.9	6805.6	1.7
820.0	814.1	4.580	4.516	34.400	27.254	31.024	27.247	89.6	13.634	.0	1481.9	6940.1	3.5
830.0	824.0	4.531	4.466	34.400	27.259	31.076	27.252	89.2	13.723	.0	1481.9	7075.6	2.3
840.0	833.9	4.512	4.446	34.404	27.265	31.128	27.258	88.7	13.812	.0	1481.9	7211.9	11.9
850.0	843.8	4.456	4.390	34.408	27.274	31.184	27.267	87.8	13.900	.0	1481.9	7349.0	8.1
860.0	853.7	4.412	4.345	34.412	27.282	31.238	27.275	87.1	13.988	.0	1481.9	7487.0	11.7
870.0	863.6	4.383	4.316	34.417	27.289	31.291	27.282	86.5	14.074	.0	1481.9	7625.9	12.8
880.0	873.5	4.378	4.310	34.420	27.292	31.340	27.285	86.3	14.161	.0	1482.1	7765.7	5.5
890.0	883.4	4.336	4.267	34.429	27.304	31.399	27.297	85.1	14.247	.0	1482.1	7906.2	9.9
900.0	893.3	4.298	4.229	34.429	27.308	31.448	27.300	84.8	14.332	.0	1482.1	8047.6	4.0
910.0	903.2	4.259	4.189	34.428	27.311	31.498	27.304	84.5	14.416	.0	1482.1	8189.9	3.8
920.0	913.1	4.247	4.176	34.433	27.317	31.550	27.310	84.0	14.500	.0	1482.2	8333.0	5.5
930.0	923.0	4.227	4.156	34.438	27.323	31.601	27.315	83.6	14.584	.0	1482.3	8476.9	4.6
940.0	932.8	4.210	4.138	34.443	27.329	31.654	27.321	83.1	14.668	.0	1482.4	8621.6	14.3
950.0	942.7	4.159	4.087	34.446	27.337	31.708	27.329	82.3	14.751	.0	1482.3	8767.1	10.2
960.0	952.6	4.125	4.052	34.448	27.342	31.760	27.334	81.8	14.833	.0	1482.4	8913.5	6.7
970.0	962.5	4.107	4.033	34.450	27.346	31.809	27.338	81.6	14.914	.0	1482.5	9060.6	1.7
980.0	972.4	4.078	4.004	34.453	27.351	31.861	27.343	81.1	14.996	.0	1482.5	9208.5	6.7
990.0	982.3	4.055	3.980	34.455	27.355	31.911	27.347	80.7	15.076	.0	1482.6	9357.3	8.2

Station 116 Latitude 31° 52.90'N Longitude 127° 03.05'W 08 May 1991 GMT 16:36 Bottom 4275 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.996	3.921	34.461	27.366	31.969	27.358	79.7	15.157	.0	1482.5	9506.8	-.3
1020.0	1012.0	3.943	3.866	34.465	27.375	32.070	27.367	78.9	15.315	.0	1482.6	9808.2	.3
1040.0	1031.8	3.879	3.801	34.470	27.385	32.174	27.377	77.9	15.472	.0	1482.7	10112.7	9.4
1060.0	1051.5	3.829	3.750	34.476	27.395	32.276	27.387	77.1	15.627	.0	1482.8	10420.2	4.4
1080.0	1071.3	3.784	3.703	34.481	27.404	32.377	27.396	76.3	15.780	.0	1483.0	10730.7	4.7
1100.0	1091.1	3.722	3.640	34.487	27.415	32.481	27.407	75.3	15.932	.0	1483.0	11044.2	8.5
1120.0	1110.9	3.682	3.599	34.492	27.423	32.580	27.414	74.6	16.082	.0	1483.2	11360.7	5.9
1140.0	1130.6	3.615	3.531	34.497	27.433	32.684	27.425	73.7	16.230	.0	1483.3	11680.1	5.0
1160.0	1150.4	3.558	3.473	34.502	27.443	32.787	27.435	72.7	16.377	.0	1483.3	12002.4	6.8
1180.0	1170.2	3.504	3.417	34.505	27.451	32.887	27.442	72.0	16.521	.0	1483.5	12327.5	2.1
1200.0	1189.9	3.443	3.355	34.511	27.461	32.990	27.453	71.0	16.664	.0	1483.5	12655.4	5.9
1220.0	1209.7	3.396	3.307	34.512	27.467	33.088	27.458	70.5	16.806	.0	1483.7	12986.1	3.8
1240.0	1229.4	3.332	3.242	34.517	27.477	33.192	27.469	69.5	16.946	.0	1483.7	13319.6	1.8
1260.0	1249.2	3.299	3.208	34.518	27.481	33.288	27.473	69.2	17.085	.0	1483.9	13655.7	7.4
1280.0	1269.0	3.270	3.177	34.522	27.487	33.385	27.478	68.7	17.222	.0	1484.1	13994.6	3.3
1300.0	1288.7	3.218	3.125	34.529	27.498	33.488	27.489	67.7	17.358	.0	1484.3	14336.1	5.9
1320.0	1308.5	3.174	3.079	34.532	27.504	33.587	27.495	67.1	17.493	.0	1484.4	14680.3	1.8
1340.0	1328.2	3.122	3.026	34.535	27.512	33.687	27.503	66.4	17.626	.0	1484.5	15027.1	4.2
1360.0	1348.0	3.079	2.982	34.539	27.519	33.787	27.510	65.7	17.759	.0	1484.7	15376.5	2.2
1380.0	1367.7	3.041	2.943	34.542	27.525	33.885	27.516	65.2	17.889	.0	1484.8	15728.4	4.2
1400.0	1387.4	3.003	2.903	34.545	27.531	33.983	27.522	64.7	18.019	.0	1485.0	16082.9	3.9
1420.0	1407.2	2.952	2.852	34.548	27.538	34.083	27.529	63.9	18.147	.0	1485.1	16439.9	2.5
1440.0	1426.9	2.941	2.838	34.549	27.540	34.176	27.531	63.9	18.275	.0	1485.4	16799.3	1.6
1460.0	1446.7	2.892	2.789	34.553	27.547	34.276	27.538	63.1	18.402	.0	1485.6	17161.3	.7
1480.0	1466.4	2.856	2.751	34.556	27.553	34.374	27.544	62.5	18.528	.0	1485.7	17525.7	1.3
1500.0	1486.1	2.823	2.717	34.559	27.559	34.472	27.549	62.1	18.652	.0	1485.9	17892.5	5.7
1520.0	1505.9	2.780	2.673	34.562	27.565	34.570	27.556	61.4	18.776	.0	1486.1	18261.8	1.9
1540.0	1525.6	2.742	2.634	34.565	27.571	34.668	27.561	60.9	18.898	.0	1486.3	18633.4	4.3
1560.0	1545.3	2.711	2.602	34.567	27.575	34.764	27.565	60.5	19.020	.0	1486.5	19007.4	-.4
1580.0	1565.0	2.684	2.573	34.569	27.579	34.860	27.569	60.2	19.140	.0	1486.7	19383.8	5.2
1600.0	1584.8	2.656	2.544	34.572	27.584	34.956	27.574	59.7	19.260	.0	1486.9	19762.5	3.7
1620.0	1604.5	2.629	2.516	34.574	27.587	35.052	27.578	59.4	19.379	.0	1487.1	20143.5	3.5
1640.0	1624.2	2.592	2.477	34.577	27.593	35.150	27.584	58.8	19.497	.0	1487.3	20526.8	3.2
1660.0	1643.9	2.570	2.454	34.579	27.597	35.245	27.587	58.5	19.615	.0	1487.5	20912.4	-1.2
1680.0	1663.6	2.541	2.423	34.581	27.601	35.341	27.591	58.1	19.732	.0	1487.7	21300.3	2.0
1700.0	1683.3	2.510	2.391	34.584	27.606	35.438	27.596	57.6	19.847	.0	1487.9	21690.4	1.2
1720.0	1703.1	2.480	2.360	34.587	27.612	35.535	27.601	57.1	19.962	.0	1488.1	22082.8	2.9
1740.0	1722.8	2.446	2.325	34.589	27.616	35.632	27.606	56.7	20.076	.0	1488.3	22477.4	3.0
1760.0	1742.5	2.425	2.302	34.591	27.620	35.726	27.609	56.4	20.189	.0	1488.6	22874.1	3.8
1780.0	1762.2	2.386	2.262	34.594	27.625	35.824	27.615	55.8	20.301	.0	1488.8	23273.1	6.2
1800.0	1781.9	2.348	2.223	34.597	27.631	35.922	27.621	55.2	20.412	.0	1488.9	23674.2	2.1
1820.0	1801.6	2.335	2.209	34.599	27.634	36.015	27.623	55.0	20.522	.0	1489.2	24077.5	1.2
1840.0	1821.3	2.319	2.191	34.600	27.636	36.109	27.625	54.8	20.632	.0	1489.5	24482.8	-.5
1860.0	1841.0	2.302	2.172	34.602	27.639	36.203	27.628	54.6	20.742	.0	1489.7	24890.3	3.0
1880.0	1860.7	2.279	2.148	34.603	27.642	36.297	27.631	54.3	20.851	.0	1490.0	25300.0	.1
1900.0	1880.4	2.249	2.117	34.606	27.647	36.394	27.636	53.8	20.959	.0	1490.2	25711.7	1.9
1920.0	1900.1	2.227	2.094	34.608	27.650	36.488	27.639	53.5	21.066	.0	1490.4	26125.5	2.5
1940.0	1919.8	2.206	2.071	34.610	27.653	36.583	27.642	53.2	21.173	.0	1490.7	26541.3	.2
1960.0	1939.5	2.185	2.049	34.612	27.657	36.678	27.646	52.9	21.279	.0	1490.9	26959.3	3.4
1980.0	1959.2	2.161	2.024	34.614	27.661	36.773	27.650	52.5	21.384	.0	1491.1	27379.2	2.5
2000.0	1978.8	2.137	1.998	34.616	27.664	36.867	27.653	52.2	21.489	.0	1491.4	27801.2	1.7
2050.0	2028.0	2.095	1.953	34.621	27.671	37.102	27.660	51.6	21.748	.0	1492.0	28865.0	2.0
2096.0	2073.3	2.064	1.918	34.623	27.676	37.316	27.665	51.2	21.985	.0	1492.7	29854.6	.0

Station 117 Latitude 31° 39.91'N Longitude 127° 10.10'W 08 May 1991 GMT 19:12 Bottom 4310 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.691	15.691	33.148	24.394	24.394	24.394	352.5	.000	.0	1507.3	.0	.0
10.0	10.0	15.697	15.695	33.177	24.415	24.459	24.415	350.8	.352	.0	1507.5	1.8	3.2
20.0	19.9	15.229	15.226	33.174	24.516	24.604	24.515	341.5	.700	.0	1506.2	7.0	76.9
30.0	29.9	15.170	15.165	33.169	24.525	24.658	24.524	340.9	1.041	.0	1506.2	15.7	10.4
40.0	39.9	14.877	14.871	33.168	24.588	24.765	24.587	335.2	1.380	.0	1505.4	27.7	206.8
50.0	49.8	14.457	14.450	33.161	24.673	24.894	24.671	327.3	1.710	.0	1504.2	43.1	15.3
60.0	59.8	14.321	14.313	33.151	24.694	24.960	24.692	325.6	2.037	.0	1503.9	61.8	15.6
70.0	69.7	14.199	14.189	33.135	24.707	25.017	24.705	324.6	2.362	.0	1503.7	83.7	19.3
80.0	79.7	14.194	14.183	33.177	24.741	25.096	24.739	321.7	2.686	.0	1503.9	108.9	36.0
90.0	89.7	14.048	14.035	33.188	24.781	25.179	24.778	318.2	3.006	.0	1503.6	137.2	110.1
100.0	99.6	13.270	13.256	33.135	24.898	25.342	24.895	307.2	3.318	.0	1501.1	168.7	51.7
110.0	109.6	13.731	13.716	33.389	25.001	25.489	24.998	297.7	3.621	.0	1503.1	203.2	88.1
120.0	119.5	12.813	12.797	33.402	25.196	25.730	25.192	279.3	3.909	.0	1500.2	240.7	184.6
130.0	129.5	11.928	11.911	33.334	25.313	25.894	25.309	268.3	4.183	.0	1497.2	281.0	211.9
140.0	139.4	11.774	11.756	33.486	25.459	26.085	25.456	254.5	4.442	.0	1497.1	323.9	74.6
150.0	149.4	11.085	11.067	33.475	25.577	26.250	25.574	243.4	4.692	.0	1494.8	369.4	138.9
160.0	159.3	10.181	10.163	33.449	25.713	26.434	25.710	230.4	4.929	.0	1491.7	417.2	106.2
170.0	169.3	9.889	9.869	33.481	25.788	26.555	25.785	223.4	5.156	.0	1490.8	467.4	101.8
180.0	179.2	9.608	9.589	33.552	25.890	26.703	25.887	213.9	5.375	.0	1490.0	519.8	118.4
190.0	189.2	9.507	9.486	33.569	25.920	26.778	25.917	211.2	5.587	.0	1489.8	574.3	35.2
200.0	199.1	9.142	9.120	33.625	26.023	26.928	26.019	201.5	5.793	.0	1488.7	630.8	41.0
210.0	209.1	9.043	9.021	33.706	26.102	27.053	26.099	194.1	5.992	.0	1488.6	689.4	60.1
220.0	219.0	8.872	8.849	33.778	26.186	27.182	26.182	186.3	6.183	.0	1488.2	749.9	67.1
230.0	228.9	8.780	8.756	33.851	26.257	27.299	26.254	179.7	6.366	.0	1488.1	812.3	41.3
240.0	238.9	8.705	8.680	33.924	26.326	27.413	26.322	173.4	6.543	.0	1488.1	876.5	41.9
250.0	248.8	8.564	8.538	33.953	26.371	27.504	26.367	169.3	6.714	.0	1487.8	942.3	29.3
260.0	258.7	8.379	8.353	33.972	26.414	27.594	26.410	165.2	6.881	.0	1487.3	1009.9	2.0
270.0	268.7	8.215	8.188	33.989	26.452	27.677	26.448	161.8	7.045	.0	1486.8	1079.0	57.6
280.0	278.6	8.065	8.036	33.999	26.483	27.754	26.478	158.9	7.205	.0	1486.4	1149.8	25.4
290.0	288.5	7.885	7.856	34.012	26.520	27.838	26.515	155.5	7.363	.0	1485.9	1222.2	45.3
300.0	298.5	7.667	7.638	34.016	26.554	27.920	26.550	152.2	7.517	.0	1485.2	1296.1	21.2
310.0	308.4	7.495	7.465	34.000	26.566	27.978	26.562	151.2	7.668	.0	1484.7	1371.5	13.3
320.0	318.3	7.466	7.435	34.000	26.570	28.028	26.566	150.9	7.819	.0	1484.8	1448.4	-1.4
330.0	328.3	7.317	7.285	34.002	26.594	28.098	26.589	148.8	7.970	.0	1484.4	1526.8	29.4
340.0	338.2	7.110	7.078	34.007	26.626	28.177	26.622	145.7	8.117	.0	1483.7	1606.6	29.6
350.0	348.1	6.949	6.917	34.021	26.659	28.257	26.654	142.7	8.261	.0	1483.3	1688.0	22.0
360.0	358.0	6.906	6.873	34.025	26.668	28.312	26.664	141.9	8.404	.0	1483.3	1770.7	14.1
370.0	368.0	6.873	6.839	34.058	26.699	28.388	26.695	139.1	8.545	.0	1483.3	1854.8	35.7
380.0	377.9	6.662	6.628	34.042	26.715	28.451	26.710	137.6	8.683	.0	1482.6	1940.3	4.1
390.0	387.8	6.537	6.502	34.046	26.735	28.518	26.730	135.8	8.819	.0	1482.3	2027.2	21.9
400.0	397.8	6.422	6.386	34.049	26.752	28.582	26.747	134.2	8.955	.0	1482.0	2115.4	28.1
410.0	407.7	6.478	6.441	34.077	26.767	28.642	26.762	132.9	9.088	.0	1482.5	2204.9	13.7
420.0	417.6	6.378	6.341	34.082	26.784	28.706	26.779	131.4	9.220	.0	1482.2	2295.8	20.7
430.0	427.5	6.247	6.209	34.084	26.802	28.771	26.798	129.7	9.350	.0	1481.9	2387.9	7.3
440.0	437.5	6.189	6.150	34.103	26.825	28.840	26.820	127.6	9.479	.0	1481.8	2481.3	16.9
450.0	447.4	6.155	6.116	34.109	26.834	28.894	26.829	126.9	9.607	.0	1481.9	2576.0	10.8
460.0	457.3	6.071	6.031	34.117	26.851	28.958	26.846	125.3	9.733	.0	1481.7	2672.0	20.1
470.0	467.2	5.981	5.941	34.123	26.867	29.021	26.862	123.8	9.857	.0	1481.5	2769.1	19.2
480.0	477.1	5.897	5.856	34.139	26.890	29.091	26.885	121.7	9.980	.0	1481.4	2867.5	18.4
490.0	487.1	5.756	5.714	34.138	26.907	29.154	26.902	120.1	10.101	.0	1480.9	2967.1	13.6
500.0	497.0	5.669	5.627	34.143	26.922	29.216	26.917	118.7	10.220	.0	1480.8	3067.9	20.4
510.0	506.9	5.593	5.550	34.161	26.946	29.286	26.940	116.5	10.338	.0	1480.6	3169.9	12.7
520.0	516.8	5.495	5.451	34.162	26.958	29.346	26.953	115.4	10.454	.0	1480.4	3273.0	13.9
530.0	526.7	5.458	5.415	34.185	26.981	29.414	26.976	113.3	10.569	.0	1480.5	3377.2	12.2
540.0	536.7	5.546	5.500	34.203	26.985	29.462	26.979	113.2	10.682	.0	1481.0	3482.6	3.4
550.0	546.6	5.346	5.301	34.200	27.006	29.532	27.000	111.1	10.794	.0	1480.3	3589.1	9.8
560.0	556.5	5.247	5.201	34.205	27.021	29.595	27.016	109.6	10.905	.0	1480.1	3696.7	20.6
570.0	566.4	5.244	5.197	34.221	27.035	29.654	27.030	108.4	11.014	.0	1480.3	3805.3	13.3
580.0	576.3	5.303	5.255	34.246	27.048	29.712	27.043	107.4	11.121	.0	1480.7	3915.0	13.0
590.0	586.2	5.096	5.049	34.233	27.062	29.774	27.056	105.9	11.228	.0	1480.0	4025.8	15.6
600.0	596.1	5.055	5.007	34.241	27.073	29.832	27.068	104.9	11.333	.0	1480.0	4137.7	1.6
610.0	606.0	5.067	5.018	34.261	27.087	29.891	27.081	103.8	11.438	.0	1480.3	4250.5	19.8
620.0	616.0	5.021	4.971	34.264	27.095	29.945	27.089	103.1	11.541	.0	1480.2	4364.4	11.3
630.0	625.9	4.965	4.915	34.272	27.108	30.005	27.102	101.9	11.643	.0	1480.2	4479.3	7.7
640.0	635.8	4.987	4.936	34.291	27.121	30.063	27.115	100.8	11.745	.0	1480.5	4595.2	15.7
650.0	645.7	5.063	5.010	34.318	27.133	30.120	27.127	99.9	11.845	.0	1481.0	4712.1	14.5
660.0	655.6	4.968	4.915	34.313	27.141	30.174	27.135	99.2	11.945	.0	1480.7	4829.9	14.2
670.0	665.5	4.996	4.942	34.332	27.152	30.231	27.146	98.2	12.043	.0	1481.1	4948.8	13.7
680.0	675.4	4.908	4.854	34.329	27.160	30.286	27.154	97.5	12.141	.0	1480.9	5068.6	15.4
690.0	685.3	4.871	4.815	34.335	27.169	30.341	27.163	96.7	12.238	.0	1480.9	5189.4	12.2
700.0	695.2	4.769	4.713	34.331	27.177	30.397	27.171	95.9	12.334	.0	1480.6	5311.1	13.0
710.0	705.1	4.847	4.790	34.356	27.189	30.452	27.182	95.0	12.430	.0	1481.1	5433.8	14.8
720.0	715.0	4.786	4.729	34.358	27.197	30.508	27.191	94.2	12.524	.0	1481.0	5557.4	9.3
730.0	725.0	4.660	4.603	34.352	27.206	30.565	27.200	93.2	12.618	.0	1480.7	5681.9	6.6
740.0	734.8	4.635	4.577	34.356	27.213	30.617	27.206	92.7	12.711	.0	1480.7	5807.3	12.8
750.0	744.8	4.538	4.479	34.351	27.219	30.671	27.213	92.1	12.803	.0	1480.5	5933.7	3.4
760.0	754.7	4.549	4.489	34.364	27.229	30.726	27.222	91.3	12.895	.0	1480.7	6060.9	10.4
770.0	764.6	4.436	4.376	34.357	27.235	30.780	27.228	90.6	12.986	.0	1480.4	6189.1	2.2
780.0	774.5	4.499	4.438	34.375	27.243	30.832	27.236	90.1	13.076	.0	1480.9	6318.1	8.4
790.0	784.4	4.391	4.331	34.373	27.253	30.890	27.246	89.0	13.166	.0	1480.6	6448.1	8.4
800.0	794.3	4.367	4.306	34.377	27.258	30.942	27.252	88.6	13.255	.0	1480.6	6578.9	4.3
810.0	804.2	4.359	4.297	34.381	27.263	30.992	27.256	88.3	13.343	.0	1480.8	6710.5	7.2
820.0	814.1	4.346	4.284	34.387	27.269	31.044	27.262	87.8	13.431	.0	1480.9	6843.1	11.9
830.0	824.0	4.342	4.278	34.402	27.281	31.102	27.274	86.7	13.518	.0	1481.1	6976.5	7.8
840.0	833.9	4.357	4.292	34.411	27.287	31.153	27.280	86.3	13.605	.0	1481.3	7110.8	6.9
850.0	843.8	4.310	4.245	34.416	27.296	31.208	27.289	85.5	13.691	.0	1481.3	7245.9	4.3
860.0	853.7	4.259	4.193	34.421	27.306	31.265	27.299	84.5	13.776	.0	1481.2	7381.8	5.8
870.0	863.6	4.214	4.147	34.421	27.310	31.316	27.303	84.1	13.860	.0	1481.2	7518.6	7.5
880.0	873.5	4.191	4.124	34.423	27.314	31.367	27.307	83.8	13.944	.0	1481.3	7656.2	2.0
890.0	883.4	4.169	4.101	34.427	27.320	31.418	27.313	83.3	14.027	.0	1481.4	7794.6	2.2
900.0	893.3	4.166	4.097	34.433	27.325	31.469	27.318	82.9	14.111	.0	1481.5	7933.8	7.5
910.0	903.2	4.129	4.060	34.437	27.332	31.522	27.325	82.3	14.193	.0	1481.5	8073.8	2.8
920.0	913.0	4.099	4.029	34.440	27.338	31.574	27.330	81.8	14.275	.0	1481.6	8214.7	4.6
930.0	923.0	4.077	4.007	34.444	27.344	31.626	27.336	81.3	14.357	.0	1481.7	8356.4	7.2
940.0	932.8	4.029	3.958	34.448	27.351	31.680	27.344	80.6	14.438	.0	1481.6	8498.8	14.0
950.0	942.7	3.996	3.924	34.451	27.358	31.733	27.350	80.0	14.518	.0	1481.7	8642.1	7.5
960.0	952.6	3.968	3.896	34.453	27.362	31.784	27.355	79.6	14.598	.0	1481.7	8786.1	2.6
970.0	962.5	3.950	3.877	34.455	27.366	31.833	27.358	79.3	14.677	.0	1481.8	8930.9	5.8
980.0	972.4	3.931	3.858	34.459	27.371	31.884	27.363	78.9	14.756	.0	1481.9	9076.5	8.4
990.0	982.3	3.920	3.845	34.467	27.378	31.938	27.370	78.3	14.835	.0	1482.0	9222.8	10.2

Station 117 Latitude 31° 39.91'N Longitude 127° 10.10'W 08 May 1991 GMT 19:12 Bottom 4310 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.873	3.798	34.467	27.383	31.990	27.375	77.8	14.913	.0	1482.0	9370.0	4.0
1020.0	1012.0	3.839	3.763	34.477	27.395	32.093	27.387	76.8	15.068	.0	1482.2	9666.5	5.8
1040.0	1031.8	3.797	3.720	34.483	27.403	32.194	27.396	76.0	15.221	.0	1482.3	9966.0	7.9
1060.0	1051.5	3.746	3.668	34.486	27.411	32.294	27.403	75.3	15.372	.0	1482.5	10268.5	9.1
1080.0	1071.3	3.684	3.605	34.493	27.423	32.398	27.415	74.3	15.522	.0	1482.5	10574.0	7.6
1100.0	1091.1	3.643	3.562	34.498	27.431	32.499	27.423	73.6	15.669	.0	1482.7	10882.4	5.6
1120.0	1110.8	3.601	3.518	34.501	27.438	32.598	27.429	73.0	15.816	.0	1482.9	11193.6	5.3
1140.0	1130.6	3.555	3.471	34.506	27.446	32.699	27.438	72.3	15.961	.0	1483.0	11507.7	4.7
1160.0	1150.4	3.492	3.407	34.509	27.455	32.800	27.447	71.4	16.105	.0	1483.1	11824.6	7.0
1180.0	1170.2	3.435	3.350	34.514	27.465	32.903	27.456	70.5	16.246	.0	1483.2	12144.4	7.0
1200.0	1189.9	3.386	3.299	34.519	27.474	33.004	27.465	69.7	16.387	.0	1483.3	12466.8	3.8
1220.0	1209.7	3.336	3.248	34.523	27.482	33.105	27.473	69.0	16.525	.0	1483.4	12792.0	5.6
1240.0	1229.4	3.304	3.215	34.526	27.487	33.202	27.478	68.6	16.663	.0	1483.6	13119.9	2.7
1260.0	1249.2	3.267	3.176	34.528	27.492	33.300	27.484	68.1	16.799	.0	1483.8	13450.4	-.2
1280.0	1268.9	3.219	3.127	34.533	27.500	33.400	27.492	67.3	16.935	.0	1483.9	13783.7	6.2
1300.0	1288.7	3.158	3.065	34.532	27.506	33.499	27.497	66.8	17.069	.0	1484.0	14119.5	4.5
1320.0	1308.4	3.112	3.017	34.536	27.513	33.599	27.505	66.0	17.202	.0	1484.1	14457.9	-1.7
1340.0	1328.2	3.082	2.986	34.539	27.519	33.696	27.510	65.6	17.333	.0	1484.4	14799.0	1.3
1360.0	1347.9	3.041	2.944	34.542	27.524	33.794	27.516	65.1	17.464	.0	1484.5	15142.5	3.6
1380.0	1367.7	3.014	2.916	34.544	27.529	33.890	27.520	64.7	17.594	.0	1484.7	15488.6	3.3
1400.0	1387.4	2.977	2.877	34.548	27.535	33.989	27.527	64.1	17.722	.0	1484.9	15837.3	-1.4
1420.0	1407.2	2.936	2.835	34.551	27.542	34.087	27.532	63.5	17.850	.0	1485.1	16188.4	1.0
1440.0	1426.9	2.897	2.796	34.554	27.547	34.185	27.538	63.0	17.977	.0	1485.2	16542.0	4.2
1460.0	1446.7	2.866	2.763	34.555	27.552	34.281	27.542	62.6	18.103	.0	1485.4	16898.1	2.5
1480.0	1466.4	2.834	2.730	34.558	27.556	34.378	27.547	62.2	18.227	.0	1485.6	17256.5	-.1
1500.0	1486.1	2.797	2.691	34.560	27.562	34.476	27.552	61.7	18.351	.0	1485.8	17617.5	5.1
1520.0	1505.9	2.769	2.662	34.563	27.567	34.572	27.557	61.3	18.474	.0	1486.0	17980.8	1.4
1540.0	1525.6	2.745	2.637	34.564	27.570	34.667	27.560	61.0	18.596	.0	1486.3	18346.4	5.5
1560.0	1545.3	2.704	2.595	34.568	27.577	34.766	27.567	60.3	18.717	.0	1486.4	18714.5	.2
1580.0	1565.0	2.688	2.577	34.570	27.580	34.860	27.570	60.1	18.837	.0	1486.7	19084.9	1.1
1600.0	1584.8	2.669	2.557	34.571	27.582	34.954	27.572	60.0	18.958	.0	1486.9	19457.6	2.0
1620.0	1604.5	2.640	2.527	34.573	27.586	35.050	27.576	59.6	19.077	.0	1487.2	19832.7	3.8
1640.0	1624.2	2.605	2.491	34.577	27.592	35.148	27.582	59.0	19.195	.0	1487.3	20210.0	3.8
1660.0	1643.9	2.570	2.454	34.580	27.598	35.246	27.588	58.4	19.313	.0	1487.5	20589.7	4.7
1680.0	1663.6	2.533	2.416	34.582	27.603	35.343	27.593	57.9	19.429	.0	1487.7	20971.6	3.5
1700.0	1683.3	2.501	2.383	34.585	27.608	35.440	27.598	57.4	19.544	.0	1487.9	21355.8	4.7
1720.0	1703.1	2.474	2.354	34.587	27.612	35.535	27.602	57.1	19.659	.0	1488.1	21742.2	2.9
1740.0	1722.8	2.443	2.322	34.590	27.617	35.632	27.607	56.6	19.773	.0	1488.3	22130.8	4.1
1760.0	1742.5	2.415	2.293	34.593	27.622	35.729	27.611	56.2	19.885	.0	1488.5	22521.6	4.4
1780.0	1762.2	2.391	2.267	34.595	27.625	35.824	27.615	55.8	19.998	.0	1488.8	22914.5	4.4
1800.0	1781.9	2.366	2.241	34.597	27.629	35.919	27.619	55.5	20.109	.0	1489.0	23309.7	2.4
1820.0	1801.6	2.352	2.226	34.597	27.631	36.012	27.620	55.4	20.220	.0	1489.3	23707.0	2.1
1840.0	1821.3	2.325	2.197	34.600	27.635	36.108	27.625	54.9	20.330	.0	1489.5	24106.4	2.4
1860.0	1841.0	2.309	2.180	34.601	27.638	36.201	27.627	54.8	20.440	.0	1489.8	24508.0	1.9
1880.0	1860.7	2.279	2.148	34.603	27.642	36.298	27.632	54.3	20.549	.0	1490.0	24911.7	2.2
1900.0	1880.4	2.252	2.120	34.606	27.646	36.393	27.636	53.9	20.657	.0	1490.2	25317.4	3.6
1920.0	1900.1	2.231	2.098	34.609	27.650	36.488	27.639	53.5	20.764	.0	1490.4	25725.3	5.1
1940.0	1919.8	2.211	2.076	34.610	27.653	36.583	27.642	53.3	20.871	.0	1490.7	26135.2	1.3
1960.0	1939.5	2.189	2.053	34.612	27.657	36.677	27.646	52.9	20.977	.0	1490.9	26547.2	4.3
1980.0	1959.2	2.164	2.027	34.615	27.661	36.773	27.650	52.5	21.083	.0	1491.2	26961.2	3.1
2000.0	1978.8	2.143	2.004	34.616	27.664	36.867	27.653	52.2	21.188	.0	1491.4	27377.3	1.4
2050.0	2028.0	2.079	1.937	34.622	27.674	37.106	27.663	51.2	21.446	.0	1492.0	28426.2	2.3
2096.0	2073.3	2.034	1.889	34.626	27.681	37.321	27.669	50.6	21.680	.0	1492.6	29402.2	.0

Station 118 Latitude 31° 34.54'N Longitude 126° 54.64'W 08 May 1991 GMT 22:00 Bottom 4460 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.670	15.670	33.198	24.437	24.437	24.437	348.4	.000	.0	1507.3	.0	.0
10.0	10.0	15.665	15.663	33.178	24.423	24.467	24.422	350.0	.349	.0	1507.4	1.7	55.3
20.0	19.9	15.050	15.047	33.202	24.576	24.665	24.576	335.7	.694	.0	1505.7	6.9	173.2
30.0	29.9	14.943	14.939	33.195	24.594	24.727	24.594	334.3	1.028	.0	1505.5	15.5	4.8
40.0	39.9	14.908	14.903	33.194	24.602	24.778	24.600	333.9	1.362	.0	1505.5	27.4	8.6
50.0	49.8	14.578	14.570	33.180	24.662	24.883	24.660	328.4	1.694	.0	1504.6	42.7	64.2
60.0	59.8	14.217	14.208	33.149	24.715	24.980	24.713	323.7	2.019	.0	1503.6	61.2	34.6
70.0	69.7	14.247	14.237	33.184	24.736	25.045	24.733	322.0	2.342	.0	1503.9	82.9	36.6
80.0	79.7	13.910	13.899	33.150	24.779	25.134	24.777	318.0	2.662	.0	1502.9	107.8	41.8
90.0	89.7	13.762	13.749	33.134	24.797	25.197	24.795	316.6	2.979	.0	1502.5	135.9	17.8
100.0	99.6	13.687	13.673	33.146	24.822	25.266	24.819	314.5	3.295	.0	1502.5	167.1	34.2
110.0	109.6	13.553	13.537	33.156	24.858	25.346	24.855	311.3	3.608	.0	1502.2	201.5	38.3
120.0	119.5	13.390	13.374	33.151	24.886	25.420	24.883	308.8	3.918	.0	1501.8	239.0	40.9
130.0	129.5	12.059	12.043	33.115	25.118	25.699	25.115	286.8	4.219	.0	1497.4	279.5	283.7
140.0	139.4	11.064	11.047	33.111	25.297	25.926	25.294	269.7	4.498	.0	1494.1	322.9	110.1
150.0	149.4	10.522	10.505	33.140	25.415	26.090	25.412	258.6	4.761	.0	1492.3	369.0	140.2
160.0	159.3	9.721	9.704	33.263	25.645	26.368	25.642	236.7	5.010	.0	1489.7	417.6	279.1
170.0	169.3	9.547	9.529	33.418	25.795	26.563	25.792	222.6	5.241	.0	1489.5	468.6	174.6
180.0	179.2	9.483	9.463	33.518	25.884	26.697	25.881	214.4	5.461	.0	1489.5	521.8	95.8
190.0	189.2	9.309	9.288	33.611	25.985	26.844	25.982	204.9	5.672	.0	1489.1	577.1	194.5
200.0	199.1	9.136	9.114	33.700	26.083	26.987	26.079	195.8	5.872	.0	1488.8	634.5	100.2
210.0	209.1	9.045	9.022	33.726	26.117	27.067	26.114	192.7	6.066	.0	1488.6	693.9	35.8
220.0	219.0	8.919	8.896	33.839	26.226	27.222	26.222	182.6	6.253	.0	1488.5	755.1	44.5
230.0	228.9	8.792	8.767	33.888	26.284	27.326	26.281	177.2	6.433	.0	1488.2	818.1	60.3
240.0	238.9	8.634	8.609	33.935	26.346	27.434	26.342	171.5	6.607	.0	1487.9	882.9	83.7
250.0	248.8	8.476	8.450	33.965	26.394	27.527	26.390	167.0	6.776	.0	1487.5	949.4	36.9
260.0	258.7	8.295	8.269	33.990	26.440	27.620	26.436	162.7	6.940	.0	1487.0	1017.6	41.2
270.0	268.7	8.126	8.099	34.003	26.477	27.703	26.473	159.4	7.101	.0	1486.5	1087.3	9.9
280.0	278.6	7.893	7.865	34.011	26.517	27.790	26.513	155.5	7.259	.0	1485.8	1158.6	43.8
290.0	288.5	7.804	7.775	34.012	26.531	27.850	26.527	154.4	7.413	.0	1485.6	1231.5	8.9
300.0	298.5	7.687	7.657	34.012	26.549	27.913	26.544	152.8	7.567	.0	1485.3	1305.9	24.1
310.0	308.4	7.540	7.510	34.023	26.578	27.990	26.574	150.1	7.719	.0	1484.9	1381.8	30.6
320.0	318.3	7.347	7.316	34.025	26.607	28.066	26.603	147.3	7.868	.0	1484.3	1459.2	17.1
330.0	328.3	7.193	7.161	34.026	26.630	28.135	26.625	145.3	8.014	.0	1483.9	1538.1	28.7
340.0	338.2	6.966	6.935	34.025	26.660	28.212	26.656	142.4	8.158	.0	1483.2	1618.4	20.8
350.0	348.1	6.898	6.866	34.036	26.678	28.276	26.674	140.8	8.299	.0	1483.1	1700.0	24.3
360.0	358.1	6.889	6.855	34.062	26.700	28.343	26.695	138.9	8.439	.0	1483.2	1783.1	14.7
370.0	368.0	6.777	6.743	34.064	26.716	28.407	26.712	137.4	8.577	.0	1483.0	1867.6	23.1
380.0	377.9	6.663	6.629	34.074	26.740	28.476	26.735	135.3	8.714	.0	1482.7	1953.4	7.6
390.0	387.8	6.570	6.535	34.082	26.758	28.542	26.754	133.6	8.848	.0	1482.5	2040.6	13.4
400.0	397.8	6.490	6.454	34.088	26.774	28.603	26.769	132.2	8.981	.0	1482.4	2129.1	13.4
410.0	407.7	6.463	6.426	34.103	26.789	28.664	26.784	130.9	9.112	.0	1482.4	2218.8	23.1
420.0	417.6	6.408	6.371	34.106	26.799	28.720	26.794	130.0	9.243	.0	1482.4	2309.9	5.8
430.0	427.5	6.339	6.301	34.112	26.813	28.780	26.808	128.8	9.372	.0	1482.3	2402.3	27.8
440.0	437.5	6.247	6.209	34.116	26.827	28.841	26.822	127.5	9.500	.0	1482.1	2495.9	5.2
450.0	447.4	6.120	6.081	34.119	26.847	28.908	26.842	125.6	9.627	.0	1481.7	2590.8	7.0
460.0	457.3	6.024	5.984	34.124	26.863	28.970	26.858	124.2	9.752	.0	1481.5	2687.0	12.5
470.0	467.2	5.936	5.896	34.125	26.874	29.028	26.869	123.1	9.876	.0	1481.3	2784.3	8.7
480.0	477.1	5.817	5.776	34.126	26.890	29.091	26.885	121.7	9.998	.0	1481.0	2882.9	29.5
490.0	487.1	5.727	5.686	34.135	26.908	29.156	26.903	119.9	10.119	.0	1480.8	2982.7	10.1
500.0	497.0	5.695	5.653	34.140	26.917	29.210	26.911	119.3	10.239	.0	1480.9	3083.7	11.0
510.0	506.9	5.663	5.620	34.149	26.927	29.267	26.922	118.4	10.357	.0	1480.9	3185.8	26.8
520.0	516.8	5.641	5.598	34.168	26.945	29.330	26.940	116.8	10.475	.0	1481.0	3289.1	12.8
530.0	526.7	5.634	5.589	34.185	26.960	29.391	26.954	115.5	10.591	.0	1481.2	3393.6	14.2
540.0	536.7	5.578	5.533	34.192	26.972	29.450	26.967	114.4	10.706	.0	1481.1	3499.2	16.0
550.0	546.6	5.533	5.487	34.202	26.985	29.509	26.980	113.2	10.820	.0	1481.1	3605.9	31.8
560.0	556.5	5.493	5.446	34.212	26.999	29.569	26.993	112.1	10.932	.0	1481.1	3713.7	5.2
570.0	566.4	5.449	5.401	34.222	27.011	29.627	27.006	110.9	11.044	.0	1481.1	3822.7	11.3
580.0	576.3	5.400	5.352	34.229	27.023	29.685	27.017	109.9	11.154	.0	1481.1	3932.7	8.4
590.0	586.2	5.351	5.302	34.237	27.035	29.744	27.029	108.8	11.263	.0	1481.1	4043.8	13.1
600.0	596.1	5.310	5.261	34.250	27.051	29.805	27.045	107.4	11.372	.0	1481.1	4156.0	18.9
610.0	606.0	5.297	5.247	34.262	27.061	29.862	27.055	106.5	11.478	.0	1481.2	4269.3	11.3
620.0	616.0	5.236	5.185	34.269	27.074	29.921	27.068	105.4	11.584	.0	1481.1	4383.6	16.9
630.0	625.9	5.183	5.131	34.277	27.087	29.980	27.081	104.2	11.689	.0	1481.1	4498.9	11.9
640.0	635.8	5.139	5.087	34.282	27.096	30.036	27.090	103.4	11.793	.0	1481.1	4615.3	17.8
650.0	645.7	5.067	5.014	34.292	27.113	30.099	27.107	101.8	11.895	.0	1481.0	4732.7	12.5
660.0	655.6	5.036	4.982	34.300	27.122	30.155	27.116	101.0	11.997	.0	1481.0	4851.0	2.5
670.0	665.5	5.000	4.946	34.307	27.132	30.211	27.126	100.2	12.097	.0	1481.0	4970.4	6.6
680.0	675.4	4.987	4.932	34.315	27.140	30.265	27.134	99.5	12.197	.0	1481.2	5090.8	6.0
690.0	685.3	4.951	4.896	34.321	27.149	30.320	27.143	98.7	12.296	.0	1481.2	5212.1	17.5
700.0	695.2	4.915	4.859	34.327	27.158	30.375	27.151	97.9	12.395	.0	1481.2	5334.4	11.0
710.0	705.2	4.861	4.804	34.334	27.170	30.433	27.163	96.8	12.492	.0	1481.2	5457.7	18.3
720.0	715.0	4.835	4.778	34.339	27.177	30.486	27.170	96.2	12.588	.0	1481.2	5581.9	1.7
730.0	725.0	4.819	4.760	34.343	27.182	30.537	27.175	95.8	12.684	.0	1481.3	5707.1	8.1
740.0	734.9	4.768	4.709	34.349	27.192	30.594	27.186	94.9	12.780	.0	1481.3	5833.2	6.3
750.0	744.8	4.711	4.652	34.350	27.199	30.648	27.193	94.2	12.874	.0	1481.2	5960.3	9.0
760.0	754.7	4.661	4.601	34.353	27.208	30.703	27.201	93.5	12.968	.0	1481.2	6088.3	4.3
770.0	764.6	4.633	4.572	34.359	27.216	30.757	27.209	92.8	13.061	.0	1481.2	6217.2	12.8
780.0	774.5	4.620	4.559	34.367	27.223	30.810	27.216	92.2	13.154	.0	1481.4	6347.0	10.2
790.0	784.4	4.586	4.524	34.375	27.233	30.867	27.227	91.2	13.245	.0	1481.4	6477.7	2.0
800.0	794.3	4.574	4.511	34.376	27.236	30.915	27.229	91.1	13.337	.0	1481.5	6609.3	2.8
810.0	804.2	4.518	4.455	34.384	27.248	30.974	27.241	89.9	13.427	.0	1481.4	6741.8	6.1
820.0	814.1	4.499	4.435	34.392	27.256	31.028	27.249	89.3	13.517	.0	1481.5	6875.2	3.7
830.0	824.0	4.462	4.398	34.399	27.266	31.084	27.259	88.4	13.606	.0	1481.6	7009.5	13.1
840.0	833.9	4.446	4.381	34.404	27.272	31.136	27.265	87.9	13.694	.0	1481.7	7144.6	17.5
850.0	843.8	4.383	4.317	34.413	27.286	31.197	27.279	86.6	13.781	.0	1481.6	7280.6	6.9
860.0	853.7	4.372	4.305	34.416	27.289	31.246	27.282	86.3	13.868	.0	1481.7	7417.4	3.1
870.0	863.6	4.367	4.300	34.417	27.291	31.293	27.284	86.3	13.954	.0	1481.9	7555.1	8.4
880.0	873.5	4.326	4.258	34.423	27.300	31.349	27.293	85.4	14.040	.0	1481.9	7693.7	9.9
890.0	883.4	4.283	4.214	34.426	27.307	31.403	27.300	84.7	14.125	.0	1481.8	7833.0	4.0
900.0	893.3	4.257	4.188	34.431	27.314	31.456	27.307	84.1	14.209	.0	1481.9	7973.2	8.1
910.0	903.2	4.210	4.141	34.433	27.321	31.509	27.313	83.5	14.293	.0	1481.9	8114.3	5.5
920.0	913.1	4.188	4.117	34.440	27.329	31.563	27.321	82.9	14.376	.0	1482.0	8256.1	4.0
930.0	923.0	4.149	4.078	34.442	27.334	31.615	27.327	82.3	14.459	.0	1482.0	8398.8	6.4
940.0	932.9	4.111	4.040	34.448	27.343	31.670	27.335	81.5	14.541	.0	1482.0	8542.3	5.2
950.0	942.8	4.103	4.031	34.452	27.347	31.720	27.340	81.2	14.622	.0	1482.1	8686.5	2.3
960.0	952.7	4.094	4.021	34.452	27.348	31.767	27.341	81.2	14.703	.0	1482.2	8831.6	14.3
970.0	962.5	4.039	3.966	34.459	27.360	31.825	27.352	80.1	14.784	.0	1482.2	8977.5	6.1
980.0	972.4	3.988	3.914	34.460	27.366	31.878	27.358	79.5	14.864	.0	1482.1	9124.1	8.2
990.0	982.3	3.967	3.892	34.464	27.371	31.929	27.363	79.0	14.943	.0	1482.2	9271.5	5.8

Station 118 Latitude 31° 34.54'N Longitude 126° 54.64'W 08 May 1991 GMT 22:00 Bottom 4460 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	3.947	3.872	34.466	27.375	31.979	27.367	78.7	15.022	.0	1482.3	9419.7	9.0
1020.0	1012.0	3.893	3.816	34.472	27.385	32.082	27.377	77.8	15.178	.0	1482.4	9718.4	2.0
1040.0	1031.8	3.818	3.740	34.479	27.399	32.189	27.391	76.5	15.333	.0	1482.4	10020.2	15.8
1060.0	1051.6	3.766	3.687	34.484	27.407	32.290	27.400	75.7	15.485	.0	1482.6	10324.9	3.5
1080.0	1071.3	3.726	3.646	34.488	27.415	32.390	27.407	75.1	15.636	.0	1482.7	10632.6	11.4
1100.0	1091.1	3.673	3.592	34.491	27.423	32.490	27.415	74.4	15.785	.0	1482.8	10943.3	1.7
1120.0	1110.9	3.637	3.554	34.495	27.429	32.589	27.421	73.9	15.933	.0	1483.0	11256.9	.3
1140.0	1130.6	3.565	3.481	34.503	27.443	32.695	27.435	72.6	16.080	.0	1483.0	11573.3	4.4
1160.0	1150.4	3.513	3.428	34.505	27.450	32.795	27.442	71.9	16.224	.0	1483.2	11892.6	7.3
1180.0	1170.2	3.470	3.384	34.510	27.458	32.895	27.450	71.2	16.367	.0	1483.3	12214.7	3.2
1200.0	1189.9	3.439	3.352	34.512	27.463	32.992	27.455	70.8	16.509	.0	1483.5	12539.5	3.5
1220.0	1209.7	3.388	3.300	34.517	27.472	33.093	27.463	70.0	16.650	.0	1483.6	12867.2	3.0
1240.0	1229.5	3.335	3.245	34.522	27.481	33.195	27.472	69.2	16.789	.0	1483.8	13197.5	8.5
1260.0	1249.2	3.294	3.203	34.525	27.487	33.294	27.479	68.6	16.927	.0	1483.9	13530.6	6.2
1280.0	1269.0	3.258	3.166	34.527	27.493	33.391	27.484	68.1	17.063	.0	1484.1	13866.3	3.6
1300.0	1288.7	3.206	3.112	34.531	27.501	33.492	27.492	67.4	17.199	.0	1484.2	14204.7	2.7
1320.0	1308.5	3.168	3.073	34.535	27.507	33.590	27.498	66.8	17.333	.0	1484.4	14545.8	2.4
1340.0	1328.2	3.115	3.020	34.538	27.515	33.690	27.506	66.1	17.466	.0	1484.5	14889.4	5.1
1360.0	1348.0	3.068	2.971	34.542	27.522	33.791	27.513	65.4	17.597	.0	1484.6	15235.6	8.0
1380.0	1367.7	3.026	2.927	34.545	27.528	33.889	27.519	64.8	17.728	.0	1484.8	15584.3	2.5
1400.0	1387.5	3.001	2.901	34.548	27.533	33.986	27.524	64.4	17.857	.0	1485.0	15935.6	4.8
1420.0	1407.2	2.974	2.873	34.548	27.536	34.080	27.527	64.2	17.985	.0	1485.2	16289.4	1.3
1440.0	1426.9	2.931	2.829	34.551	27.542	34.179	27.533	63.6	18.113	.0	1485.4	16645.7	5.1
1460.0	1446.7	2.903	2.799	34.554	27.547	34.275	27.538	63.2	18.240	.0	1485.6	17004.5	4.8
1480.0	1466.4	2.853	2.748	34.556	27.553	34.374	27.544	62.6	18.366	.0	1485.7	17365.7	3.7
1500.0	1486.2	2.819	2.713	34.558	27.558	34.471	27.549	62.1	18.491	.0	1485.9	17729.4	5.7
1520.0	1505.9	2.800	2.693	34.560	27.561	34.566	27.552	61.9	18.615	.0	1486.2	18095.4	3.1
1540.0	1525.6	2.770	2.662	34.563	27.566	34.662	27.557	61.4	18.737	.0	1486.4	18463.9	5.5
1560.0	1545.3	2.747	2.637	34.564	27.570	34.757	27.560	61.1	18.860	.0	1486.6	18834.8	2.0
1580.0	1565.1	2.705	2.594	34.568	27.576	34.856	27.567	60.5	18.982	.0	1486.8	19208.0	2.6
1600.0	1584.8	2.671	2.558	34.571	27.582	34.954	27.573	59.9	19.102	.0	1486.9	19583.6	7.0
1620.0	1604.5	2.626	2.513	34.576	27.590	35.054	27.580	59.2	19.221	.0	1487.1	19961.5	5.2
1640.0	1624.2	2.588	2.473	34.578	27.595	35.152	27.585	58.6	19.339	.0	1487.3	20341.7	3.2
1660.0	1643.9	2.555	2.440	34.581	27.600	35.249	27.590	58.2	19.455	.0	1487.5	20724.1	1.4
1680.0	1663.7	2.526	2.409	34.583	27.604	35.345	27.594	57.8	19.572	.0	1487.7	21108.9	3.2
1700.0	1683.4	2.497	2.379	34.585	27.608	35.440	27.598	57.4	19.687	.0	1487.9	21495.9	3.8
1720.0	1703.1	2.456	2.336	34.588	27.614	35.539	27.604	56.8	19.801	.0	1488.0	21885.1	1.5
1740.0	1722.8	2.429	2.308	34.591	27.619	35.635	27.609	56.4	19.914	.0	1488.3	22276.5	2.9
1760.0	1742.5	2.399	2.277	34.594	27.624	35.732	27.614	55.9	20.026	.0	1488.5	22670.0	.3
1780.0	1762.2	2.381	2.257	34.595	27.627	35.826	27.617	55.6	20.138	.0	1488.7	23065.8	-1.4
1800.0	1781.9	2.354	2.229	34.597	27.630	35.921	27.620	55.3	20.249	.0	1489.0	23463.7	1.2
1820.0	1801.6	2.325	2.199	34.599	27.635	36.017	27.624	54.9	20.359	.0	1489.2	23863.8	3.3
1840.0	1821.3	2.308	2.180	34.602	27.638	36.111	27.627	54.6	20.468	.0	1489.4	24265.9	1.3
1860.0	1841.0	2.280	2.151	34.603	27.641	36.206	27.631	54.3	20.577	.0	1489.6	24670.2	1.9
1880.0	1860.7	2.261	2.130	34.605	27.645	36.301	27.634	54.0	20.685	.0	1489.9	25076.6	.1
1900.0	1880.4	2.234	2.103	34.608	27.649	36.397	27.639	53.5	20.793	.0	1490.1	25485.0	-.5
1920.0	1900.1	2.214	2.081	34.610	27.653	36.492	27.642	53.2	20.900	.0	1490.4	25895.6	2.5
1940.0	1919.8	2.188	2.053	34.612	27.656	36.587	27.646	52.9	21.006	.0	1490.6	26308.2	1.9
1960.0	1939.5	2.169	2.033	34.613	27.659	36.681	27.648	52.6	21.111	.0	1490.8	26722.8	.2
1980.0	1959.2	2.160	2.023	34.614	27.661	36.773	27.650	52.5	21.216	.0	1491.1	27139.5	2.8
2000.0	1978.9	2.142	2.003	34.617	27.664	36.867	27.653	52.2	21.321	.0	1491.4	27558.2	5.5
2050.0	2028.1	2.105	1.963	34.620	27.670	37.100	27.659	51.7	21.581	.0	1492.1	28613.7	2.0
2094.0	2071.4	2.067	1.921	34.624	27.677	37.307	27.665	51.1	21.807	.0	1492.7	29552.9	.0

Station 119 Latitude 31° 47.09'N Longitude 126° 47.53'W 08 May 1991 GMT :51 Bottom 4310 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.459	15.459	33.083	24.395	24.395	24.395	352.4	.000	.0	1506.5	.0	.0
10.0	10.0	15.445	15.443	33.140	24.442	24.486	24.442	348.2	.350	.0	1506.7	1.8	5.8
20.0	19.9	15.417	15.414	33.146	24.454	24.542	24.453	347.4	.698	.0	1506.8	7.0	-.7
30.0	29.9	15.346	15.342	33.146	24.469	24.602	24.468	346.2	1.045	.0	1506.7	15.7	28.0
40.0	39.9	14.962	14.957	33.125	24.537	24.714	24.536	340.0	1.389	.0	1505.6	27.8	59.3
50.0	49.8	14.489	14.482	33.132	24.644	24.865	24.642	330.1	1.726	.0	1504.3	43.3	136.2
60.0	59.8	14.351	14.342	33.164	24.698	24.964	24.696	325.2	2.053	.0	1504.0	62.1	22.3
70.0	69.7	14.148	14.138	33.144	24.725	25.035	24.723	322.9	2.376	.0	1503.5	84.2	1.8
80.0	79.7	14.122	14.111	33.159	24.742	25.096	24.740	321.6	2.698	.0	1503.6	109.5	19.0
90.0	89.7	14.295	14.282	33.236	24.766	25.164	24.763	319.7	3.019	.0	1504.4	137.9	24.1
100.0	99.6	13.923	13.909	33.231	24.840	25.283	24.837	312.8	3.336	.0	1503.4	169.6	82.0
110.0	109.6	12.629	12.614	33.104	25.000	25.490	24.997	297.6	3.641	.0	1499.0	204.3	191.8
120.0	119.5	11.417	11.402	33.080	25.209	25.747	25.206	277.7	3.927	.0	1495.0	242.0	104.9
130.0	129.5	10.926	10.910	33.085	25.301	25.885	25.298	269.1	4.202	.0	1493.4	282.5	226.6
140.0	139.4	10.224	10.208	33.162	25.483	26.114	25.480	251.9	4.459	.0	1491.1	325.6	128.7
150.0	149.4	9.620	9.604	33.276	25.672	26.350	25.669	233.9	4.702	.0	1489.2	371.2	106.4
160.0	159.3	9.410	9.393	33.395	25.800	26.523	25.797	222.0	4.930	.0	1488.8	419.1	202.1
170.0	169.3	9.189	9.170	33.606	26.000	26.769	25.997	203.1	5.142	.0	1488.4	469.2	129.7
180.0	179.2	9.182	9.163	33.717	26.088	26.903	26.085	194.9	5.341	.0	1488.7	521.3	127.7
190.0	189.2	9.122	9.101	33.828	26.184	27.044	26.181	186.0	5.531	.0	1488.7	575.3	63.3
200.0	199.1	9.063	9.041	33.875	26.231	27.136	26.228	181.7	5.715	.0	1488.7	631.2	28.4
210.0	209.0	8.924	8.901	33.914	26.283	27.234	26.280	176.9	5.894	.0	1488.4	688.9	42.2
220.0	219.0	8.846	8.822	33.930	26.309	27.305	26.305	174.7	6.070	.0	1488.3	748.4	37.8
230.0	228.9	8.712	8.688	33.967	26.358	27.400	26.355	170.1	6.242	.0	1488.0	809.6	51.5
240.0	238.9	8.625	8.600	33.986	26.387	27.474	26.383	167.6	6.411	.0	1487.9	872.4	19.6
250.0	248.8	8.529	8.503	34.013	26.423	27.556	26.419	164.3	6.577	.0	1487.7	937.0	36.6
260.0	258.7	8.403	8.376	34.022	26.450	27.629	26.446	161.9	6.740	.0	1487.4	1003.1	39.8
270.0	268.6	8.299	8.272	34.042	26.481	27.706	26.477	159.1	6.900	.0	1487.2	1070.9	4.9
280.0	278.6	8.205	8.177	34.047	26.500	27.771	26.495	157.4	7.059	.0	1487.0	1140.2	24.0
290.0	288.5	8.137	8.108	34.066	26.524	27.841	26.520	155.2	7.215	.0	1487.0	1211.1	24.0
300.0	298.5	8.002	7.972	34.075	26.551	27.914	26.547	152.8	7.369	.0	1486.6	1283.5	43.0
310.0	308.4	7.928	7.897	34.097	26.580	27.989	26.575	150.2	7.521	.0	1486.5	1357.5	28.0
320.0	318.3	7.848	7.816	34.110	26.602	28.057	26.598	148.2	7.670	.0	1486.4	1432.9	25.1
330.0	328.2	7.744	7.711	34.116	26.622	28.122	26.617	146.5	7.817	.0	1486.2	1509.8	20.7
340.0	338.2	7.650	7.616	34.131	26.648	28.194	26.643	144.1	7.962	.0	1486.0	1588.1	14.2
350.0	348.1	7.547	7.513	34.136	26.666	28.259	26.662	142.4	8.105	.0	1485.7	1667.9	27.4
360.0	358.0	7.470	7.435	34.154	26.692	28.330	26.687	140.1	8.246	.0	1485.6	1749.0	24.2
370.0	368.0	7.395	7.359	34.162	26.708	28.393	26.704	138.7	8.386	.0	1485.5	1831.6	9.8
380.0	377.9	7.320	7.283	34.166	26.723	28.453	26.718	137.5	8.524	.0	1485.4	1915.5	21.2
390.0	387.8	7.286	7.248	34.167	26.729	28.505	26.723	137.0	8.661	.0	1485.4	2000.8	18.9
400.0	397.7	7.182	7.144	34.174	26.749	28.571	26.743	135.2	8.797	.0	1485.2	2087.5	9.8
410.0	407.7	7.069	7.031	34.181	26.770	28.638	26.764	133.3	8.932	.0	1484.9	2175.4	30.9
420.0	417.6	6.956	6.917	34.187	26.790	28.705	26.784	131.5	9.064	.0	1484.7	2264.7	3.3
430.0	427.5	6.893	6.853	34.188	26.800	28.761	26.794	130.6	9.195	.0	1484.6	2355.3	1.3
440.0	437.4	6.861	6.820	34.190	26.805	28.813	26.800	130.2	9.325	.0	1484.6	2447.2	7.4
450.0	447.4	6.707	6.666	34.187	26.823	28.878	26.818	128.5	9.454	.0	1484.2	2540.4	7.4
460.0	457.3	6.588	6.546	34.180	26.834	28.935	26.829	127.5	9.582	.0	1483.8	2634.8	.3
470.0	467.2	6.432	6.390	34.171	26.847	28.996	26.842	126.2	9.709	.0	1483.4	2730.5	10.3
480.0	477.1	6.336	6.293	34.178	26.866	29.061	26.861	124.5	9.835	.0	1483.2	2827.5	28.4
490.0	487.0	6.181	6.138	34.162	26.873	29.115	26.867	123.8	9.959	.0	1482.7	2925.7	31.3
500.0	497.0	6.100	6.056	34.171	26.891	29.179	26.885	122.2	10.082	.0	1482.5	3025.1	13.7
510.0	506.9	6.048	6.004	34.180	26.904	29.239	26.899	121.0	10.203	.0	1482.5	3125.7	31.0
520.0	516.8	6.032	5.987	34.200	26.922	29.302	26.916	119.4	10.323	.0	1482.6	3227.4	16.7
530.0	526.7	5.957	5.911	34.211	26.940	29.367	26.935	117.8	10.442	.0	1482.5	3330.4	7.3
540.0	536.6	5.960	5.913	34.221	26.948	29.421	26.942	117.1	10.559	.0	1482.7	3434.6	5.5
550.0	546.5	5.939	5.891	34.221	26.951	29.469	26.945	117.0	10.677	.0	1482.8	3539.8	2.3
560.0	556.5	5.870	5.822	34.224	26.962	29.526	26.956	116.1	10.793	.0	1482.7	3646.3	4.7
570.0	566.4	5.558	5.510	34.186	26.970	29.585	26.964	115.0	10.909	.0	1481.5	3753.9	6.4
580.0	576.3	5.496	5.448	34.191	26.982	29.643	26.976	113.9	11.023	.0	1481.4	3862.6	8.4
590.0	586.2	5.446	5.397	34.198	26.993	29.701	26.987	112.9	11.136	.0	1481.4	3972.5	16.0
600.0	596.1	5.408	5.358	34.207	27.005	29.758	26.999	111.8	11.248	.0	1481.4	4083.4	4.9
610.0	606.0	5.366	5.316	34.224	27.024	29.823	27.018	110.2	11.360	.0	1481.4	4195.5	8.1
620.0	615.9	5.292	5.241	34.236	27.042	29.888	27.036	108.5	11.469	.0	1481.3	4308.6	13.7
630.0	625.8	5.248	5.196	34.251	27.059	29.951	27.053	106.9	11.577	.0	1481.3	4422.8	16.0
640.0	635.8	5.225	5.173	34.260	27.069	30.007	27.063	106.1	11.683	.0	1481.4	4538.1	13.4
650.0	645.7	5.172	5.119	34.273	27.085	30.070	27.079	104.6	11.788	.0	1481.4	4654.4	13.7
660.0	655.6	5.124	5.070	34.276	27.093	30.125	27.087	103.8	11.893	.0	1481.3	4771.7	2.2
670.0	665.5	5.110	5.055	34.279	27.097	30.175	27.091	103.5	11.996	.0	1481.4	4890.1	4.0
680.0	675.4	5.071	5.016	34.287	27.108	30.232	27.102	102.6	12.099	.0	1481.5	5009.5	4.9
690.0	685.3	5.054	4.998	34.296	27.117	30.286	27.111	101.8	12.201	.0	1481.6	5129.9	4.6
700.0	695.2	5.005	4.948	34.308	27.133	30.348	27.126	100.4	12.303	.0	1481.5	5251.3	4.6
710.0	705.1	4.966	4.909	34.313	27.141	30.403	27.135	99.7	12.403	.0	1481.6	5373.6	3.4
720.0	715.0	4.949	4.891	34.319	27.148	30.455	27.141	99.2	12.502	.0	1481.7	5497.0	13.4
730.0	724.9	4.887	4.829	34.328	27.162	30.516	27.155	97.8	12.601	.0	1481.6	5621.3	11.3
740.0	734.8	4.848	4.789	34.336	27.173	30.574	27.167	96.8	12.698	.0	1481.6	5746.6	8.4
750.0	744.8	4.809	4.749	34.343	27.184	30.630	27.177	95.9	12.795	.0	1481.6	5872.9	15.4
760.0	754.7	4.778	4.718	34.347	27.190	30.683	27.183	95.4	12.890	.0	1481.7	6000.1	9.3
770.0	764.6	4.732	4.671	34.354	27.201	30.740	27.194	94.4	12.985	.0	1481.6	6128.2	3.4
780.0	774.5	4.702	4.640	34.360	27.208	30.794	27.201	93.7	13.079	.0	1481.7	6257.3	14.3
790.0	784.4	4.651	4.589	34.364	27.217	30.850	27.211	92.9	13.172	.0	1481.6	6387.3	11.6
800.0	794.3	4.594	4.532	34.363	27.223	30.902	27.216	92.3	13.265	.0	1481.6	6518.2	5.8
810.0	804.2	4.572	4.509	34.366	27.228	30.953	27.221	91.9	13.357	.0	1481.6	6650.0	5.8
820.0	814.1	4.538	4.474	34.374	27.238	31.009	27.231	91.1	13.448	.0	1481.7	6782.7	5.2
830.0	824.0	4.520	4.455	34.380	27.245	31.062	27.238	90.5	13.539	.0	1481.8	6916.3	7.3
840.0	833.9	4.478	4.413	34.388	27.255	31.119	27.248	89.5	13.629	.0	1481.8	7050.7	11.1
850.0	843.8	4.442	4.376	34.392	27.263	31.173	27.256	88.8	13.719	.0	1481.8	7186.1	6.7
860.0	853.7	4.442	4.374	34.402	27.271	31.227	27.264	88.2	13.807	.0	1482.0	7322.3	10.8
870.0	863.6	4.393	4.326	34.410	27.282	31.284	27.275	87.1	13.895	.0	1481.9	7459.4	4.6
880.0	873.5	4.373	4.305	34.414	27.288	31.336	27.280	86.7	13.981	.0	1482.0	7597.4	.8
890.0	883.4	4.362	4.293	34.415	27.290	31.384	27.283	86.5	14.068	.0	1482.2	7736.2	9.6
900.0	893.3	4.328	4.258	34.425	27.302	31.442	27.294	85.4	14.154	.0	1482.2	7875.9	9.9
910.0	903.2	4.296	4.226	34.430	27.309	31.495	27.301	84.8	14.239	.0	1482.2	8016.3	2.0
920.0	913.0	4.268	4.197	34.431	27.313	31.545	27.306	84.5	14.324	.0	1482.3	8157.7	9.6
930.0	922.9	4.227	4.155	34.431	27.318	31.597	27.310	84.1	14.408	.0	1482.3	8299.8	.5
940.0	932.8	4.190	4.118	34.432	27.322	31.648	27.315	83.6	14.492	.0	1482.3	8442.8	2.6
950.0	942.7	4.180	4.107	34.434	27.325	31.696	27.317	83.5	14.575	.0	1482.4	8586.6	2.3
960.0	952.6	4.159	4.085	34.438	27.330	31.747	27.322	83.0	14.659	.0	1482.5	8731.2	5.5
970.0	962.5	4.139	4.065	34.443	27.336	31.799	27.328	82.5	14.742	.0	1482.6	8876.6	6.1
980.0	972.4	4.114	4.039	34.445	27.341	31.850	27.333	82.1	14.824	.0	1482.6	9022.9	11.1
990.0	982.3	4.058	3.983	34.446	27.348	31.904	27.340	81.4	14.906	.0	1482.6	9169.9	6.1

Station 119 Latitude 31° 47.09'N Longitude 126° 47.53'W 08 May 1991 GMT :51 Bottom 4310 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	4.028	3.953	34.451	27.354	31.957	27.346	80.8	14.987	.0	1482.6	9317.8	4.7
1020.0	1012.0	3.980	3.902	34.465	27.371	32.066	27.363	79.3	15.147	.0	1482.8	9615.8	6.4
1040.0	1031.8	3.929	3.851	34.469	27.379	32.166	27.371	78.6	15.305	.0	1482.9	9917.0	5.3
1060.0	1051.5	3.896	3.816	34.471	27.384	32.263	27.376	78.3	15.462	.0	1483.1	10221.2	1.8
1080.0	1071.3	3.823	3.743	34.476	27.396	32.368	27.388	77.2	15.617	.0	1483.1	10528.5	5.0
1100.0	1091.1	3.763	3.681	34.482	27.406	32.471	27.398	76.2	15.770	.0	1483.2	10838.9	5.6
1120.0	1110.8	3.730	3.647	34.486	27.413	32.570	27.405	75.7	15.922	.0	1483.4	11152.2	1.8
1140.0	1130.6	3.679	3.594	34.490	27.422	32.671	27.413	74.9	16.073	.0	1483.5	11468.4	2.4
1160.0	1150.4	3.630	3.544	34.496	27.431	32.773	27.423	74.0	16.222	.0	1483.6	11787.6	6.2
1180.0	1170.2	3.590	3.503	34.500	27.439	32.872	27.430	73.4	16.369	.0	1483.8	12109.7	9.4
1200.0	1189.9	3.550	3.462	34.504	27.445	32.971	27.437	72.8	16.515	.0	1484.0	12434.6	5.0
1220.0	1209.7	3.507	3.417	34.506	27.452	33.070	27.443	72.2	16.660	.0	1484.1	12762.4	3.9
1240.0	1229.4	3.451	3.360	34.509	27.460	33.170	27.451	71.5	16.804	.0	1484.2	13093.1	4.5
1260.0	1249.2	3.383	3.291	34.515	27.471	33.275	27.462	70.4	16.945	.0	1484.3	13426.5	.7
1280.0	1268.9	3.364	3.271	34.518	27.475	33.370	27.466	70.1	17.086	.0	1484.5	13762.6	5.7
1300.0	1288.7	3.315	3.220	34.522	27.483	33.471	27.474	69.3	17.226	.0	1484.7	14101.5	6.5
1320.0	1308.5	3.266	3.170	34.527	27.492	33.571	27.483	68.6	17.363	.0	1484.8	14443.1	.4
1340.0	1328.2	3.222	3.125	34.530	27.499	33.671	27.490	67.9	17.500	.0	1484.9	14787.3	12.7
1360.0	1347.9	3.188	3.090	34.533	27.504	33.768	27.495	67.4	17.635	.0	1485.1	15134.3	4.2
1380.0	1367.7	3.157	3.057	34.535	27.509	33.865	27.500	67.1	17.770	.0	1485.3	15483.8	1.3
1400.0	1387.4	3.101	3.000	34.539	27.517	33.966	27.508	66.3	17.903	.0	1485.4	15836.0	1.6
1420.0	1407.2	3.074	2.972	34.541	27.522	34.062	27.512	65.9	18.035	.0	1485.6	16190.7	.5
1440.0	1426.9	3.046	2.942	34.544	27.527	34.159	27.517	65.5	18.167	.0	1485.9	16548.0	8.4
1460.0	1446.7	2.991	2.886	34.548	27.535	34.260	27.525	64.6	18.296	.0	1486.0	16907.9	1.9
1480.0	1466.4	2.957	2.852	34.551	27.540	34.357	27.531	64.1	18.426	.0	1486.2	17270.2	1.9
1500.0	1486.1	2.910	2.803	34.553	27.546	34.455	27.536	63.6	18.553	.0	1486.3	17635.1	1.4
1520.0	1505.9	2.867	2.759	34.557	27.554	34.555	27.544	62.8	18.679	.0	1486.4	18002.4	-.4
1540.0	1525.6	2.843	2.733	34.559	27.557	34.650	27.547	62.6	18.805	.0	1486.7	18372.2	2.9
1560.0	1545.3	2.799	2.688	34.562	27.564	34.749	27.554	61.9	18.929	.0	1486.8	18744.4	7.0
1580.0	1565.0	2.739	2.627	34.567	27.572	34.851	27.563	61.0	19.052	.0	1486.9	19119.0	3.5
1600.0	1584.8	2.687	2.575	34.569	27.579	34.950	27.569	60.3	19.173	.0	1487.0	19496.0	1.4
1620.0	1604.5	2.664	2.550	34.571	27.583	35.046	27.573	60.0	19.294	.0	1487.3	19875.3	4.1
1640.0	1624.2	2.632	2.516	34.574	27.588	35.143	27.578	59.5	19.413	.0	1487.5	20256.9	1.1
1660.0	1643.9	2.600	2.484	34.576	27.592	35.239	27.582	59.1	19.532	.0	1487.7	20640.9	1.4
1680.0	1663.6	2.574	2.456	34.578	27.596	35.335	27.586	58.7	19.649	.0	1487.9	21027.1	3.8
1700.0	1683.4	2.525	2.406	34.582	27.604	35.435	27.594	57.9	19.766	.0	1488.0	21415.7	.6
1720.0	1703.1	2.493	2.373	34.583	27.607	35.530	27.597	57.6	19.882	.0	1488.2	21806.4	4.1
1740.0	1722.8	2.454	2.333	34.586	27.613	35.628	27.603	57.0	19.997	.0	1488.4	22199.4	11.2
1760.0	1742.5	2.423	2.300	34.587	27.617	35.723	27.606	56.7	20.110	.0	1488.6	22594.7	3.0
1780.0	1762.2	2.387	2.263	34.588	27.620	35.819	27.610	56.3	20.223	.0	1488.7	22992.1	7.1
1800.0	1781.9	2.364	2.239	34.590	27.624	35.914	27.614	55.9	20.335	.0	1489.0	23391.7	3.9
1820.0	1801.6	2.326	2.200	34.594	27.631	36.013	27.620	55.3	20.446	.0	1489.2	23793.4	.7
1840.0	1821.3	2.312	2.184	34.598	27.635	36.108	27.624	54.9	20.556	.0	1489.4	24197.3	.1
1860.0	1841.0	2.276	2.147	34.600	27.639	36.205	27.629	54.4	20.666	.0	1489.6	24603.3	3.9
1880.0	1860.7	2.256	2.125	34.603	27.643	36.300	27.633	54.1	20.774	.0	1489.9	25011.4	1.0
1900.0	1880.4	2.237	2.105	34.604	27.646	36.394	27.635	53.8	20.882	.0	1490.1	25421.7	.1
1920.0	1900.1	2.211	2.078	34.605	27.649	36.488	27.639	53.5	20.990	.0	1490.3	25833.9	1.9
1940.0	1919.8	2.197	2.062	34.608	27.653	36.583	27.642	53.3	21.096	.0	1490.6	26248.3	.7
1960.0	1939.5	2.164	2.029	34.608	27.655	36.677	27.644	53.0	21.203	.0	1490.8	26664.7	2.5
1980.0	1959.2	2.132	1.995	34.608	27.658	36.772	27.647	52.6	21.308	.0	1491.0	27083.2	-.1
2000.0	1978.8	2.107	1.969	34.610	27.661	36.867	27.650	52.3	21.413	.0	1491.2	27503.7	2.2
2050.0	2028.0	2.063	1.921	34.615	27.669	37.102	27.658	51.6	21.673	.0	1491.9	28563.7	4.0
2096.0	2073.3	2.021	1.876	34.617	27.675	37.317	27.663	51.1	21.909	.0	1492.5	29549.9	.0

Station 120 Latitude 31° 59.87'N Longitude 126° 40.02'W 08 May 1991 GMT 3:40 Bottom 4165 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.436	15.436	33.132	24.438	24.438	24.438	348.3	.000	.0	1506.5	.0	.0
10.0	10.0	15.440	15.439	33.166	24.463	24.507	24.463	346.2	.347	.0	1506.7	1.7	1.4
20.0	19.9	15.435	15.432	33.166	24.465	24.553	24.465	346.3	.694	.0	1506.8	6.9	3.1
30.0	29.9	15.365	15.361	33.159	24.475	24.607	24.474	345.7	1.040	.0	1506.8	15.6	100.6
40.0	39.9	14.296	14.290	33.135	24.686	24.863	24.685	325.8	1.373	.0	1503.5	27.6	10.8
50.0	49.8	14.177	14.170	33.136	24.712	24.934	24.711	323.6	1.698	.0	1503.3	42.9	34.8
60.0	59.8	14.077	14.068	33.138	24.735	25.001	24.733	321.7	2.020	.0	1503.1	61.4	43.9
70.0	69.7	14.065	14.055	33.153	24.750	25.060	24.748	320.6	2.341	.0	1503.2	83.1	7.3
80.0	79.7	14.243	14.232	33.236	24.777	25.131	24.774	318.3	2.661	.0	1504.1	108.0	30.2
90.0	89.7	14.050	14.038	33.218	24.803	25.202	24.800	316.1	2.978	.0	1503.6	136.1	47.7
100.0	99.6	13.288	13.274	33.131	24.891	25.336	24.888	307.8	3.290	.0	1501.1	167.3	146.6
110.0	109.6	12.190	12.176	33.066	25.055	25.546	25.052	292.3	3.592	.0	1497.5	201.6	246.2
120.0	119.5	10.990	10.976	33.084	25.288	25.827	25.286	270.1	3.871	.0	1493.5	238.8	103.1
130.0	129.5	10.234	10.219	33.143	25.465	26.051	25.463	253.3	4.133	.0	1491.0	278.6	174.7
140.0	139.4	9.857	9.842	33.210	25.581	26.213	25.579	242.4	4.380	.0	1489.8	321.0	170.5
150.0	149.4	9.464	9.448	33.382	25.780	26.459	25.778	223.6	4.614	.0	1488.8	365.7	148.5
160.0	159.3	9.371	9.354	33.509	25.895	26.618	25.892	212.9	4.833	.0	1488.8	412.7	134.1
170.0	169.3	9.328	9.309	33.566	25.946	26.715	25.943	208.2	5.044	.0	1488.8	461.8	135.6
180.0	179.2	9.393	9.374	33.742	26.073	26.887	26.070	196.4	5.246	.0	1489.5	513.0	130.1
190.0	189.1	9.319	9.299	33.812	26.141	26.999	26.137	190.2	5.438	.0	1489.4	566.1	50.4
200.0	199.1	9.228	9.206	33.882	26.210	27.114	26.207	183.8	5.626	.0	1489.4	621.1	75.9
210.0	209.0	9.088	9.065	33.940	26.278	27.228	26.275	177.5	5.807	.0	1489.1	677.9	53.6
220.0	219.0	8.970	8.947	33.979	26.327	27.323	26.323	173.0	5.982	.0	1488.8	736.5	29.9
230.0	228.9	8.845	8.820	34.014	26.374	27.416	26.371	168.7	6.153	.0	1488.6	796.8	6.2
240.0	238.8	8.733	8.708	34.045	26.417	27.503	26.413	164.8	6.320	.0	1488.4	858.7	56.8
250.0	248.8	8.582	8.556	34.072	26.461	27.594	26.457	160.7	6.483	.0	1488.0	922.3	57.1
260.0	258.7	8.520	8.493	34.083	26.480	27.658	26.476	159.1	6.643	.0	1487.9	987.5	19.6
270.0	268.6	8.440	8.413	34.094	26.501	27.725	26.497	157.3	6.802	.0	1487.8	1054.3	15.8
280.0	278.6	8.373	8.344	34.102	26.518	27.787	26.513	155.8	6.958	.0	1487.7	1122.7	4.4
290.0	288.5	8.275	8.246	34.119	26.545	27.861	26.541	153.3	7.113	.0	1487.5	1192.5	26.9
300.0	298.4	8.207	8.176	34.126	26.562	27.923	26.557	151.9	7.266	.0	1487.5	1263.9	5.2
310.0	308.4	8.168	8.137	34.133	26.573	27.980	26.568	151.0	7.417	.0	1487.5	1336.8	32.2
320.0	318.3	8.089	8.057	34.143	26.592	28.045	26.588	149.3	7.567	.0	1487.4	1411.2	19.9
330.0	328.2	7.965	7.932	34.151	26.618	28.116	26.613	147.0	7.716	.0	1487.1	1487.1	15.5
340.0	338.2	7.917	7.883	34.159	26.631	28.175	26.626	145.9	7.862	.0	1487.0	1564.5	22.2
350.0	348.1	7.819	7.784	34.168	26.652	28.243	26.647	144.0	8.007	.0	1486.8	1643.2	21.9
360.0	358.0	7.771	7.735	34.172	26.663	28.299	26.658	143.1	8.151	.0	1486.8	1723.5	25.4
370.0	367.9	7.662	7.625	34.178	26.684	28.366	26.678	141.3	8.293	.0	1486.6	1805.1	.8
380.0	377.9	7.570	7.533	34.183	26.701	28.429	26.695	139.8	8.433	.0	1486.4	1888.1	7.8
390.0	387.8	7.497	7.459	34.192	26.718	28.492	26.713	138.2	8.573	.0	1486.3	1972.5	18.9
400.0	397.7	7.408	7.370	34.199	26.737	28.557	26.731	136.6	8.710	.0	1486.1	2058.3	9.3
410.0	407.6	7.333	7.293	34.204	26.751	28.617	26.746	135.3	8.846	.0	1486.0	2145.4	9.8
420.0	417.6	7.286	7.245	34.205	26.759	28.671	26.753	134.7	8.981	.0	1486.0	2233.9	6.3
430.0	427.5	7.227	7.186	34.212	26.772	28.730	26.767	133.5	9.115	.0	1485.9	2323.6	22.1
440.0	437.4	7.121	7.079	34.221	26.794	28.798	26.788	131.5	9.247	.0	1485.7	2414.7	22.4
450.0	447.3	7.033	6.991	34.227	26.811	28.862	26.805	130.0	9.378	.0	1485.5	2507.1	16.8
460.0	457.3	6.904	6.861	34.226	26.828	28.925	26.822	128.4	9.507	.0	1485.1	2600.8	38.8
470.0	467.2	6.804	6.760	34.239	26.852	28.996	26.846	126.2	9.634	.0	1484.9	2695.8	20.9
480.0	477.1	6.722	6.677	34.246	26.869	29.059	26.863	124.6	9.760	.0	1484.8	2792.0	13.3
490.0	487.0	6.715	6.670	34.255	26.877	29.112	26.871	124.1	9.884	.0	1484.9	2889.4	5.1
500.0	496.9	6.654	6.608	34.263	26.891	29.173	26.885	122.8	10.008	.0	1484.9	2988.1	18.9
510.0	506.9	6.554	6.508	34.268	26.908	29.237	26.902	121.2	10.130	.0	1484.6	3087.9	8.0
520.0	516.8	6.527	6.479	34.269	26.913	29.287	26.907	120.9	10.251	.0	1484.7	3189.0	34.1
530.0	526.7	6.441	6.393	34.278	26.932	29.353	26.926	119.2	10.370	.0	1484.5	3291.3	28.2
540.0	536.6	6.347	6.299	34.290	26.953	29.420	26.947	117.2	10.488	.0	1484.3	3394.7	-.2
550.0	546.5	6.312	6.262	34.294	26.961	29.474	26.955	116.5	10.605	.0	1484.4	3499.3	27.3
560.0	556.4	6.228	6.178	34.301	26.978	29.537	26.971	115.0	10.720	.0	1484.2	3605.0	5.6
570.0	566.4	6.203	6.153	34.302	26.982	29.587	26.976	114.7	10.835	.0	1484.3	3711.9	1.5
580.0	576.3	6.172	6.120	34.305	26.988	29.639	26.981	114.3	10.950	.0	1484.3	3819.9	10.3
590.0	586.2	6.096	6.044	34.310	27.002	29.699	26.995	113.0	11.063	.0	1484.2	3929.0	3.6
600.0	596.1	6.042	5.989	34.311	27.010	29.753	27.003	112.3	11.176	.0	1484.1	4039.2	4.5
610.0	606.0	5.970	5.916	34.310	27.019	29.809	27.012	111.5	11.288	.0	1484.0	4150.6	17.9
620.0	615.9	5.896	5.842	34.317	27.033	29.870	27.026	110.2	11.399	.0	1483.9	4263.0	15.9
630.0	625.8	5.842	5.787	34.322	27.044	29.927	27.037	109.2	11.509	.0	1483.8	4376.5	6.8
640.0	635.8	5.779	5.723	34.329	27.057	29.986	27.050	108.1	11.618	.0	1483.7	4491.1	8.5
650.0	645.7	5.725	5.669	34.334	27.067	30.043	27.061	107.1	11.725	.0	1483.7	4606.8	3.9
660.0	655.6	5.660	5.604	34.335	27.076	30.098	27.070	106.3	11.832	.0	1483.6	4723.5	12.0
670.0	665.5	5.524	5.467	34.334	27.093	30.162	27.086	104.7	11.938	.0	1483.2	4841.3	8.8
680.0	675.4	5.385	5.328	34.325	27.102	30.219	27.095	103.7	12.042	.0	1482.8	4960.1	23.4
690.0	685.3	5.278	5.221	34.320	27.111	30.276	27.104	102.8	12.145	.0	1482.5	5079.9	7.3
700.0	695.2	5.244	5.186	34.331	27.123	30.334	27.116	101.7	12.248	.0	1482.6	5200.8	7.3
710.0	705.1	5.262	5.203	34.342	27.130	30.387	27.123	101.2	12.349	.0	1482.8	5322.6	6.4
720.0	715.0	5.219	5.159	34.349	27.141	30.443	27.134	100.3	12.450	.0	1482.8	5445.5	13.2
730.0	724.9	5.196	5.135	34.351	27.145	30.493	27.138	100.0	12.550	.0	1482.9	5569.3	1.5
740.0	734.8	5.188	5.127	34.352	27.147	30.541	27.140	99.9	12.650	.0	1483.0	5694.1	2.9
750.0	744.7	5.181	5.119	34.354	27.149	30.589	27.142	99.8	12.750	.0	1483.2	5819.9	29.0
760.0	754.6	5.114	5.051	34.362	27.164	30.650	27.156	98.4	12.849	.0	1483.1	5946.7	6.7
770.0	764.5	5.062	4.999	34.368	27.174	30.707	27.167	97.5	12.947	.0	1483.0	6074.4	13.8
780.0	774.4	4.961	4.897	34.374	27.191	30.772	27.184	95.8	13.044	.0	1482.8	6203.1	26.9
790.0	784.3	4.896	4.832	34.371	27.196	30.823	27.188	95.4	13.139	.0	1482.7	6332.7	3.2
800.0	794.3	4.843	4.779	34.377	27.207	30.881	27.200	94.3	13.234	.0	1482.6	6463.3	13.5
810.0	804.2	4.749	4.684	34.379	27.219	30.940	27.211	93.2	13.328	.0	1482.4	6594.8	.8
820.0	814.0	4.716	4.651	34.381	27.224	30.992	27.217	92.7	13.421	.0	1482.4	6727.2	6.7
830.0	824.0	4.694	4.628	34.382	27.227	31.041	27.220	92.5	13.513	.0	1482.5	6860.6	1.1
840.0	833.8	4.669	4.603	34.384	27.232	31.091	27.225	92.1	13.606	.0	1482.6	6994.8	13.7
850.0	843.8	4.602	4.535	34.391	27.245	31.151	27.237	90.9	13.697	.0	1482.5	7129.9	2.6
860.0	853.7	4.563	4.496	34.399	27.255	31.208	27.248	89.9	13.788	.0	1482.5	7266.0	13.2
870.0	863.5	4.520	4.452	34.410	27.269	31.268	27.261	88.7	13.877	.0	1482.5	7402.9	10.8
880.0	873.5	4.490	4.421	34.412	27.274	31.319	27.266	88.2	13.965	.0	1482.5	7540.7	2.6
890.0	883.3	4.475	4.406	34.412	27.275	31.367	27.268	88.1	14.053	.0	1482.6	7679.3	2.0
900.0	893.2	4.436	4.365	34.414	27.281	31.419	27.274	87.6	14.141	.0	1482.6	7818.9	11.7
910.0	903.1	4.383	4.312	34.420	27.292	31.476	27.285	86.6	14.228	.0	1482.6	7959.2	.9
920.0	913.0	4.345	4.273	34.425	27.300	31.531	27.292	85.9	14.315	.0	1482.6	8100.5	10.8
930.0	922.9	4.298	4.226	34.429	27.309	31.586	27.301	85.1	14.400	.0	1482.6	8242.5	6.7
940.0	932.8	4.284	4.212	34.429	27.310	31.633	27.302	85.0	14.485	.0	1482.7	8385.4	1.2
950.0	942.7	4.229	4.156	34.433	27.319	31.689	27.312	84.1	14.570	.0	1482.6	8529.2	5.8
960.0	952.6	4.190	4.117	34.442	27.330	31.746	27.322	83.1	14.653	.0	1482.6	8673.7	17.0
970.0	962.5	4.191	4.116	34.442	27.330	31.792	27.322	83.2	14.737	.0	1482.8	8819.1	.3
980.0	972.4	4.185	4.109	34.443	27.332	31.840	27.324	83.1	14.820	.0	1482.9	8965.3	4.1
990.0	982.3	4.142	4.066	34.449	27.341	31.895	27.333	82.2	14.902	.0	1482.9	9112.3	-2.3

Station 120 Latitude 31° 59.87'N Longitude 126° 40.02'W 08 May 1991 GMT 3:40 Bottom 4165 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta $10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 $10^6/s^2$
1000.0	992.2	4.103	4.027	34.452	27.348	31.948	27.340	81.6	14.984	.0	1482.9	9260.1	6.7
1020.0	1012.0	4.039	3.962	34.458	27.359	32.052	27.351	80.6	15.147	.0	1483.0	9558.1	15.5
1040.0	1031.7	3.911	3.833	34.470	27.382	32.170	27.374	78.3	15.305	.0	1482.8	9859.3	-.6
1060.0	1051.5	3.825	3.746	34.476	27.396	32.276	27.388	77.0	15.461	.0	1482.8	10163.5	1.5
1080.0	1071.3	3.802	3.721	34.478	27.399	32.372	27.391	76.8	15.615	.0	1483.0	10470.8	5.6
1100.0	1091.1	3.775	3.693	34.481	27.404	32.468	27.396	76.4	15.768	.0	1483.2	10781.1	2.7
1120.0	1110.8	3.754	3.671	34.482	27.408	32.564	27.399	76.2	15.920	.0	1483.5	11094.3	6.5
1140.0	1130.6	3.714	3.629	34.486	27.415	32.663	27.406	75.6	16.072	.0	1483.7	11410.5	1.5
1160.0	1150.4	3.690	3.603	34.488	27.419	32.759	27.411	75.3	16.223	.0	1483.9	11729.7	3.0
1180.0	1170.1	3.598	3.511	34.498	27.436	32.869	27.427	73.7	16.372	.0	1483.8	12051.8	-1.4
1200.0	1189.9	3.581	3.493	34.499	27.438	32.963	27.430	73.6	16.519	.0	1484.1	12376.9	3.0
1220.0	1209.7	3.480	3.390	34.508	27.456	33.075	27.447	71.8	16.664	.0	1484.0	12704.7	-.5
1240.0	1229.4	3.430	3.339	34.513	27.465	33.176	27.456	71.0	16.808	.0	1484.1	13035.4	8.9
1260.0	1249.2	3.384	3.292	34.516	27.472	33.275	27.463	70.4	16.949	.0	1484.3	13368.9	13.6
1280.0	1268.9	3.327	3.234	34.520	27.480	33.377	27.472	69.5	17.089	.0	1484.4	13705.1	1.5
1300.0	1288.7	3.291	3.197	34.522	27.486	33.474	27.477	69.1	17.228	.0	1484.6	14044.0	-4.9
1320.0	1308.4	3.276	3.180	34.526	27.490	33.569	27.481	68.8	17.366	.0	1484.8	14385.7	3.6
1340.0	1328.2	3.220	3.123	34.529	27.498	33.670	27.489	68.0	17.503	.0	1484.9	14730.0	3.3
1360.0	1347.9	3.176	3.078	34.533	27.505	33.770	27.496	67.3	17.638	.0	1485.1	15076.9	4.5
1380.0	1367.7	3.097	2.998	34.540	27.518	33.876	27.509	66.0	17.772	.0	1485.1	15426.5	13.0
1400.0	1387.4	3.065	2.965	34.541	27.522	33.972	27.513	65.7	17.903	.0	1485.3	15778.7	1.6
1420.0	1407.2	3.023	2.922	34.545	27.529	34.071	27.520	65.0	18.034	.0	1485.4	16133.4	-.4
1440.0	1426.9	2.990	2.887	34.548	27.534	34.169	27.525	64.5	18.163	.0	1485.6	16490.6	-2.2
1460.0	1446.6	2.973	2.869	34.548	27.536	34.262	27.527	64.4	18.292	.0	1485.9	16850.4	7.5
1480.0	1466.4	2.895	2.790	34.555	27.549	34.368	27.540	63.1	18.420	.0	1485.9	17212.7	1.1
1500.0	1486.1	2.867	2.760	34.557	27.553	34.465	27.544	62.7	18.545	.0	1486.1	17577.4	9.9
1520.0	1505.8	2.846	2.738	34.559	27.557	34.559	27.547	62.5	18.670	.0	1486.4	17944.5	-.4
1540.0	1525.6	2.802	2.693	34.564	27.565	34.659	27.555	61.7	18.794	.0	1486.5	18314.1	.2
1560.0	1545.3	2.771	2.661	34.566	27.569	34.756	27.559	61.3	18.917	.0	1486.7	18686.1	5.2
1580.0	1565.0	2.739	2.628	34.568	27.573	34.852	27.564	60.9	19.039	.0	1486.9	19060.4	3.2
1600.0	1584.7	2.700	2.587	34.571	27.580	34.950	27.570	60.3	19.161	.0	1487.1	19437.2	6.4
1620.0	1604.5	2.646	2.533	34.574	27.587	35.050	27.577	59.6	19.281	.0	1487.2	19816.2	11.7
1640.0	1624.2	2.615	2.500	34.577	27.592	35.147	27.582	59.1	19.399	.0	1487.4	20197.6	4.4
1660.0	1643.9	2.566	2.450	34.581	27.599	35.247	27.589	58.3	19.517	.0	1487.5	20581.3	-1.2
1680.0	1663.6	2.509	2.392	34.584	27.606	35.347	27.596	57.5	19.633	.0	1487.6	20967.2	1.2
1700.0	1683.3	2.476	2.358	34.585	27.610	35.443	27.600	57.1	19.747	.0	1487.8	21355.4	.6
1720.0	1703.0	2.434	2.315	34.588	27.616	35.542	27.606	56.5	19.861	.0	1488.0	21745.7	2.9
1740.0	1722.8	2.409	2.289	34.589	27.619	35.637	27.609	56.2	19.974	.0	1488.2	22138.3	2.6
1760.0	1742.5	2.366	2.244	34.593	27.626	35.735	27.616	55.5	20.086	.0	1488.3	22533.0	1.8
1780.0	1762.2	2.335	2.212	34.595	27.630	35.831	27.620	55.1	20.196	.0	1488.5	22929.9	2.4
1800.0	1781.9	2.321	2.197	34.596	27.632	35.925	27.622	55.0	20.306	.0	1488.8	23329.0	4.4
1820.0	1801.6	2.297	2.171	34.599	27.637	36.021	27.626	54.5	20.416	.0	1489.0	23730.1	2.1
1840.0	1821.3	2.286	2.159	34.600	27.638	36.113	27.628	54.5	20.525	.0	1489.3	24133.4	1.3
1860.0	1841.0	2.249	2.121	34.605	27.645	36.212	27.635	53.7	20.633	.0	1489.5	24538.8	-.5
1880.0	1860.7	2.246	2.116	34.605	27.646	36.303	27.635	53.8	20.741	.0	1489.8	24946.2	-1.4
1900.0	1880.4	2.236	2.104	34.606	27.648	36.395	27.637	53.7	20.848	.0	1490.1	25355.7	.4
1920.0	1900.1	2.210	2.076	34.608	27.652	36.491	27.641	53.3	20.955	.0	1490.3	25767.3	2.8
1940.0	1919.7	2.188	2.053	34.611	27.656	36.586	27.645	52.9	21.061	.0	1490.6	26181.0	2.5
1960.0	1939.4	2.175	2.039	34.612	27.658	36.679	27.647	52.7	21.167	.0	1490.9	26596.7	1.6
1980.0	1959.1	2.141	2.004	34.615	27.663	36.776	27.652	52.2	21.271	.0	1491.1	27014.5	.2
2000.0	1978.8	2.135	1.997	34.616	27.665	36.868	27.654	52.1	21.376	.0	1491.4	27434.2	1.1
2050.0	2028.0	2.079	1.937	34.621	27.673	37.104	27.662	51.3	21.635	.0	1492.0	28492.4	3.7
2098.0	2075.2	2.033	1.888	34.625	27.680	37.330	27.669	50.6	21.879	.0	1492.6	29519.9	.0

Station 121 Latitude 32° 13.31'N Longitude 126° 32.32'W 08 May 1991 GMT 6:28 Bottom 3730 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.340	15.340	33.153	24.475	24.475	24.475	344.8	.000	.0	1506.2	.0	.0
10.0	10.0	15.340	15.338	33.173	24.490	24.535	24.490	343.6	.344	.0	1506.4	1.7	-.7
20.0	19.9	15.343	15.340	33.173	24.491	24.579	24.490	343.9	.688	.0	1506.6	6.9	-1.3
30.0	29.9	15.310	15.305	33.172	24.497	24.629	24.496	343.6	1.032	.0	1506.6	15.4	24.5
40.0	39.9	14.653	14.647	33.139	24.614	24.791	24.613	332.7	1.371	.0	1504.6	27.4	98.2
50.0	49.8	14.297	14.290	33.132	24.684	24.906	24.683	326.3	1.701	.0	1503.6	42.7	38.7
60.0	59.8	14.123	14.115	33.122	24.713	24.979	24.711	323.8	2.025	.0	1503.2	61.3	7.3
70.0	69.7	13.990	13.980	33.110	24.731	25.042	24.729	322.3	2.348	.0	1502.9	83.1	15.2
80.0	79.7	13.926	13.914	33.110	24.745	25.100	24.743	321.3	2.670	.0	1502.9	108.0	8.2
90.0	89.7	13.863	13.850	33.110	24.758	25.158	24.756	320.3	2.991	.0	1502.8	136.2	23.4
100.0	99.6	13.378	13.364	33.145	24.885	25.329	24.882	308.5	3.307	.0	1501.4	167.6	280.4
110.0	109.6	12.187	12.173	33.094	25.077	25.569	25.074	290.2	3.606	.0	1497.5	202.0	209.0
120.0	119.5	10.899	10.884	33.100	25.317	25.856	25.315	267.3	3.883	.0	1493.2	239.3	60.3
130.0	129.5	10.290	10.275	33.175	25.481	26.067	25.478	251.8	4.144	.0	1491.2	279.3	50.0
140.0	139.4	10.038	10.022	33.203	25.546	26.177	25.543	245.8	4.392	.0	1490.5	321.7	136.3
150.0	149.4	9.728	9.711	33.250	25.634	26.311	25.631	237.6	4.633	.0	1489.6	366.6	45.5
160.0	159.3	9.360	9.342	33.373	25.790	26.513	25.787	222.9	4.865	.0	1488.5	413.9	144.4
170.0	169.3	9.503	9.485	33.476	25.848	26.616	25.845	217.6	5.086	.0	1489.4	463.4	66.3
180.0	179.2	9.439	9.419	33.594	25.951	26.764	25.948	208.0	5.299	.0	1489.4	515.0	97.0
190.0	189.1	9.385	9.364	33.662	26.013	26.872	26.010	202.3	5.504	.0	1489.5	568.7	79.7
200.0	199.1	9.282	9.260	33.799	26.136	27.040	26.133	190.8	5.702	.0	1489.5	624.4	148.3
210.0	209.0	9.216	9.193	33.860	26.195	27.144	26.191	185.5	5.890	.0	1489.4	682.0	84.4
220.0	219.0	9.116	9.092	33.908	26.249	27.243	26.245	180.5	6.073	.0	1489.3	741.5	66.0
230.0	228.9	9.017	8.992	33.941	26.290	27.331	26.287	176.7	6.251	.0	1489.1	802.7	46.0
240.0	238.8	8.919	8.894	33.969	26.328	27.414	26.324	173.3	6.426	.0	1489.0	865.7	8.6
250.0	248.8	8.778	8.751	34.004	26.378	27.510	26.374	168.7	6.596	.0	1488.6	930.4	39.0
260.0	258.7	8.661	8.634	34.032	26.418	27.596	26.414	165.0	6.764	.0	1488.4	996.8	36.3
270.0	268.6	8.441	8.413	34.039	26.457	27.681	26.453	161.4	6.927	.0	1487.7	1064.8	32.5
280.0	278.6	8.422	8.393	34.063	26.479	27.748	26.475	159.5	7.087	.0	1487.9	1134.4	19.6
290.0	288.5	8.236	8.206	34.070	26.513	27.829	26.509	156.3	7.245	.0	1487.3	1205.6	43.6
300.0	298.4	7.825	7.795	34.033	26.545	27.909	26.541	153.3	7.400	.0	1485.9	1278.3	39.1
310.0	308.4	7.732	7.701	34.040	26.564	27.974	26.559	151.6	7.552	.0	1485.7	1352.5	23.3
320.0	318.3	7.571	7.540	34.049	26.594	28.051	26.590	148.7	7.703	.0	1485.2	1428.3	29.7
330.0	328.2	7.474	7.443	34.054	26.612	28.115	26.608	147.2	7.851	.0	1485.0	1505.5	38.2
340.0	338.2	7.363	7.330	34.073	26.643	28.192	26.639	144.3	7.997	.0	1484.8	1584.2	22.1
350.0	348.1	7.292	7.258	34.082	26.660	28.255	26.655	142.8	8.141	.0	1484.7	1664.3	8.3
360.0	358.0	7.195	7.161	34.092	26.682	28.323	26.677	140.9	8.283	.0	1484.5	1745.8	22.3
370.0	368.0	7.105	7.070	34.101	26.701	28.388	26.696	139.1	8.422	.0	1484.3	1828.7	15.0
380.0	377.9	7.043	7.008	34.112	26.718	28.452	26.714	137.6	8.561	.0	1484.2	1913.0	10.6
390.0	387.8	6.953	6.917	34.112	26.731	28.510	26.726	136.5	8.698	.0	1484.1	1998.7	22.0
400.0	397.7	6.756	6.720	34.102	26.749	28.576	26.744	134.8	8.833	.0	1483.4	2085.7	17.9
410.0	407.6	6.622	6.585	34.096	26.763	28.636	26.758	133.5	8.968	.0	1483.0	2174.0	21.1
420.0	417.6	6.636	6.598	34.123	26.782	28.701	26.777	131.8	9.100	.0	1483.3	2263.7	5.6
430.0	427.5	6.457	6.419	34.115	26.800	28.766	26.795	130.1	9.231	.0	1482.7	2354.6	20.8
440.0	437.4	6.405	6.366	34.132	26.820	28.833	26.815	128.3	9.361	.0	1482.7	2446.9	20.8
450.0	447.3	6.355	6.315	34.141	26.834	28.892	26.829	127.1	9.488	.0	1482.7	2540.4	17.3
460.0	457.3	6.244	6.203	34.146	26.852	28.957	26.847	125.4	9.614	.0	1482.4	2635.1	7.0
470.0	467.2	6.199	6.158	34.151	26.862	29.013	26.856	124.6	9.739	.0	1482.4	2731.1	5.2
480.0	477.1	6.170	6.128	34.159	26.872	29.069	26.867	123.7	9.864	.0	1482.5	2828.4	11.4
490.0	487.0	6.168	6.125	34.175	26.885	29.127	26.879	122.7	9.987	.0	1482.7	2926.8	16.1
500.0	496.9	6.202	6.158	34.191	26.894	29.181	26.888	122.0	10.109	.0	1483.0	3026.5	28.7
510.0	506.9	6.062	6.017	34.192	26.912	29.247	26.906	120.3	10.230	.0	1482.6	3127.4	5.8
520.0	516.8	5.946	5.901	34.190	26.925	29.307	26.920	119.0	10.350	.0	1482.3	3229.4	24.6
530.0	526.7	5.903	5.857	34.198	26.937	29.365	26.931	118.0	10.468	.0	1482.3	3332.6	16.9
540.0	536.6	5.873	5.827	34.204	26.946	29.419	26.940	117.3	10.586	.0	1482.3	3437.0	3.2
550.0	546.5	5.870	5.823	34.218	26.957	29.476	26.951	116.4	10.703	.0	1482.5	3542.6	7.3
560.0	556.4	5.820	5.772	34.230	26.973	29.538	26.967	114.9	10.818	.0	1482.5	3649.3	11.4
570.0	566.4	5.775	5.726	34.247	26.992	29.603	26.986	113.2	10.932	.0	1482.5	3757.1	6.1
580.0	576.3	5.751	5.701	34.252	26.999	29.656	26.993	112.6	11.045	.0	1482.5	3866.0	15.8
590.0	586.2	5.624	5.574	34.253	27.015	29.720	27.009	111.1	11.157	.0	1482.2	3976.1	15.2
600.0	596.1	5.392	5.342	34.233	27.028	29.781	27.022	109.7	11.267	.0	1481.4	4087.2	13.1
610.0	606.0	5.335	5.285	34.238	27.038	29.838	27.032	108.7	11.376	.0	1481.3	4199.5	13.1
620.0	615.9	5.308	5.257	34.244	27.046	29.892	27.040	108.1	11.485	.0	1481.4	4312.8	2.8
630.0	625.8	5.285	5.233	34.256	27.058	29.950	27.052	107.0	11.592	.0	1481.5	4427.1	7.2
640.0	635.7	5.243	5.190	34.267	27.072	30.010	27.066	105.8	11.699	.0	1481.5	4542.5	25.4
650.0	645.7	5.239	5.185	34.281	27.084	30.068	27.078	104.8	11.804	.0	1481.7	4659.0	7.2
660.0	655.6	5.205	5.151	34.295	27.099	30.129	27.093	103.4	11.908	.0	1481.7	4776.5	15.2
670.0	665.5	5.198	5.143	34.307	27.110	30.185	27.103	102.6	12.011	.0	1481.8	4895.0	14.0
680.0	675.4	5.169	5.113	34.316	27.120	30.242	27.114	101.6	12.113	.0	1481.9	5014.5	8.4
690.0	685.3	5.115	5.058	34.320	27.130	30.298	27.123	100.8	12.215	.0	1481.9	5135.0	9.6
700.0	695.2	5.020	4.964	34.323	27.142	30.358	27.136	99.5	12.315	.0	1481.6	5256.5	14.3
710.0	705.1	4.973	4.916	34.324	27.149	30.411	27.143	99.0	12.415	.0	1481.6	5379.0	11.9
720.0	715.0	4.951	4.892	34.326	27.153	30.461	27.146	98.7	12.514	.0	1481.7	5502.5	7.2
730.0	724.9	4.907	4.848	34.330	27.161	30.515	27.155	97.9	12.612	.0	1481.7	5627.0	14.9
740.0	734.8	4.928	4.868	34.347	27.172	30.571	27.166	97.0	12.709	.0	1481.9	5752.4	7.0
750.0	744.7	4.872	4.812	34.349	27.181	30.626	27.174	96.3	12.806	.0	1481.9	5878.7	2.6
760.0	754.6	4.808	4.747	34.350	27.189	30.681	27.182	95.5	12.902	.0	1481.8	6006.0	13.7
770.0	764.5	4.746	4.685	34.356	27.201	30.740	27.194	94.4	12.996	.0	1481.7	6134.3	10.2
780.0	774.4	4.704	4.642	34.369	27.216	30.801	27.209	93.0	13.090	.0	1481.7	6263.4	12.8
790.0	784.3	4.681	4.618	34.374	27.222	30.853	27.215	92.5	13.183	.0	1481.8	6393.5	3.2
800.0	794.2	4.666	4.602	34.375	27.225	30.902	27.218	92.3	13.275	.0	1481.9	6524.5	2.3
810.0	804.1	4.629	4.565	34.383	27.236	30.959	27.228	91.3	13.368	.0	1481.9	6656.4	20.7
820.0	814.0	4.594	4.529	34.392	27.246	31.016	27.239	90.4	13.458	.0	1481.9	6789.2	11.1
830.0	823.9	4.567	4.502	34.397	27.253	31.069	27.246	89.8	13.549	.0	1482.0	6922.9	5.8
840.0	833.8	4.557	4.491	34.400	27.257	31.119	27.250	89.5	13.638	.0	1482.1	7057.4	7.9
850.0	843.7	4.519	4.453	34.406	27.265	31.174	27.258	88.7	13.727	.0	1482.1	7192.9	6.4
860.0	853.6	4.463	4.396	34.410	27.275	31.230	27.268	87.8	13.816	.0	1482.1	7329.2	7.6
870.0	863.5	4.442	4.374	34.412	27.279	31.280	27.272	87.5	13.903	.0	1482.2	7466.4	10.5
880.0	873.4	4.439	4.370	34.414	27.281	31.327	27.273	87.5	13.991	.0	1482.3	7604.4	1.4
890.0	883.3	4.411	4.341	34.416	27.286	31.378	27.278	87.1	14.078	.0	1482.4	7743.3	1.7
900.0	893.2	4.397	4.327	34.417	27.288	31.426	27.280	86.9	14.165	.0	1482.5	7883.1	14.9
910.0	903.1	4.330	4.260	34.420	27.297	31.483	27.290	86.0	14.251	.0	1482.4	8023.7	2.6
920.0	913.0	4.276	4.205	34.422	27.305	31.537	27.298	85.2	14.337	.0	1482.3	8165.1	7.3
930.0	922.9	4.267	4.195	34.430	27.312	31.590	27.304	84.7	14.422	.0	1482.4	8307.4	6.7
940.0	932.8	4.269	4.196	34.439	27.319	31.643	27.312	84.1	14.506	.0	1482.6	8450.5	10.2
950.0	942.7	4.234	4.161	34.443	27.326	31.696	27.318	83.5	14.590	.0	1482.6	8594.4	11.7
960.0	952.6	4.201	4.127	34.443	27.330	31.746	27.322	83.1	14.673	.0	1482.7	8739.2	2.9
970.0	962.5	4.129	4.055	34.442	27.336	31.800	27.329	82.5	14.756	.0	1482.5	8884.8	2.6
980.0	972.4	4.092	4.017	34.446	27.344	31.854	27.336	81.8	14.838	.0	1482.5	9031.1	7.9
990.0	982.3	4.054	3.979	34.451	27.352	31.908	27.344	81.0	14.920	.0	1482.6	9178.3	7.0

Station 121 Latitude 32° 13.31'N Longitude 126° 32.32'W 08 May 1991 GMT 6:28 Bottom 3730 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.2	4.026	3.950	34.453	27.356	31.959	27.348	80.6	15.000	.0	1482.6	9326.3	7.9
1020.0	1011.9	3.979	3.902	34.459	27.366	32.061	27.358	79.8	15.161	.0	1482.8	9624.6	9.4
1040.0	1031.7	3.912	3.834	34.470	27.382	32.169	27.374	78.4	15.319	.0	1482.8	9926.0	7.6
1060.0	1051.5	3.834	3.754	34.474	27.393	32.274	27.385	77.3	15.475	.0	1482.8	10230.5	7.6
1080.0	1071.3	3.787	3.707	34.481	27.404	32.376	27.395	76.4	15.629	.0	1483.0	10538.1	8.8
1100.0	1091.0	3.736	3.654	34.486	27.413	32.478	27.405	75.5	15.781	.0	1483.1	10848.6	9.7
1120.0	1110.8	3.674	3.591	34.491	27.423	32.581	27.415	74.6	15.931	.0	1483.2	11162.1	9.1
1140.0	1130.6	3.627	3.543	34.497	27.432	32.683	27.424	73.8	16.079	.0	1483.3	11478.5	5.3
1160.0	1150.3	3.562	3.477	34.501	27.442	32.785	27.433	72.9	16.225	.0	1483.4	11797.7	11.4
1180.0	1170.1	3.522	3.436	34.504	27.448	32.883	27.439	72.3	16.370	.0	1483.5	12119.9	2.1
1200.0	1189.9	3.477	3.389	34.508	27.456	32.984	27.448	71.6	16.514	.0	1483.7	12444.8	3.6
1220.0	1209.6	3.417	3.328	34.515	27.468	33.088	27.459	70.5	16.656	.0	1483.8	12772.5	4.1
1240.0	1229.4	3.372	3.281	34.518	27.474	33.187	27.466	69.9	16.797	.0	1483.9	13103.0	4.7
1260.0	1249.2	3.315	3.224	34.523	27.483	33.289	27.475	69.0	16.935	.0	1484.0	13436.2	1.5
1280.0	1268.9	3.255	3.163	34.527	27.492	33.391	27.483	68.2	17.073	.0	1484.1	13772.1	2.1
1300.0	1288.7	3.218	3.125	34.530	27.499	33.489	27.490	67.6	17.208	.0	1484.3	14110.7	-.2
1320.0	1308.4	3.188	3.093	34.533	27.503	33.586	27.495	67.2	17.344	.0	1484.5	14451.9	4.2
1340.0	1328.2	3.156	3.059	34.536	27.510	33.684	27.501	66.7	17.478	.0	1484.7	14795.7	7.1
1360.0	1347.9	3.102	3.005	34.540	27.517	33.784	27.508	65.9	17.610	.0	1484.8	15142.2	3.6
1380.0	1367.7	3.057	2.959	34.542	27.524	33.883	27.515	65.3	17.741	.0	1484.9	15491.2	.7
1400.0	1387.4	3.031	2.931	34.544	27.528	33.979	27.519	65.0	17.872	.0	1485.1	15842.7	1.3
1420.0	1407.1	2.995	2.894	34.547	27.533	34.076	27.524	64.5	18.001	.0	1485.3	16196.8	1.3
1440.0	1426.9	2.966	2.864	34.549	27.538	34.173	27.529	64.1	18.130	.0	1485.5	16553.4	2.2
1460.0	1446.6	2.918	2.814	34.551	27.544	34.272	27.534	63.5	18.257	.0	1485.7	16912.5	4.6
1480.0	1466.3	2.872	2.767	34.555	27.551	34.371	27.542	62.8	18.384	.0	1485.8	17274.0	3.1
1500.0	1486.1	2.839	2.733	34.557	27.555	34.468	27.546	62.4	18.509	.0	1486.0	17638.0	4.9
1520.0	1505.8	2.816	2.709	34.559	27.559	34.563	27.549	62.2	18.634	.0	1486.2	18004.5	2.5
1540.0	1525.5	2.787	2.678	34.561	27.564	34.660	27.554	61.7	18.758	.0	1486.4	18373.3	4.9
1560.0	1545.3	2.754	2.644	34.564	27.569	34.757	27.559	61.2	18.881	.0	1486.6	18744.5	4.3
1580.0	1565.0	2.720	2.609	34.567	27.574	34.854	27.564	60.8	19.003	.0	1486.8	19118.2	4.3
1600.0	1584.7	2.684	2.571	34.569	27.579	34.951	27.569	60.3	19.124	.0	1487.0	19494.2	2.0
1620.0	1604.4	2.644	2.530	34.570	27.584	35.048	27.574	59.8	19.244	.0	1487.2	19872.5	2.0
1640.0	1624.2	2.616	2.501	34.572	27.588	35.144	27.578	59.4	19.363	.0	1487.4	20253.1	4.4
1660.0	1643.9	2.590	2.473	34.575	27.592	35.239	27.582	59.0	19.482	.0	1487.6	20636.1	4.7
1680.0	1663.6	2.546	2.428	34.579	27.600	35.339	27.590	58.3	19.599	.0	1487.8	21021.3	3.5
1700.0	1683.3	2.514	2.395	34.582	27.604	35.436	27.594	57.8	19.715	.0	1488.0	21408.9	5.6
1720.0	1703.0	2.481	2.361	34.584	27.609	35.533	27.599	57.3	19.831	.0	1488.2	21798.6	4.7
1740.0	1722.7	2.453	2.331	34.586	27.613	35.628	27.603	57.0	19.945	.0	1488.4	22190.6	-2.9
1760.0	1742.4	2.415	2.293	34.590	27.620	35.727	27.609	56.4	20.058	.0	1488.5	22584.8	2.1
1780.0	1762.1	2.386	2.262	34.593	27.624	35.823	27.614	55.9	20.171	.0	1488.7	22981.1	2.1
1800.0	1781.8	2.366	2.241	34.595	27.628	35.918	27.617	55.6	20.282	.0	1489.0	23379.7	2.7
1820.0	1801.5	2.328	2.202	34.596	27.632	36.014	27.622	55.1	20.393	.0	1489.2	23780.4	.9
1840.0	1821.2	2.307	2.180	34.598	27.636	36.109	27.625	54.8	20.503	.0	1489.4	24183.2	2.7
1860.0	1840.9	2.286	2.157	34.601	27.639	36.204	27.629	54.5	20.612	.0	1489.7	24588.1	2.1
1880.0	1860.6	2.264	2.133	34.603	27.643	36.299	27.632	54.1	20.721	.0	1489.9	24995.2	-1.9
1900.0	1880.3	2.235	2.103	34.606	27.648	36.396	27.637	53.7	20.828	.0	1490.1	25404.3	2.8
1920.0	1900.0	2.213	2.080	34.608	27.652	36.491	27.641	53.3	20.935	.0	1490.4	25815.5	.7
1940.0	1919.7	2.194	2.060	34.610	27.654	36.585	27.644	53.1	21.042	.0	1490.6	26228.8	.2
1960.0	1939.4	2.176	2.040	34.612	27.658	36.679	27.647	52.8	21.148	.0	1490.9	26644.1	-.4
1980.0	1959.1	2.165	2.028	34.613	27.659	36.771	27.648	52.7	21.253	.0	1491.2	27061.5	.2
2000.0	1978.8	2.145	2.006	34.615	27.663	36.866	27.651	52.4	21.358	.0	1491.4	27480.9	-.1
2050.0	2028.0	2.096	1.954	34.619	27.670	37.101	27.659	51.7	21.618	.0	1492.0	28538.2	1.1
2096.0	2073.2	2.065	1.919	34.623	27.676	37.315	27.664	51.2	21.855	.0	1492.7	29521.9	.0

Station 122 Latitude 32° 27.47'N Longitude 126° 25.47'W 09 May 1991 GMT 9:32 Bottom 4410 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.454	15.454	33.338	24.592	24.592	24.592	333.6	.000	.0	1506.8	.0	.0
10.0	10.0	15.464	15.462	33.345	24.596	24.640	24.596	333.6	.334	.0	1507.0	1.7	.2
20.0	19.9	15.459	15.456	33.343	24.596	24.684	24.595	333.9	.667	.0	1507.1	6.6	32.1
30.0	29.9	15.039	15.035	33.309	24.662	24.794	24.661	327.9	.998	.0	1505.9	14.9	18.0
40.0	39.8	14.995	14.989	33.365	24.715	24.891	24.713	323.2	1.323	.0	1506.0	26.5	27.4
50.0	49.8	14.922	14.915	33.395	24.754	24.975	24.752	319.7	1.645	.0	1506.0	41.3	59.9
60.0	59.8	14.672	14.663	33.379	24.796	25.061	24.794	316.0	1.962	.0	1505.3	59.3	32.0
70.0	69.7	14.811	14.800	33.457	24.826	25.135	24.824	313.4	2.276	.0	1506.0	80.4	28.0
80.0	79.7	14.909	14.897	33.525	24.858	25.211	24.855	310.7	2.588	.0	1506.6	104.6	30.6
90.0	89.7	15.080	15.067	33.611	24.887	25.284	24.884	308.3	2.898	.0	1507.4	131.9	15.5
100.0	99.6	14.983	14.969	33.621	24.916	25.357	24.913	305.8	3.205	.0	1507.3	162.3	83.4
110.0	109.6	13.346	13.331	33.486	25.155	25.643	25.152	283.1	3.501	.0	1501.9	195.7	265.2
120.0	119.5	11.708	11.693	33.377	25.387	25.924	25.384	260.9	3.775	.0	1496.4	231.9	277.5
130.0	129.5	10.321	10.306	33.313	25.583	26.169	25.581	242.1	4.027	.0	1491.5	270.7	100.6
140.0	139.4	10.173	10.157	33.393	25.671	26.302	25.669	233.9	4.266	.0	1491.2	312.0	141.0
150.0	149.4	9.601	9.584	33.377	25.754	26.432	25.751	226.1	4.494	.0	1489.3	355.6	36.4
160.0	159.3	9.494	9.477	33.417	25.803	26.526	25.800	221.6	4.718	.0	1489.1	401.4	90.8
170.0	169.2	9.355	9.337	33.468	25.865	26.634	25.862	215.9	4.936	.0	1488.8	449.4	30.5
180.0	179.2	9.111	9.092	33.582	25.993	26.808	25.990	203.8	5.147	.0	1488.2	499.5	101.0
190.0	189.1	9.023	9.002	33.680	26.084	26.945	26.081	195.4	5.346	.0	1488.2	551.7	44.2
200.0	199.1	8.988	8.966	33.763	26.155	27.060	26.152	188.9	5.539	.0	1488.3	605.8	70.3
210.0	209.0	8.957	8.935	33.821	26.205	27.156	26.202	184.3	5.726	.0	1488.4	661.8	38.7
220.0	218.9	8.918	8.895	33.875	26.254	27.250	26.250	179.9	5.908	.0	1488.5	719.6	27.9
230.0	228.9	8.808	8.783	33.909	26.298	27.340	26.294	175.9	6.086	.0	1488.3	779.2	41.3
240.0	238.8	8.642	8.617	33.960	26.364	27.452	26.360	169.7	6.258	.0	1487.9	840.5	19.0
250.0	248.8	8.584	8.558	33.972	26.382	27.515	26.378	168.2	6.427	.0	1487.9	903.5	29.9
260.0	258.7	8.470	8.443	33.999	26.421	27.600	26.417	164.6	6.593	.0	1487.6	968.2	10.2
270.0	268.6	8.300	8.272	34.016	26.460	27.685	26.456	161.0	6.756	.0	1487.2	1034.5	12.3
280.0	278.6	8.166	8.138	34.028	26.490	27.761	26.486	158.3	6.916	.0	1486.8	1102.4	23.7
290.0	288.5	8.016	7.987	34.025	26.510	27.828	26.506	156.4	7.073	.0	1486.4	1171.9	33.0
300.0	298.4	7.920	7.890	34.035	26.532	27.896	26.528	154.5	7.228	.0	1486.2	1242.9	15.1
310.0	308.4	7.674	7.643	34.025	26.560	27.971	26.556	151.9	7.382	.0	1485.4	1315.5	20.4
320.0	318.3	7.581	7.550	34.037	26.583	28.040	26.579	149.8	7.532	.0	1485.3	1389.5	23.6
330.0	328.2	7.374	7.343	34.025	26.603	28.106	26.598	148.0	7.681	.0	1484.6	1465.1	17.7
340.0	338.1	7.178	7.146	34.017	26.625	28.175	26.620	145.9	7.829	.0	1484.0	1542.1	22.3
350.0	348.1	7.051	7.018	34.026	26.649	28.246	26.644	143.7	7.973	.0	1483.7	1620.5	12.6
360.0	358.0	6.942	6.909	34.029	26.667	28.310	26.662	142.0	8.116	.0	1483.4	1700.4	15.3
370.0	367.9	6.884	6.850	34.036	26.680	28.369	26.675	140.9	8.258	.0	1483.4	1781.6	20.5
380.0	377.9	6.755	6.720	34.040	26.701	28.437	26.696	139.0	8.398	.0	1483.0	1864.3	16.4
390.0	387.8	6.761	6.725	34.057	26.713	28.495	26.709	138.0	8.536	.0	1483.2	1948.3	31.6
400.0	397.7	6.663	6.626	34.069	26.736	28.564	26.731	135.9	8.673	.0	1483.0	2033.7	13.5
410.0	407.6	6.732	6.695	34.099	26.751	28.623	26.746	134.7	8.808	.0	1483.5	2120.5	20.8
420.0	417.5	6.691	6.653	34.111	26.765	28.684	26.760	133.5	8.942	.0	1483.5	2208.6	6.2
430.0	427.5	6.614	6.575	34.110	26.775	28.740	26.770	132.6	9.075	.0	1483.4	2298.0	16.4
440.0	437.4	6.503	6.463	34.114	26.793	28.804	26.788	131.0	9.207	.0	1483.1	2388.7	14.7
450.0	447.3	6.387	6.346	34.126	26.817	28.875	26.812	128.7	9.337	.0	1482.8	2480.7	18.4
460.0	457.2	6.333	6.292	34.128	26.827	28.931	26.821	127.9	9.465	.0	1482.8	2573.9	18.1
470.0	467.2	6.255	6.214	34.134	26.841	28.992	26.836	126.6	9.593	.0	1482.6	2668.5	24.9
480.0	477.1	6.137	6.095	34.139	26.861	29.058	26.855	124.8	9.719	.0	1482.3	2764.3	20.5
490.0	487.0	6.041	5.998	34.140	26.873	29.117	26.868	123.6	9.843	.0	1482.1	2861.3	20.2
500.0	496.9	5.932	5.889	34.149	26.895	29.185	26.889	121.6	9.965	.0	1481.8	2959.5	12.5
510.0	506.8	5.906	5.862	34.156	26.903	29.240	26.897	120.9	10.087	.0	1481.9	3059.0	12.2
520.0	516.8	5.858	5.814	34.167	26.918	29.300	26.912	119.6	10.207	.0	1481.9	3159.6	11.4
530.0	526.7	5.787	5.742	34.170	26.929	29.358	26.924	118.6	10.326	.0	1481.8	3261.4	4.6
540.0	536.6	5.750	5.704	34.177	26.939	29.414	26.934	117.7	10.444	.0	1481.8	3364.4	8.4
550.0	546.5	5.670	5.623	34.185	26.955	29.477	26.949	116.3	10.561	.0	1481.6	3468.5	4.9
560.0	556.4	5.615	5.568	34.196	26.971	29.539	26.965	114.8	10.677	.0	1481.6	3573.8	24.2
570.0	566.3	5.570	5.522	34.201	26.981	29.595	26.975	114.0	10.791	.0	1481.6	3680.2	11.0
580.0	576.3	5.486	5.437	34.210	26.998	29.659	26.992	112.4	10.904	.0	1481.4	3787.8	28.3
590.0	586.2	5.399	5.350	34.224	27.020	29.728	27.014	110.3	11.016	.0	1481.2	3896.4	20.4
600.0	596.1	5.343	5.293	34.232	27.033	29.787	27.027	109.1	11.125	.0	1481.2	4006.2	16.0
610.0	606.0	5.300	5.250	34.243	27.046	29.847	27.040	108.0	11.234	.0	1481.2	4117.0	21.0
620.0	615.9	5.229	5.178	34.253	27.063	29.910	27.057	106.4	11.341	.0	1481.1	4228.9	13.1
630.0	625.8	5.195	5.143	34.258	27.070	29.964	27.064	105.8	11.447	.0	1481.1	4341.8	4.3
640.0	635.7	5.159	5.107	34.263	27.079	30.018	27.072	105.1	11.552	.0	1481.1	4455.8	6.6
650.0	645.6	5.114	5.061	34.270	27.089	30.075	27.083	104.1	11.657	.0	1481.1	4570.8	11.6
660.0	655.5	5.073	5.019	34.278	27.101	30.132	27.094	103.1	11.761	.0	1481.1	4686.8	10.1
670.0	665.4	5.027	4.972	34.287	27.114	30.192	27.107	101.9	11.863	.0	1481.1	4803.8	13.9
680.0	675.3	4.981	4.926	34.298	27.127	30.252	27.121	100.7	11.964	.0	1481.1	4921.9	12.5
690.0	685.3	4.945	4.890	34.305	27.137	30.308	27.131	99.8	12.064	.0	1481.1	5040.9	12.8
700.0	695.2	4.909	4.853	34.313	27.147	30.365	27.141	98.9	12.164	.0	1481.2	5160.9	11.6
710.0	705.1	4.875	4.818	34.316	27.154	30.417	27.148	98.3	12.263	.0	1481.2	5281.9	14.5
720.0	715.0	4.807	4.750	34.319	27.164	30.474	27.157	97.4	12.361	.0	1481.1	5403.9	5.7
730.0	724.9	4.779	4.721	34.326	27.173	30.529	27.167	96.6	12.458	.0	1481.1	5526.8	9.9
740.0	734.8	4.762	4.704	34.335	27.182	30.584	27.175	95.9	12.554	.0	1481.2	5650.6	17.2
750.0	744.7	4.663	4.604	34.339	27.196	30.645	27.189	94.5	12.649	.0	1481.0	5775.5	18.9
760.0	754.6	4.583	4.523	34.338	27.204	30.700	27.197	93.7	12.743	.0	1480.8	5901.2	15.1
770.0	764.5	4.531	4.471	34.342	27.213	30.757	27.206	92.8	12.836	.0	1480.8	6027.8	4.0
780.0	774.4	4.517	4.456	34.351	27.222	30.811	27.215	92.1	12.929	.0	1480.9	6155.4	9.8
790.0	784.3	4.509	4.448	34.363	27.233	30.867	27.226	91.2	13.020	.0	1481.1	6283.9	9.6
800.0	794.2	4.498	4.436	34.367	27.236	30.917	27.230	90.9	13.111	.0	1481.2	6413.3	8.1
810.0	804.1	4.468	4.405	34.379	27.250	30.977	27.243	89.7	13.201	.0	1481.2	6543.5	5.2
820.0	814.0	4.383	4.320	34.375	27.256	31.030	27.249	89.1	13.291	.0	1481.0	6674.7	6.6
830.0	823.9	4.384	4.320	34.383	27.262	31.081	27.255	88.6	13.380	.0	1481.2	6806.7	6.0
840.0	833.8	4.267	4.203	34.373	27.267	31.135	27.260	88.0	13.468	.0	1480.9	6939.6	6.3
850.0	843.7	4.218	4.153	34.375	27.274	31.188	27.267	87.4	13.556	.0	1480.8	7073.3	10.1
860.0	853.6	4.158	4.093	34.378	27.282	31.243	27.275	86.6	13.643	.0	1480.8	7207.9	4.8
870.0	863.5	4.135	4.069	34.382	27.287	31.295	27.280	86.1	13.729	.0	1480.8	7343.4	4.6
880.0	873.4	4.130	4.063	34.386	27.292	31.345	27.285	85.8	13.815	.0	1481.0	7479.7	5.2
890.0	883.3	4.081	4.014	34.390	27.300	31.400	27.293	85.0	13.901	.0	1480.9	7616.8	7.8
900.0	893.2	4.063	3.995	34.398	27.308	31.454	27.301	84.3	13.985	.0	1481.0	7754.8	4.3
910.0	903.1	4.039	3.970	34.404	27.315	31.508	27.309	83.6	14.069	.0	1481.1	7893.6	8.4
920.0	913.0	4.011	3.942	34.410	27.323	31.561	27.316	83.0	14.152	.0	1481.2	8033.2	4.3
930.0	922.9	3.989	3.920	34.415	27.329	31.614	27.322	82.5	14.235	.0	1481.3	8173.7	4.9
940.0	932.8	3.948	3.878	34.421	27.338	31.670	27.331	81.6	14.317	.0	1481.3	8314.9	10.4
950.0	942.7	3.923	3.852	34.426	27.345	31.723	27.338	81.0	14.398	.0	1481.3	8457.0	6.3
960.0	952.5	3.903	3.832	34.430	27.350	31.773	27.342	80.6	14.479	.0	1481.4	8599.8	3.7
970.0	962.5	3.883	3.810	34.436	27.357	31.827	27.350	79.9	14.560	.0	1481.5	8743.4	16.3
980.0	972.3	3.855	3.783	34.440	27.363	31.879	27.356	79.4	14.639	.0	1481.5	8887.9	6.4
990.0	982.2	3.861	3.787	34.451	27.371	31.933	27.364	78.7	14.718	.0	1481.8	9033.1	7.3

Station 122 Latitude 32° 27.47'N Longitude 126° 25.47'W 09 May 1991 GMT 9:32 Bottom 4410 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.832	3.757	34.455	27.378	31.985	27.370	78.1	14.797	.0	1481.8	9179.0	4.0
1020.0	1011.9	3.784	3.708	34.459	27.386	32.086	27.378	77.5	14.952	.0	1481.9	9473.2	5.5
1040.0	1031.7	3.745	3.668	34.468	27.396	32.189	27.389	76.5	15.106	.0	1482.1	9770.5	8.4
1060.0	1051.4	3.698	3.620	34.477	27.408	32.293	27.401	75.5	15.259	.0	1482.3	10070.7	5.2
1080.0	1071.2	3.657	3.577	34.482	27.417	32.394	27.409	74.8	15.409	.0	1482.4	10373.9	4.4
1100.0	1091.0	3.596	3.515	34.489	27.428	32.498	27.420	73.7	15.557	.0	1482.5	10680.1	7.3
1120.0	1110.8	3.556	3.474	34.493	27.436	32.597	27.428	73.1	15.704	.0	1482.7	10989.1	3.2
1140.0	1130.5	3.516	3.433	34.497	27.443	32.696	27.435	72.5	15.850	.0	1482.8	11301.0	7.0
1160.0	1150.3	3.475	3.391	34.502	27.451	32.797	27.443	71.7	15.993	.0	1483.0	11615.7	1.2
1180.0	1170.1	3.433	3.347	34.505	27.458	32.896	27.449	71.1	16.136	.0	1483.2	11933.2	1.8
1200.0	1189.8	3.373	3.286	34.507	27.465	32.996	27.456	70.5	16.278	.0	1483.2	12253.4	4.4
1220.0	1209.6	3.328	3.240	34.514	27.475	33.099	27.467	69.5	16.418	.0	1483.4	12576.5	9.7
1240.0	1229.3	3.295	3.205	34.518	27.481	33.197	27.473	69.0	16.557	.0	1483.6	12902.2	4.4
1260.0	1249.1	3.263	3.172	34.521	27.487	33.294	27.478	68.6	16.694	.0	1483.8	13230.7	3.6
1280.0	1268.9	3.217	3.125	34.525	27.494	33.394	27.486	67.8	16.831	.0	1483.9	13561.8	5.0
1300.0	1288.6	3.157	3.064	34.530	27.504	33.497	27.495	66.9	16.966	.0	1484.0	13895.6	10.6
1320.0	1308.4	3.112	3.017	34.535	27.512	33.597	27.504	66.1	17.099	.0	1484.1	14232.0	6.2
1340.0	1328.1	3.067	2.972	34.535	27.517	33.694	27.508	65.7	17.231	.0	1484.3	14570.9	3.9
1360.0	1347.8	3.029	2.932	34.542	27.526	33.796	27.517	64.9	17.361	.0	1484.5	14912.5	4.2
1380.0	1367.6	2.987	2.889	34.544	27.531	33.894	27.523	64.4	17.491	.0	1484.6	15256.5	2.4
1400.0	1387.3	2.957	2.858	34.548	27.537	33.991	27.528	63.9	17.619	.0	1484.8	15603.1	3.3
1420.0	1407.1	2.930	2.830	34.550	27.541	34.087	27.532	63.5	17.747	.0	1485.0	15952.2	1.9
1440.0	1426.8	2.901	2.799	34.552	27.546	34.184	27.537	63.1	17.873	.0	1485.3	16303.7	8.9
1460.0	1446.6	2.843	2.740	34.553	27.552	34.283	27.543	62.5	17.999	.0	1485.3	16657.7	4.2
1480.0	1466.3	2.804	2.700	34.555	27.557	34.380	27.548	62.0	18.123	.0	1485.5	17014.1	-.1
1500.0	1486.0	2.771	2.666	34.558	27.562	34.477	27.553	61.5	18.247	.0	1485.7	17372.9	4.8
1520.0	1505.8	2.740	2.633	34.561	27.567	34.574	27.558	61.1	18.369	.0	1485.9	17734.1	.5
1540.0	1525.5	2.716	2.608	34.566	27.573	34.672	27.564	60.6	18.491	.0	1486.1	18097.7	5.5
1560.0	1545.2	2.680	2.571	34.569	27.579	34.769	27.569	60.0	18.612	.0	1486.3	18463.7	4.3
1580.0	1564.9	2.643	2.533	34.572	27.585	34.867	27.575	59.5	18.731	.0	1486.5	18832.0	6.7
1600.0	1584.7	2.619	2.507	34.574	27.589	34.963	27.579	59.1	18.850	.0	1486.7	19202.6	-.1
1620.0	1604.4	2.596	2.483	34.576	27.592	35.058	27.583	58.8	18.968	.0	1487.0	19575.5	4.3
1640.0	1624.1	2.560	2.445	34.579	27.598	35.156	27.588	58.3	19.085	.0	1487.1	19950.7	.8
1660.0	1643.8	2.517	2.401	34.581	27.604	35.254	27.594	57.7	19.201	.0	1487.3	20328.1	7.0
1680.0	1663.5	2.499	2.382	34.583	27.606	35.348	27.596	57.5	19.316	.0	1487.6	20707.8	3.5
1700.0	1683.2	2.476	2.358	34.585	27.610	35.444	27.601	57.1	19.431	.0	1487.8	21089.7	1.2
1720.0	1702.9	2.444	2.325	34.588	27.615	35.540	27.605	56.7	19.544	.0	1488.0	21473.8	-.3
1740.0	1722.7	2.418	2.297	34.590	27.620	35.636	27.610	56.2	19.657	.0	1488.2	21860.1	4.1
1760.0	1742.4	2.397	2.275	34.592	27.622	35.730	27.612	56.0	19.769	.0	1488.5	22248.6	1.2
1780.0	1762.1	2.372	2.248	34.594	27.626	35.826	27.616	55.7	19.881	.0	1488.7	22639.2	2.4
1800.0	1781.8	2.343	2.218	34.596	27.631	35.922	27.620	55.2	19.992	.0	1488.9	23032.1	2.1
1820.0	1801.5	2.324	2.198	34.596	27.632	36.015	27.622	55.1	20.102	.0	1489.2	23427.0	2.1
1840.0	1821.2	2.292	2.165	34.600	27.638	36.113	27.628	54.5	20.212	.0	1489.4	23824.1	1.0
1860.0	1840.9	2.267	2.138	34.602	27.642	36.207	27.631	54.2	20.320	.0	1489.6	24223.3	1.6
1880.0	1860.6	2.247	2.117	34.604	27.645	36.302	27.635	53.9	20.429	.0	1489.8	24624.6	1.3
1900.0	1880.3	2.234	2.102	34.605	27.647	36.395	27.637	53.7	20.536	.0	1490.1	25028.0	1.6
1920.0	1899.9	2.209	2.076	34.607	27.651	36.490	27.640	53.4	20.643	.0	1490.3	25433.4	3.4
1940.0	1919.6	2.194	2.059	34.609	27.653	36.584	27.643	53.2	20.750	.0	1490.6	25841.0	1.3
1960.0	1939.3	2.174	2.039	34.611	27.657	36.678	27.646	52.8	20.856	.0	1490.9	26250.5	4.3
1980.0	1959.0	2.151	2.014	34.613	27.661	36.774	27.650	52.5	20.961	.0	1491.1	26662.1	3.1
2000.0	1978.7	2.132	1.993	34.615	27.664	36.868	27.653	52.2	21.066	.0	1491.4	27075.8	2.8
2050.0	2027.9	2.080	1.938	34.619	27.672	37.103	27.660	51.4	21.325	.0	1492.0	28118.7	1.4
2098.0	2075.1	2.039	1.893	34.624	27.678	37.328	27.667	50.8	21.570	.0	1492.6	29131.5	.0

Station 123 Latitude 32° 30.00'N Longitude 126° 00.06'W 09 May 1991 GMT 13:10 Bottom 4260 m

Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
.0	.0	15.190	15.190	33.266	24.595	24.595	24.595	333.3	.000	.0	1505.9	.0	.0
10.0	10.0	15.189	15.188	33.289	24.613	24.657	24.612	332.0	.333	.0	1506.1	1.7	4.8
20.0	19.9	15.191	15.188	33.290	24.614	24.702	24.613	332.2	.665	.0	1506.2	6.6	-1.6
30.0	29.9	15.196	15.192	33.292	24.614	24.747	24.613	332.4	.997	.0	1506.4	14.9	-2.5
40.0	39.8	15.177	15.171	33.305	24.629	24.805	24.627	331.3	1.329	.0	1506.5	26.5	121.7
50.0	49.8	14.860	14.853	33.352	24.734	24.955	24.732	321.6	1.654	.0	1505.7	41.4	42.6
60.0	59.8	14.764	14.755	33.371	24.770	25.035	24.768	318.5	1.974	.0	1505.6	59.4	51.1
70.0	69.7	14.866	14.855	33.475	24.829	25.138	24.826	313.2	2.289	.0	1506.2	80.7	28.0
80.0	79.7	14.966	14.954	33.542	24.858	25.211	24.856	310.7	2.601	.0	1506.8	105.0	12.2
90.0	89.7	15.093	15.080	33.609	24.883	25.279	24.880	308.7	2.911	.0	1507.4	132.5	16.9
100.0	99.6	15.085	15.070	33.627	24.899	25.340	24.896	307.4	3.219	.0	1507.6	163.0	21.9
110.0	109.6	13.969	13.953	33.467	25.013	25.500	25.009	296.7	3.524	.0	1504.0	196.6	466.5
120.0	119.5	11.569	11.554	33.180	25.259	25.796	25.256	273.0	3.803	.0	1495.6	233.0	63.7
130.0	129.5	10.926	10.910	33.213	25.400	25.984	25.397	259.6	4.070	.0	1493.6	272.2	187.1
140.0	139.4	10.523	10.507	33.312	25.549	26.178	25.546	245.7	4.320	.0	1492.4	314.0	67.9
150.0	149.4	10.266	10.249	33.379	25.644	26.320	25.641	236.7	4.561	.0	1491.7	358.1	54.1
160.0	159.3	9.521	9.503	33.424	25.804	26.527	25.801	221.6	4.791	.0	1489.2	404.7	135.4
170.0	169.3	9.209	9.191	33.517	25.927	26.696	25.924	210.0	5.006	.0	1488.3	453.4	165.2
180.0	179.2	8.981	8.962	33.570	26.005	26.820	26.002	202.7	5.212	.0	1487.7	504.2	62.1
190.0	189.1	8.827	8.807	33.641	26.084	26.945	26.081	195.3	5.412	.0	1487.4	557.0	98.7
200.0	199.1	8.607	8.586	33.705	26.169	27.076	26.166	187.4	5.604	.0	1486.8	611.8	120.9
210.0	209.0	8.544	8.523	33.735	26.202	27.155	26.199	184.4	5.790	.0	1486.8	668.4	29.8
220.0	218.9	8.357	8.334	33.856	26.325	27.324	26.322	172.8	5.968	.0	1486.4	726.8	125.8
230.0	228.9	8.391	8.367	33.907	26.361	27.404	26.357	169.7	6.139	.0	1486.7	787.0	34.5
240.0	238.8	8.270	8.245	33.938	26.403	27.493	26.400	165.8	6.307	.0	1486.5	848.8	74.3
250.0	248.8	8.044	8.019	33.979	26.469	27.606	26.466	159.6	6.470	.0	1485.8	912.3	69.3
260.0	258.7	7.932	7.907	33.979	26.486	27.668	26.482	158.2	6.629	.0	1485.6	977.3	3.7
270.0	268.6	7.865	7.838	33.992	26.507	27.735	26.503	156.4	6.787	.0	1485.5	1044.0	31.2
280.0	278.6	7.790	7.762	34.014	26.534	27.808	26.530	153.9	6.942	.0	1485.4	1112.2	30.6
290.0	288.5	7.685	7.656	34.017	26.552	27.872	26.548	152.3	7.095	.0	1485.1	1181.9	22.4
300.0	298.4	7.595	7.565	34.050	26.592	27.957	26.587	148.7	7.245	.0	1485.0	1253.1	27.9
310.0	308.4	7.370	7.340	34.040	26.615	28.028	26.611	146.5	7.393	.0	1484.3	1325.7	29.7
320.0	318.3	7.241	7.210	34.049	26.641	28.100	26.636	144.1	7.538	.0	1484.0	1399.9	14.4
330.0	328.2	7.296	7.264	34.087	26.663	28.167	26.659	142.2	7.681	.0	1484.4	1475.4	23.2
340.0	338.1	7.176	7.144	34.091	26.683	28.233	26.678	140.4	7.823	.0	1484.1	1552.4	17.6
350.0	348.1	7.050	7.017	34.098	26.706	28.302	26.701	138.3	7.962	.0	1483.8	1630.8	34.0
360.0	358.0	6.925	6.891	34.100	26.725	28.368	26.720	136.6	8.100	.0	1483.4	1710.5	6.8
370.0	367.9	6.808	6.774	34.099	26.740	28.430	26.736	135.2	8.235	.0	1483.1	1791.6	1.2
380.0	377.9	6.749	6.714	34.104	26.752	28.488	26.747	134.2	8.370	.0	1483.1	1874.0	23.1
390.0	387.8	6.695	6.660	34.113	26.767	28.548	26.762	132.9	8.504	.0	1483.0	1957.7	16.4
400.0	397.7	6.571	6.535	34.114	26.784	28.612	26.779	131.3	8.636	.0	1482.7	2042.8	7.0
410.0	407.6	6.493	6.456	34.116	26.795	28.670	26.791	130.3	8.767	.0	1482.6	2129.1	12.3
420.0	417.5	6.411	6.373	34.123	26.812	28.733	26.807	128.8	8.896	.0	1482.4	2216.8	11.4
430.0	427.5	6.348	6.310	34.127	26.823	28.791	26.819	127.8	9.024	.0	1482.3	2305.7	26.0
440.0	437.4	6.197	6.159	34.126	26.842	28.857	26.837	126.0	9.151	.0	1481.9	2395.8	13.4
450.0	447.3	6.055	6.016	34.112	26.850	28.911	26.845	125.3	9.277	.0	1481.5	2487.2	11.6
460.0	457.2	5.933	5.894	34.114	26.866	28.975	26.861	123.7	9.401	.0	1481.1	2579.9	.5
470.0	467.1	6.054	6.013	34.145	26.876	29.028	26.871	123.1	9.525	.0	1481.8	2673.8	7.3
480.0	477.1	5.993	5.951	34.152	26.889	29.088	26.884	122.0	9.648	.0	1481.8	2768.9	27.5
490.0	487.0	5.917	5.875	34.153	26.899	29.145	26.894	121.0	9.769	.0	1481.6	2865.2	5.8
500.0	496.9	5.776	5.734	34.157	26.920	29.212	26.914	119.1	9.889	.0	1481.2	2962.7	6.6
510.0	506.8	5.732	5.688	34.159	26.927	29.266	26.922	118.5	10.008	.0	1481.2	3061.3	16.9
520.0	516.7	5.619	5.575	34.160	26.942	29.328	26.936	117.1	10.126	.0	1480.9	3161.2	3.1
530.0	526.7	5.402	5.358	34.146	26.957	29.391	26.951	115.5	10.242	.0	1480.2	3262.2	8.6
540.0	536.6	5.309	5.264	34.143	26.965	29.447	26.960	114.7	10.357	.0	1480.0	3364.3	11.5
550.0	546.5	5.274	5.229	34.156	26.979	29.507	26.974	113.5	10.471	.0	1480.0	3467.6	27.4
560.0	556.4	5.262	5.217	34.179	26.999	29.573	26.994	111.7	10.584	.0	1480.1	3571.9	15.4
570.0	566.3	5.211	5.165	34.187	27.012	29.632	27.007	110.5	10.695	.0	1480.1	3677.4	9.2
580.0	576.2	5.165	5.118	34.194	27.022	29.688	27.017	109.6	10.805	.0	1480.1	3784.0	6.3
590.0	586.2	5.142	5.094	34.204	27.033	29.745	27.028	108.7	10.914	.0	1480.2	3891.6	6.6
600.0	596.1	5.141	5.092	34.211	27.039	29.797	27.034	108.2	11.023	.0	1480.3	4000.4	13.9
610.0	606.0	5.094	5.045	34.224	27.055	29.859	27.049	106.8	11.130	.0	1480.3	4110.2	3.1
620.0	615.9	5.045	4.995	34.231	27.066	29.917	27.061	105.8	11.237	.0	1480.3	4221.0	15.7
630.0	625.8	4.933	4.883	34.228	27.076	29.974	27.071	104.8	11.342	.0	1480.0	4332.9	11.2
640.0	635.7	4.862	4.812	34.231	27.087	30.032	27.081	103.8	11.446	.0	1479.9	4445.8	7.7
650.0	645.6	4.818	4.767	34.246	27.104	30.095	27.098	102.2	11.549	.0	1479.9	4559.8	4.8
660.0	655.5	4.944	4.892	34.276	27.113	30.148	27.107	101.7	11.651	.0	1480.6	4674.7	16.8
670.0	665.4	4.969	4.915	34.299	27.130	30.209	27.124	100.3	11.752	.0	1480.9	4790.6	4.6
680.0	675.3	4.918	4.864	34.305	27.140	30.266	27.134	99.4	11.852	.0	1480.9	4907.6	-2.5
690.0	685.3	4.875	4.820	34.303	27.143	30.315	27.137	99.1	11.951	.0	1480.8	5025.5	2.5
700.0	695.2	4.677	4.622	34.289	27.154	30.376	27.148	97.8	12.050	.0	1480.2	5144.4	2.2
710.0	705.1	4.634	4.579	34.295	27.164	30.432	27.158	96.9	12.147	.0	1480.2	5264.2	4.5
720.0	715.0	4.625	4.569	34.305	27.173	30.486	27.166	96.2	12.243	.0	1480.3	5385.0	4.5
730.0	724.9	4.607	4.550	34.312	27.180	30.540	27.174	95.6	12.340	.0	1480.4	5506.8	2.2
740.0	734.8	4.591	4.534	34.317	27.186	30.592	27.180	95.1	12.435	.0	1480.5	5629.5	4.8
750.0	744.7	4.567	4.509	34.320	27.192	30.643	27.185	94.7	12.530	.0	1480.6	5753.1	11.9
760.0	754.6	4.522	4.463	34.330	27.204	30.702	27.198	93.5	12.624	.0	1480.6	5877.7	13.3
770.0	764.5	4.499	4.439	34.337	27.212	30.756	27.206	92.8	12.717	.0	1480.6	6003.1	9.5
780.0	774.4	4.498	4.438	34.347	27.220	30.810	27.214	92.2	12.810	.0	1480.8	6129.5	8.7
790.0	784.3	4.431	4.370	34.350	27.231	30.867	27.224	91.2	12.901	.0	1480.7	6256.8	7.2
800.0	794.2	4.435	4.373	34.363	27.240	30.922	27.233	90.4	12.992	.0	1480.9	6385.0	4.0
810.0	804.1	4.473	4.410	34.375	27.246	30.973	27.239	90.1	13.082	.0	1481.2	6514.1	5.5
820.0	814.0	4.464	4.400	34.381	27.252	31.024	27.245	89.6	13.172	.0	1481.4	6644.1	6.6
830.0	823.9	4.457	4.392	34.386	27.257	31.075	27.249	89.3	13.262	.0	1481.5	6774.9	11.3
840.0	833.8	4.413	4.347	34.392	27.266	31.131	27.259	88.3	13.351	.0	1481.5	6906.6	8.4
850.0	843.7	4.382	4.316	34.394	27.271	31.182	27.264	88.0	13.439	.0	1481.6	7039.2	5.2
860.0	853.6	4.345	4.278	34.394	27.275	31.232	27.268	87.6	13.527	.0	1481.6	7172.7	5.2
870.0	863.5	4.303	4.236	34.396	27.281	31.285	27.274	87.0	13.614	.0	1481.6	7307.0	10.5
880.0	873.4	4.269	4.202	34.398	27.287	31.337	27.279	86.5	13.701	.0	1481.6	7442.2	4.9
890.0	883.3	4.203	4.135	34.400	27.295	31.392	27.288	85.7	13.787	.0	1481.5	7578.2	4.3
900.0	893.2	4.187	4.118	34.400	27.296	31.440	27.289	85.6	13.873	.0	1481.6	7715.0	1.7
910.0	903.1	4.144	4.075	34.405	27.305	31.495	27.298	84.8	13.958	.0	1481.6	7852.7	7.2
920.0	913.0	4.087	4.017	34.409	27.315	31.552	27.307	83.9	14.042	.0	1481.5	7991.3	1.7
930.0	922.9	4.055	3.985	34.411	27.320	31.603	27.312	83.5	14.126	.0	1481.5	8130.6	14.3
940.0	932.8	4.014	3.943	34.419	27.330	31.660	27.323	82.5	14.208	.0	1481.5	8270.8	.2
950.0	942.7	3.986	3.915	34.422	27.335	31.712	27.328	82.0	14.291	.0	1481.6	8411.8	2.3
960.0	952.5	3.968	3.896	34.425	27.340	31.762	27.332	81.7	14.372	.0	1481.7	8553.5	1.1
970.0	962.4	3.958	3.885	34.429	27.344	31.812	27.337	81.3	14.454	.0	1481.8	8696.1	4.9
980.0	972.3	3.944	3.870	34.432	27.348	31.862	27.340	81.0	14.535	.0	1481.9	8839.5	7.8
990.0	982.2	3.933	3.859	34.438	27.354	31.913	27.346	80.5	14.616	.0	1482.0	8983.7	4.0

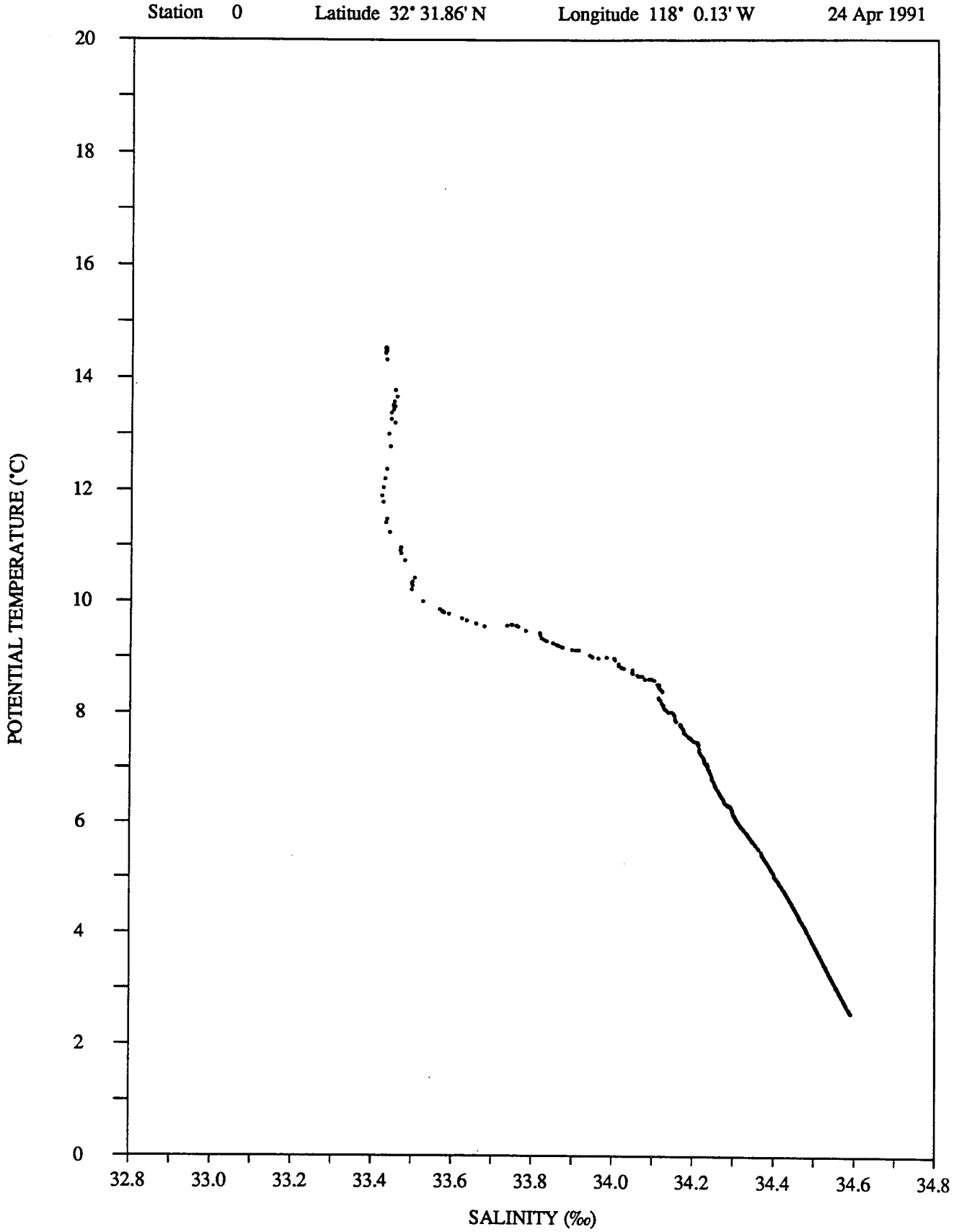
Station 123 Latitude 32° 30.00'N Longitude 126° 00.06'W 09 May 1991 GMT 13:10 Bottom 4260 m

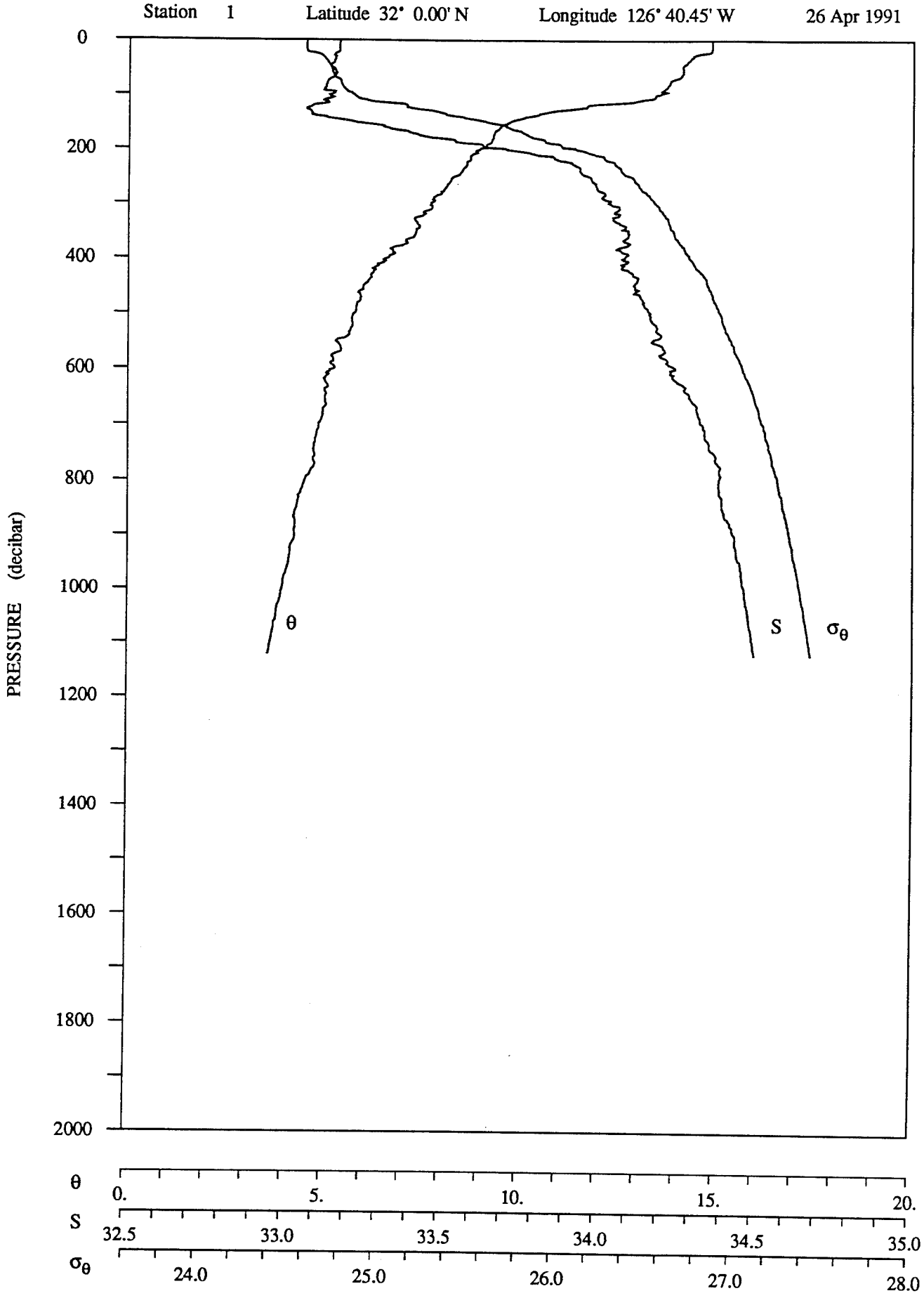
Pres. db	Depth m	Temp. °C	Pot.T. °C	Sal 0/00	Sigma-θ kg/m^3	Sigma-z kg/m^3	Sigma-t kg/m^3	Delta 10^8m^3/kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m^3/s^2	N^2 10^6/s^2
1000.0	992.1	3.891	3.816	34.443	27.362	31.969	27.355	79.7	14.696	.0	1482.0	9128.6	9.3
1020.0	1011.9	3.816	3.740	34.449	27.374	32.074	27.367	78.6	14.854	.0	1482.1	9420.9	3.8
1040.0	1031.7	3.744	3.667	34.452	27.385	32.177	27.377	77.6	15.011	.0	1482.1	9716.2	2.6
1060.0	1051.4	3.702	3.624	34.461	27.396	32.280	27.388	76.6	15.165	.0	1482.3	10014.6	3.8
1080.0	1071.2	3.614	3.535	34.463	27.406	32.384	27.398	75.6	15.317	.0	1482.2	10316.0	4.3
1100.0	1091.0	3.556	3.476	34.468	27.416	32.486	27.408	74.8	15.468	.0	1482.3	10620.3	7.0
1120.0	1110.8	3.484	3.402	34.471	27.425	32.589	27.417	73.8	15.616	.0	1482.3	10927.6	2.9
1140.0	1130.5	3.453	3.371	34.478	27.434	32.689	27.425	73.2	15.763	.0	1482.5	11237.7	4.1
1160.0	1150.3	3.427	3.343	34.488	27.444	32.792	27.436	72.2	15.908	.0	1482.8	11550.8	4.4
1180.0	1170.1	3.391	3.306	34.496	27.454	32.894	27.446	71.4	16.052	.0	1483.0	11866.6	4.7
1200.0	1189.8	3.287	3.201	34.494	27.462	32.996	27.454	70.4	16.194	.0	1482.8	12185.2	5.0
1220.0	1209.6	3.269	3.181	34.501	27.470	33.096	27.462	69.8	16.334	.0	1483.1	12506.6	3.2
1240.0	1229.3	3.220	3.132	34.504	27.477	33.195	27.469	69.2	16.473	.0	1483.2	12830.7	1.5
1260.0	1249.1	3.184	3.094	34.507	27.483	33.293	27.474	68.7	16.611	.0	1483.4	13157.5	3.5
1280.0	1268.8	3.142	3.051	34.513	27.492	33.394	27.483	67.9	16.747	.0	1483.6	13487.0	5.6
1300.0	1288.6	3.111	3.018	34.517	27.498	33.493	27.490	67.3	16.882	.0	1483.8	13819.1	-.5
1320.0	1308.3	3.073	2.980	34.521	27.505	33.591	27.496	66.7	17.017	.0	1484.0	14153.8	.4
1340.0	1328.1	3.030	2.934	34.524	27.511	33.690	27.502	66.1	17.150	.0	1484.1	14491.2	4.5
1360.0	1347.8	2.995	2.898	34.528	27.517	33.789	27.509	65.6	17.281	.0	1484.3	14831.1	4.8
1380.0	1367.6	2.953	2.855	34.533	27.525	33.889	27.517	64.8	17.412	.0	1484.5	15173.6	2.4
1400.0	1387.3	2.920	2.821	34.539	27.533	33.988	27.524	64.1	17.541	.0	1484.7	15518.6	3.0
1420.0	1407.1	2.871	2.771	34.542	27.541	34.089	27.532	63.4	17.668	.0	1484.8	15866.1	6.6
1440.0	1426.8	2.832	2.730	34.546	27.547	34.188	27.538	62.8	17.794	.0	1484.9	16216.1	3.3
1460.0	1446.5	2.789	2.687	34.550	27.554	34.287	27.545	62.1	17.919	.0	1485.1	16568.5	.4
1480.0	1466.3	2.762	2.658	34.552	27.558	34.383	27.549	61.8	18.043	.0	1485.3	16923.4	3.7
1500.0	1486.0	2.725	2.620	34.555	27.564	34.481	27.555	61.2	18.166	.0	1485.5	17280.6	1.3
1520.0	1505.7	2.698	2.592	34.557	27.568	34.576	27.559	60.9	18.288	.0	1485.7	17640.2	-.1
1540.0	1525.5	2.656	2.549	34.559	27.573	34.674	27.563	60.4	18.409	.0	1485.9	18002.2	2.2
1560.0	1545.2	2.612	2.504	34.560	27.578	34.772	27.569	59.8	18.530	.0	1486.0	18366.5	3.7
1580.0	1564.9	2.584	2.474	34.565	27.585	34.870	27.575	59.2	18.649	.0	1486.2	18733.2	4.9
1600.0	1584.6	2.560	2.449	34.568	27.588	34.965	27.579	58.9	18.767	.0	1486.5	19102.2	4.0
1620.0	1604.3	2.526	2.413	34.571	27.594	35.063	27.584	58.4	18.884	.0	1486.7	19473.4	2.6
1640.0	1624.1	2.496	2.383	34.573	27.598	35.159	27.589	58.0	19.001	.0	1486.9	19846.9	3.5
1660.0	1643.8	2.461	2.346	34.576	27.604	35.257	27.594	57.4	19.116	.0	1487.1	20222.7	5.5
1680.0	1663.5	2.438	2.322	34.579	27.608	35.353	27.599	57.0	19.231	.0	1487.3	20600.7	2.3
1700.0	1683.2	2.403	2.286	34.583	27.614	35.451	27.605	56.4	19.344	.0	1487.5	20980.9	1.4
1720.0	1702.9	2.368	2.249	34.584	27.619	35.547	27.609	56.0	19.457	.0	1487.7	21363.3	6.4
1740.0	1722.6	2.341	2.221	34.586	27.623	35.643	27.613	55.6	19.568	.0	1487.9	21747.9	5.0
1760.0	1742.3	2.319	2.198	34.587	27.625	35.737	27.615	55.4	19.679	.0	1488.1	22134.6	.9
1780.0	1762.1	2.303	2.181	34.589	27.628	35.831	27.618	55.2	19.790	.0	1488.4	22523.4	1.5
1800.0	1781.8	2.263	2.139	34.593	27.635	35.930	27.625	54.5	19.899	.0	1488.6	22914.4	3.3
1820.0	1801.4	2.238	2.113	34.595	27.638	36.025	27.628	54.1	20.008	.0	1488.8	23307.6	1.2
1840.0	1821.2	2.214	2.088	34.598	27.643	36.121	27.633	53.7	20.116	.0	1489.0	23702.8	.4
1860.0	1840.8	2.187	2.060	34.600	27.647	36.216	27.636	53.3	20.223	.0	1489.2	24100.0	-.5
1880.0	1860.5	2.173	2.044	34.603	27.650	36.311	27.640	53.0	20.329	.0	1489.5	24499.4	4.2
1900.0	1880.2	2.170	2.039	34.606	27.653	36.404	27.642	52.9	20.435	.0	1489.8	24900.8	.7
1920.0	1899.9	2.156	2.024	34.609	27.657	36.499	27.646	52.6	20.541	.0	1490.1	25304.2	3.6
1940.0	1919.6	2.145	2.011	34.610	27.658	36.591	27.648	52.5	20.646	.0	1490.4	25709.7	1.9
1960.0	1939.3	2.128	1.993	34.611	27.661	36.685	27.650	52.2	20.750	.0	1490.7	26117.2	.2
1980.0	1959.0	2.109	1.972	34.613	27.664	36.779	27.653	52.0	20.854	.0	1490.9	26526.7	.5
2000.0	1978.7	2.087	1.949	34.615	27.668	36.874	27.657	51.6	20.958	.0	1491.2	26938.2	1.4
2050.0	2027.9	2.044	1.902	34.621	27.676	37.109	27.665	50.9	21.214	.0	1491.8	27975.7	1.1
2096.0	2073.1	2.001	1.856	34.624	27.682	37.325	27.671	50.3	21.447	.0	1492.4	28941.1	.0

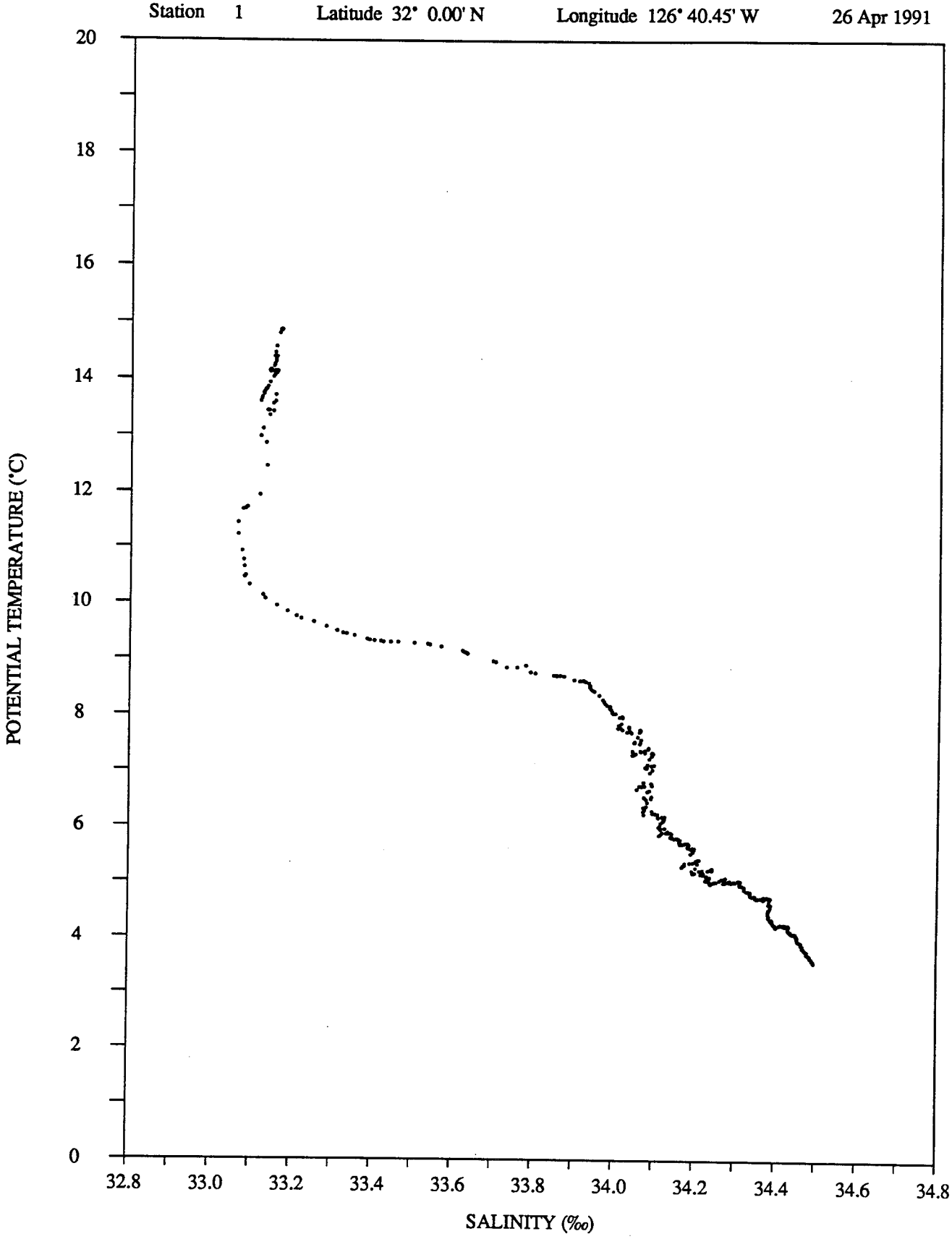
θ, S, σ_θ Profiles

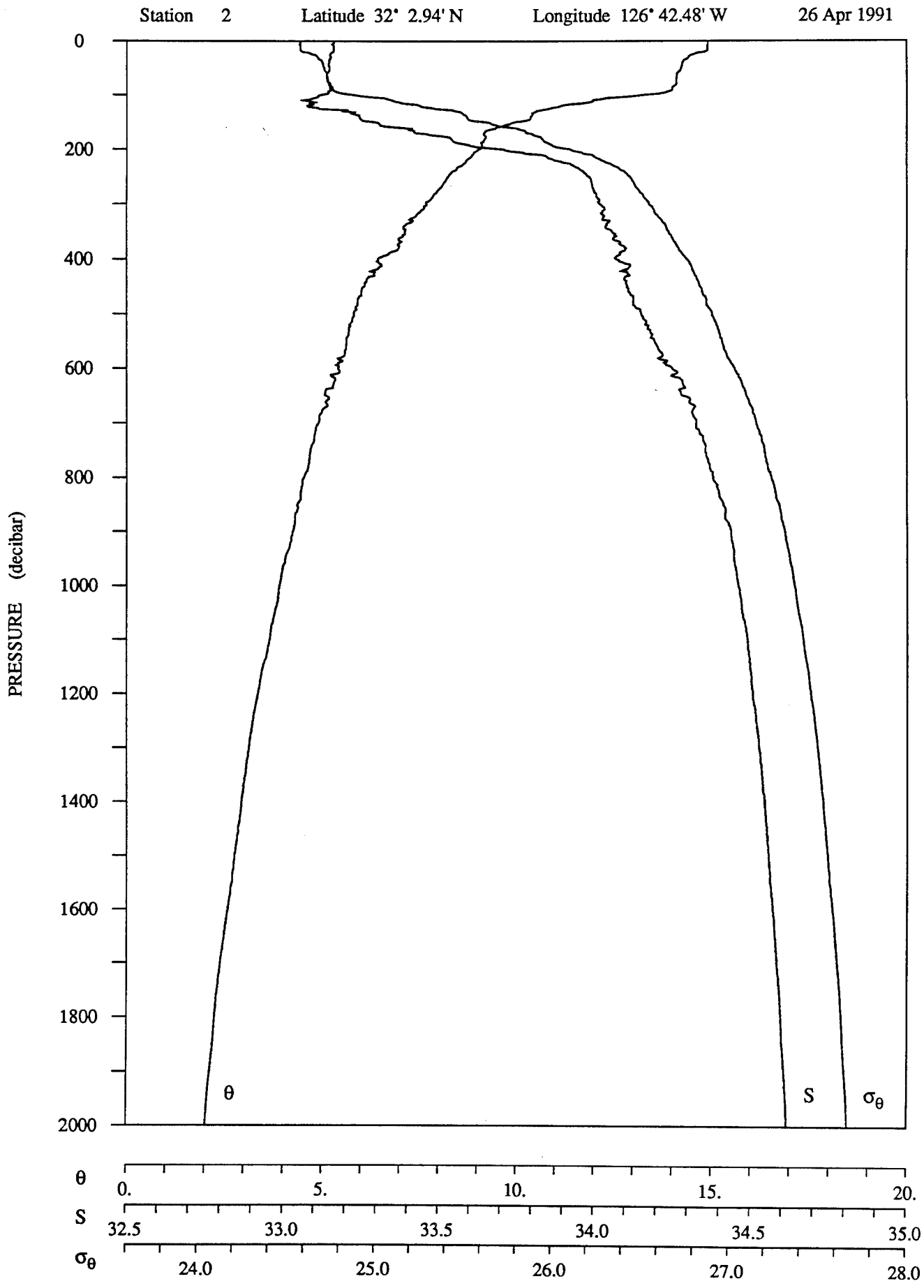
θ-S Diagrams

Station 0
Latitude 32° 31.86' N
Longitude 118° 0.13' W
24 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 0
Latitude 32° 31.86' N
Longitude 118° 0.13' W
24 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 1
Latitude 32° 0.00' N
Longitude 126° 40.45' W
26 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 1
Latitude 32° 0.00' N
Longitude 126° 40.45' W
26 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 2
Latitude 32° 2.94' N
Longitude 126° 42.48' W
26 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
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S
σθ
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0.
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15.
20.
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32.5
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33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
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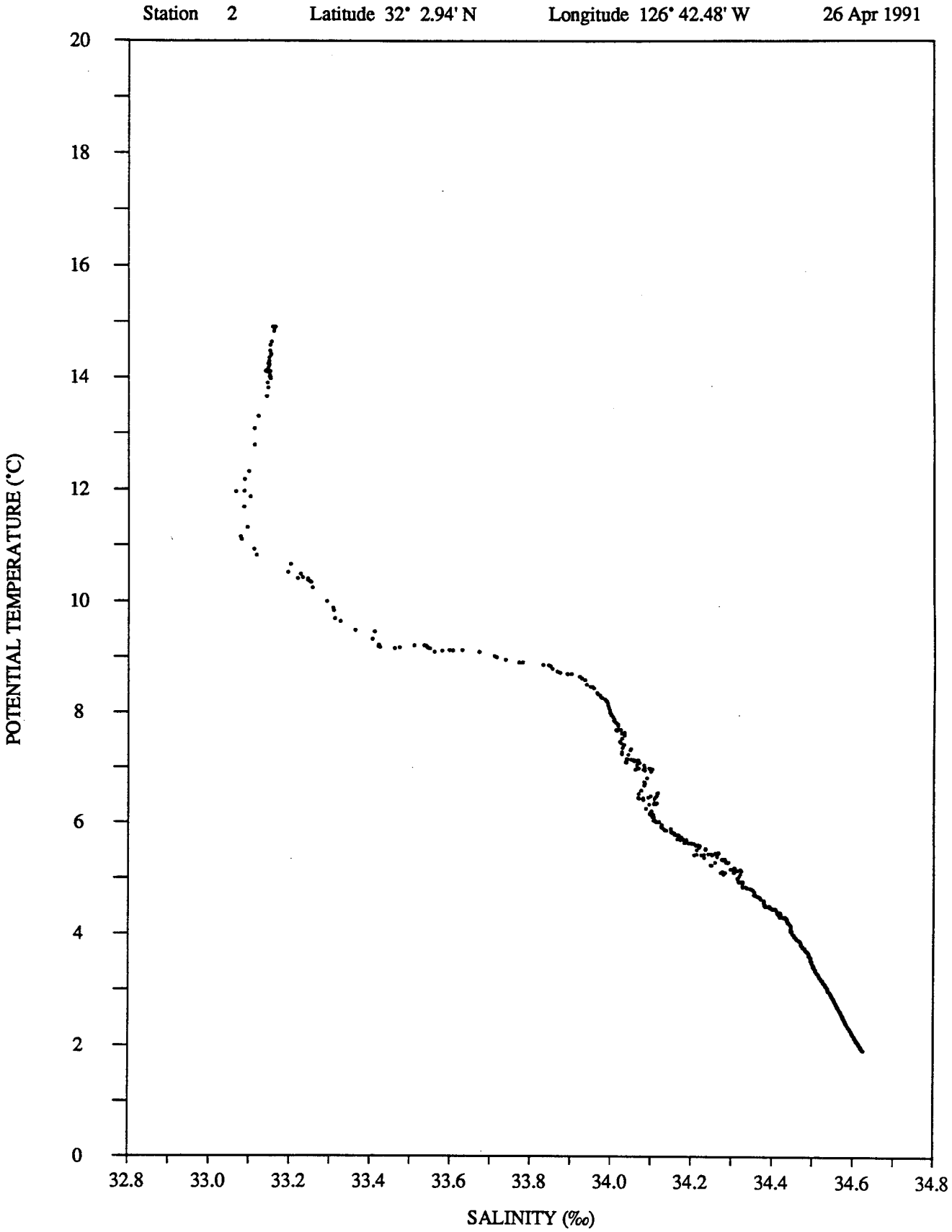
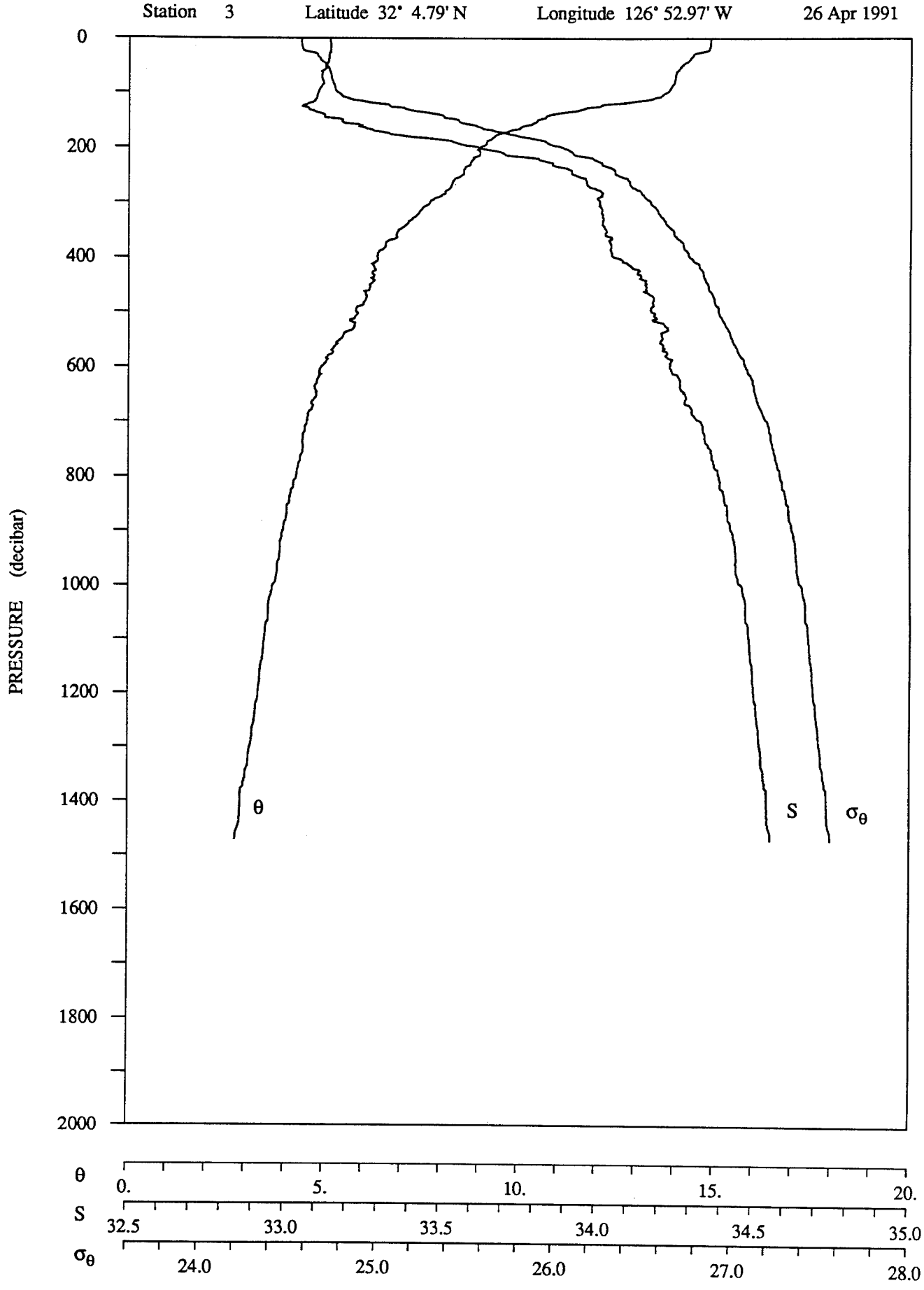

Station 2
Latitude 32° 2.94' N
Longitude 126° 42.48' W
26 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 3
Latitude 32° 4.79' N
Longitude 126° 52.97' W
26 Apr 1991
PRESSURE (decibar)
0
200
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1200
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20.
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32.5
33.0
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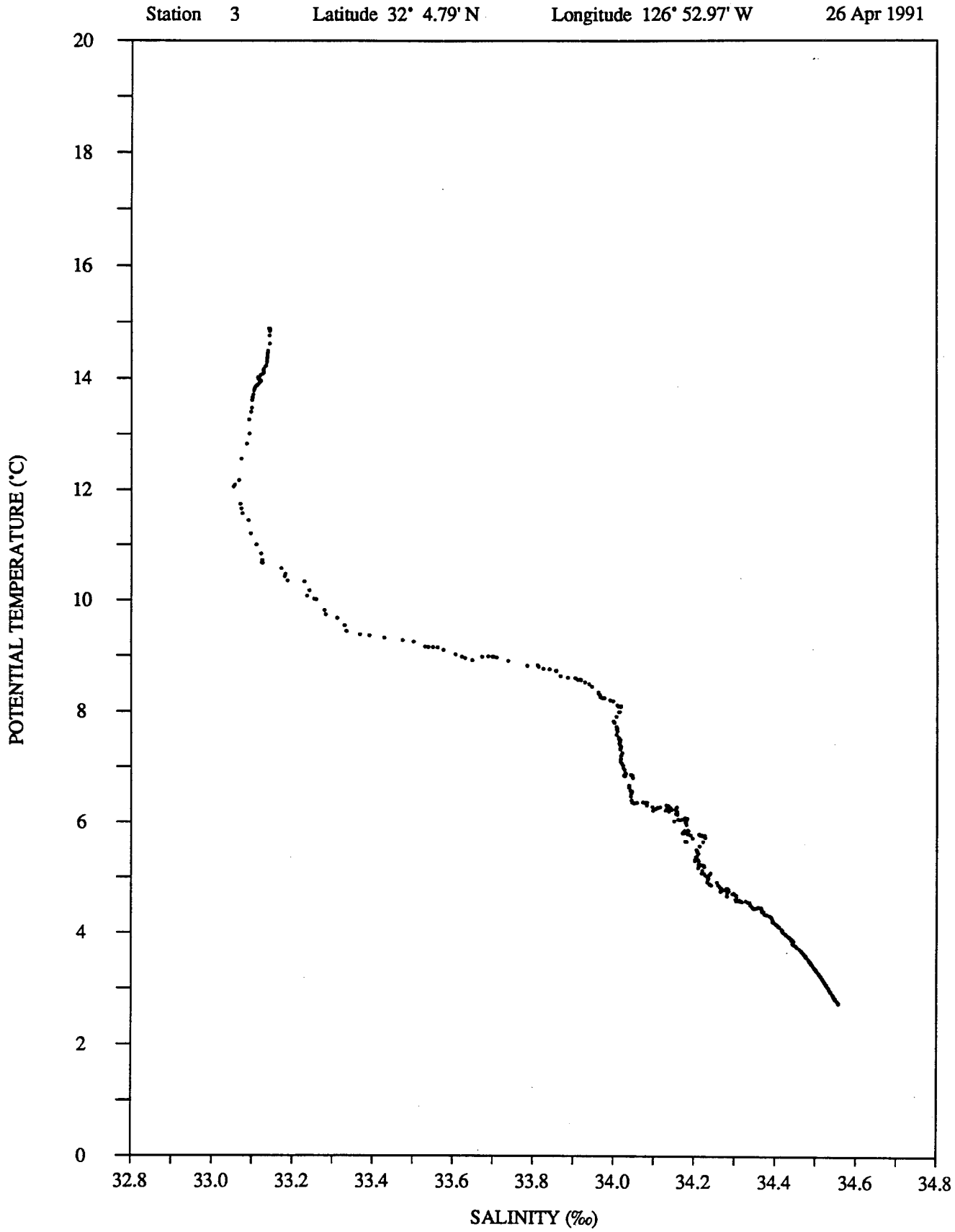
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 3
Latitude 32° 4.79' N
Longitude 126° 52.97' W
26 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
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12
10
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6
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32.8
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33.2
33.4
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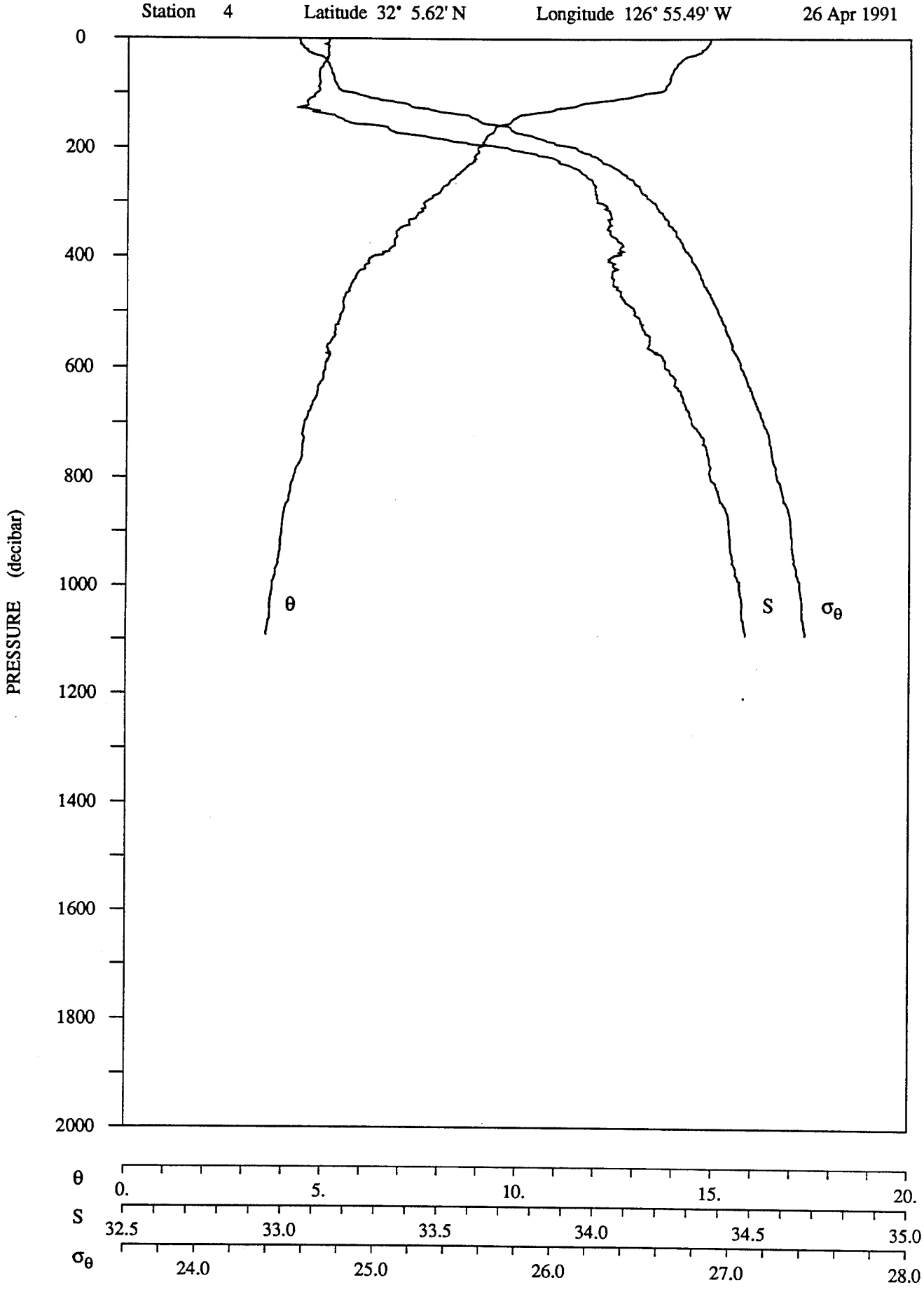
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 4
Latitude 32° 5.62' N
Longitude 126° 55.49' W
26 Apr 1991
PRESSURE (decibar)
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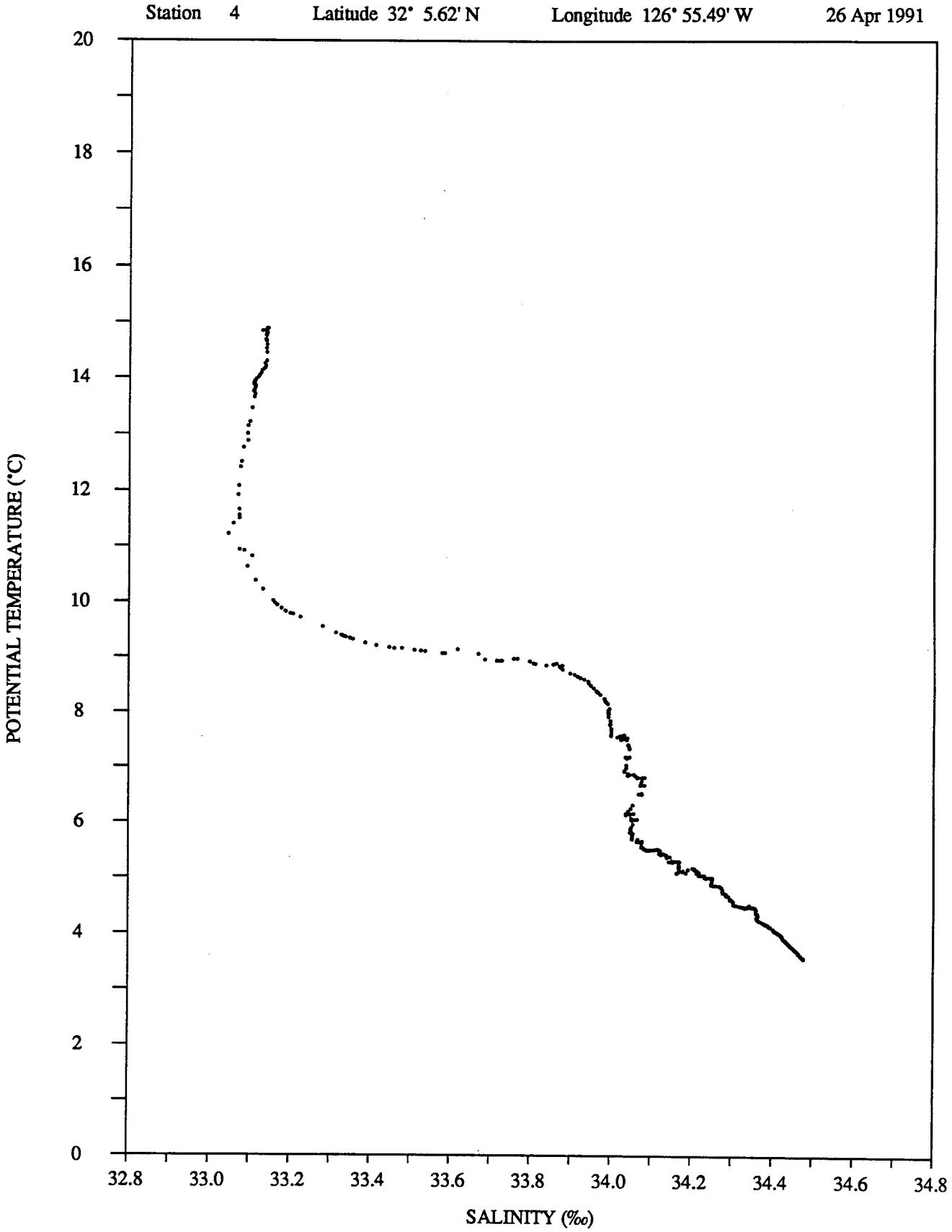
Station 4
Latitude 32° 5.62' N
Longitude 126° 55.49' W
26 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
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33.2
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34.0
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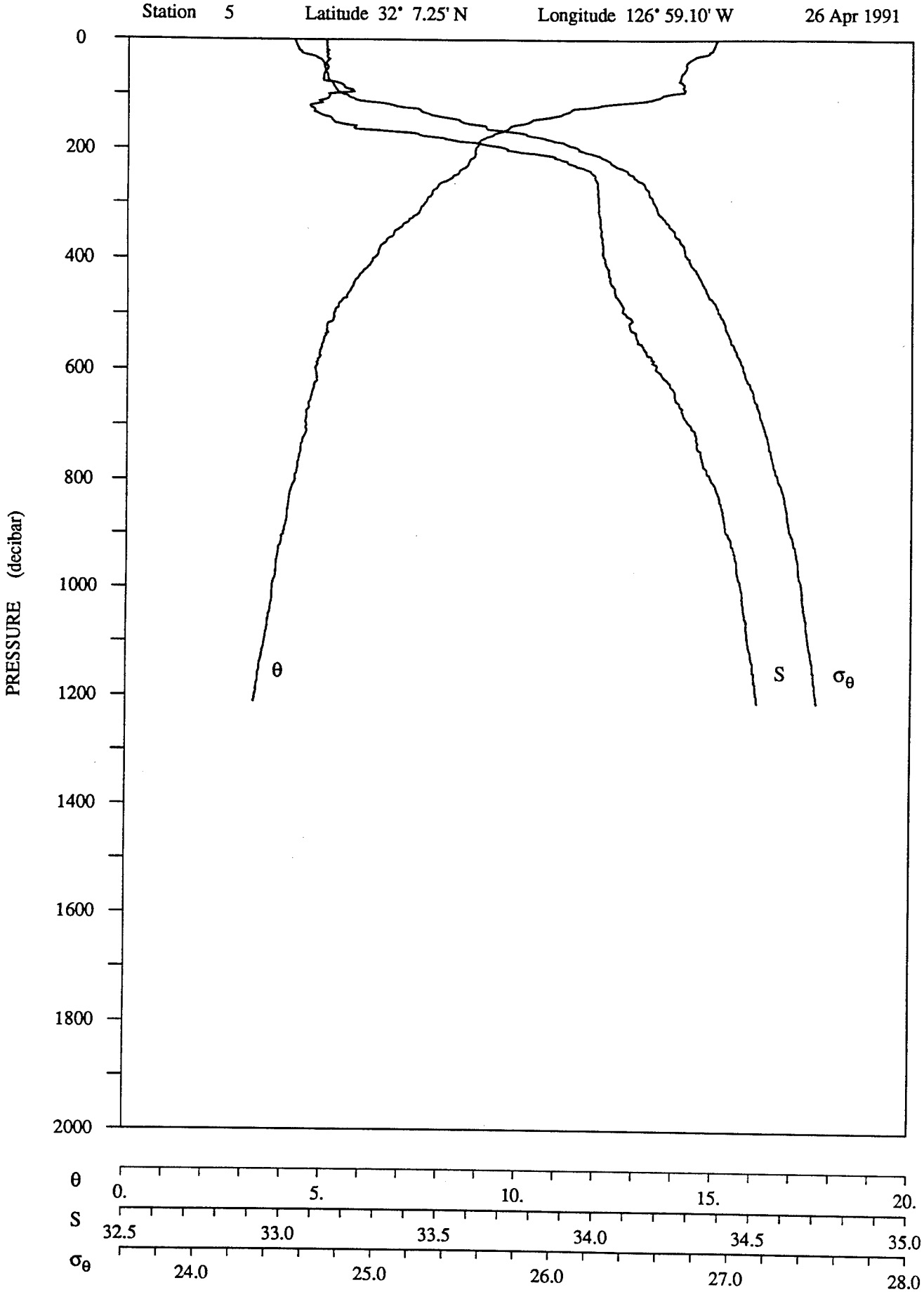
34.6
34.8
SALINITY (‰)


Station 5
Latitude 32° 7.25' N
Longitude 126° 59.10' W
26 Apr 1991
PRESSURE (decibar)
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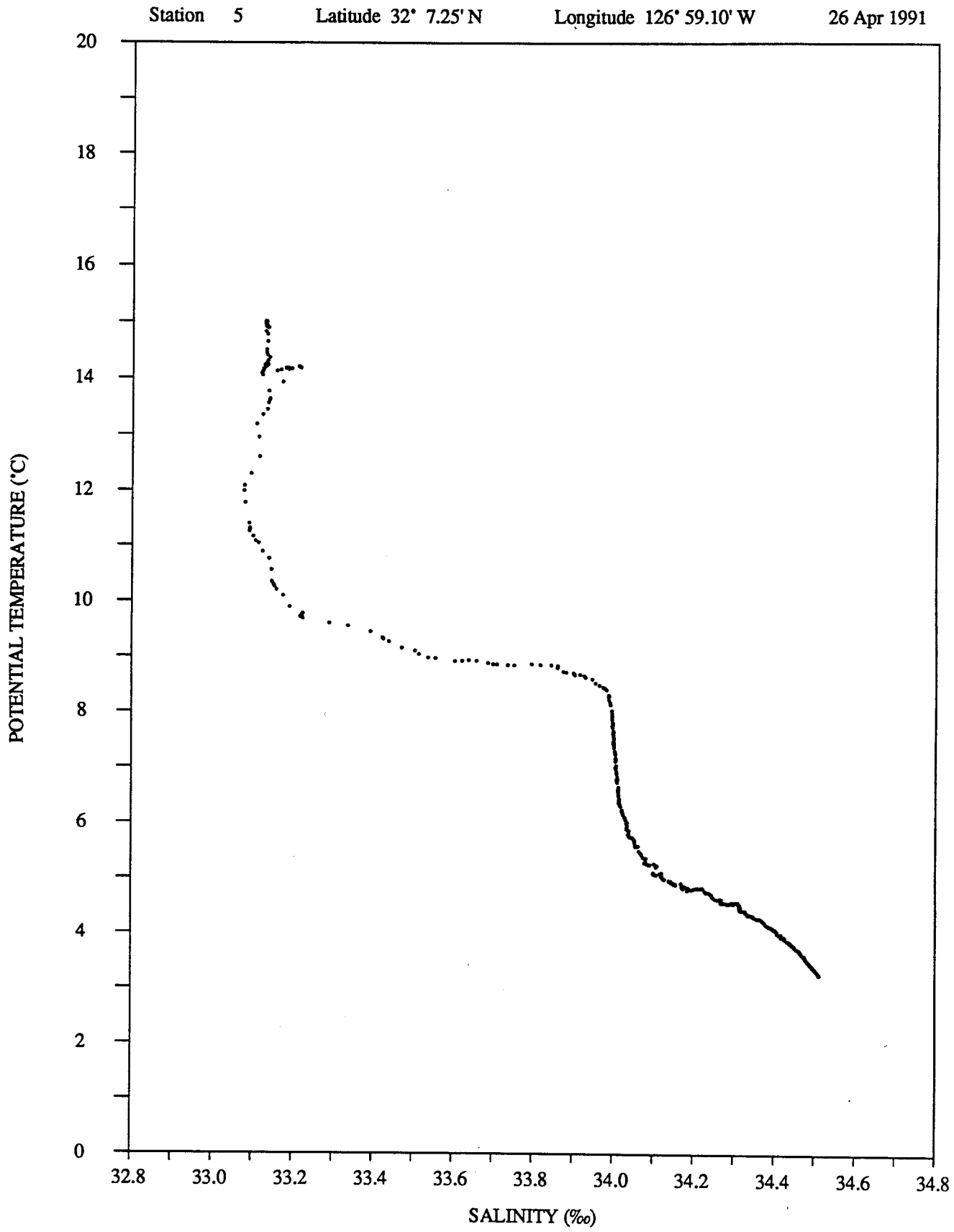
Station 5
Latitude 32° 7.25' N
Longitude 126° 59.10' W
26 Apr 1991
POTENTIAL TEMPERATURE (°C)
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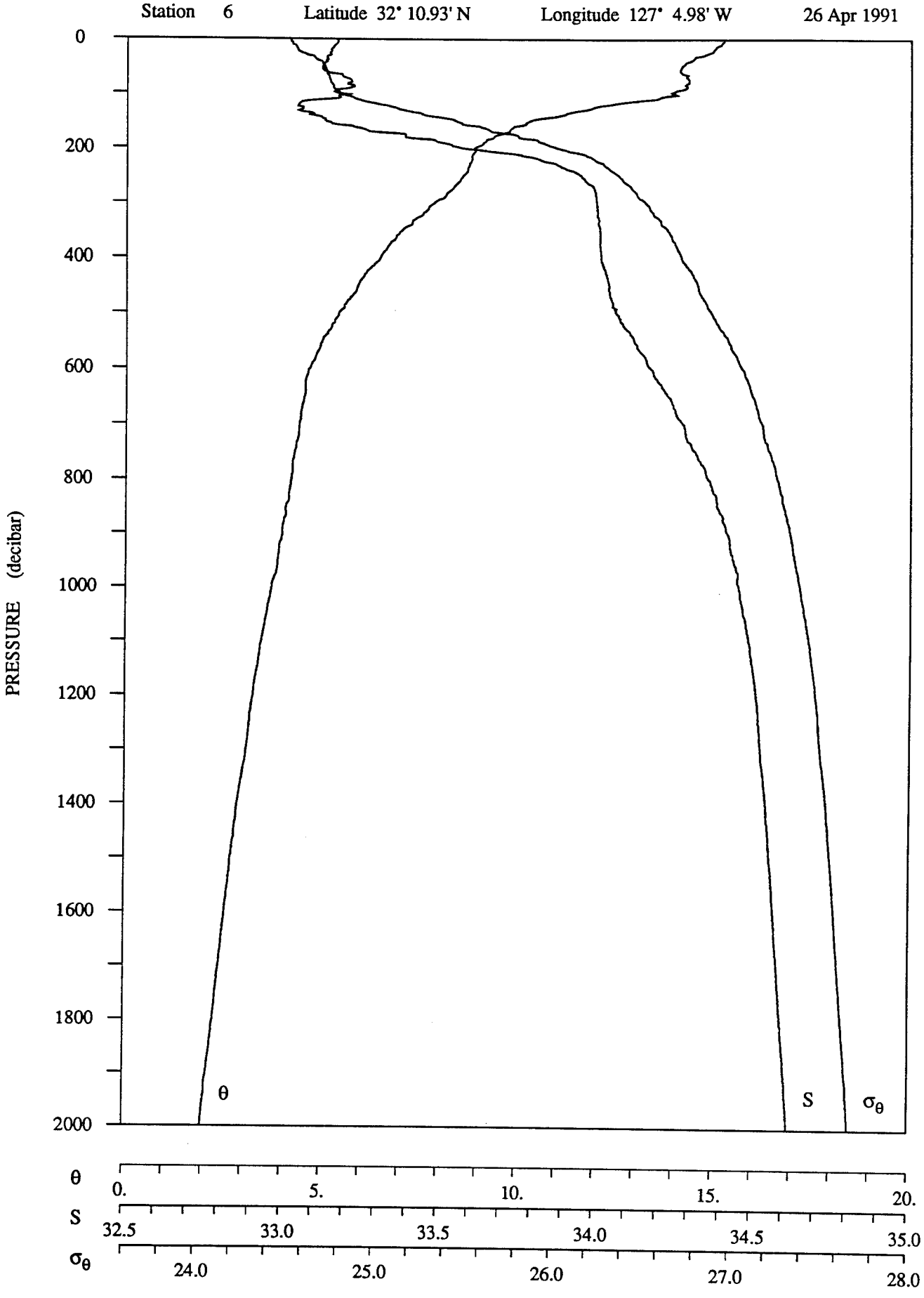
34.8
SALINITY (‰)


Station 6
Latitude 32° 10.93' N
Longitude 127° 4.98' W
26 Apr 1991
PRESSURE (decibar)
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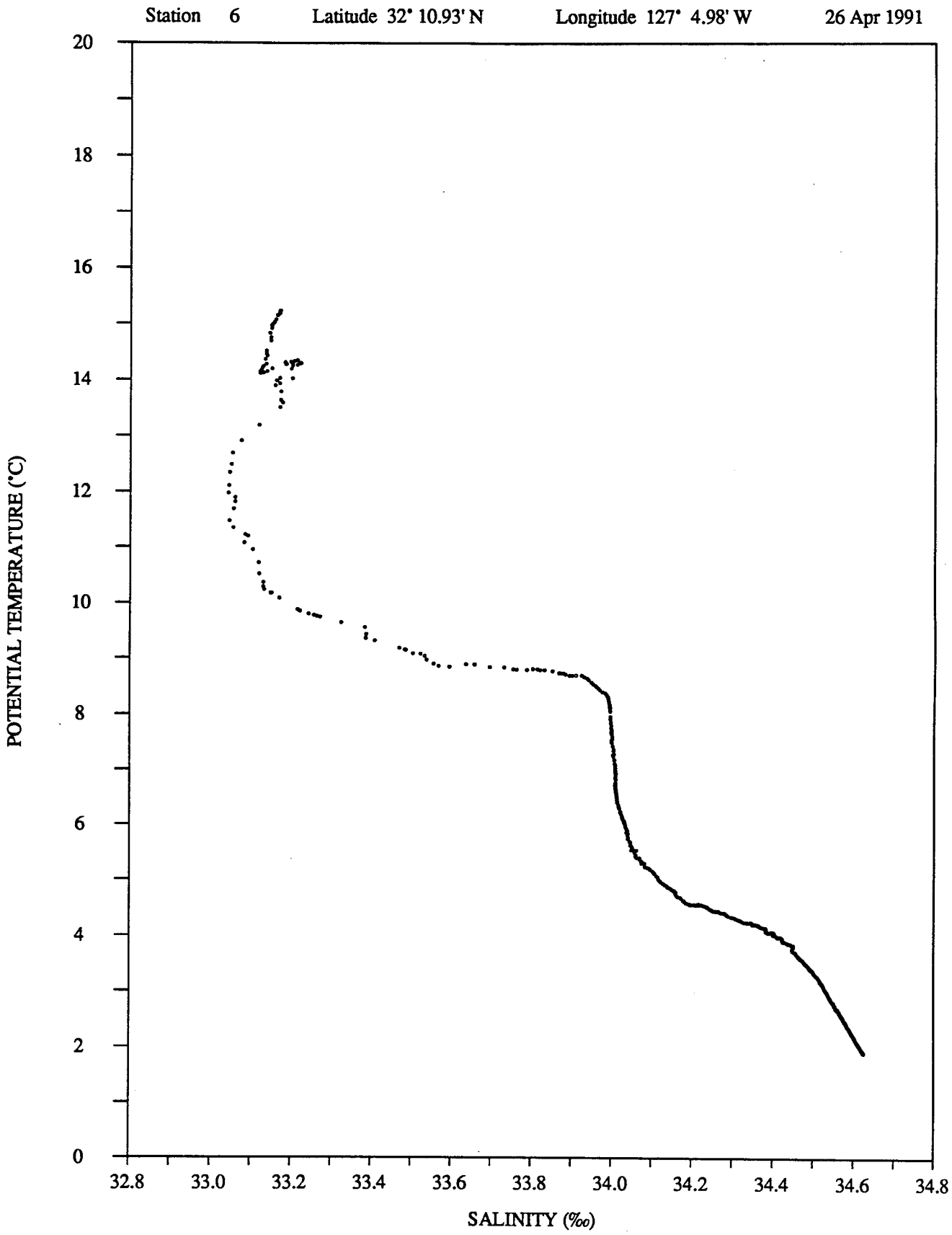
Station 6
Latitude 32° 10.93' N
Longitude 127° 4.98' W
26 Apr 1991
POTENTIAL TEMPERATURE (°C)
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34.8
SALINITY (‰)

Station 7
Latitude 32° 15.29' N
Longitude 127° 12.05' W
26 Apr 1991
PRESSURE (decibar)
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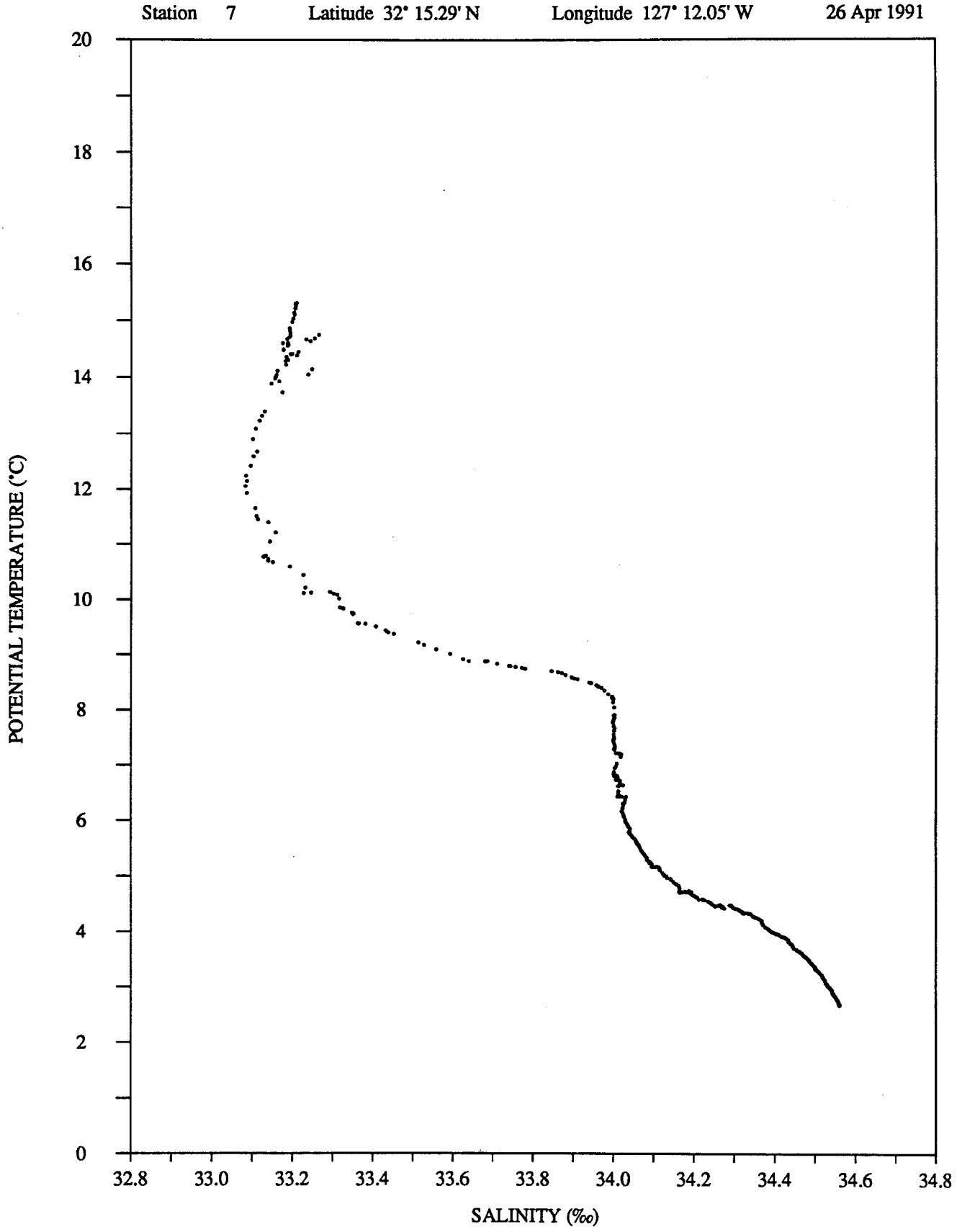
Station 7
Latitude 32° 15.29' N
Longitude 127° 12.05' W
26 Apr 1991
POTENTIAL TEMPERATURE (°C)
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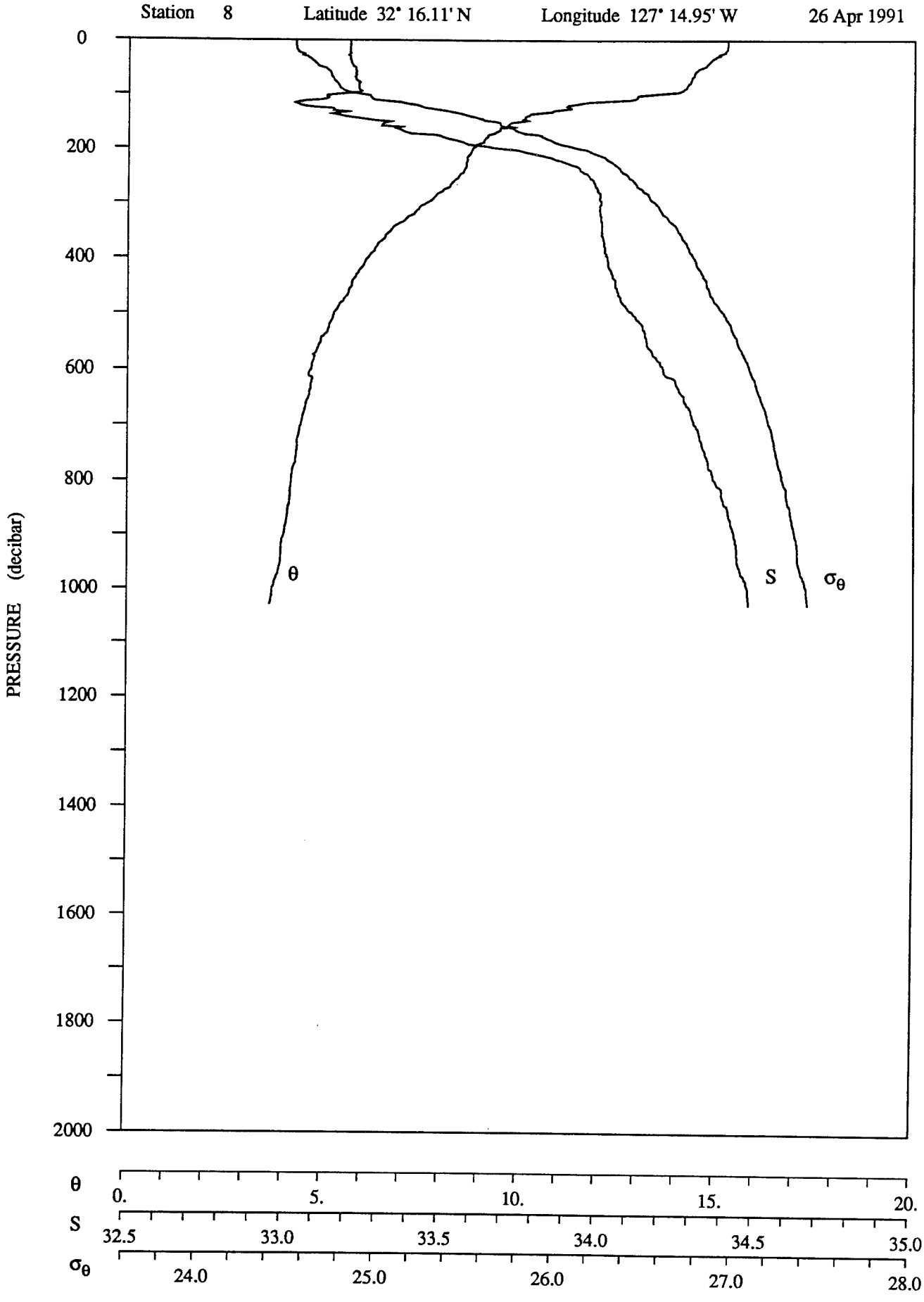
34.8
SALINITY (‰)


Station 8
Latitude 32° 16.11' N
Longitude 127° 14.95' W
26 Apr 1991
PRESSURE (decibar)
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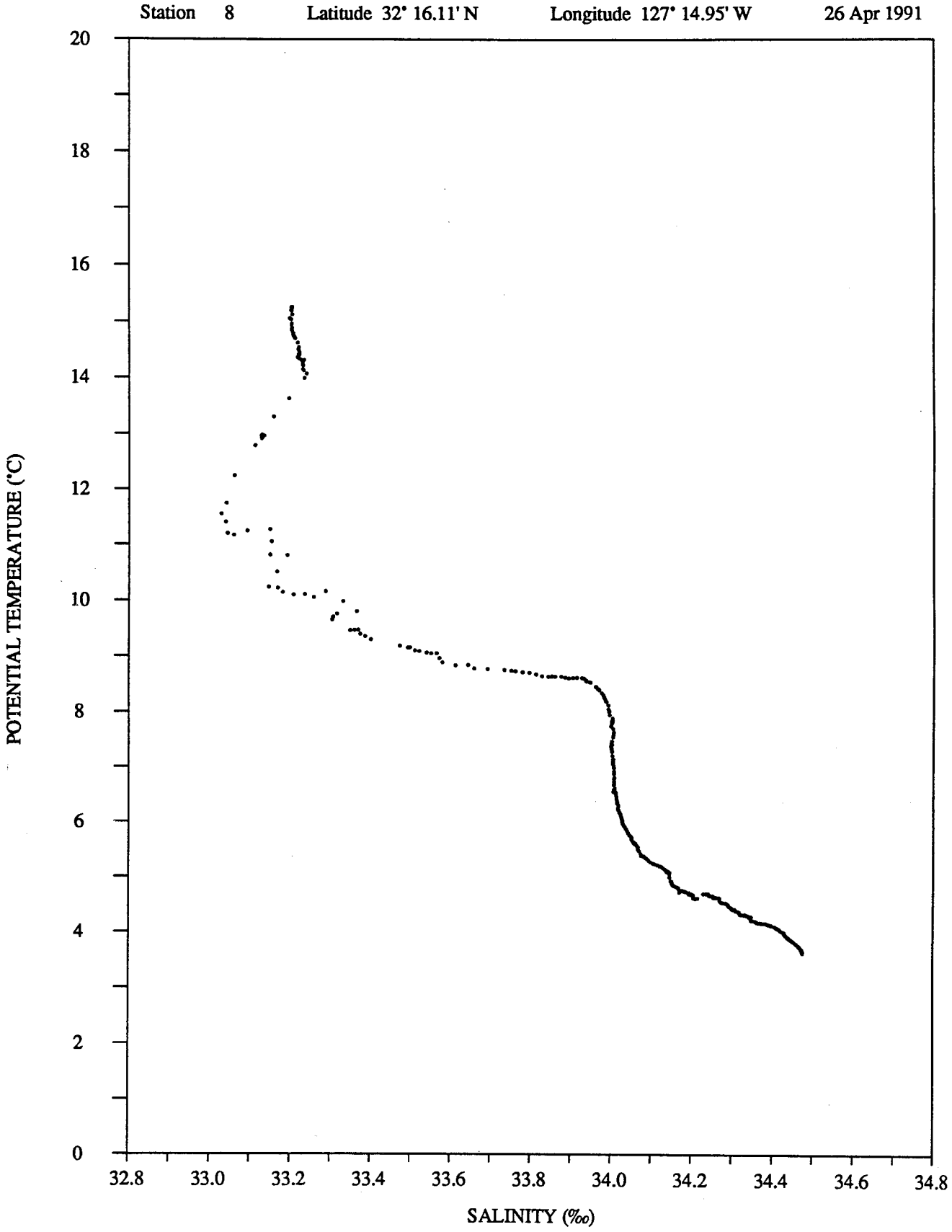
Station 8
Latitude 32° 16.11' N
Longitude 127° 14.95' W
26 Apr 1991
POTENTIAL TEMPERATURE (°C)
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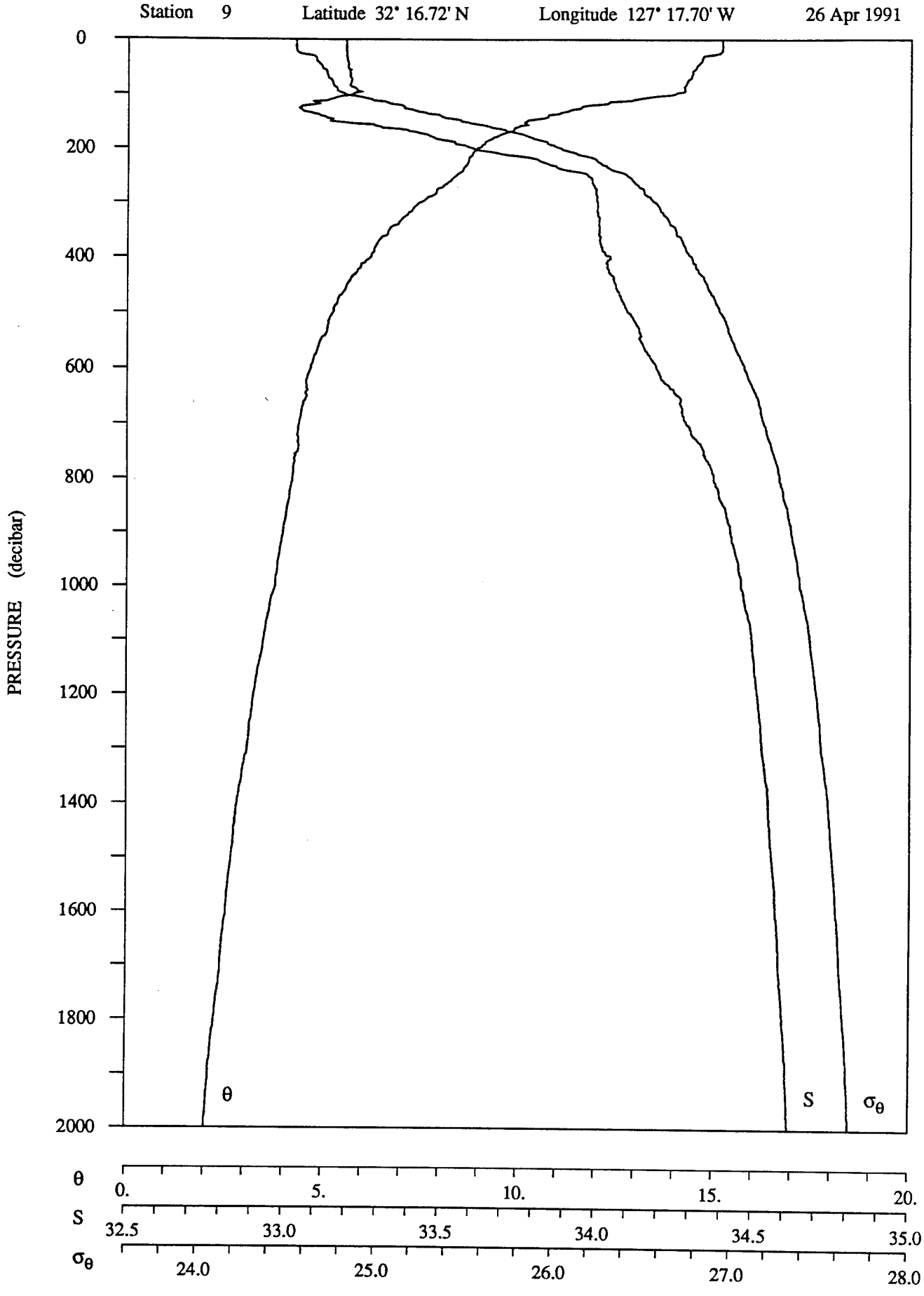
34.8
SALINITY (‰)


Station 9
Latitude 32° 16.72' N
Longitude 127° 17.70' W
26 Apr 1991
PRESSURE (decibar)
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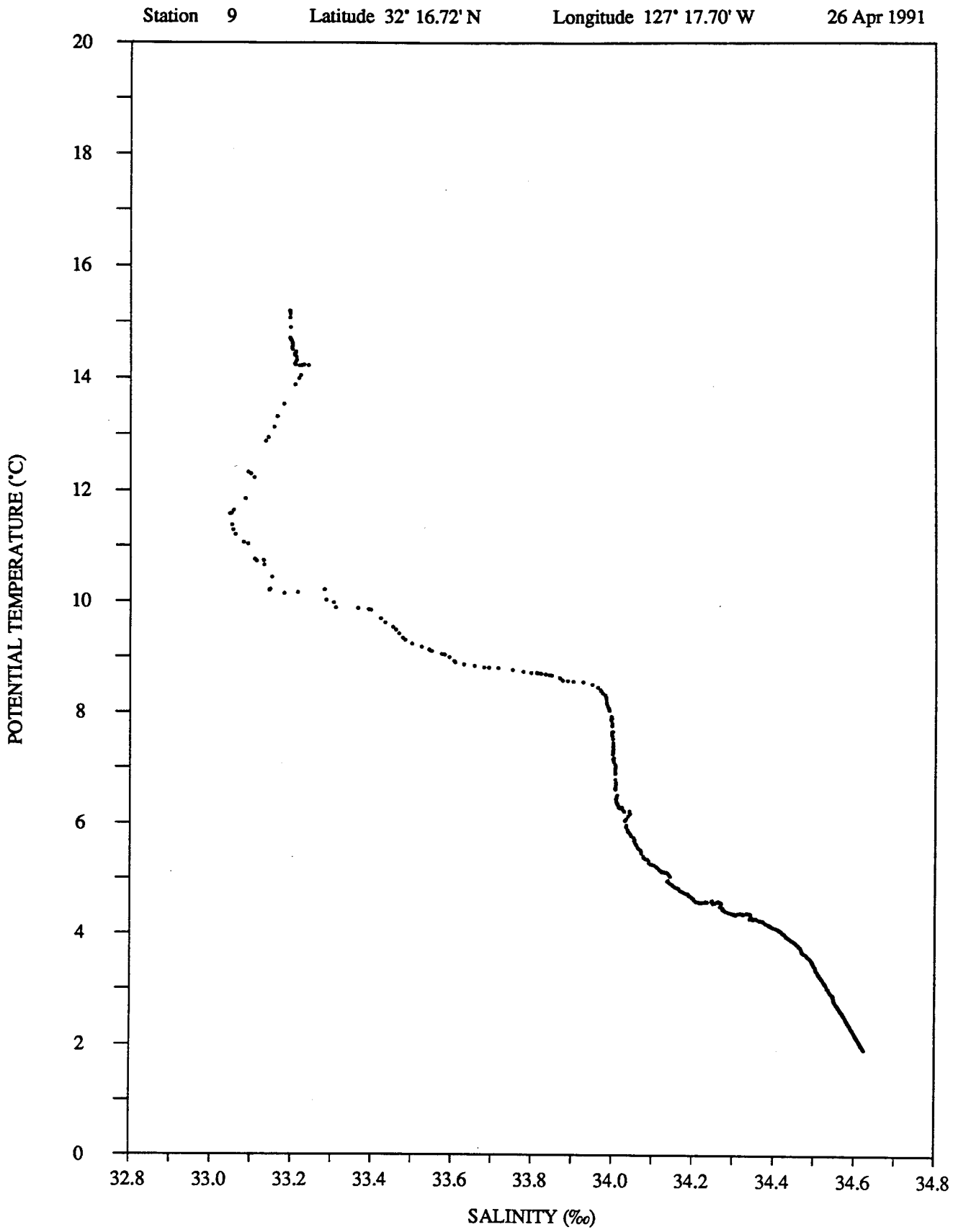
Station 9
Latitude 32° 16.72' N
Longitude 127° 17.70' W
26 Apr 1991
POTENTIAL TEMPERATURE (°C)
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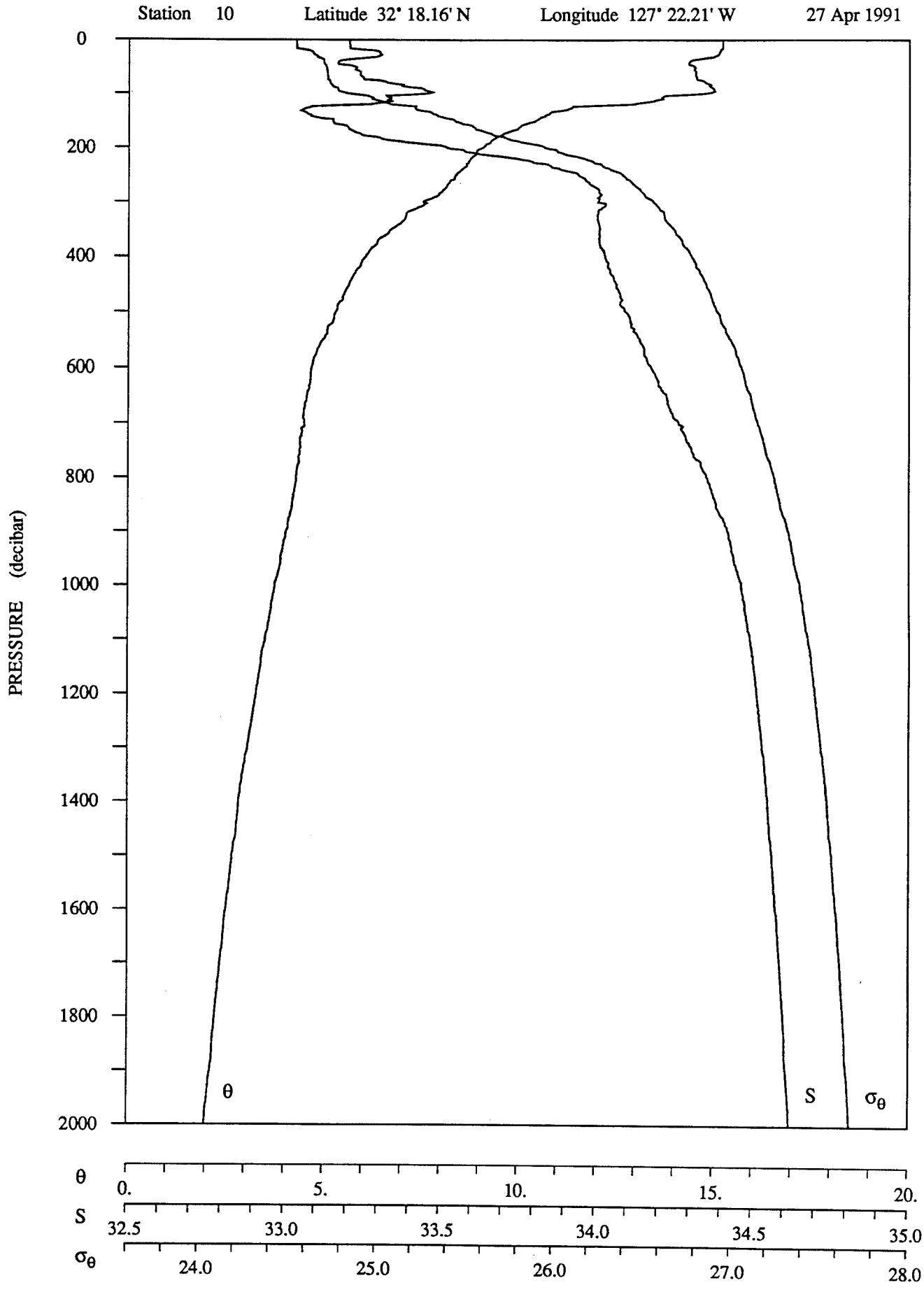
34.6
34.8
SALINITY (‰)


Station 10
Latitude 32° 18.16' N
Longitude 127° 22.21' W
27 Apr 1991
PRESSURE (decibar)
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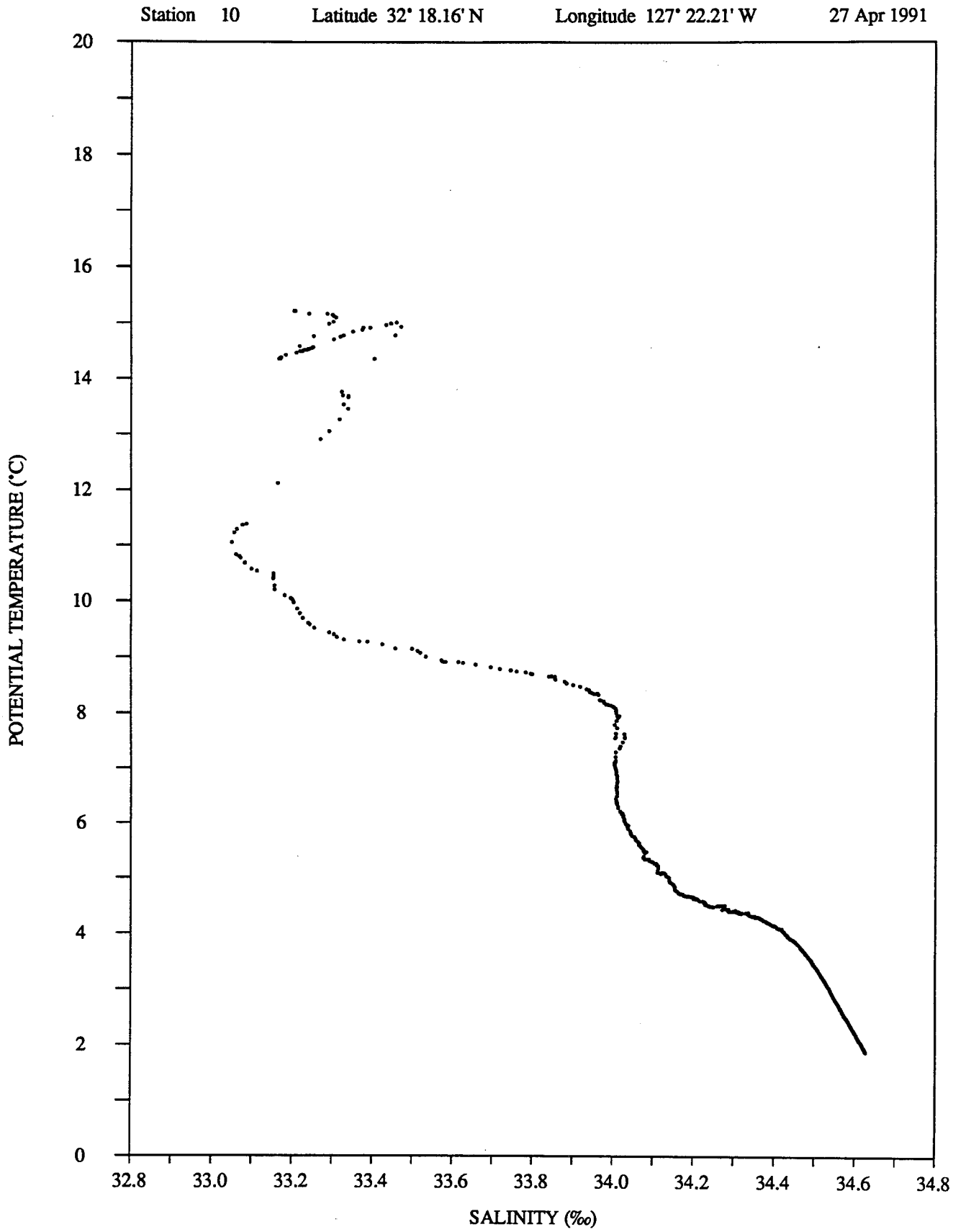
28.0


Station 10
Latitude 32° 18.16' N
Longitude 127° 22.21' W
27 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
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32.8
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33.8
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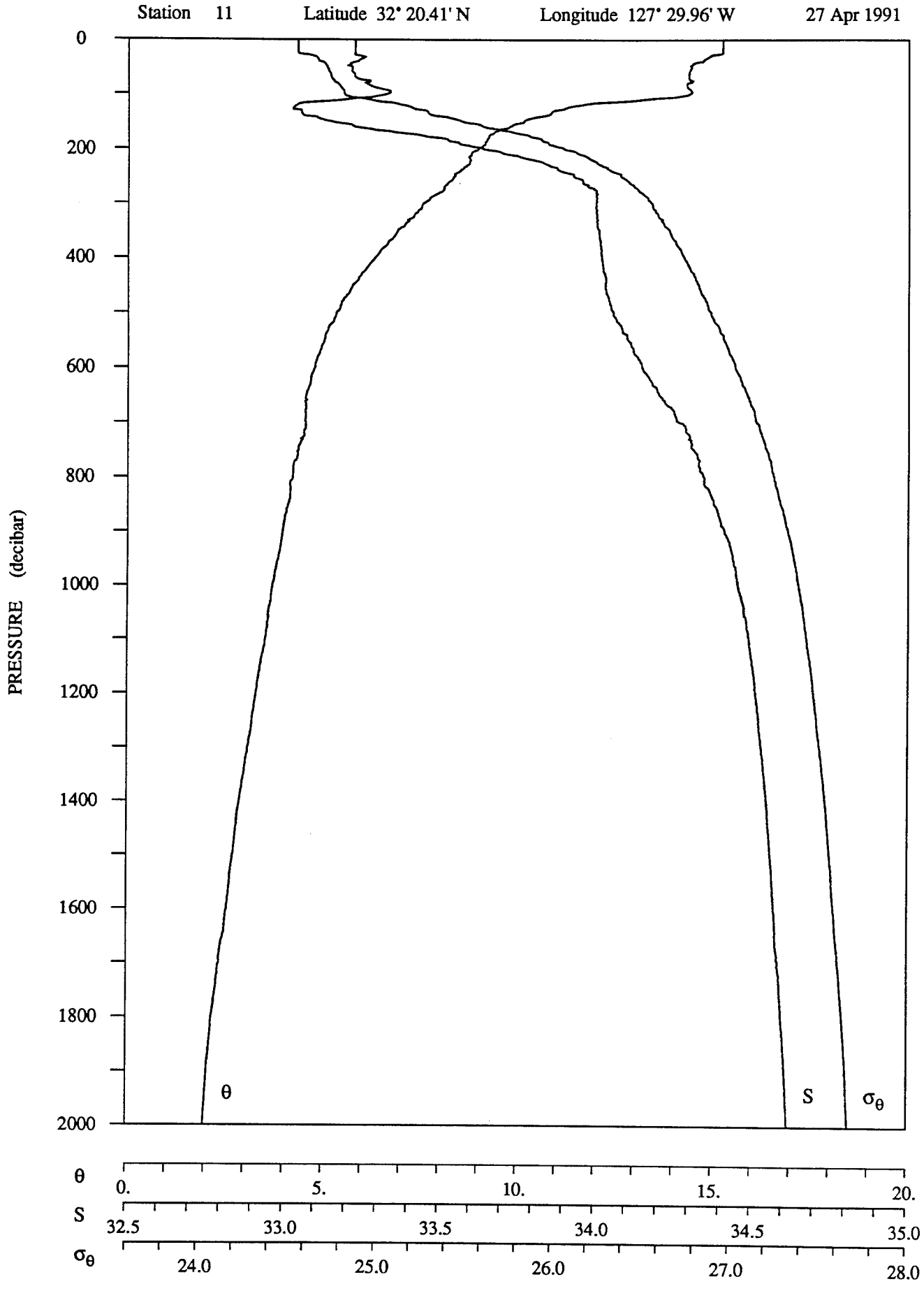
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 11
Latitude 32° 20.41' N
Longitude 127° 29.96' W
27 Apr 1991
PRESSURE (decibar)
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24.0
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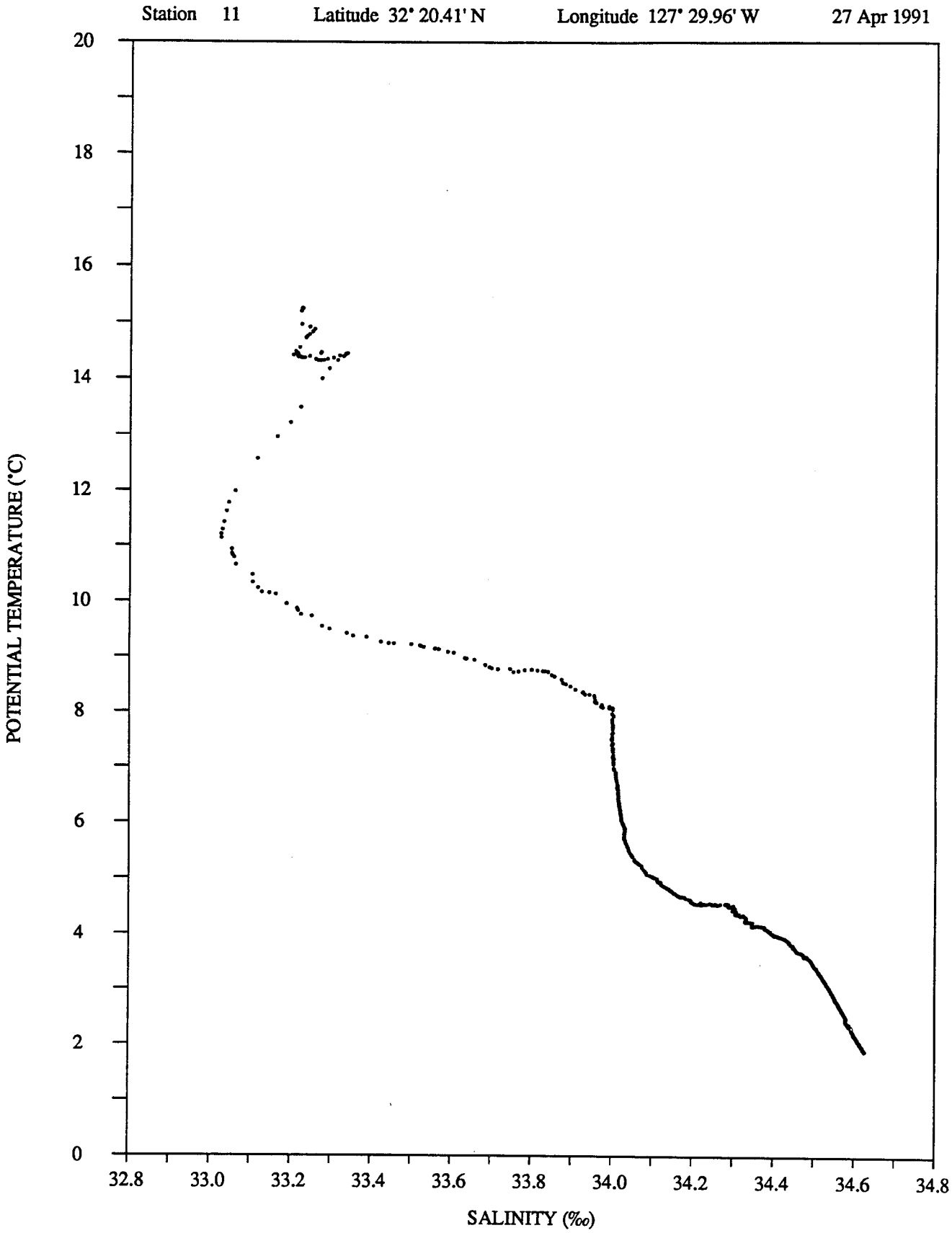
Station 11
Latitude 32° 20.41' N
Longitude 127° 29.96' W
27 Apr 1991
POTENTIAL TEMPERATURE (°C)
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33.2
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34.4
34.6
34.8
SALINITY (‰)

Station 12
Latitude 32° 22.70' N
Longitude 127° 37.38' W
27 Apr 1991
PRESSURE (decibar)
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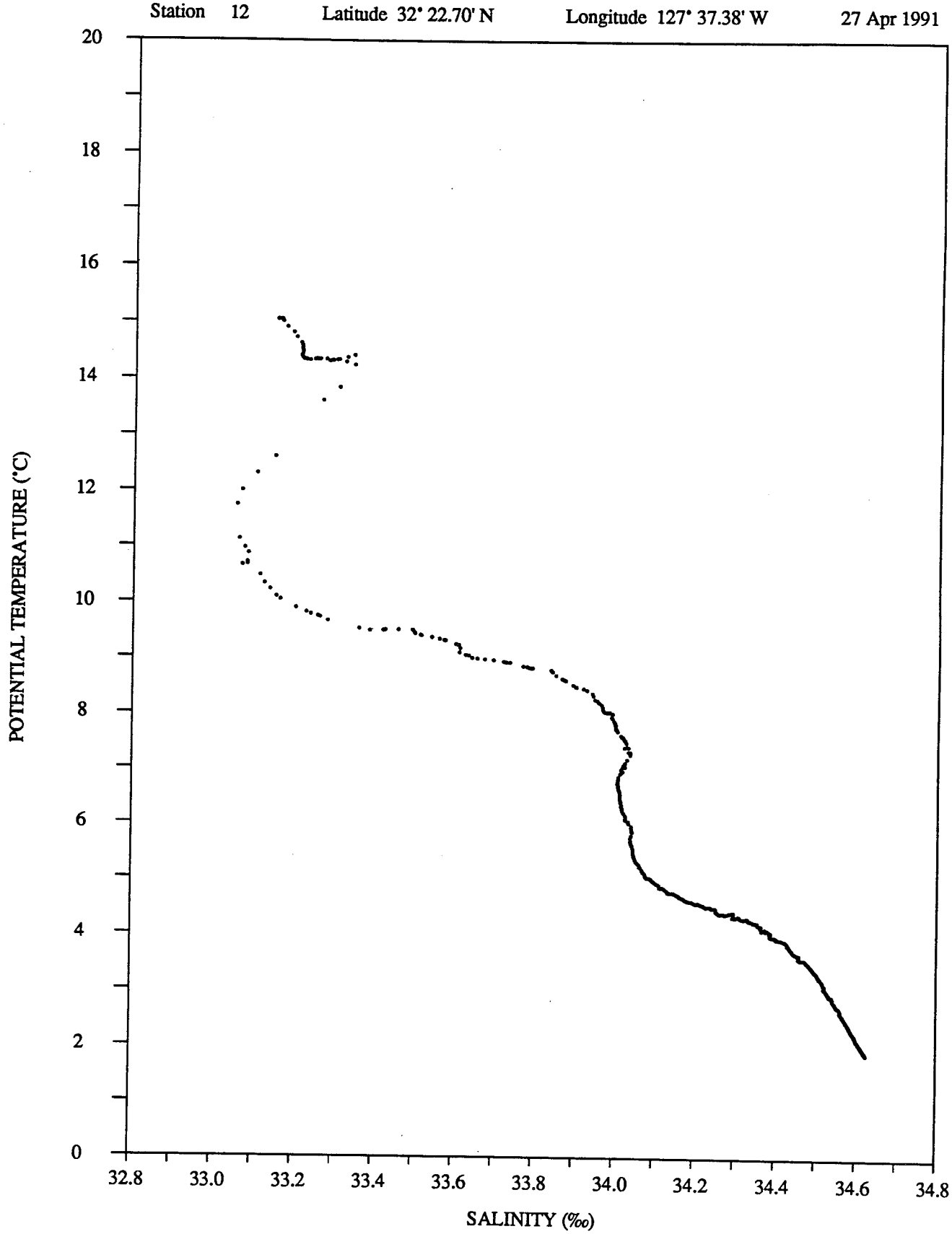
27.0
28.0


Station 12
Latitude 32° 22.70' N
Longitude 127° 37.38' W
27 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
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14
12
10
8
6
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32.8
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33.2
33.4
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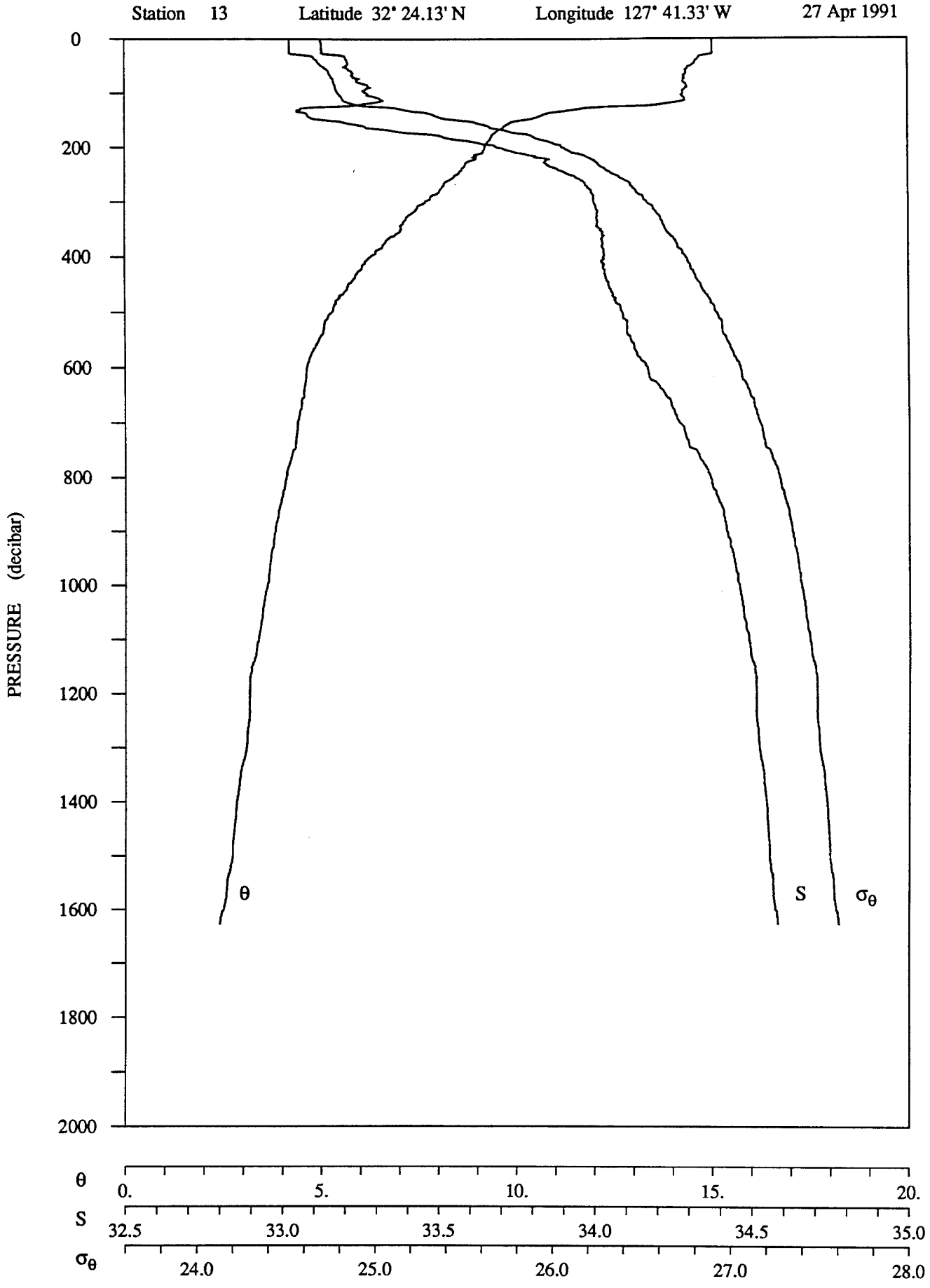
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 13
Latitude 32° 24.13' N
Longitude 127° 41.33' W
27 Apr 1991
PRESSURE (decibar)
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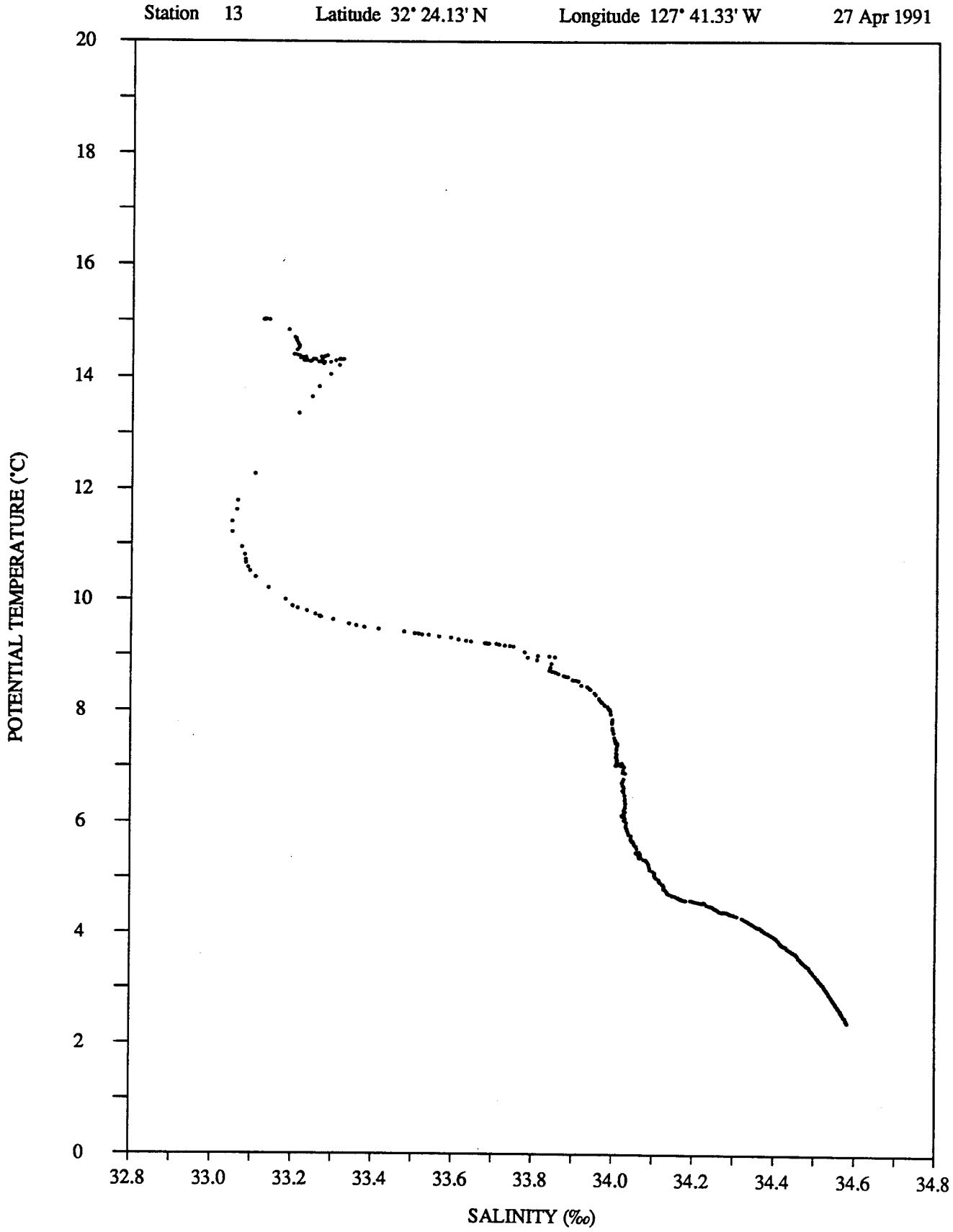
Station 13
Latitude 32° 24.13' N
Longitude 127° 41.33' W
27 Apr 1991
POTENTIAL TEMPERATURE (°C)
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10
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32.8
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33.2
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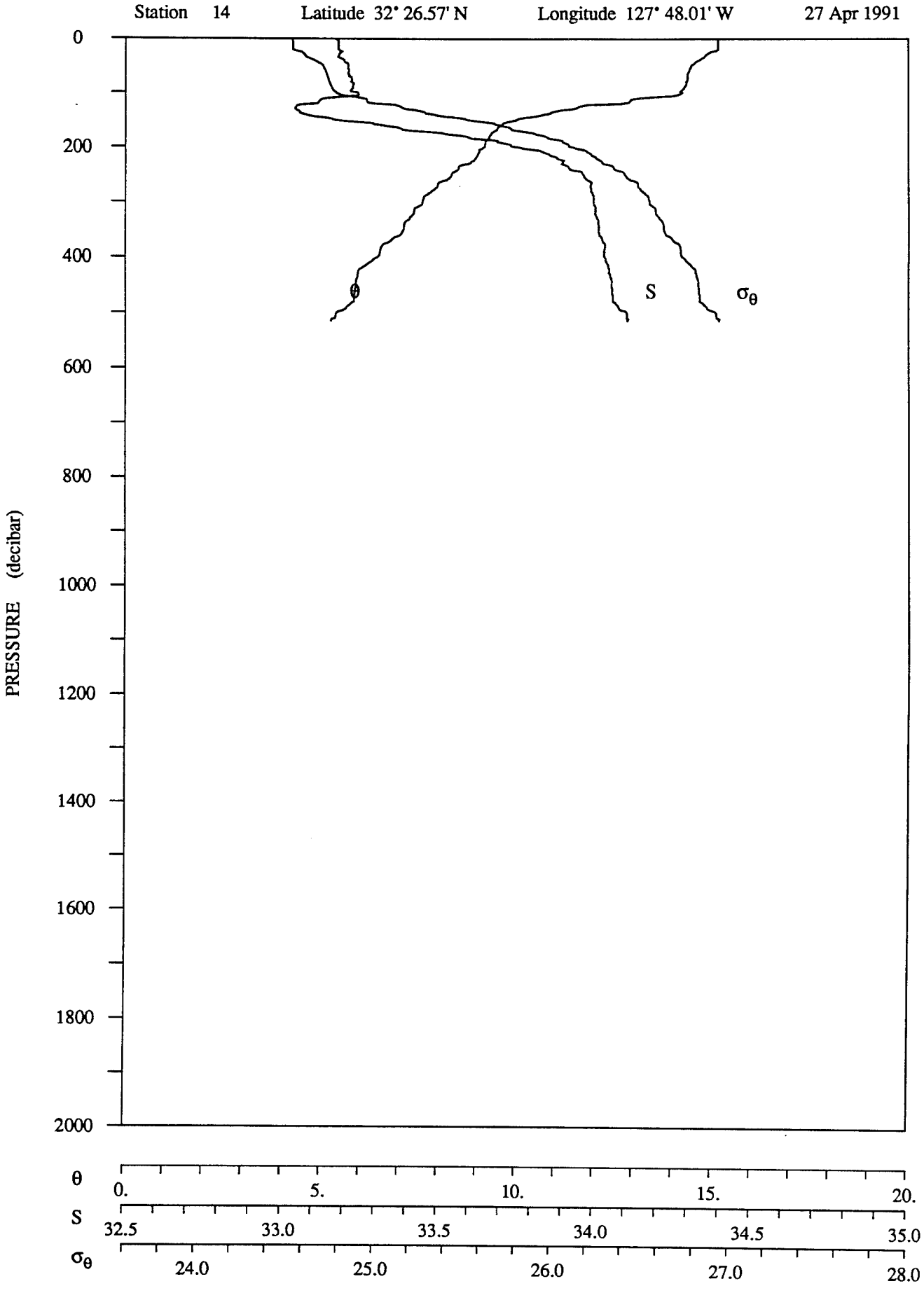
34.8
SALINITY (‰)


Station 14
Latitude 32° 26.57' N
Longitude 127° 48.01' W
27 Apr 1991
PRESSURE (decibar)
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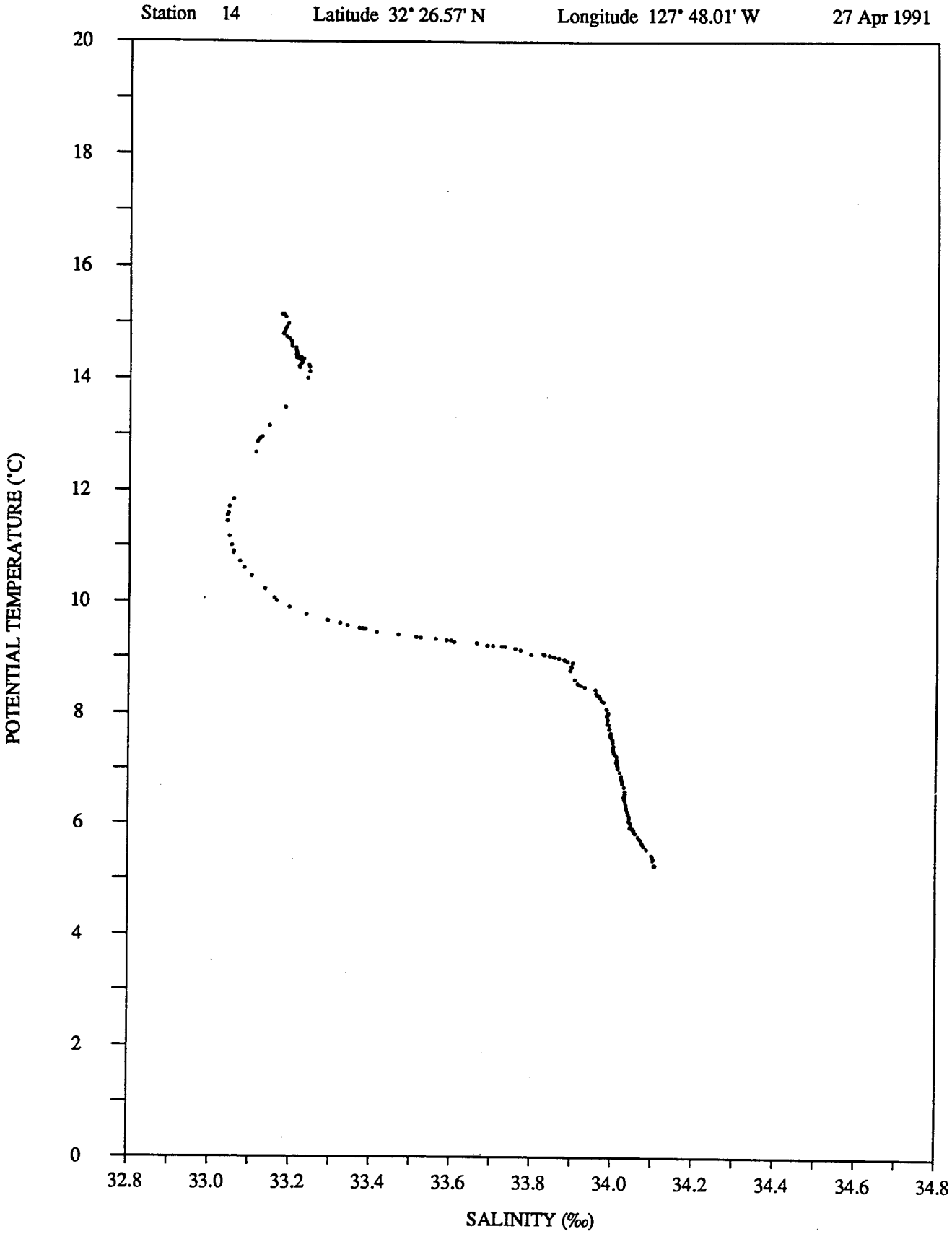
Station 14
Latitude 32° 26.57' N
Longitude 127° 48.01' W
27 Apr 1991
POTENTIAL TEMPERATURE (°C)
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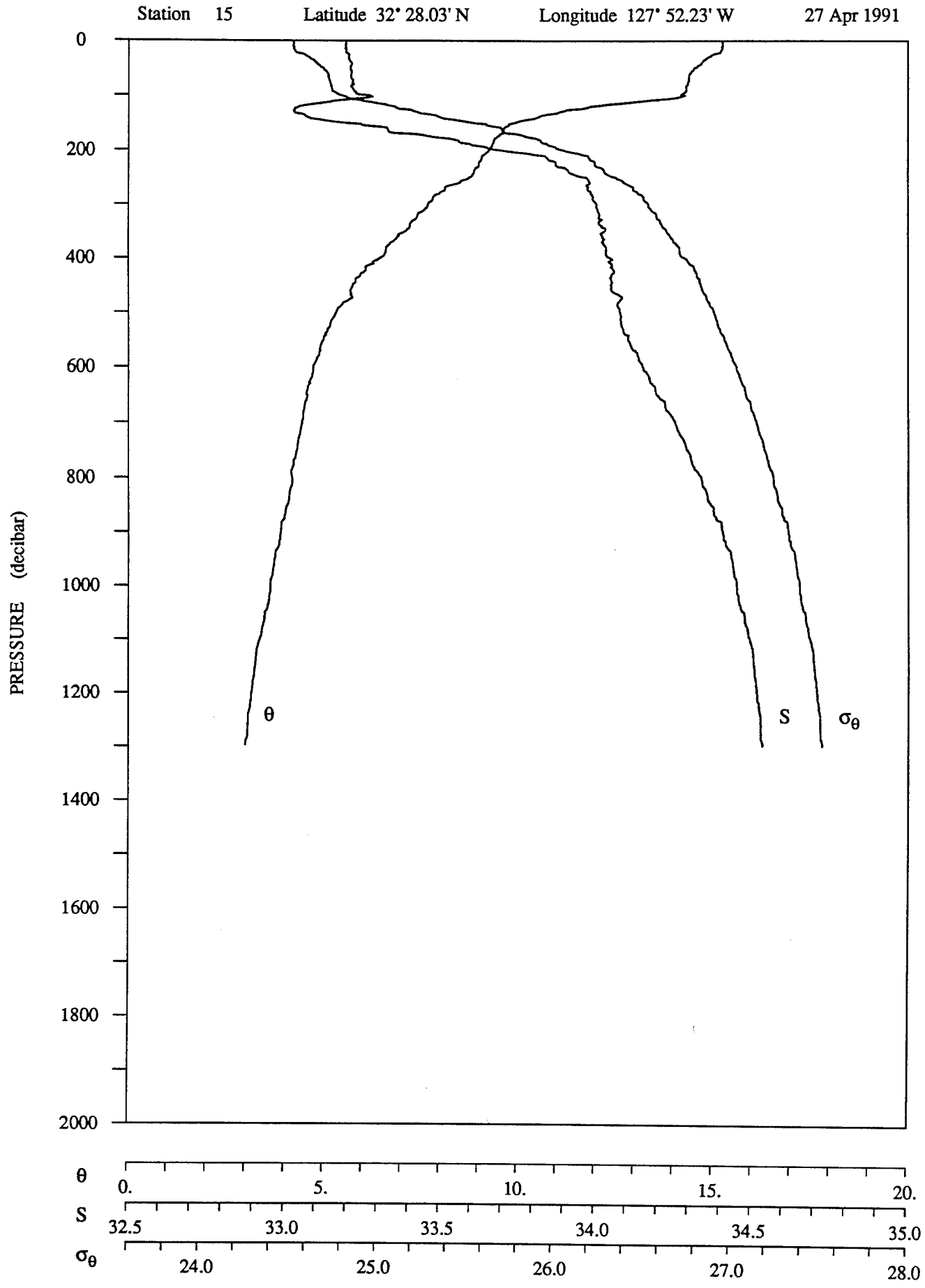
34.6
34.8
SALINITY (‰)


Station 15
Latitude 32° 28.03' N
Longitude 127° 52.23' W
27 Apr 1991
PRESSURE (decibar)
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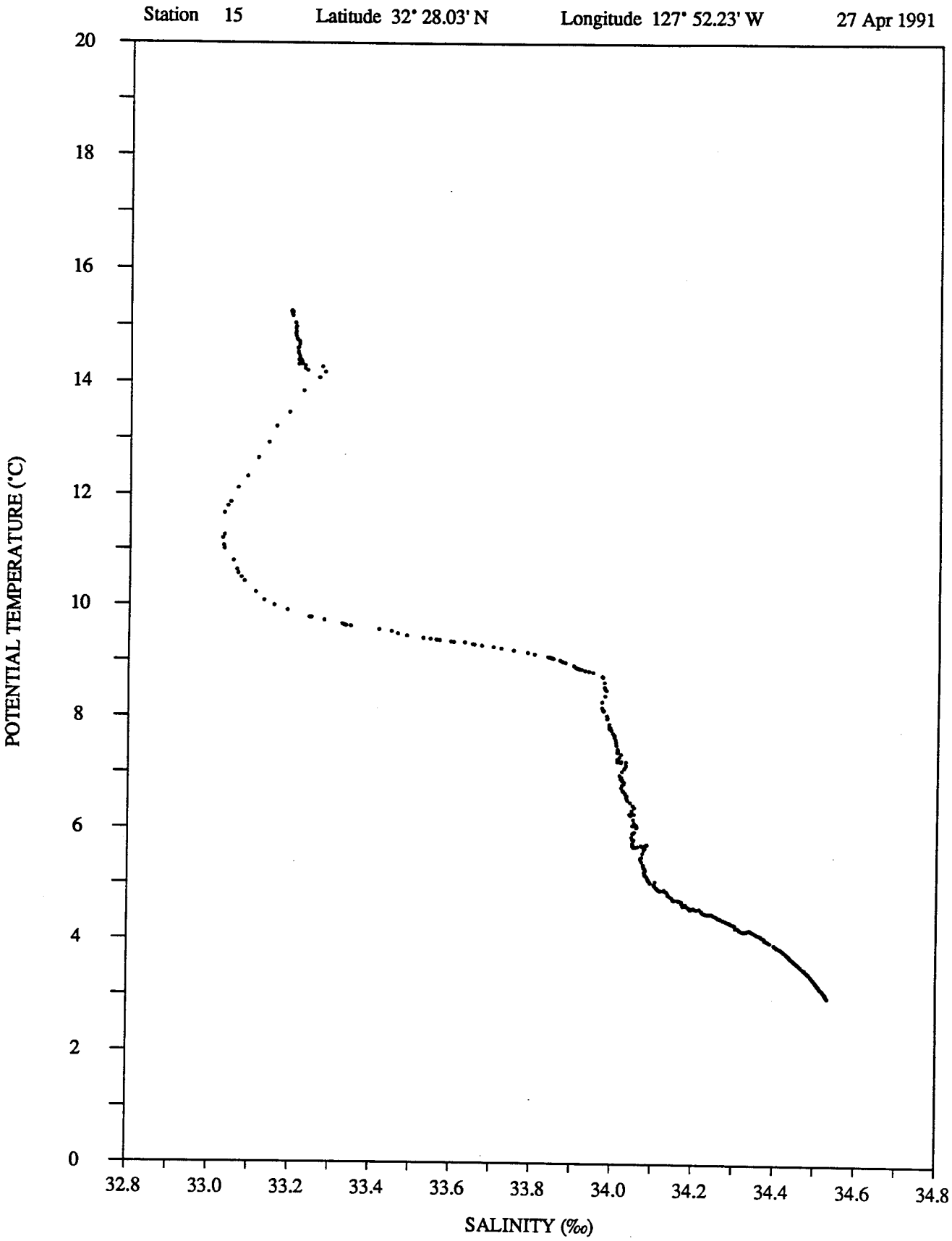
Station 15
Latitude 32° 28.03' N
Longitude 127° 52.23' W
27 Apr 1991
POTENTIAL TEMPERATURE (°C)
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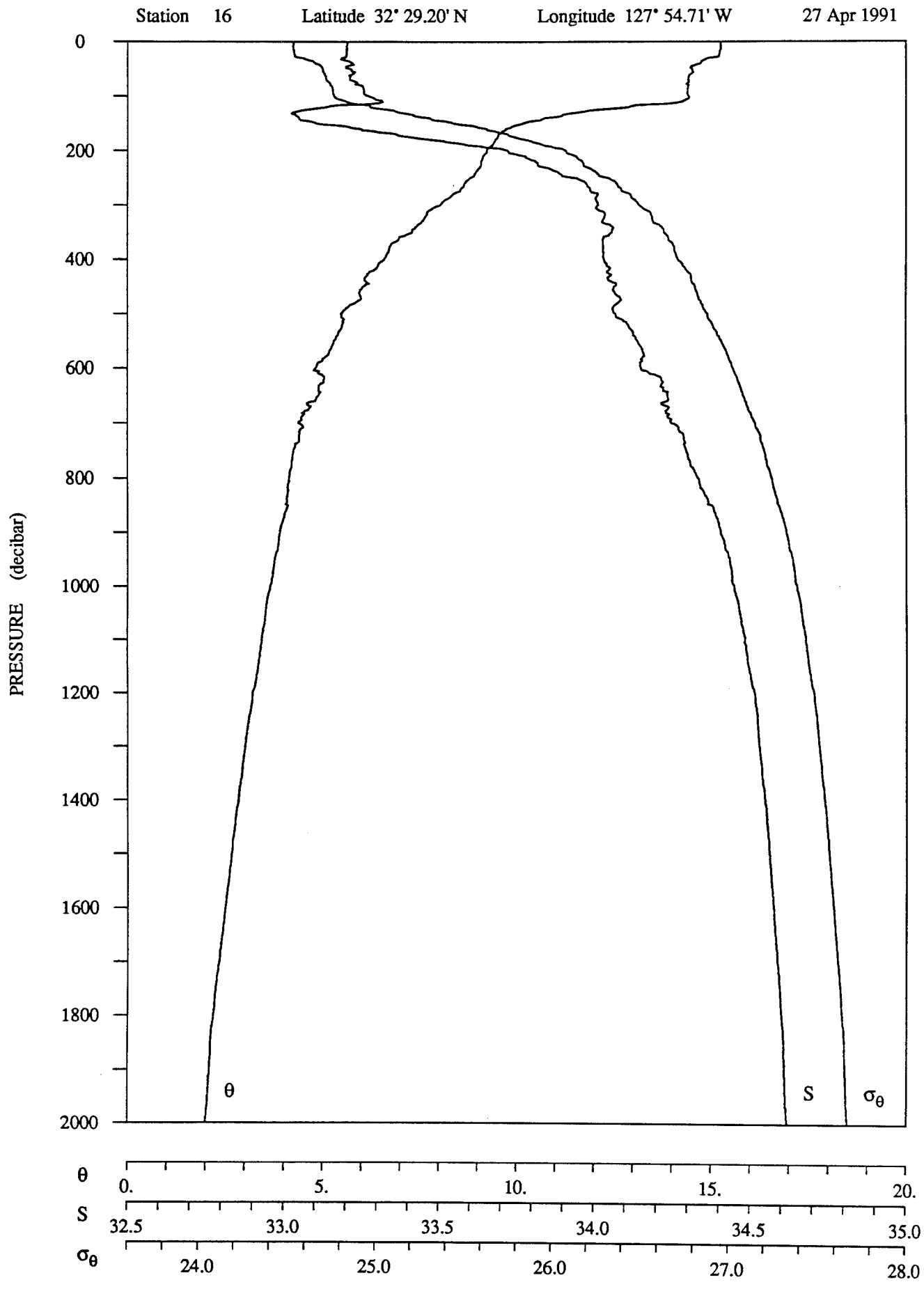
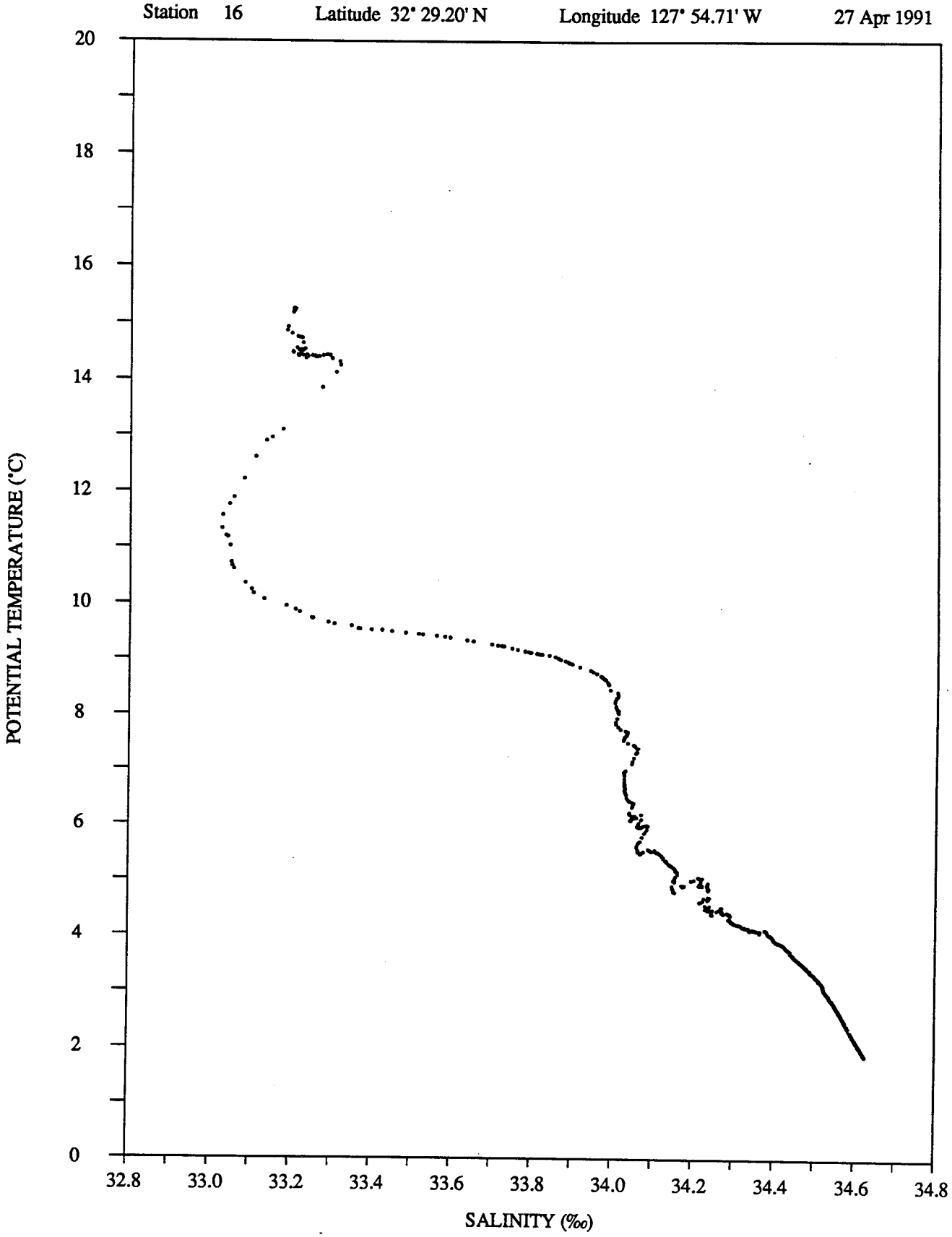
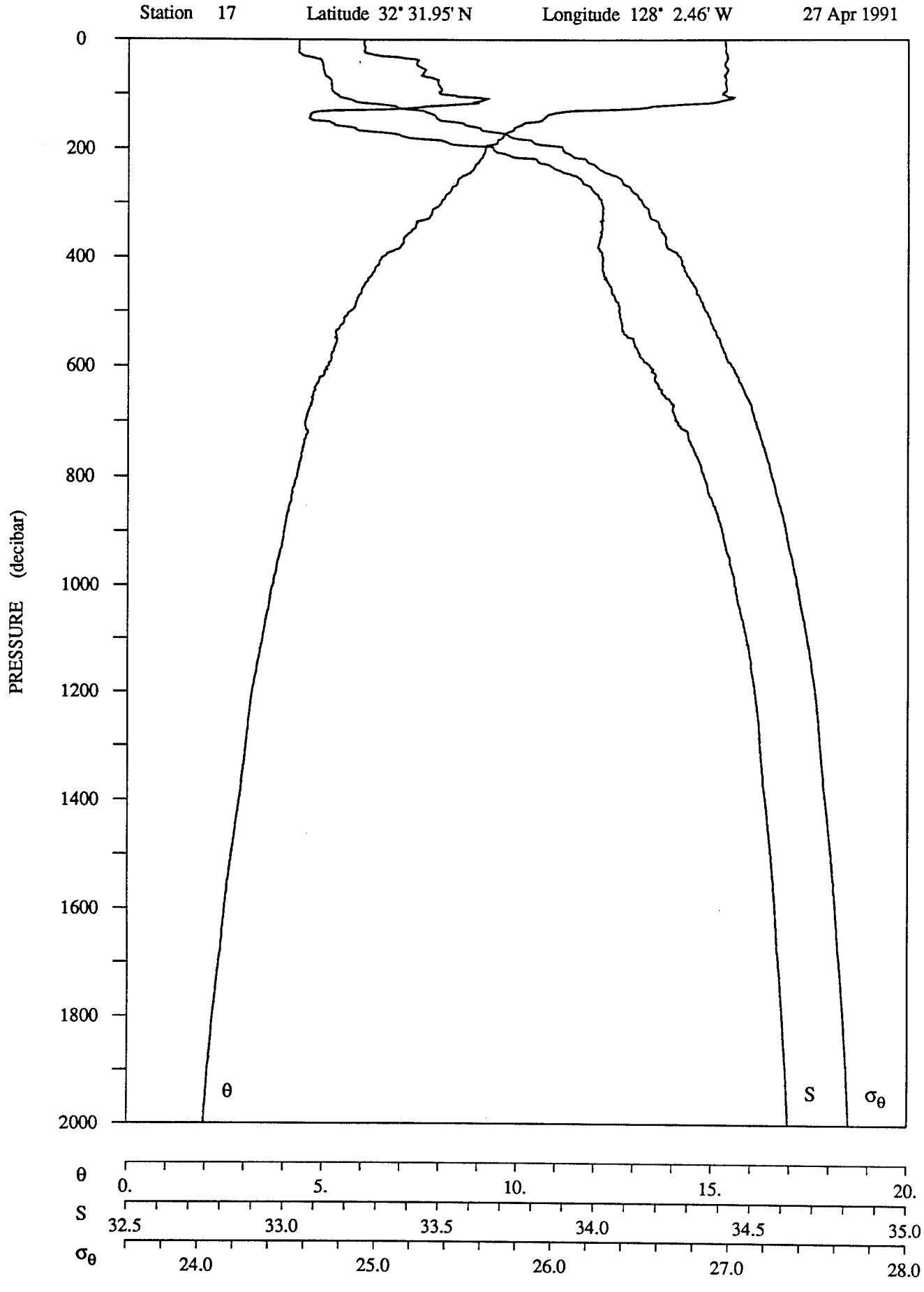
34.8
SALINITY (‰)


Station 16
Latitude 32° 29.20' N
Longitude 127° 54.71' W
27 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 16
Latitude 32° 29.20' N
Longitude 127° 54.71' W
27 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 17
Latitude 32° 31.95' N
Longitude 128° 2.46' W
27 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
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20.
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33.0
33.5
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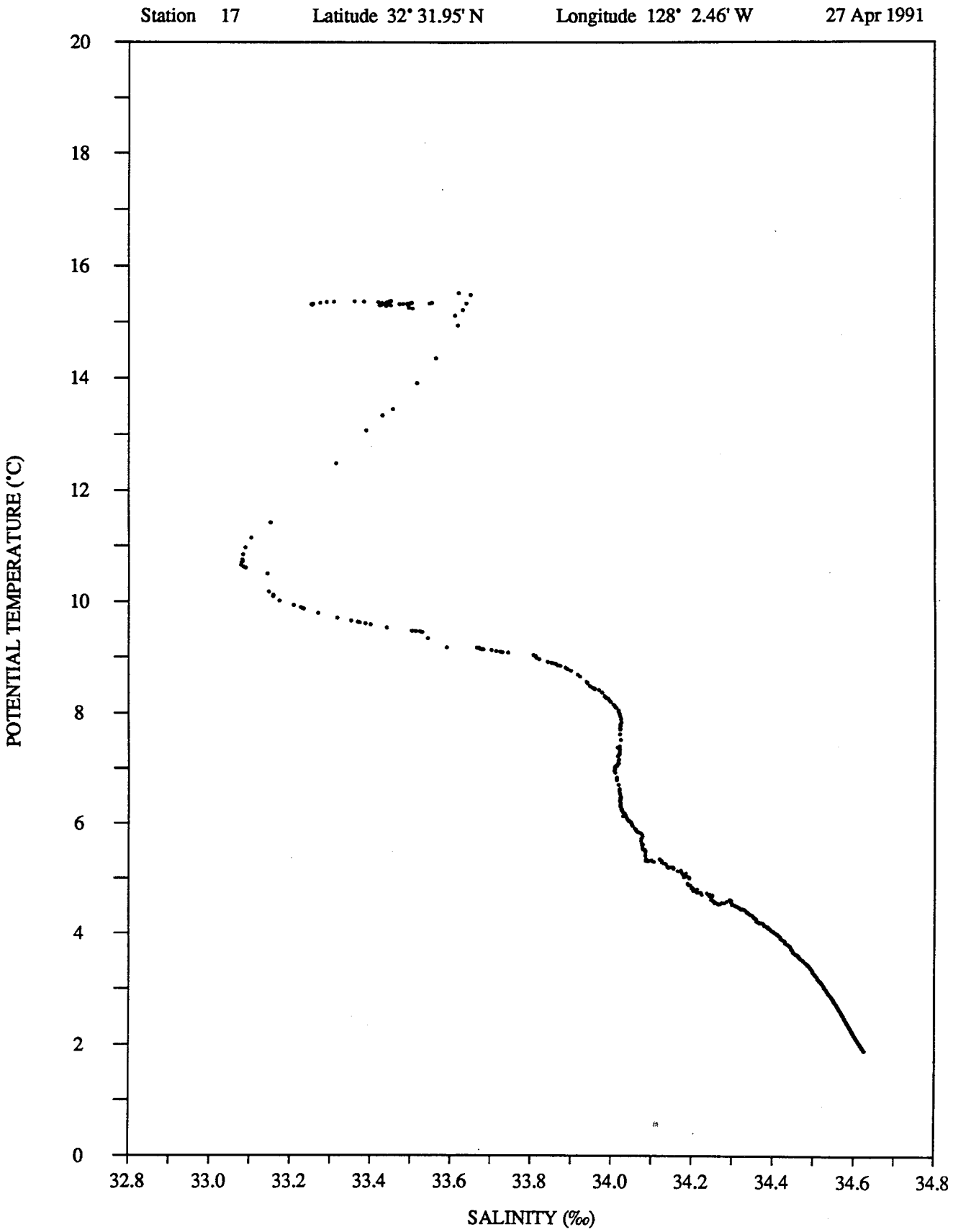
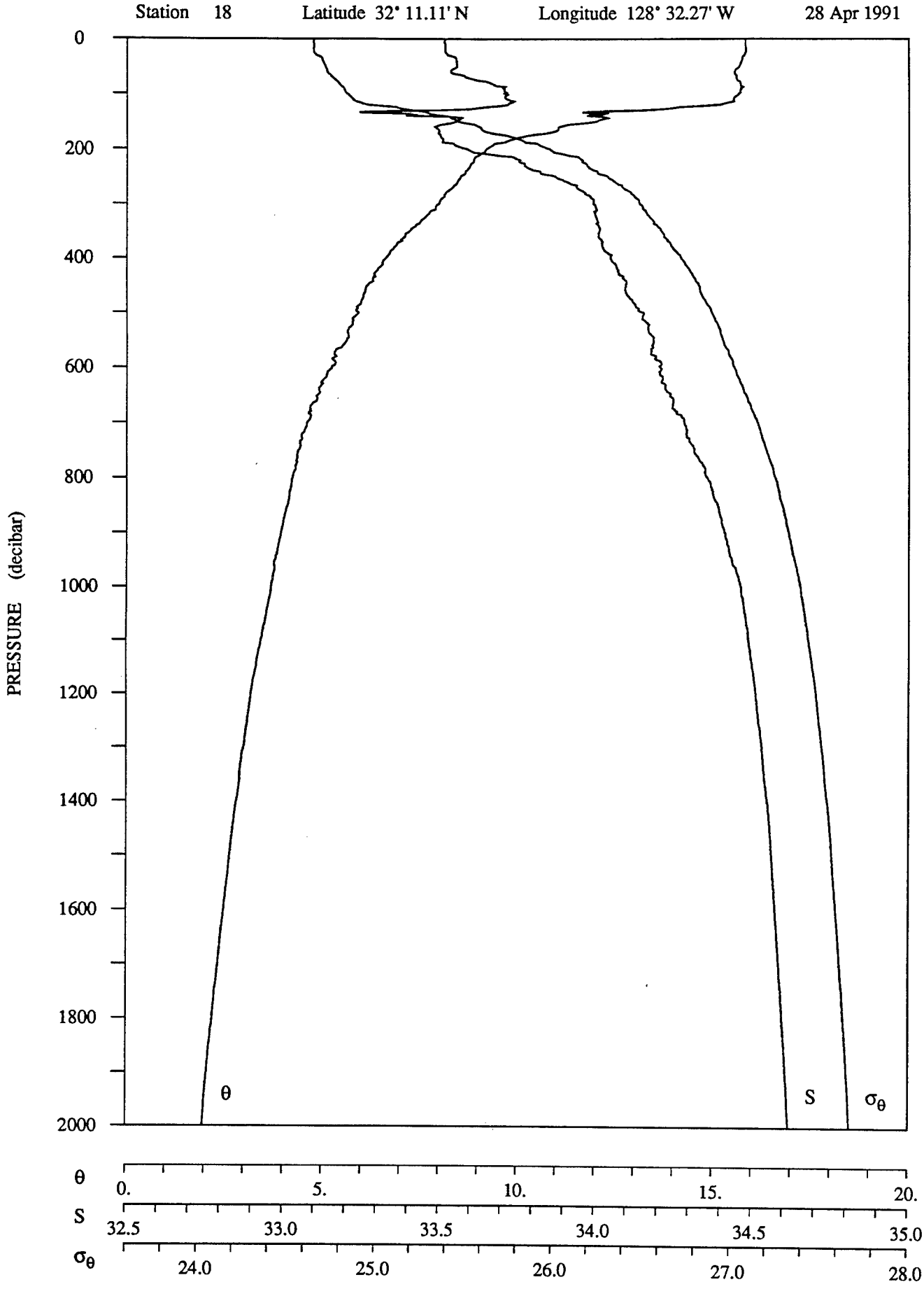
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 17
Latitude 32° 31.95' N
Longitude 128° 2.46' W
27 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 18
Latitude 32° 11.11' N
Longitude 128° 32.27' W
28 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
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34.5
35.0
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26.0
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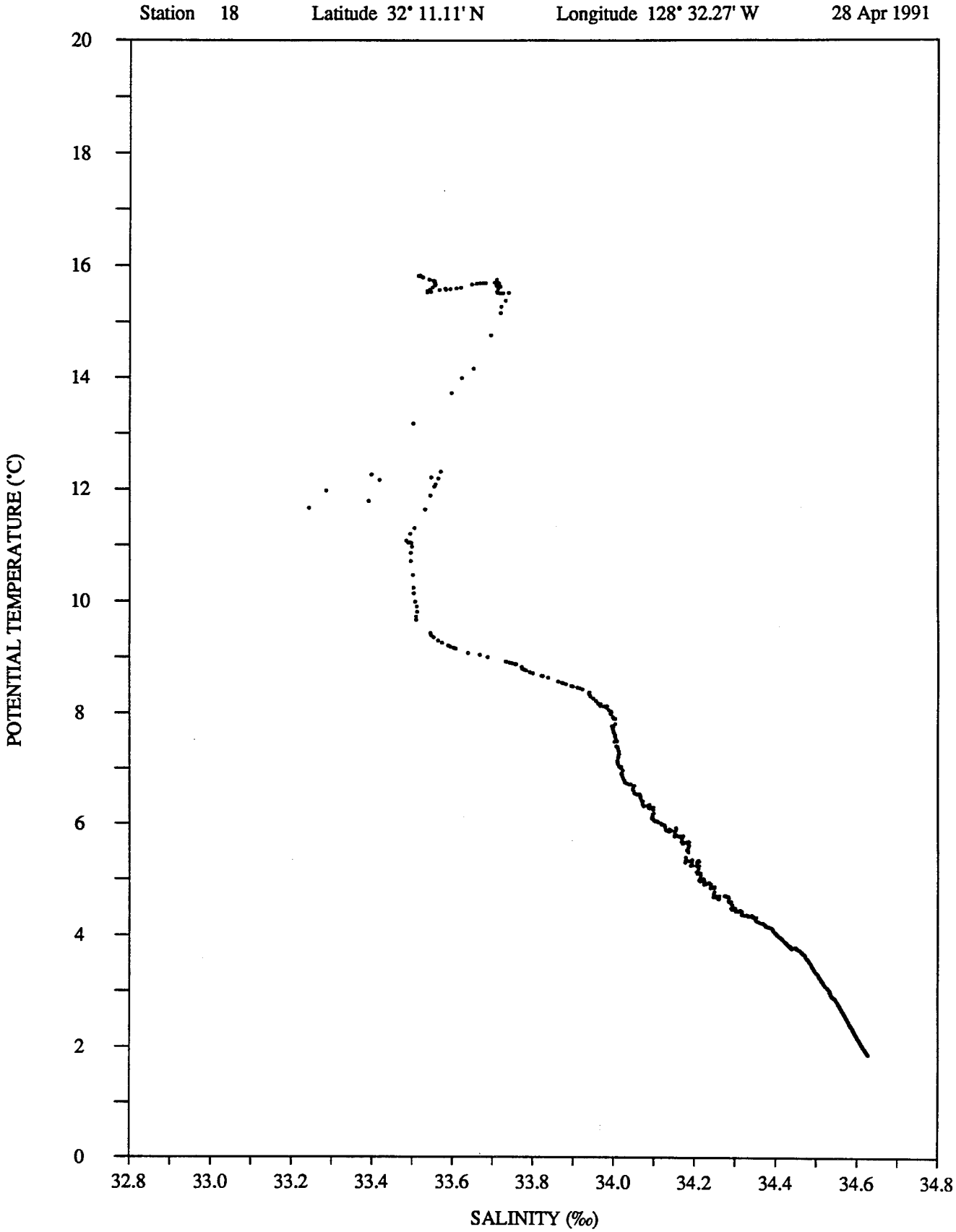
Station 18
Latitude 32° 11.11' N
Longitude 128° 32.27' W
28 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
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33.2
33.4
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34.0
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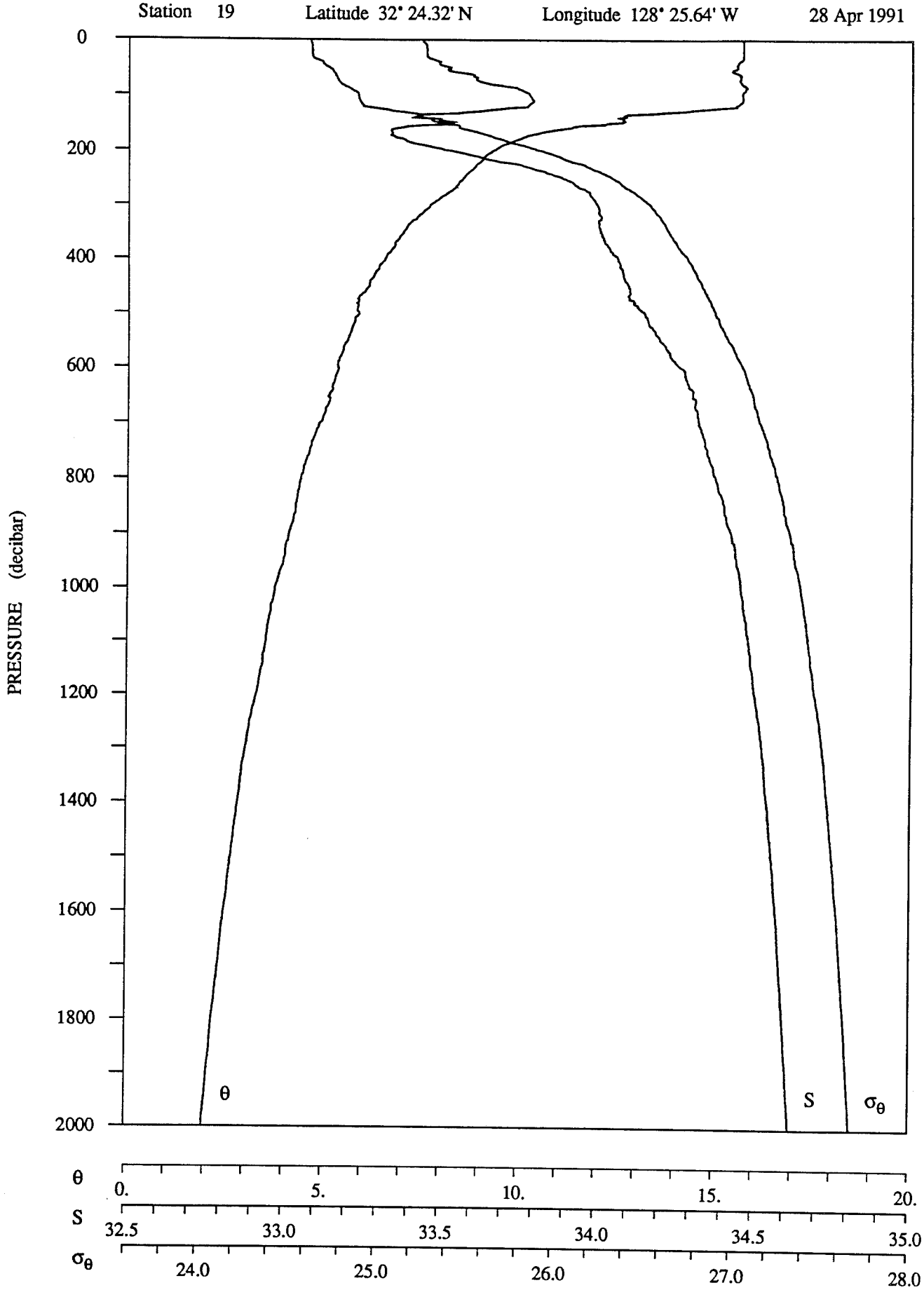
34.4
34.6
34.8
SALINITY (‰)


Station 19
Latitude 32° 24.32' N
Longitude 128° 25.64' W
28 Apr 1991
PRESSURE (decibar)
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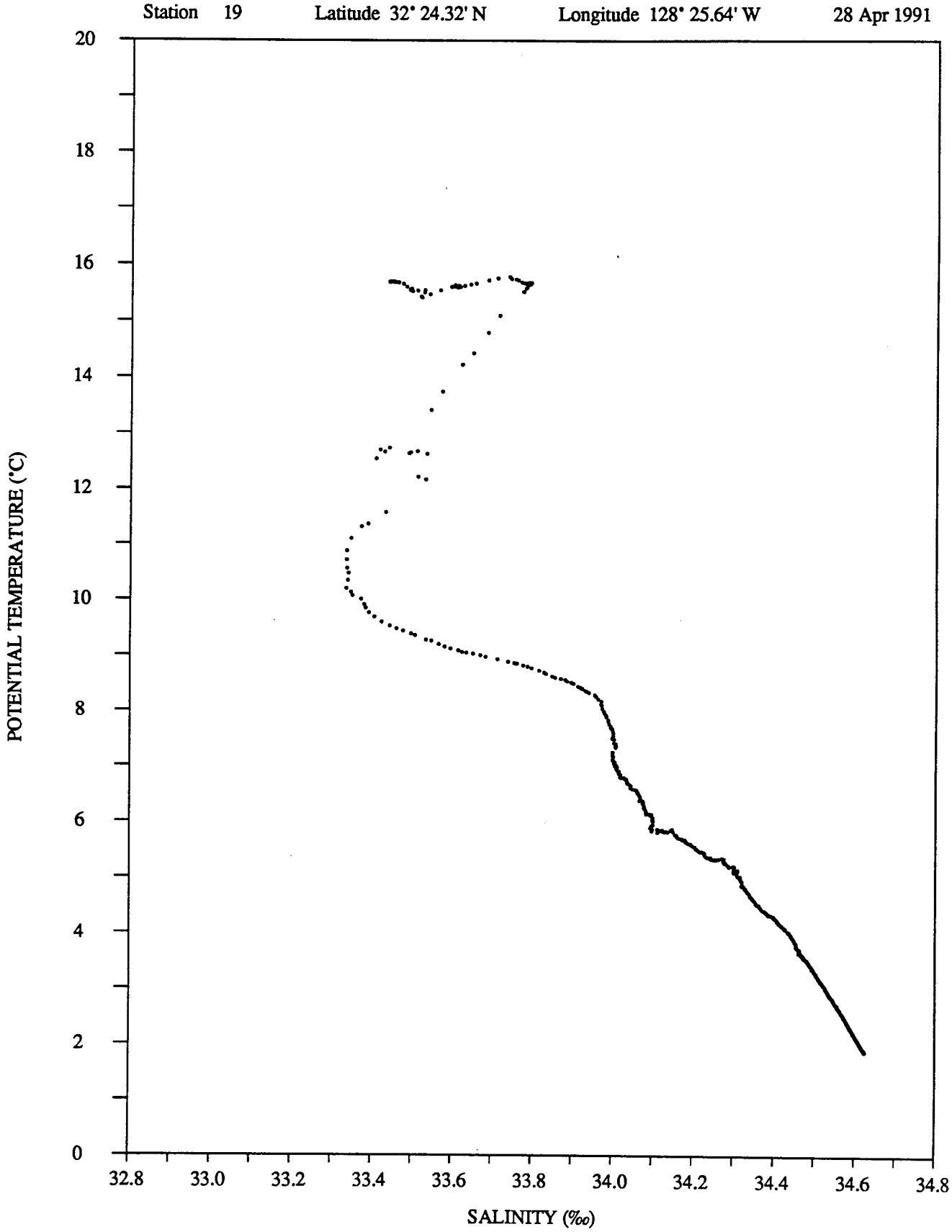
Station 19
Latitude 32° 24.32' N
Longitude 128° 25.64' W
28 Apr 1991
POTENTIAL TEMPERATURE (°C)
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10
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33.8
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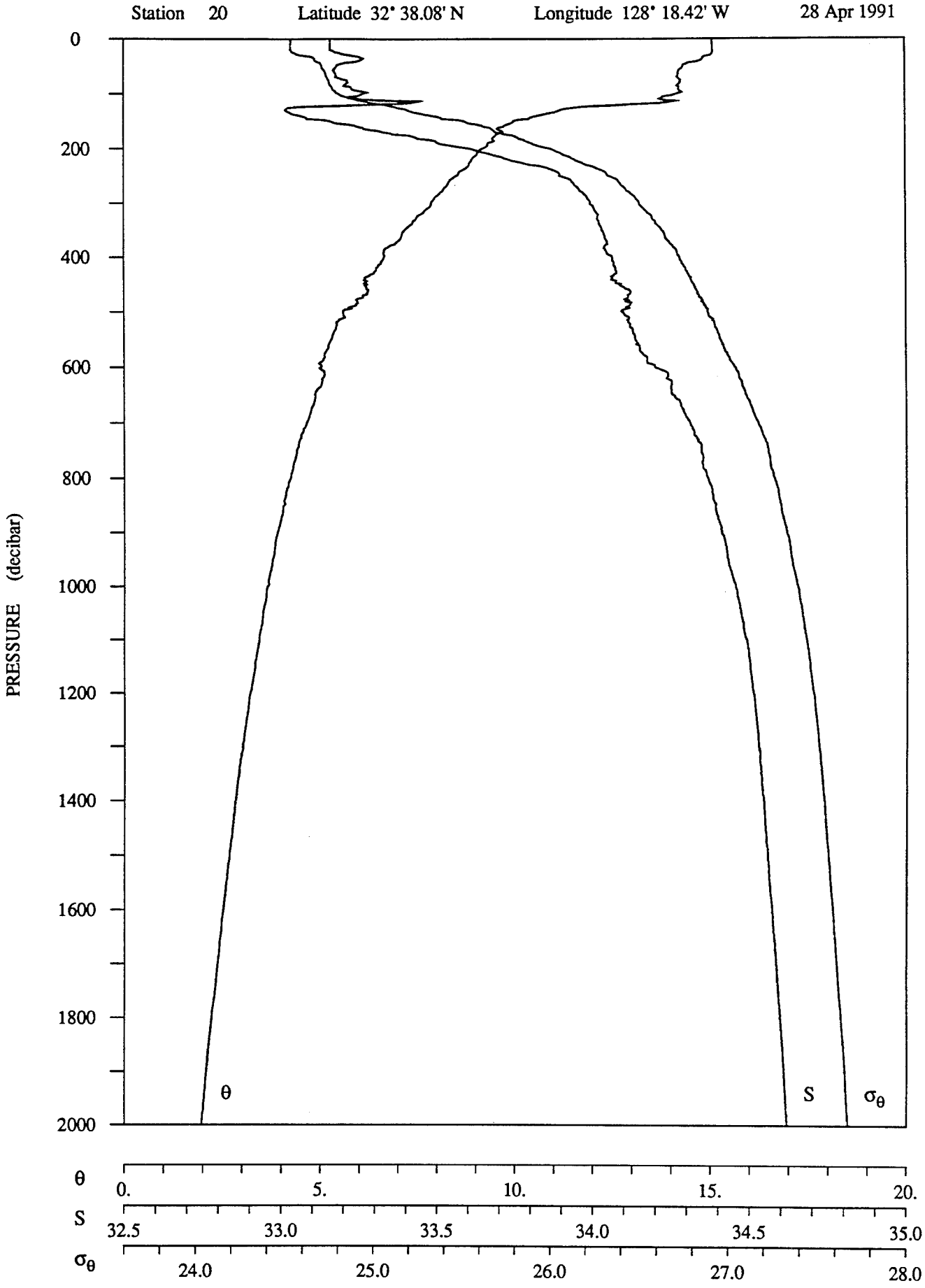
34.8
SALINITY (‰)


Station 20
Latitude 32° 38.08' N
Longitude 128° 18.42' W
28 Apr 1991
PRESSURE (decibar)
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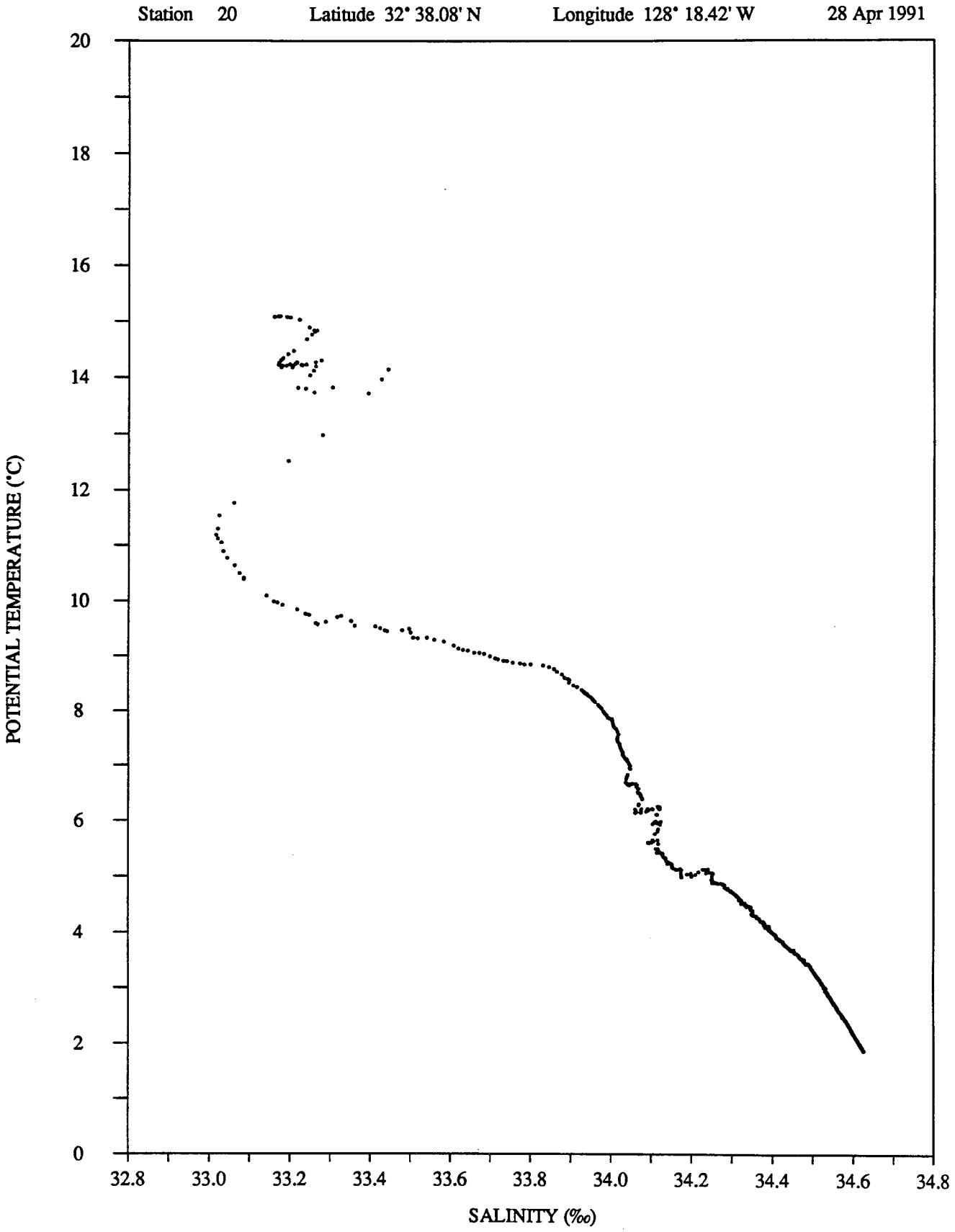
Station 20
Latitude 32° 38.08' N
Longitude 128° 18.42' W
28 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
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10
8
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33.2
33.4
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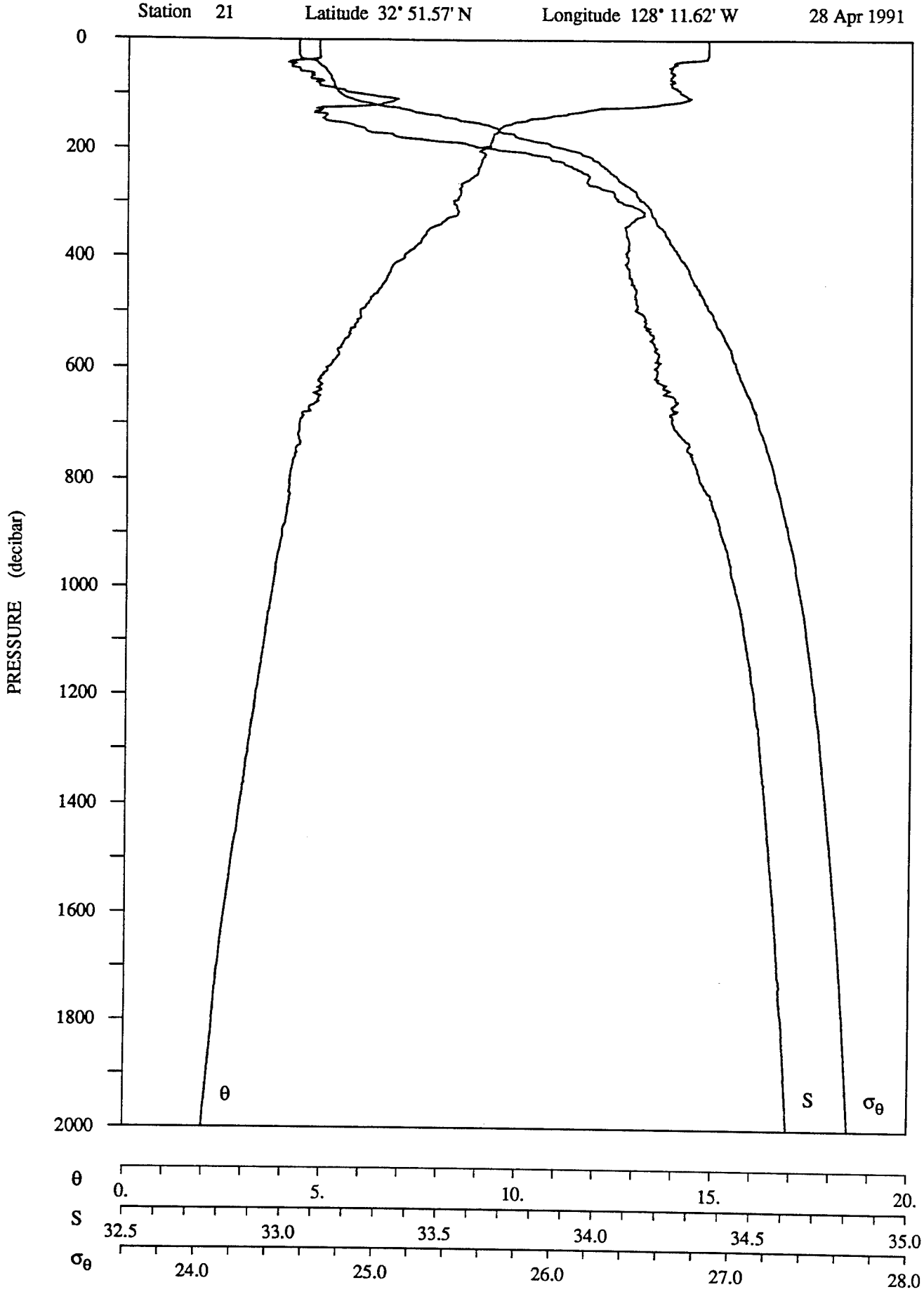
34.4
34.6
34.8
SALINITY (‰)


Station 21
Latitude 32° 51.57' N
Longitude 128° 11.62' W
28 Apr 1991
PRESSURE (decibar)
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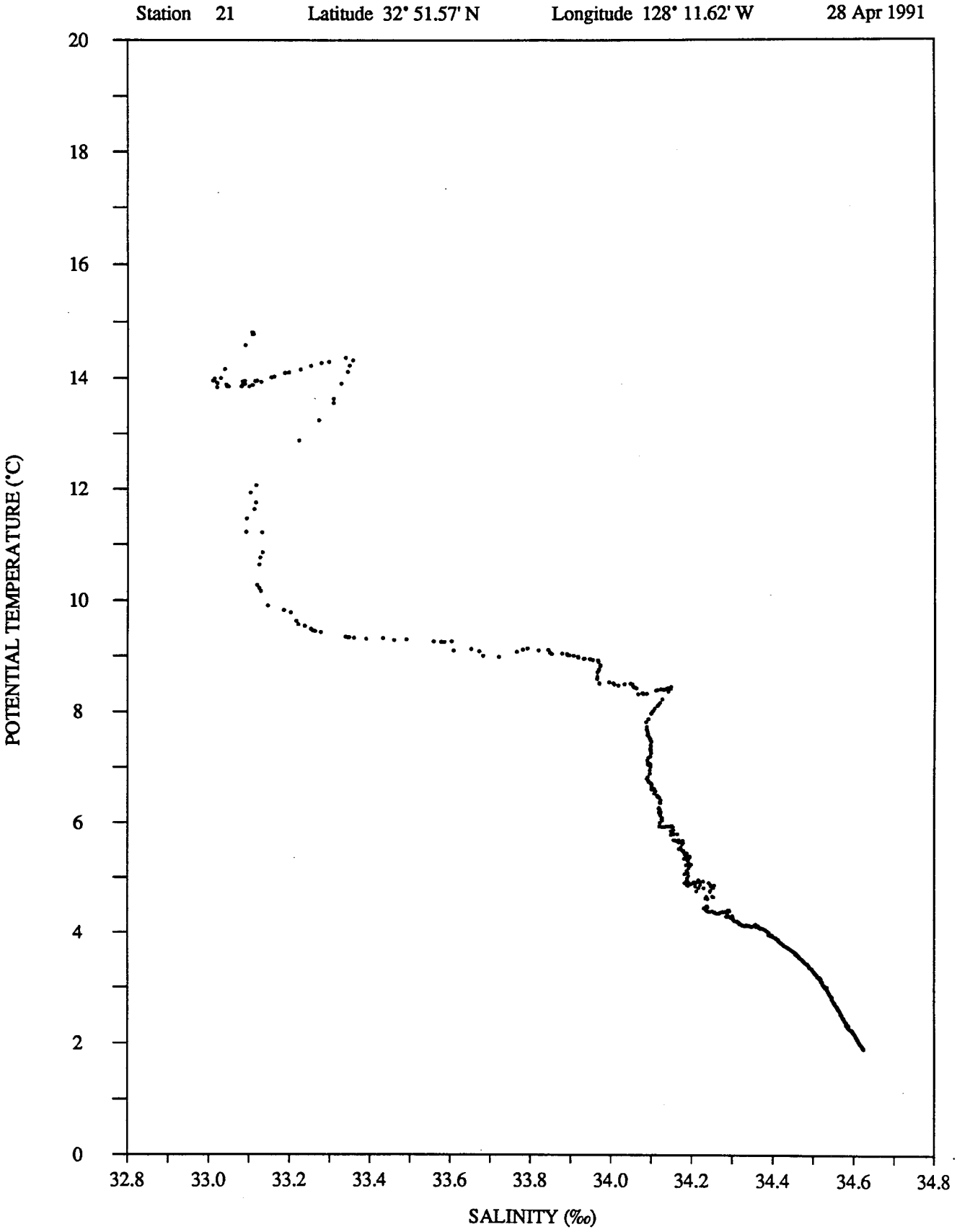
28.0


Station 21
Latitude 32° 51.57' N
Longitude 128° 11.62' W
28 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
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14
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10
8
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33.2
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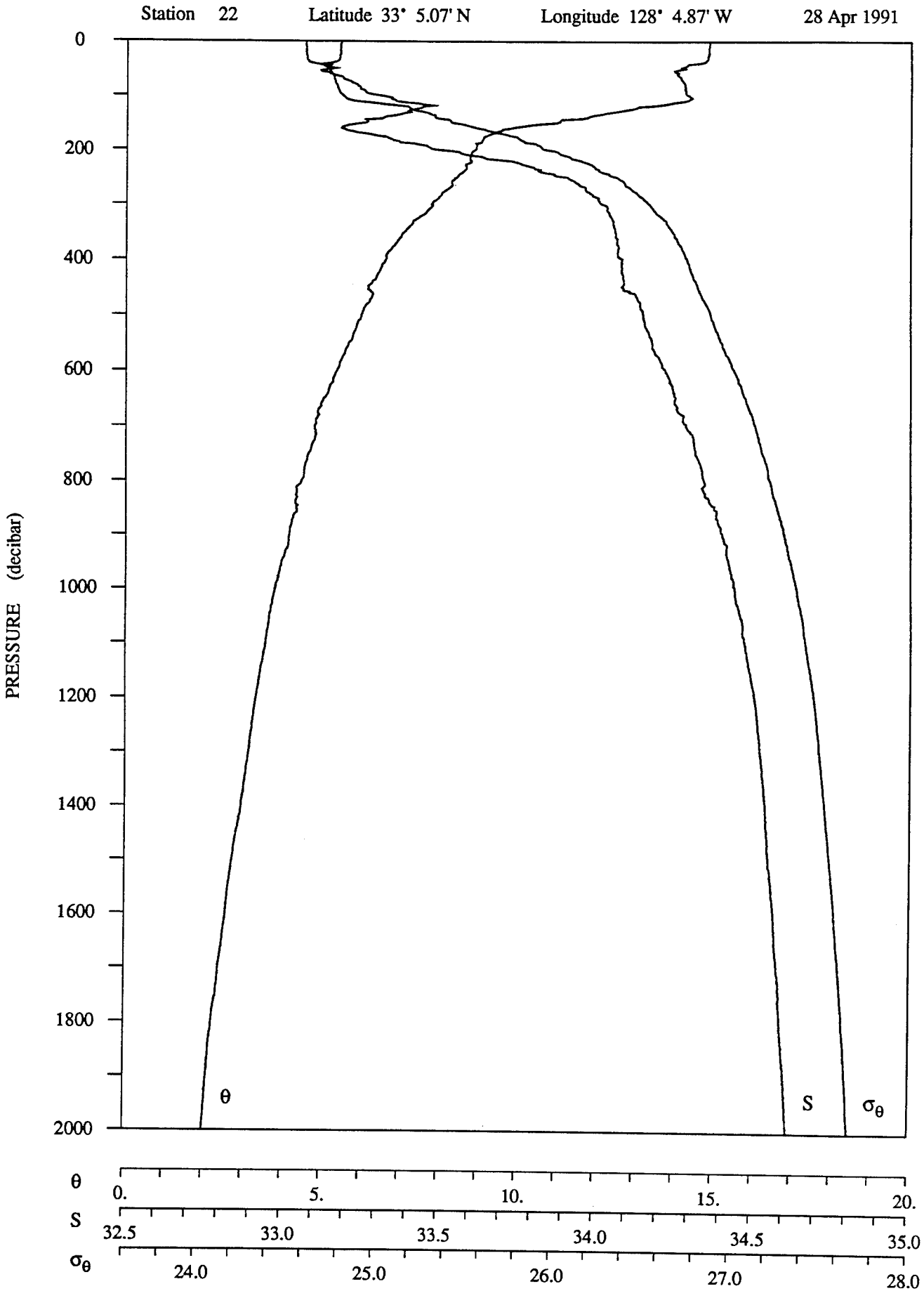
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 22
Latitude 33° 5.07' N
Longitude 128° 4.87' W
28 Apr 1991
PRESSURE (decibar)
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34.5
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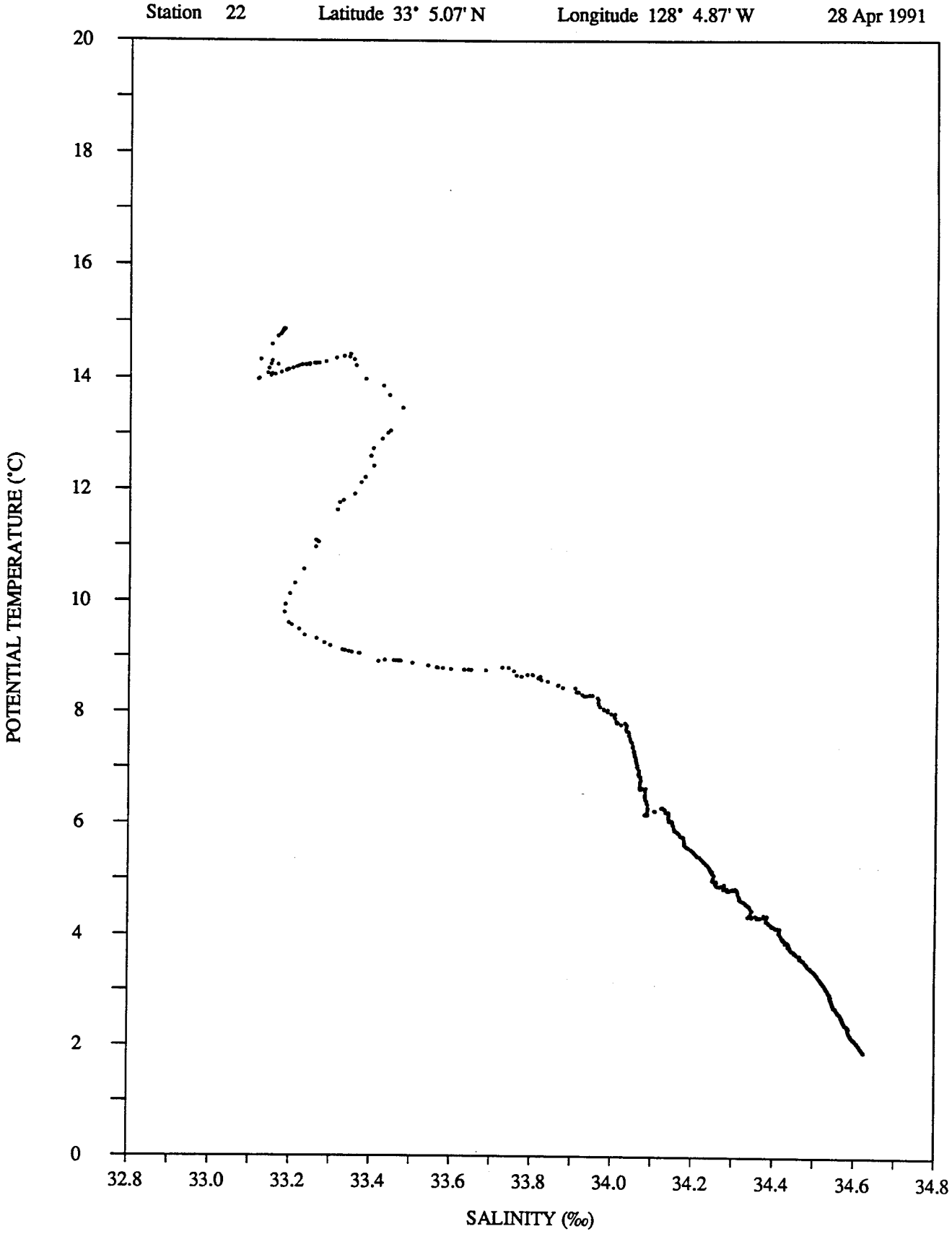
28.0


Station 22
Latitude 33° 5.07' N
Longitude 128° 4.87' W
28 Apr 1991
POTENTIAL TEMPERATURE (°C)
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32.8
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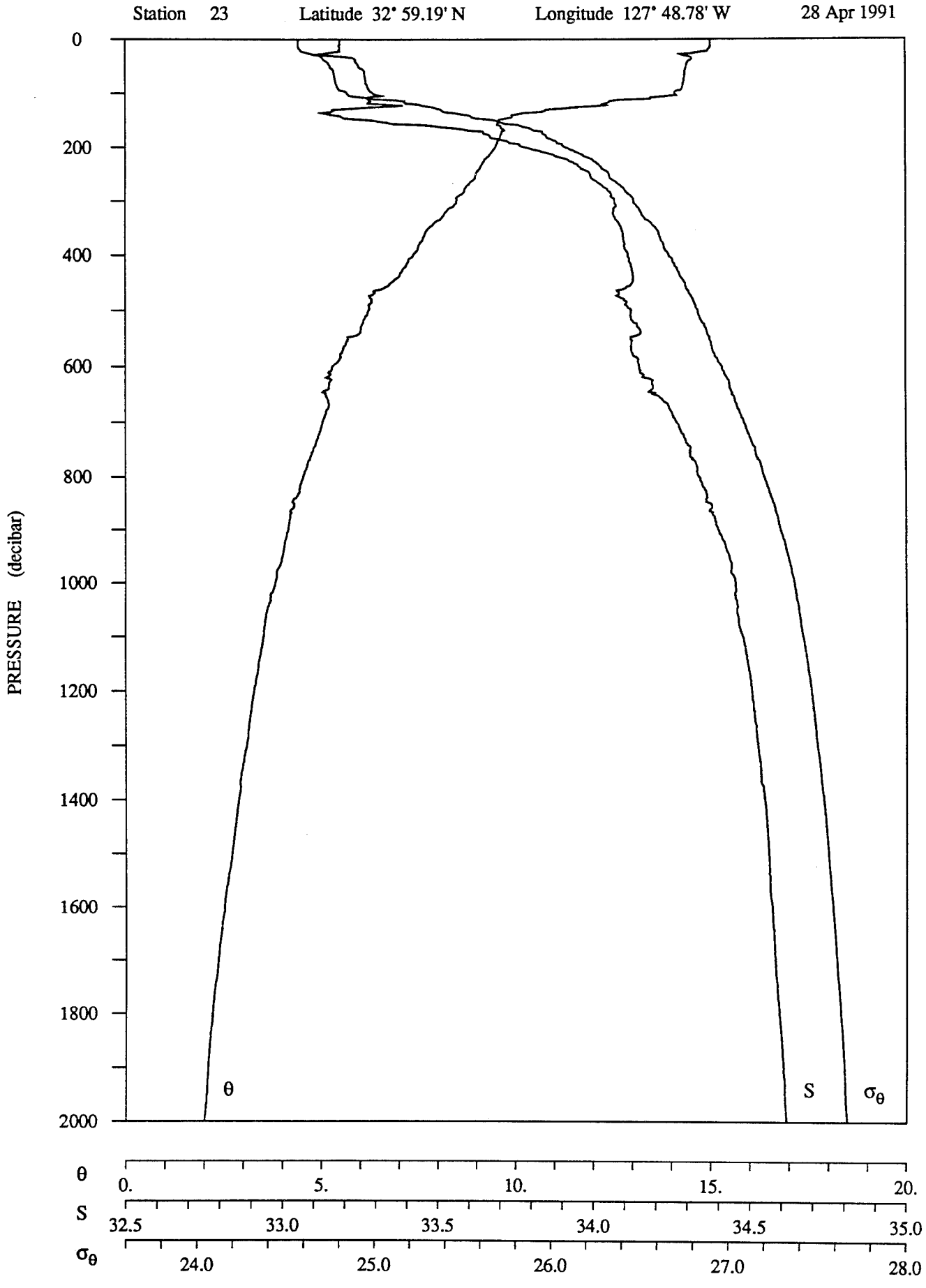
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 23
Latitude 32° 59.19' N
Longitude 127° 48.78' W
28 Apr 1991
PRESSURE (decibar)
0
200
400
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1000
1200
1400
1600
1800
2000
θ
S
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θ
0.
5.
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20.
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32.5
33.0
33.5
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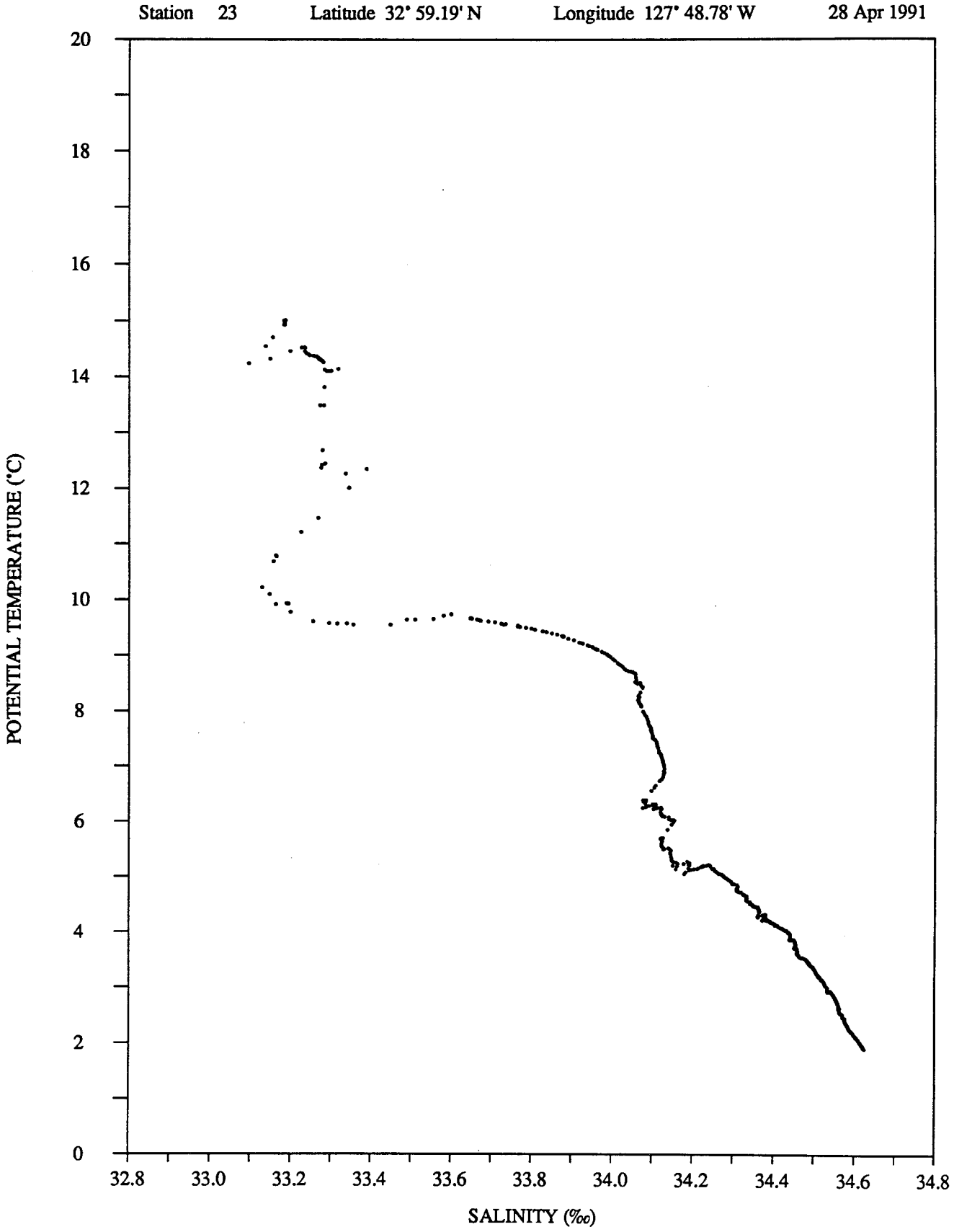
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 23
Latitude 32° 59.19' N
Longitude 127° 48.78' W
28 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
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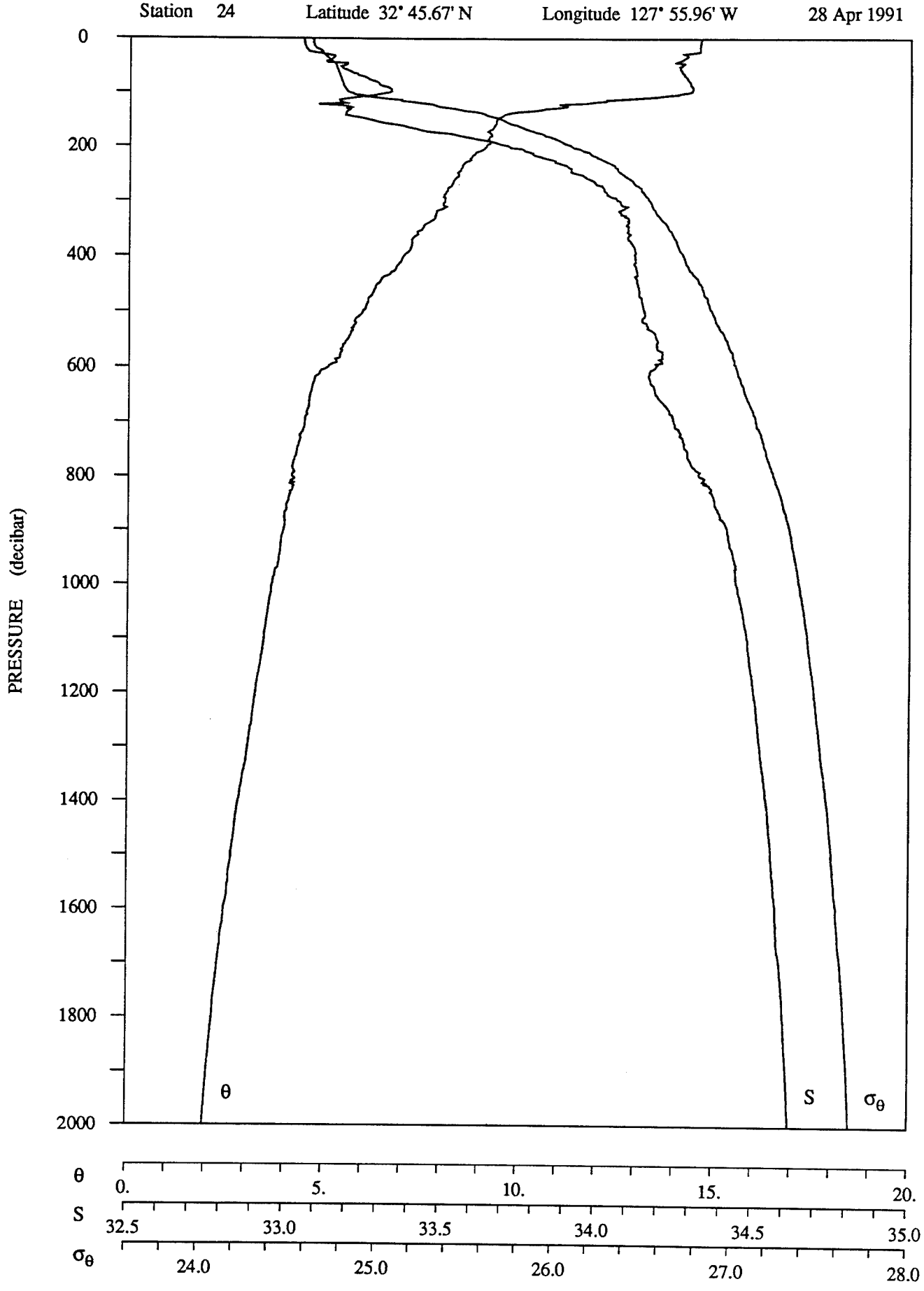
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 24
Latitude 32° 45.67' N
Longitude 127° 55.96' W
28 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
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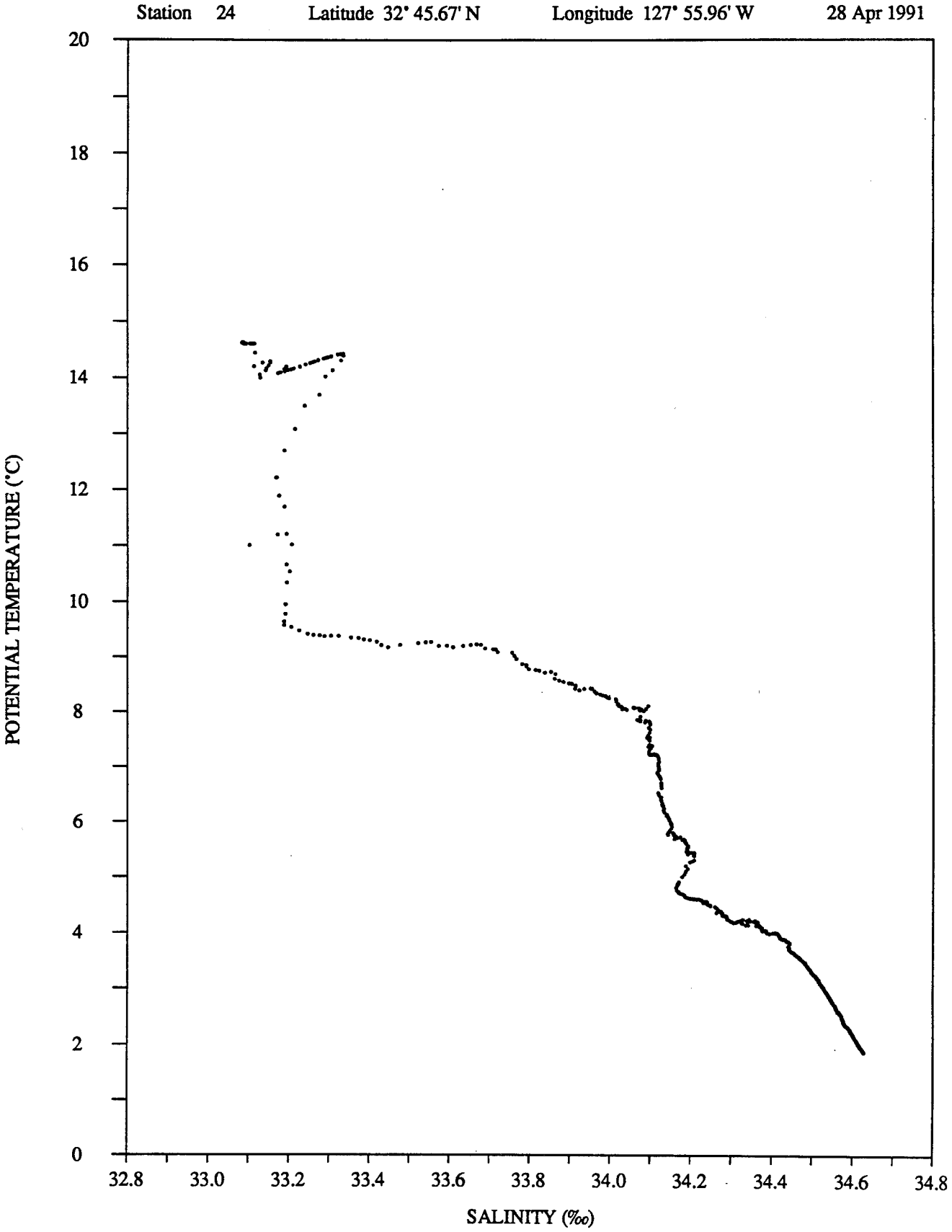
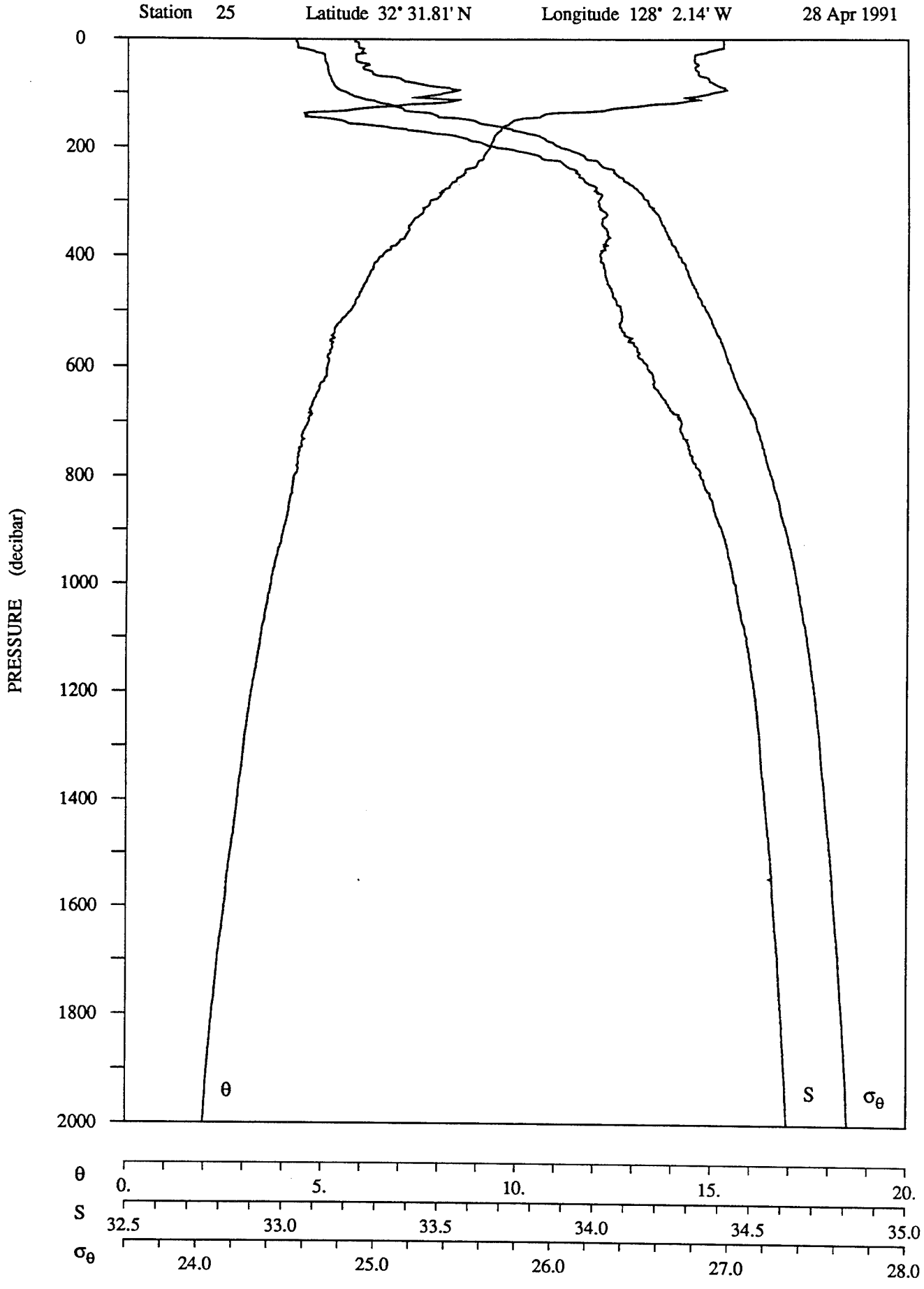
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 24
Latitude 32° 45.67' N
Longitude 127° 55.96' W
28 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 25
Latitude 32° 31.81' N
Longitude 128° 2.14' W
28 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
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θ
S
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θ
0.
5.
10.
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33.5
34.0
34.5
35.0
σθ
24.0
25.0
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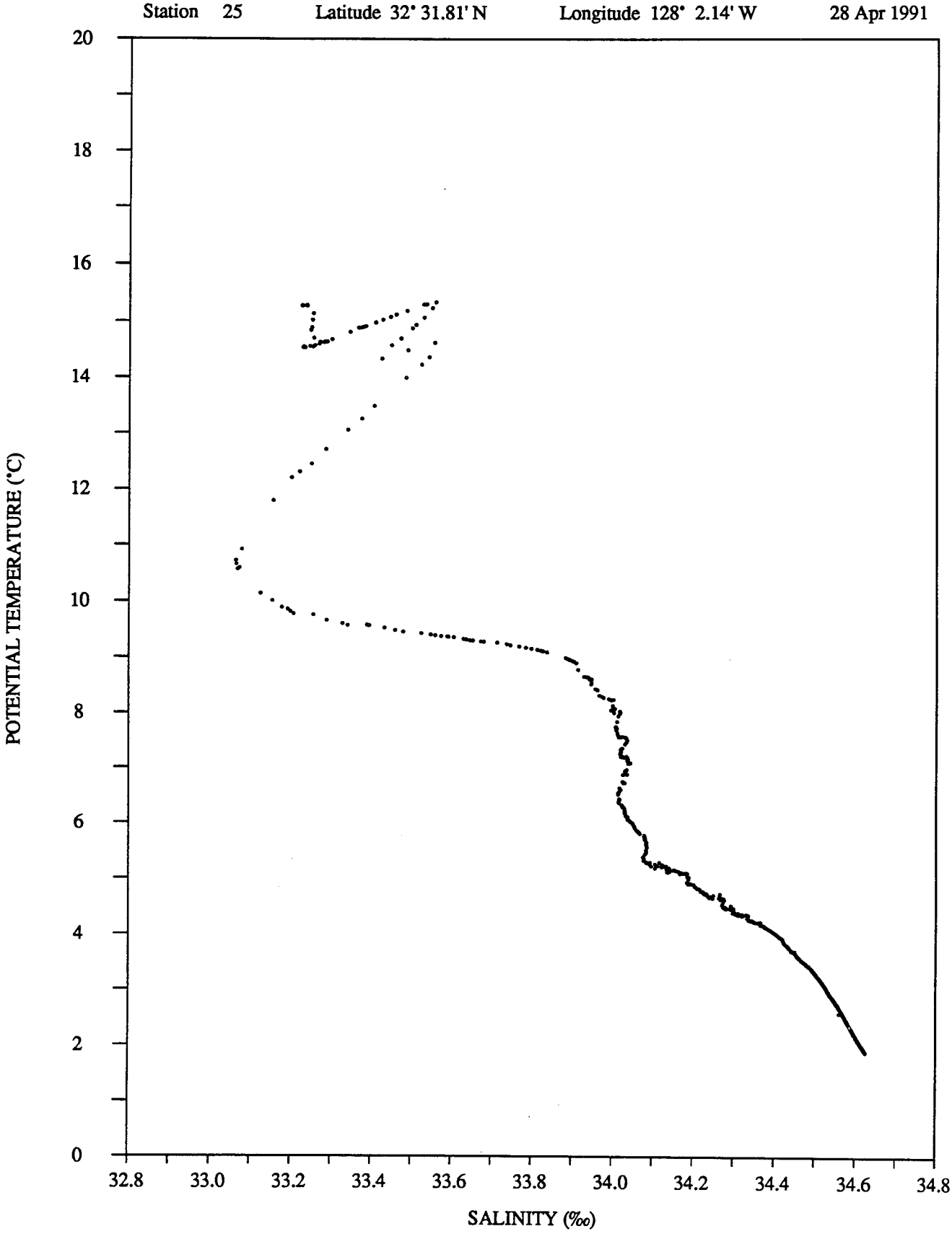
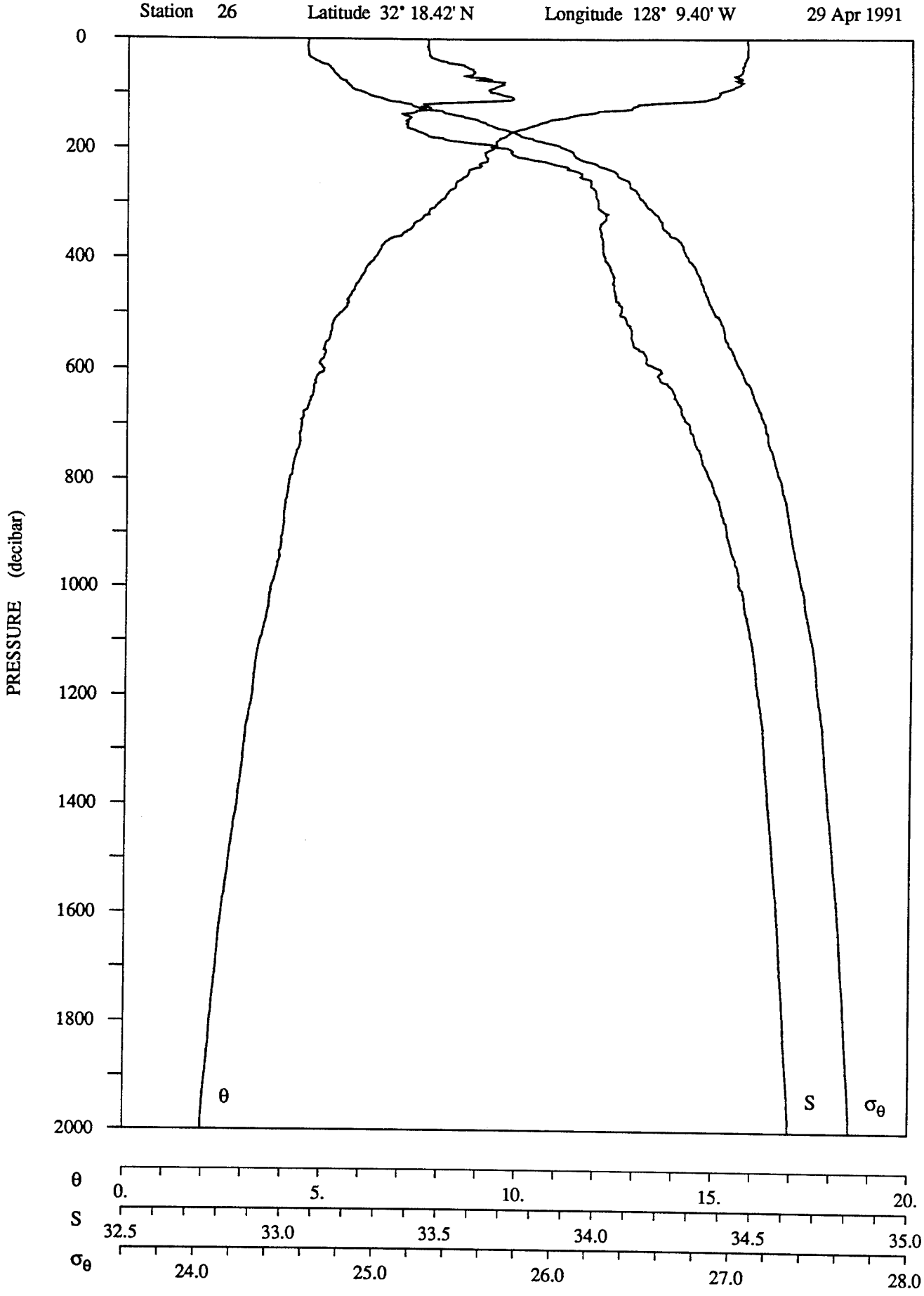
27.0
28.0


Station 25
Latitude 32° 31.81' N
Longitude 128° 2.14' W
28 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 26
Latitude 32° 18.42' N
Longitude 128° 9.40' W
29 Apr 1991
PRESSURE (decibar)
0
200
400
600
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1000
1200
1400
1600
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θ
0.
5.
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20.
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33.0
33.5
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34.5
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24.0
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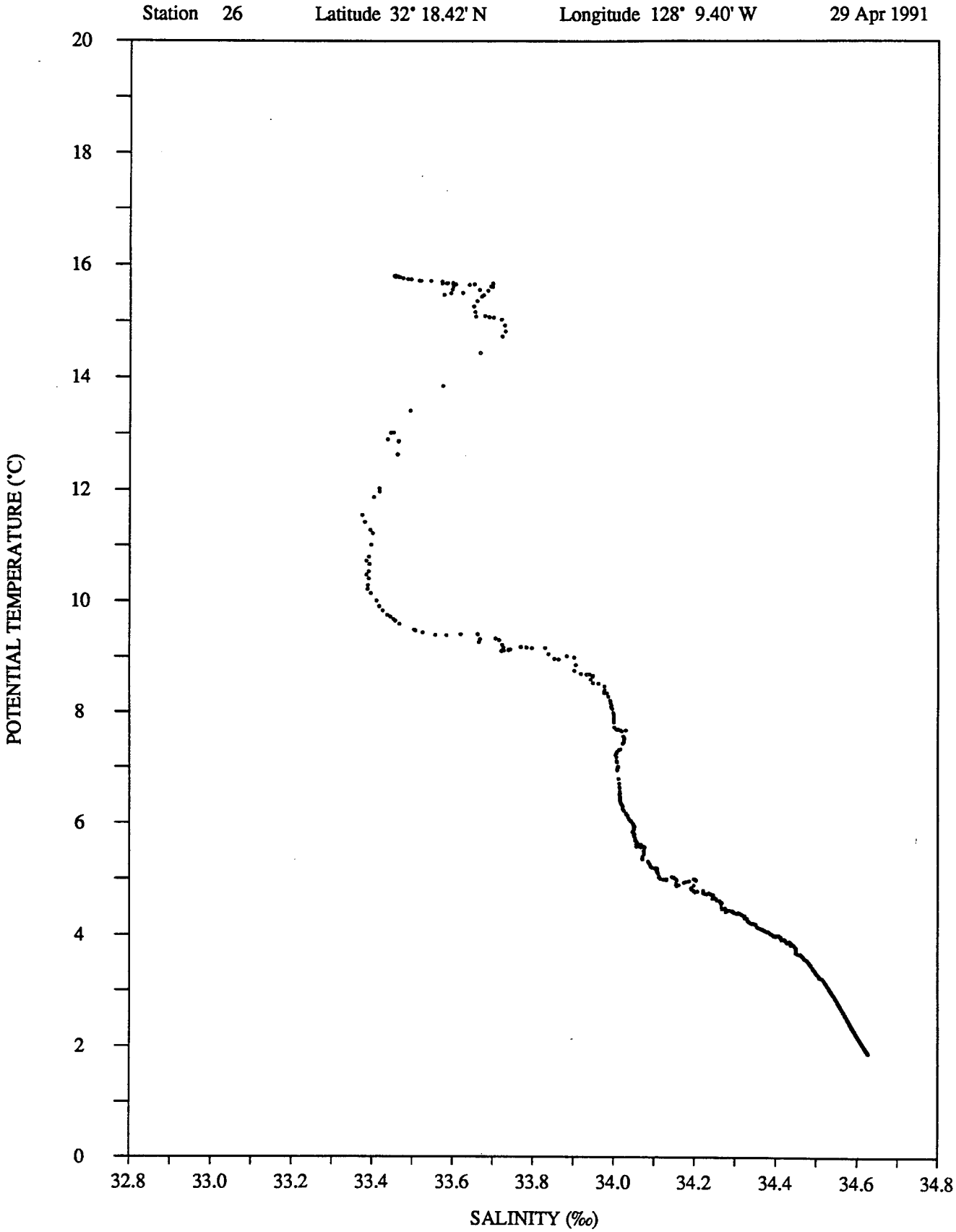
27.0
28.0


Station 26
Latitude 32° 18.42' N
Longitude 128° 9.40' W
29 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
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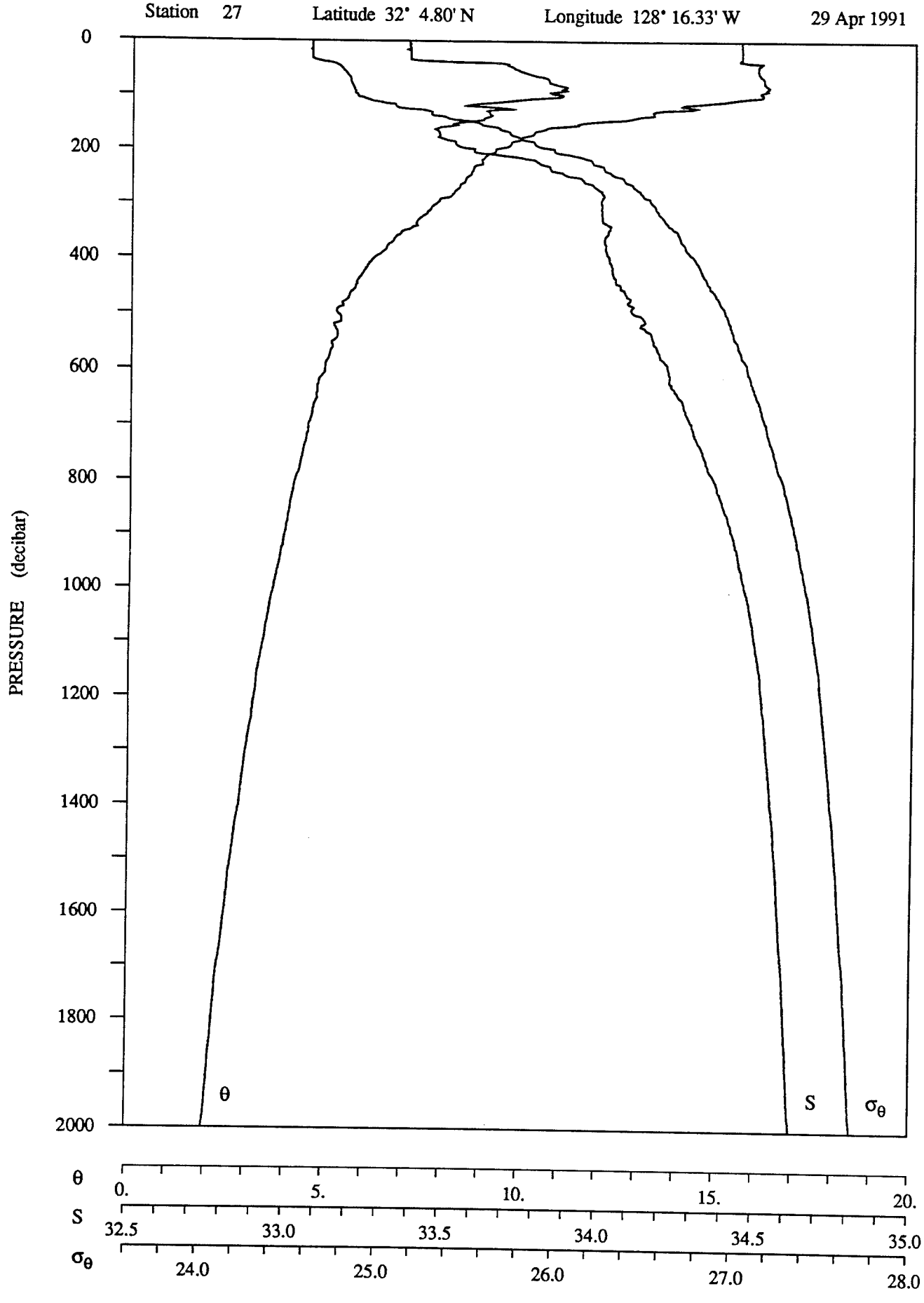
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 27
Latitude 32° 4.80' N
Longitude 128° 16.33' W
29 Apr 1991
PRESSURE (decibar)
0
200
400
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1200
1400
1600
1800
2000
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θ
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33.0
33.5
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25.0
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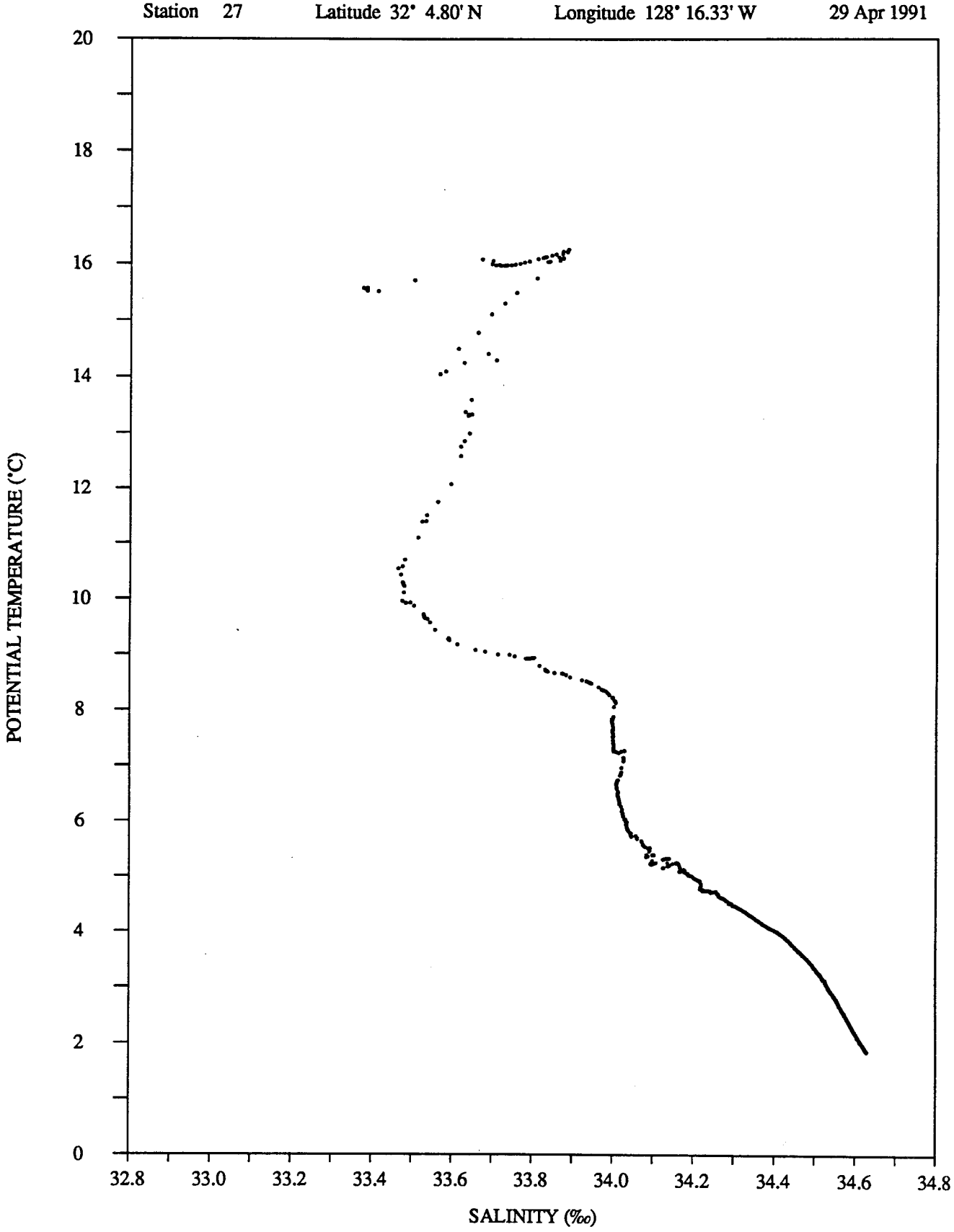
27.0
28.0


Station 27
Latitude 32° 4.80' N
Longitude 128° 16.33' W
29 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
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32.8
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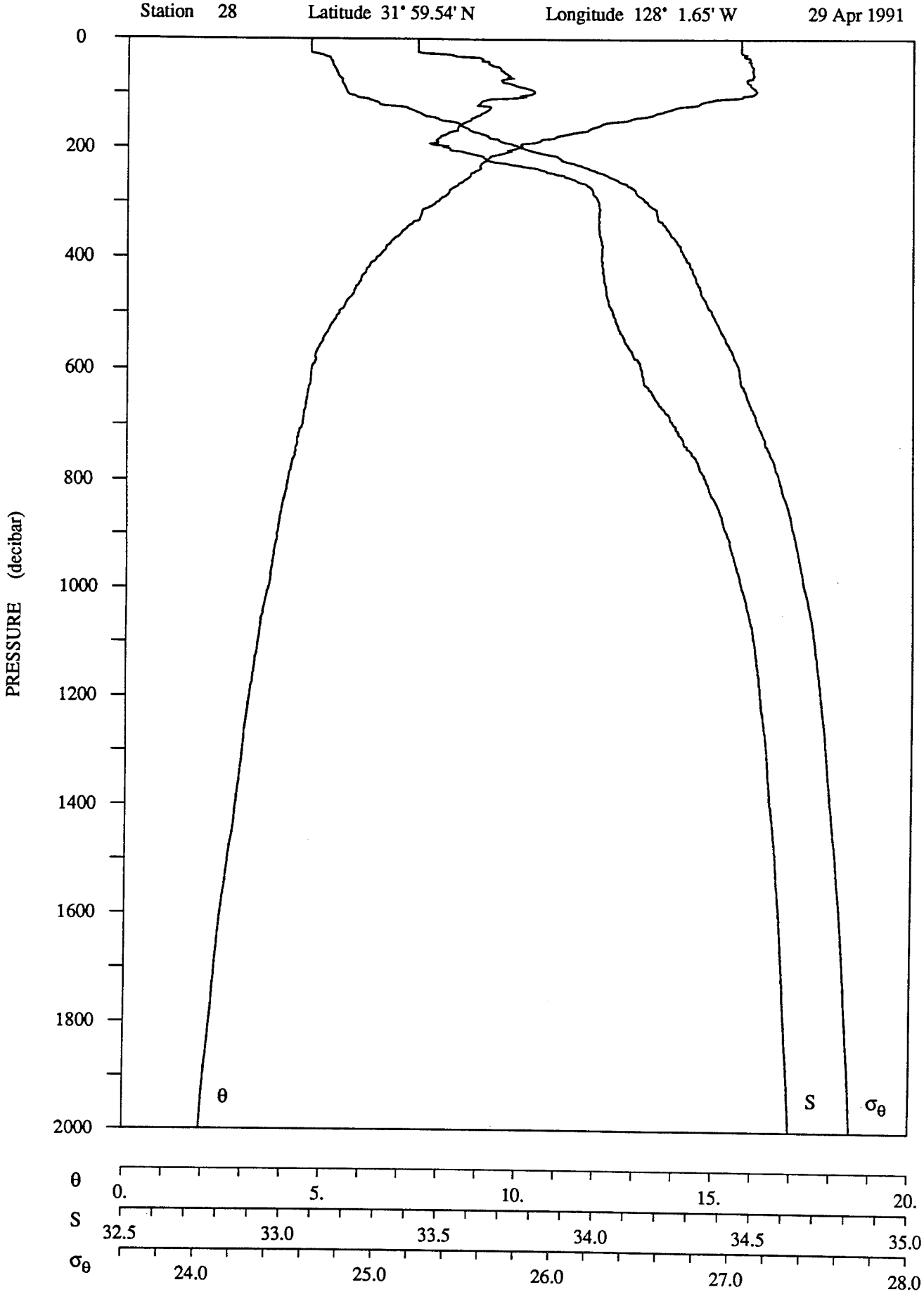
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 28
Latitude 31° 59.54' N
Longitude 128° 1.65' W
29 Apr 1991
PRESSURE (decibar)
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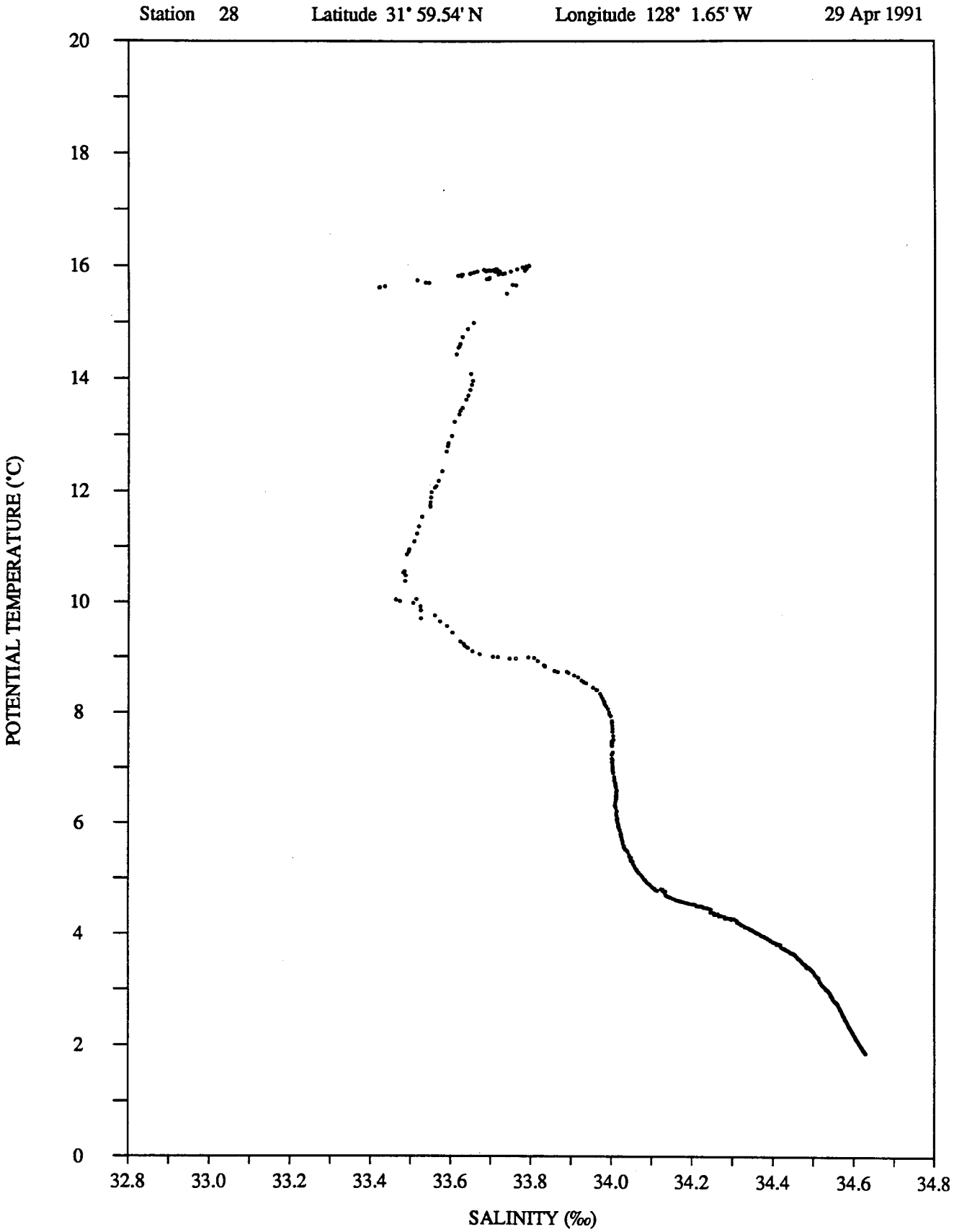
Station 28
Latitude 31° 59.54' N
Longitude 128° 1.65' W
29 Apr 1991
POTENTIAL TEMPERATURE (°C)
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32.8
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33.2
33.4
33.6
33.8
34.0
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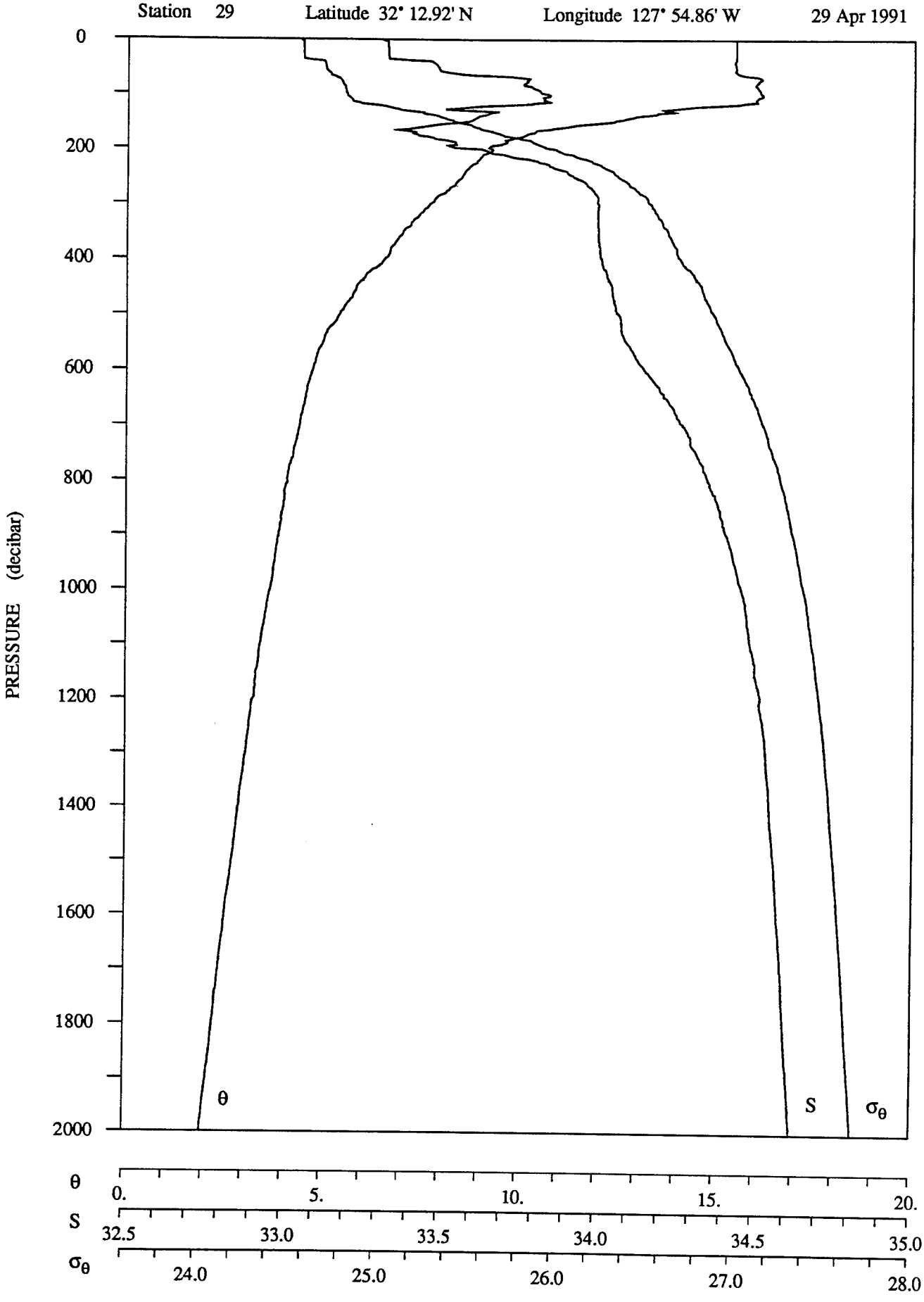
34.6
34.8
SALINITY (‰)


Station 29
Latitude 32° 12.92' N
Longitude 127° 54.86' W
29 Apr 1991
PRESSURE (decibar)
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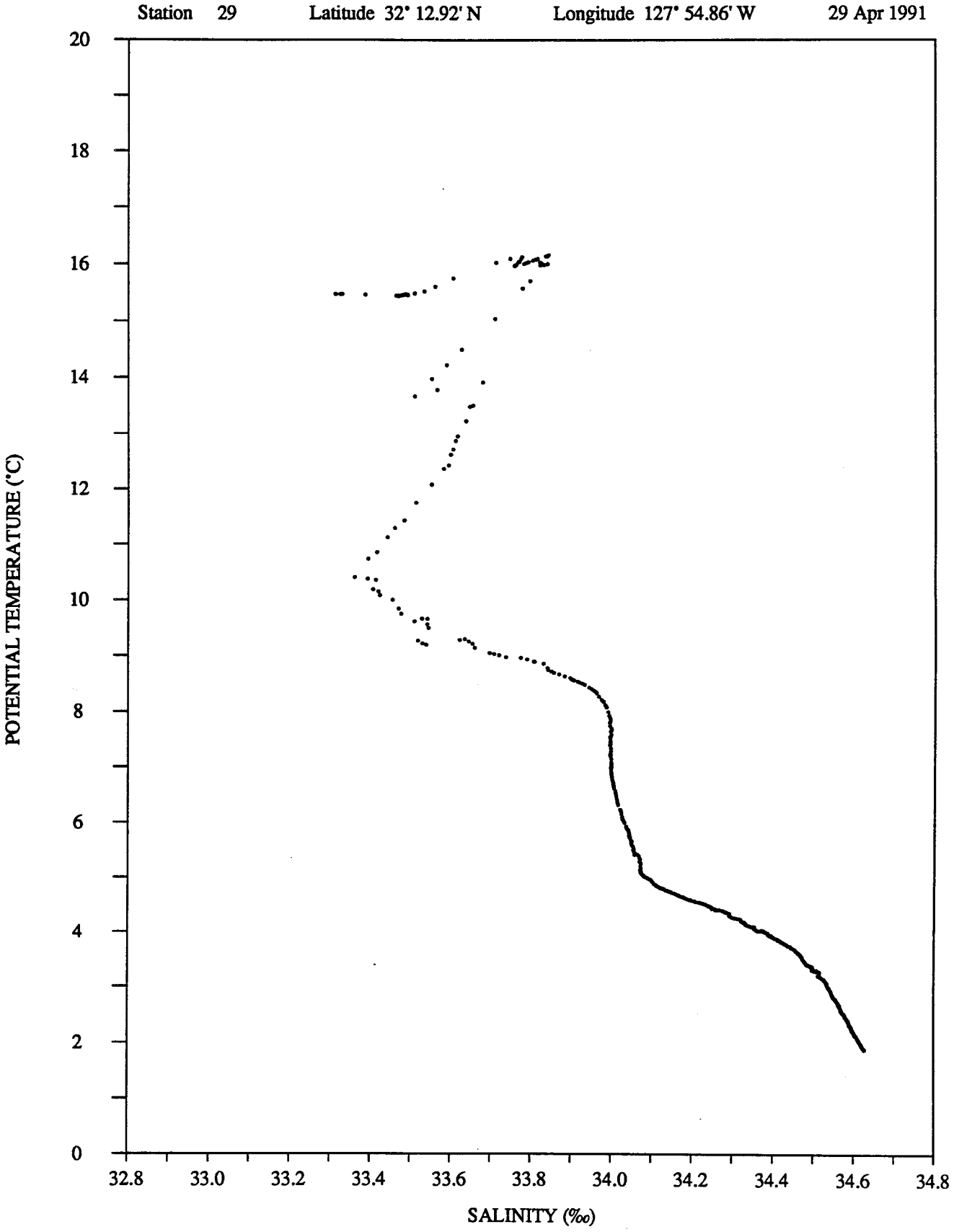
Station 29
Latitude 32° 12.92' N
Longitude 127° 54.86' W
29 Apr 1991
POTENTIAL TEMPERATURE (°C)
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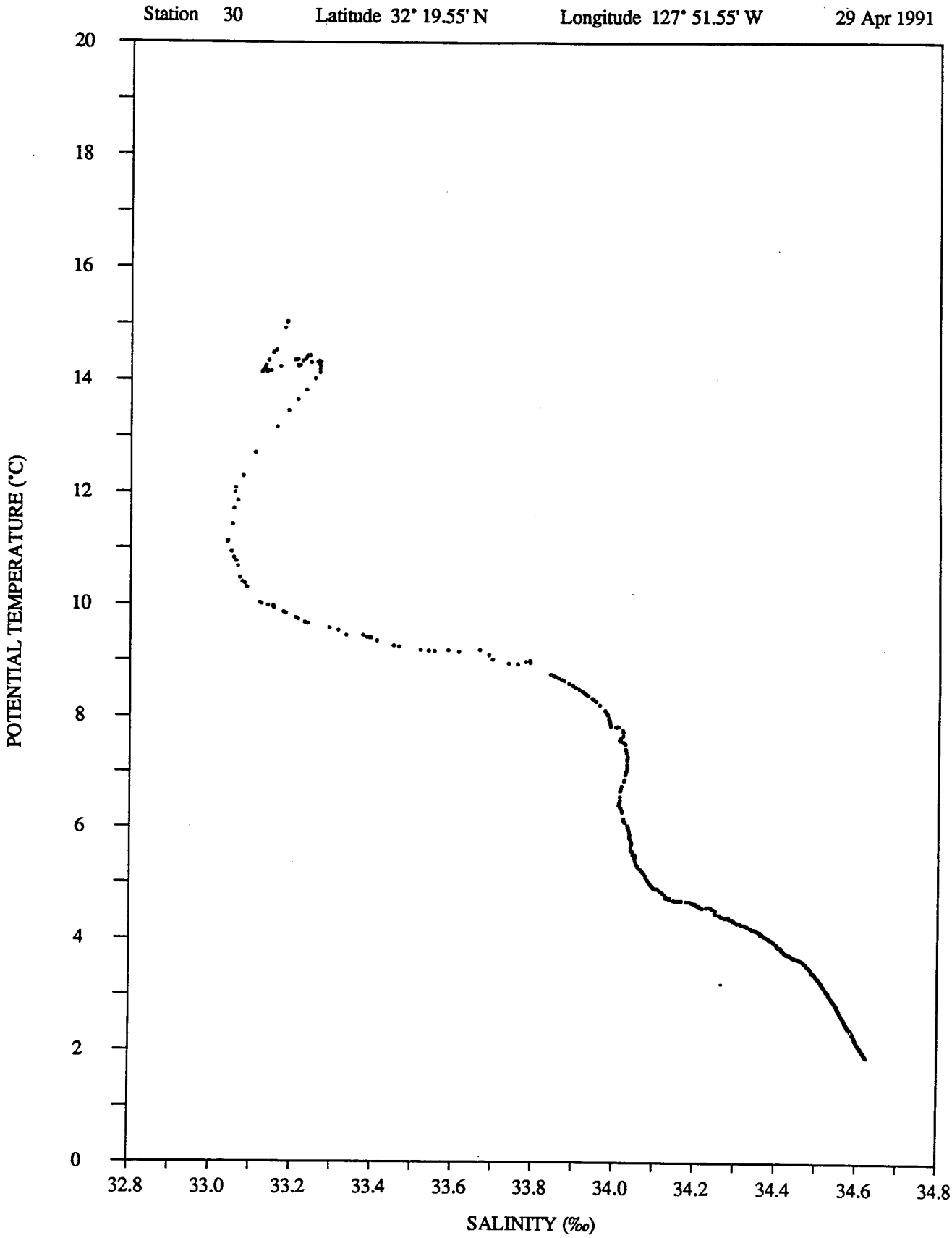
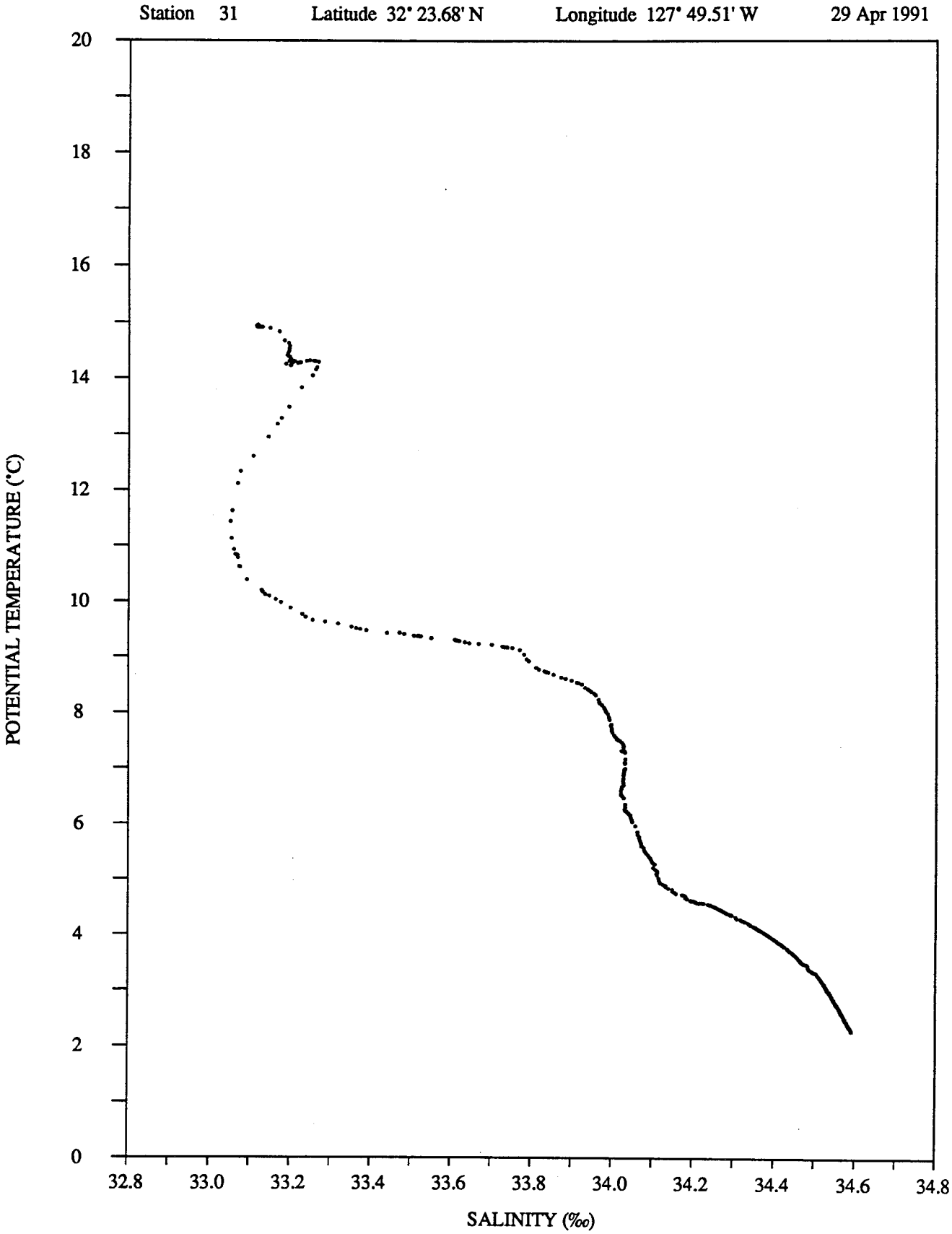
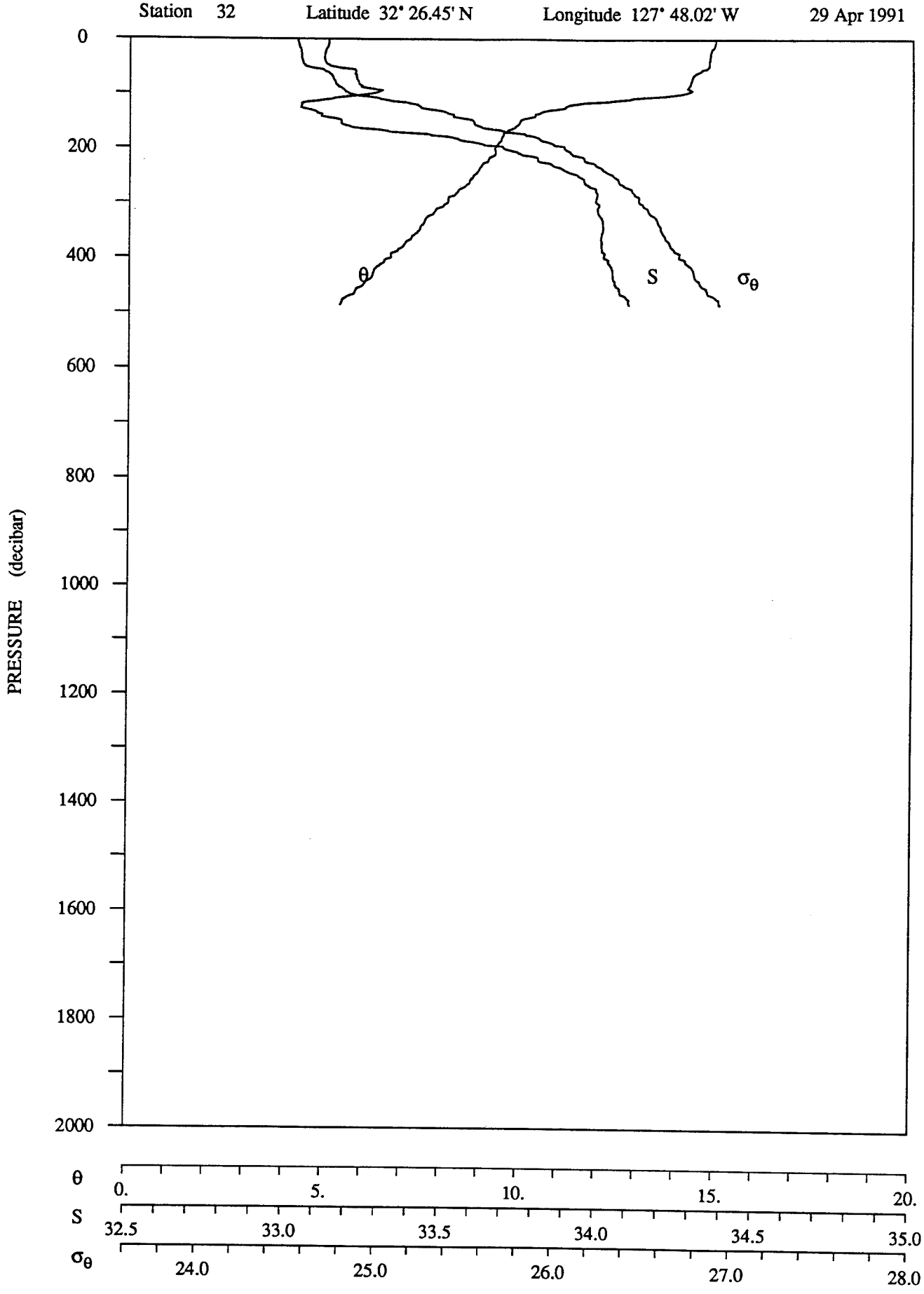
34.6
34.8
SALINITY (‰)

Station 30
Latitude 32° 19.55' N
Longitude 127° 51.55' W
29 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 30
Latitude 32° 19.55' N
Longitude 127° 51.55' W
29 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)

Station 31
Latitude 32° 23.68' N
Longitude 127° 49.51' W
29 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 31
Latitude 32° 23.68' N
Longitude 127° 49.51' W
29 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 32
Latitude 32° 26.45' N
Longitude 127° 48.02' W
29 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
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0.
5.
10.
15.
20.
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32.5
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34.0
34.5
35.0
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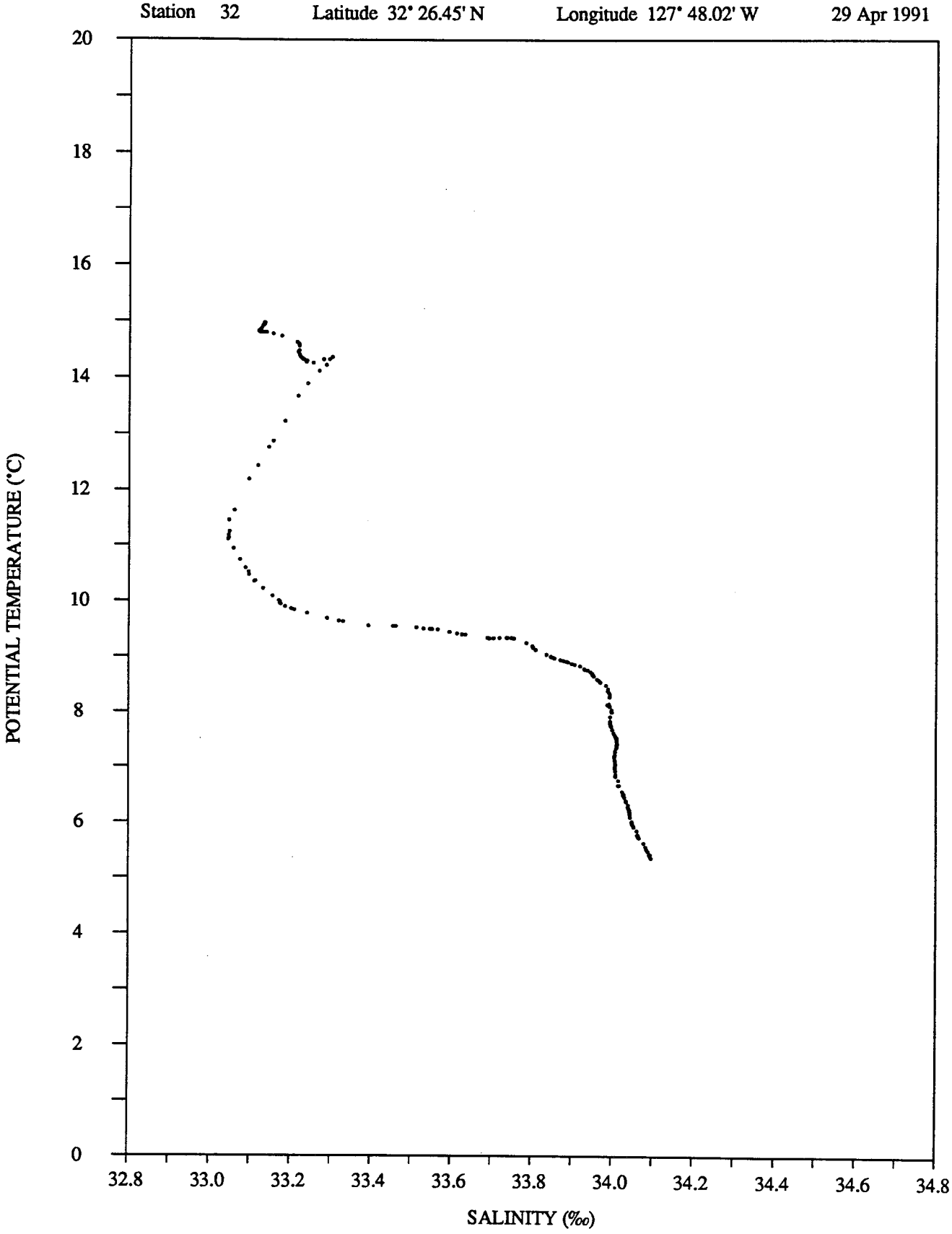
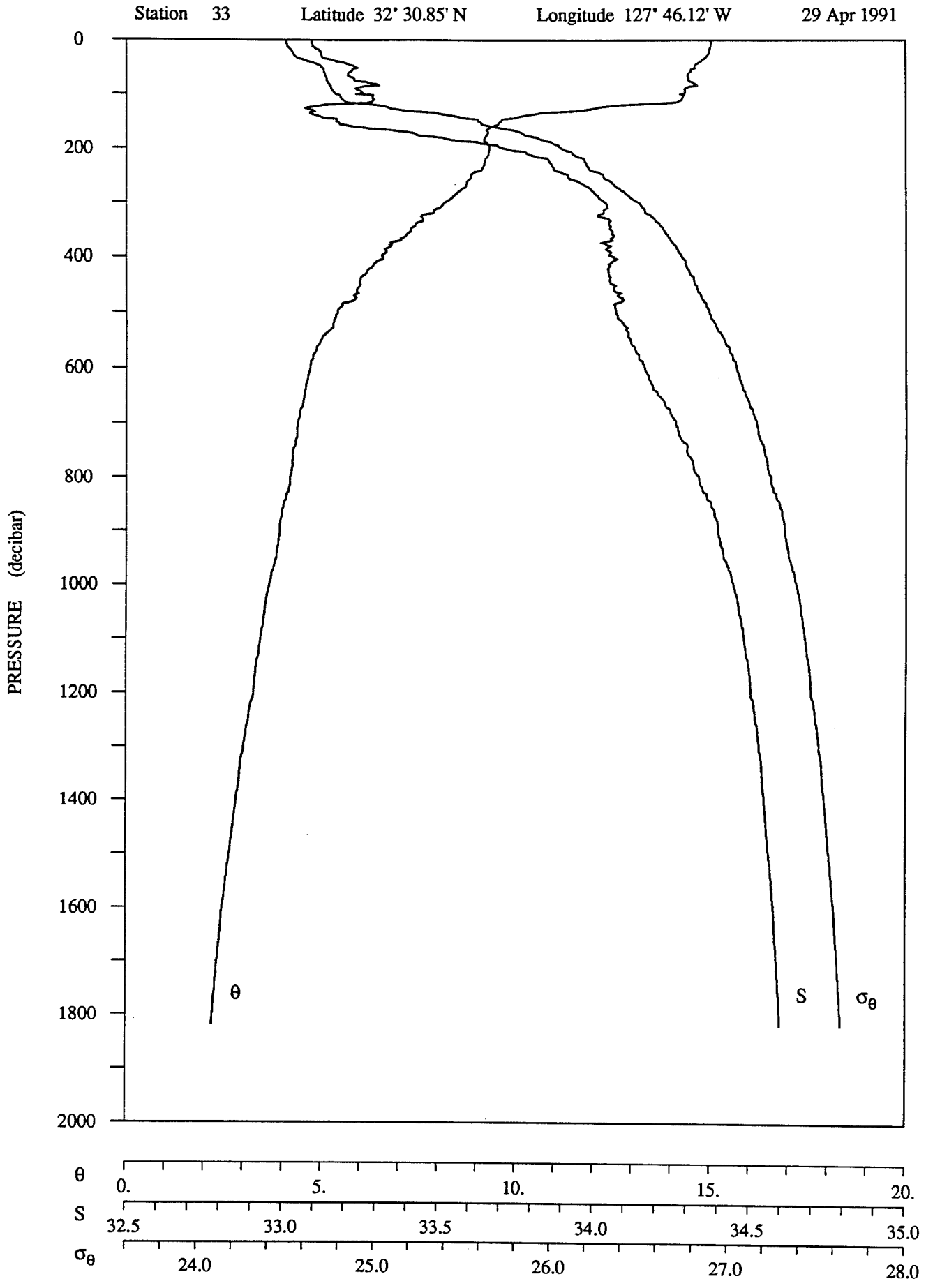
24.0
25.0
26.0
27.0
28.0


Station 32
Latitude 32° 26.45' N
Longitude 127° 48.02' W
29 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 33
Latitude 32° 30.85' N
Longitude 127° 46.12' W
29 Apr 1991
PRESSURE (decibar)
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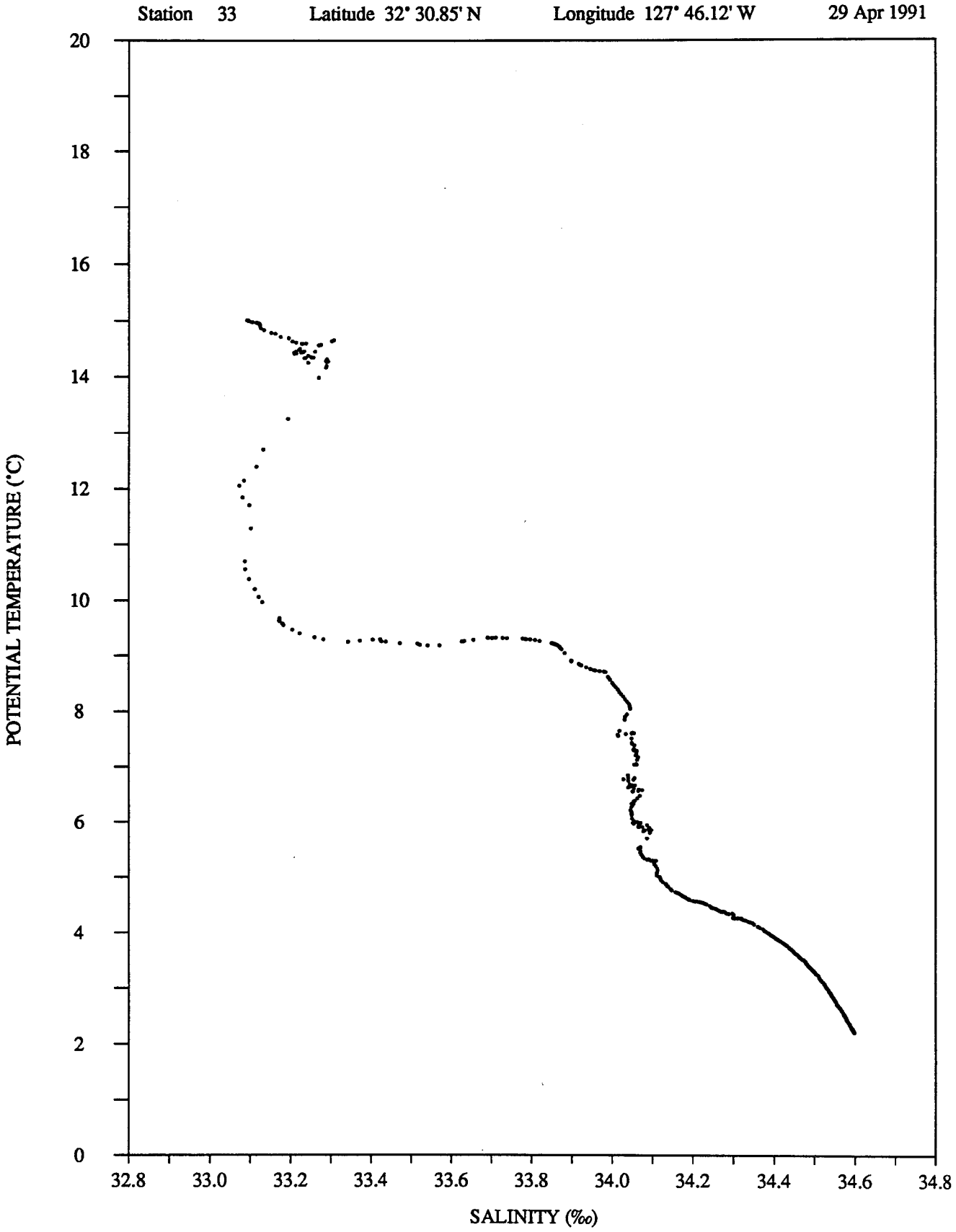
Station 33
Latitude 32° 30.85' N
Longitude 127° 46.12' W
29 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
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10
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32.8
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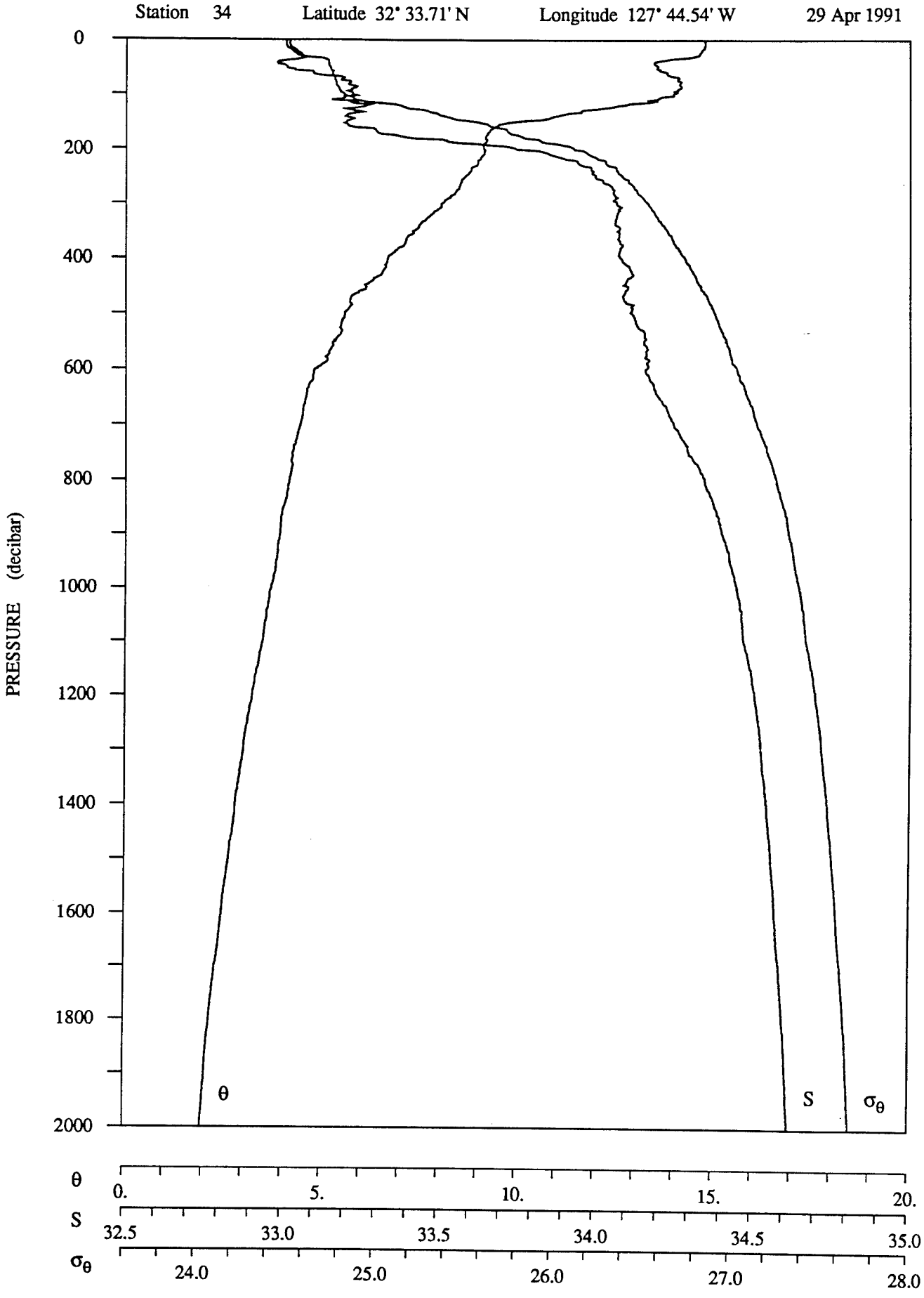
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 34
Latitude 32° 33.71' N
Longitude 127° 44.54' W
29 Apr 1991
PRESSURE (decibar)
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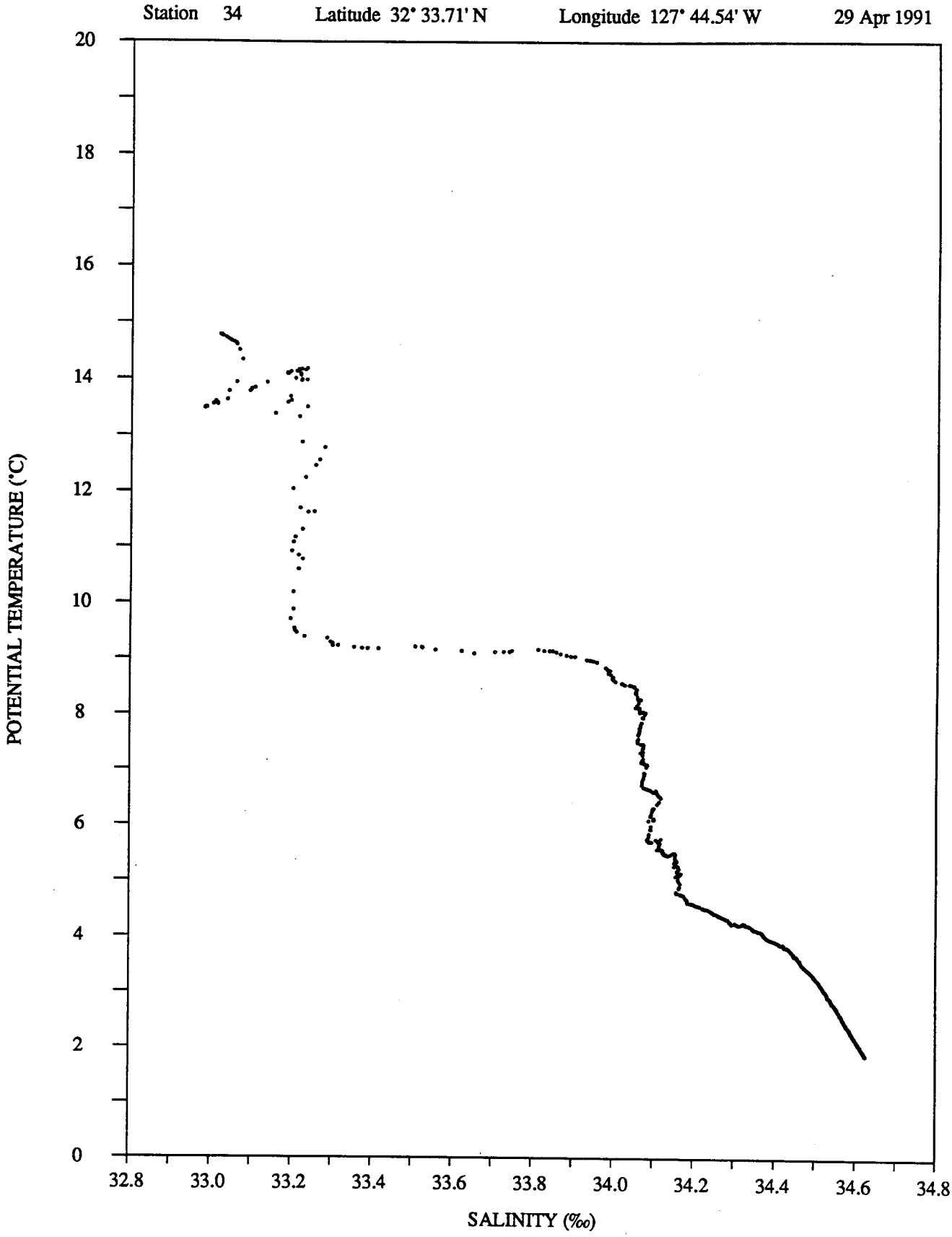
Station 34
Latitude 32° 33.71' N
Longitude 127° 44.54' W
29 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
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10
8
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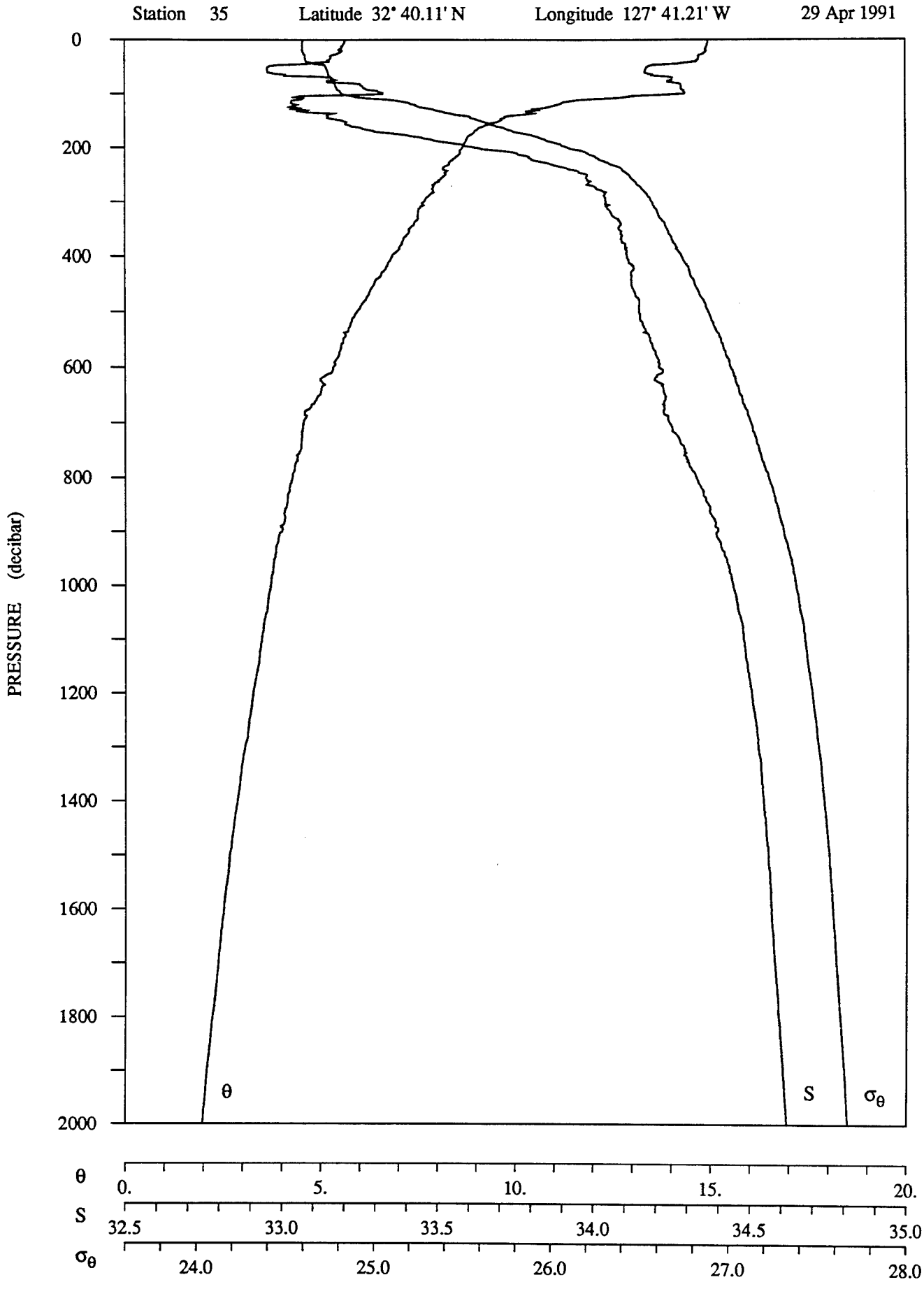
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 35
Latitude 32° 40.11' N
Longitude 127° 41.21' W
29 Apr 1991
PRESSURE (decibar)
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200
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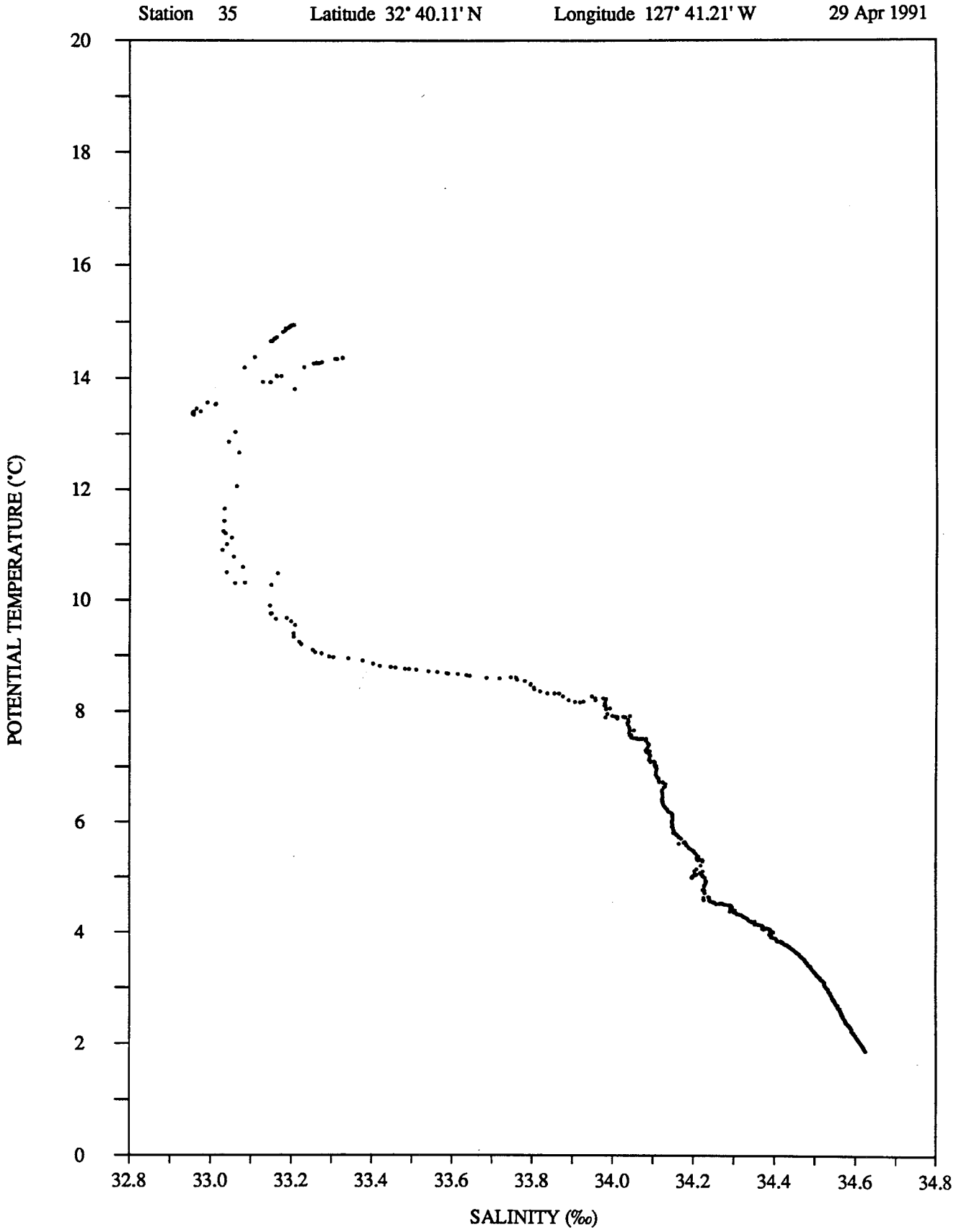
Station 35
Latitude 32° 40.11' N
Longitude 127° 41.21' W
29 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
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10
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32.8
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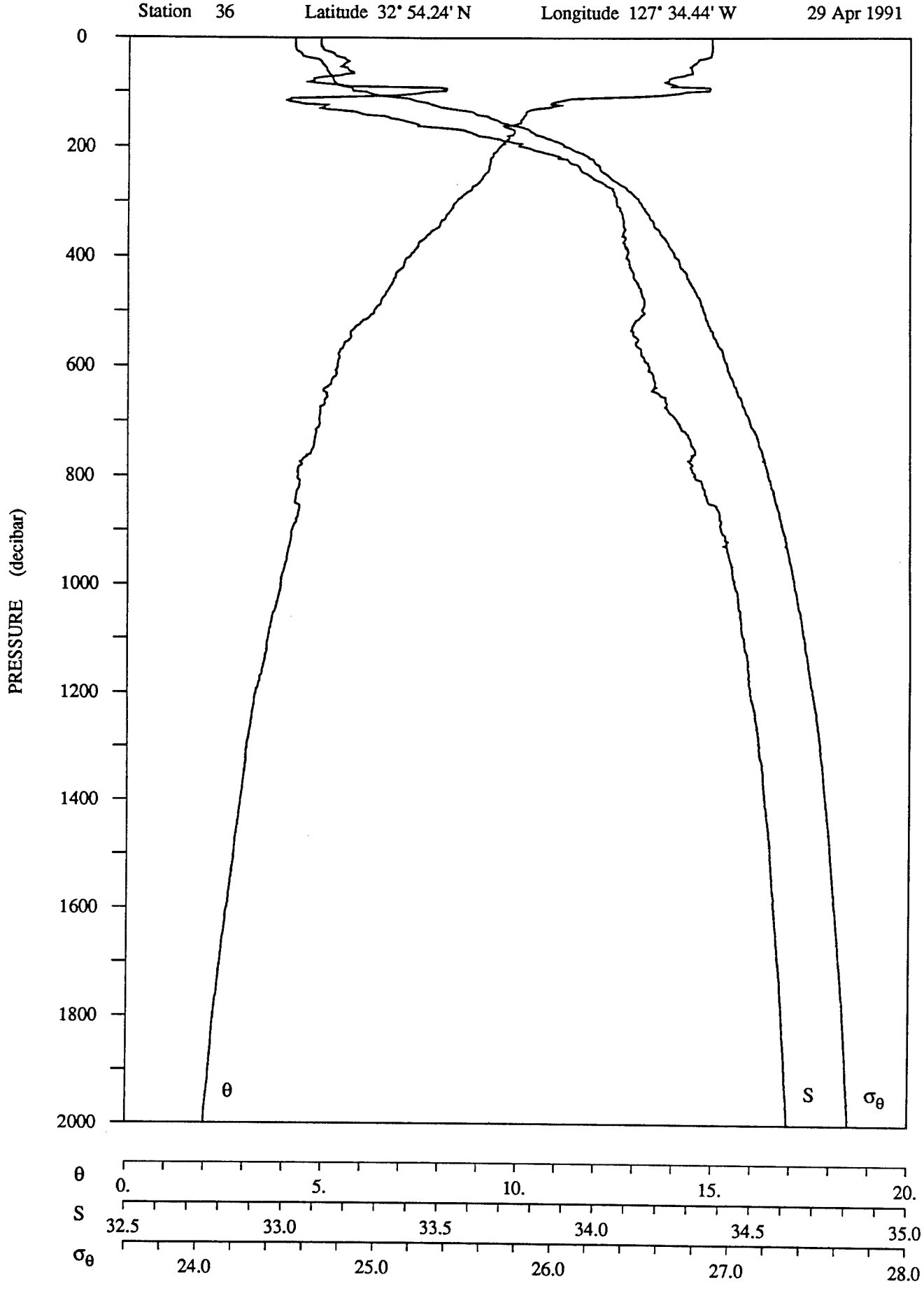
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 36
Latitude 32° 54.24' N
Longitude 127° 34.44' W
29 Apr 1991
PRESSURE (decibar)
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800
1000
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33.5
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34.5
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24.0
25.0
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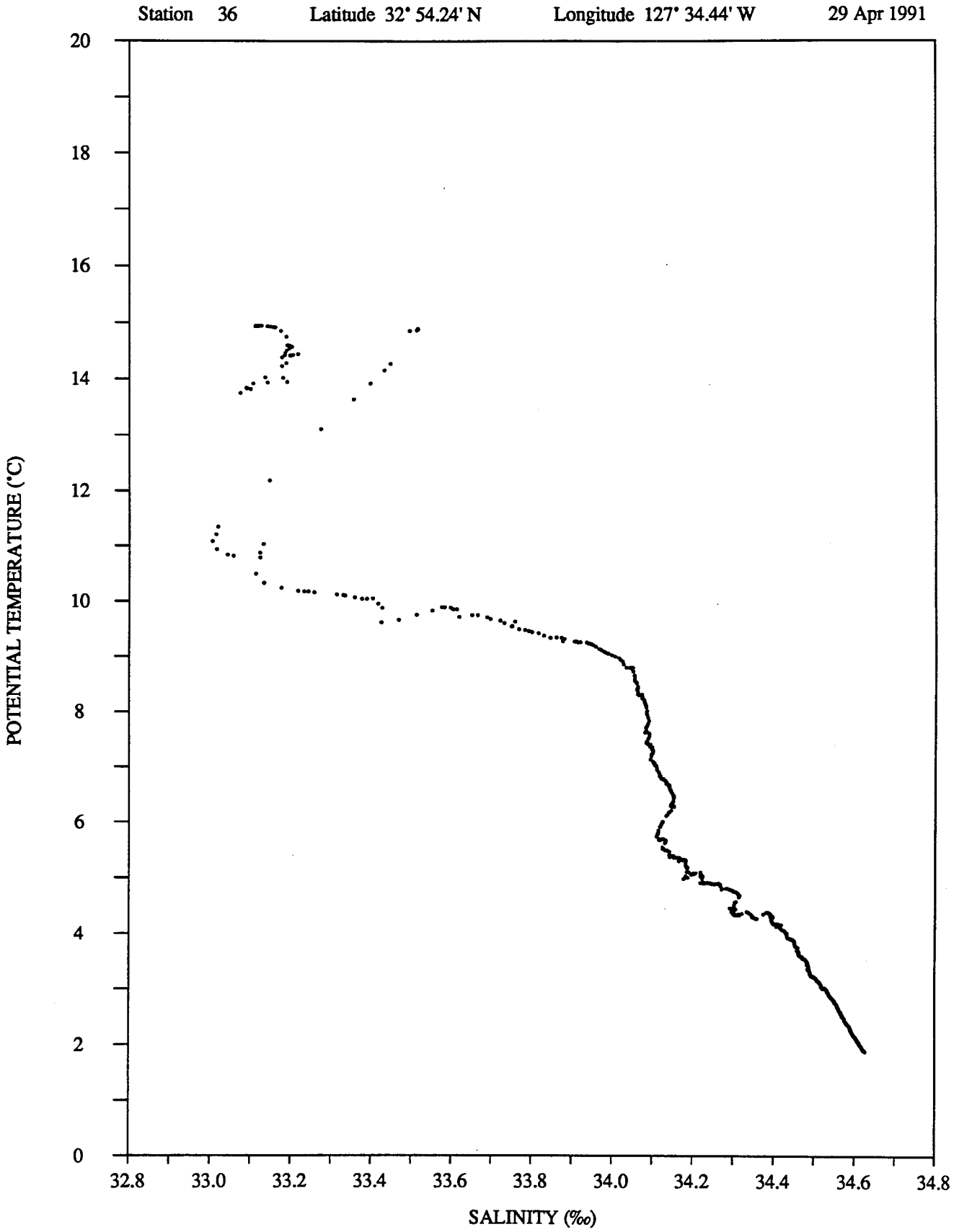
28.0


Station 36
Latitude 32° 54.24' N
Longitude 127° 34.44' W
29 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
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12
10
8
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32.8
33.0
33.2
33.4
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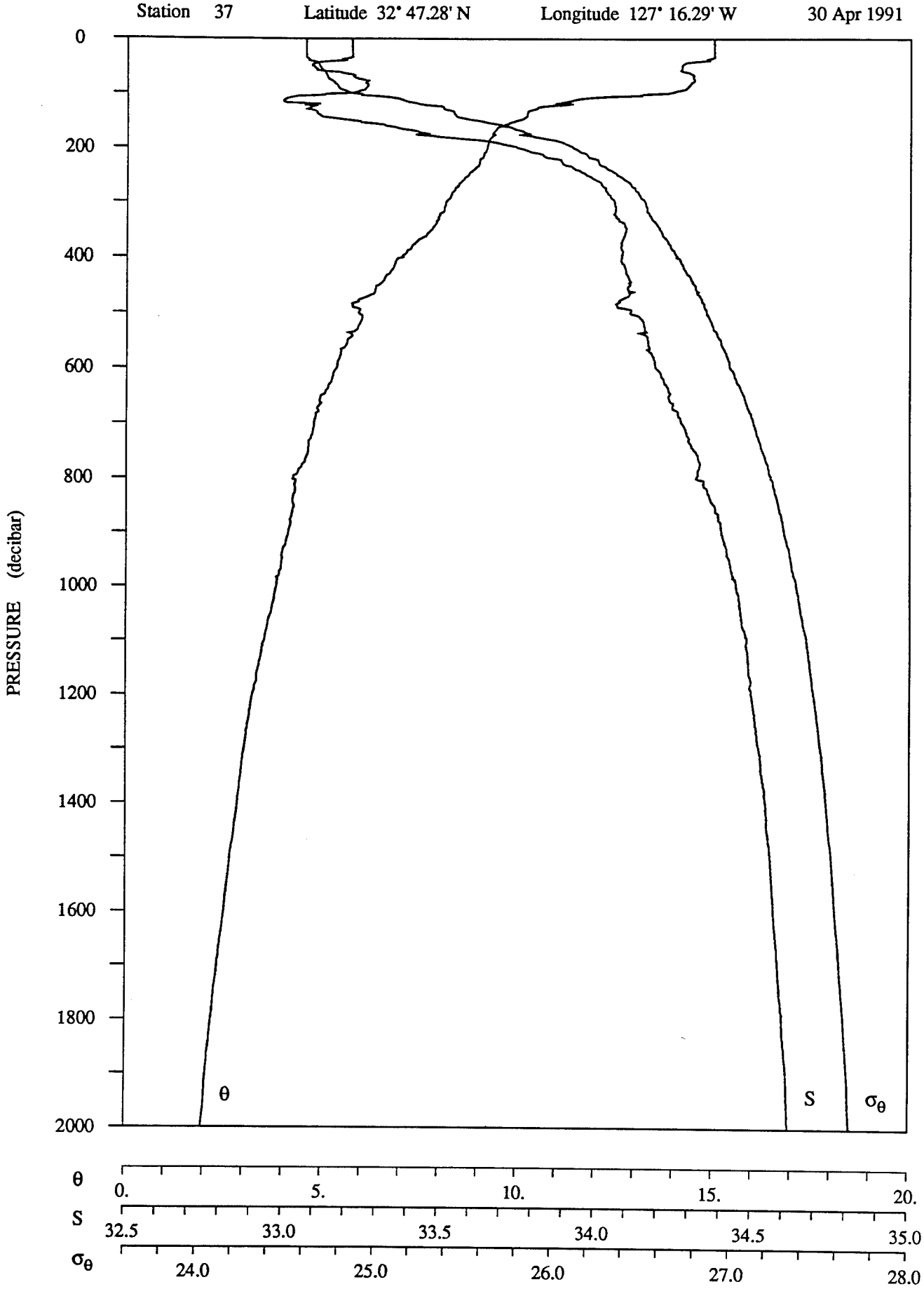
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 37
Latitude 32° 47.28' N
Longitude 127° 16.29' W
30 Apr 1991
PRESSURE (decibar)
0
200
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1000
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20.
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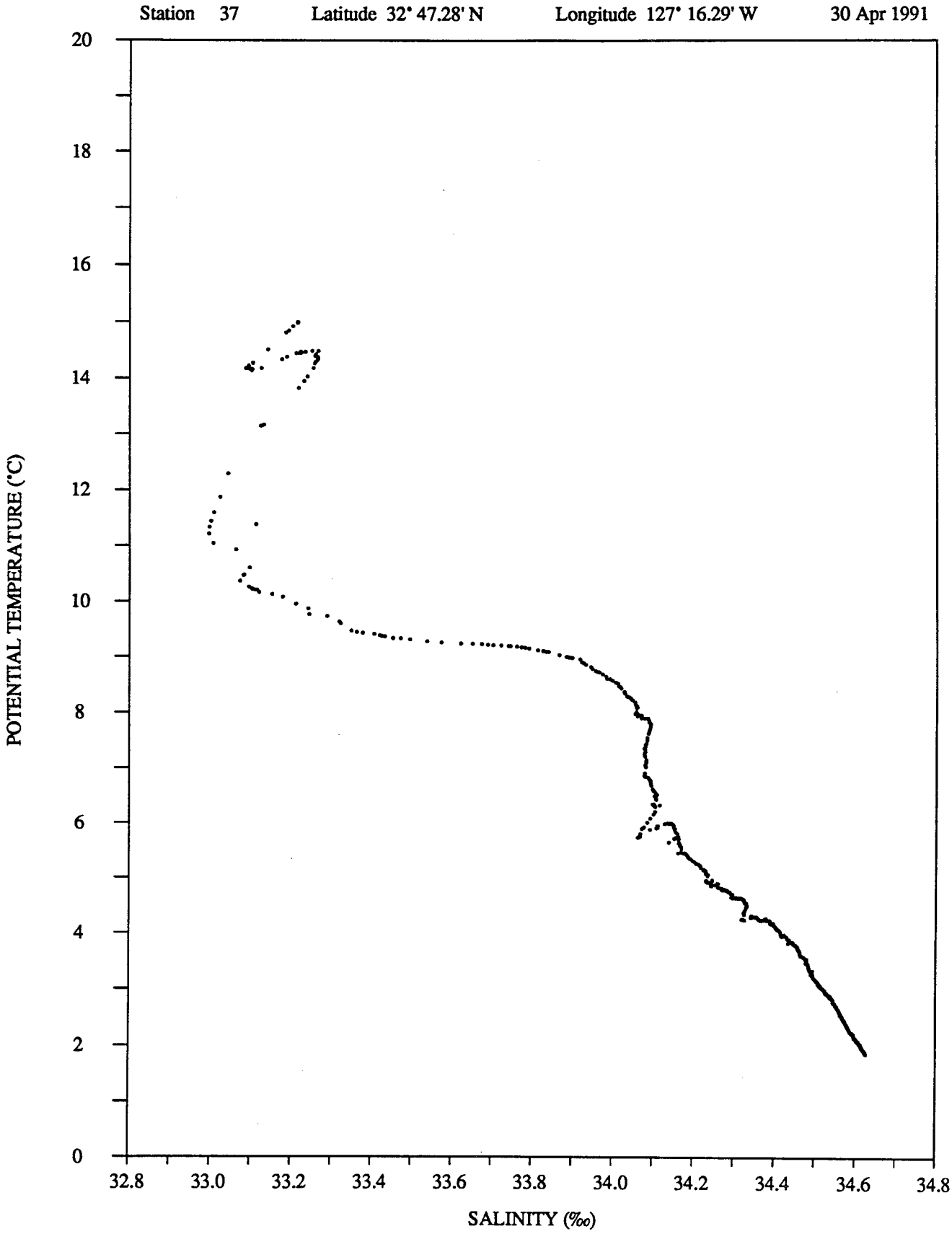
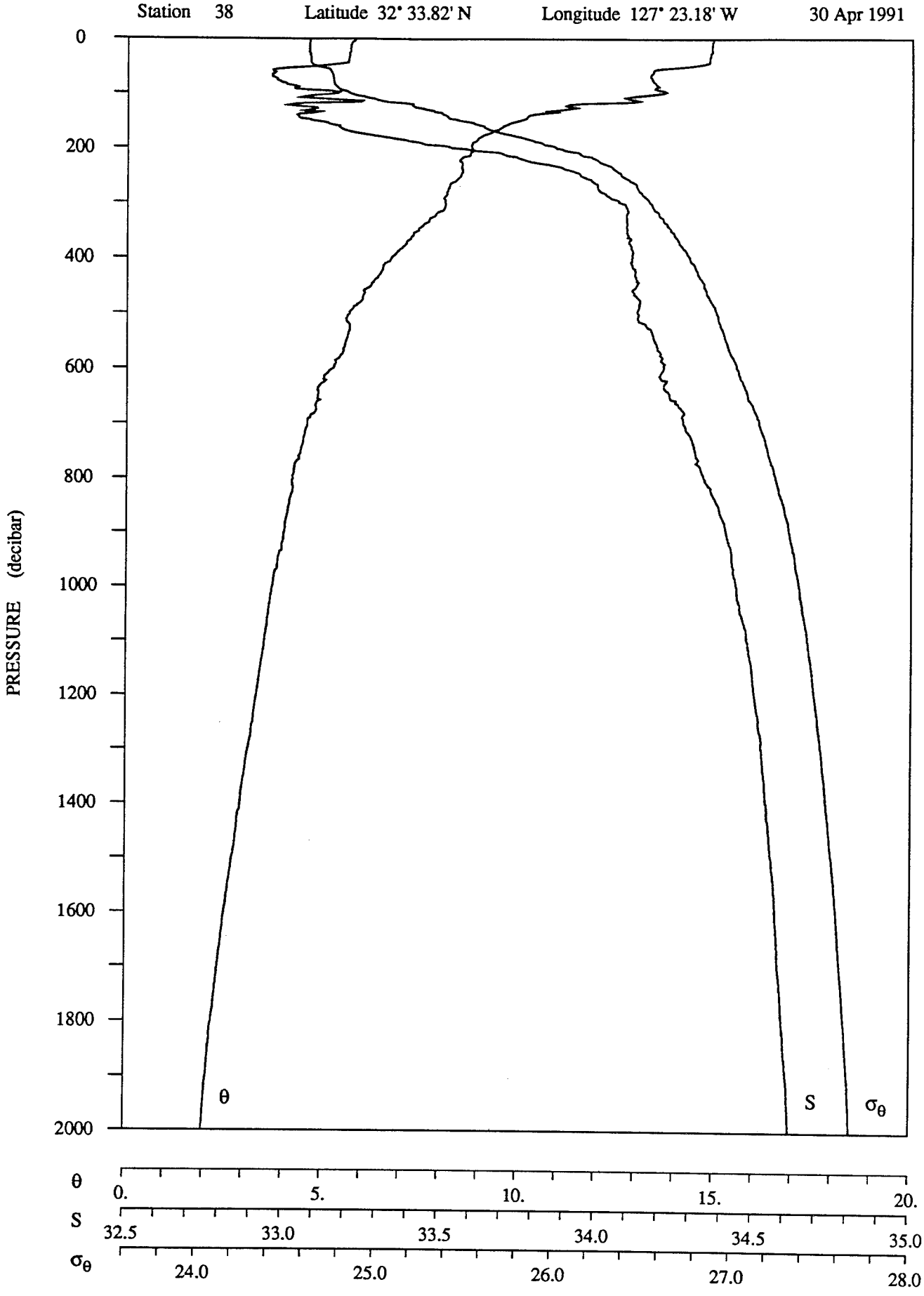
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 37
Latitude 32° 47.28' N
Longitude 127° 16.29' W
30 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 38
Latitude 32° 33.82' N
Longitude 127° 23.18' W
30 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
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32.5
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34.5
35.0
σθ
24.0
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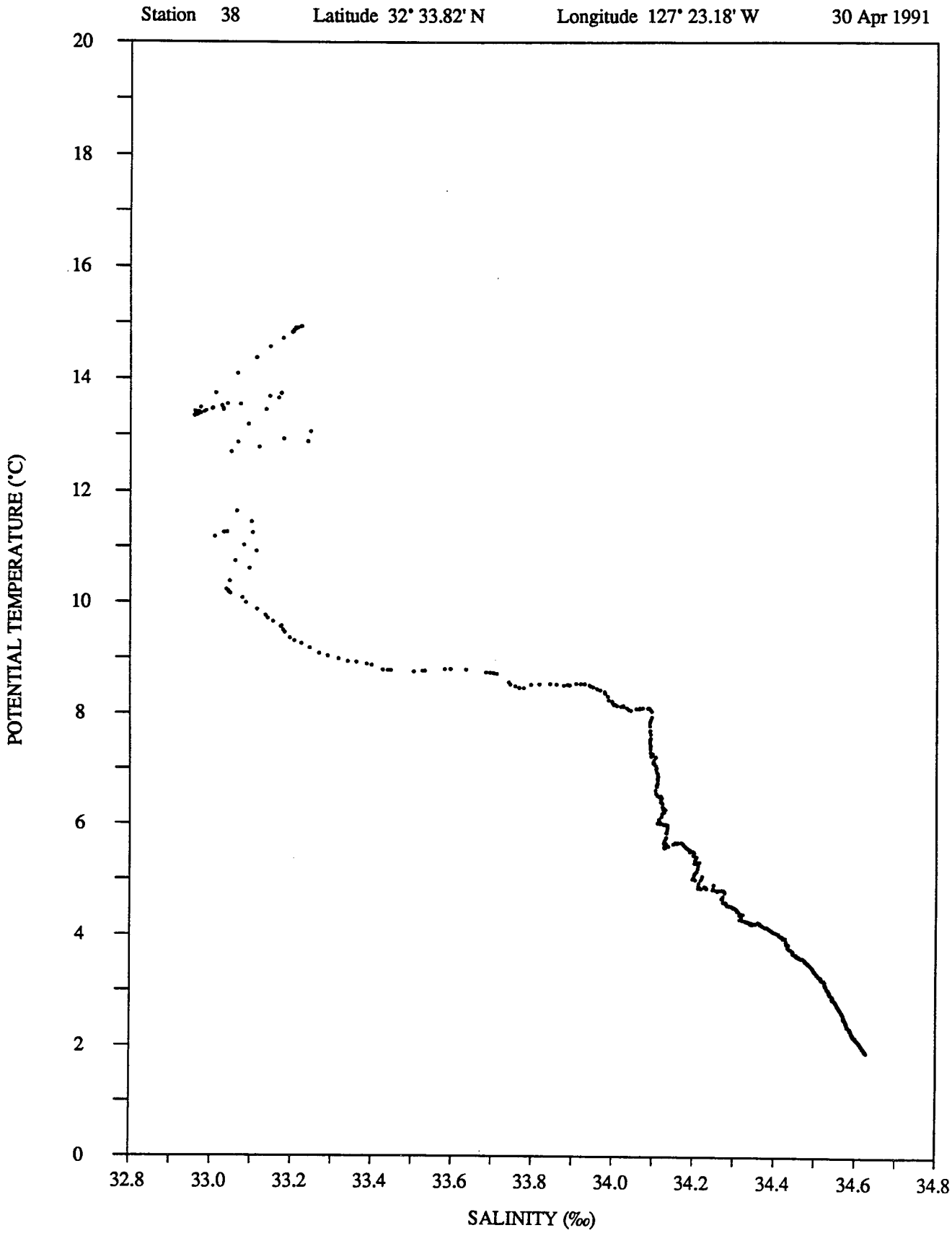
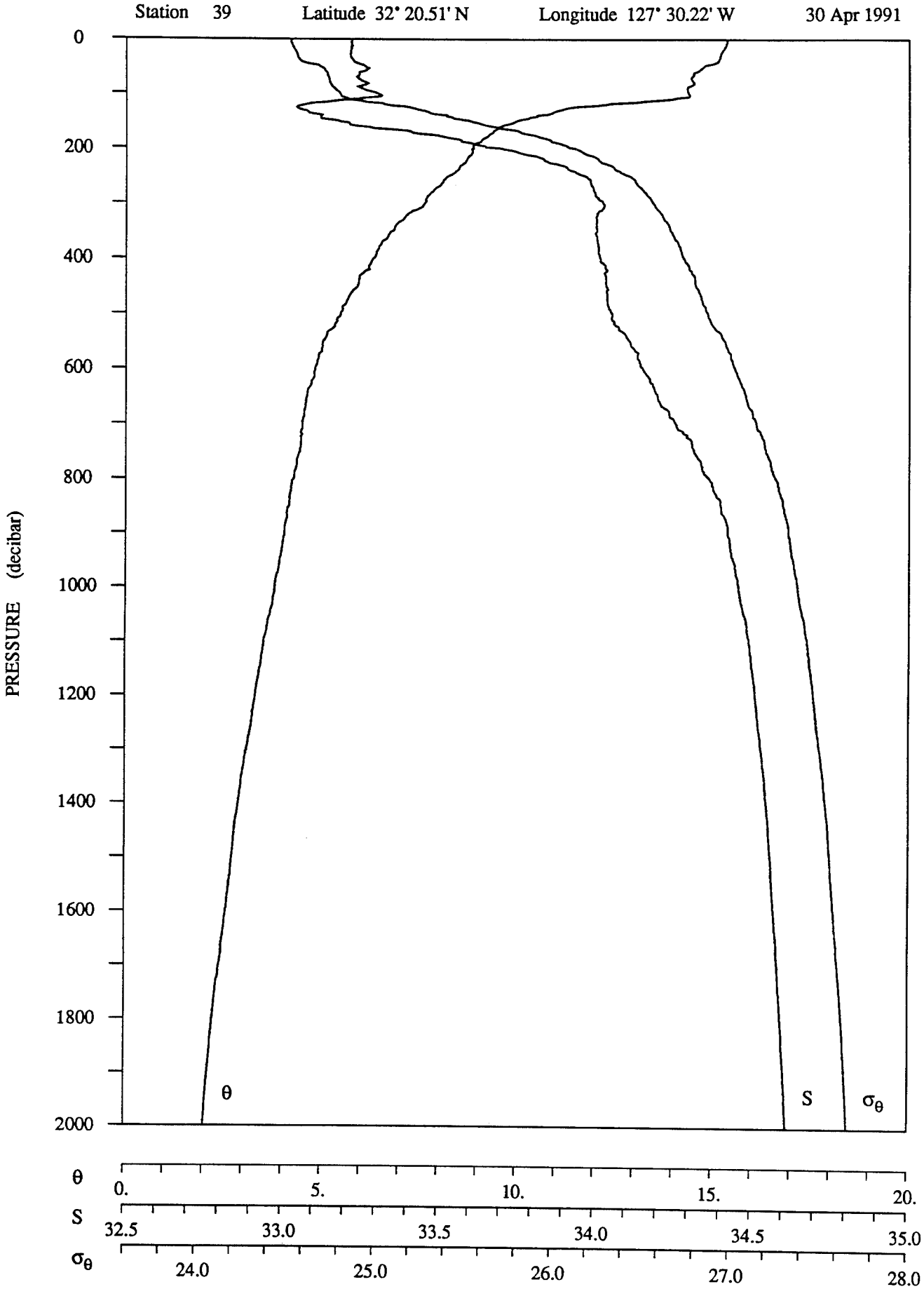
27.0
28.0


Station 38
Latitude 32° 33.82' N
Longitude 127° 23.18' W
30 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 39
Latitude 32° 20.51' N
Longitude 127° 30.22' W
30 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
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σθ
θ
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34.5
35.0
σθ
24.0
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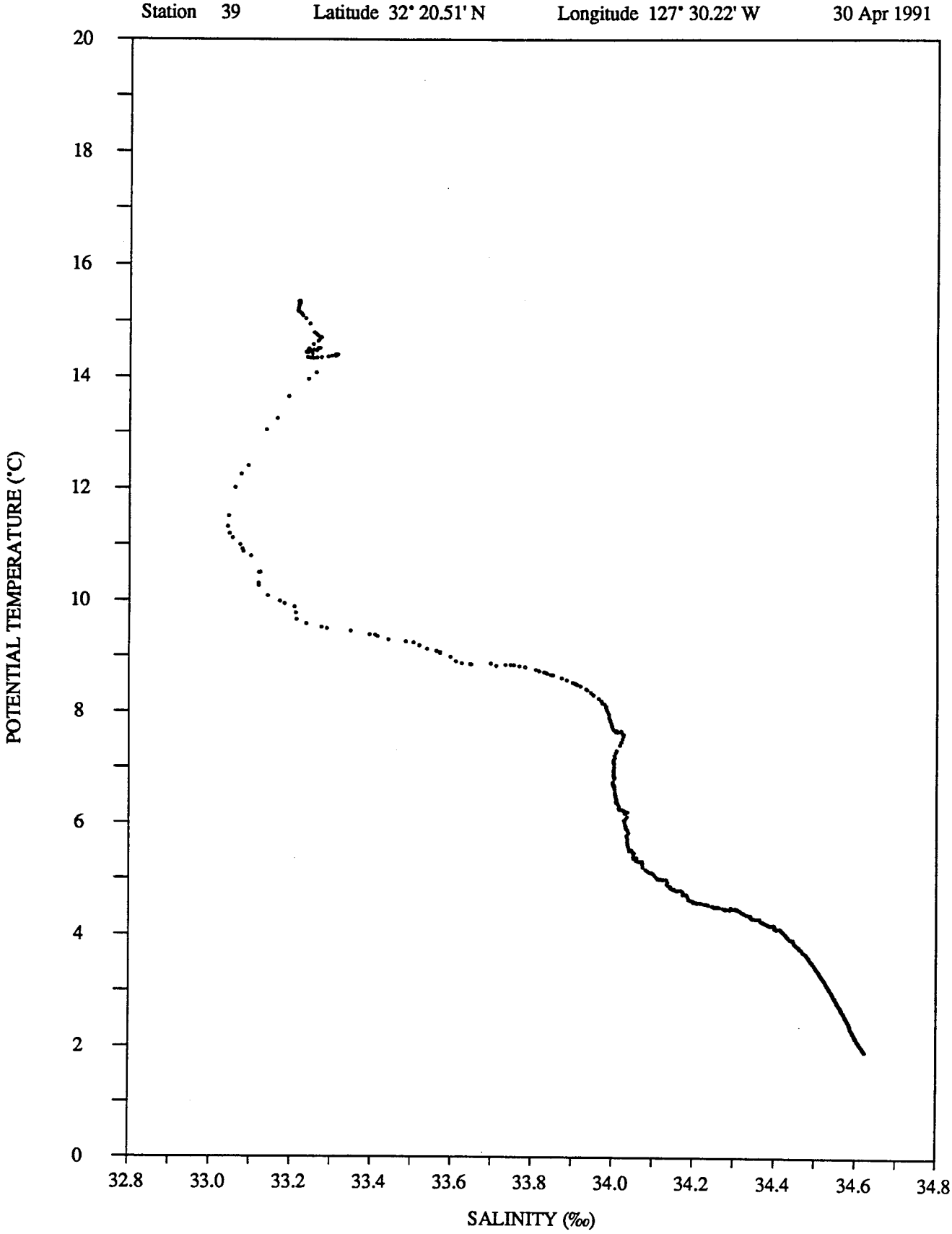
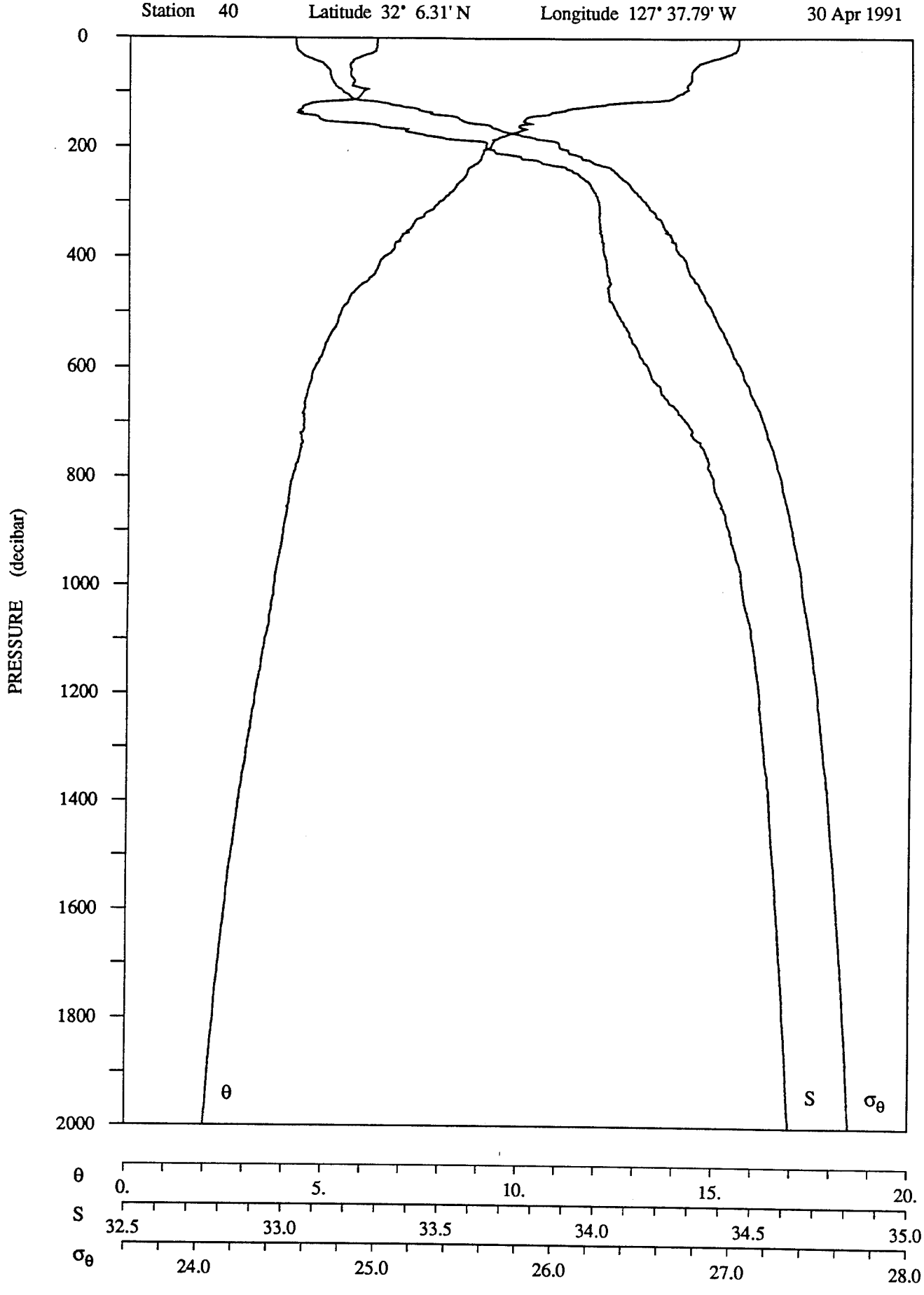

Station 39
Latitude 32° 20.51' N
Longitude 127° 30.22' W
30 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 40
Latitude 32° 6.31' N
Longitude 127° 37.79' W
30 Apr 1991
PRESSURE (decibar)
0
200
400
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1000
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1400
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33.5
34.0
34.5
35.0
σθ
24.0
25.0
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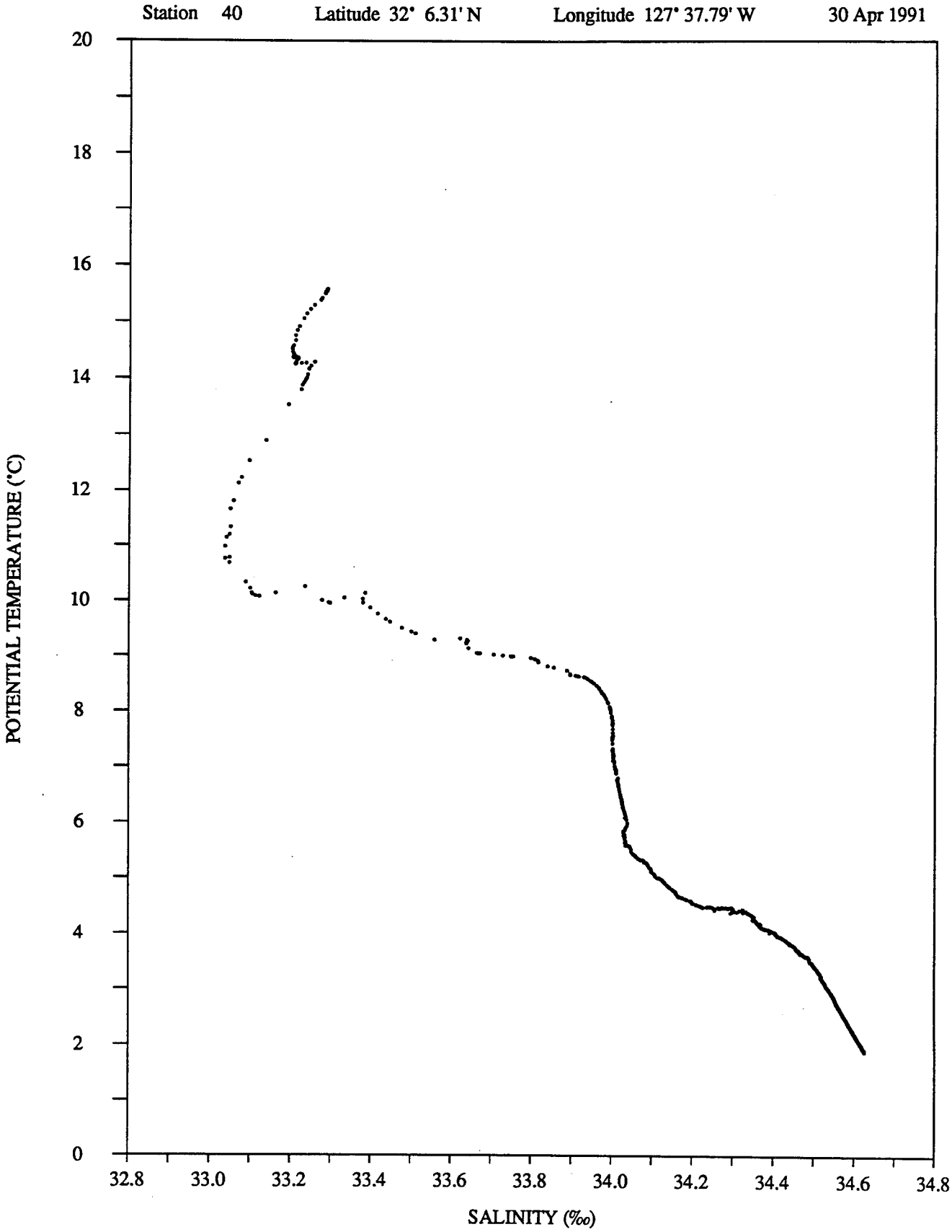
27.0
28.0


Station 40
Latitude 32° 6.31' N
Longitude 127° 37.79' W
30 Apr 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
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12
10
8
6
4
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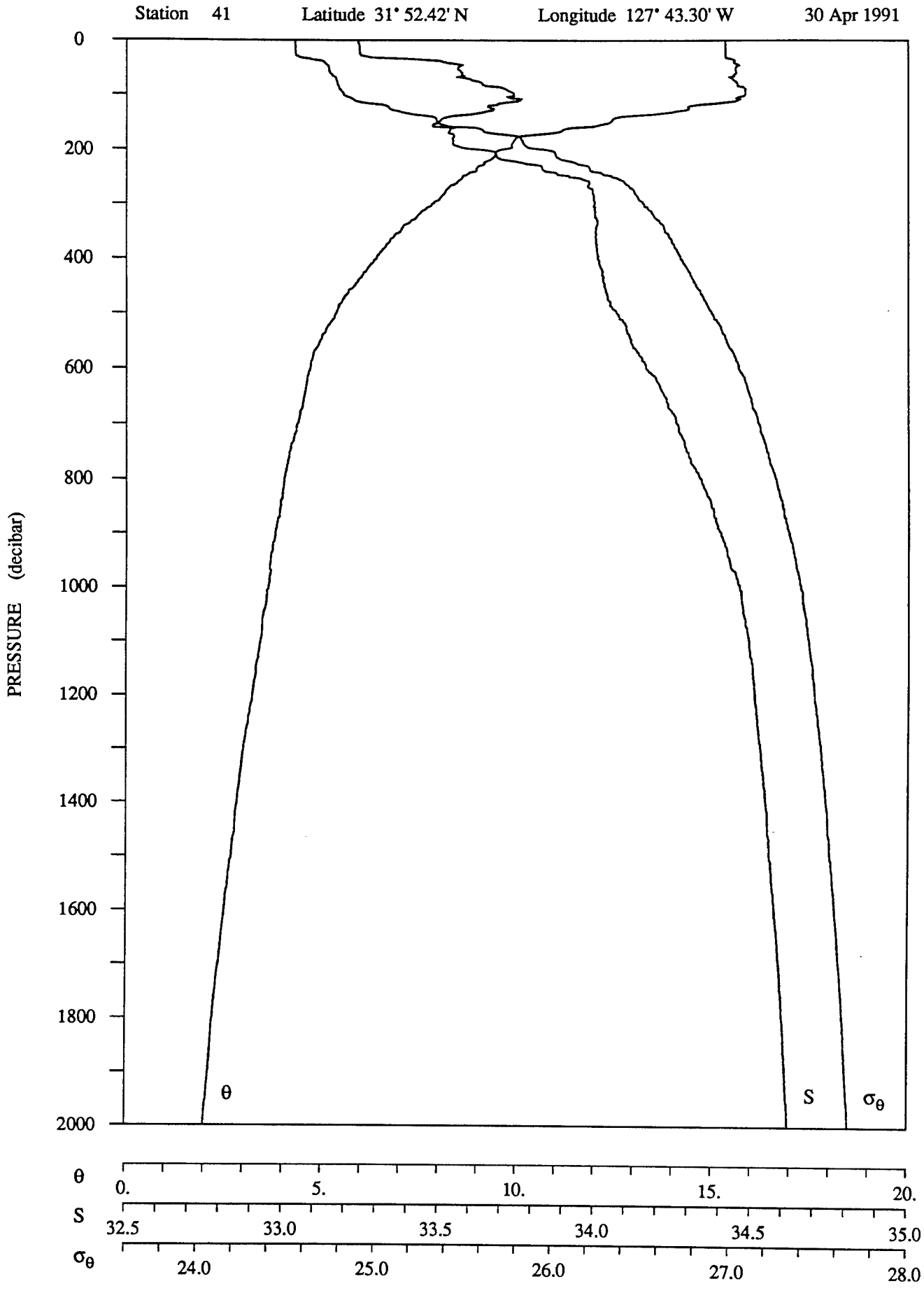
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 41
Latitude 31° 52.42' N
Longitude 127° 43.30' W
30 Apr 1991
PRESSURE (decibar)
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1400
1600
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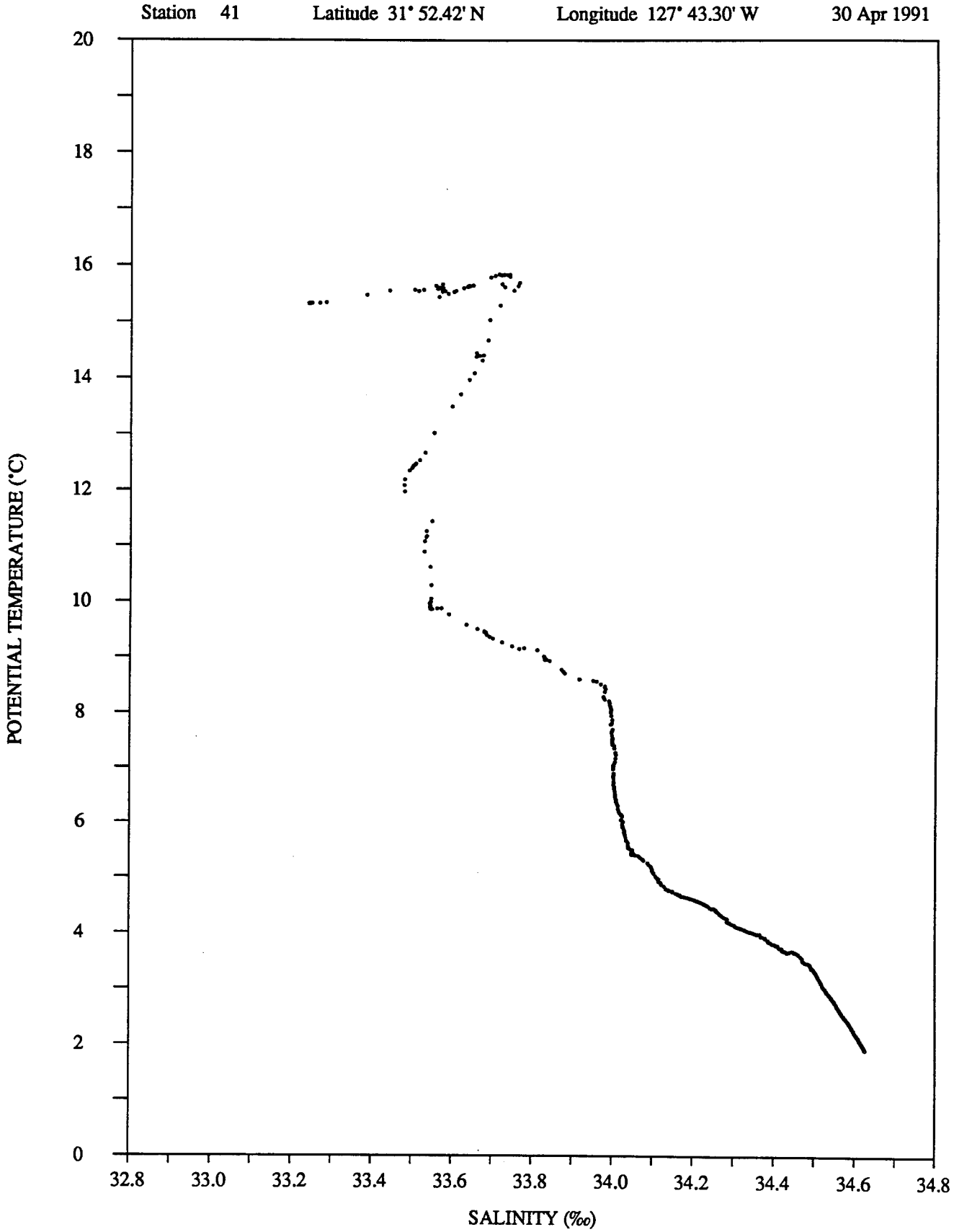
28.0


Station 41
Latitude 31° 52.42' N
Longitude 127° 43.30' W
30 Apr 1991
POTENTIAL TEMPERATURE (°C)
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18
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12
10
8
6
4
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32.8
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33.2
33.4
33.6
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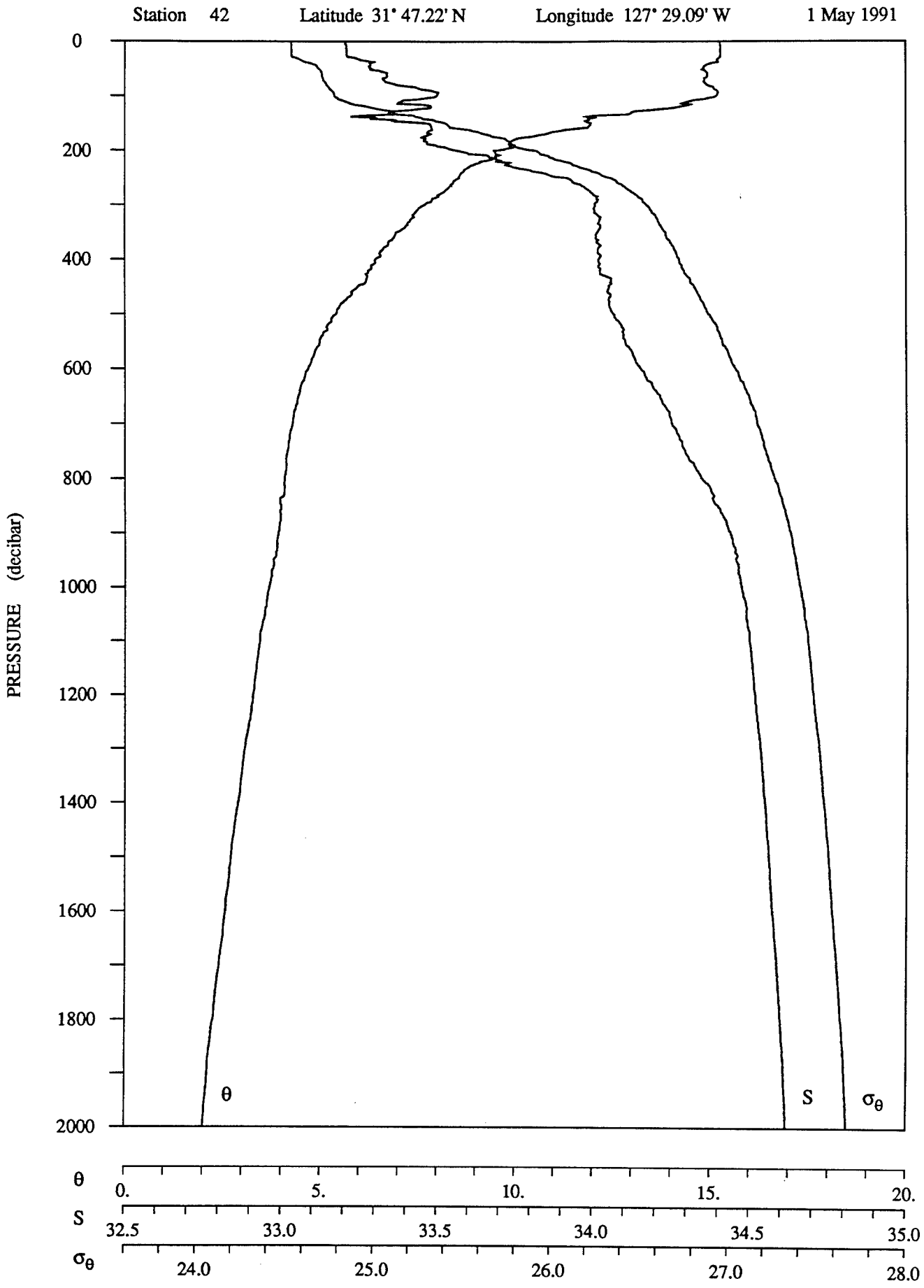
34.4
34.6
34.8
SALINITY (‰)


Station 42
Latitude 31° 47.22' N
Longitude 127° 29.09' W
1 May 1991
PRESSURE (decibar)
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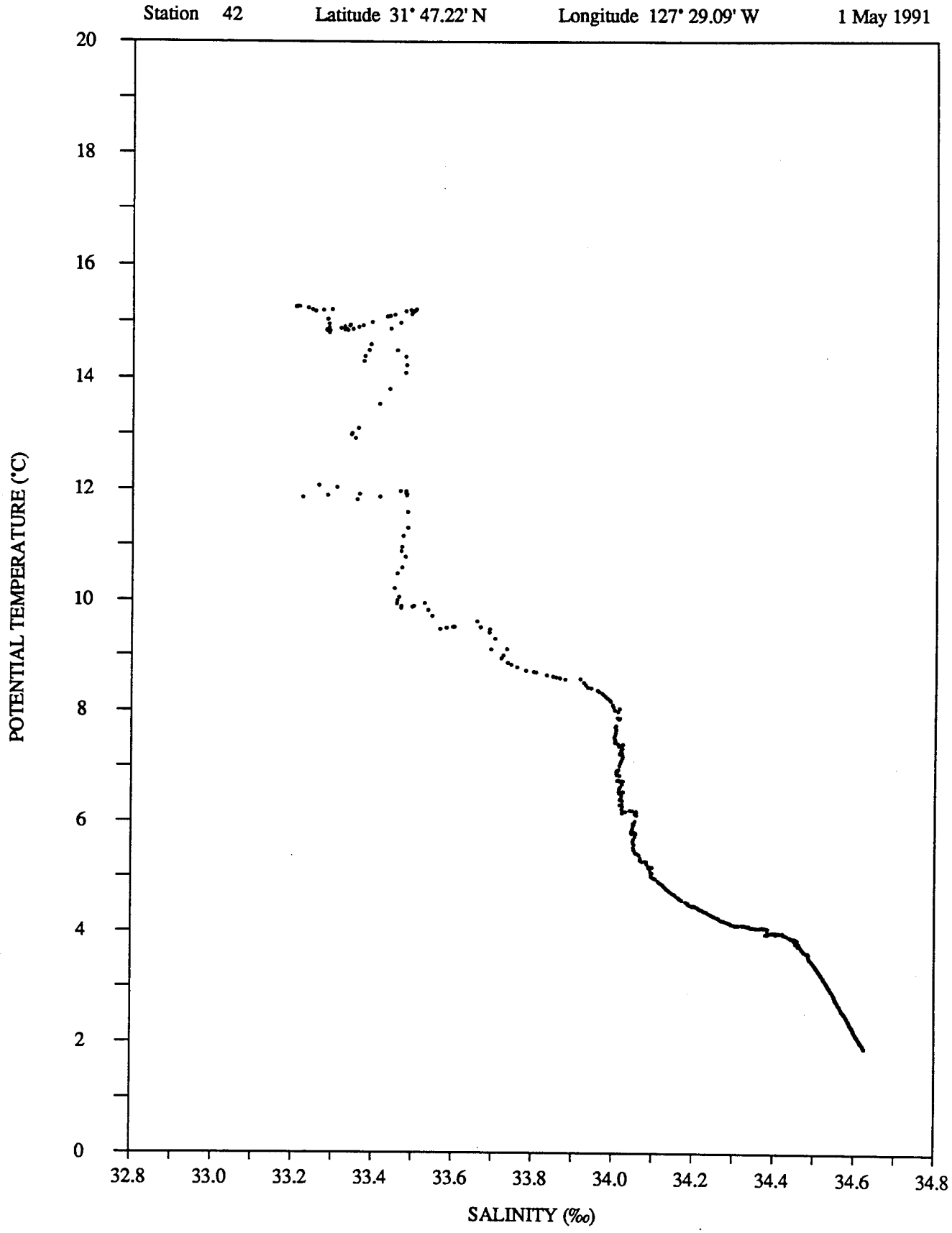
Station 42
Latitude 31° 47.22' N
Longitude 127° 29.09' W
1 May 1991
POTENTIAL TEMPERATURE (°C)
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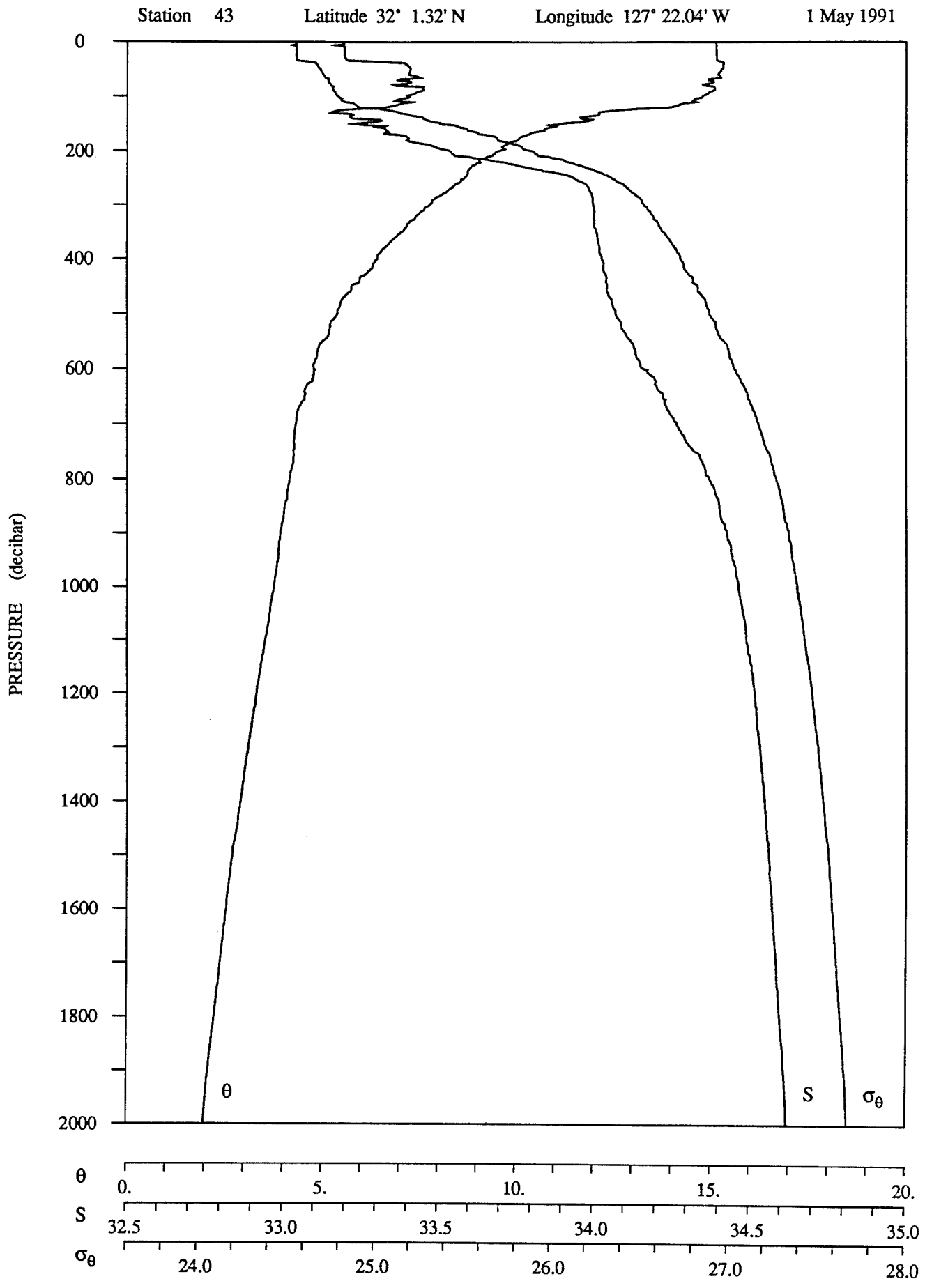
34.4
34.6
34.8
SALINITY (‰)


Station 43
Latitude 32° 1.32' N
Longitude 127° 22.04' W
1 May 1991
PRESSURE (decibar)
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35.0
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24.0
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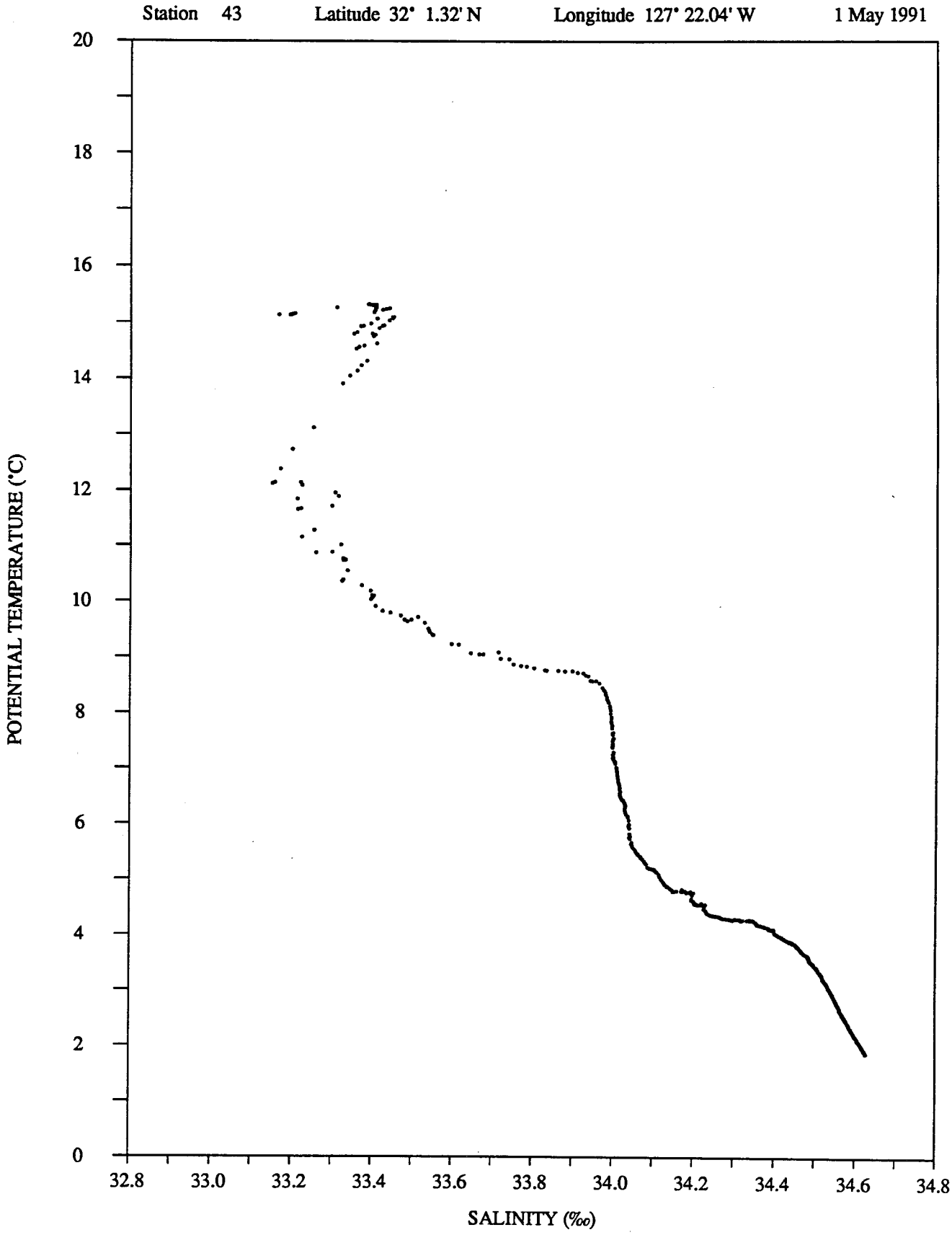
Station 43
Latitude 32° 1.32' N
Longitude 127° 22.04' W
1 May 1991
POTENTIAL TEMPERATURE (°C)
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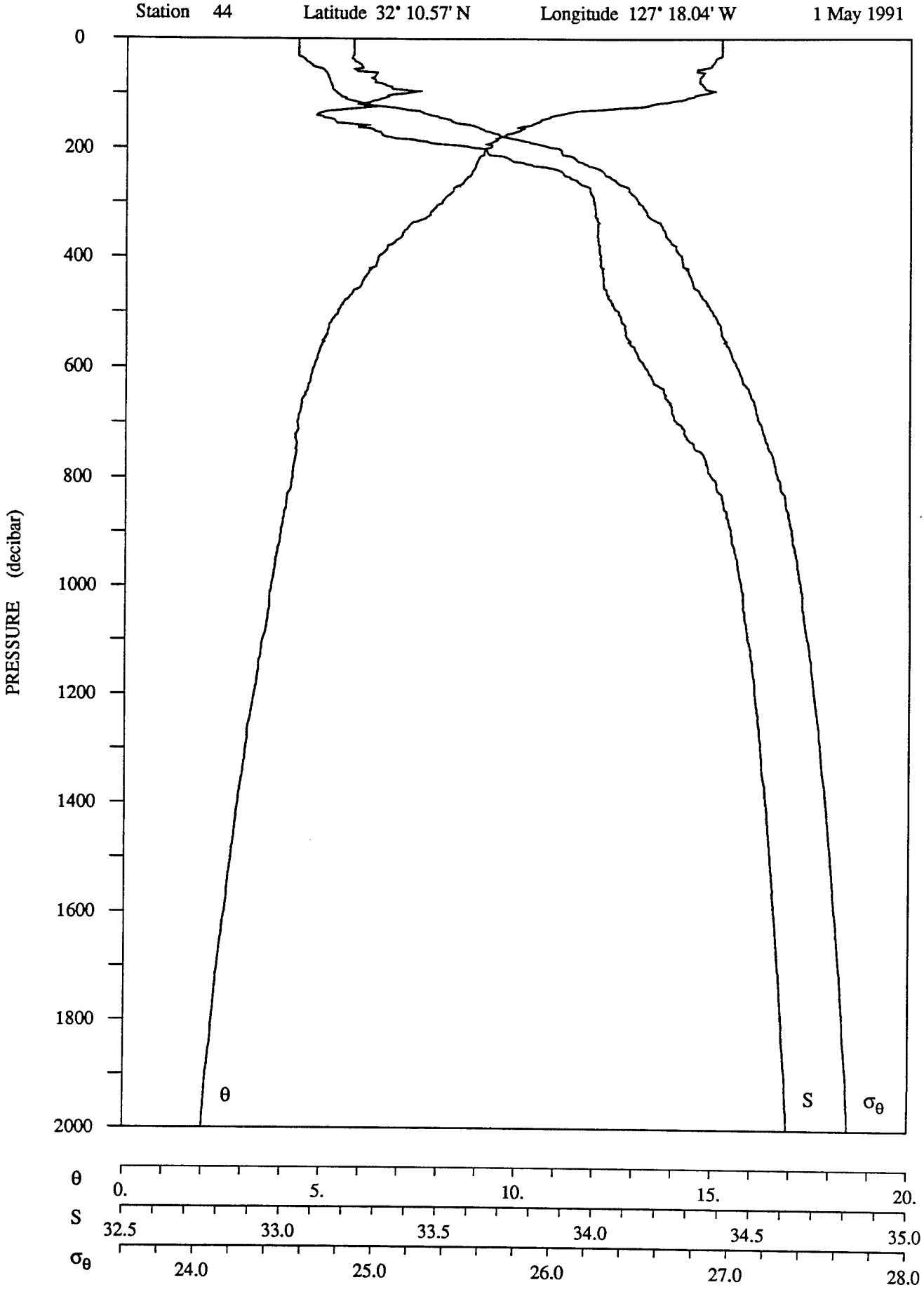
34.6
34.8
SALINITY (‰)


Station 44
Latitude 32° 10.57' N
Longitude 127° 18.04' W
1 May 1991
PRESSURE (decibar)
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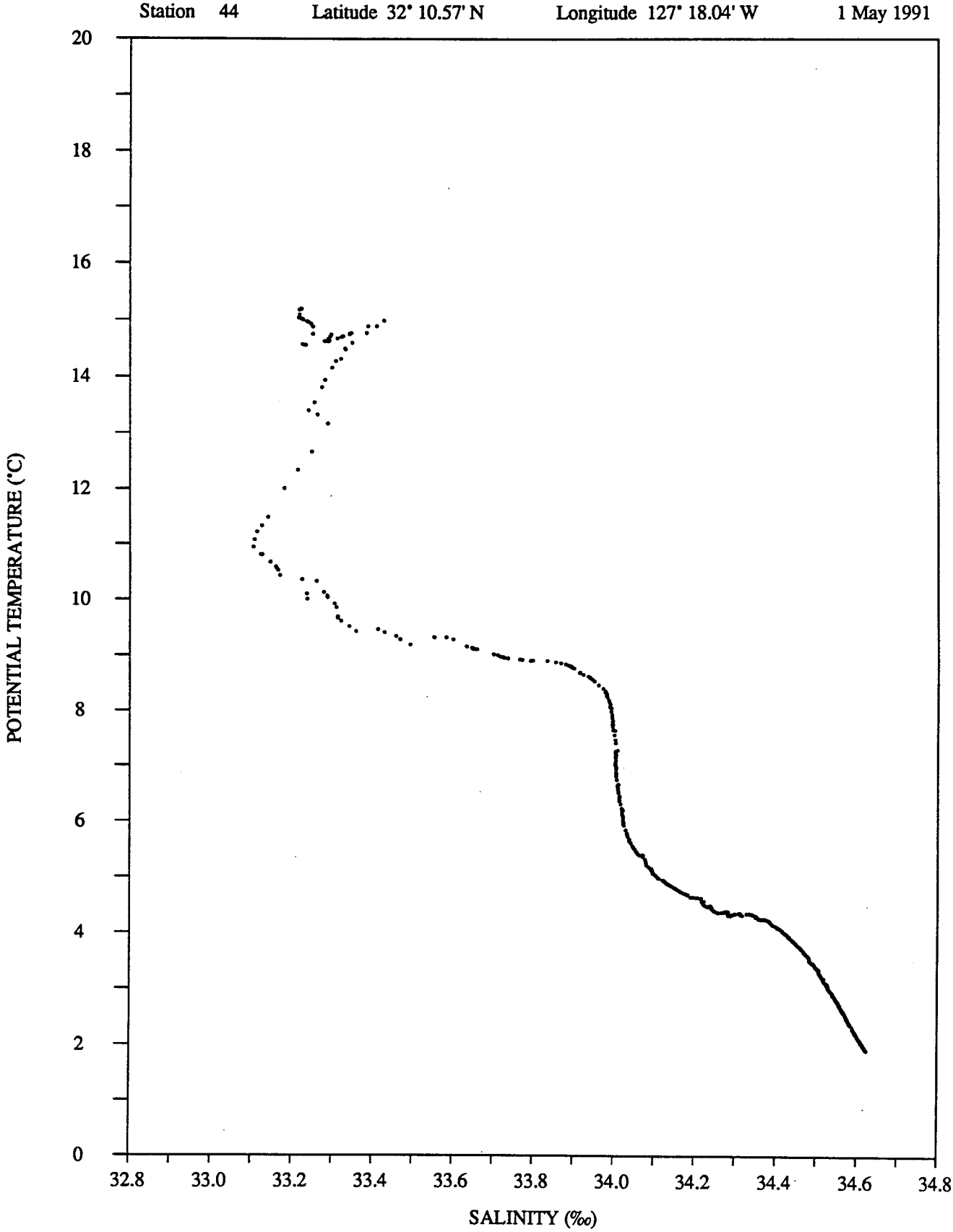
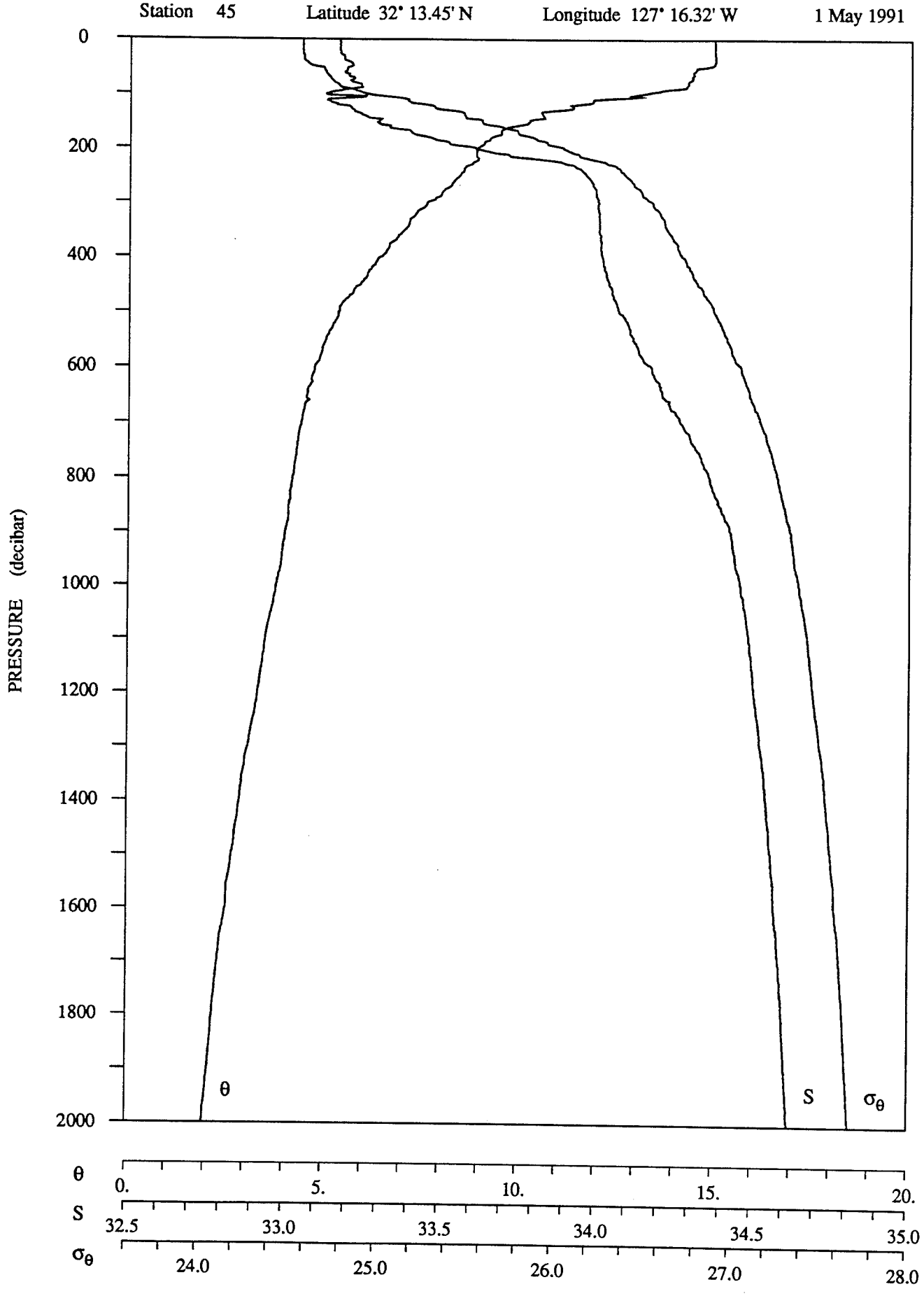

Station 44
Latitude 32° 10.57' N
Longitude 127° 18.04' W
1 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 45
Latitude 32° 13.45' N
Longitude 127° 16.32' W
1 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
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0.
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32.5
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34.5
35.0
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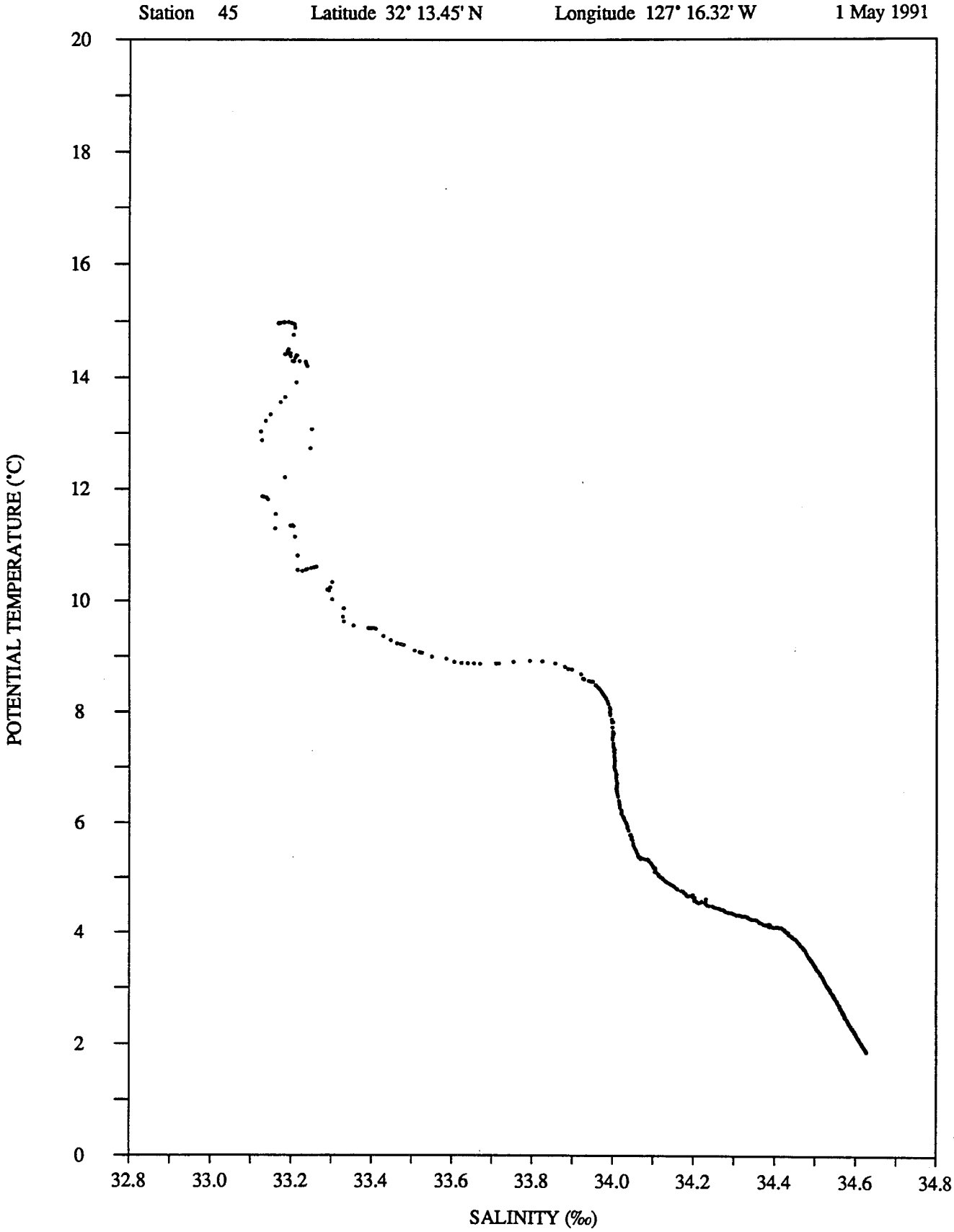
Station 45
Latitude 32° 13.45' N
Longitude 127° 16.32' W
1 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
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0
32.8
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33.2
33.4
33.6
33.8
34.0
34.2
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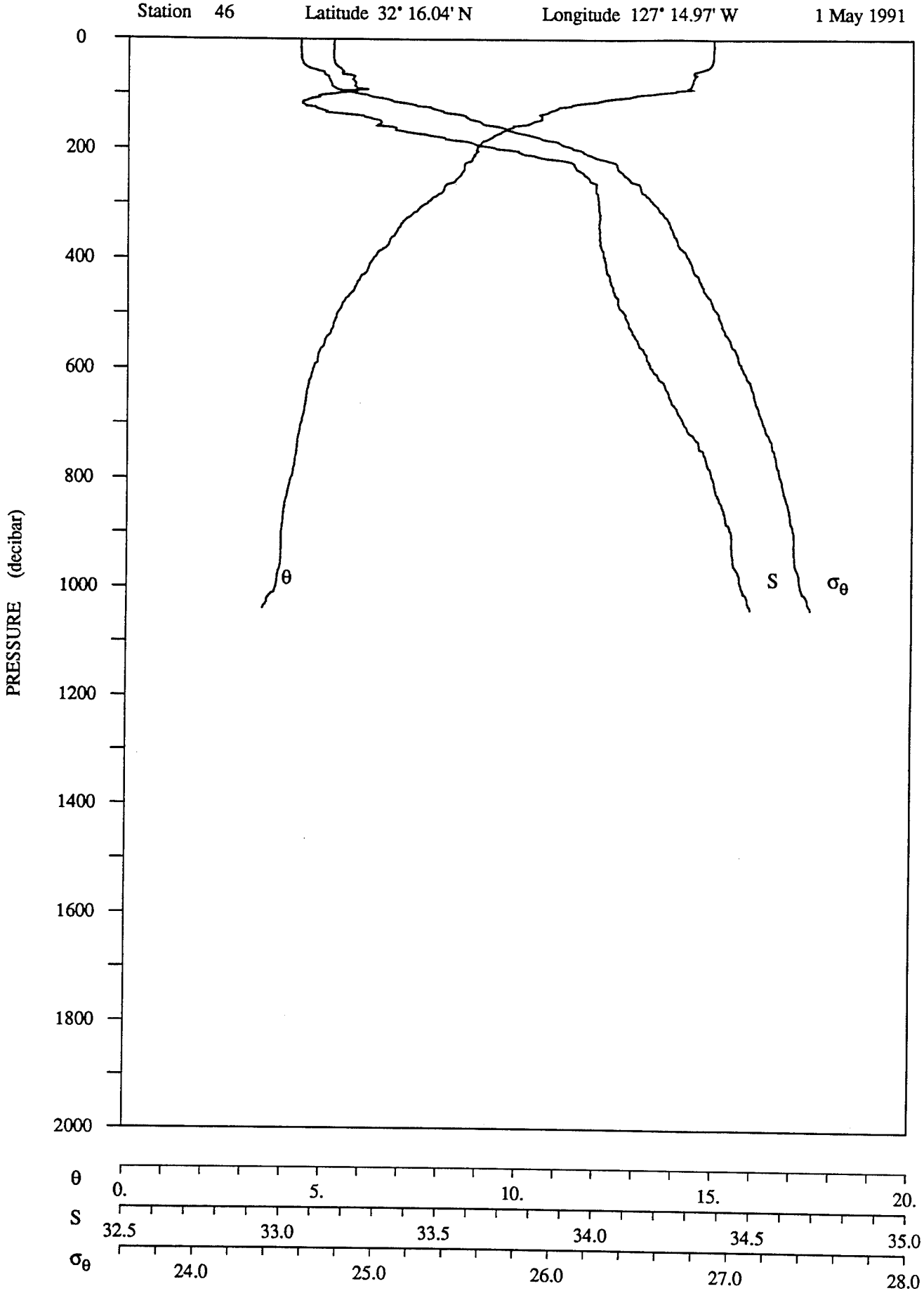
34.8
SALINITY (‰)


Station 46
Latitude 32° 16.04' N
Longitude 127° 14.97' W
1 May 1991
PRESSURE (decibar)
0
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1000
1200
1400
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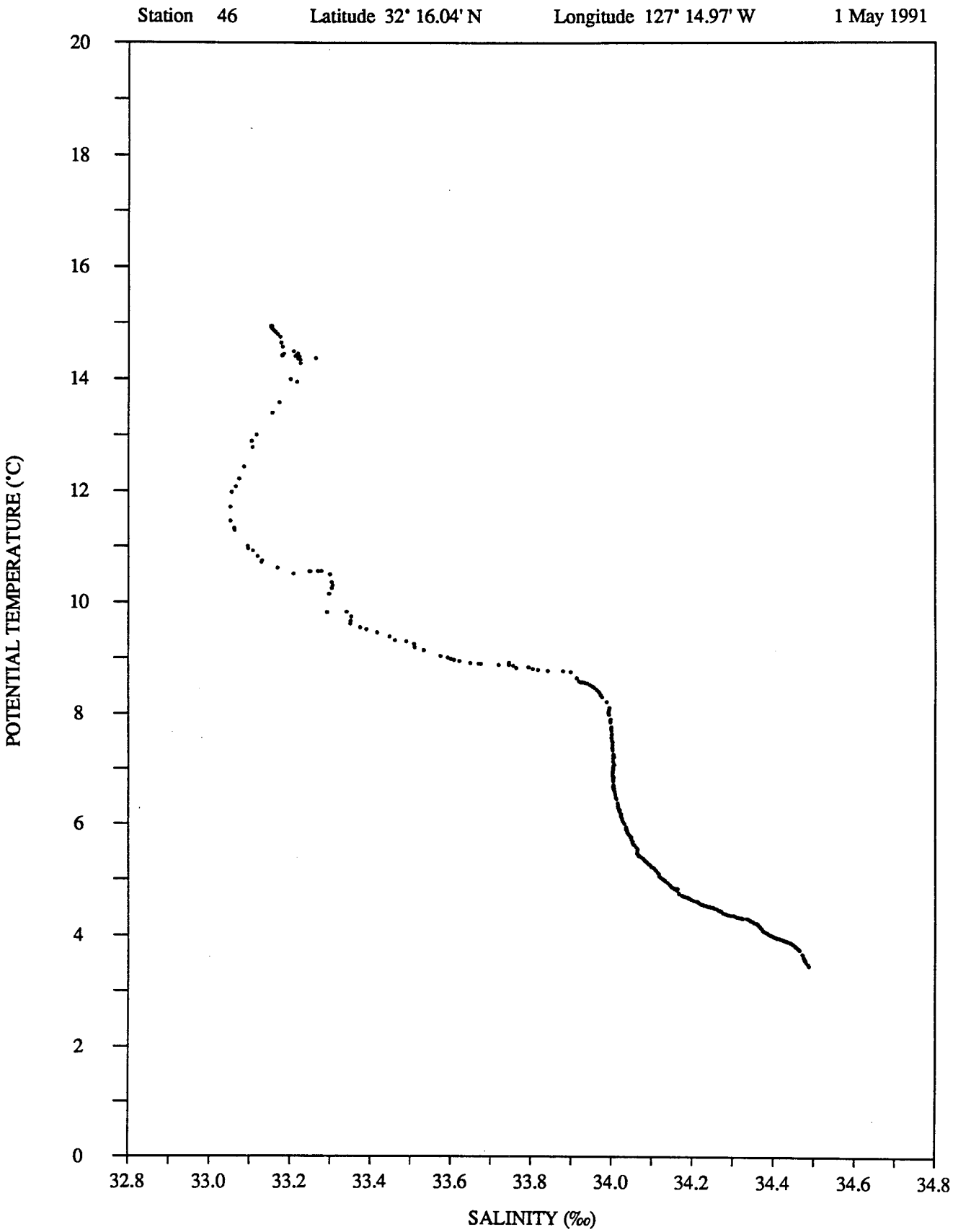
Station 46
Latitude 32° 16.04' N
Longitude 127° 14.97' W
1 May 1991
POTENTIAL TEMPERATURE (°C)
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8
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32.8
33.0
33.2
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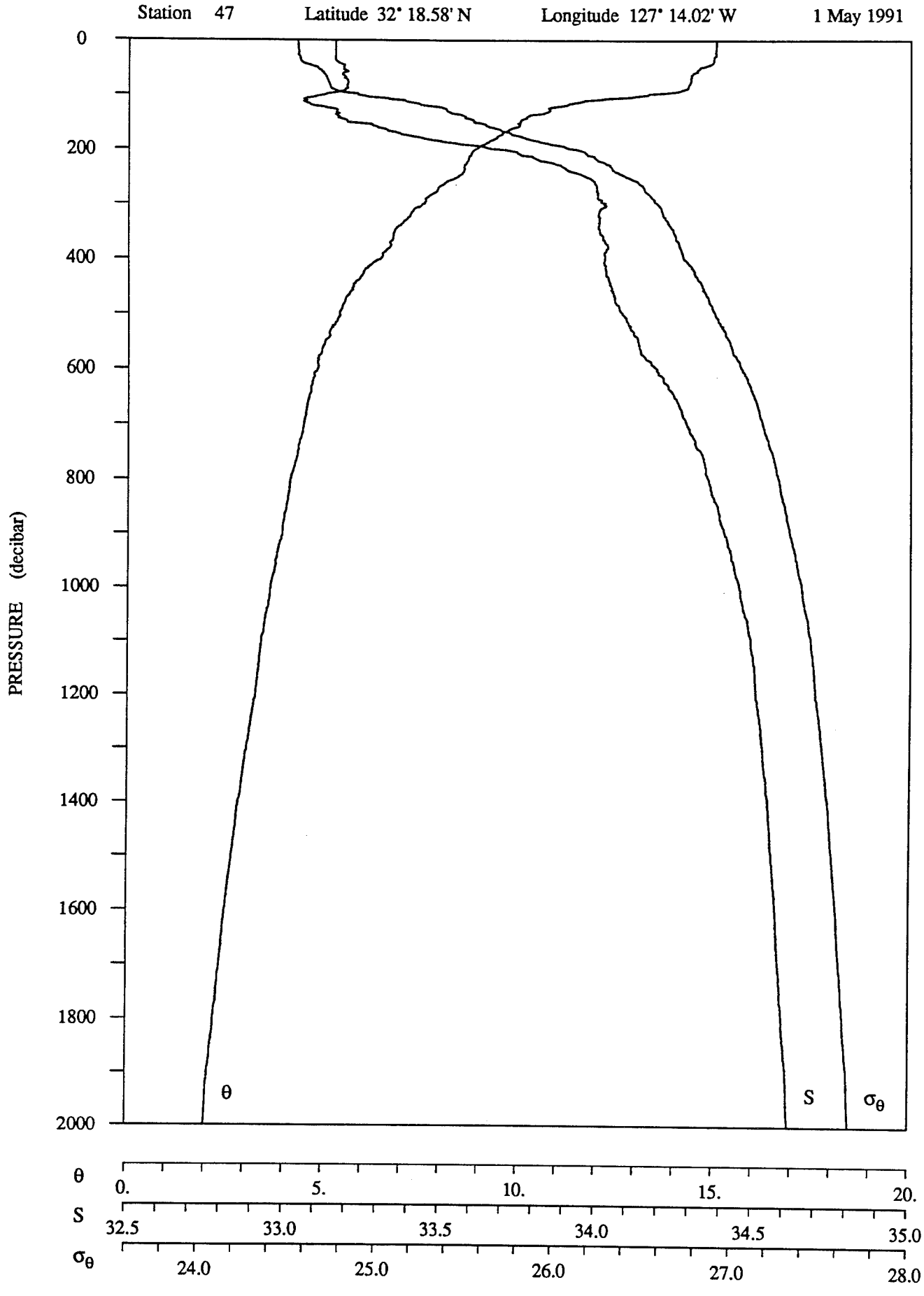
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 47
Latitude 32° 18.58' N
Longitude 127° 14.02' W
1 May 1991
PRESSURE (decibar)
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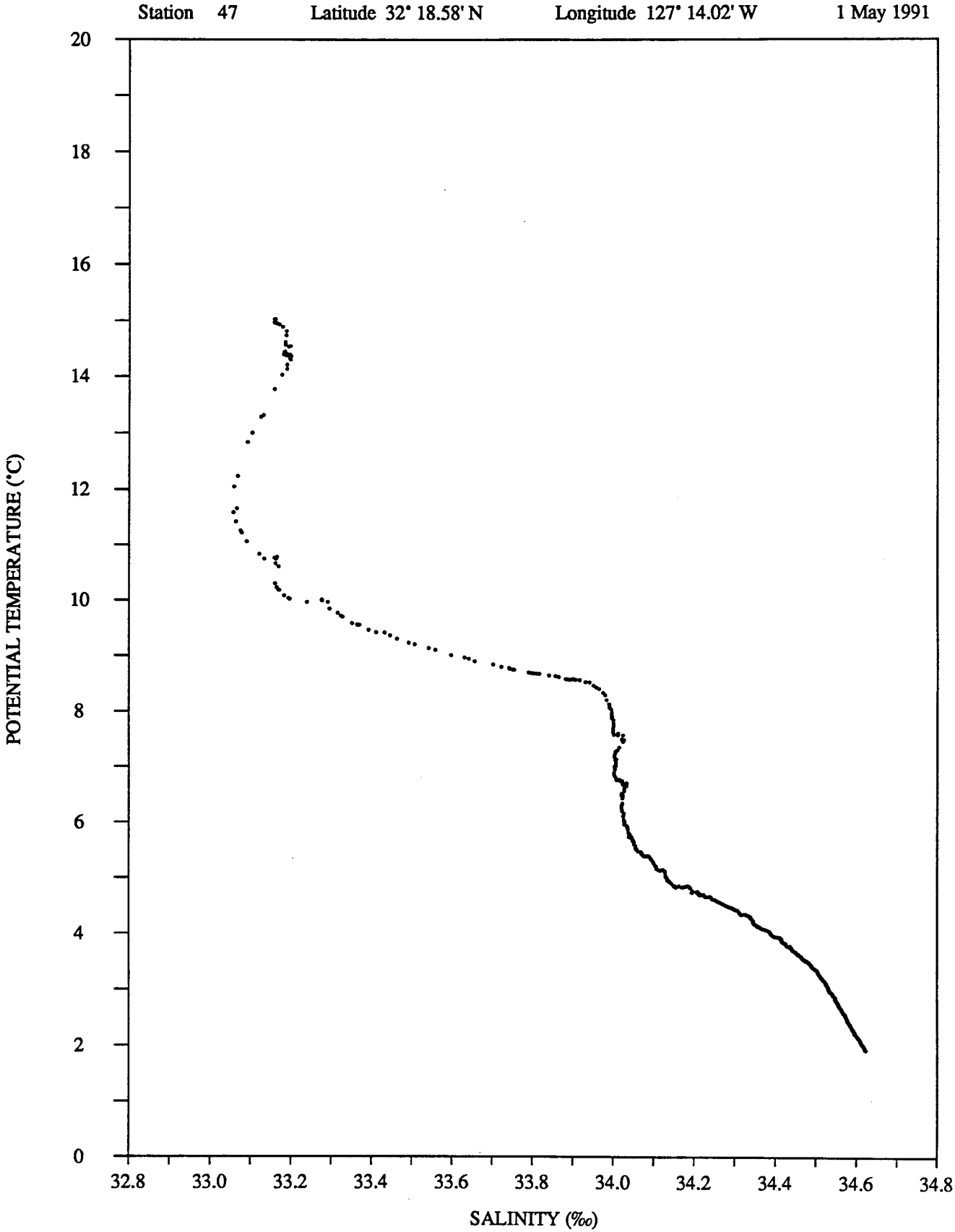
Station 47
Latitude 32° 18.58' N
Longitude 127° 14.02' W
1 May 1991
POTENTIAL TEMPERATURE (°C)
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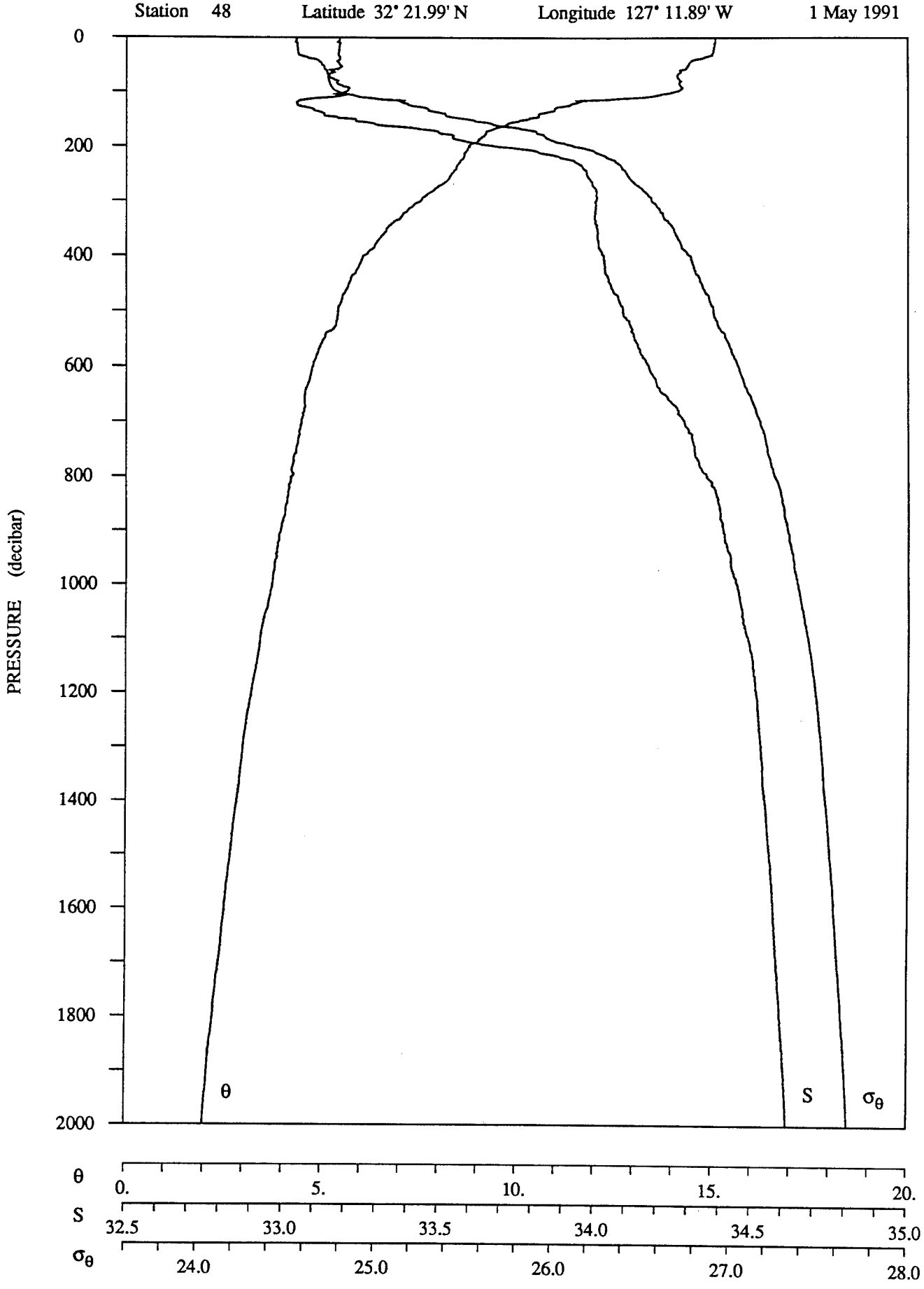
SALINITY (‰)


Station 48
Latitude 32° 21.99' N
Longitude 127° 11.89' W
1 May 1991
PRESSURE (decibar)
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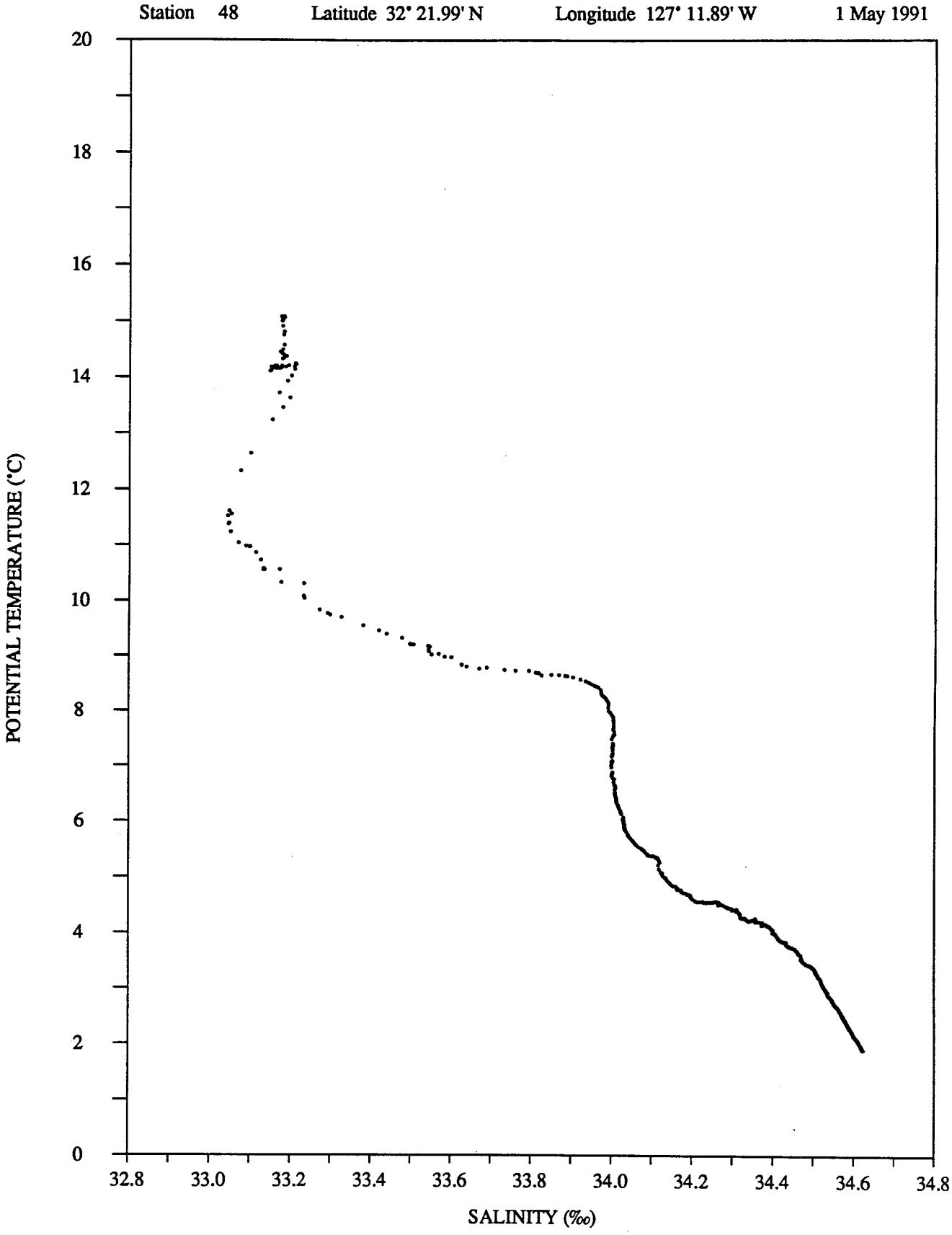
Station 48
Latitude 32° 21.99' N
Longitude 127° 11.89' W
1 May 1991
POTENTIAL TEMPERATURE (°C)
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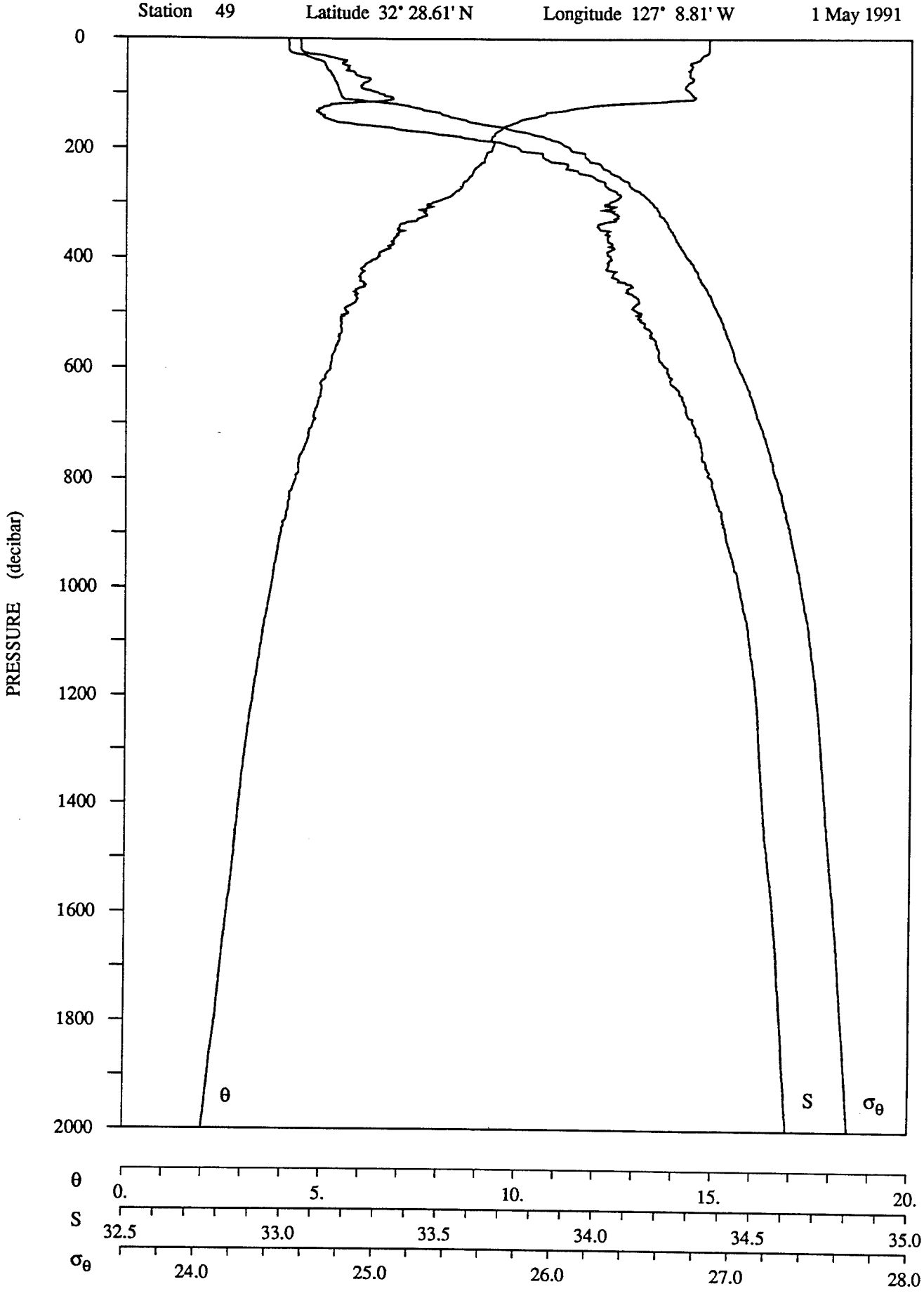
SALINITY (‰)


Station 49
Latitude 32° 28.61' N
Longitude 127° 8.81' W
1 May 1991
PRESSURE (decibar)
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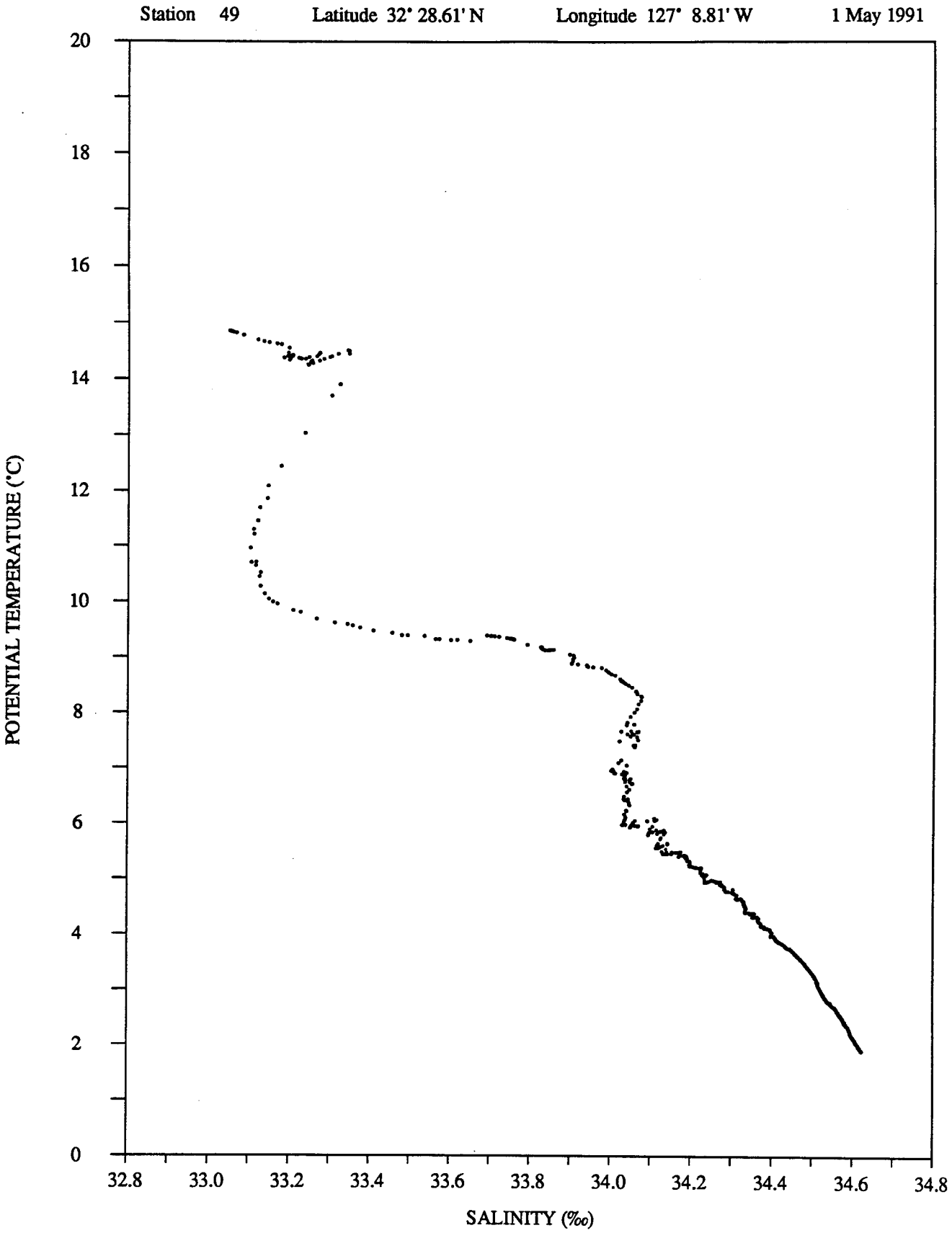
Station 49
Latitude 32° 28.61' N
Longitude 127° 8.81' W
1 May 1991
POTENTIAL TEMPERATURE (°C)
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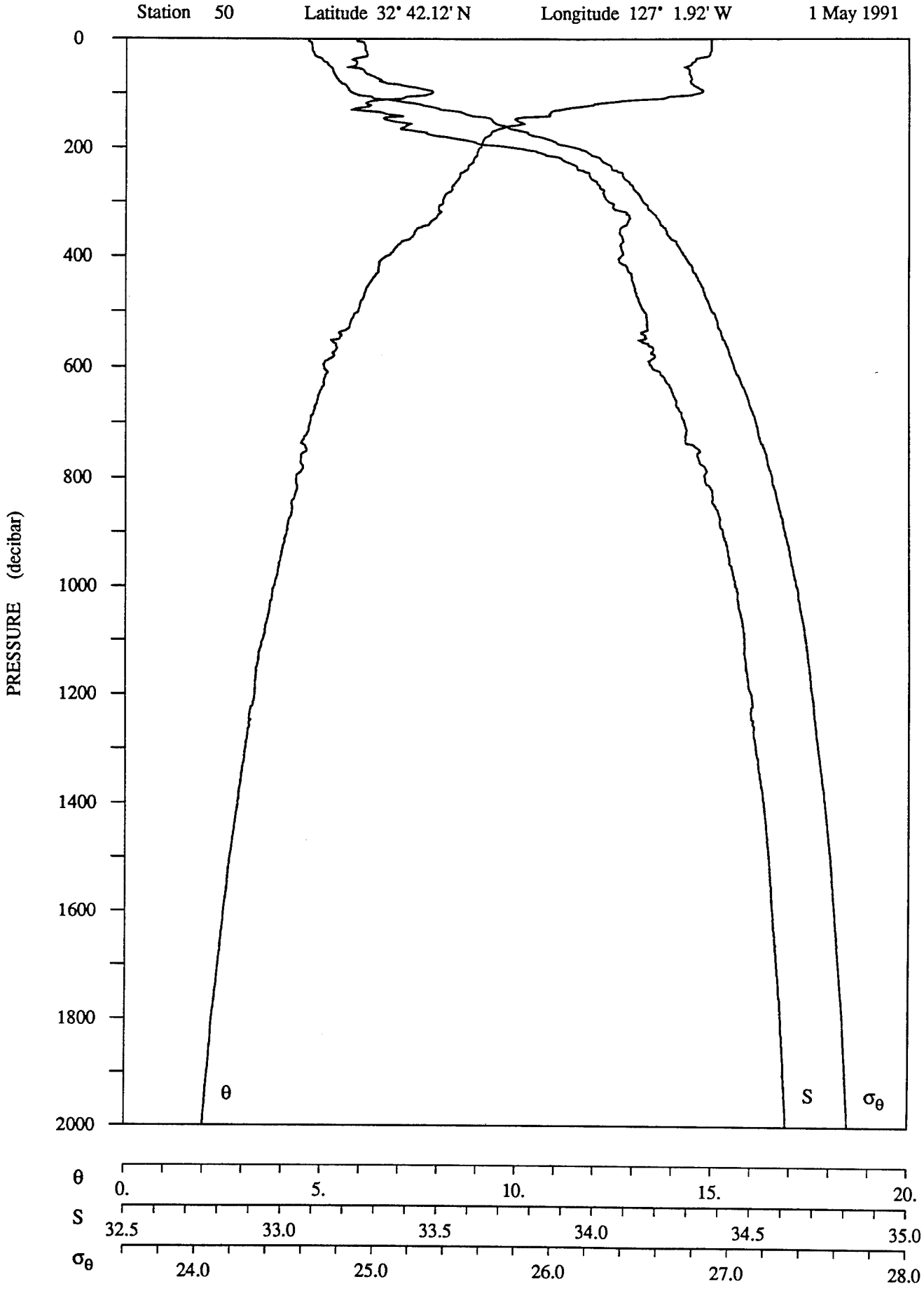
SALINITY (‰)


Station 50
Latitude 32° 42.12' N
Longitude 127° 1.92' W
1 May 1991
PRESSURE (decibar)
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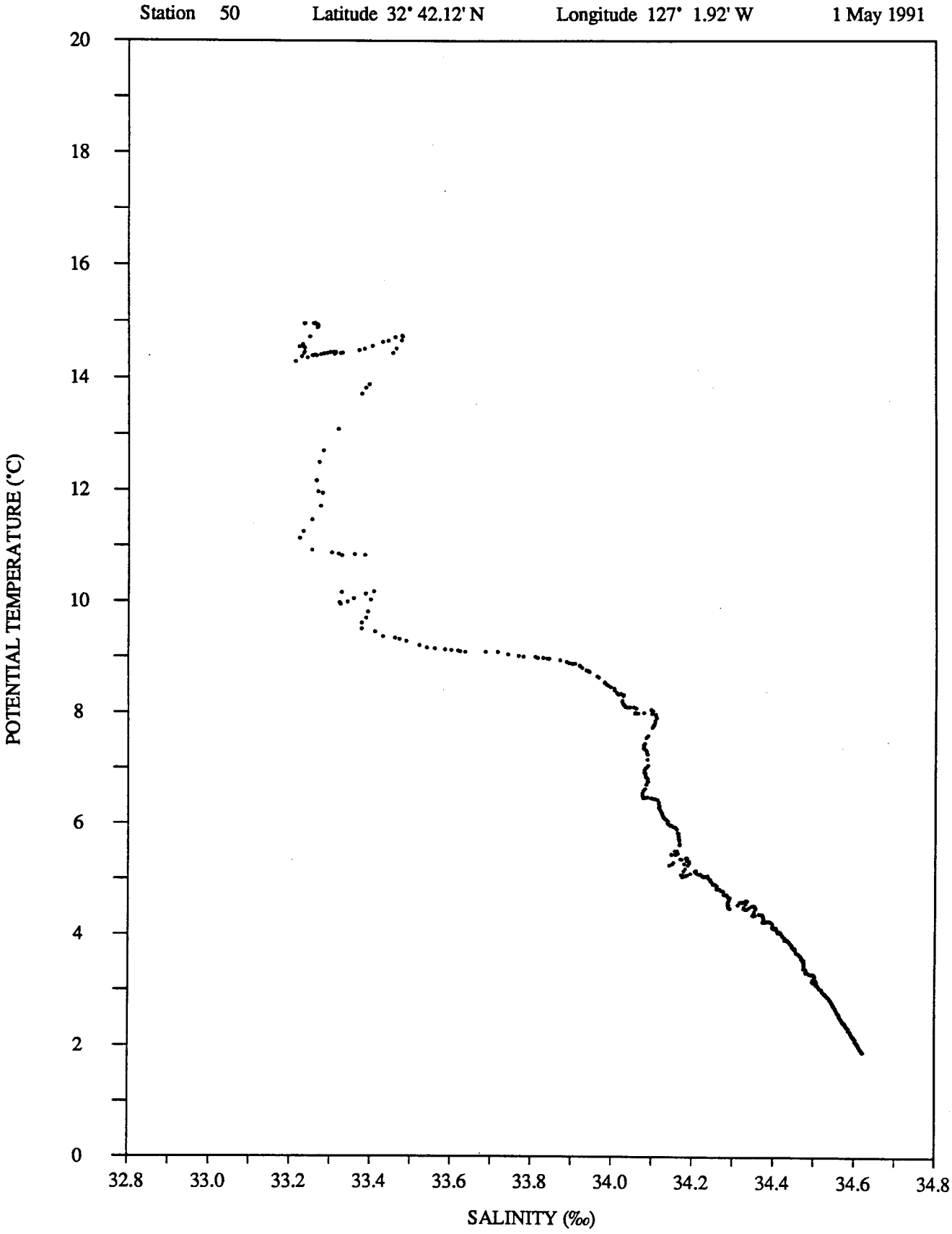
Station 50
Latitude 32° 42.12' N
Longitude 127° 1.92' W
1 May 1991
POTENTIAL TEMPERATURE (°C)
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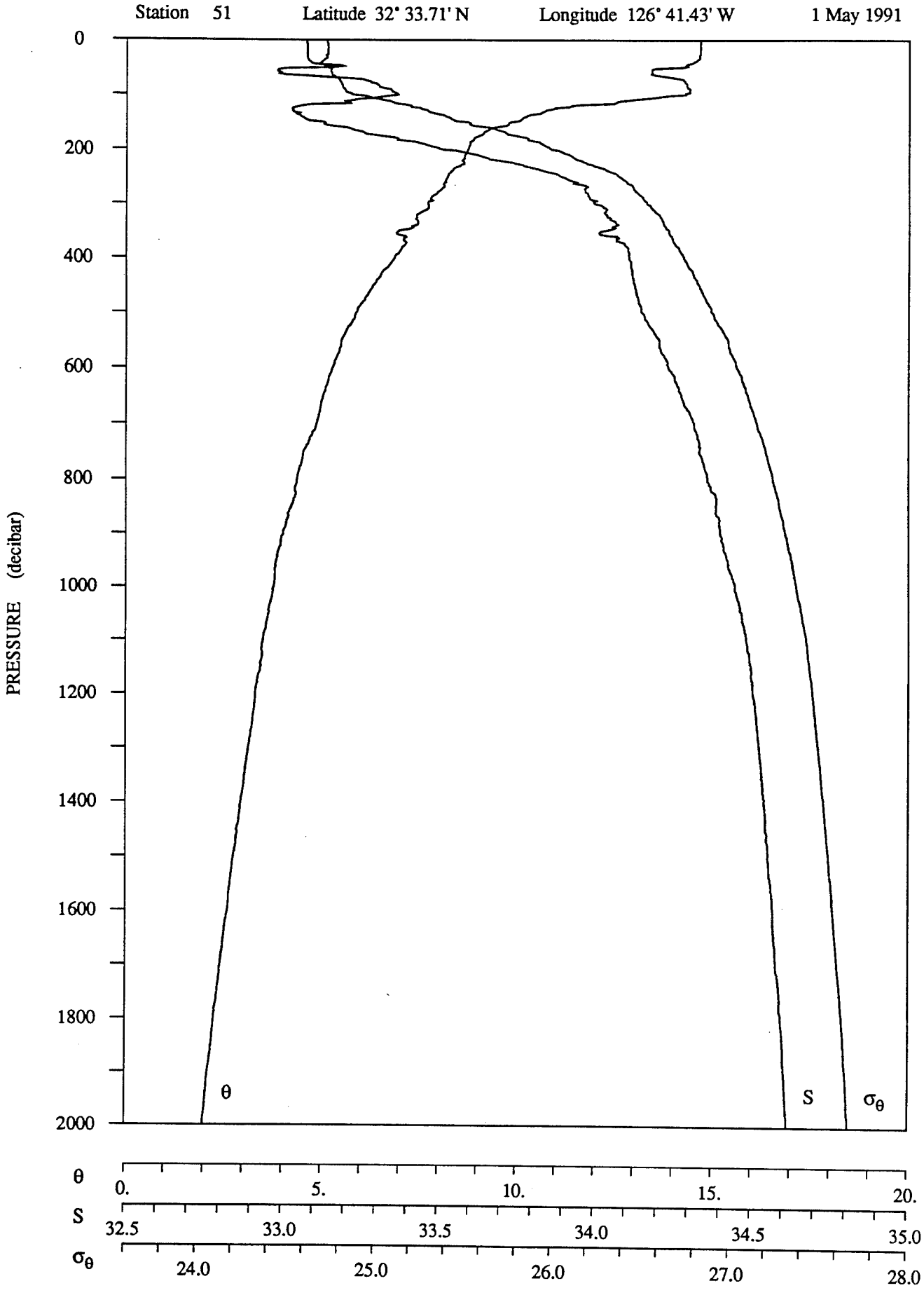
SALINITY (‰)


Station 51
Latitude 32° 33.71' N
Longitude 126° 41.43' W
1 May 1991
PRESSURE (decibar)
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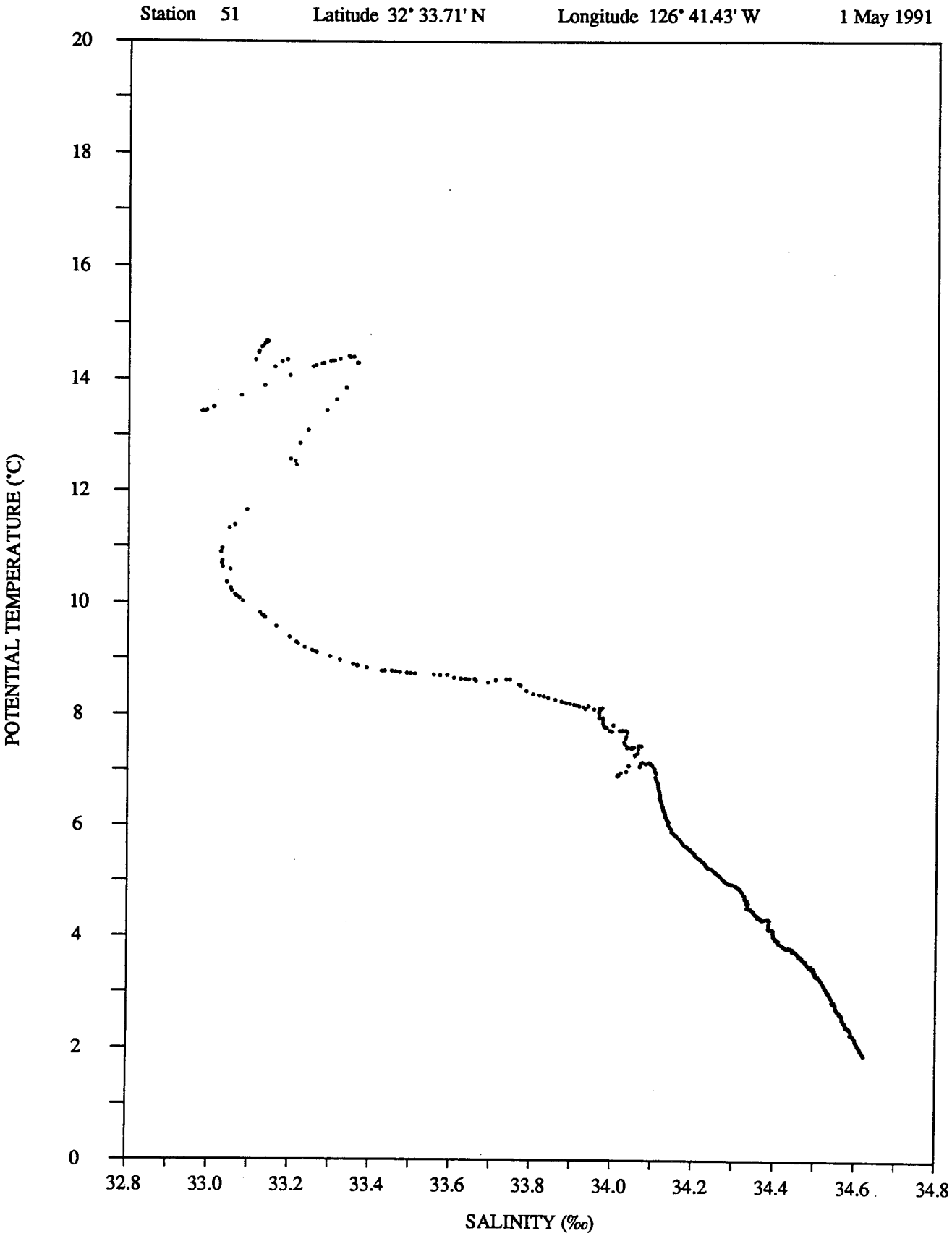
Station 51
Latitude 32° 33.71' N
Longitude 126° 41.43' W
1 May 1991
POTENTIAL TEMPERATURE (°C)
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8
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33.2
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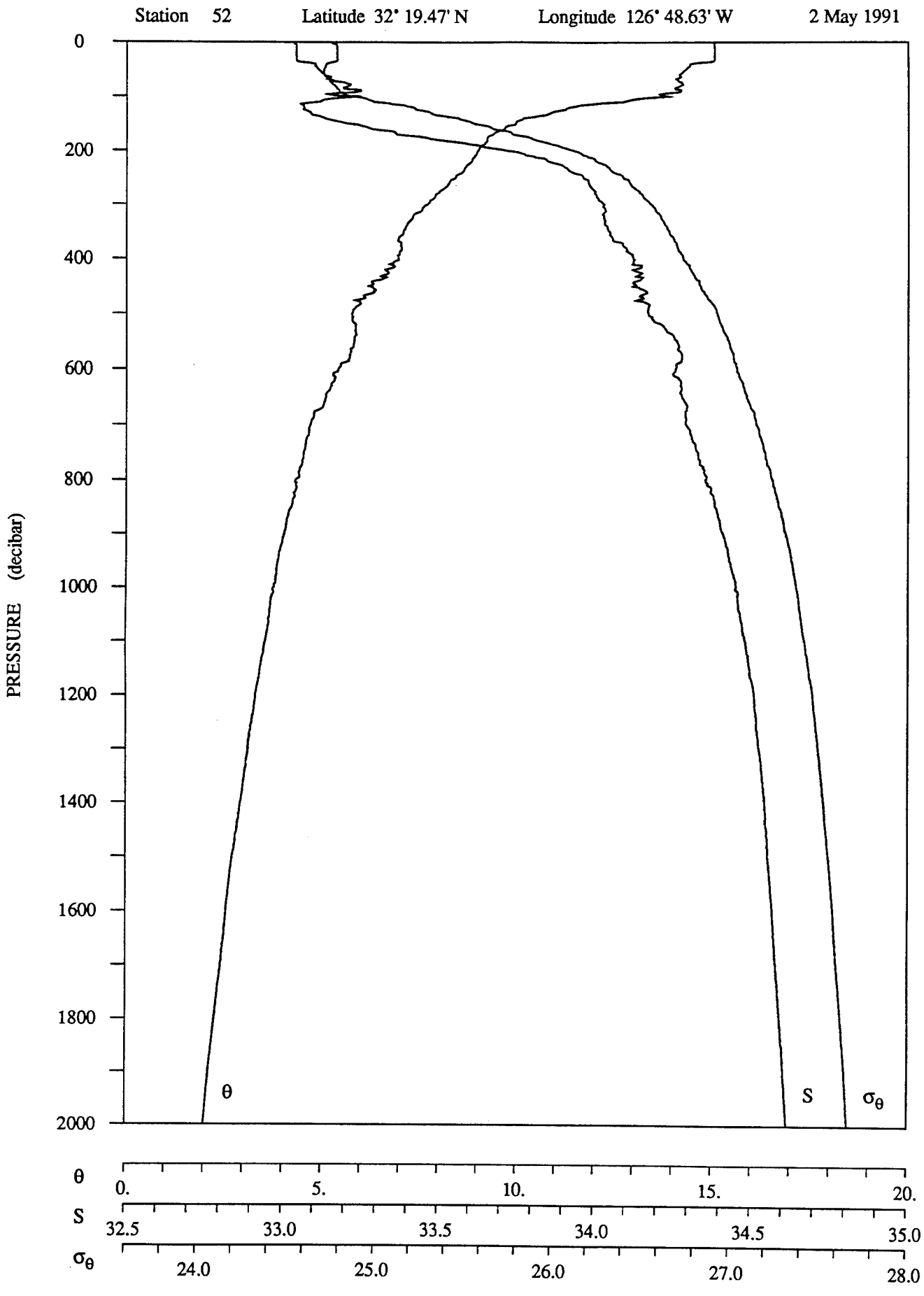
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 52
Latitude 32° 19.47' N
Longitude 126° 48.63' W
2 May 1991
PRESSURE (decibar)
0
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35.0
σθ
24.0
25.0
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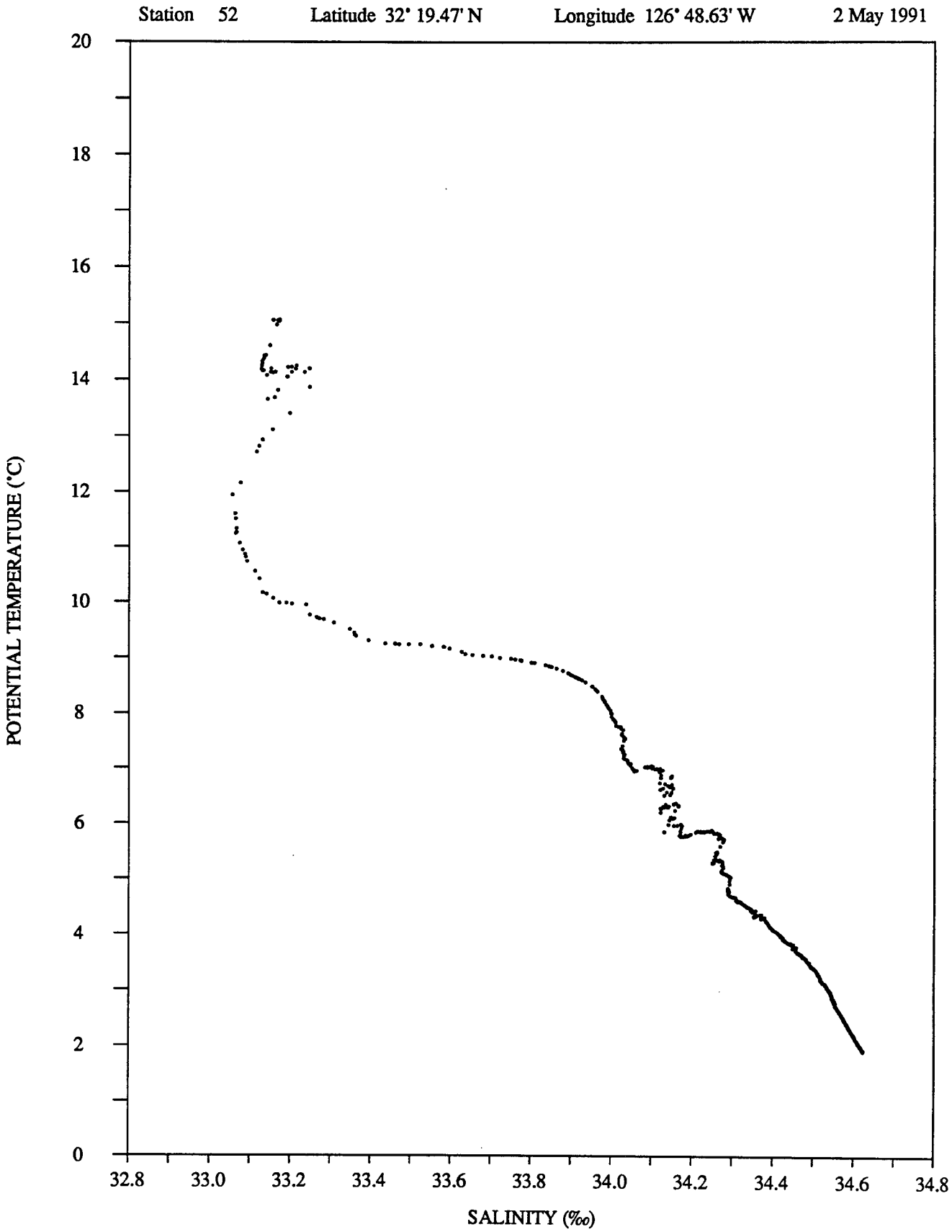
27.0
28.0


Station 52
Latitude 32° 19.47' N
Longitude 126° 48.63' W
2 May 1991
POTENTIAL TEMPERATURE (°C)
20
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12
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8
6
4
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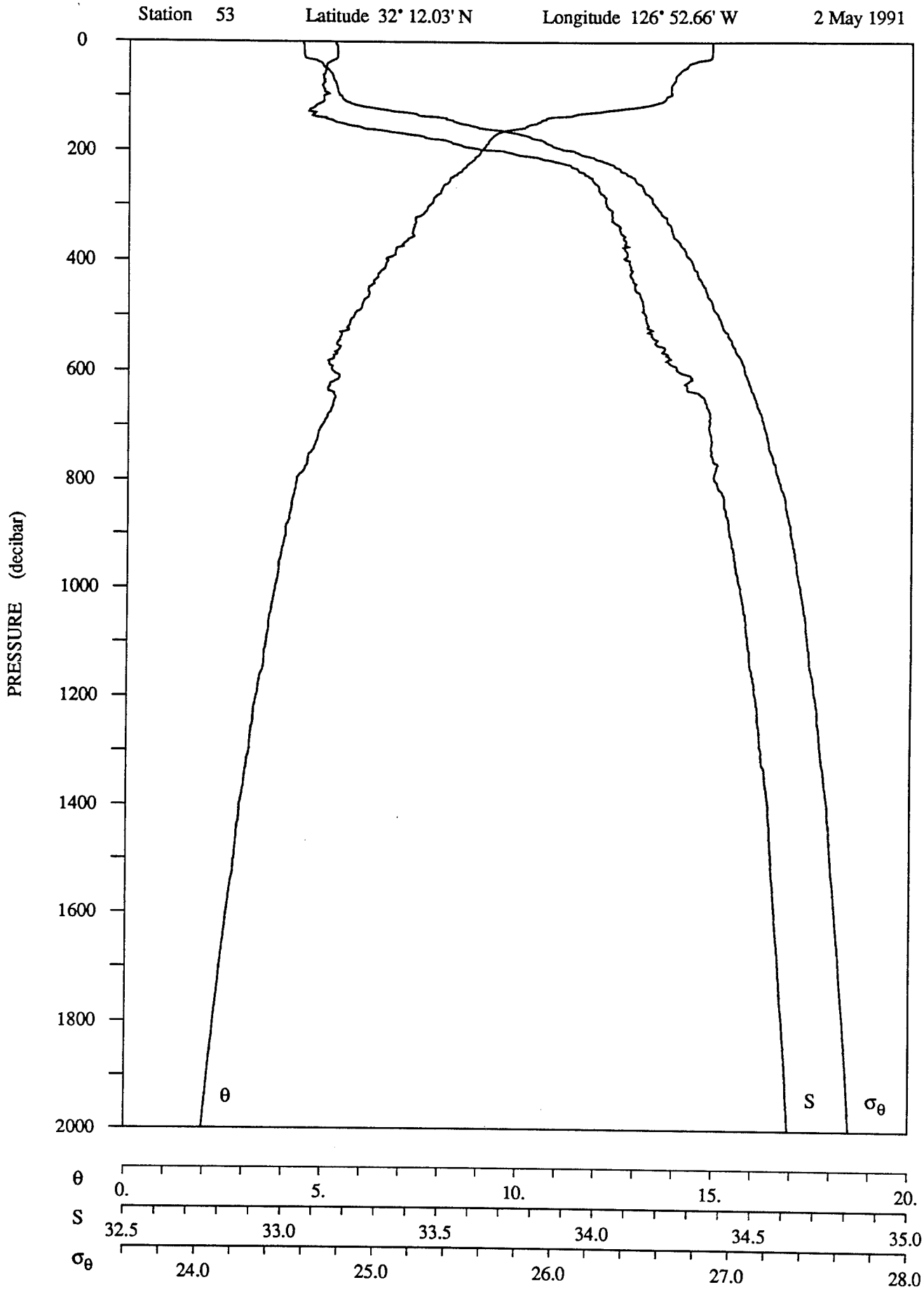
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 53
Latitude 32° 12.03' N
Longitude 126° 52.66' W
2 May 1991
PRESSURE (decibar)
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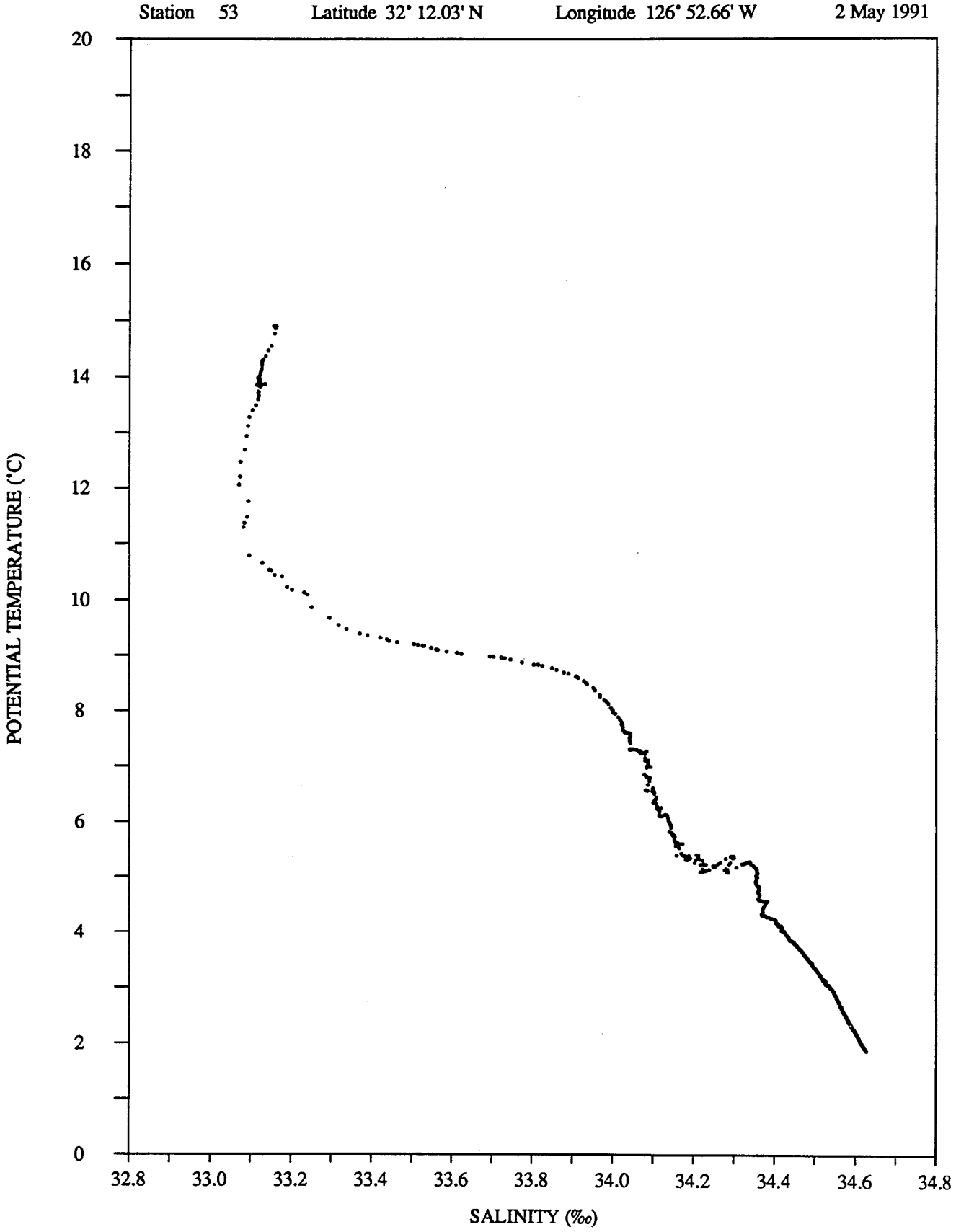
Station 53
Latitude 32° 12.03' N
Longitude 126° 52.66' W
2 May 1991
POTENTIAL TEMPERATURE (°C)
20
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32.8
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33.2
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33.6
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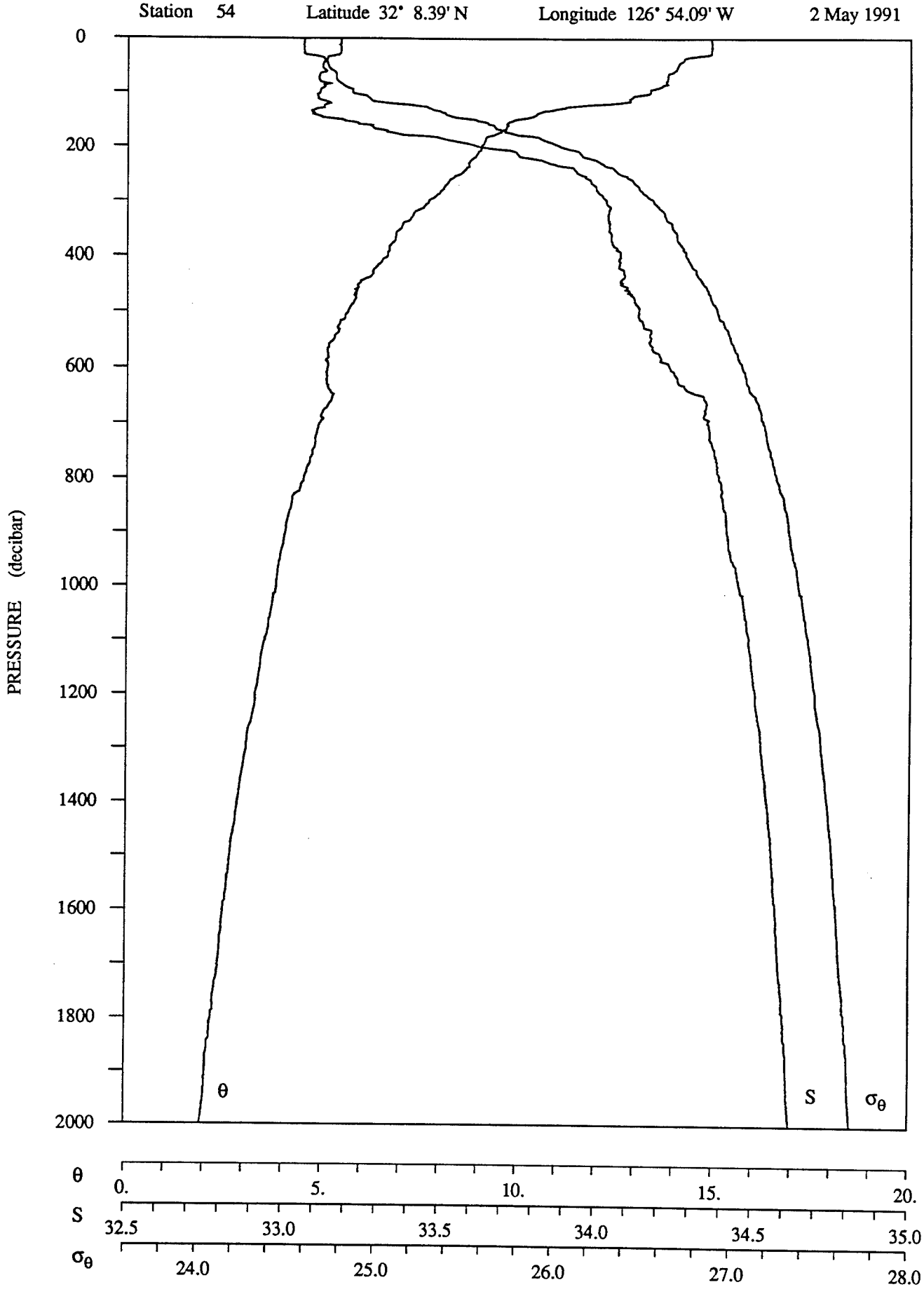
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 54
Latitude 32° 8.39' N
Longitude 126° 54.09' W
2 May 1991
PRESSURE (decibar)
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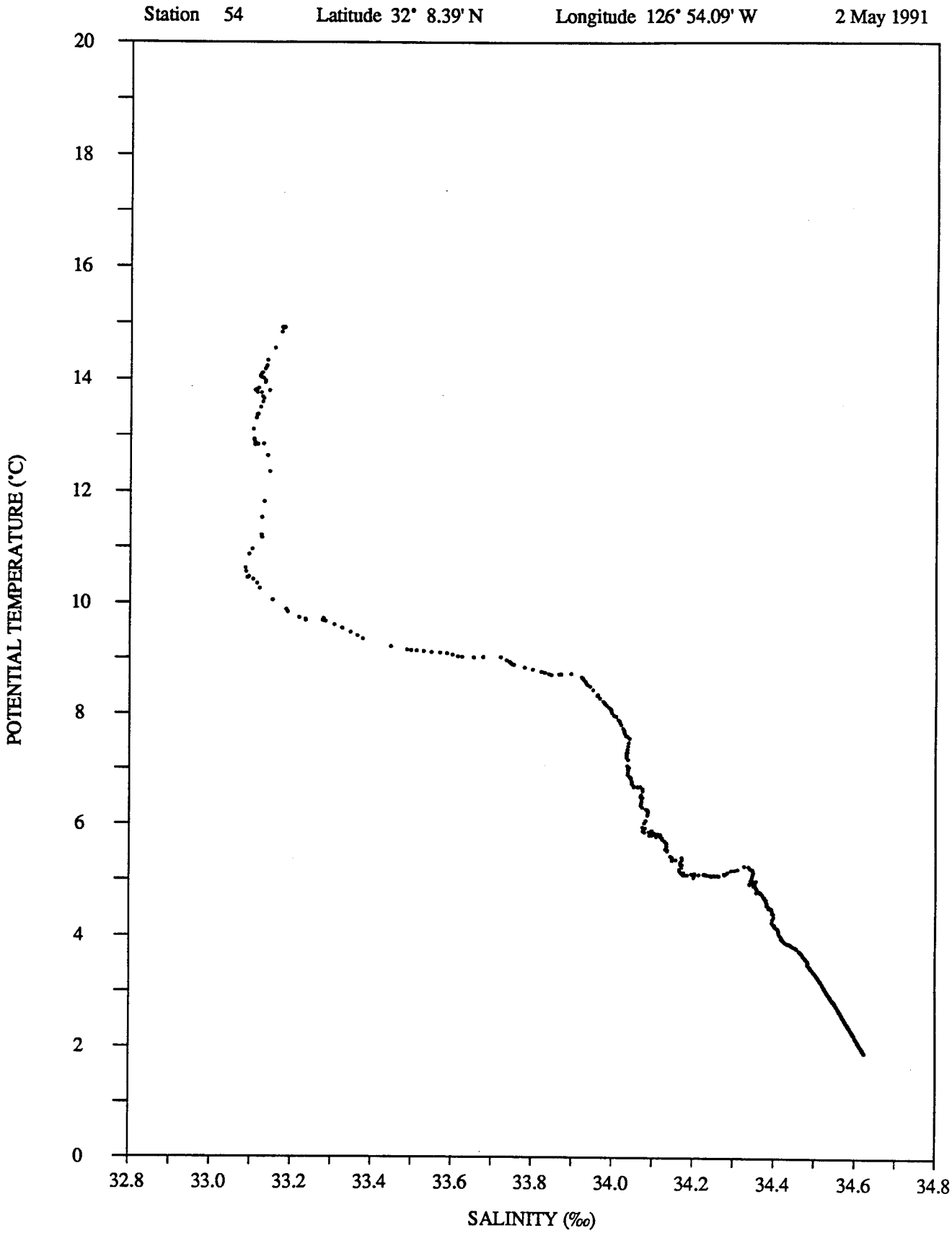
Station 54
Latitude 32° 8.39' N
Longitude 126° 54.09' W
2 May 1991
POTENTIAL TEMPERATURE (°C)
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32.8
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33.2
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34.0
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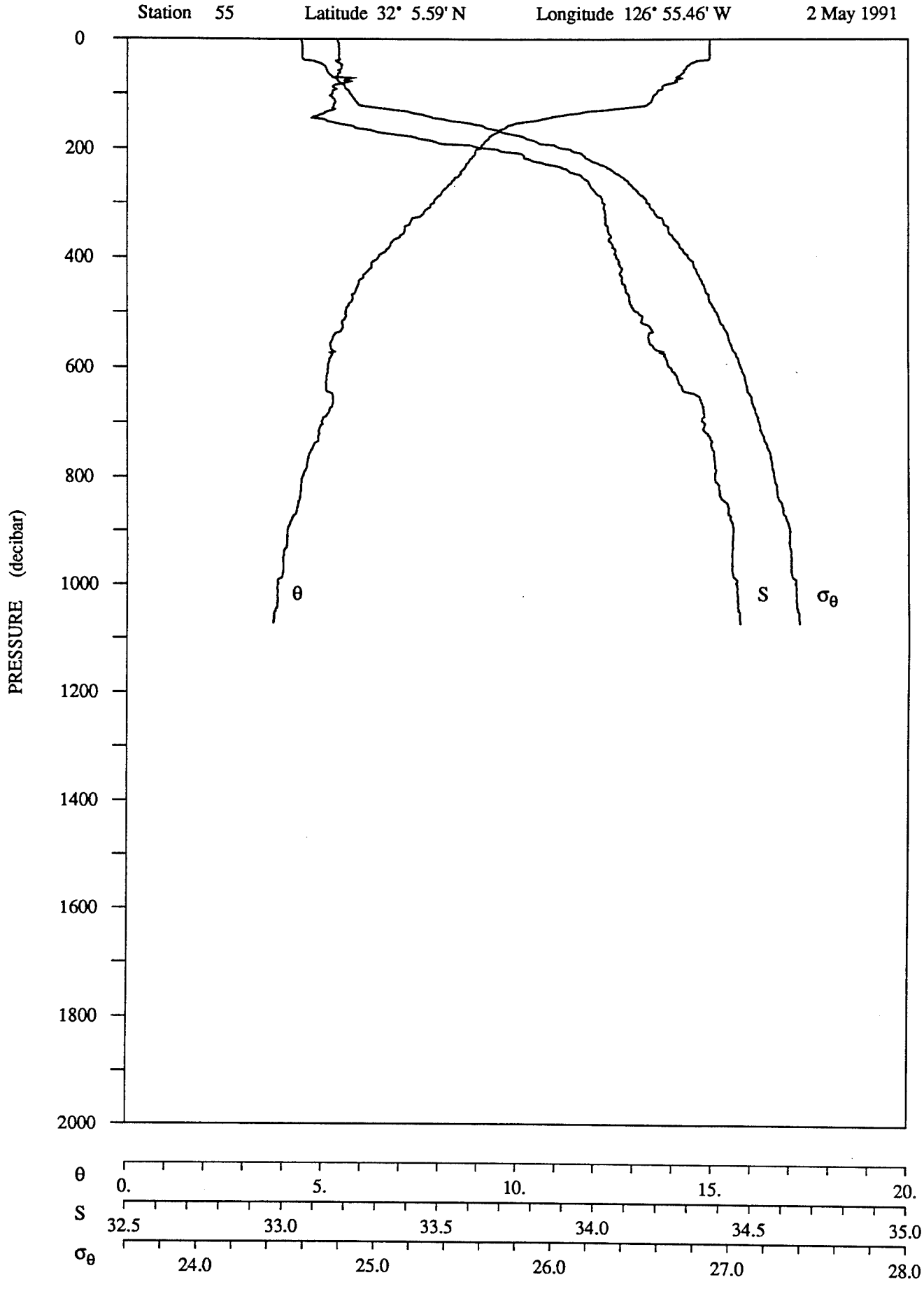
34.6
34.8
SALINITY (‰)


Station 55
Latitude 32° 5.59' N
Longitude 126° 55.46' W
2 May 1991
PRESSURE (decibar)
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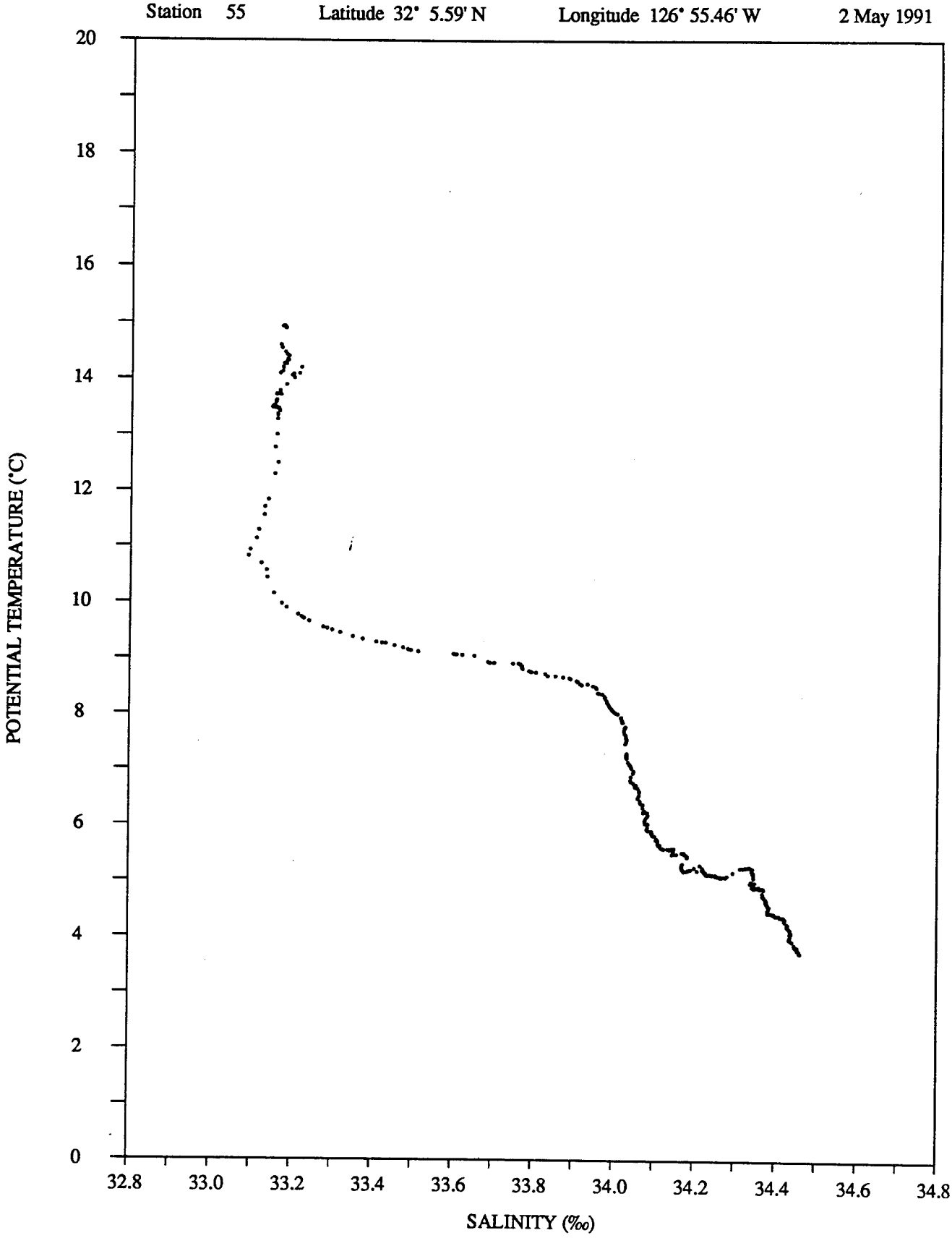
Station 55
Latitude 32° 5.59' N
Longitude 126° 55.46' W
2 May 1991
POTENTIAL TEMPERATURE (°C)
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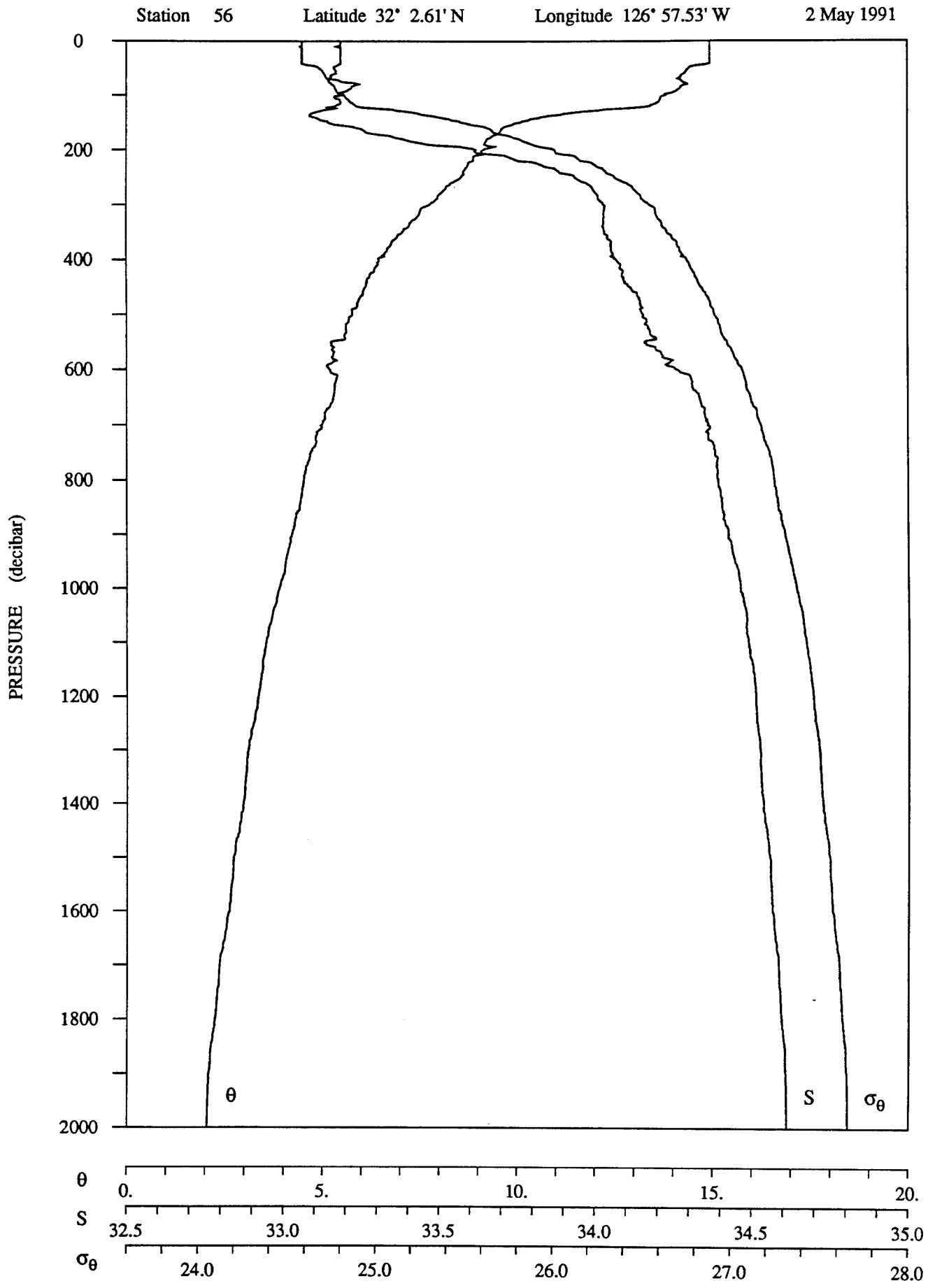
34.8
SALINITY (‰)


Station 56
Latitude 32° 2.61' N
Longitude 126° 57.53' W
2 May 1991
PRESSURE (decibar)
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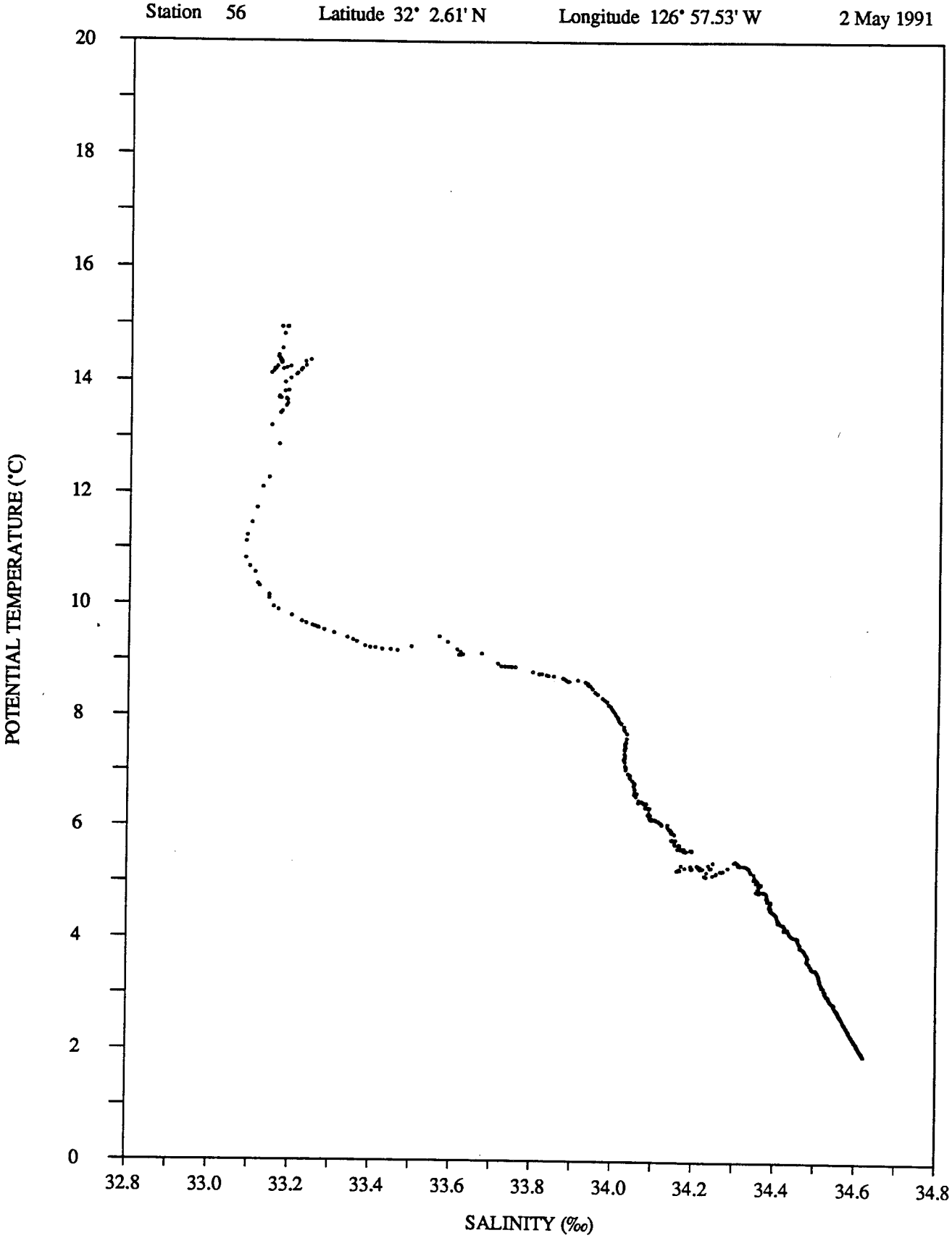
Station 56
Latitude 32° 2.61' N
Longitude 126° 57.53' W
2 May 1991
POTENTIAL TEMPERATURE (°C)
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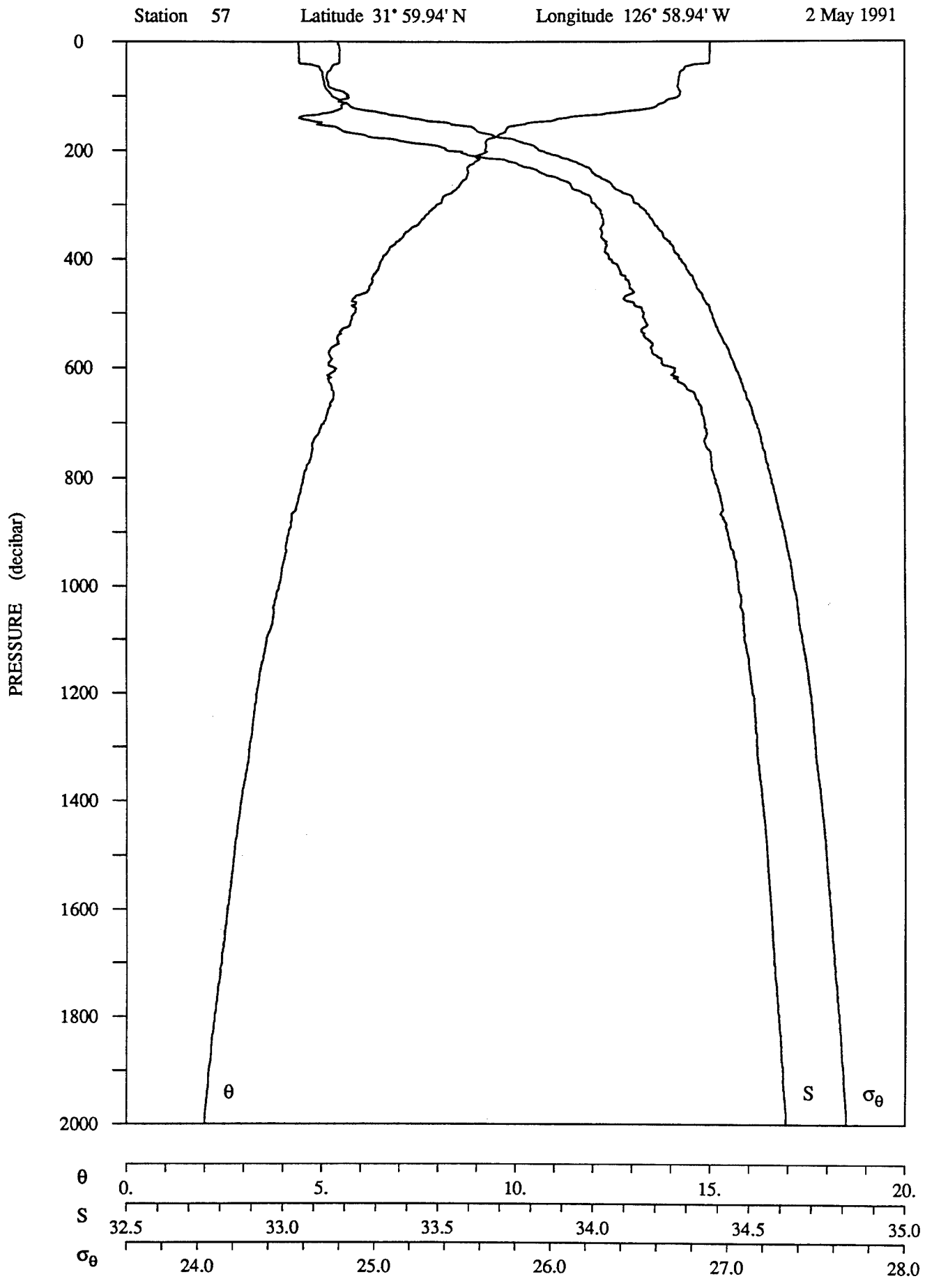
34.6
34.8
SALINITY (‰)


Station 57
Latitude 31° 59.94' N
Longitude 126° 58.94' W
2 May 1991
PRESSURE (decibar)
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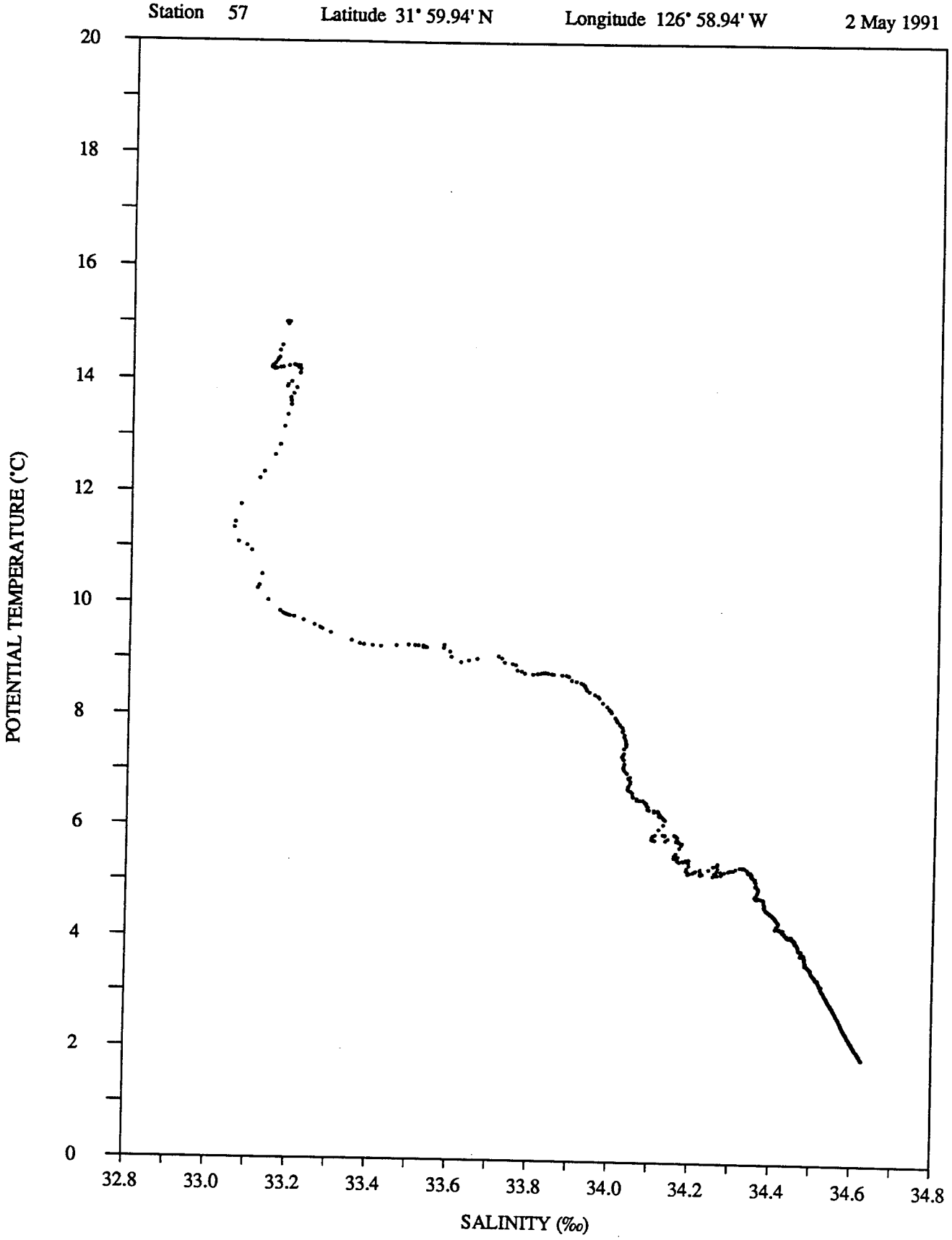
Station 57
Latitude 31° 59.94' N
Longitude 126° 58.94' W
2 May 1991
POTENTIAL TEMPERATURE (°C)
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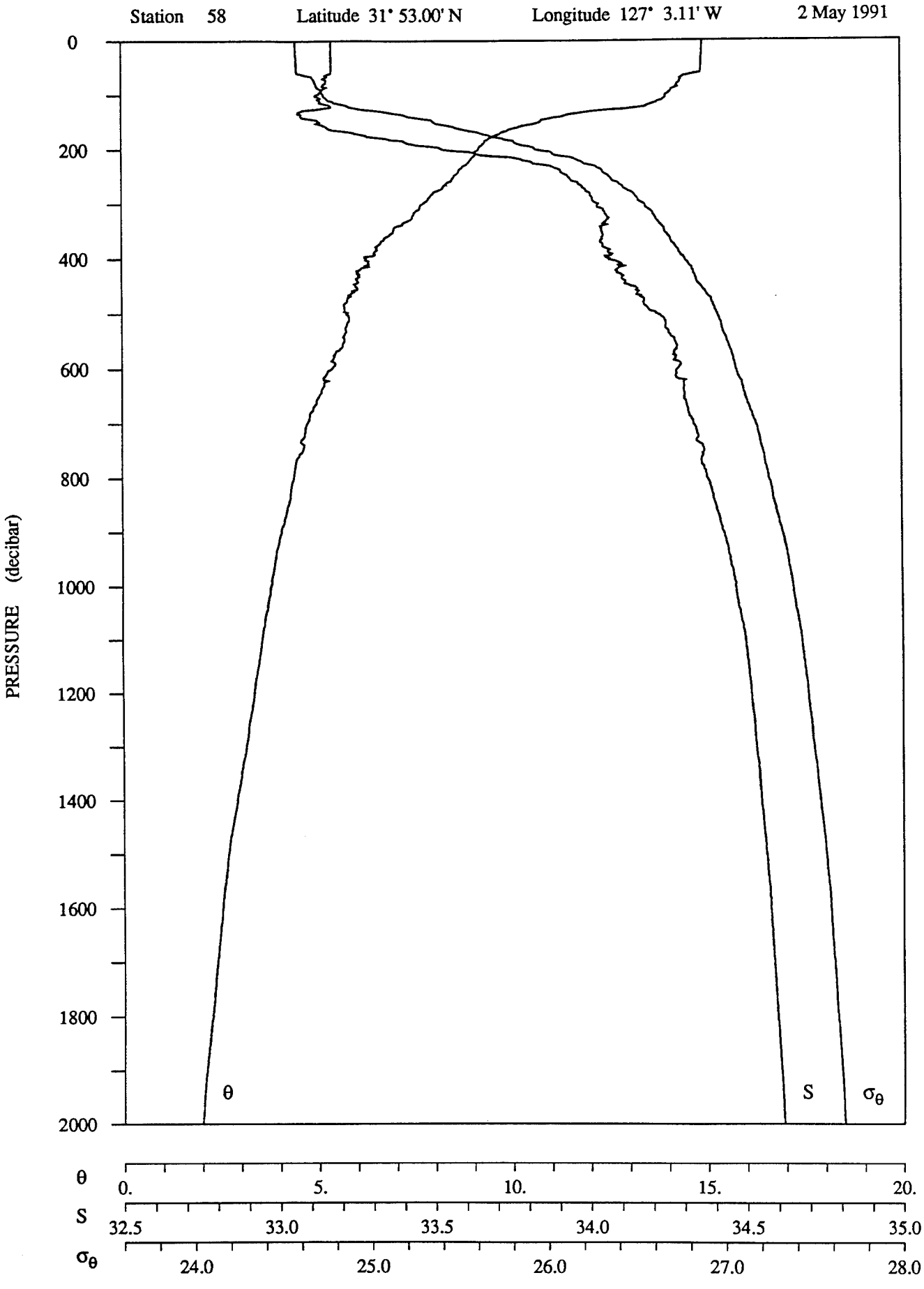
34.6
34.8
SALINITY (‰)


Station 58
Latitude 31° 53.00' N
Longitude 127° 3.11' W
2 May 1991
PRESSURE (decibar)
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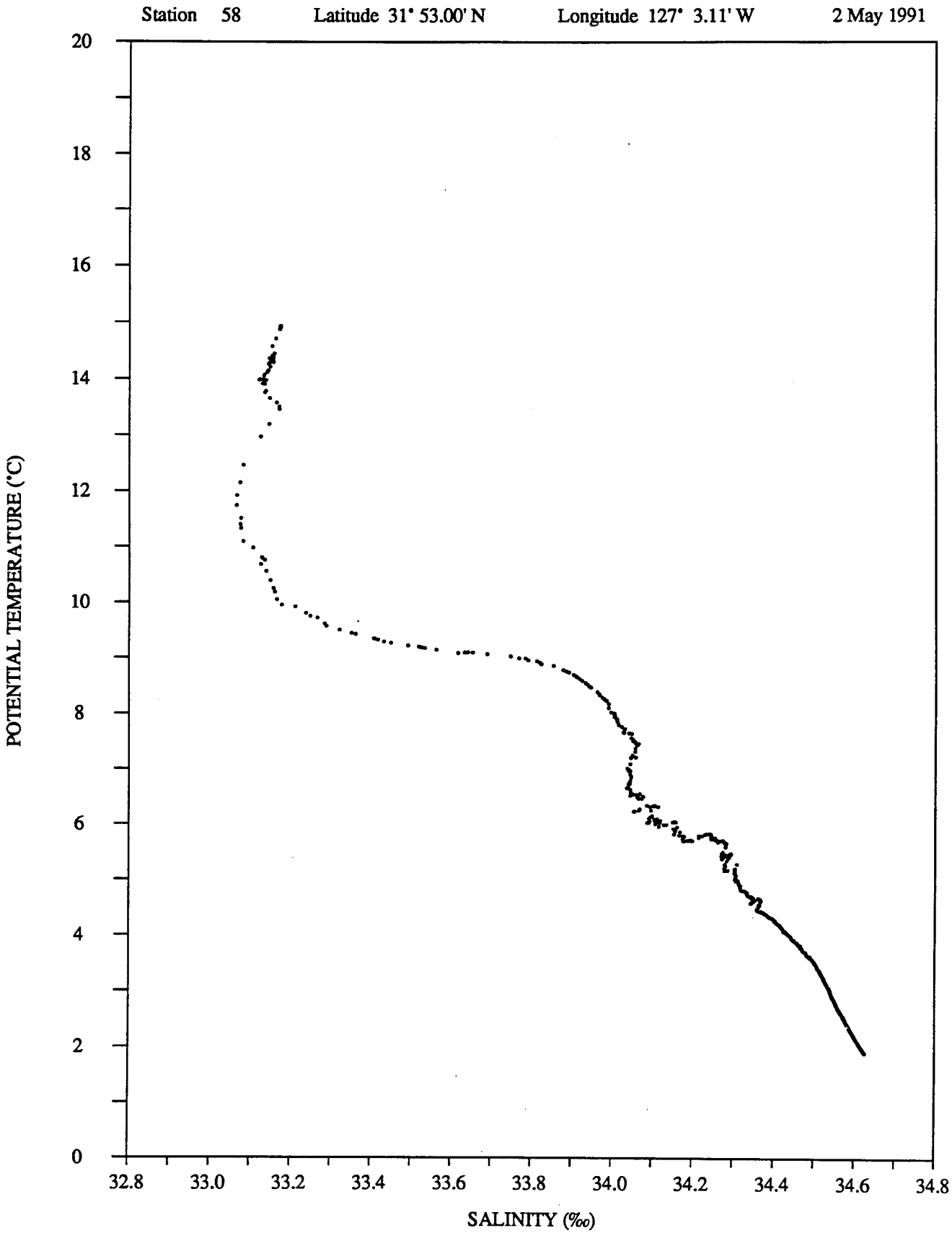
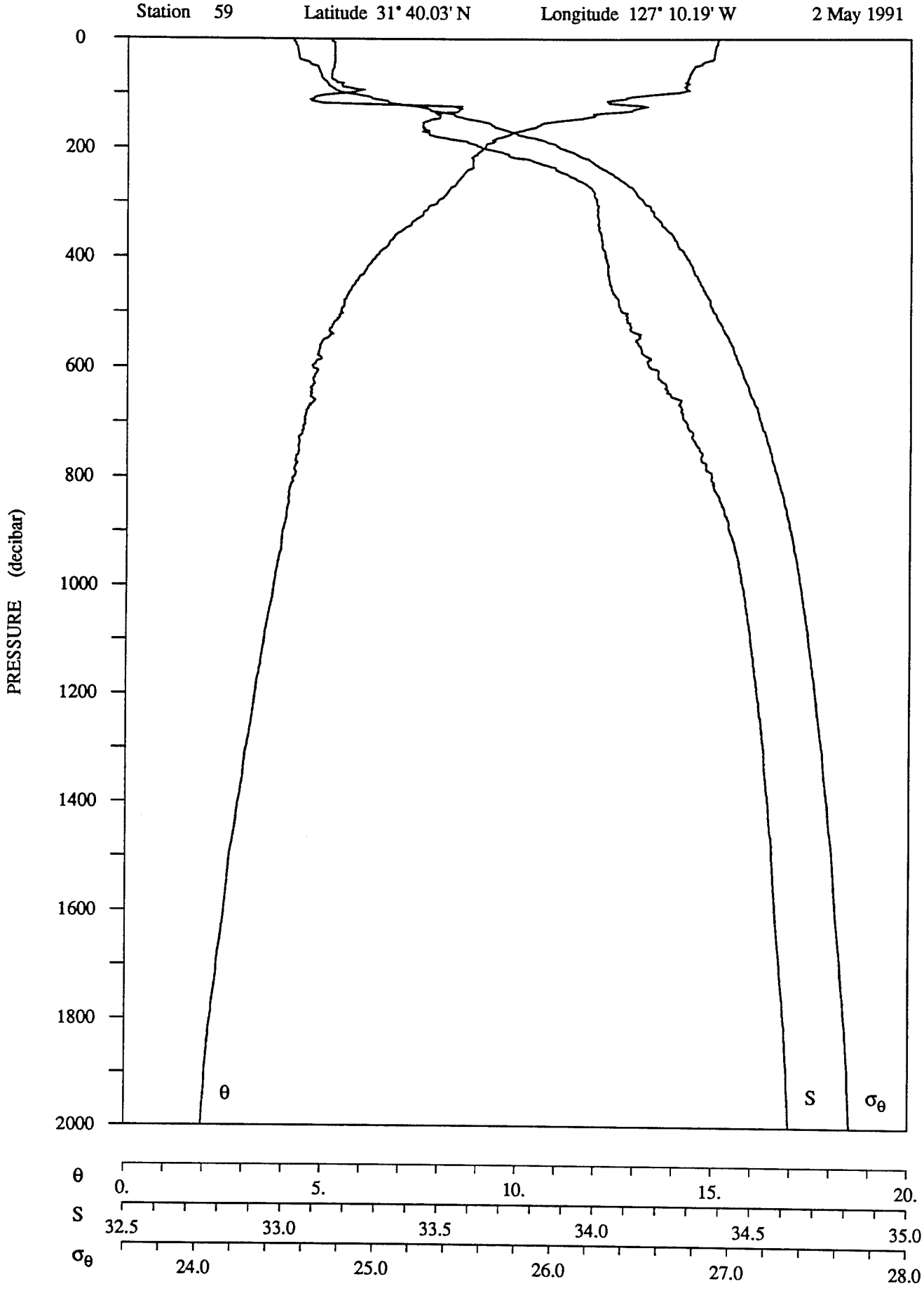
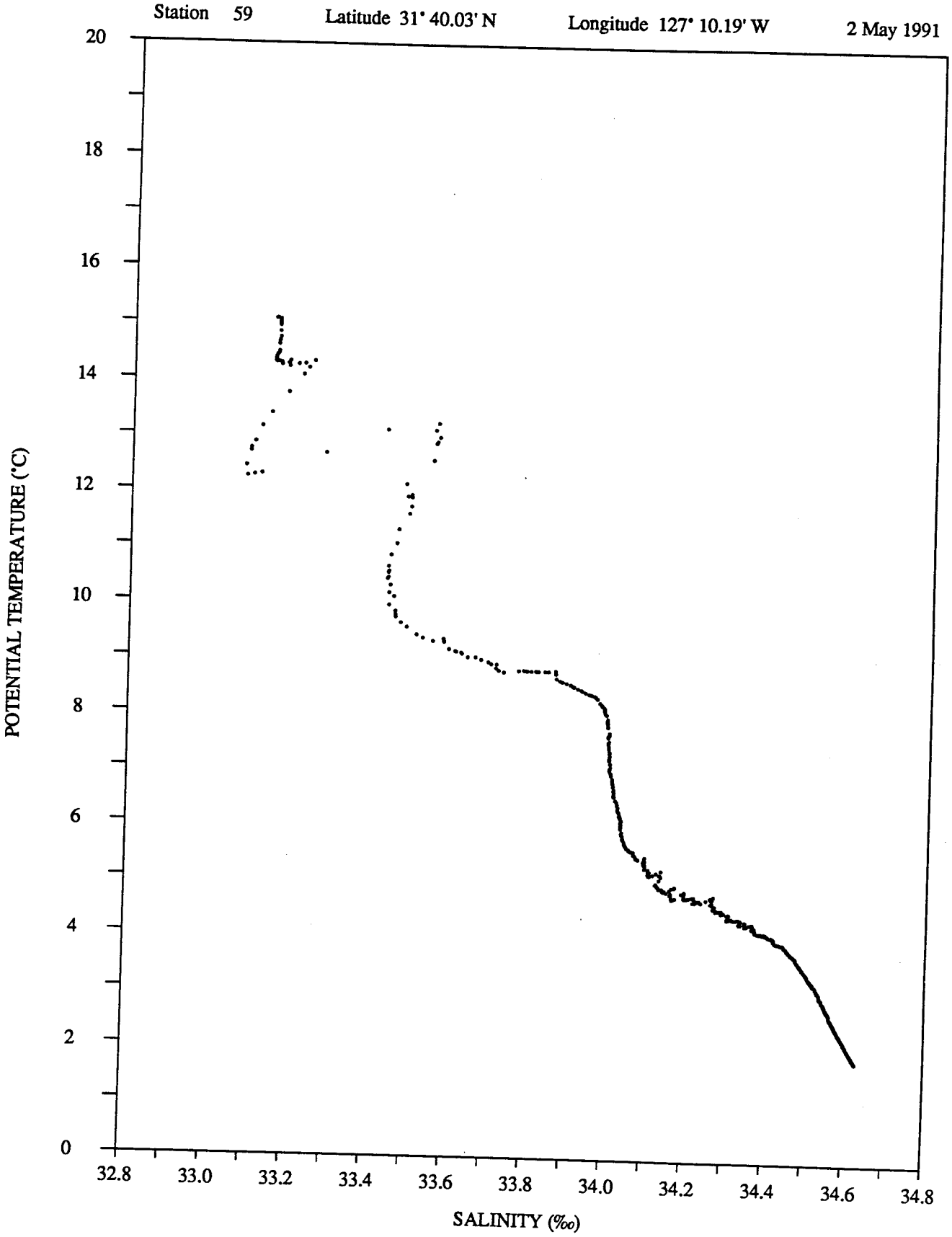
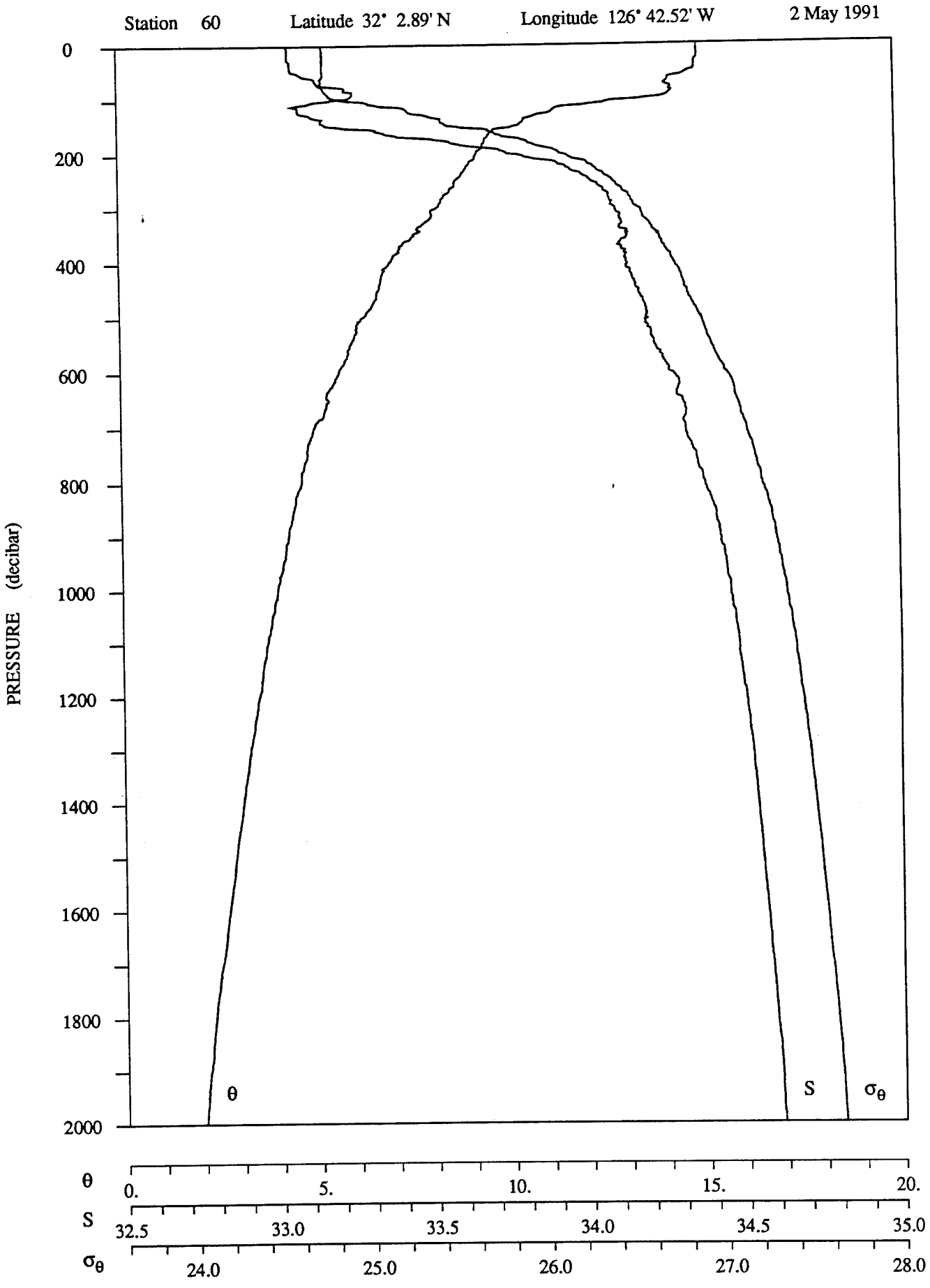
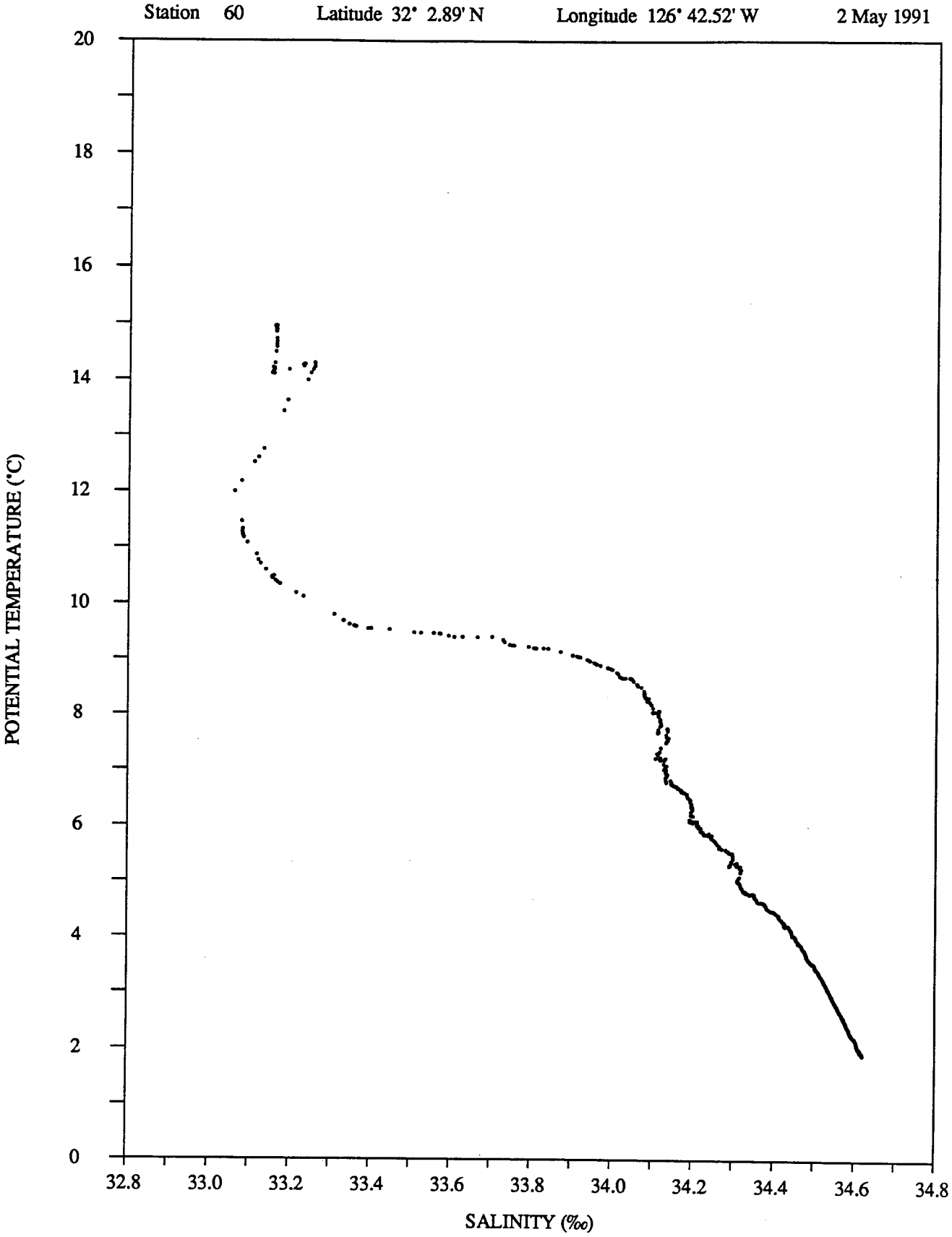
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0

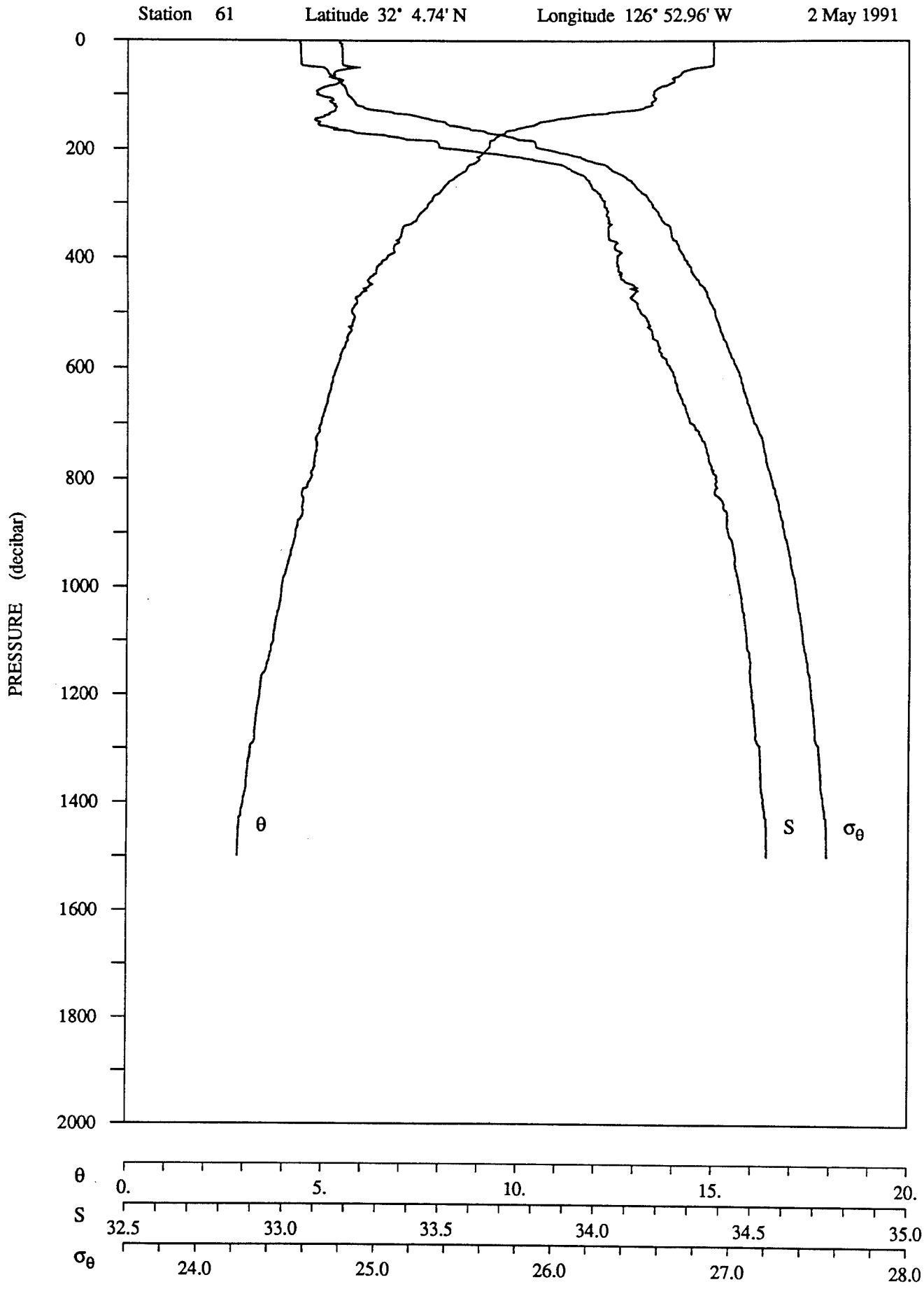

Station 58
Latitude 31° 53.00' N
Longitude 127° 3.11' W
2 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 59
Latitude 31° 40.03' N
Longitude 127° 10.19' W
2 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 59
Latitude 31° 40.03' N
Longitude 127° 10.19' W
2 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 60
Latitude 32° 2.89' N
Longitude 126° 42.52' W
2 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ 0. 5. 10. 15. 20.
S 32.5 33.0 33.5 34.0 34.5 35.0
σθ 24.0 25.0 26.0 27.0 28.0


Station 60
Latitude 32° 2.89' N
Longitude 126° 42.52' W
2 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 61
Latitude 32° 4.74' N
Longitude 126° 52.96' W
2 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
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5.
10.
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32.5
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33.5
34.0
34.5
35.0
σθ
24.0
25.0
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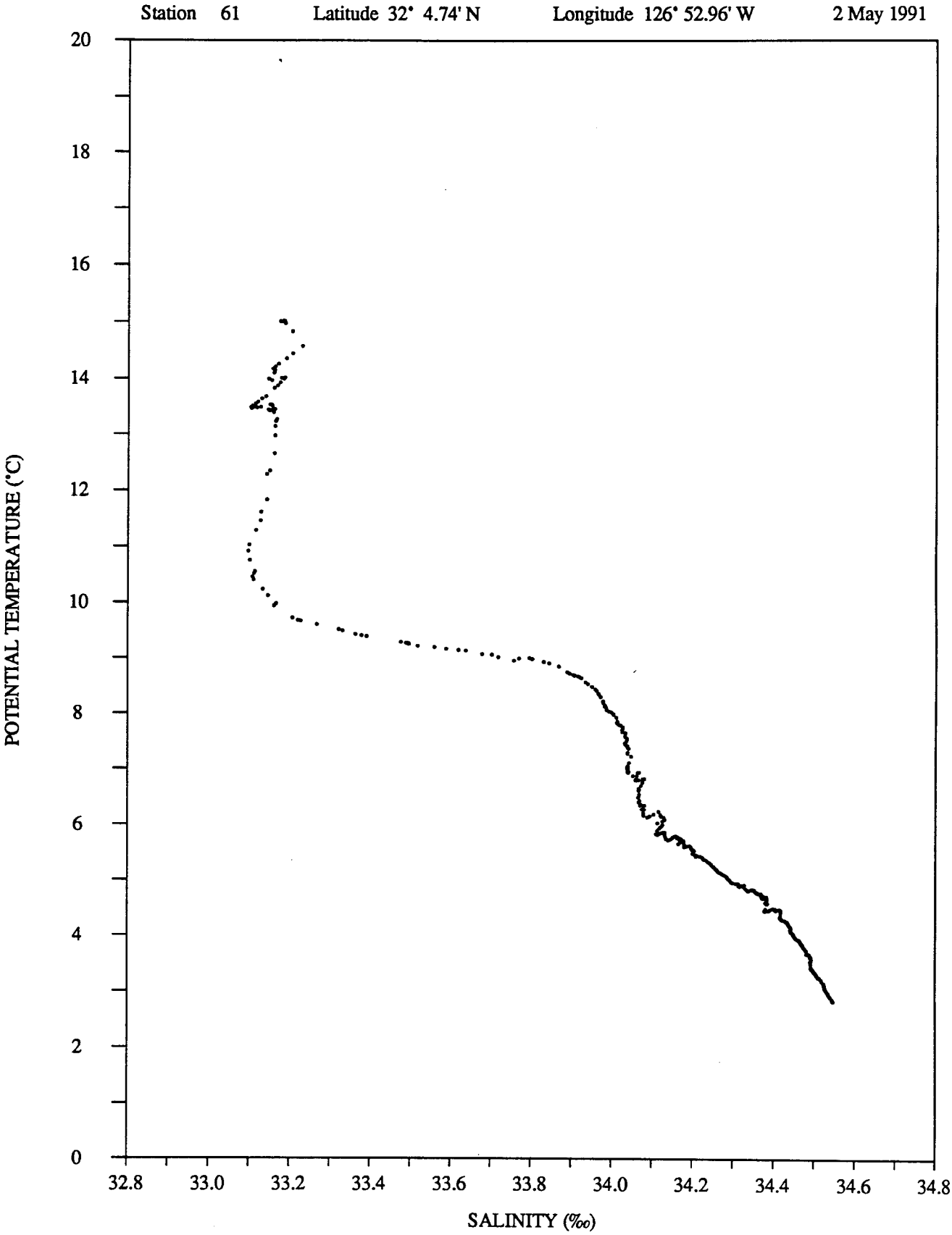
28.0


Station 61
Latitude 32° 4.74' N
Longitude 126° 52.96' W
2 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
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32.8
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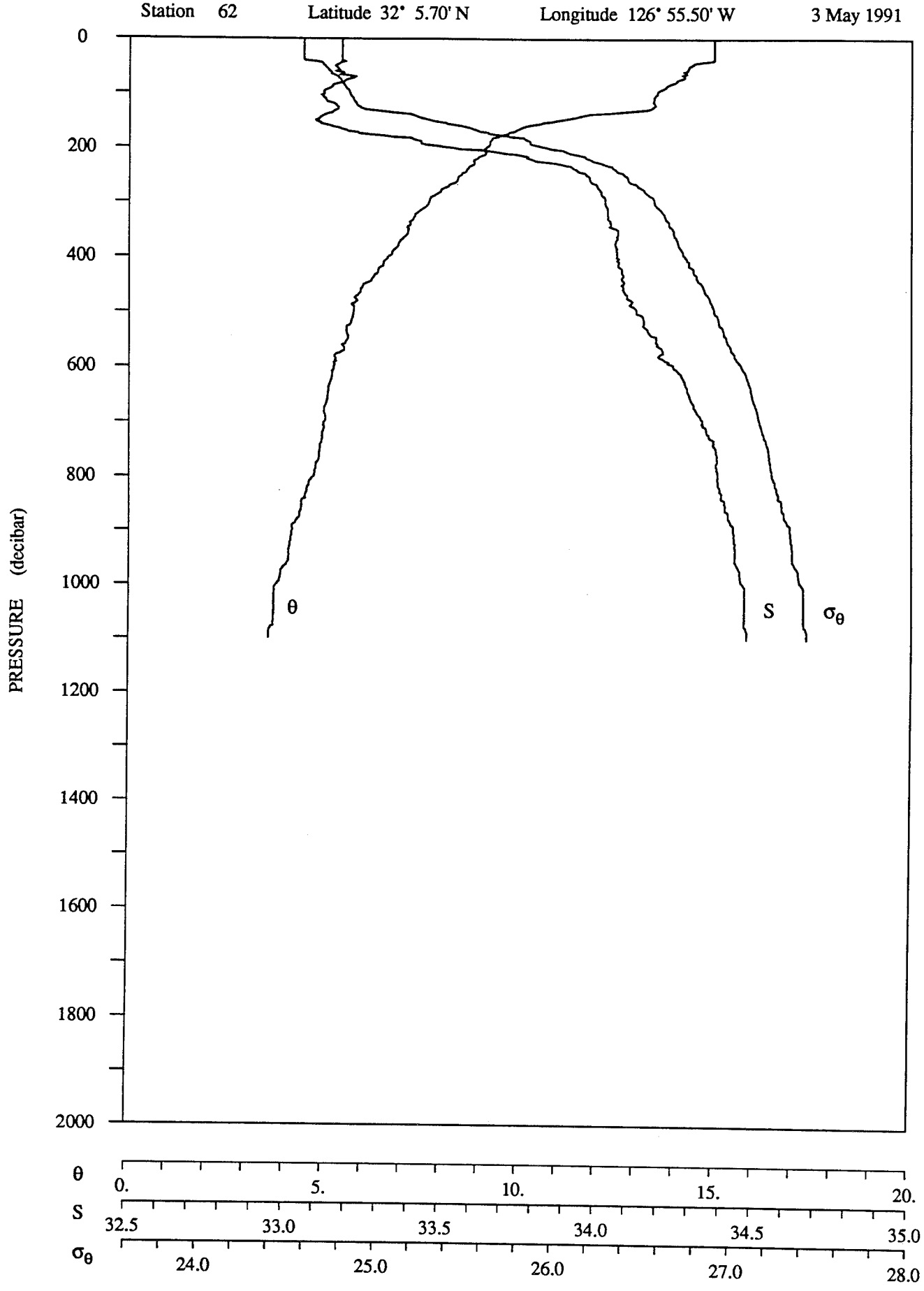
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 62
Latitude 32° 5.70' N
Longitude 126° 55.50' W
3 May 1991
PRESSURE (decibar)
0
200
400
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1000
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33.5
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34.5
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σθ
24.0
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26.0
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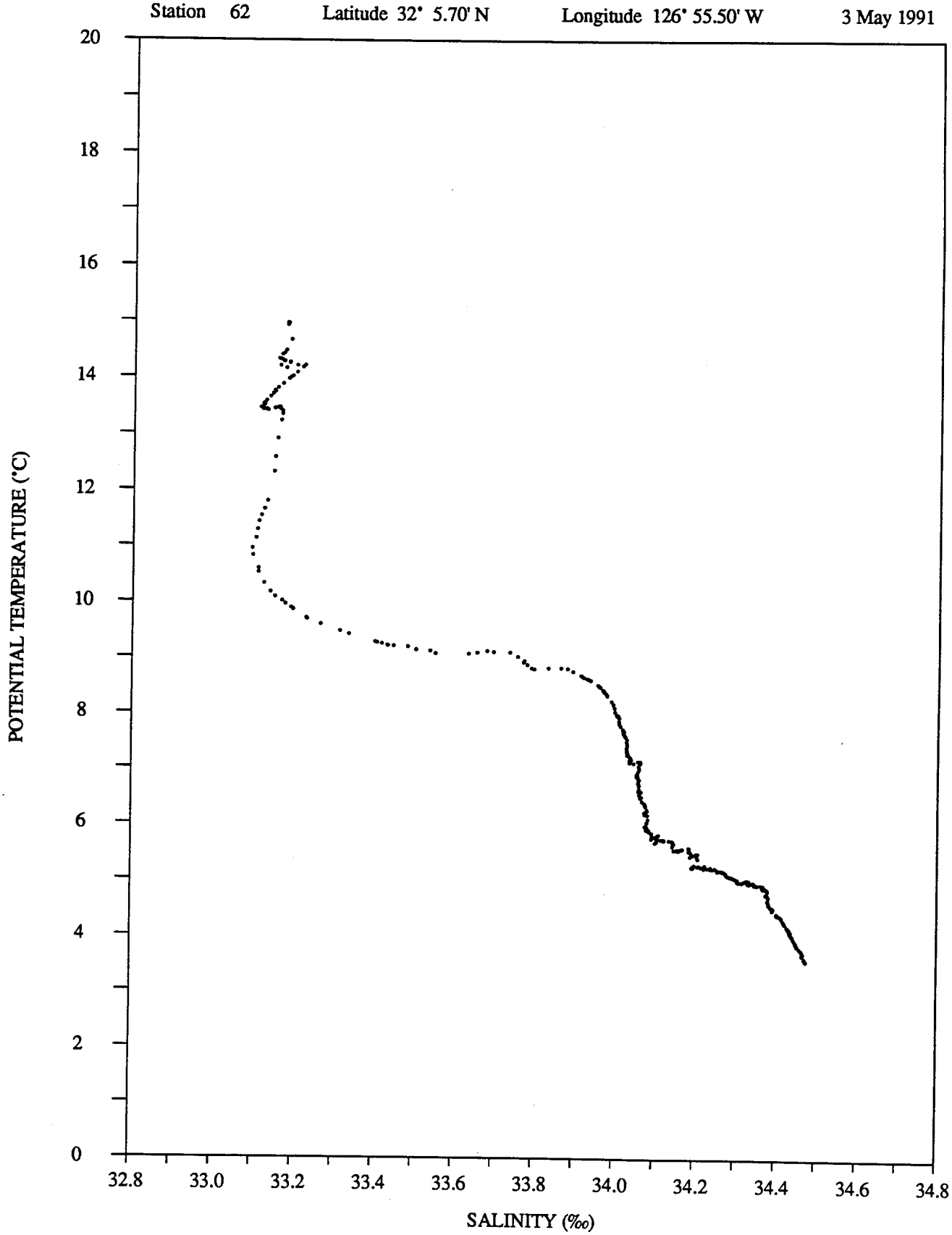
28.0


Station 62
Latitude 32° 5.70' N
Longitude 126° 55.50' W
3 May 1991
POTENTIAL TEMPERATURE (°C)
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16
14
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10
8
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32.8
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33.2
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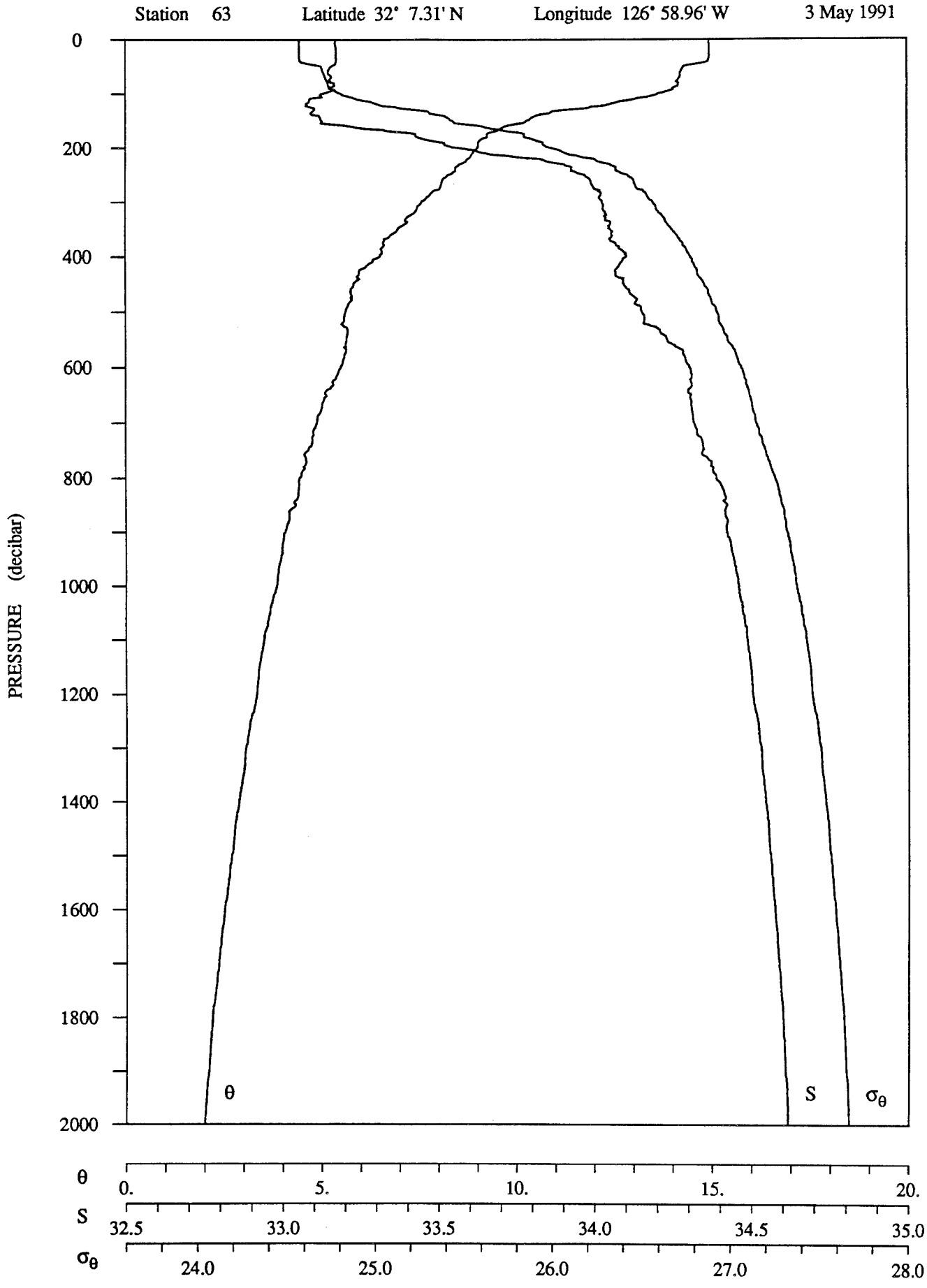
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 63
Latitude 32° 7.31' N
Longitude 126° 58.96' W
3 May 1991
PRESSURE (decibar)
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200
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32.5
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33.5
34.0
34.5
35.0
σθ
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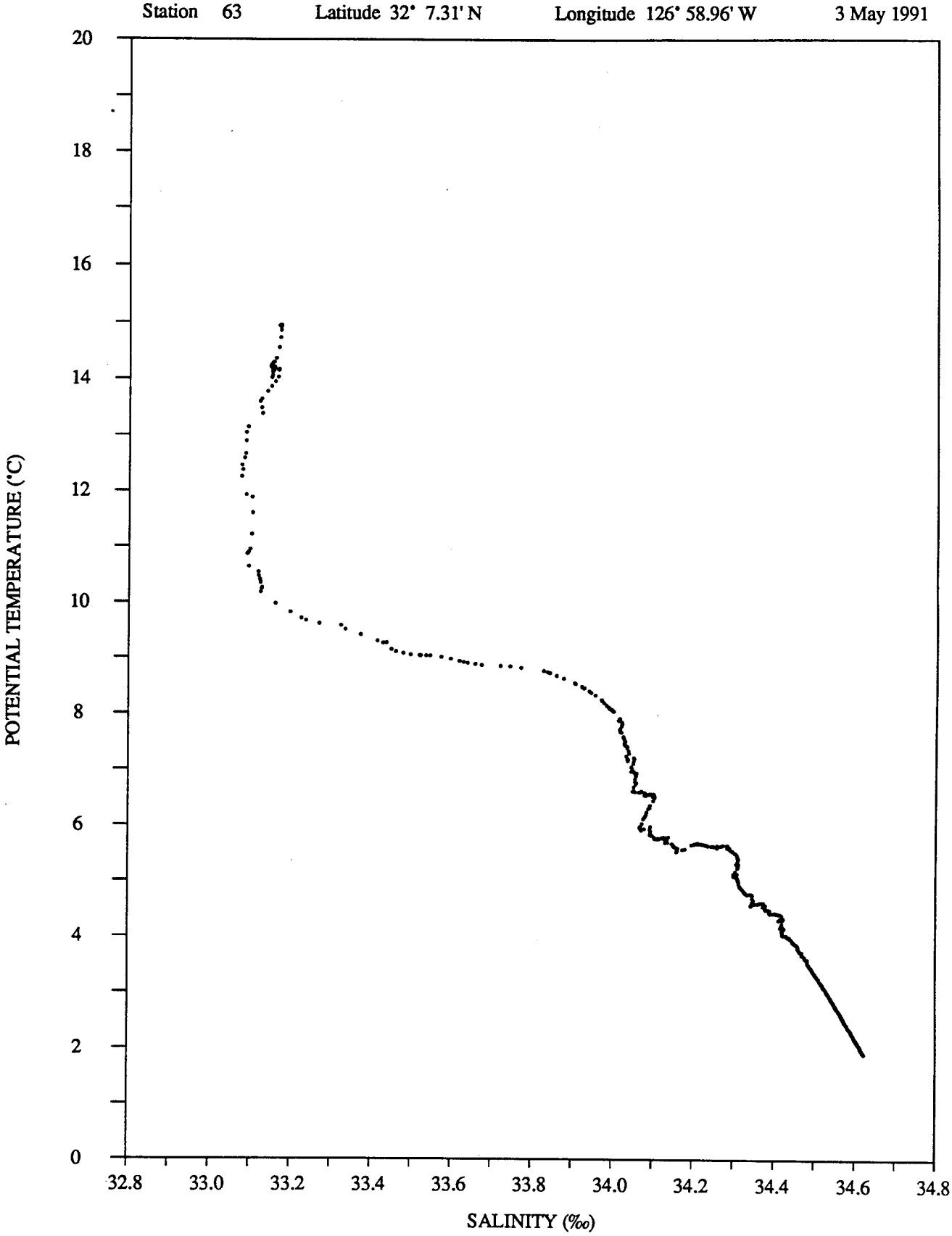
25.0
26.0
27.0
28.0


Station 63
Latitude 32° 7.31' N
Longitude 126° 58.96' W
3 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
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12
10
8
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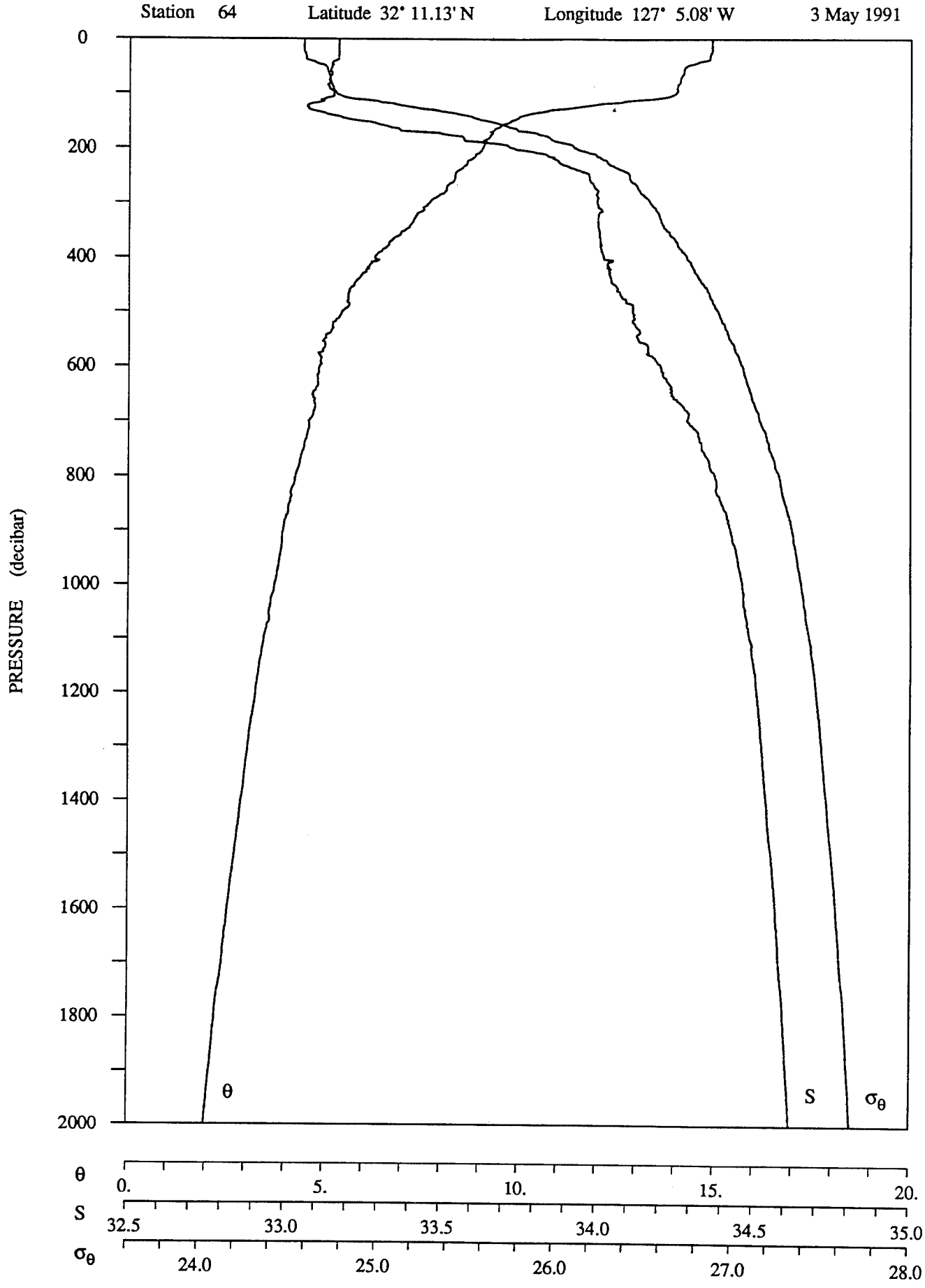
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 64
Latitude 32° 11.13' N
Longitude 127° 5.08' W
3 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
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33.5
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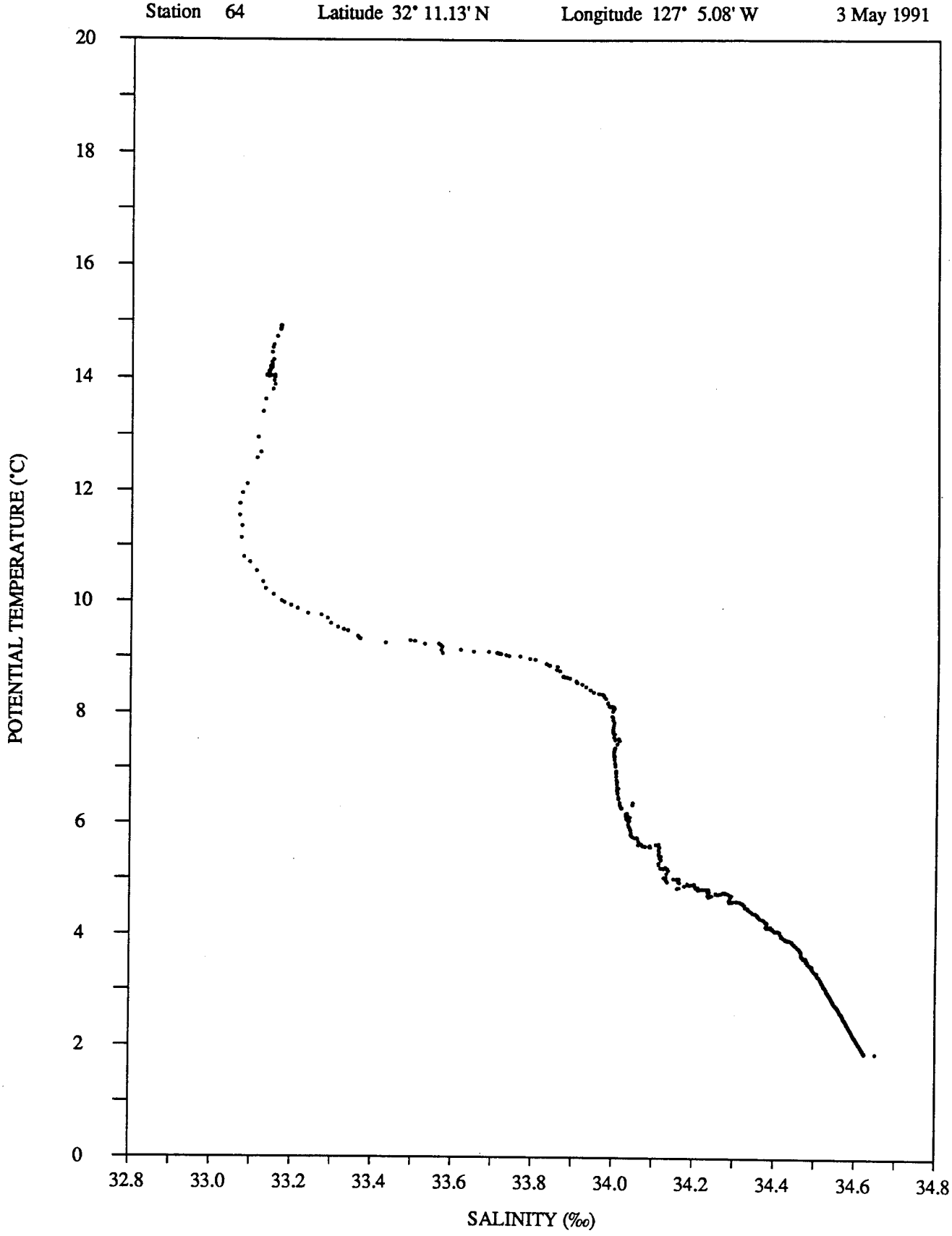
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 64
Latitude 32° 11.13' N
Longitude 127° 5.08' W
3 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
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14
12
10
8
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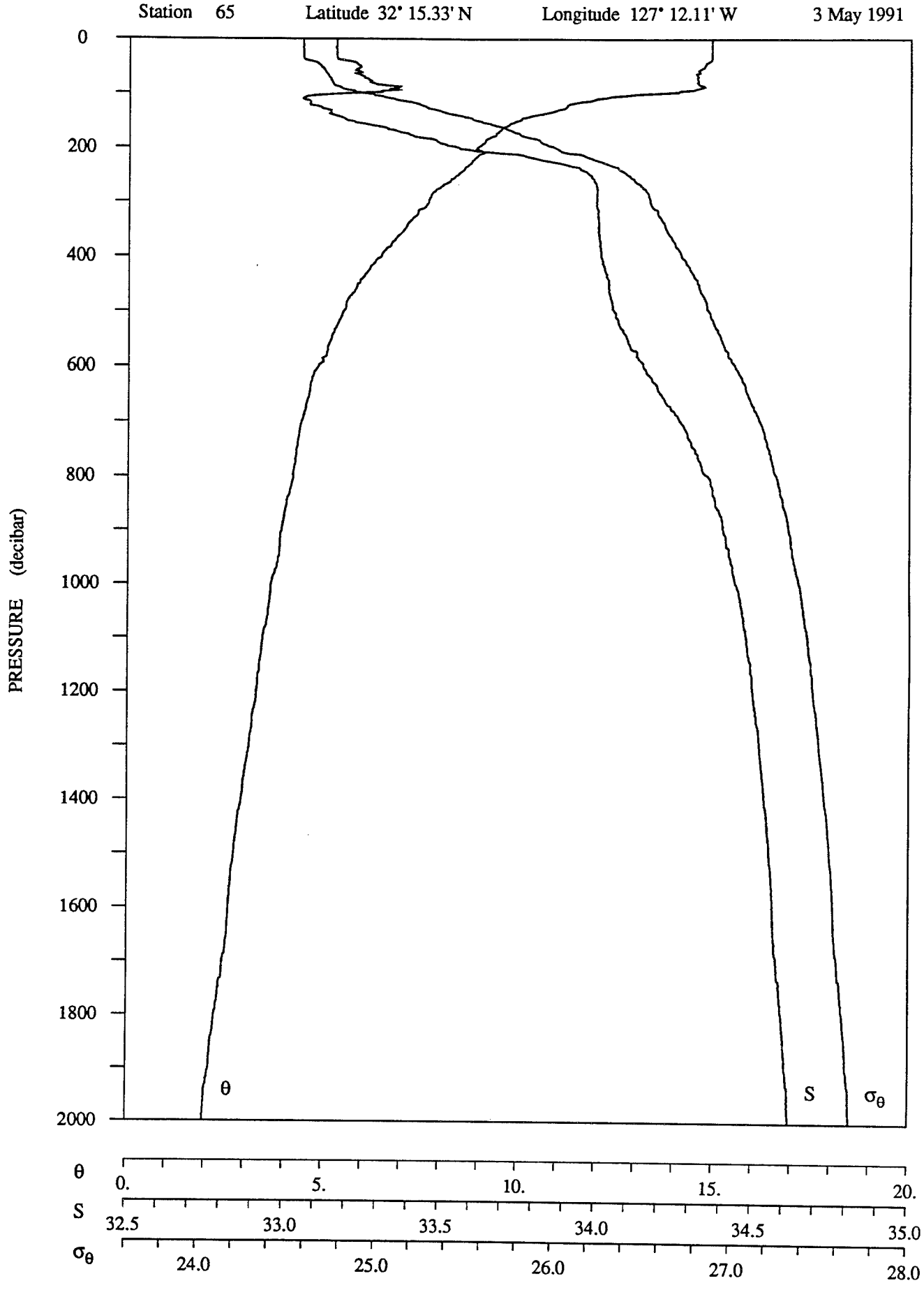
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 65
Latitude 32° 15.33' N
Longitude 127° 12.11' W
3 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
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σθ
θ
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10.
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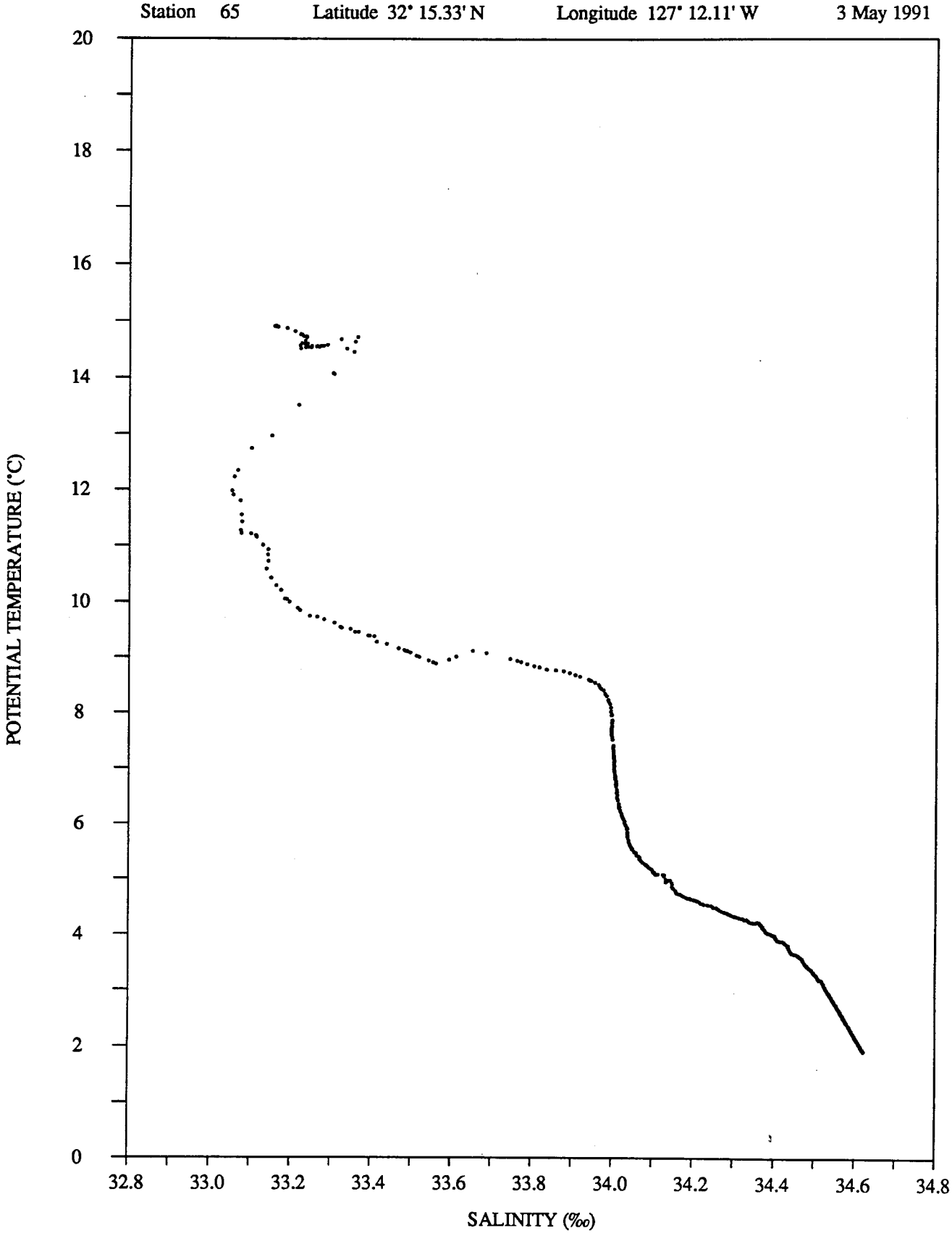
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 65
Latitude 32° 15.33' N
Longitude 127° 12.11' W
3 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
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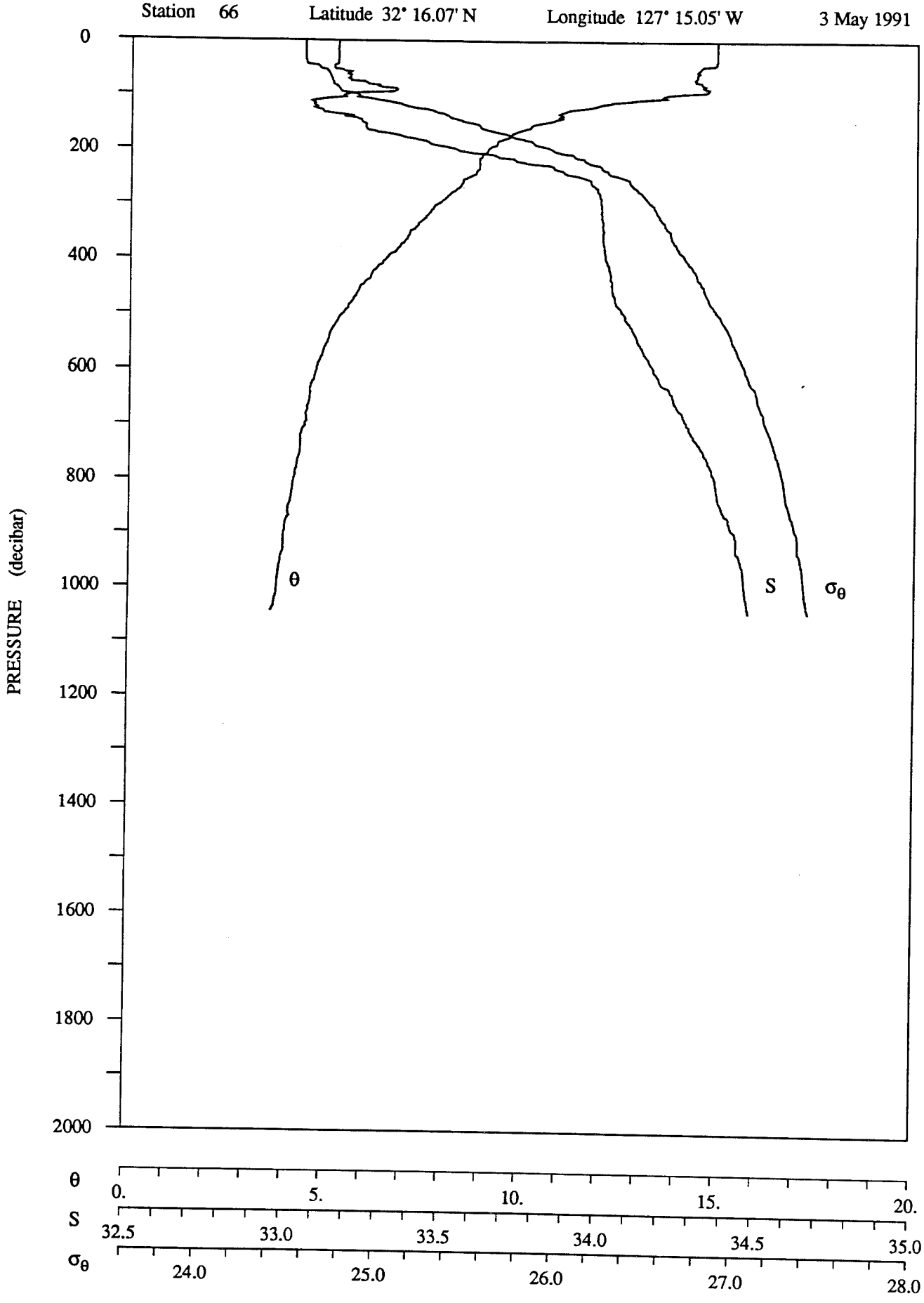
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 66
Latitude 32° 16.07' N
Longitude 127° 15.05' W
3 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
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θ
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5.
10.
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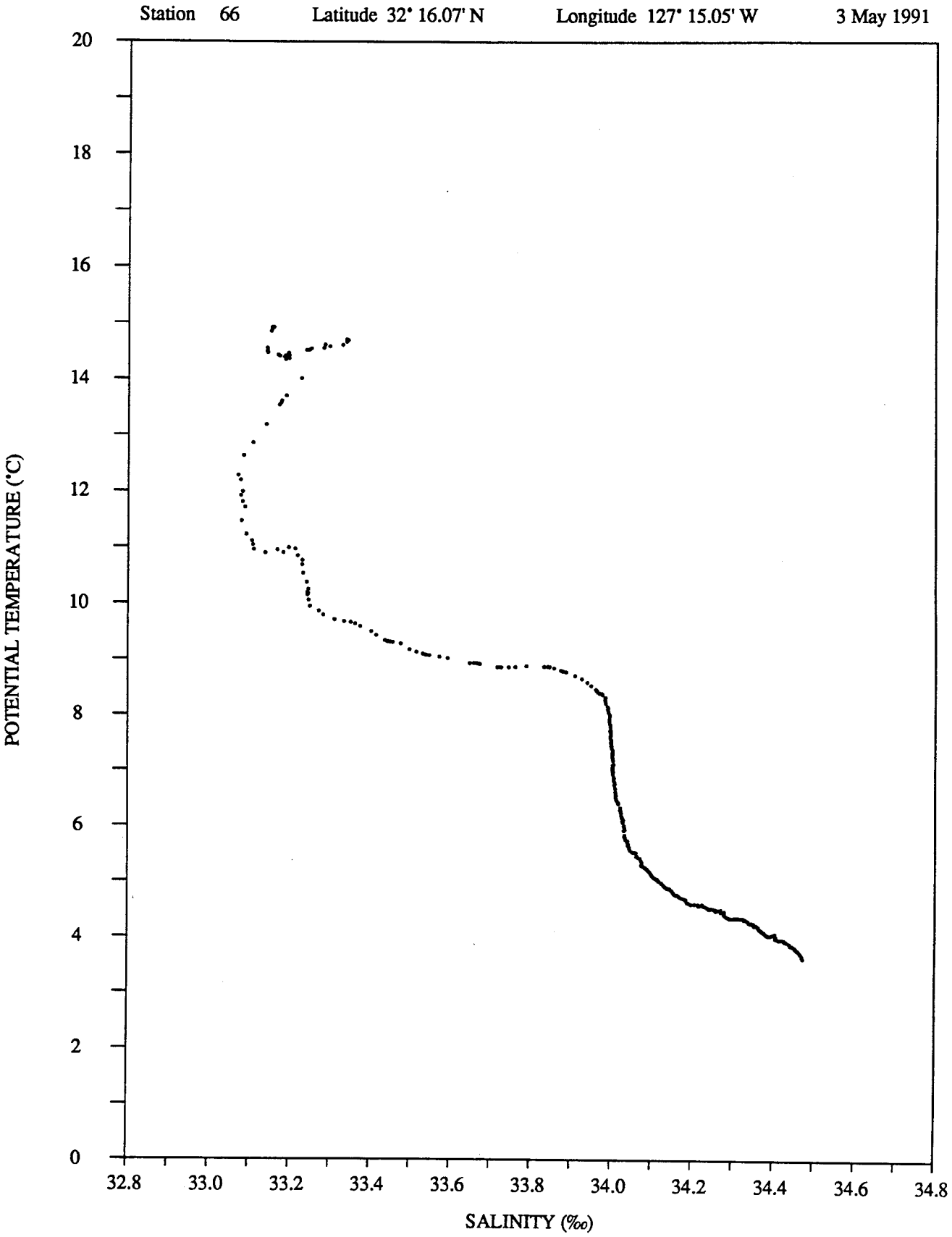
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 66
Latitude 32° 16.07' N
Longitude 127° 15.05' W
3 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
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32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)

Station 67
Latitude 32° 16.81' N
Longitude 127° 17.67' W
3 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
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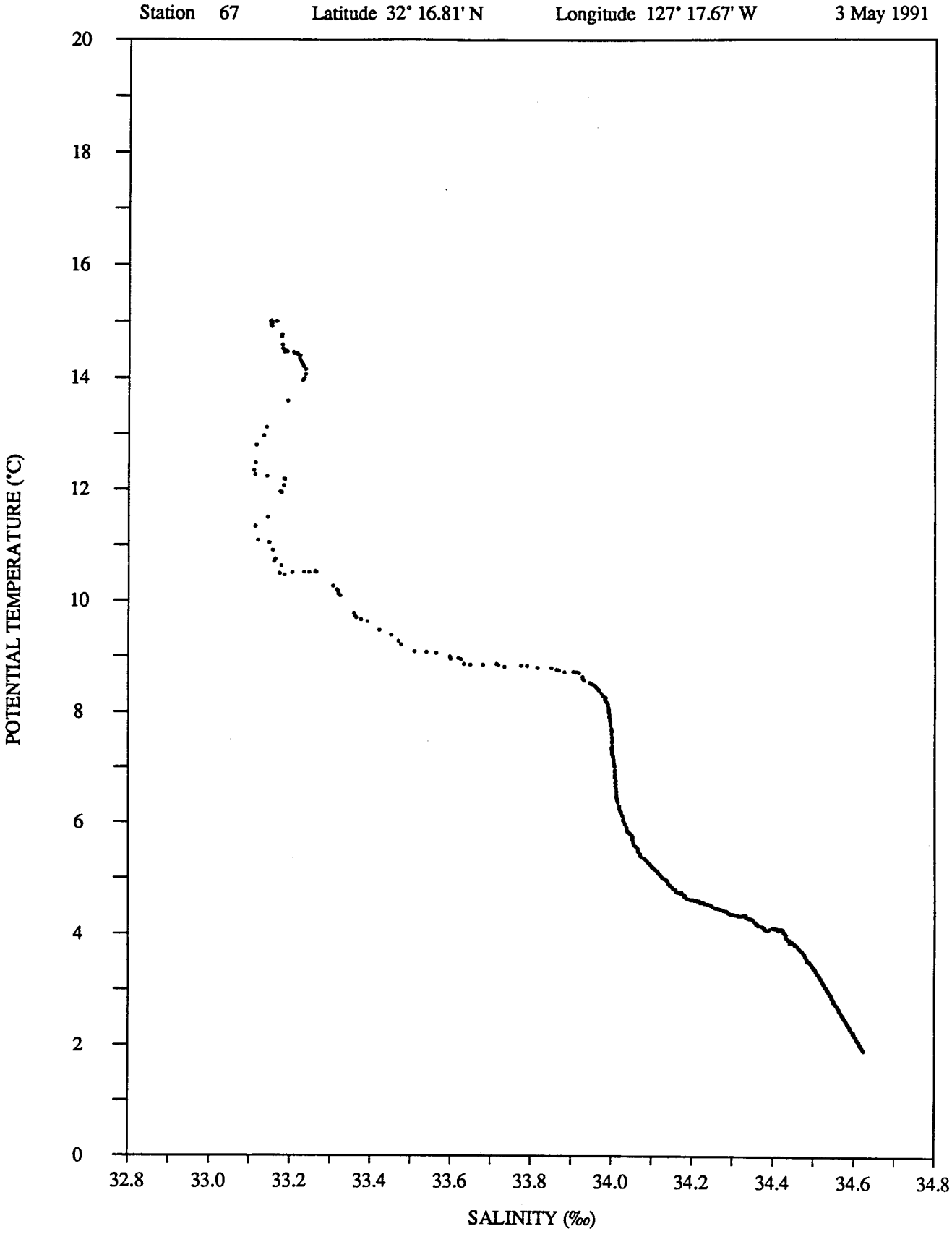
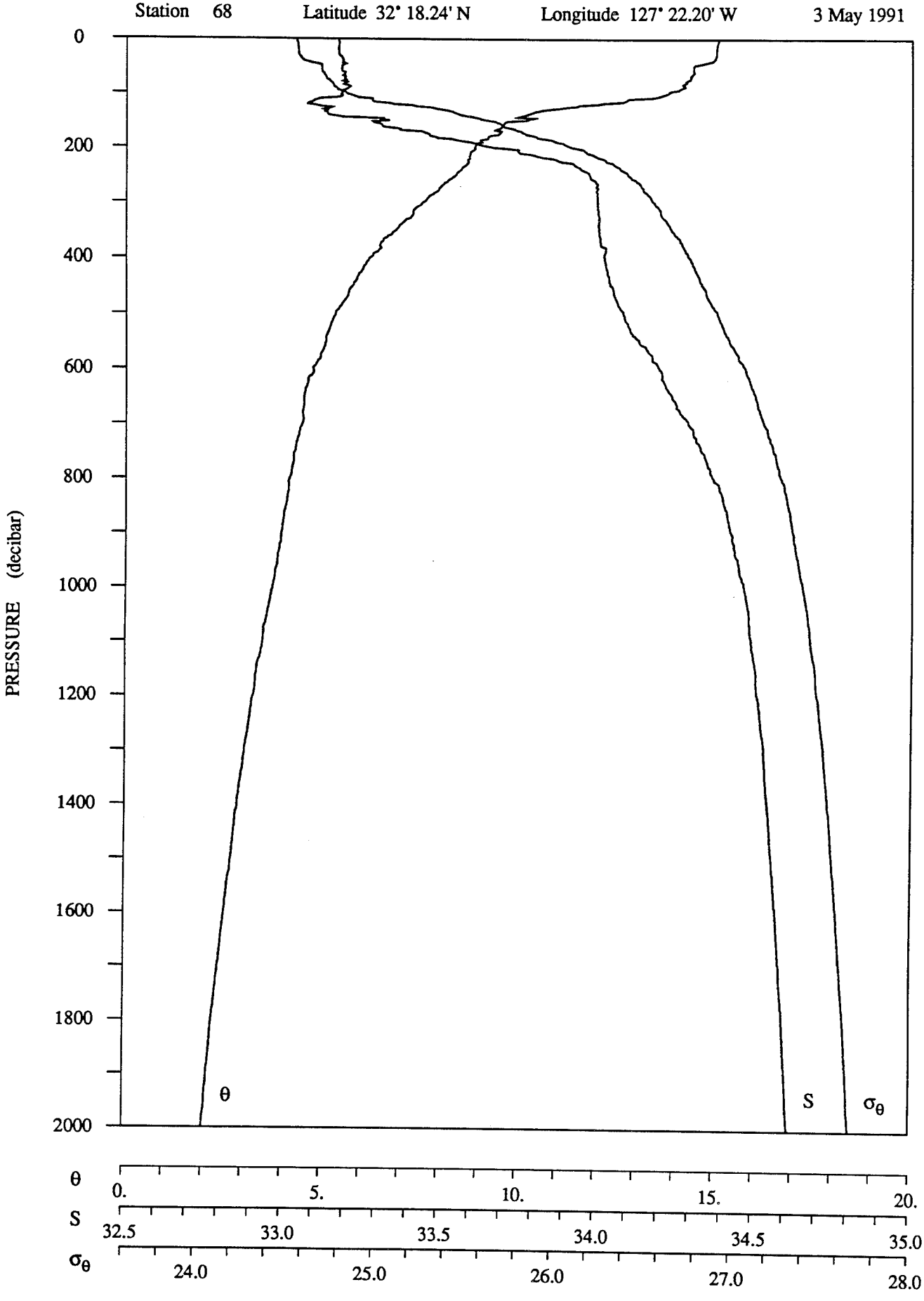
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 67
Latitude 32° 16.81' N
Longitude 127° 17.67' W
3 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 68
Latitude 32° 18.24' N
Longitude 127° 22.20' W
3 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
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2000
θ
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σθ
θ
0.
5.
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20.
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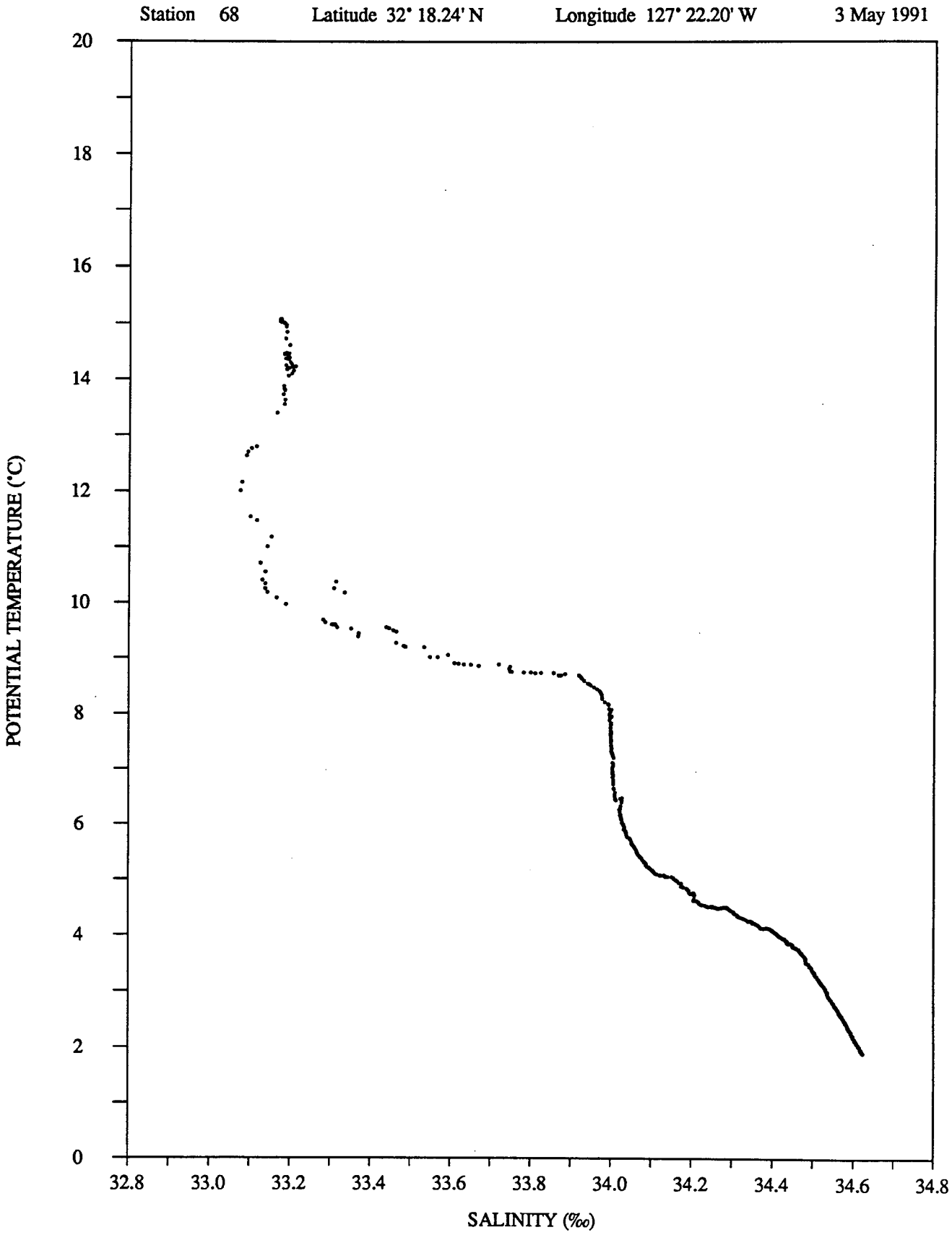
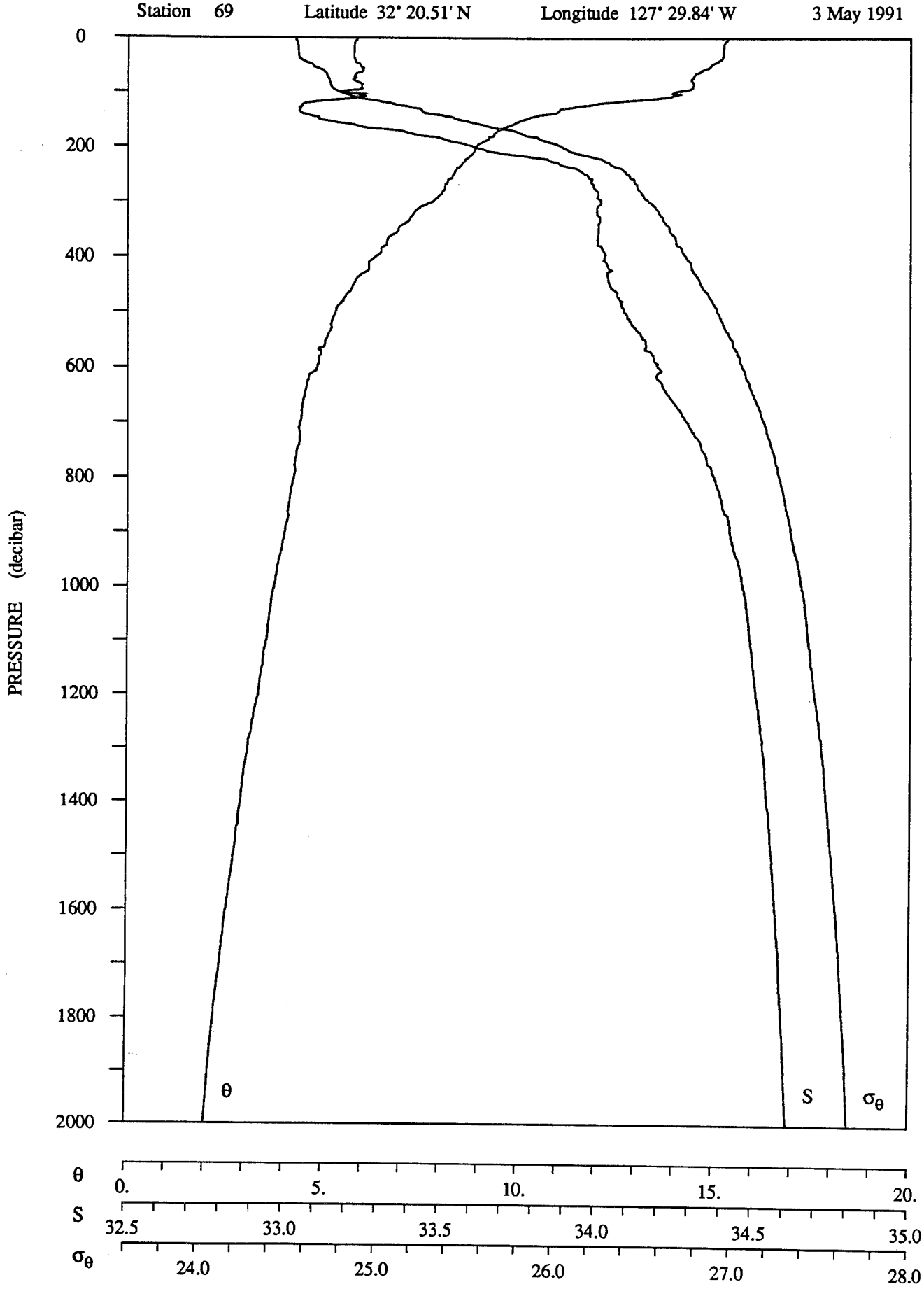
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 68
Latitude 32° 18.24' N
Longitude 127° 22.20' W
3 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 69
Latitude 32° 20.51' N
Longitude 127° 29.84' W
3 May 1991
PRESSURE (decibar)
0
200
400
600
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1000
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33.5
34.0
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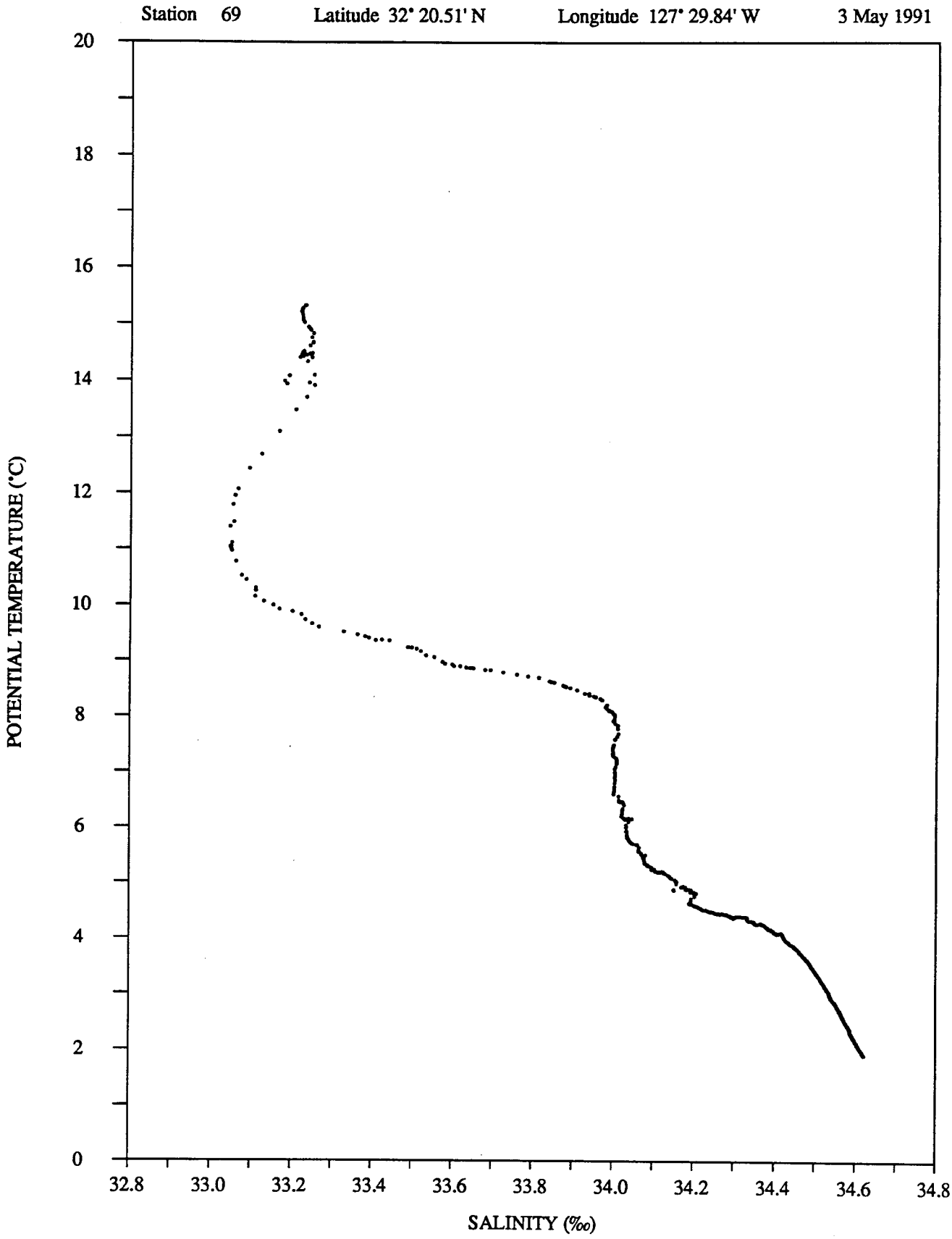
27.0
28.0


Station 69
Latitude 32° 20.51' N
Longitude 127° 29.84' W
3 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
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32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)

Station 70
Latitude 32° 22.68' N
Longitude 127° 37.39' W
3 May 1991
PRESSURE (decibar)
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200
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600
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1000
1200
1400
1600
1800
2000
θ
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σθ
θ
0.
5.
10.
15.
20.
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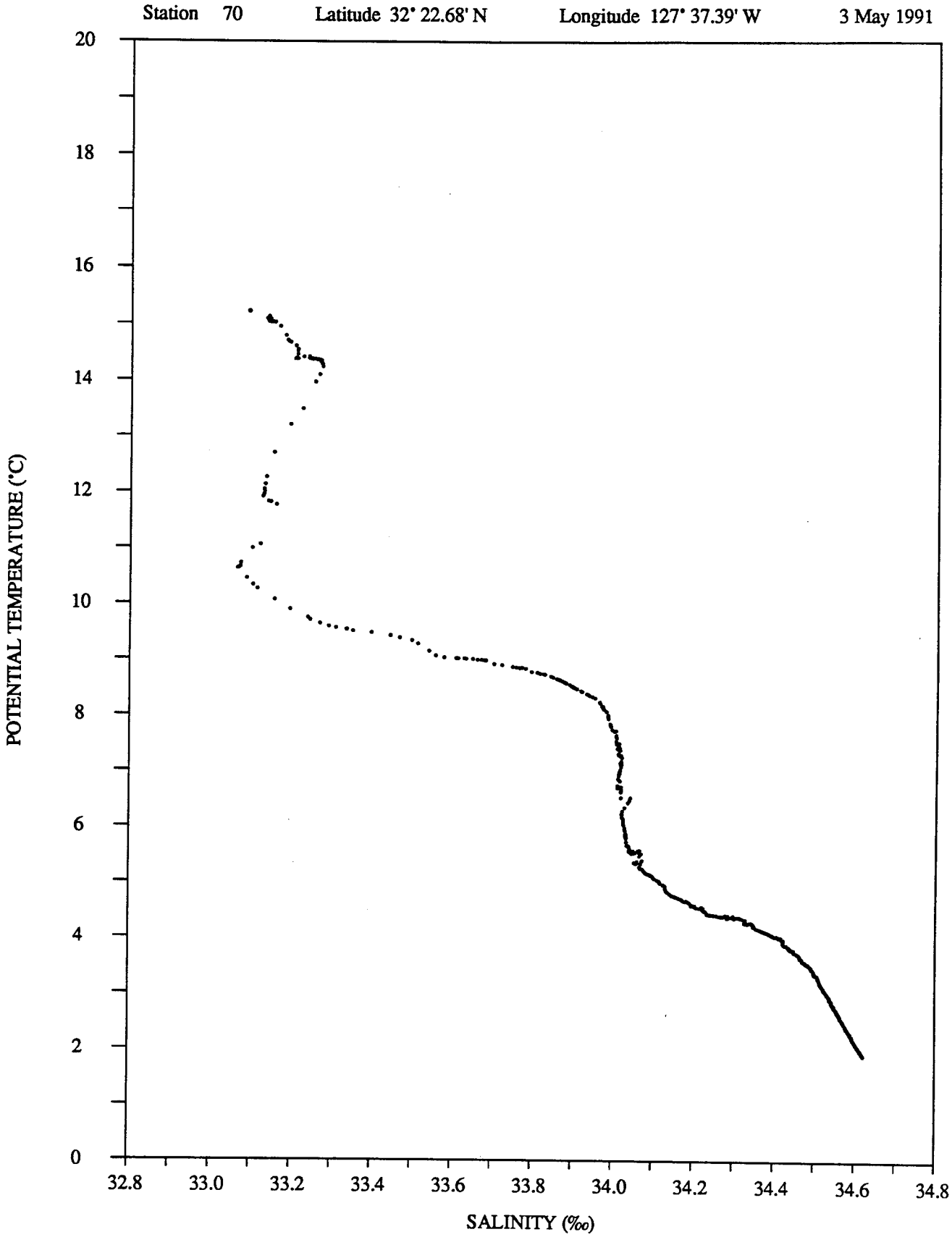
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 70
Latitude 32° 22.68' N
Longitude 127° 37.39' W
3 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
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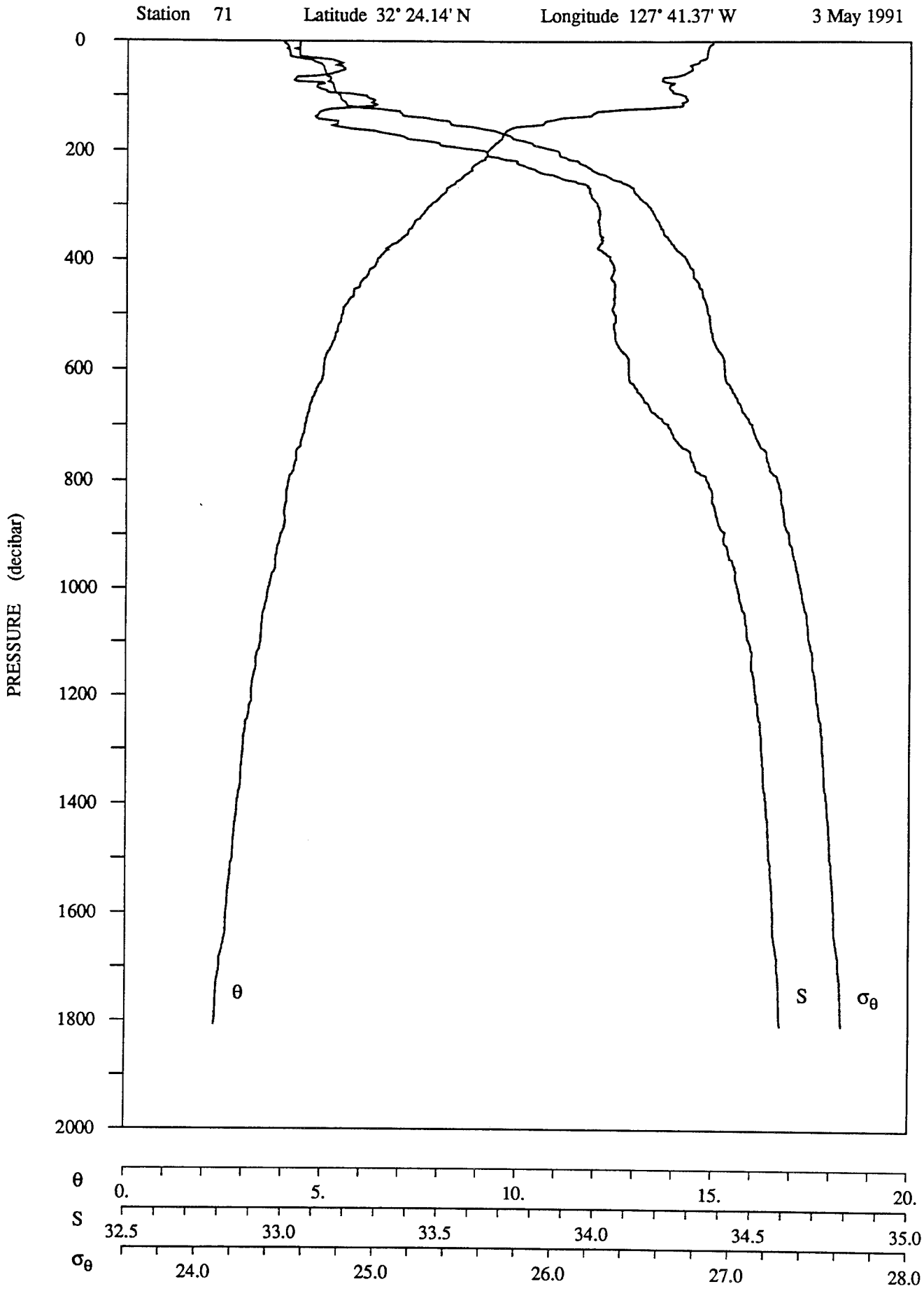
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 71
Latitude 32° 24.14' N
Longitude 127° 41.37' W
3 May 1991
PRESSURE (decibar)
0
200
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1000
1200
1400
1600
1800
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σθ
θ
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5.
10.
15.
20.
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32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
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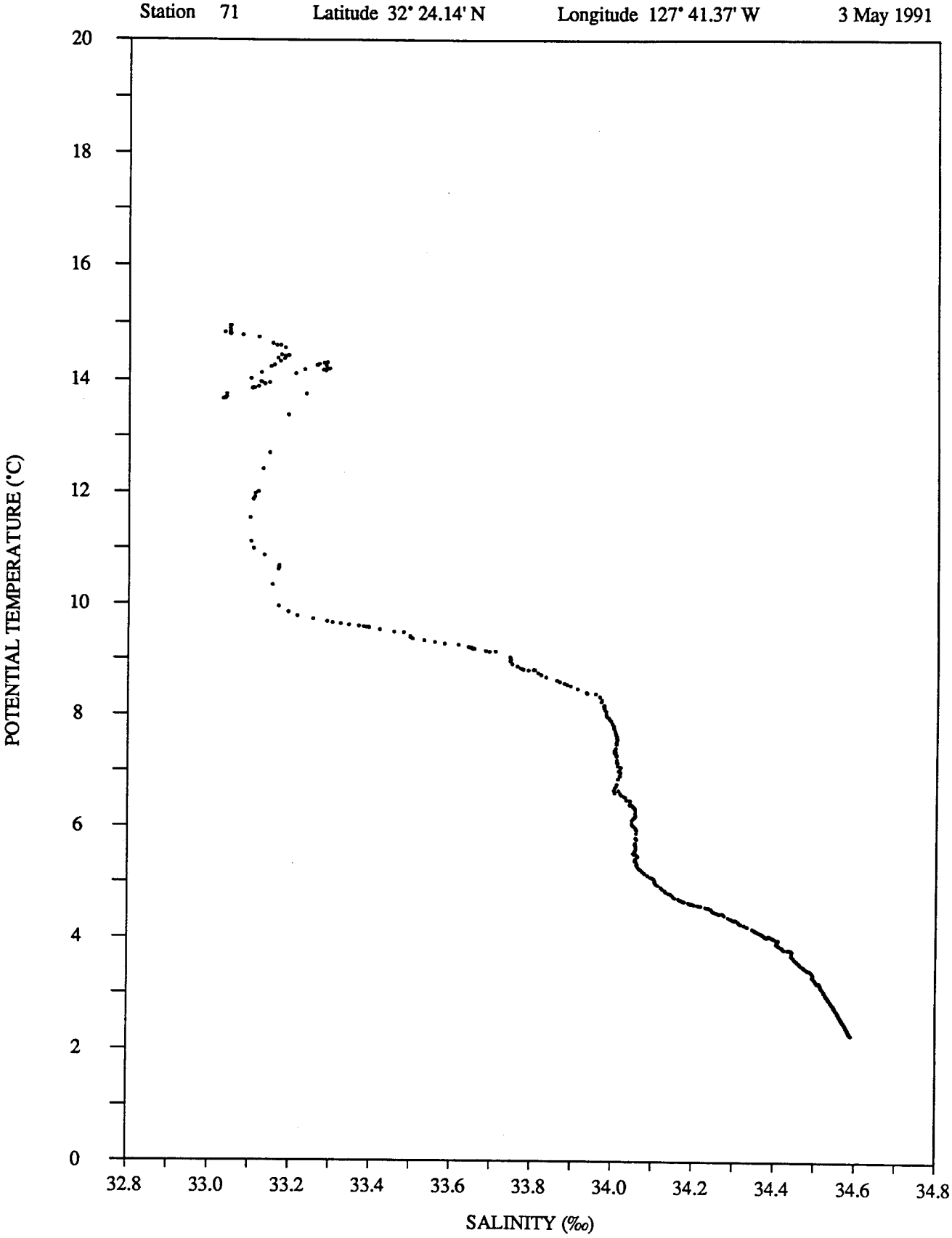
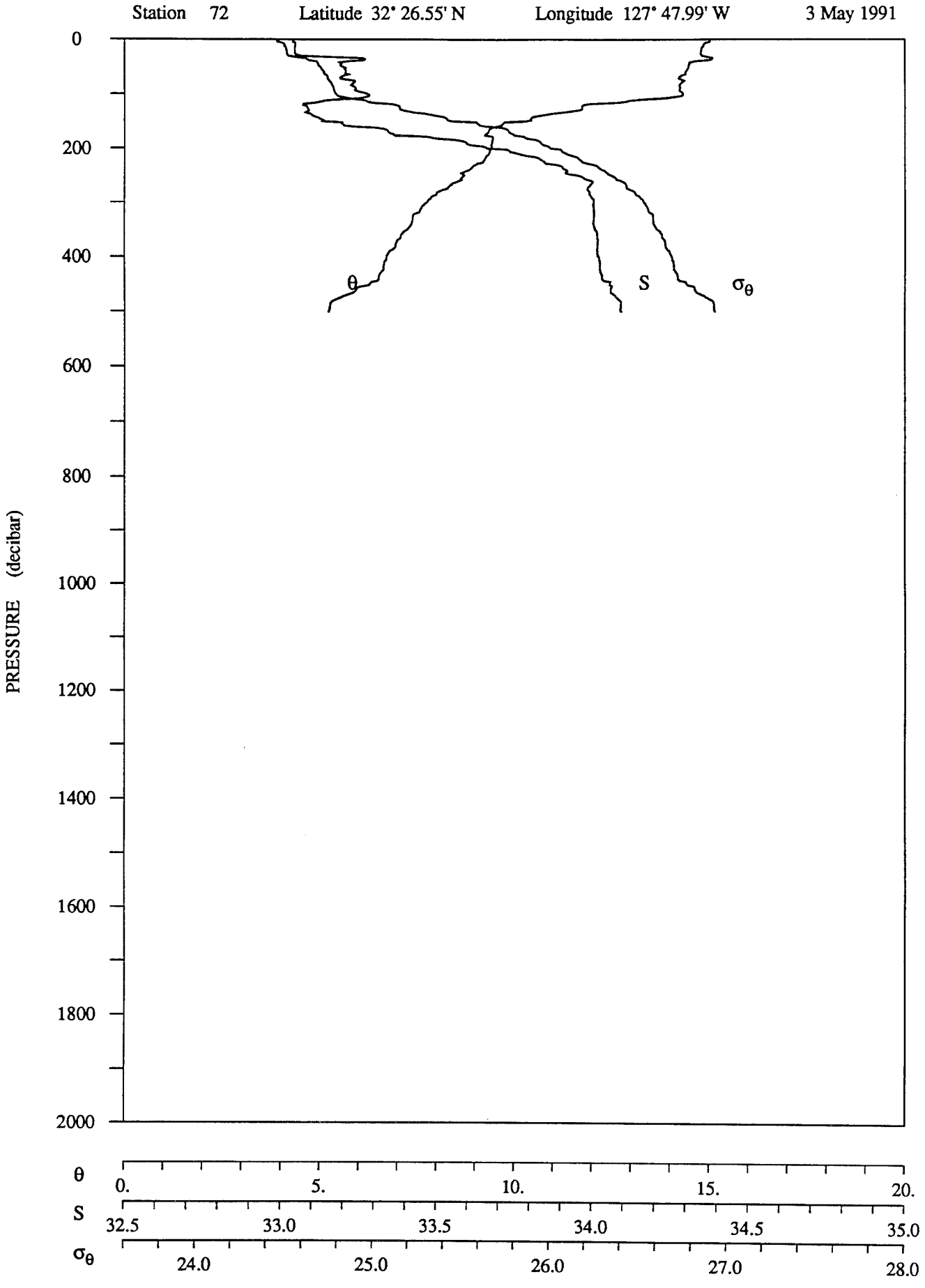
26.0
27.0
28.0


Station 71
Latitude 32° 24.14' N
Longitude 127° 41.37' W
3 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 72
Latitude 32° 26.55' N
Longitude 127° 47.99' W
3 May 1991
PRESSURE (decibar)
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200
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1000
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1800
2000
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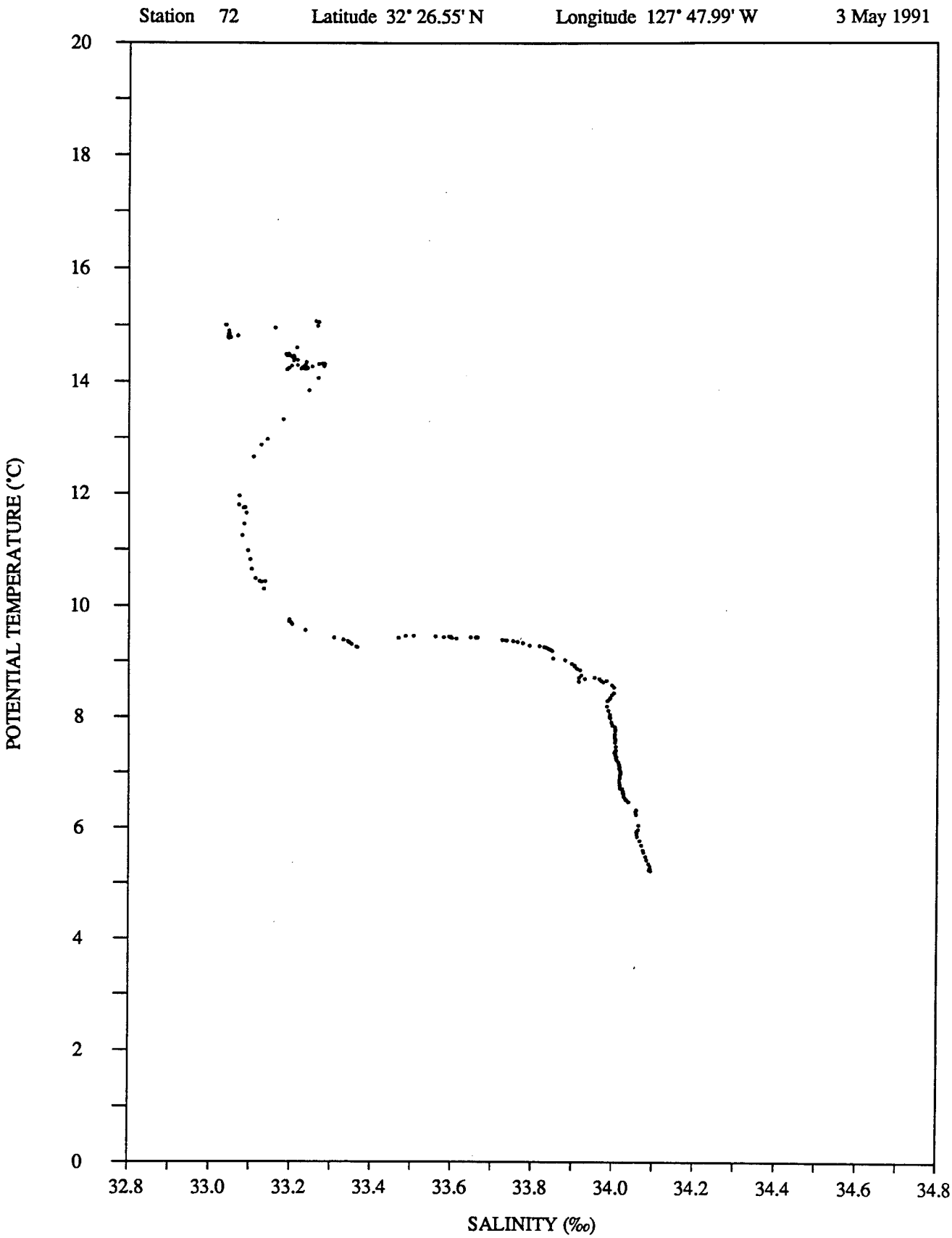
σθ
θ 0. 5. 10. 15. 20.
S 32.5 33.0 33.5 34.0 34.5 35.0
σθ 24.0 25.0 26.0 27.0 28.0


Station 72
Latitude 32° 26.55' N
Longitude 127° 47.99' W
3 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
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2
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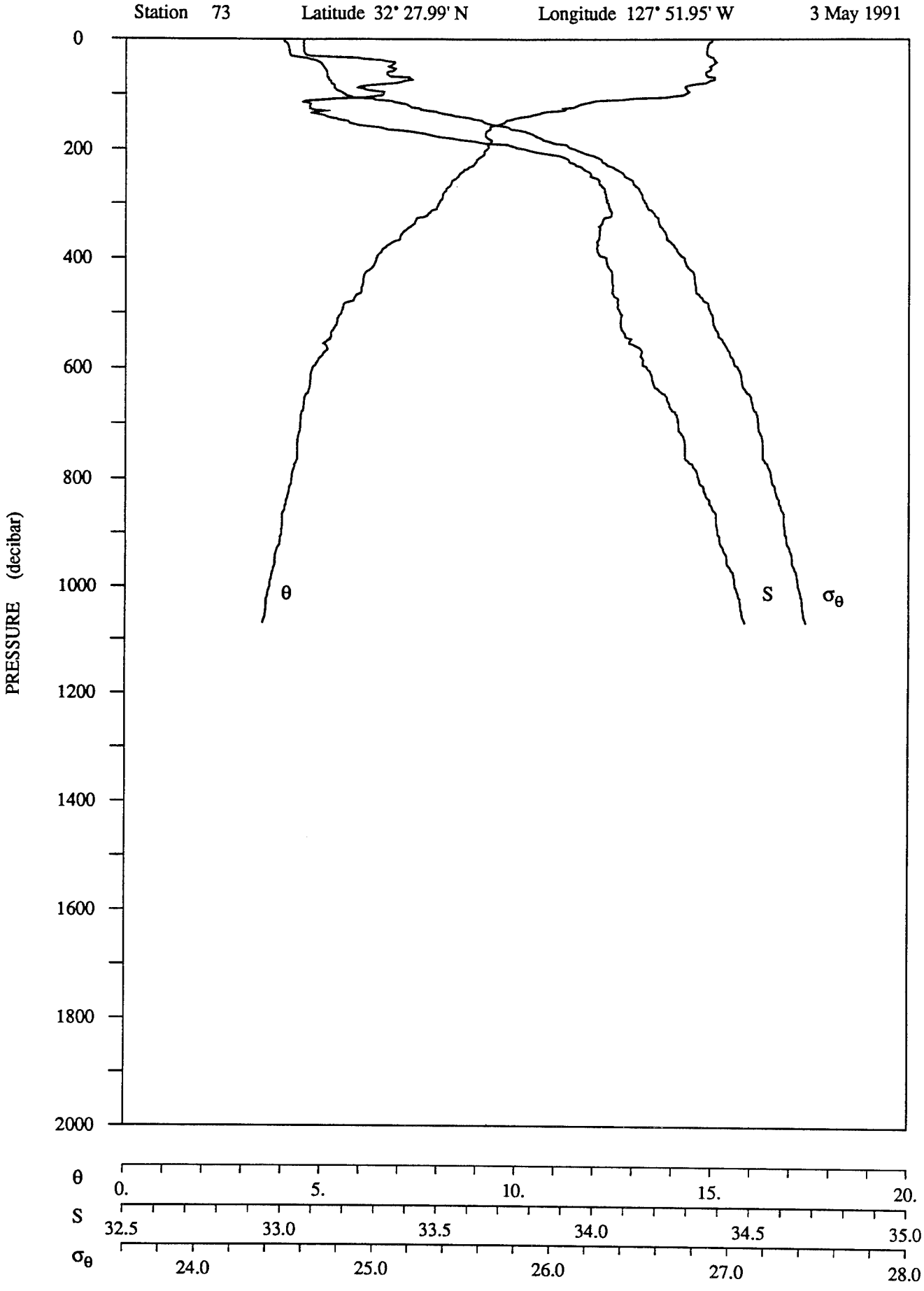
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 73
Latitude 32° 27.99' N
Longitude 127° 51.95' W
3 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
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σθ
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0.
5.
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32.5
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34.5
35.0
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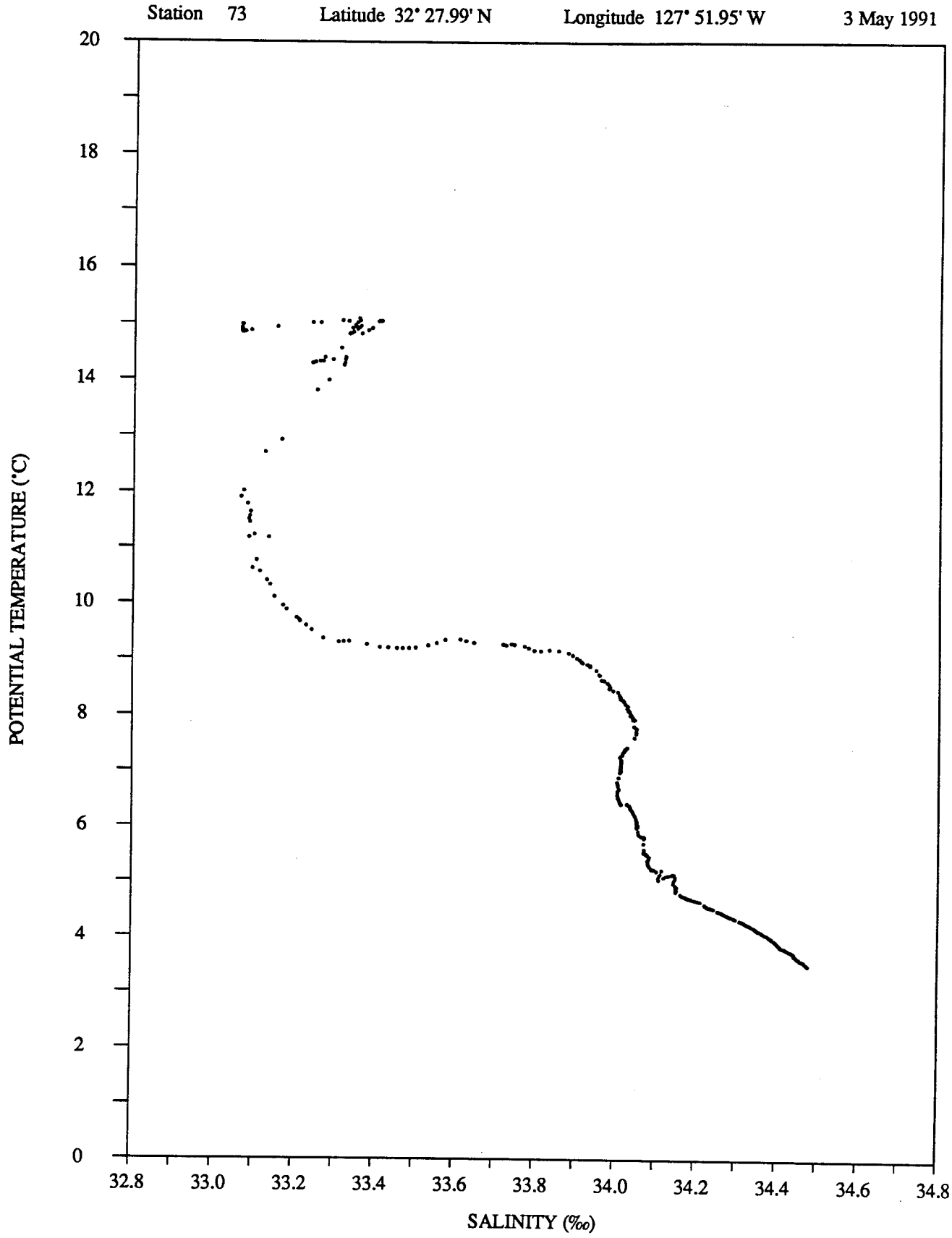
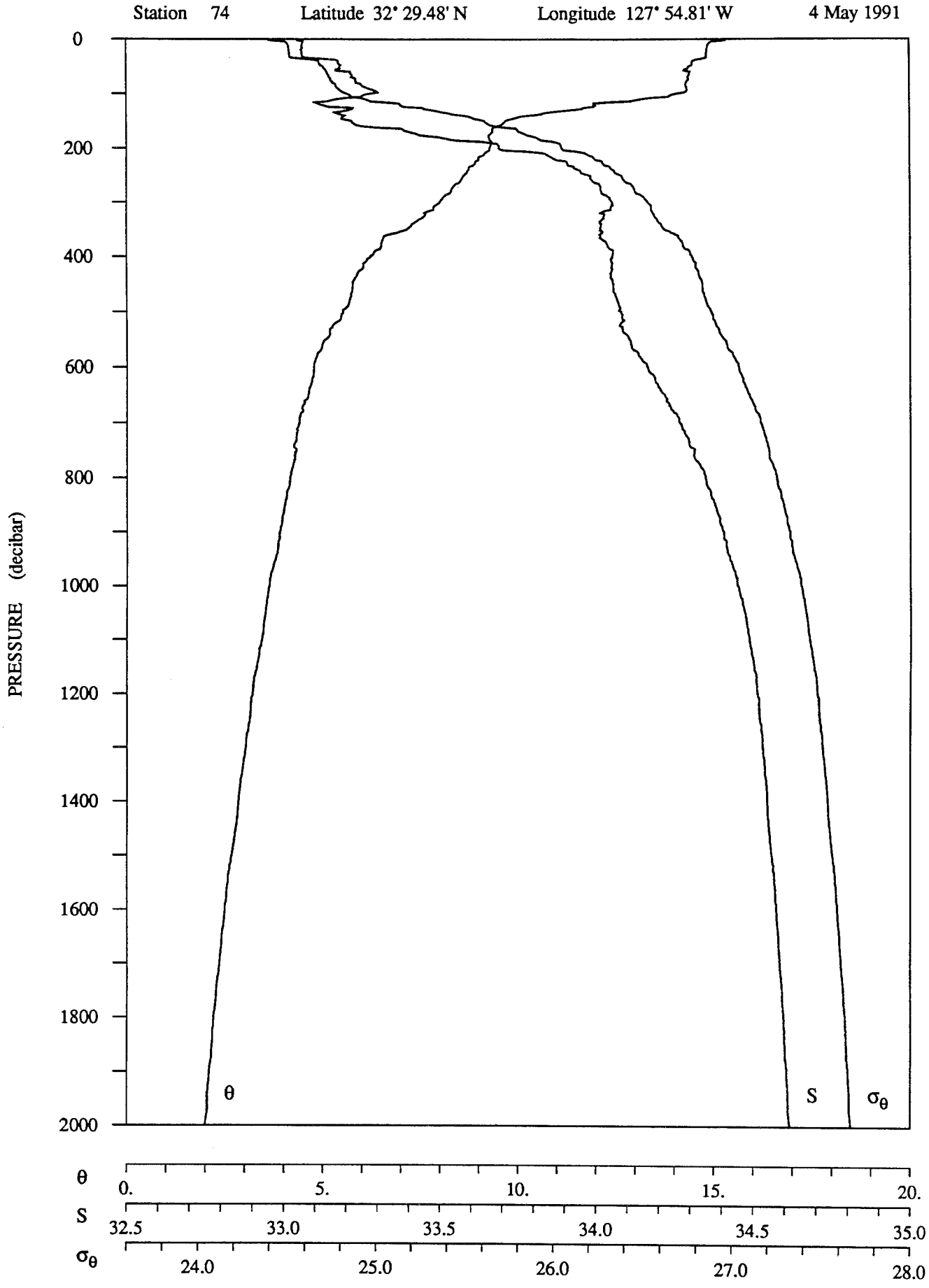
24.0
25.0
26.0
27.0
28.0


Station 73
Latitude 32° 27.99' N
Longitude 127° 51.95' W
3 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 74
Latitude 32° 29.48' N
Longitude 127° 54.81' W
4 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
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24.0
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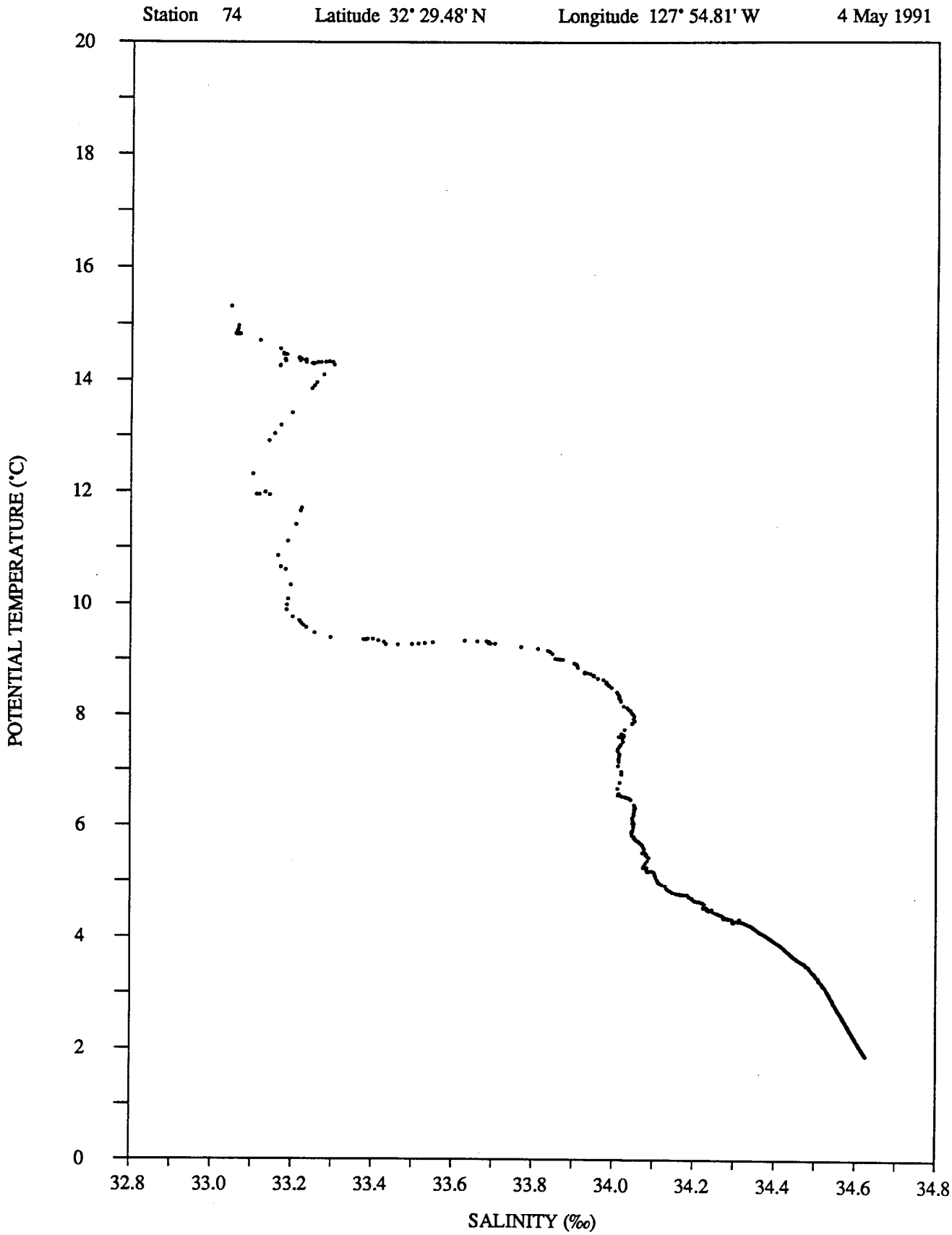
28.0


Station 74
Latitude 32° 29.48' N
Longitude 127° 54.81' W
4 May 1991
POTENTIAL TEMPERATURE (°C)
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18
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8
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32.8
33.0
33.2
33.4
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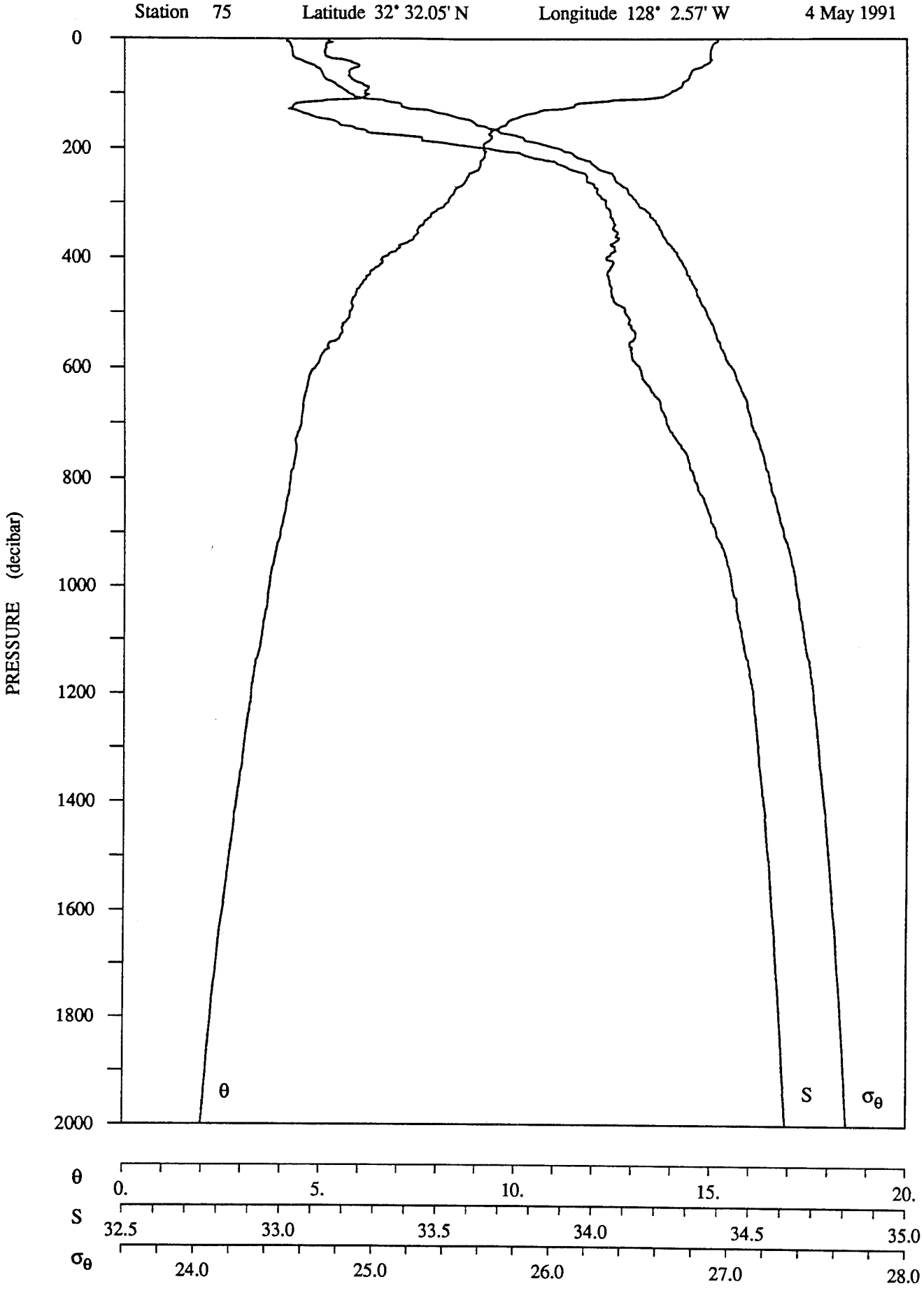
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 75
Latitude 32° 32.05' N
Longitude 128° 2.57' W
4 May 1991
PRESSURE (decibar)
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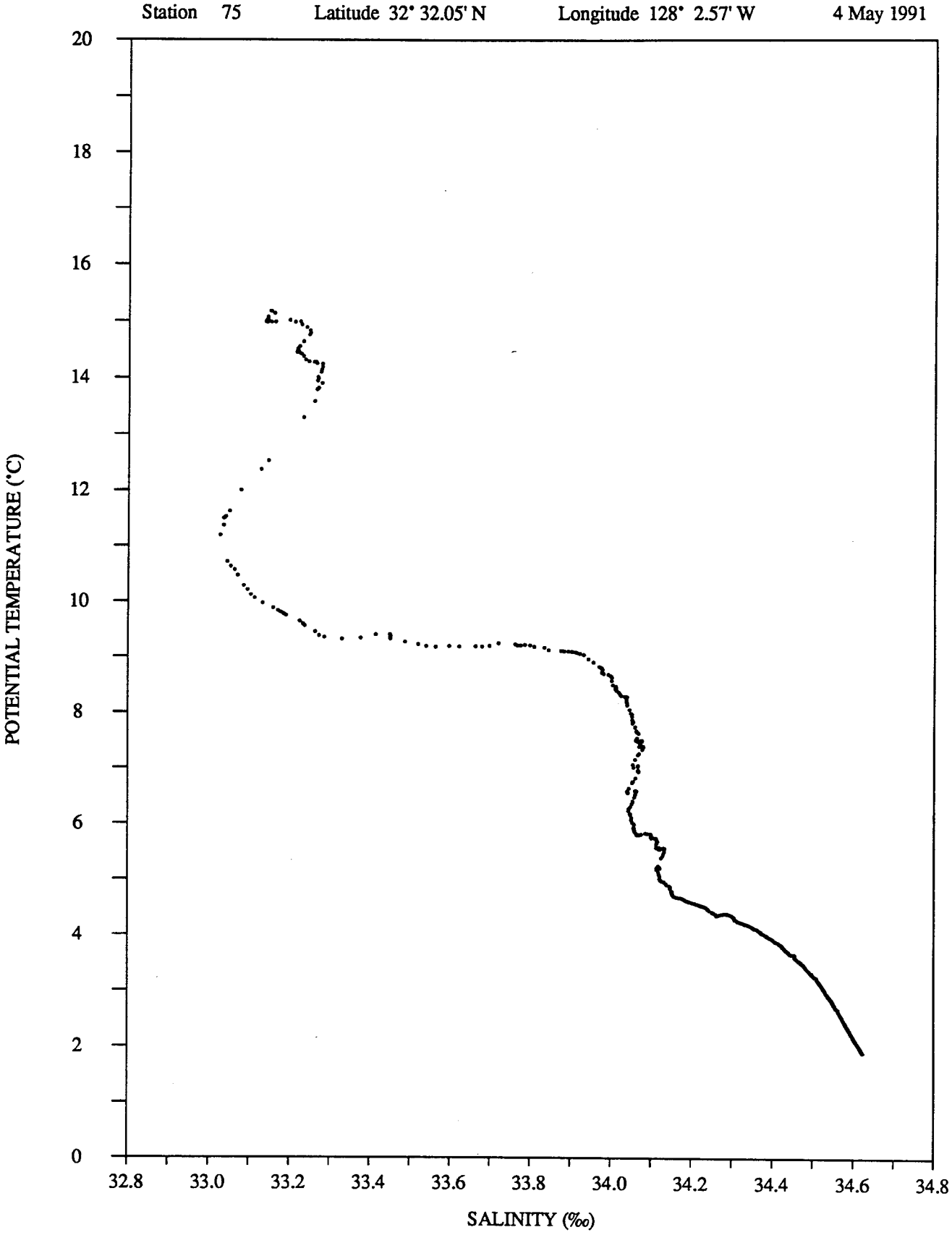
Station 75
Latitude 32° 32.05' N
Longitude 128° 2.57' W
4 May 1991
POTENTIAL TEMPERATURE (°C)
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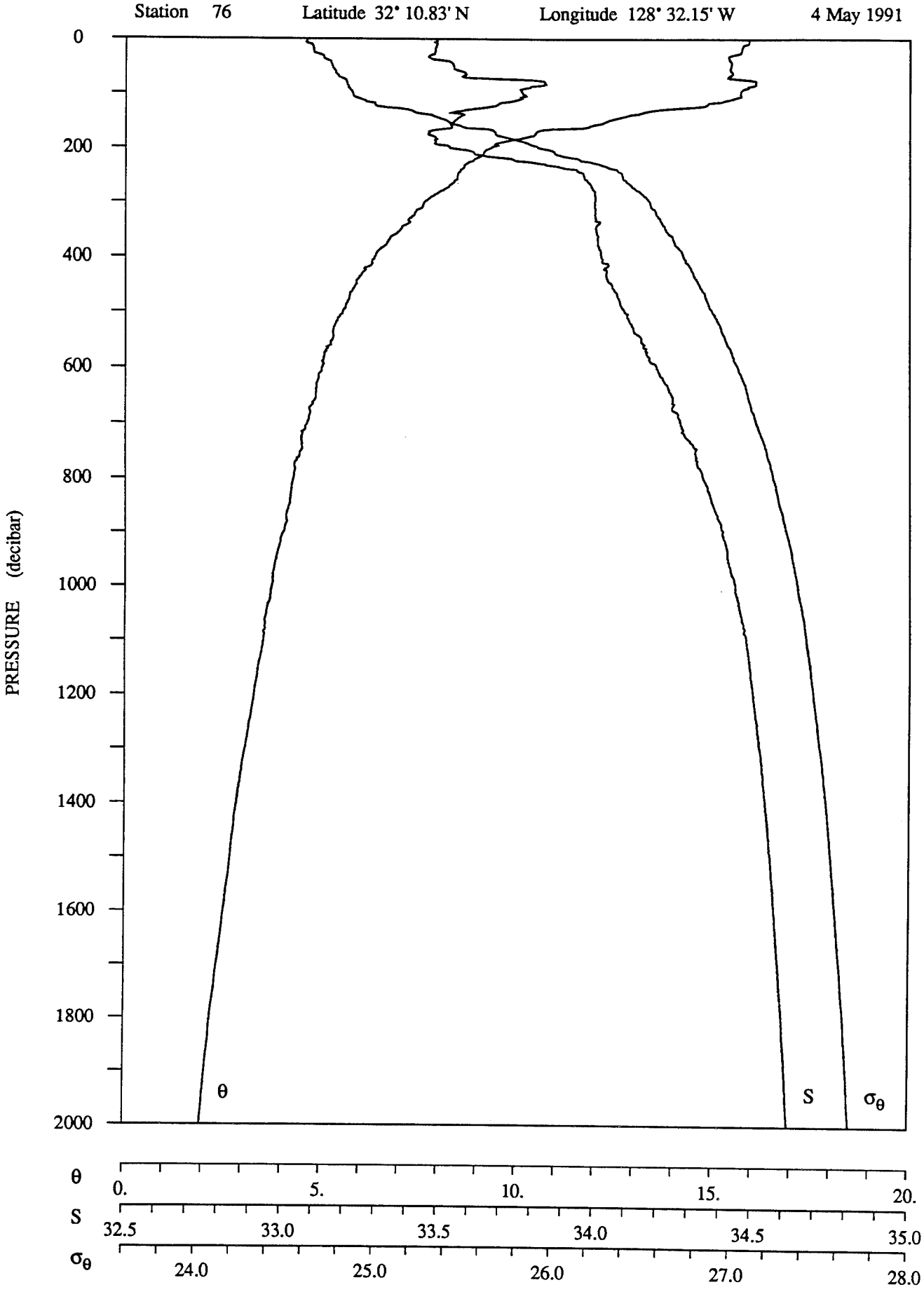
SALINITY (‰)


Station 76
Latitude 32° 10.83' N
Longitude 128° 32.15' W
4 May 1991
PRESSURE (decibar)
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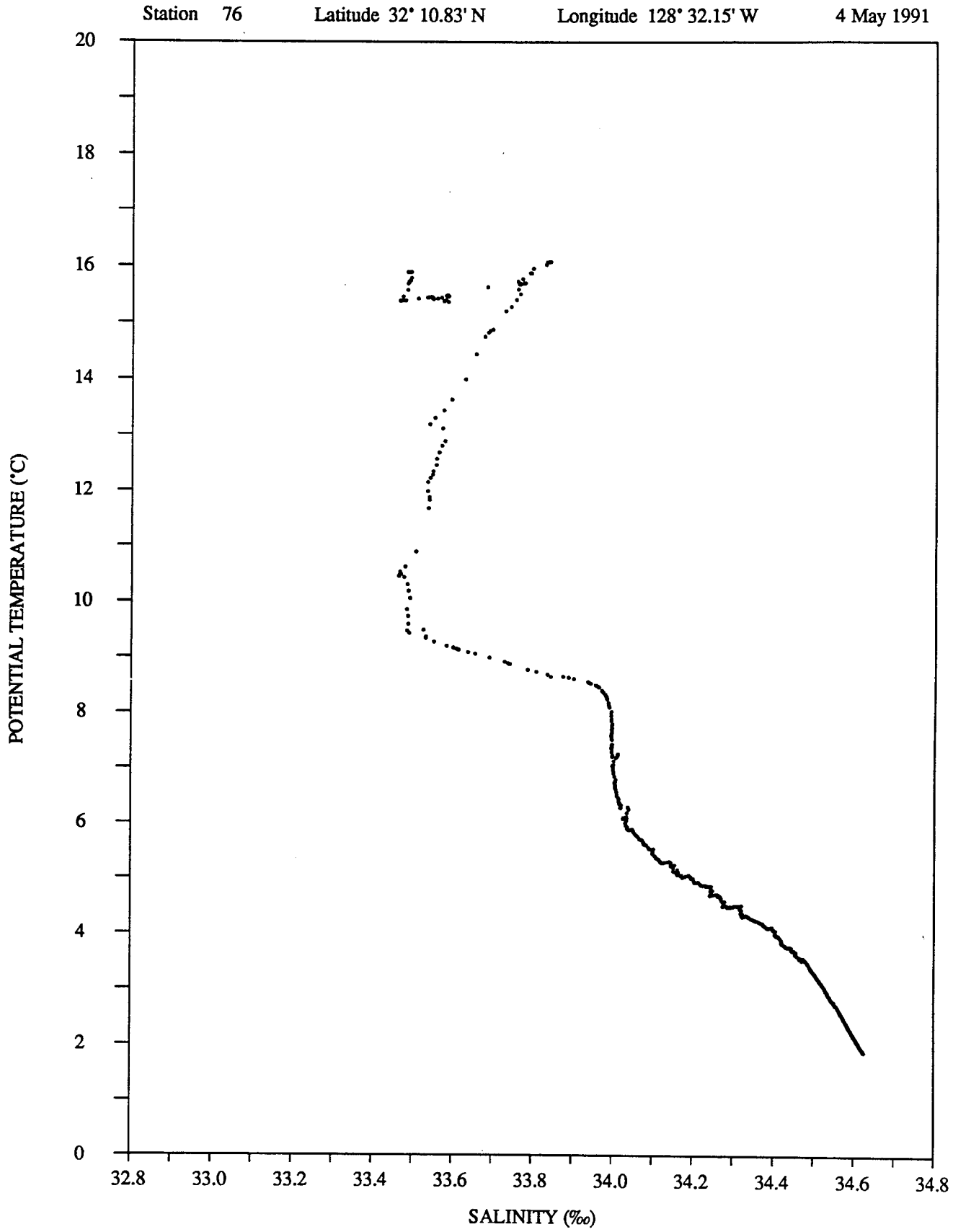
Station 76
Latitude 32° 10.83' N
Longitude 128° 32.15' W
4 May 1991
POTENTIAL TEMPERATURE (°C)
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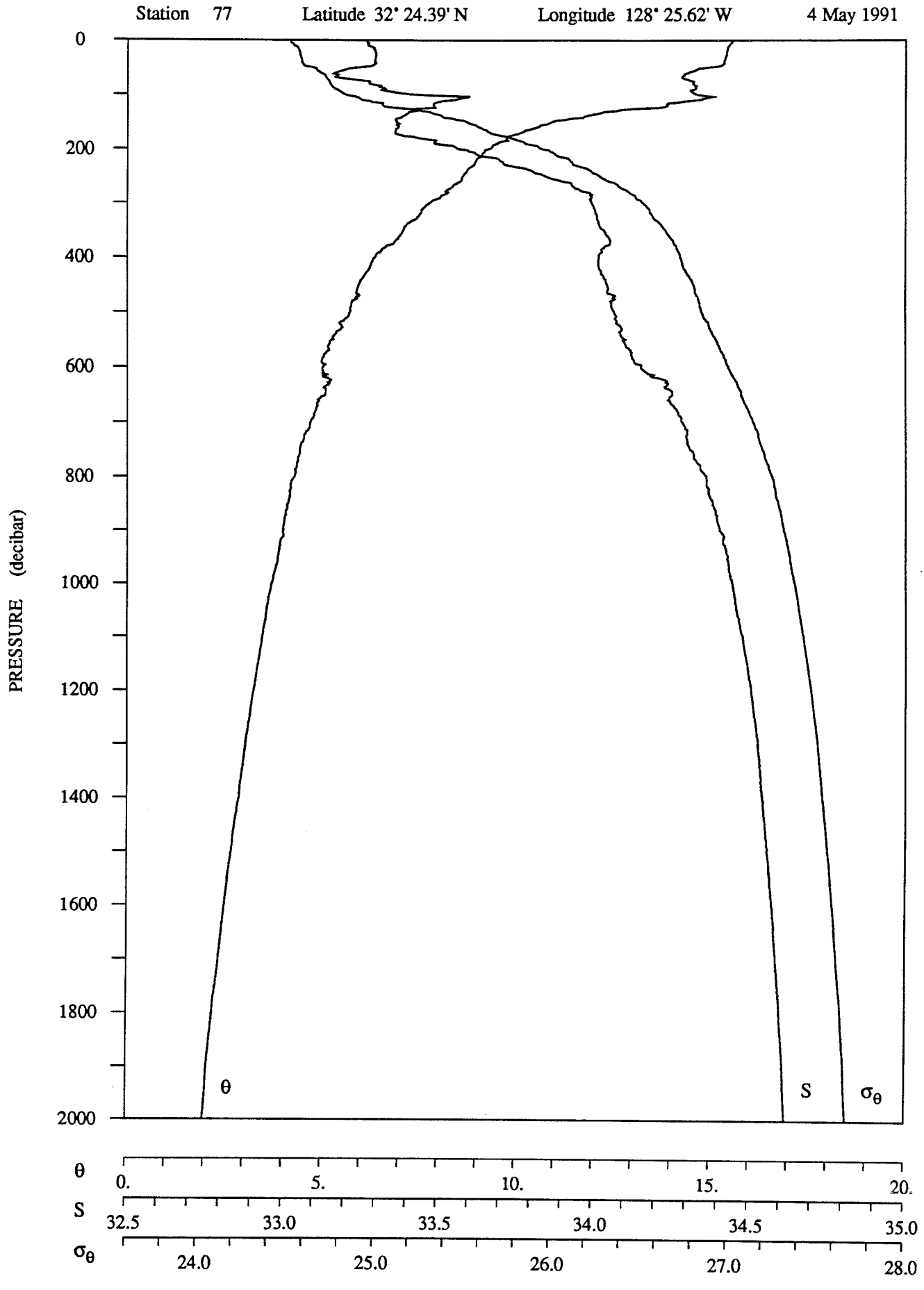
SALINITY (‰)


Station 77
Latitude 32° 24.39' N
Longitude 128° 25.62' W
4 May 1991
PRESSURE (decibar)
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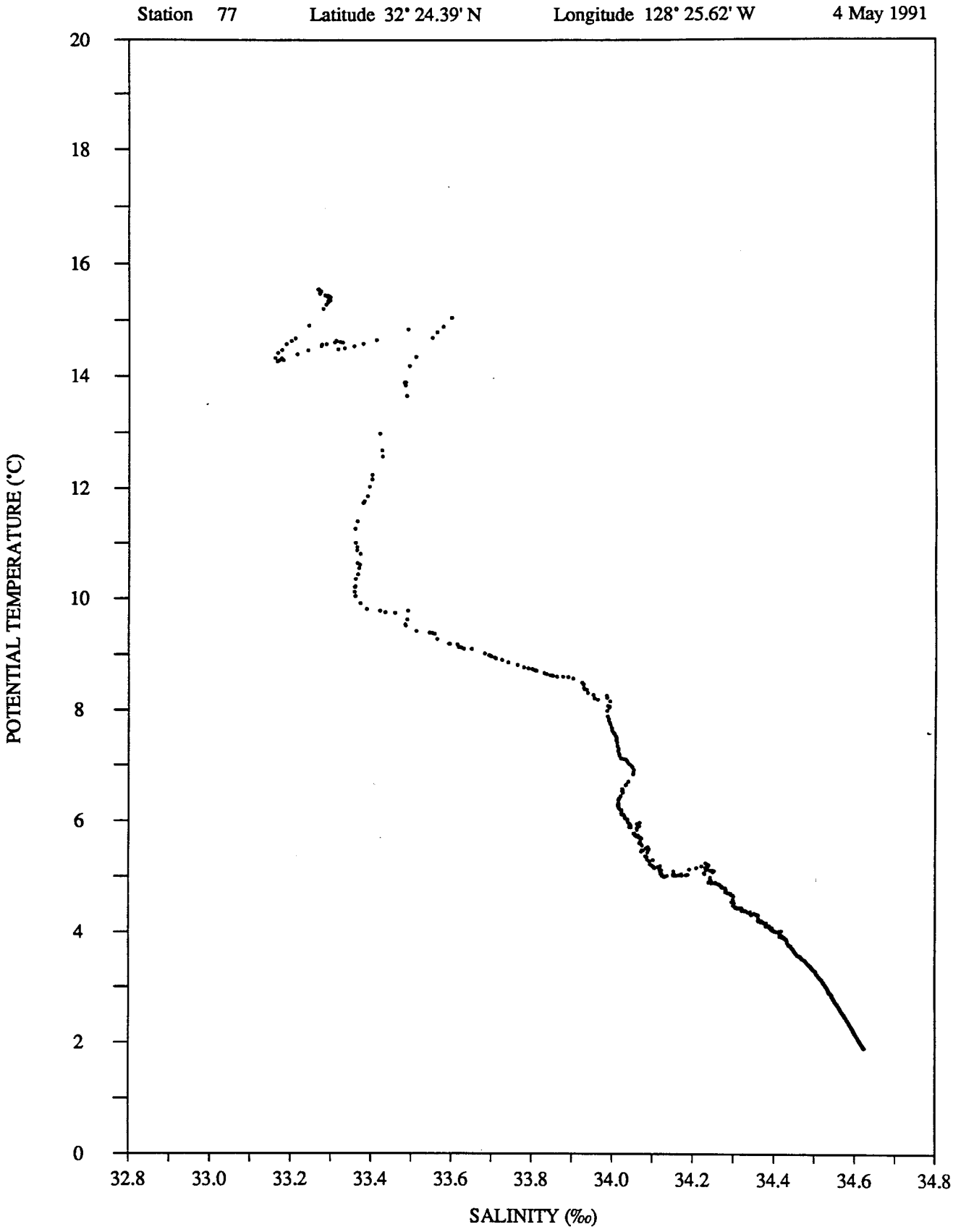
Station 77
Latitude 32° 24.39' N
Longitude 128° 25.62' W
4 May 1991
POTENTIAL TEMPERATURE (°C)
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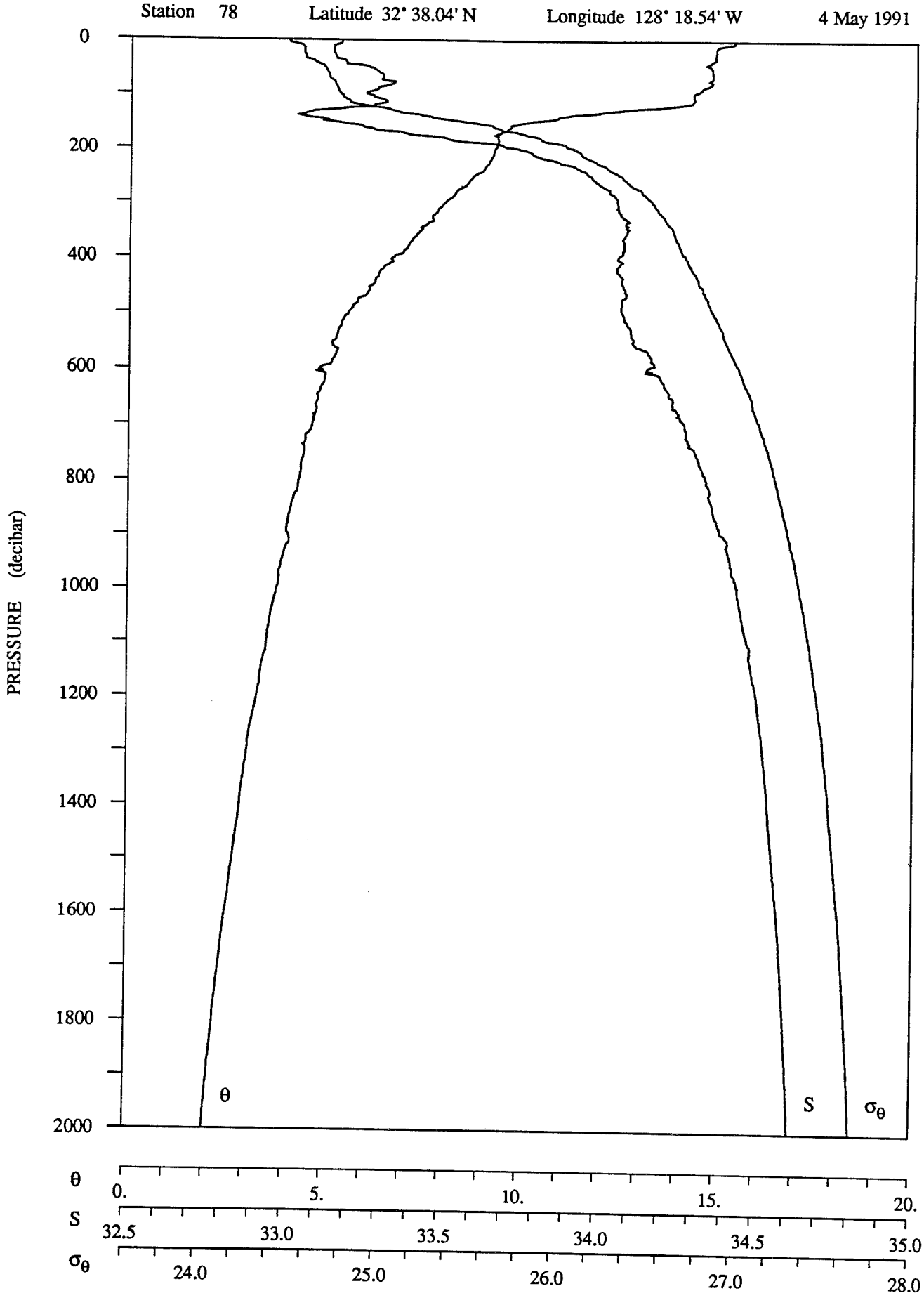
SALINITY (‰)


Station 78
Latitude 32° 38.04' N
Longitude 128° 18.54' W
4 May 1991
PRESSURE (decibar)
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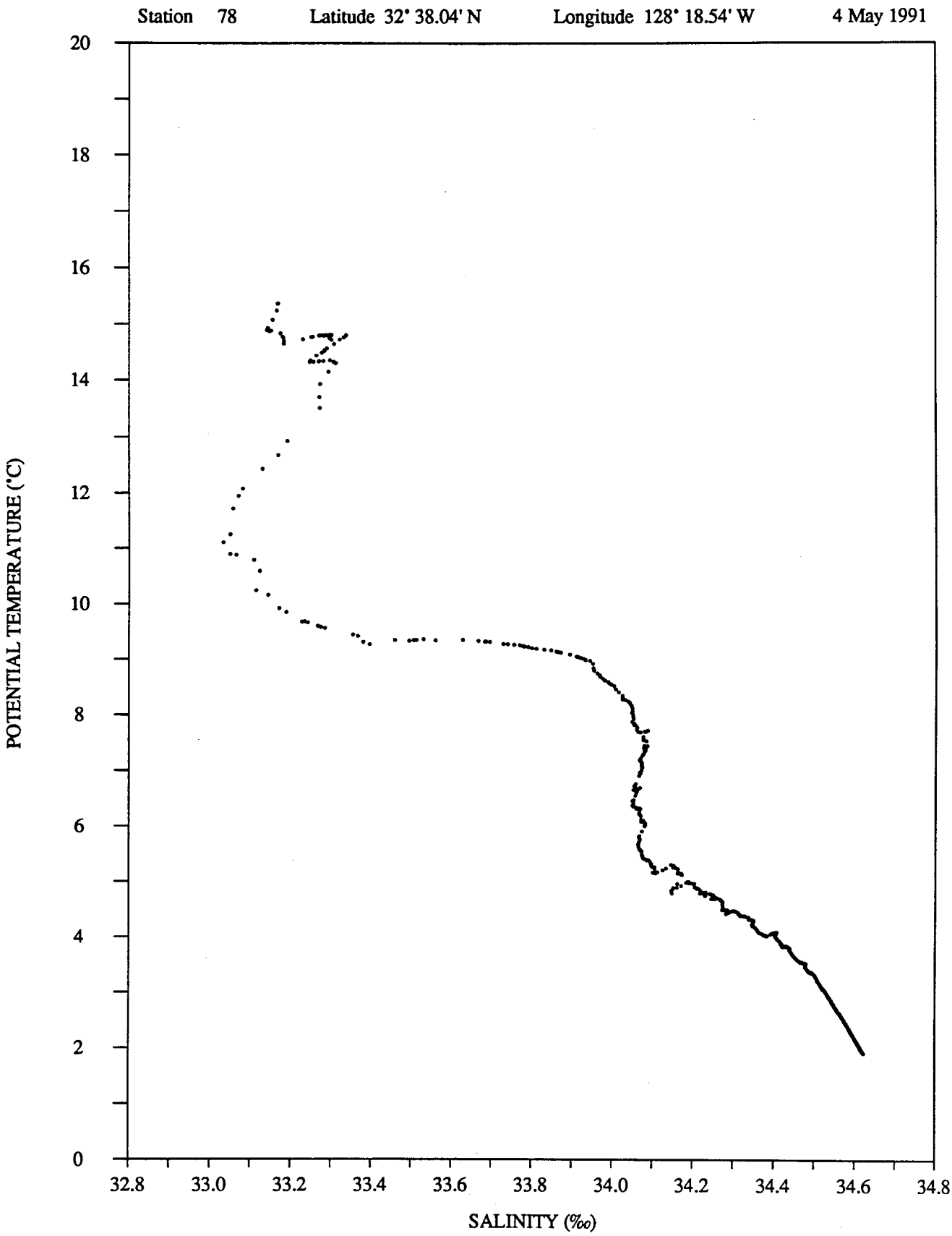
Station 78
Latitude 32° 38.04' N
Longitude 128° 18.54' W
4 May 1991
POTENTIAL TEMPERATURE (°C)
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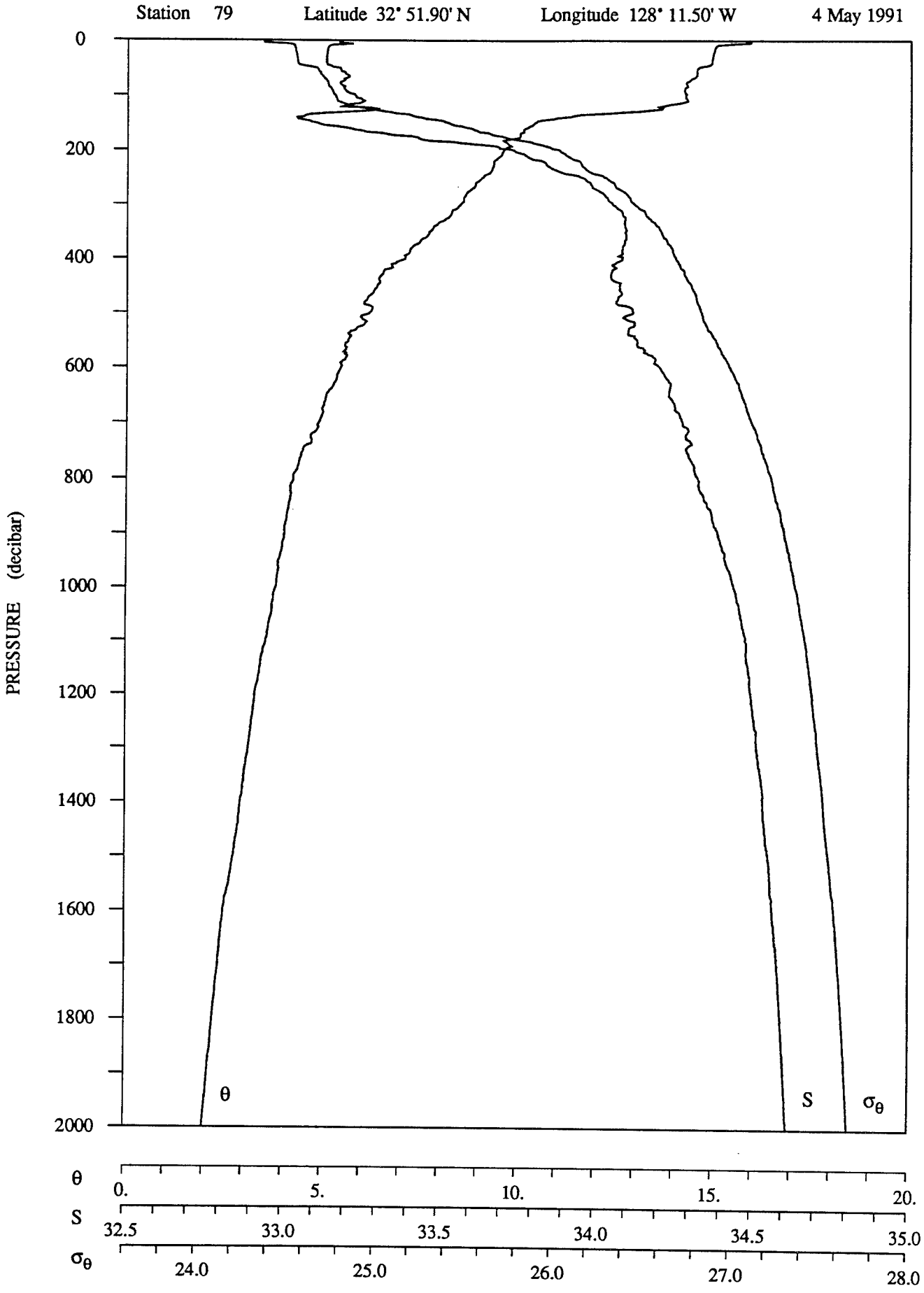
34.8
SALINITY (‰)


Station 79
Latitude 32° 51.90' N
Longitude 128° 11.50' W
4 May 1991
PRESSURE (decibar)
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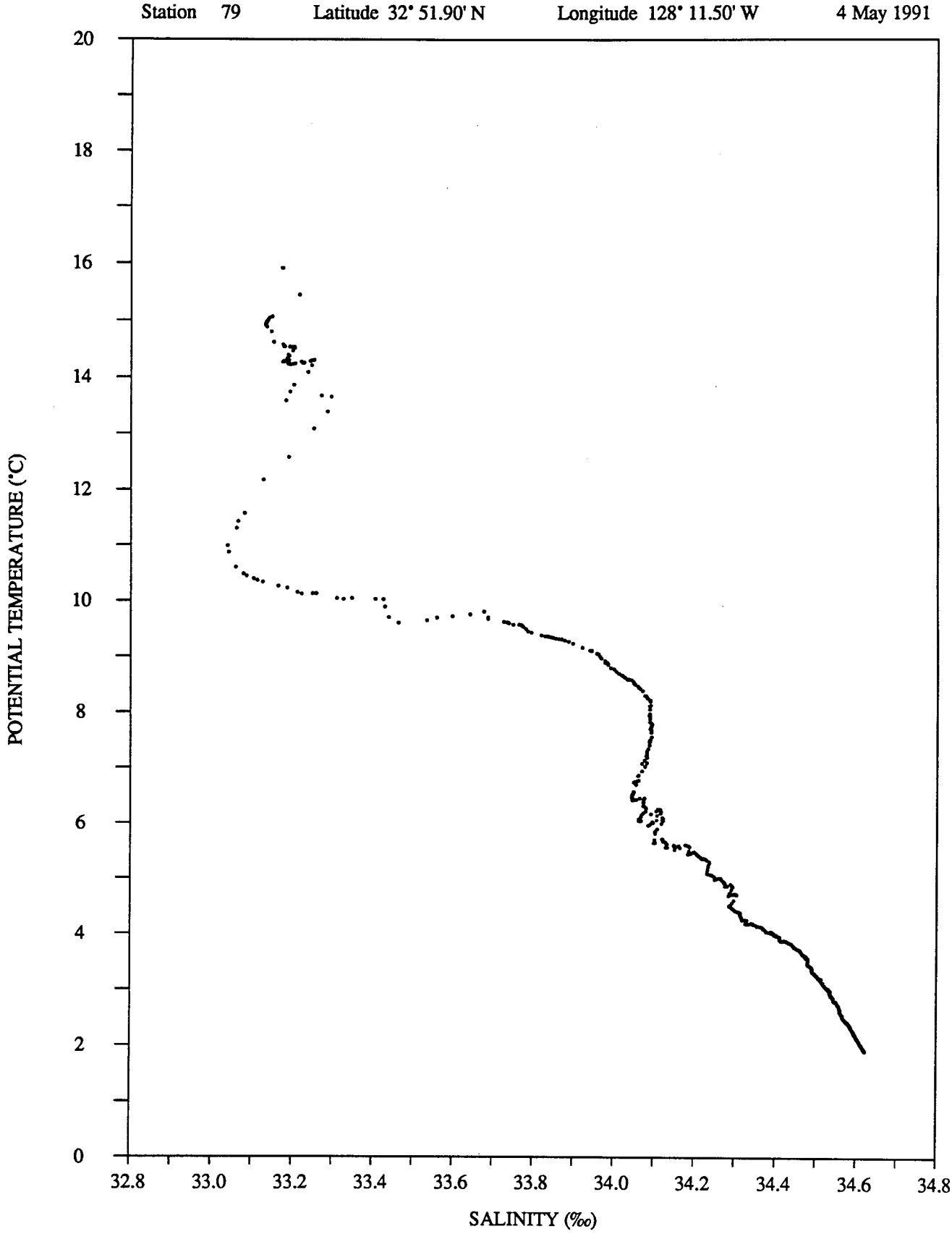
Station 79
Latitude 32° 51.90' N
Longitude 128° 11.50' W
4 May 1991
POTENTIAL TEMPERATURE (°C)
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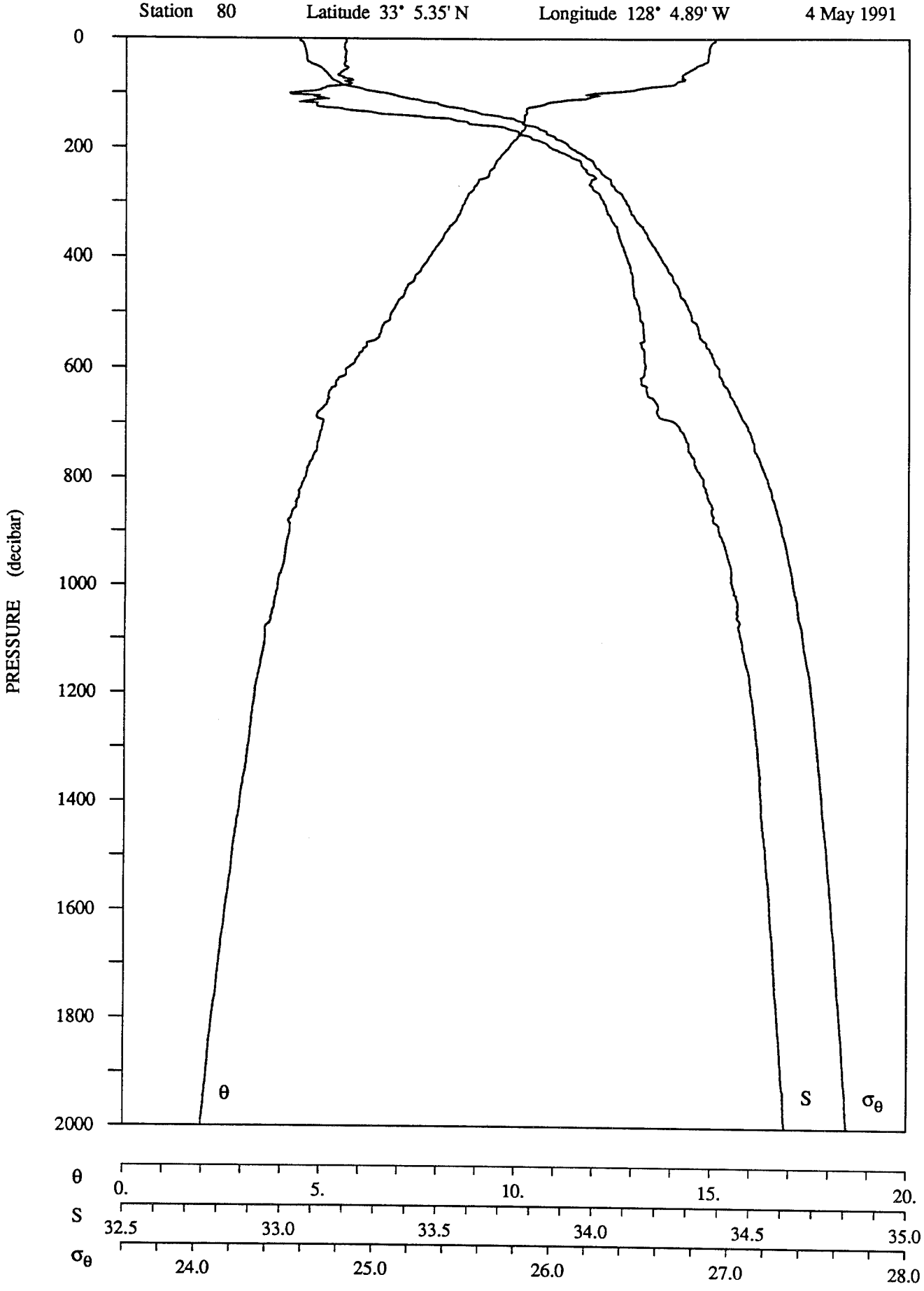
SALINITY (‰)


Station 80
Latitude 33° 5.35' N
Longitude 128° 4.89' W
4 May 1991
PRESSURE (decibar)
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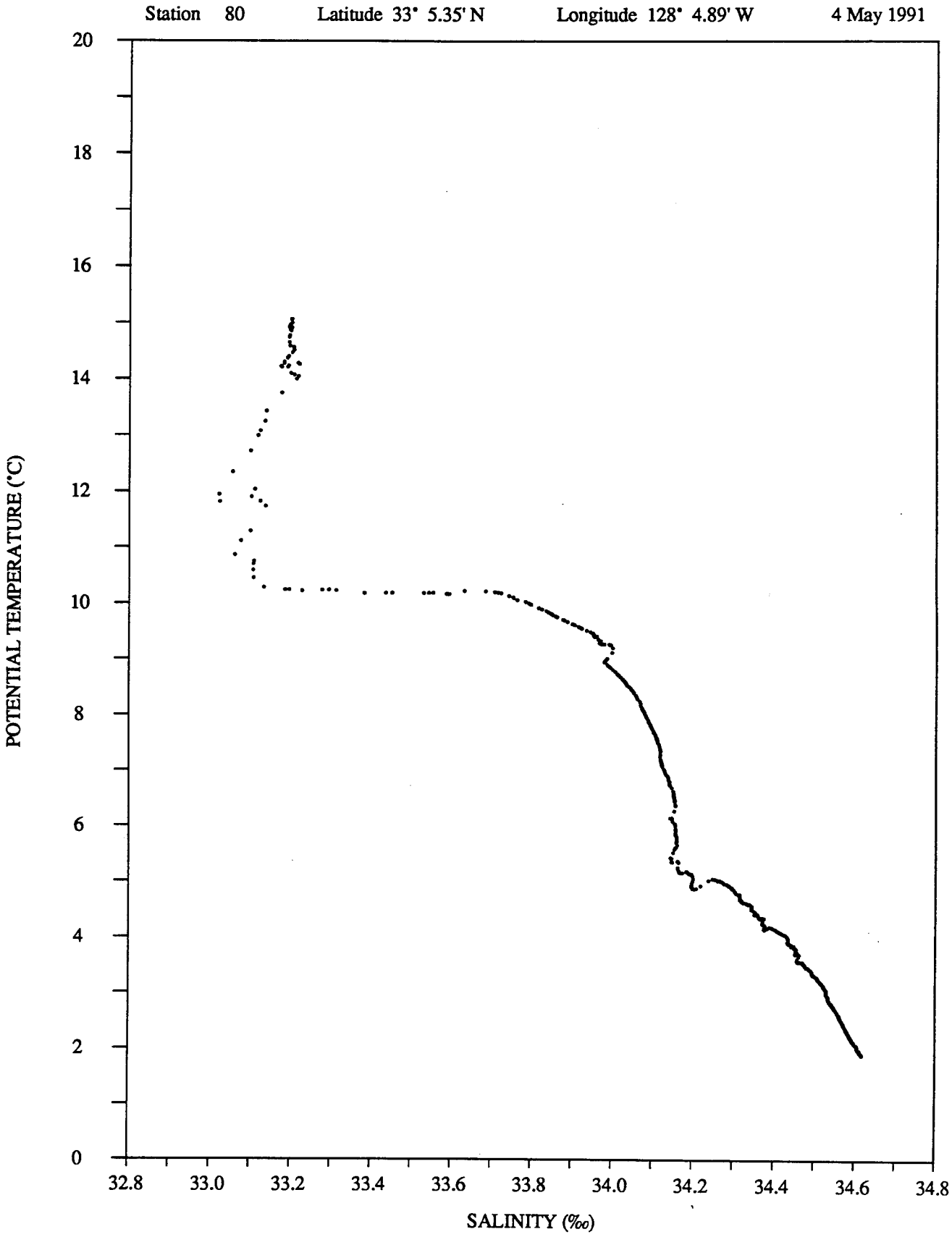
Station 80
Latitude 33° 5.35' N
Longitude 128° 4.89' W
4 May 1991
POTENTIAL TEMPERATURE (°C)
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32.8
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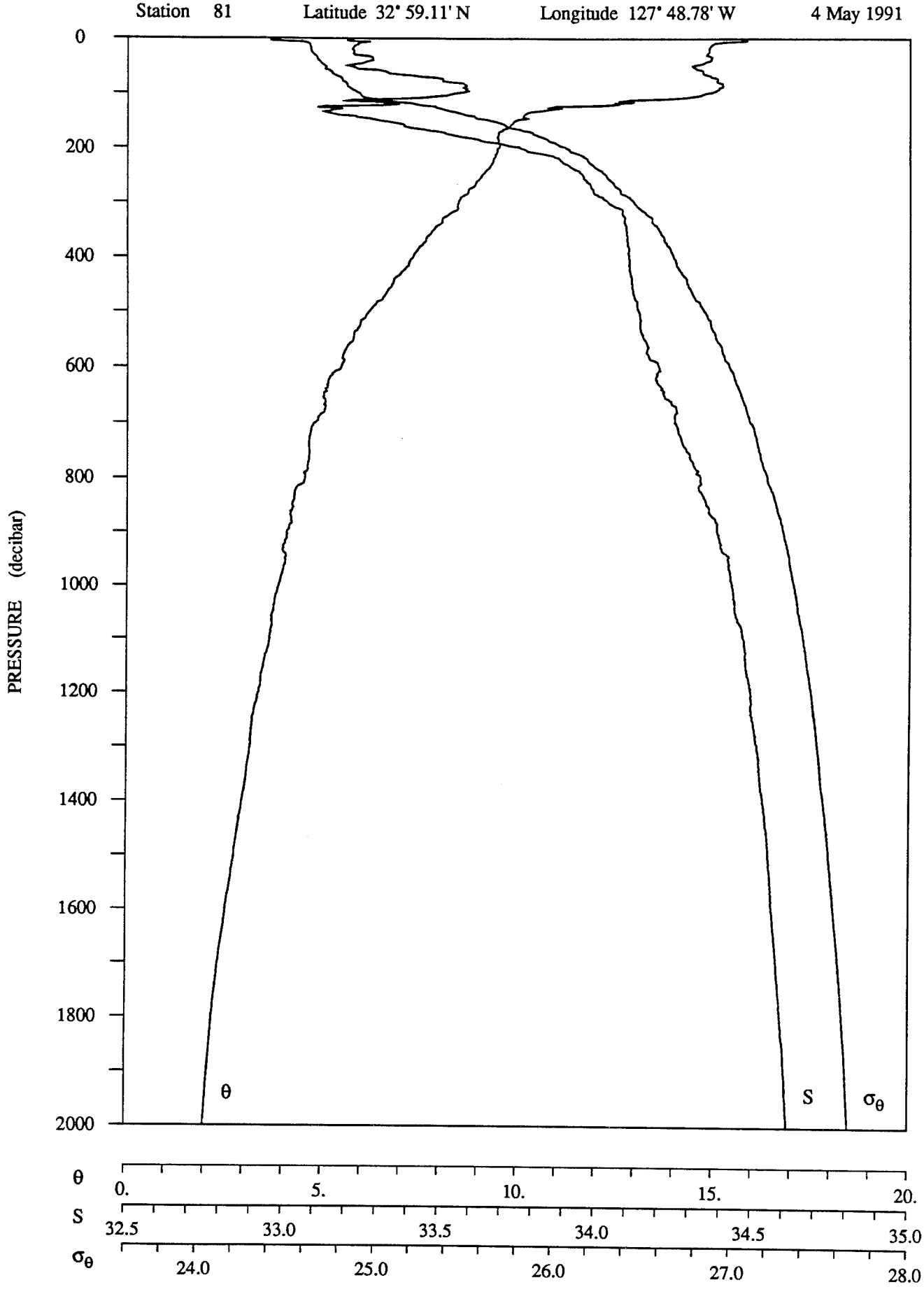
34.6
34.8
SALINITY (‰)


Station 81
Latitude 32° 59.11' N
Longitude 127° 48.78' W
4 May 1991
PRESSURE (decibar)
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1400
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24.0
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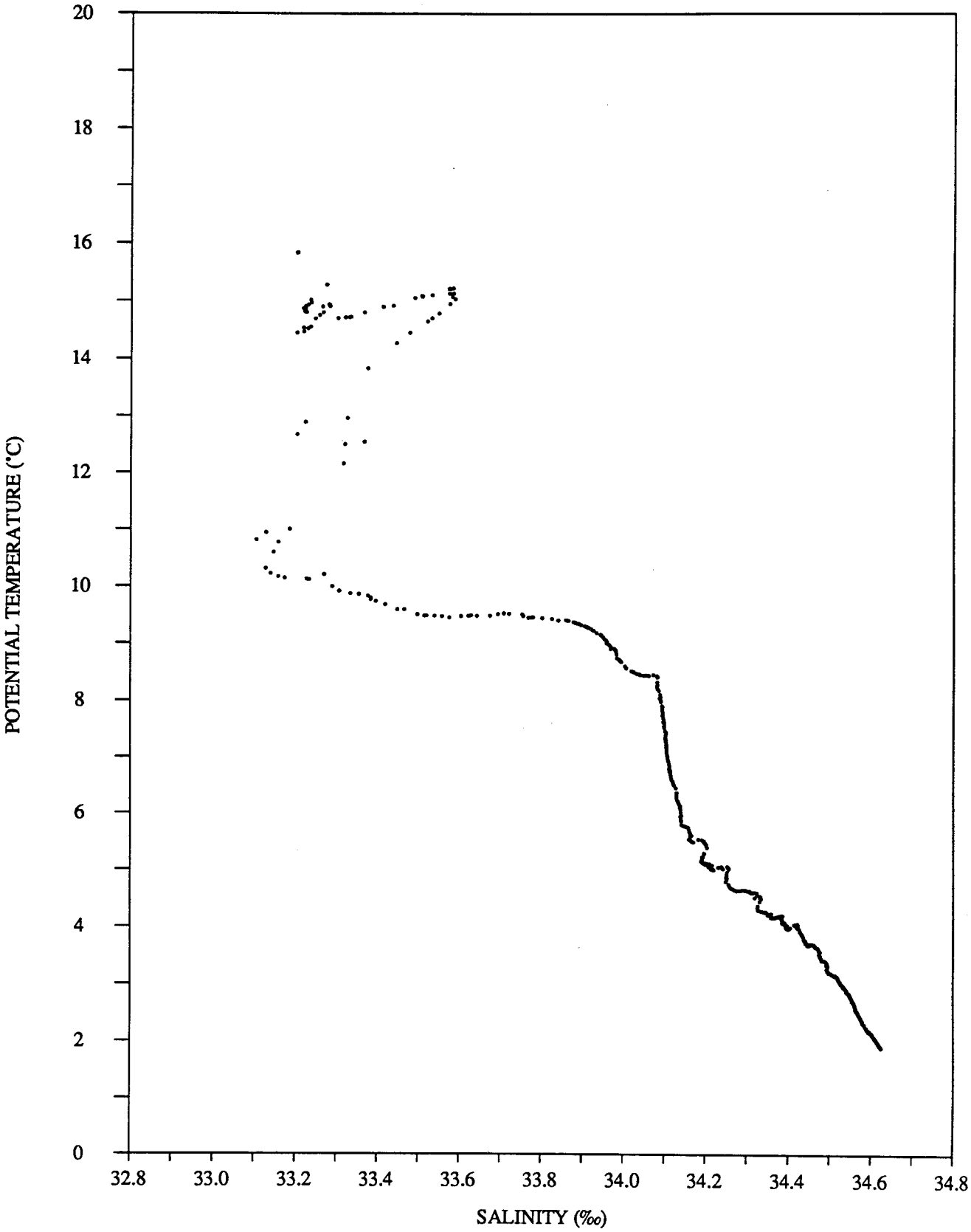
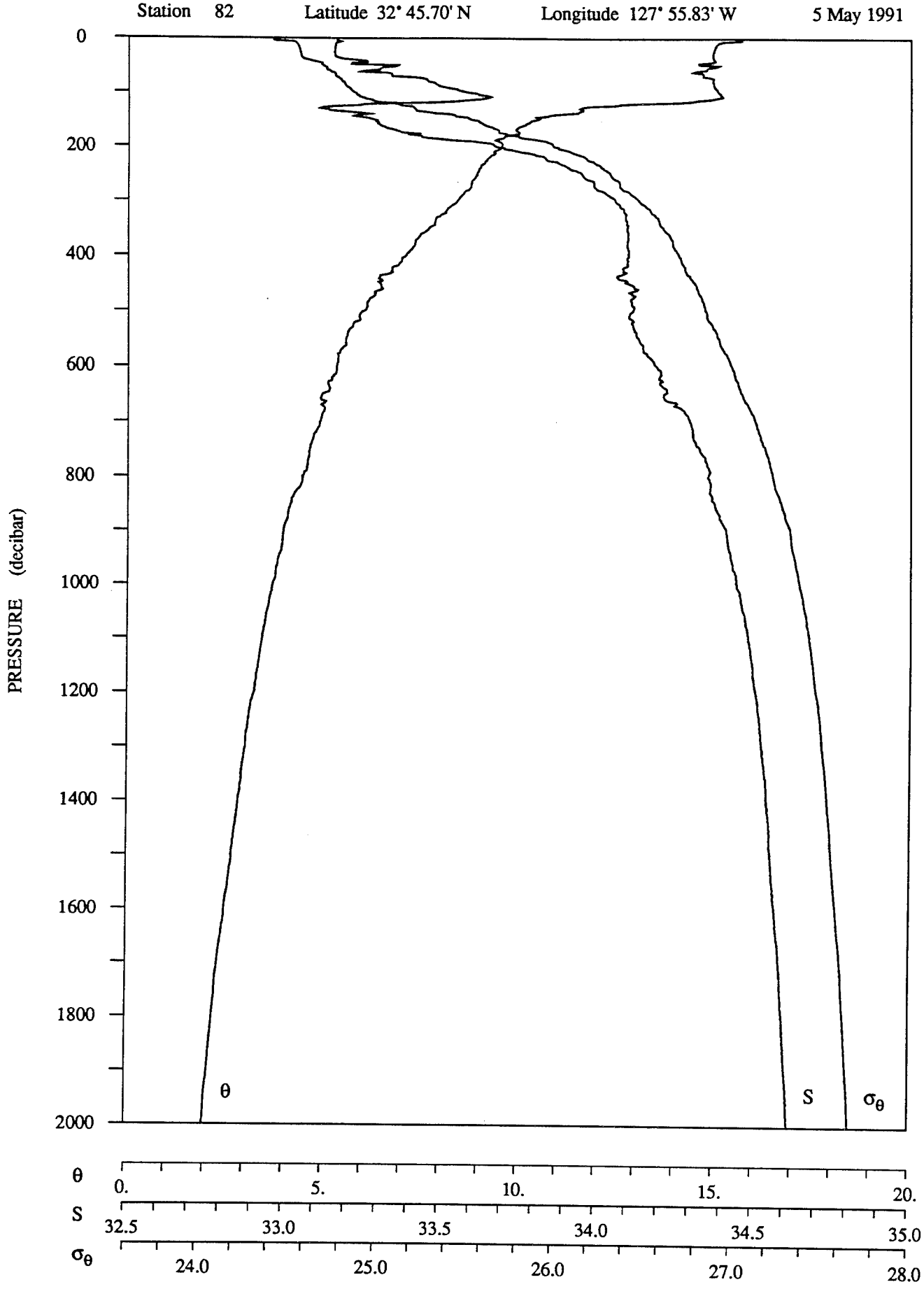
27.0
28.0

Station 81 Latitude 32° 59.11' N Longitude 127° 48.78' W 4 May 1991




Station 82
Latitude 32° 45.70' N
Longitude 127° 55.83' W
5 May 1991
PRESSURE (decibar)
0
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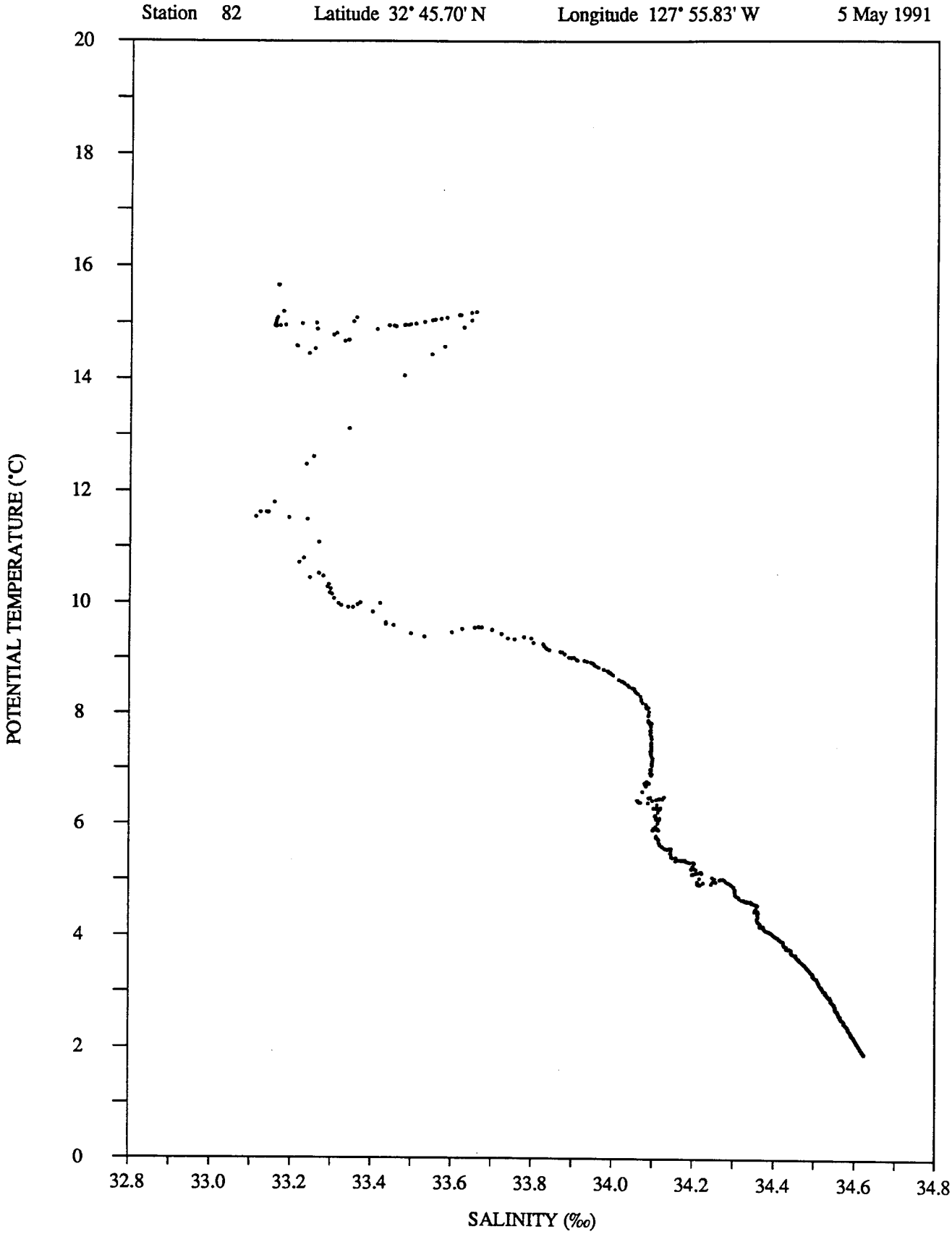
Station 82
Latitude 32° 45.70' N
Longitude 127° 55.83' W
5 May 1991
POTENTIAL TEMPERATURE (°C)
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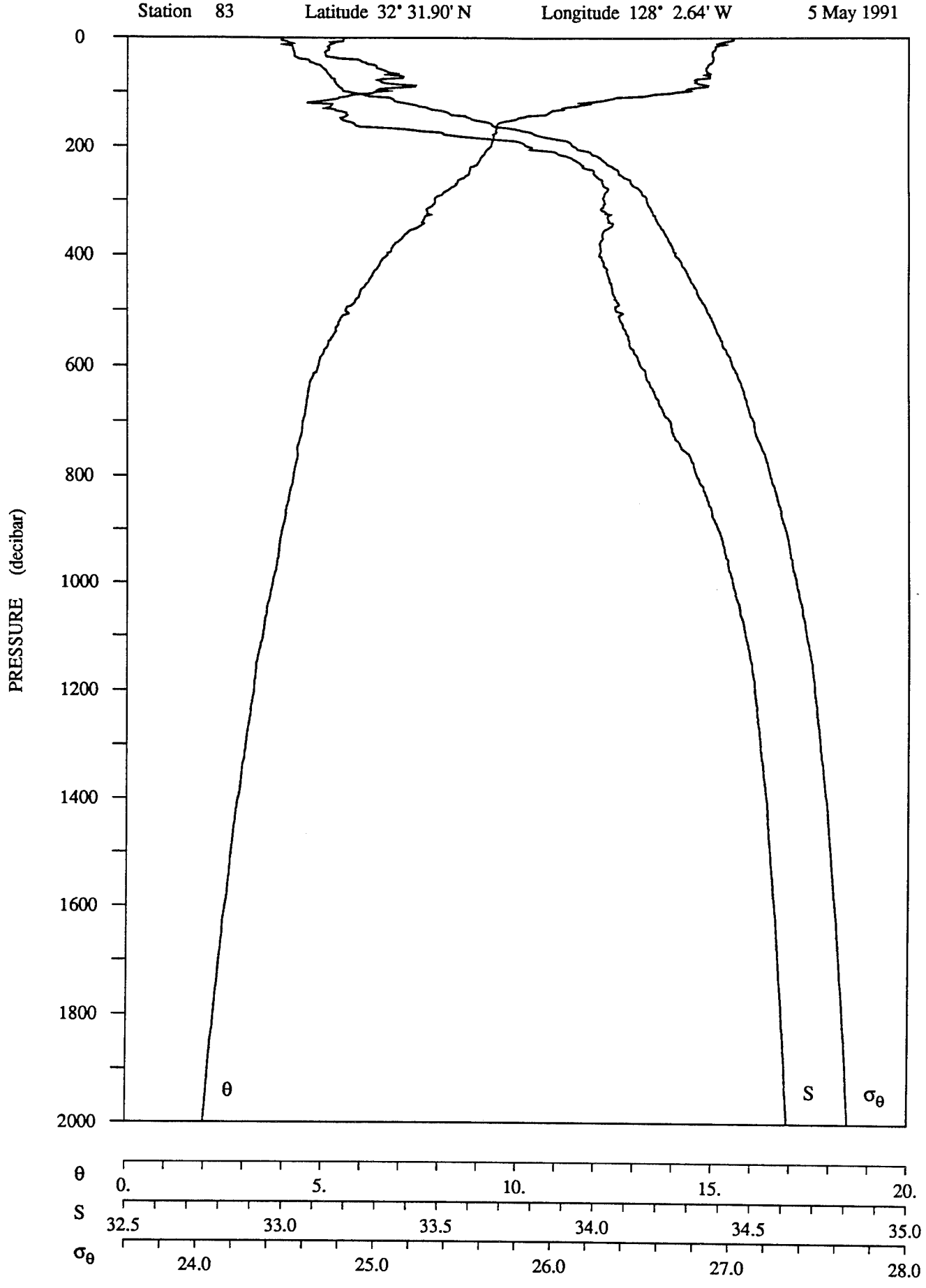
34.8
SALINITY (‰)


Station 83
Latitude 32° 31.90' N
Longitude 128° 2.64' W
5 May 1991
PRESSURE (decibar)
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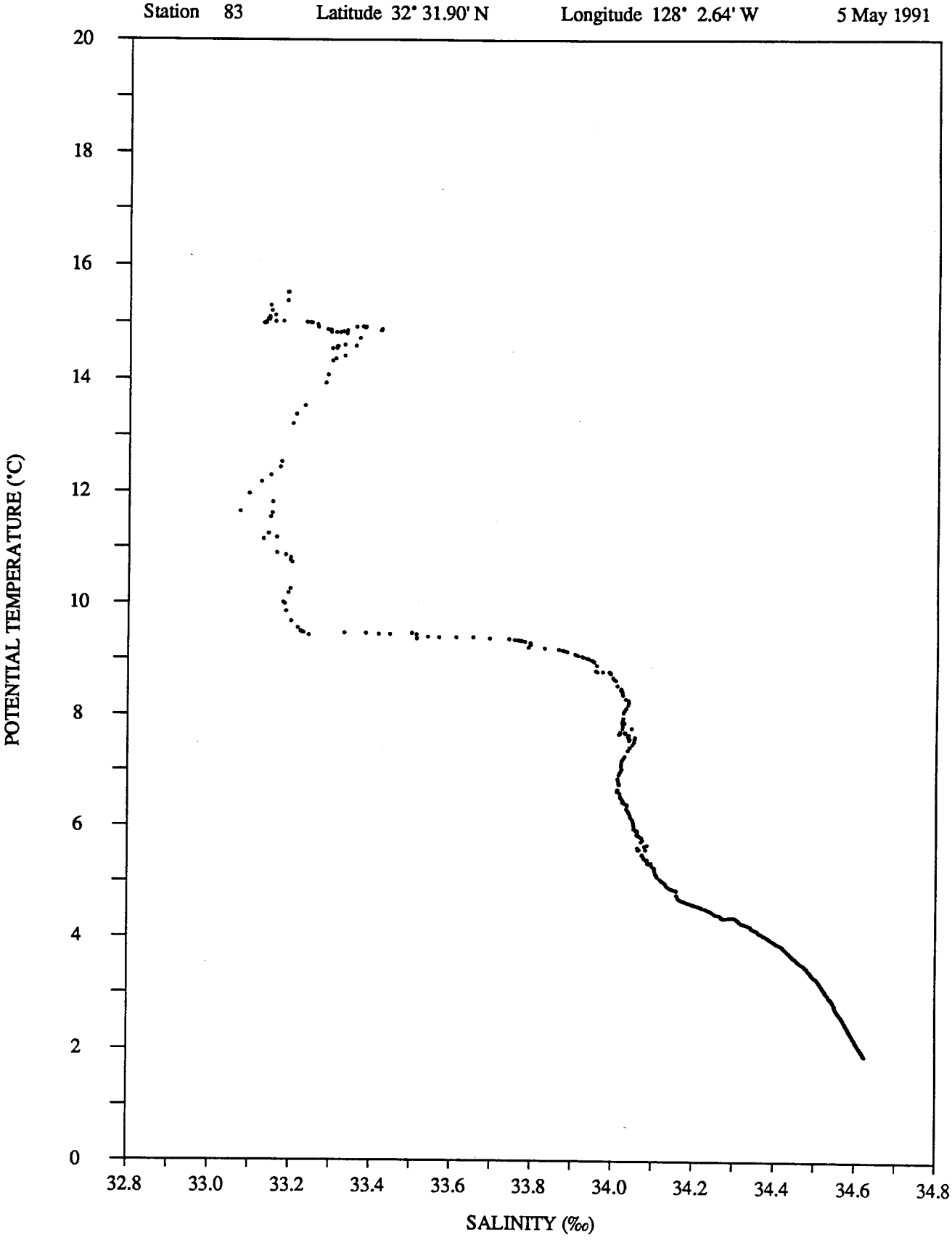
Station 83
Latitude 32° 31.90' N
Longitude 128° 2.64' W
5 May 1991
POTENTIAL TEMPERATURE (°C)
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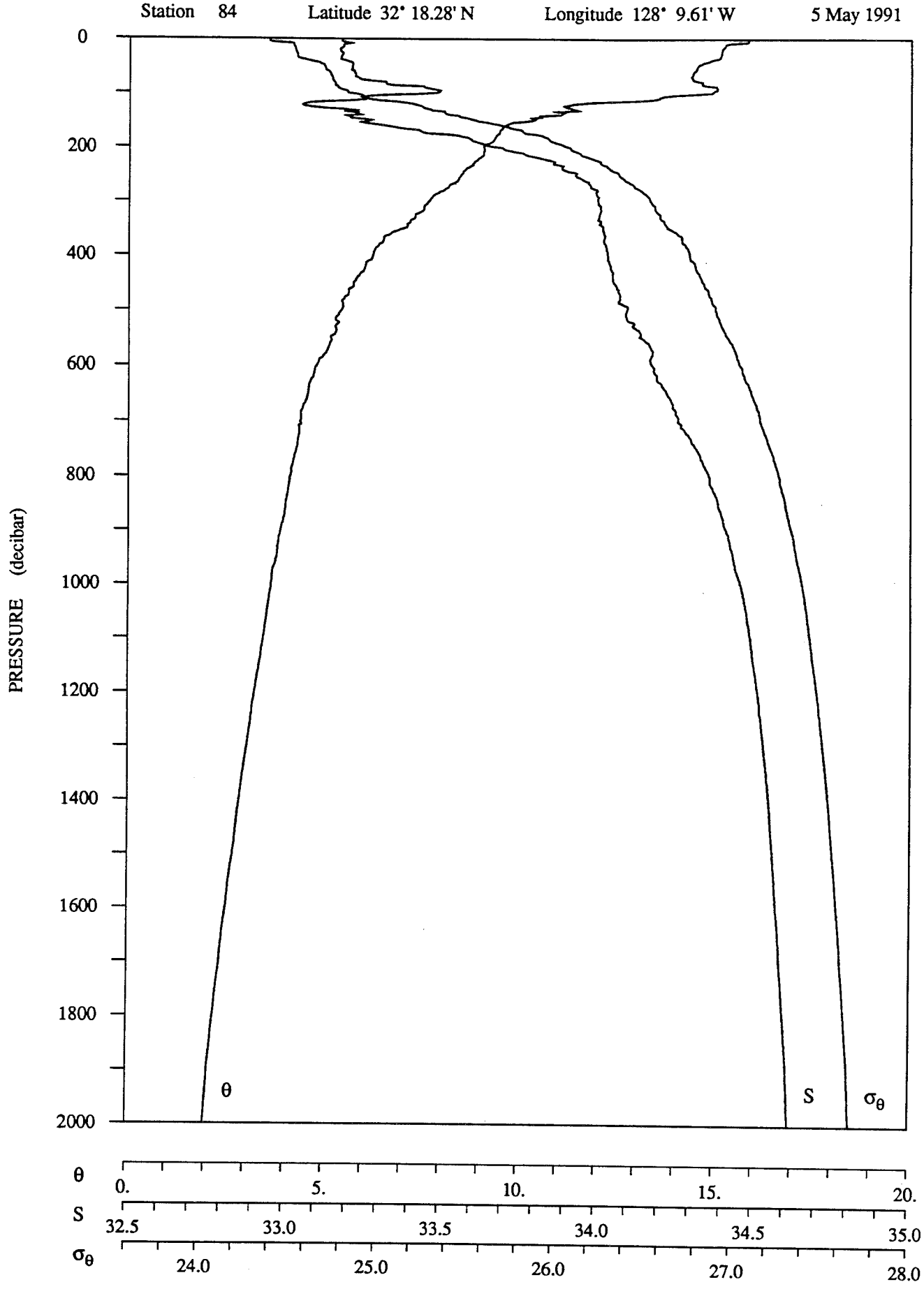
SALINITY (‰)


Station 84
Latitude 32° 18.28' N
Longitude 128° 9.61' W
5 May 1991
PRESSURE (decibar)
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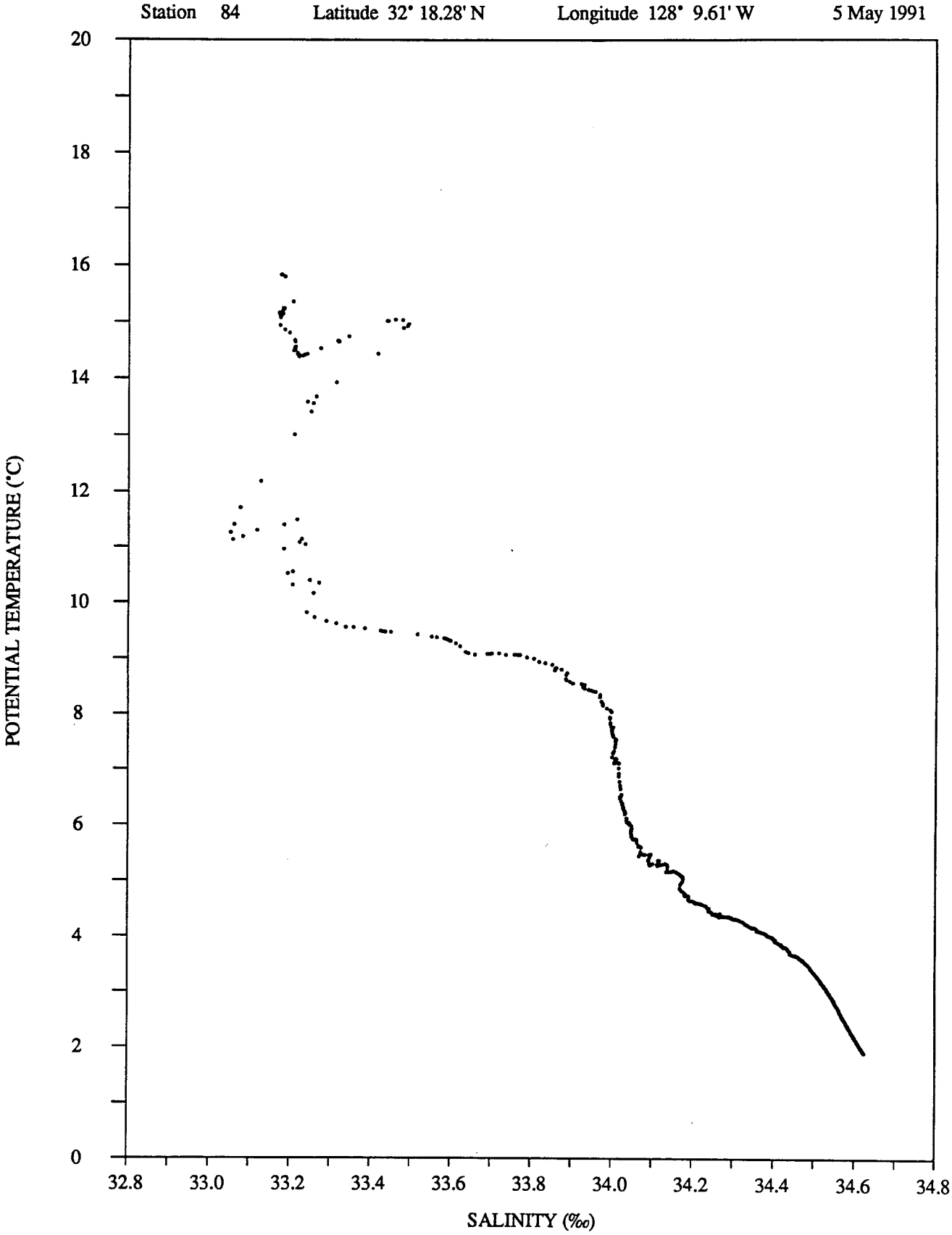
Station 84
Latitude 32° 18.28' N
Longitude 128° 9.61' W
5 May 1991
POTENTIAL TEMPERATURE (°C)
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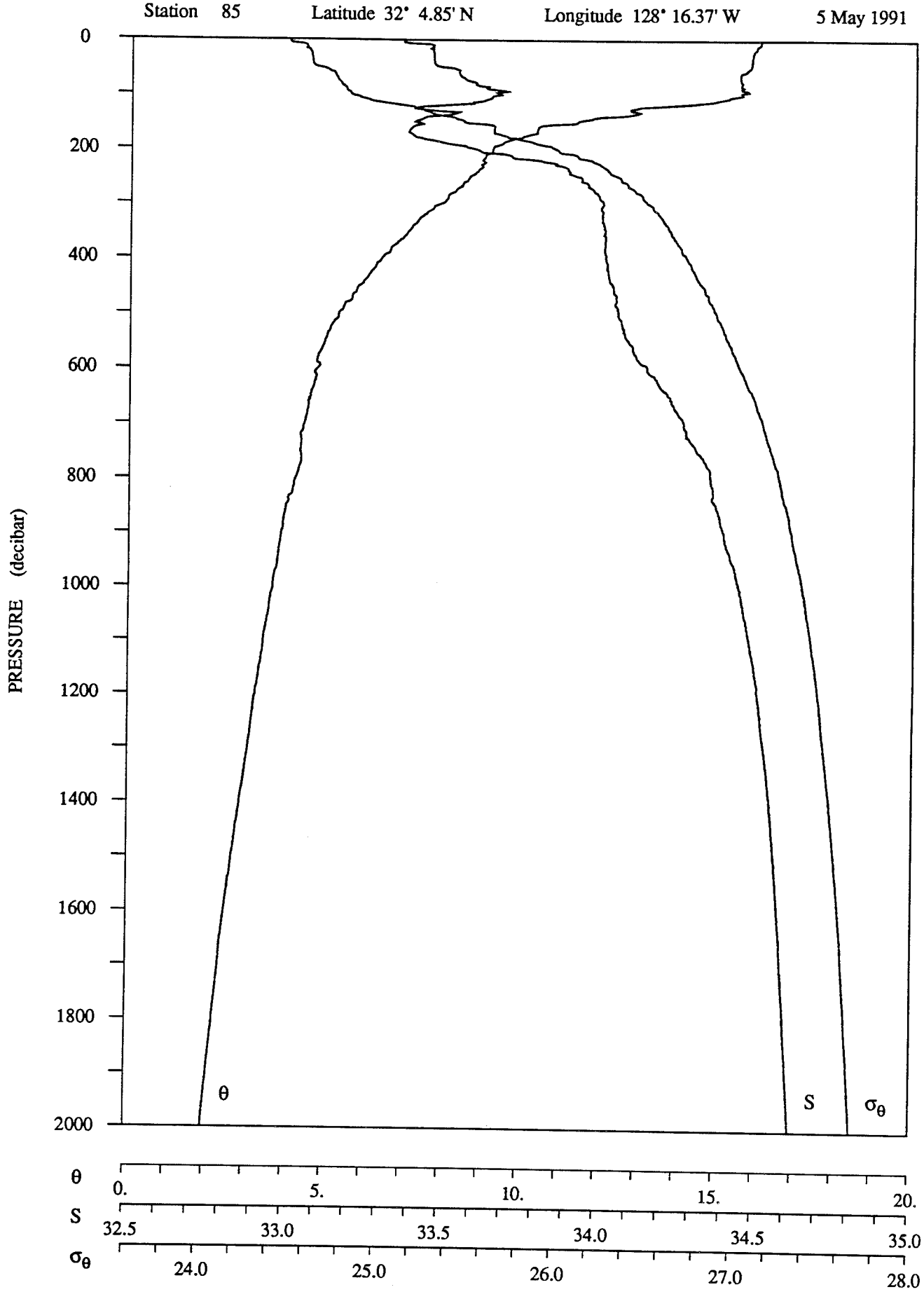
SALINITY (‰)


Station 85
Latitude 32° 4.85' N
Longitude 128° 16.37' W
5 May 1991
PRESSURE (decibar)
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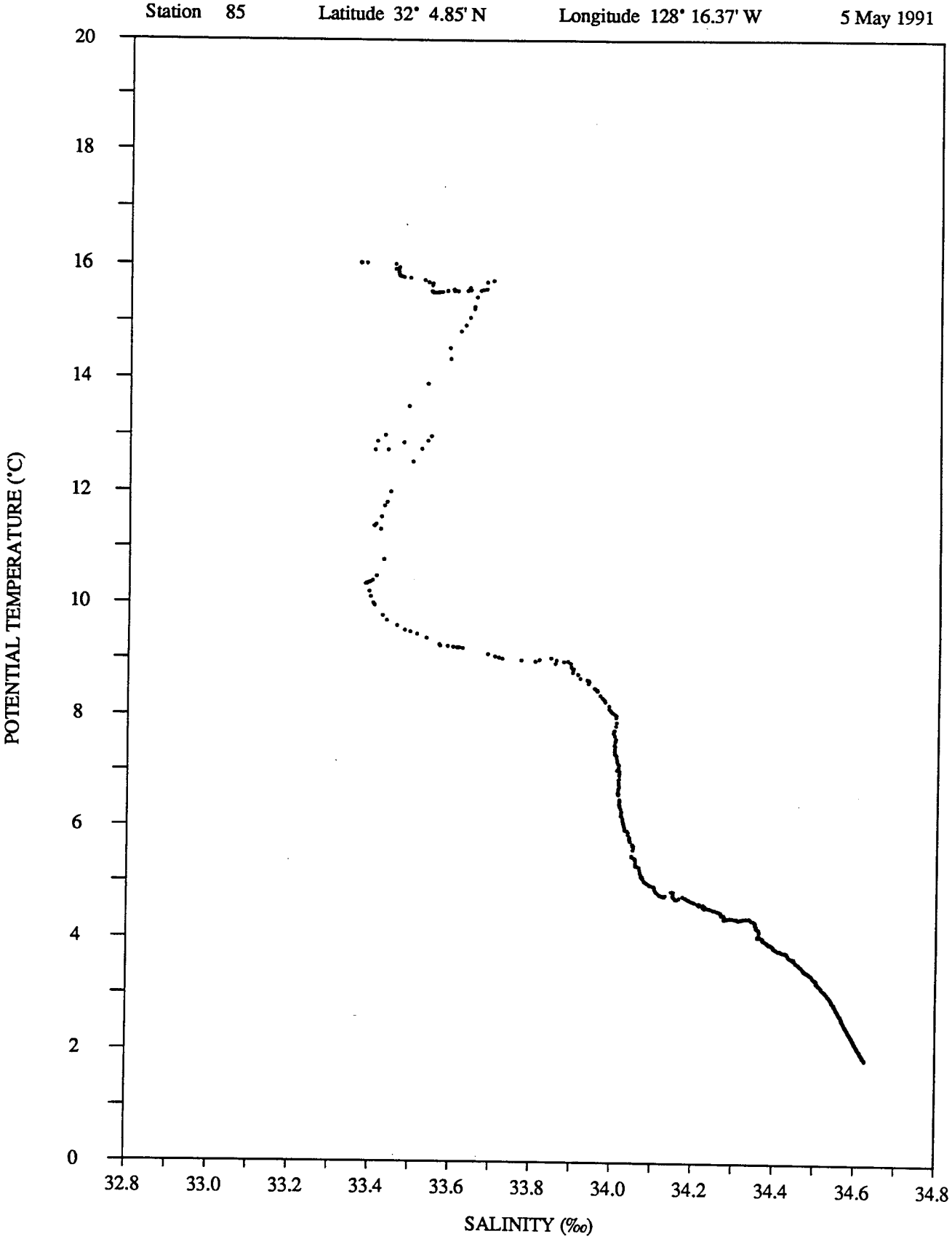
Station 85
Latitude 32° 4.85' N
Longitude 128° 16.37' W
5 May 1991
POTENTIAL TEMPERATURE (°C)
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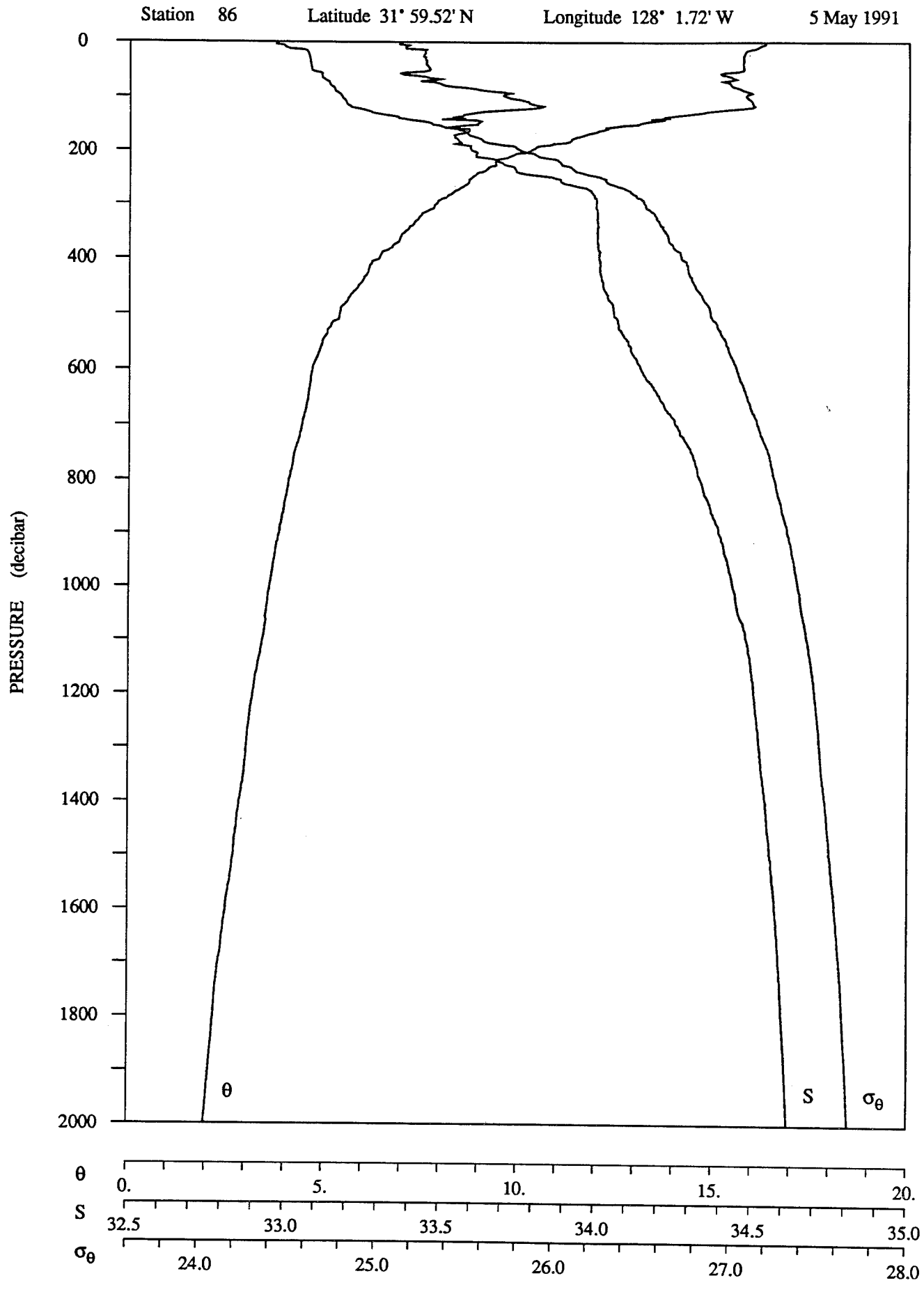
SALINITY (‰)


Station 86
Latitude 31° 59.52' N
Longitude 128° 1.72' W
5 May 1991
PRESSURE (decibar)
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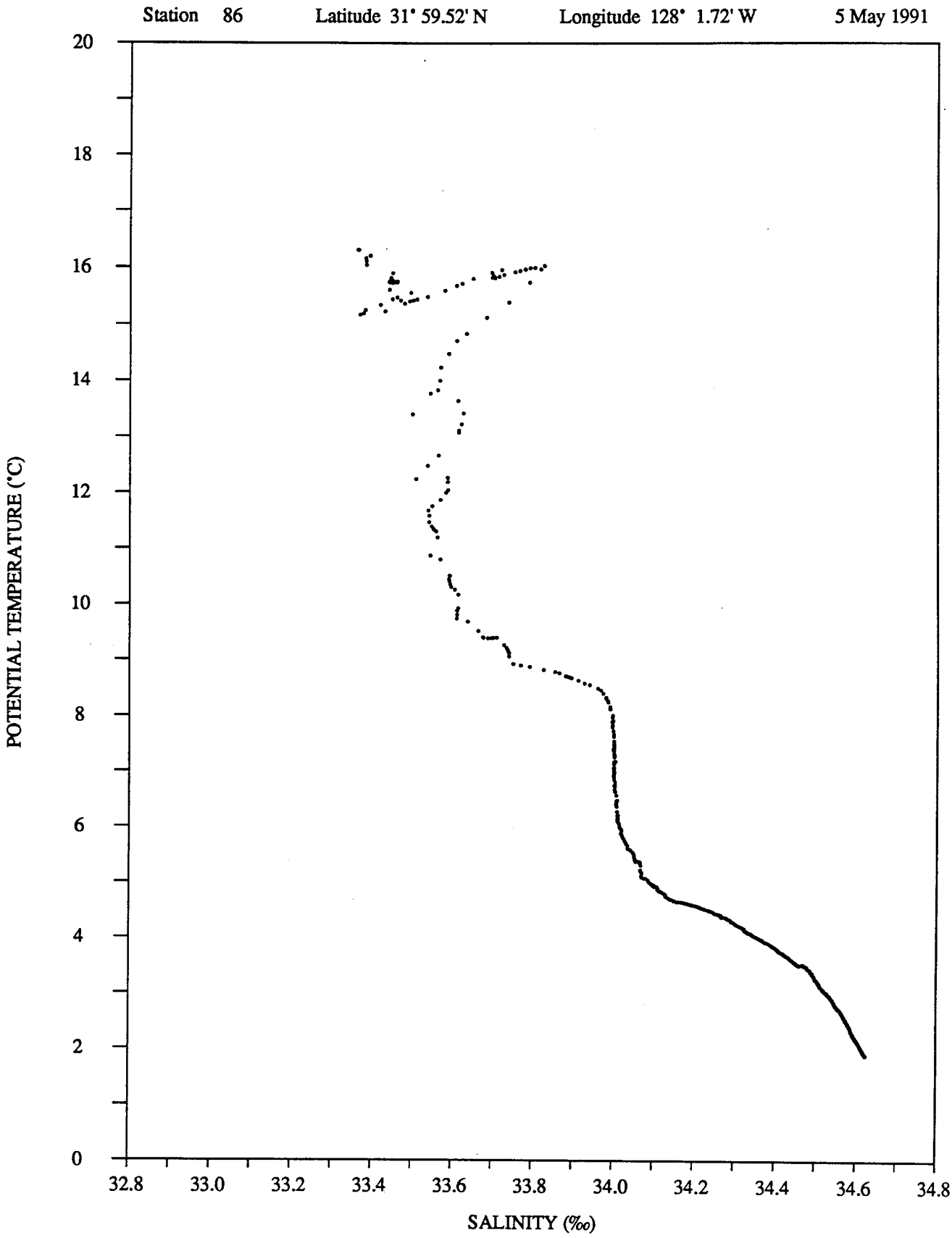
Station 86
Latitude 31° 59.52' N
Longitude 128° 1.72' W
5 May 1991
POTENTIAL TEMPERATURE (°C)
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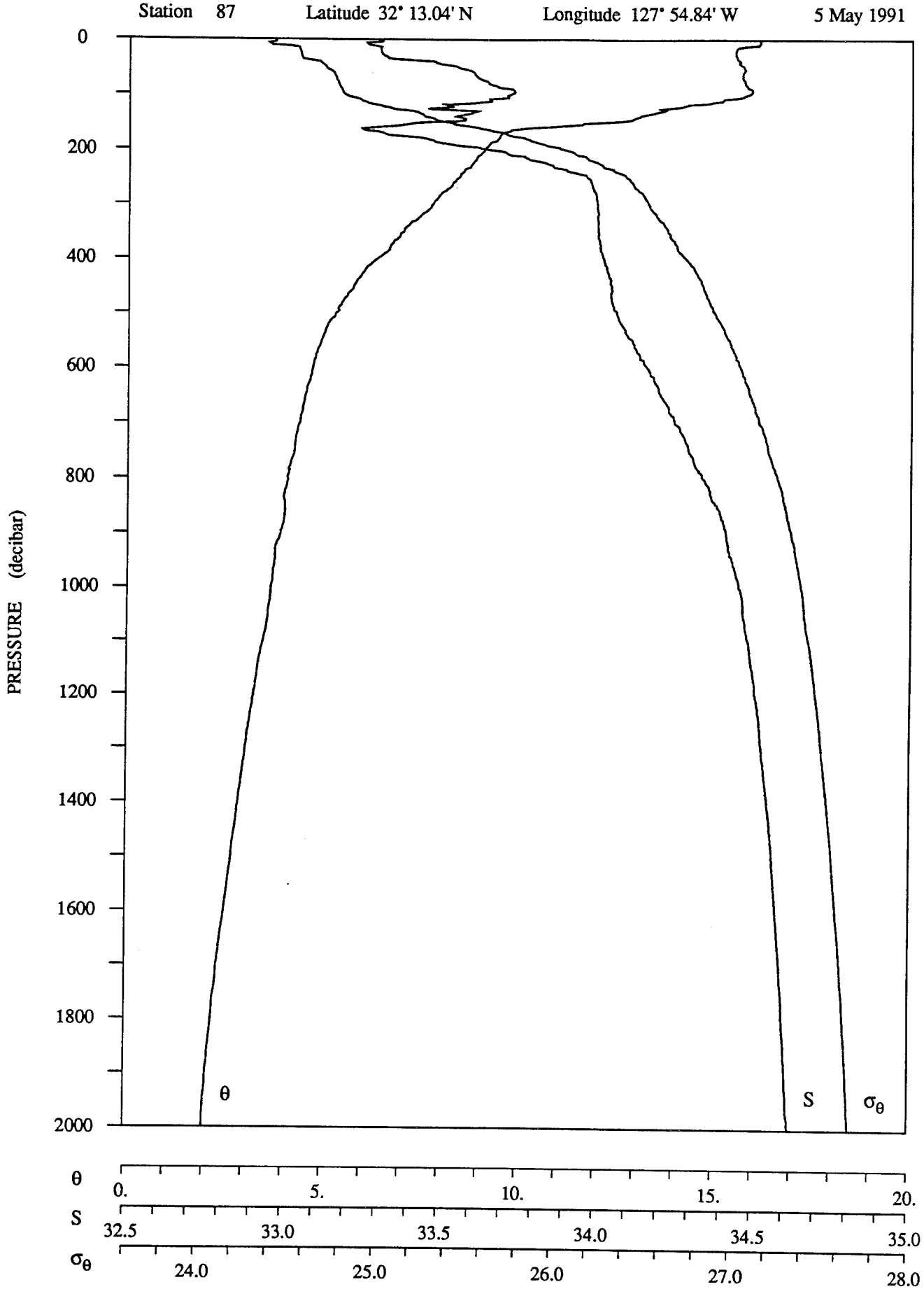
34.8
SALINITY (‰)


Station 87
Latitude 32° 13.04' N
Longitude 127° 54.84' W
5 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
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32.5
33.0
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35.0
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26.0
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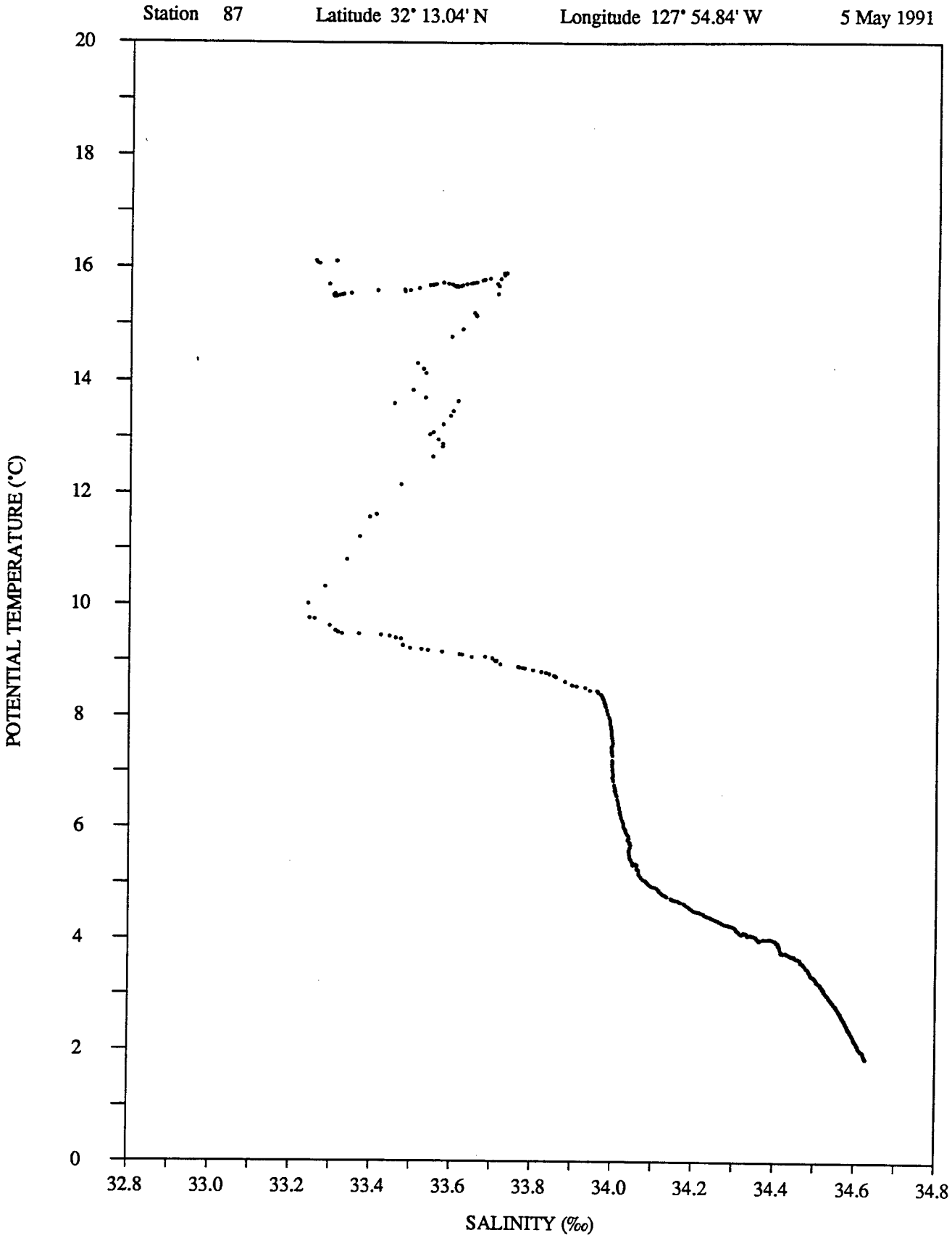
Station 87
Latitude 32° 13.04' N
Longitude 127° 54.84' W
5 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
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12
10
8
6
4
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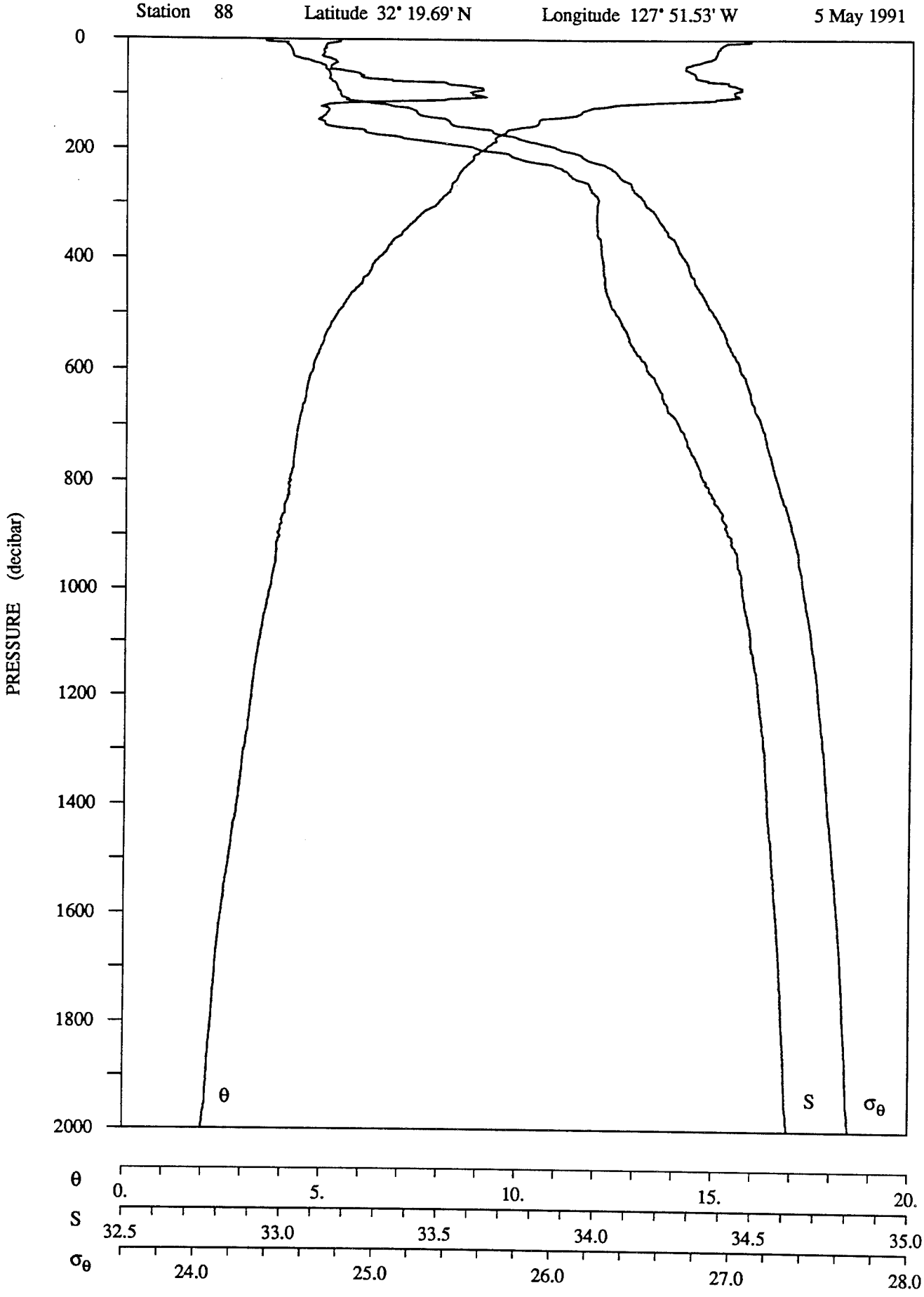
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 88
Latitude 32° 19.69' N
Longitude 127° 51.53' W
5 May 1991
PRESSURE (decibar)
0
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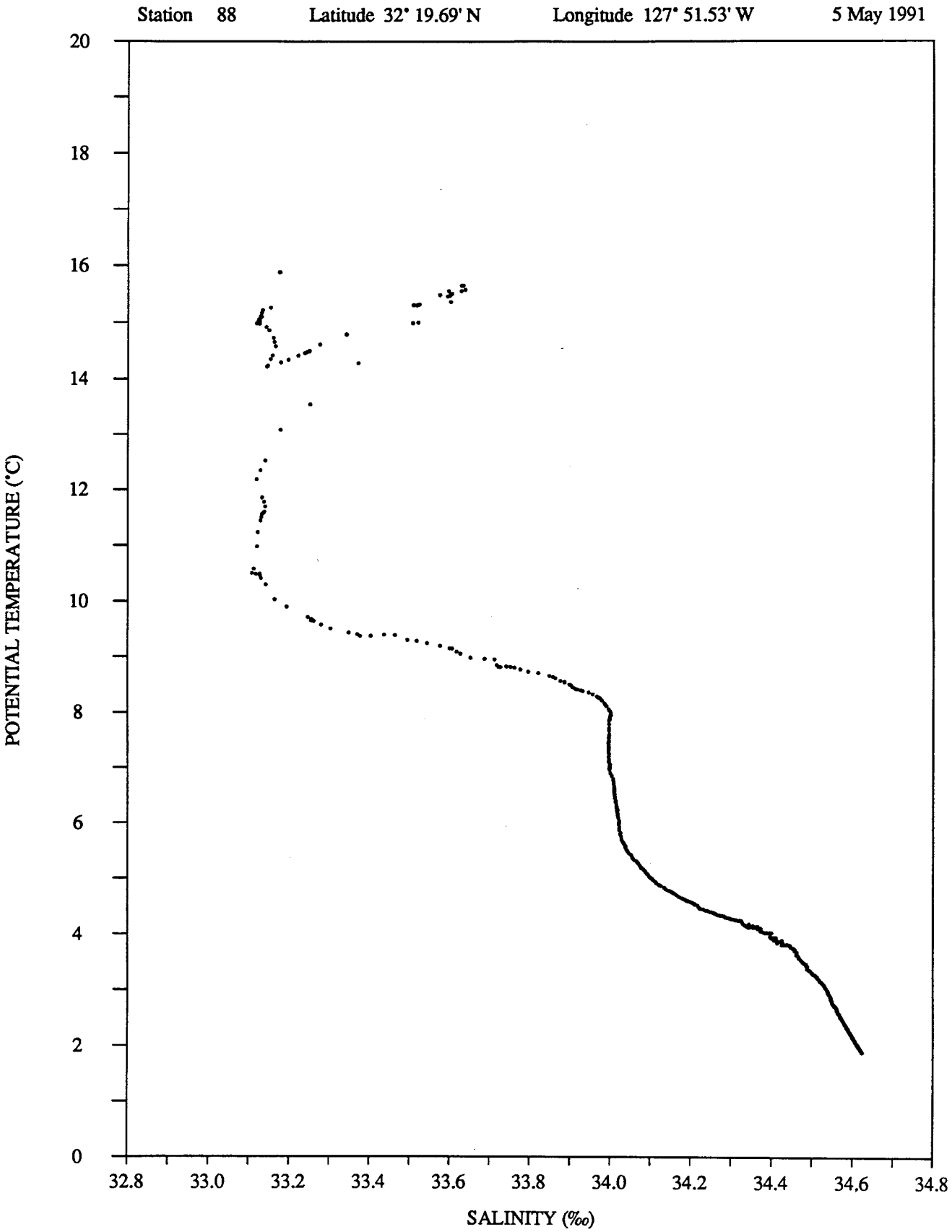
Station 88
Latitude 32° 19.69' N
Longitude 127° 51.53' W
5 May 1991
POTENTIAL TEMPERATURE (°C)
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32.8
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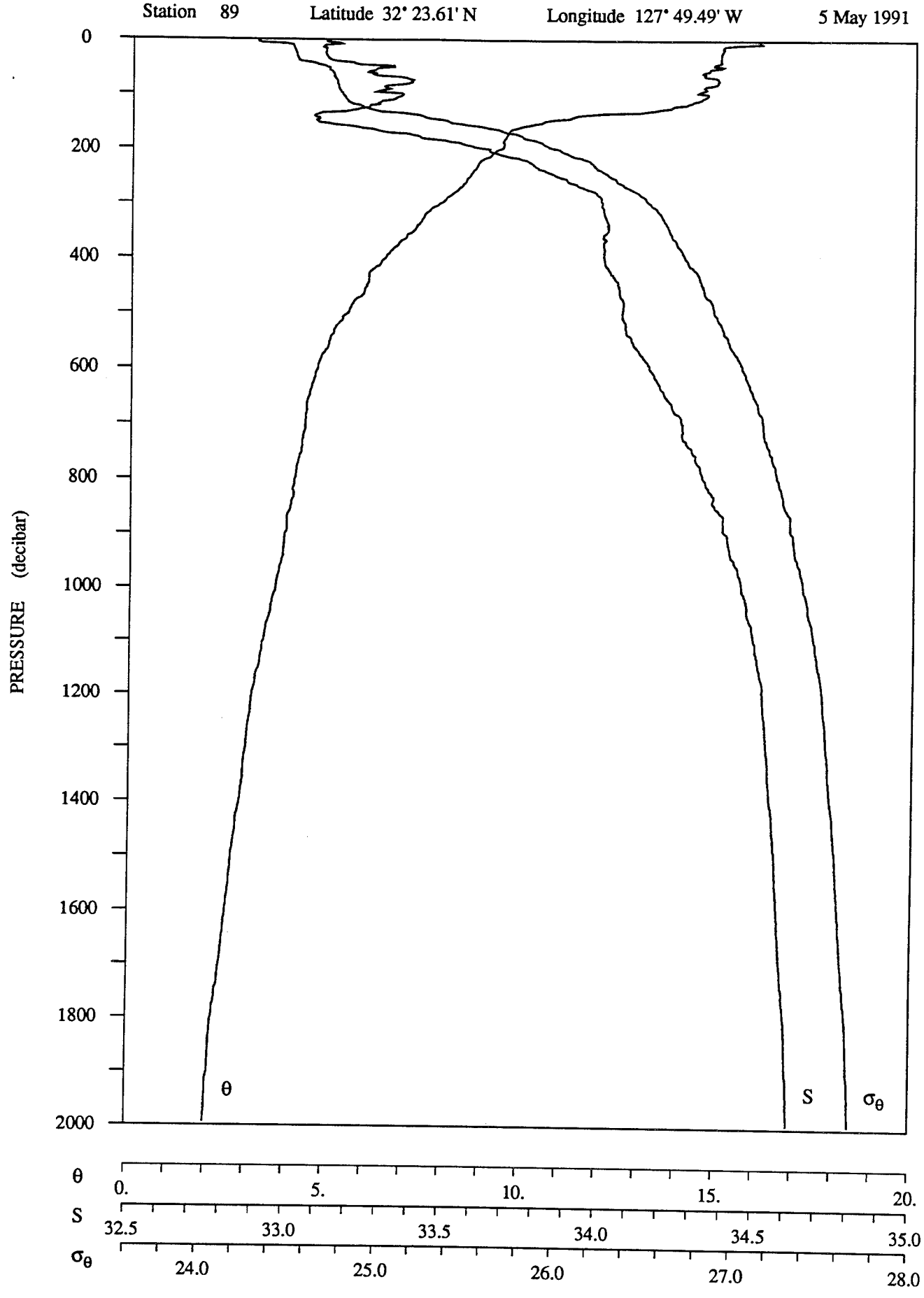
34.4
34.6
34.8
SALINITY (‰)


Station 89
Latitude 32° 23.61' N
Longitude 127° 49.49' W
5 May 1991
PRESSURE (decibar)
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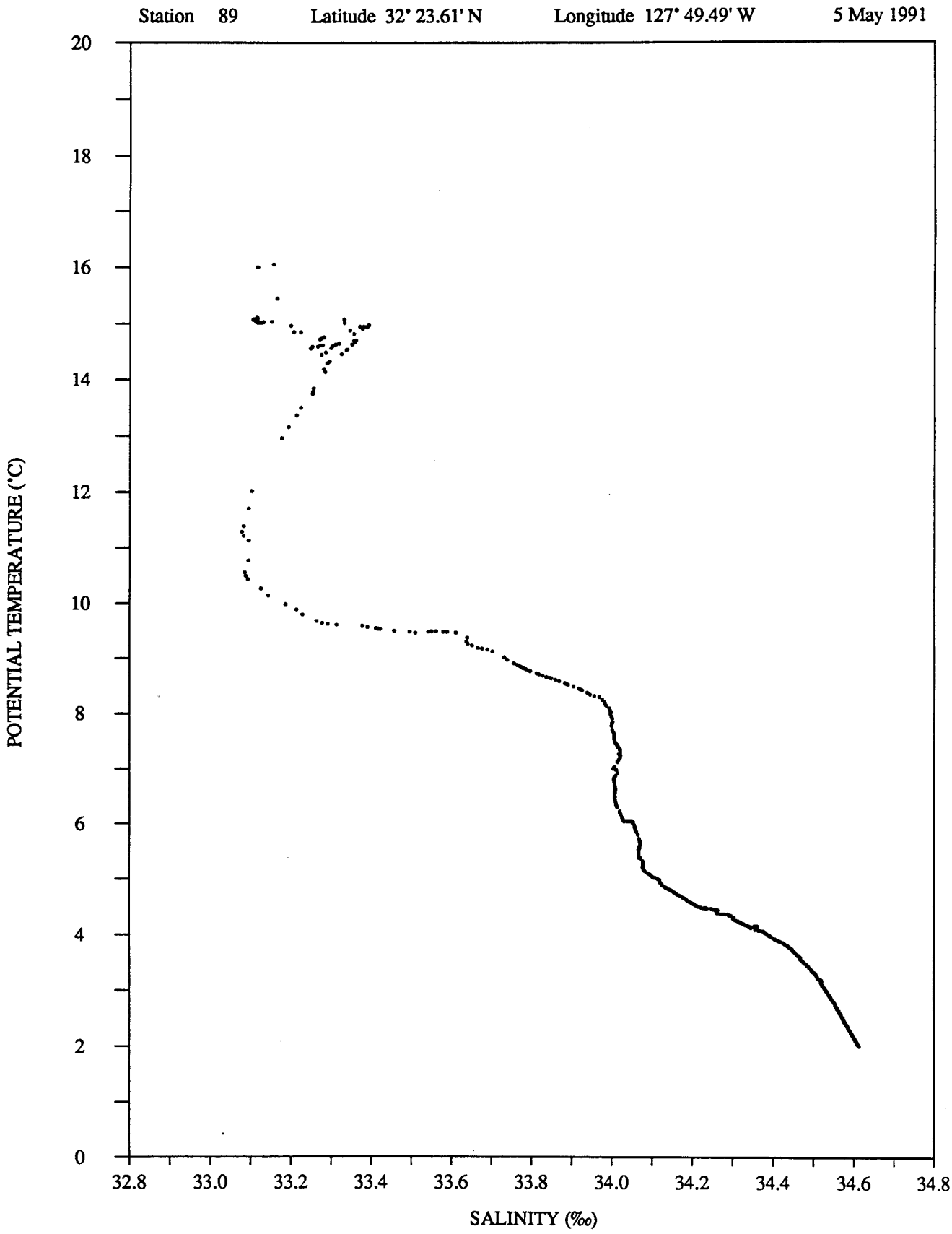
Station 89
Latitude 32° 23.61' N
Longitude 127° 49.49' W
5 May 1991
POTENTIAL TEMPERATURE (°C)
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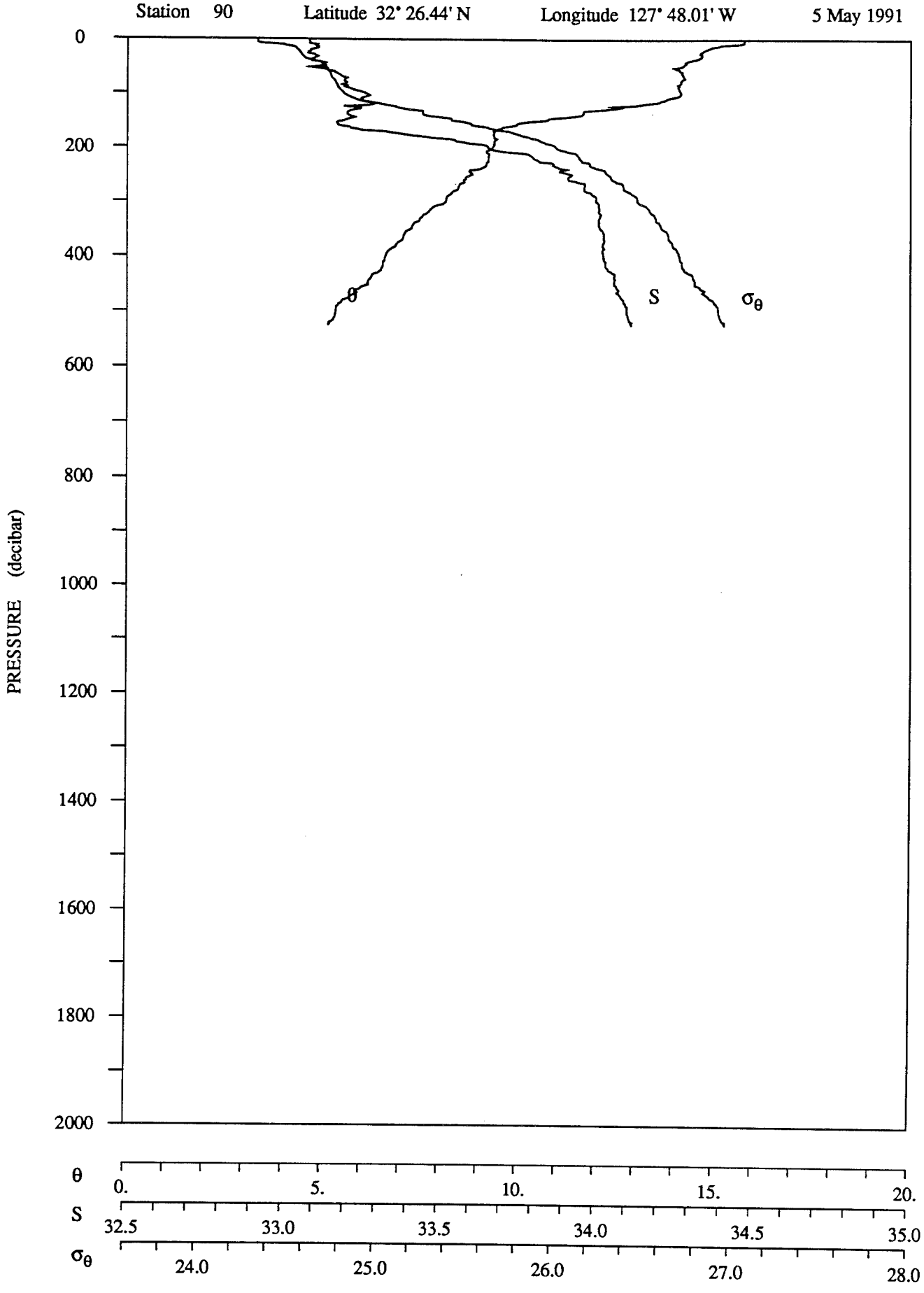
34.8
SALINITY (‰)


Station 90
Latitude 32° 26.44' N
Longitude 127° 48.01' W
5 May 1991
PRESSURE (decibar)
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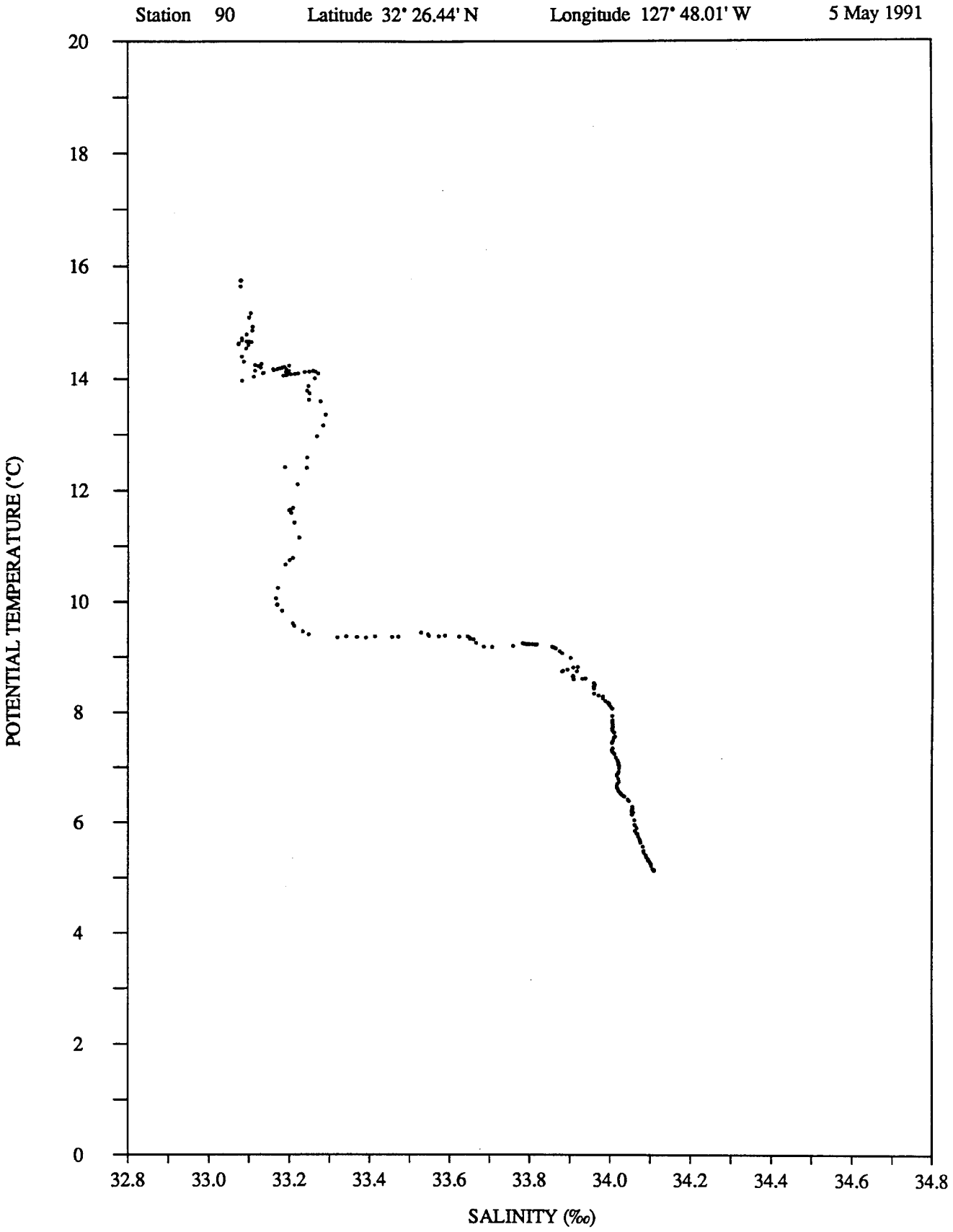
Station 90
Latitude 32° 26.44' N
Longitude 127° 48.01' W
5 May 1991
POTENTIAL TEMPERATURE (°C)
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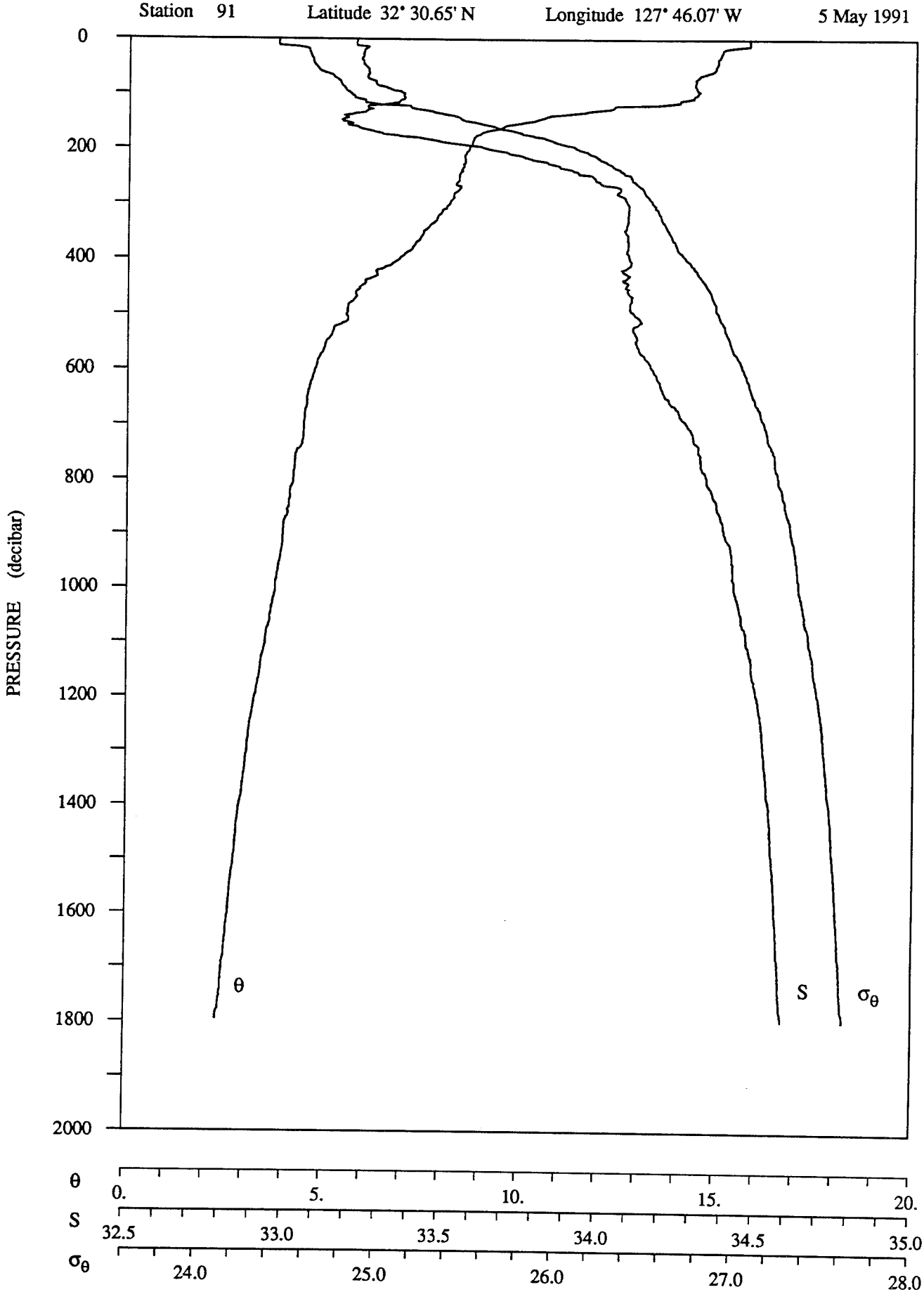
SALINITY (‰)


Station 91
Latitude 32° 30.65' N
Longitude 127° 46.07' W
5 May 1991
PRESSURE (decibar)
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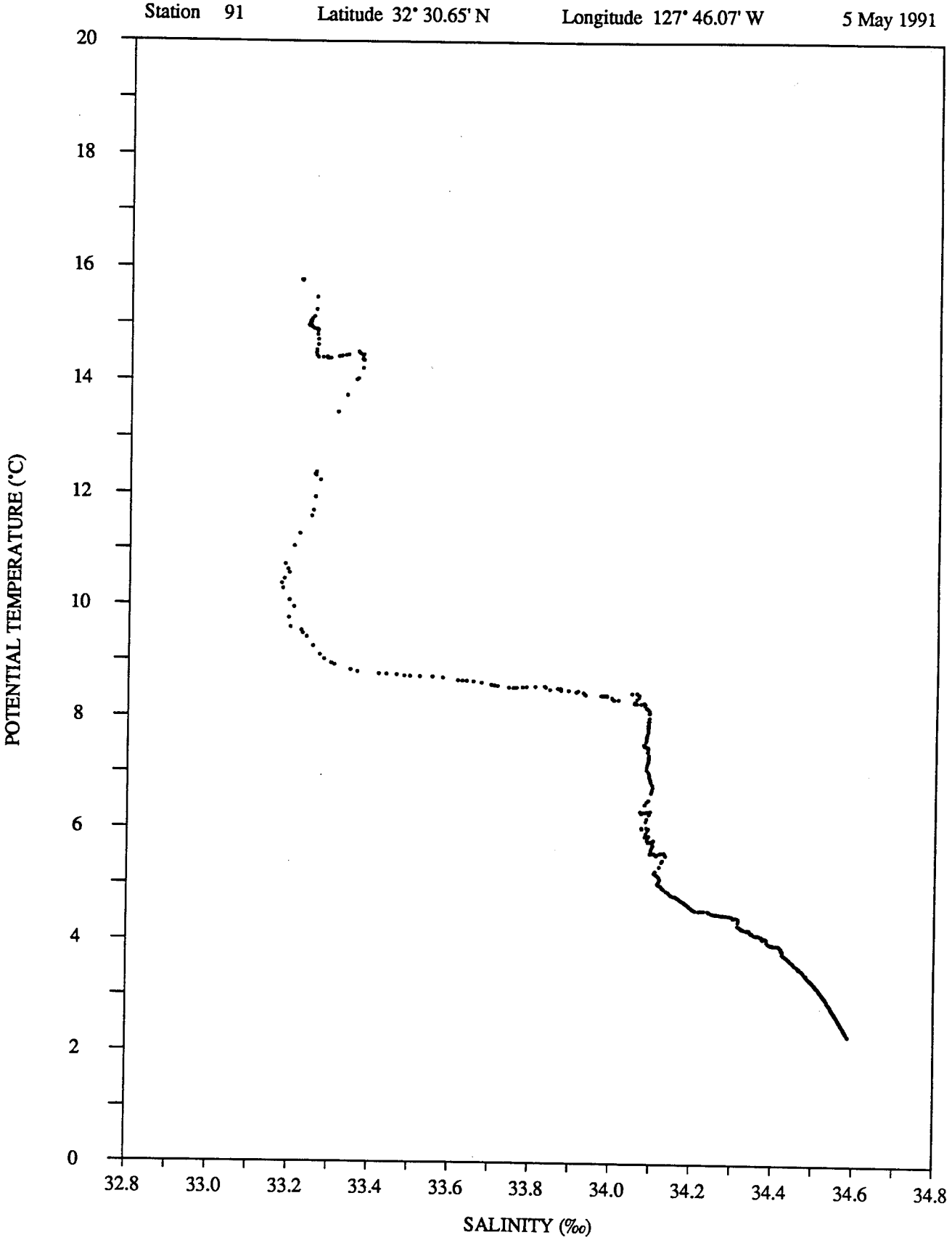
Station 91
Latitude 32° 30.65' N
Longitude 127° 46.07' W
5 May 1991
POTENTIAL TEMPERATURE (°C)
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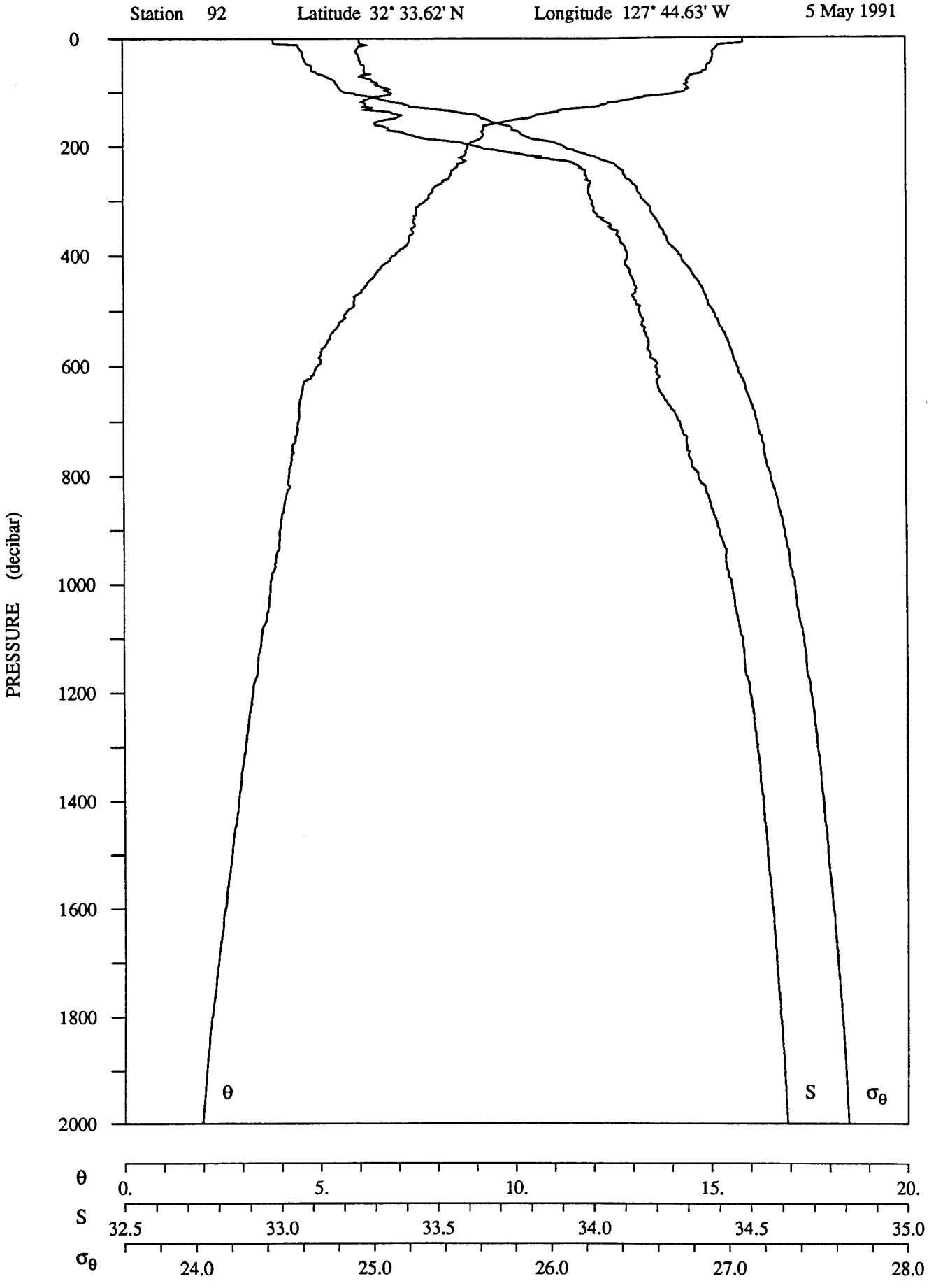
SALINITY (‰)


Station 92
Latitude 32° 33.62' N
Longitude 127° 44.63' W
5 May 1991
PRESSURE (decibar)
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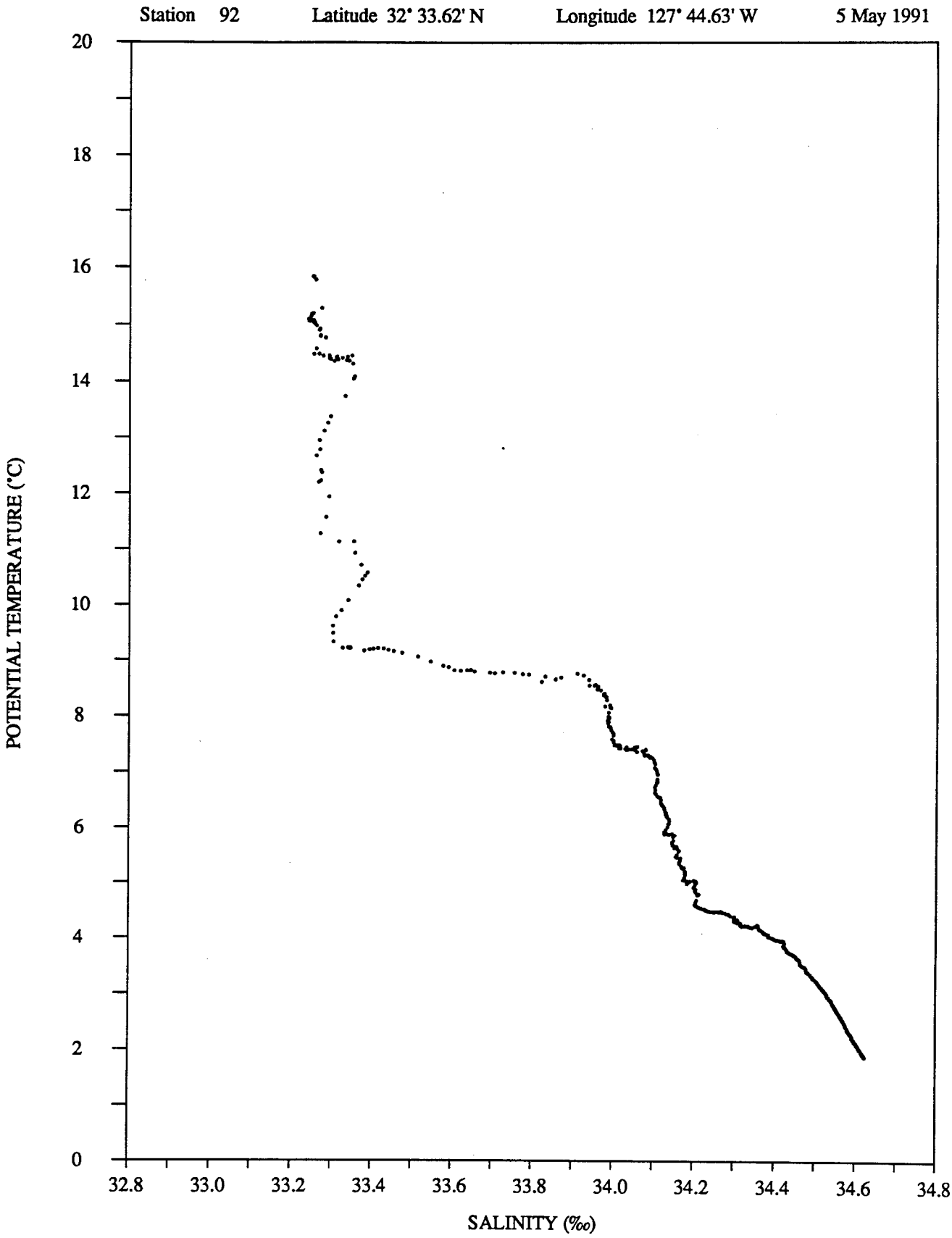
Station 92
Latitude 32° 33.62' N
Longitude 127° 44.63' W
5 May 1991
POTENTIAL TEMPERATURE (°C)
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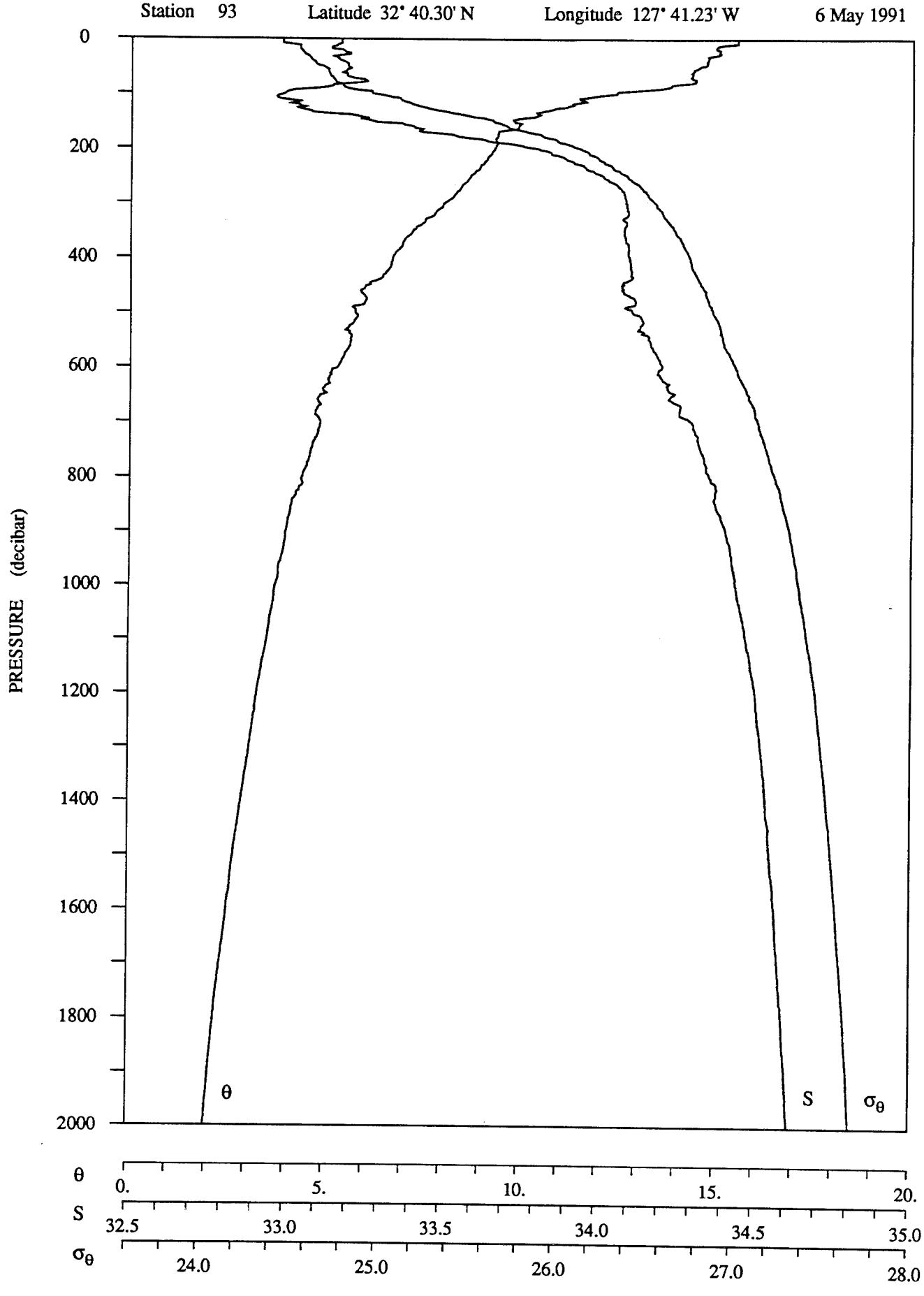
34.8
SALINITY (‰)


Station 93
Latitude 32° 40.30' N
Longitude 127° 41.23' W
6 May 1991
PRESSURE (decibar)
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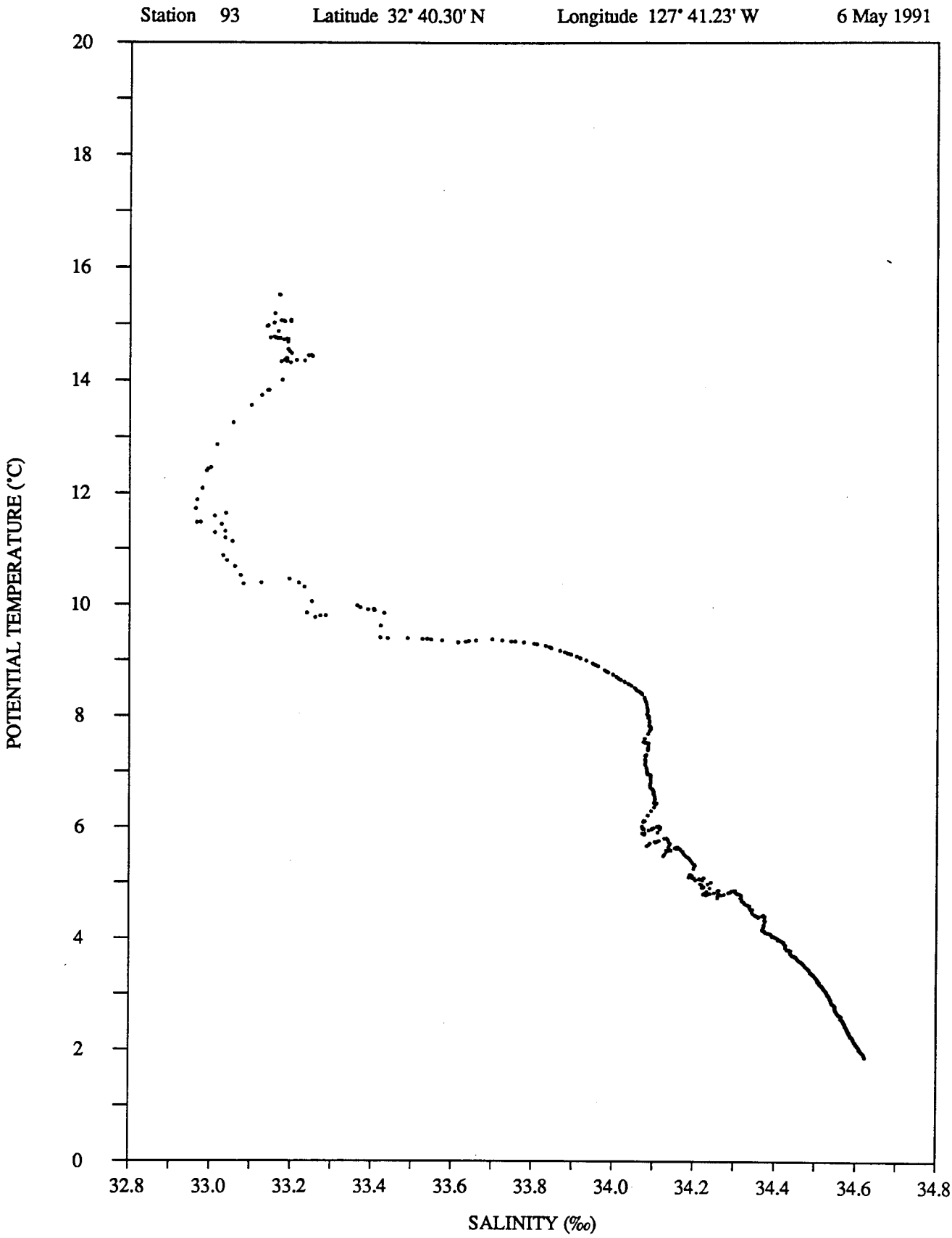
Station 93
Latitude 32° 40.30' N
Longitude 127° 41.23' W
6 May 1991
POTENTIAL TEMPERATURE (°C)
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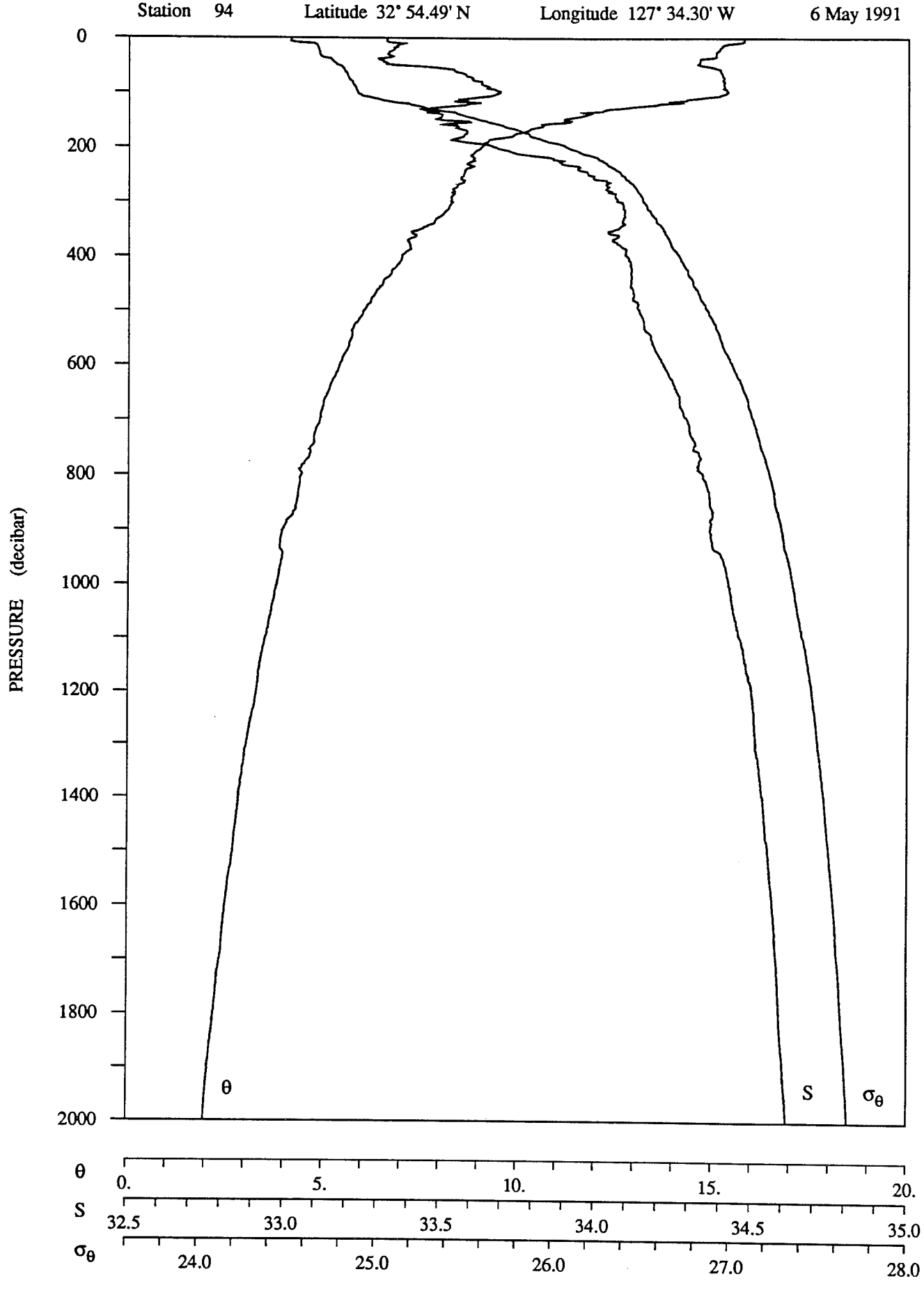
34.4
34.6
34.8
SALINITY (‰)


Station 94
Latitude 32° 54.49' N
Longitude 127° 34.30' W
6 May 1991
PRESSURE (decibar)
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1000
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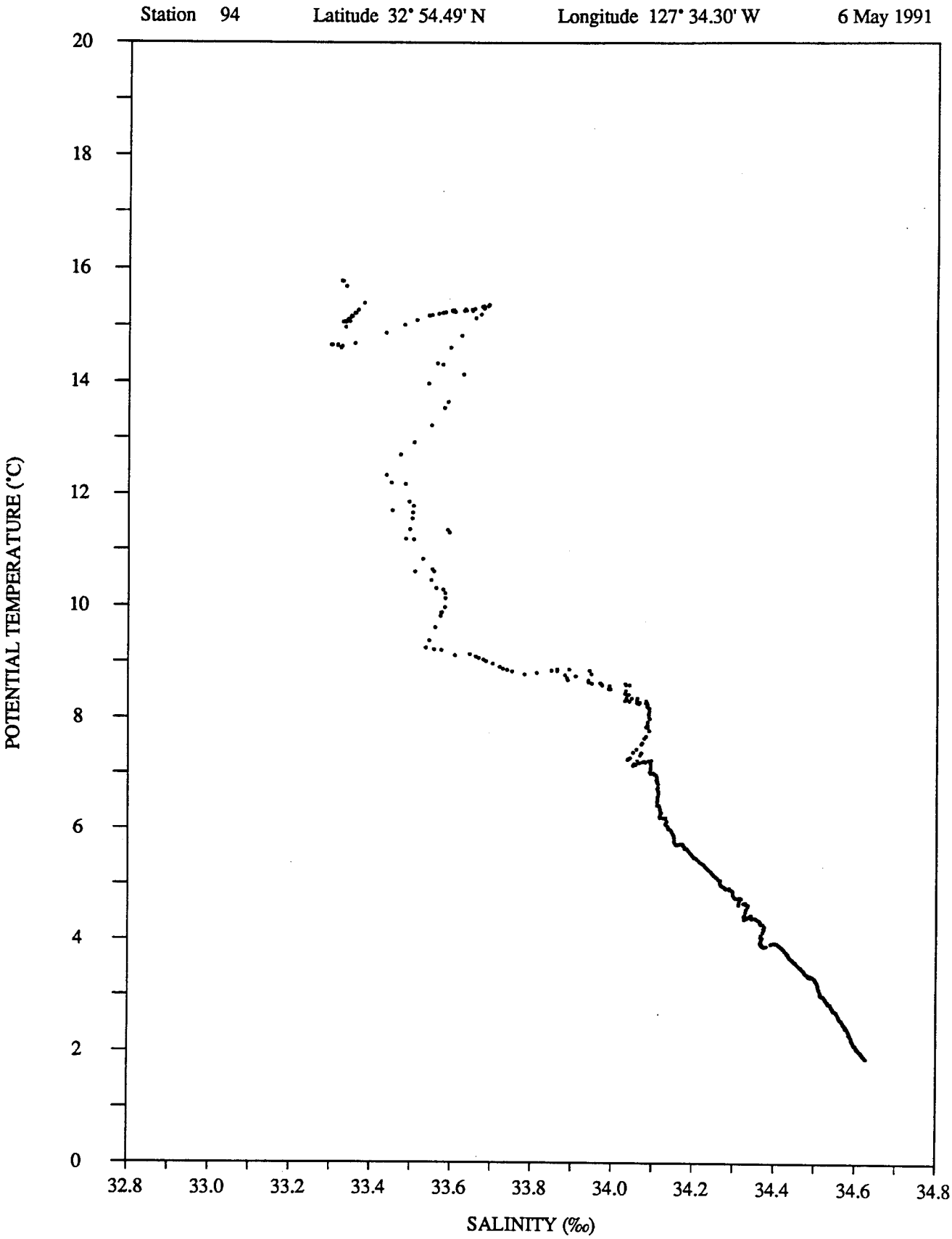
Station 94
Latitude 32° 54.49' N
Longitude 127° 34.30' W
6 May 1991
POTENTIAL TEMPERATURE (°C)
20
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12
10
8
6
4
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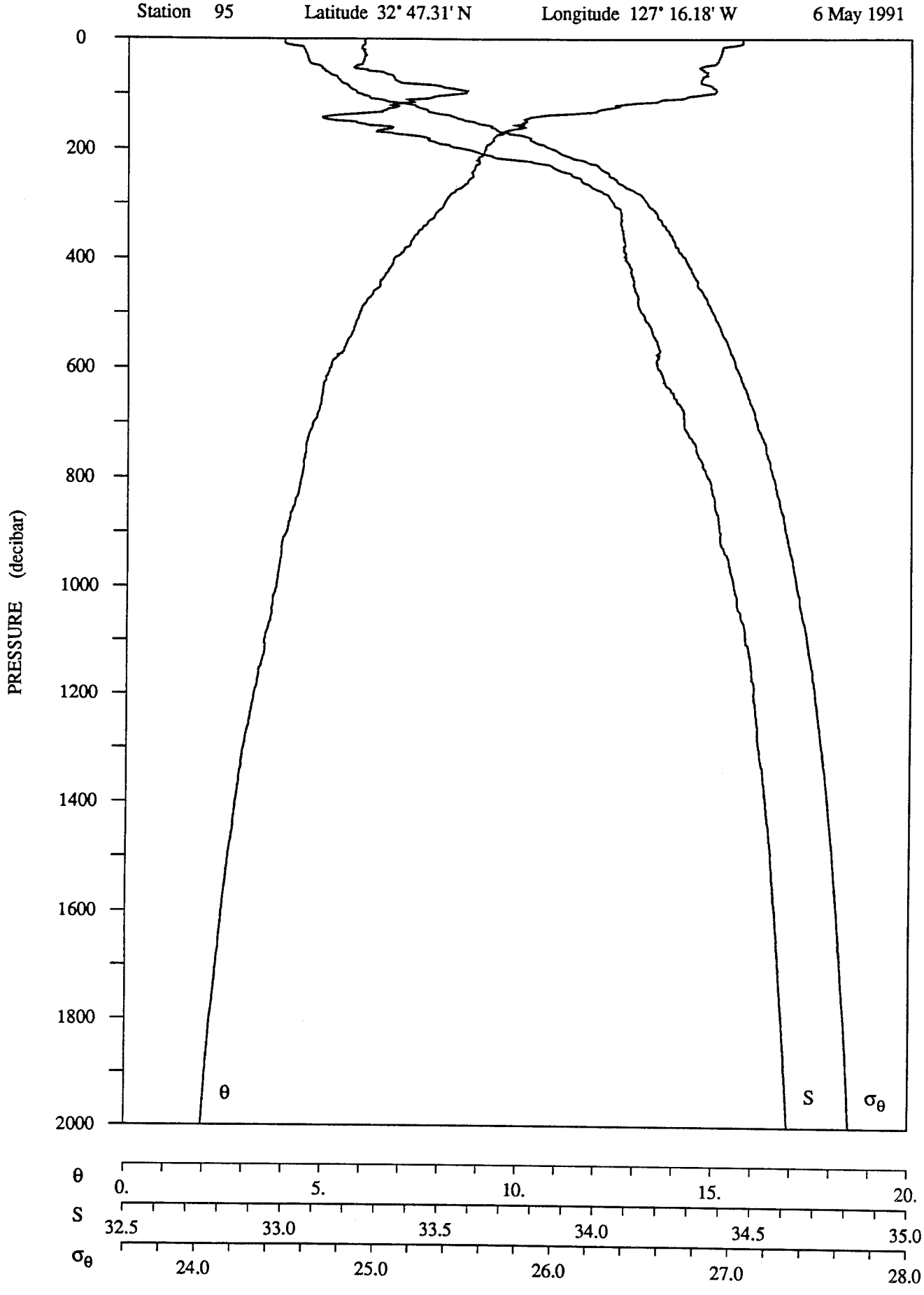
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 95
Latitude 32° 47.31' N
Longitude 127° 16.18' W
6 May 1991
PRESSURE (decibar)
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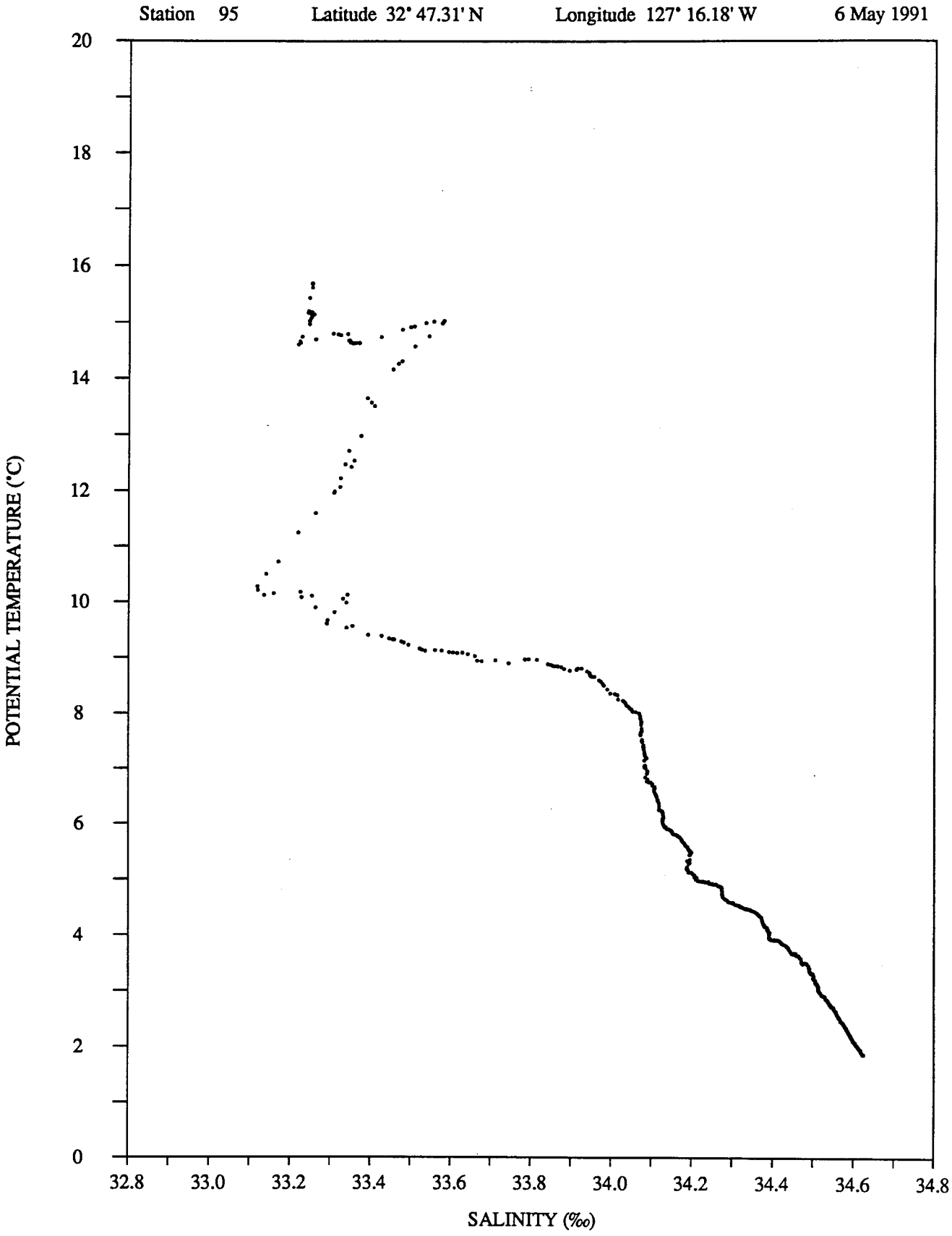
Station 95
Latitude 32° 47.31' N
Longitude 127° 16.18' W
6 May 1991
POTENTIAL TEMPERATURE (°C)
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32.8
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33.2
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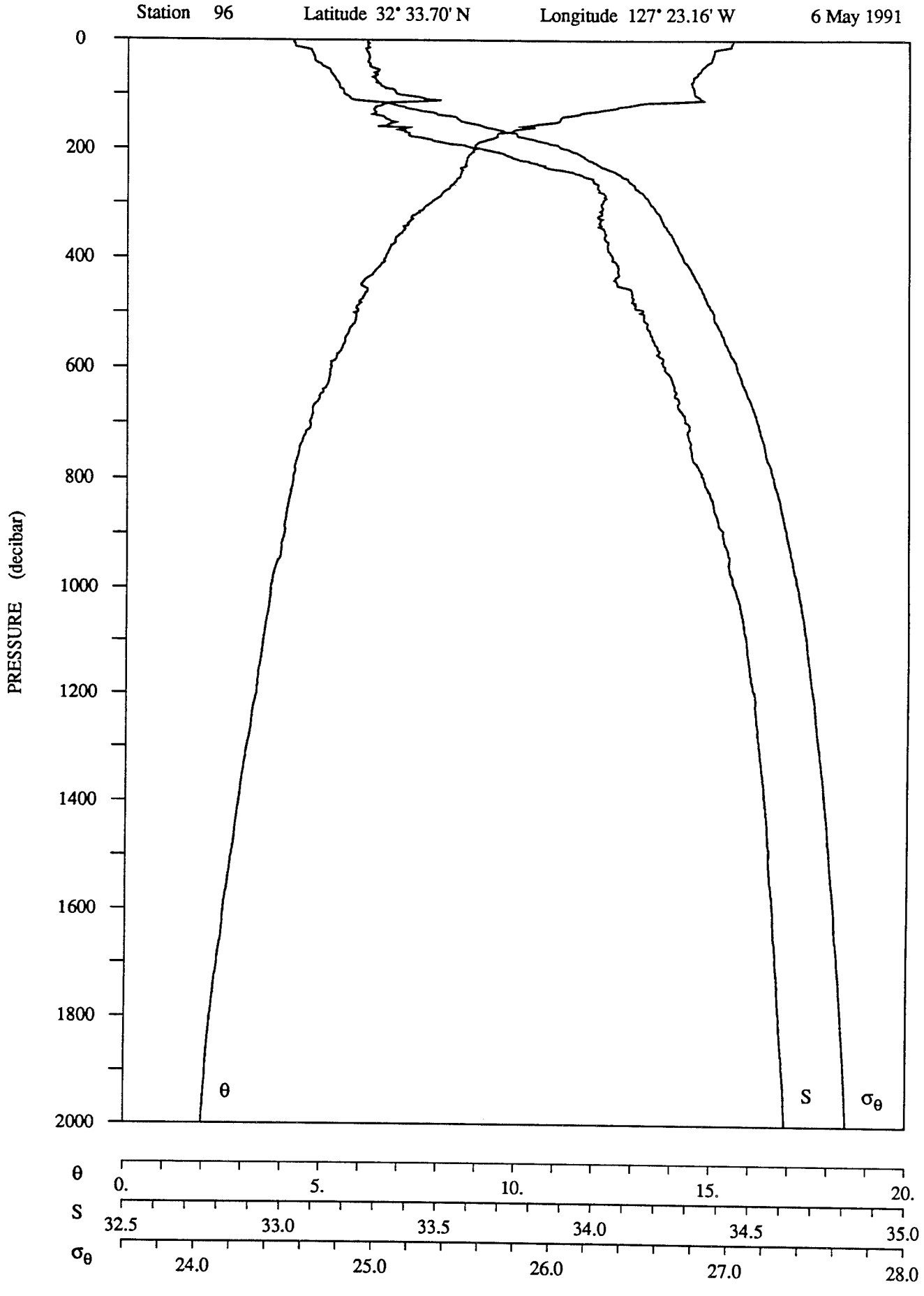
34.4
34.6
34.8
SALINITY (‰)


Station 96
Latitude 32° 33.70' N
Longitude 127° 23.16' W
6 May 1991
PRESSURE (decibar)
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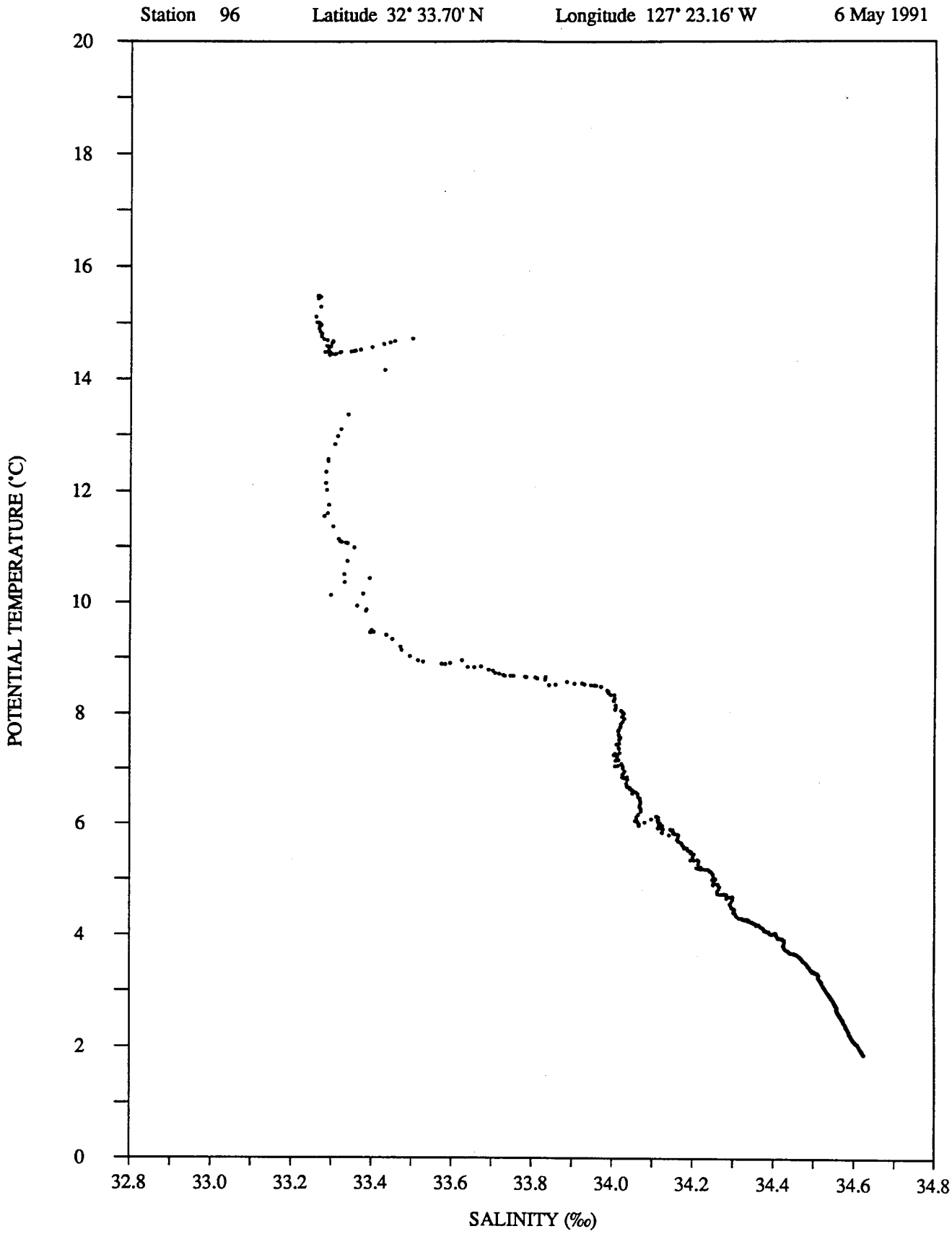
Station 96
Latitude 32° 33.70' N
Longitude 127° 23.16' W
6 May 1991
POTENTIAL TEMPERATURE (°C)
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33.2
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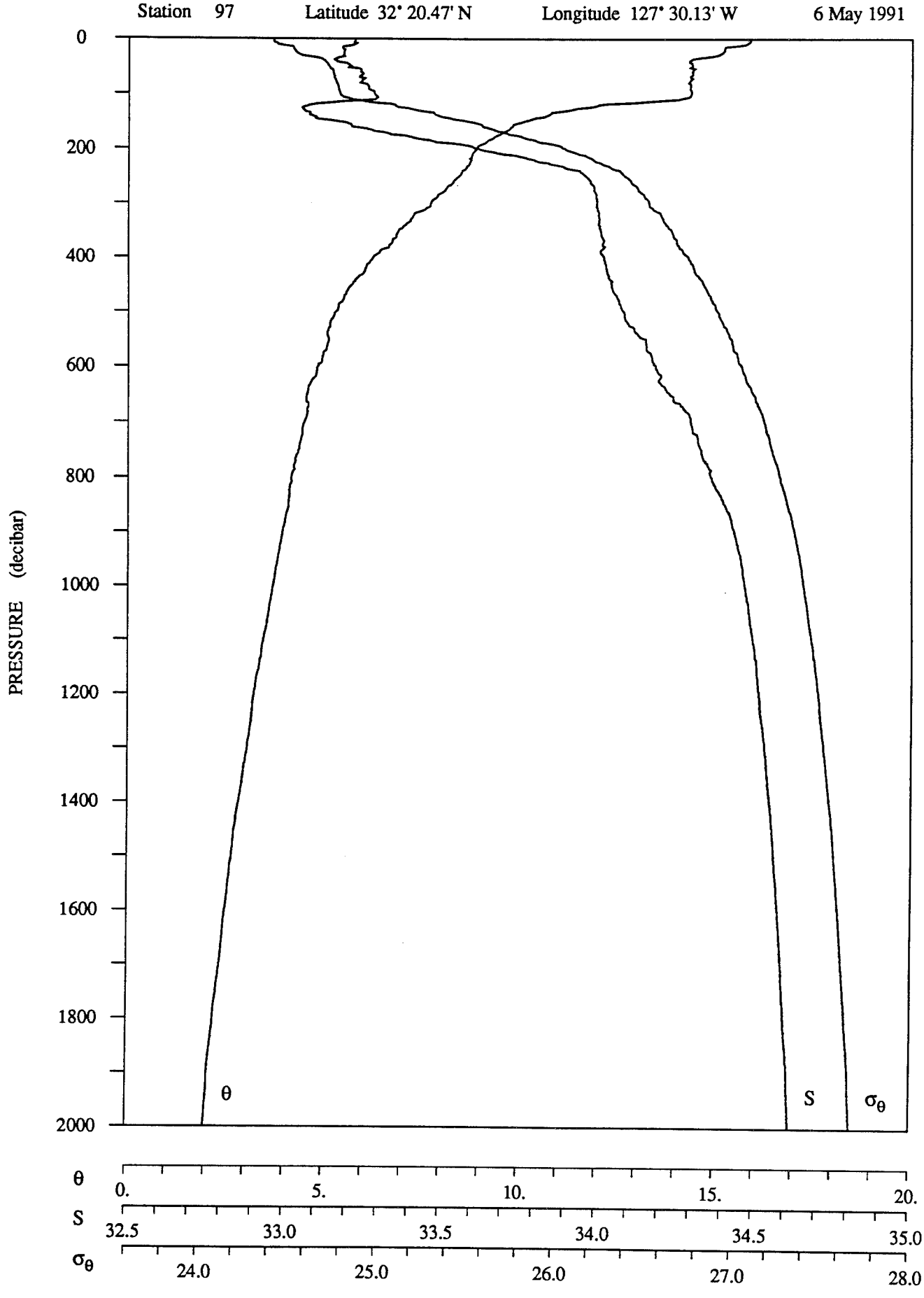
34.8
SALINITY (‰)


Station 97
Latitude 32° 20.47' N
Longitude 127° 30.13' W
6 May 1991
PRESSURE (decibar)
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34.0
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27.0
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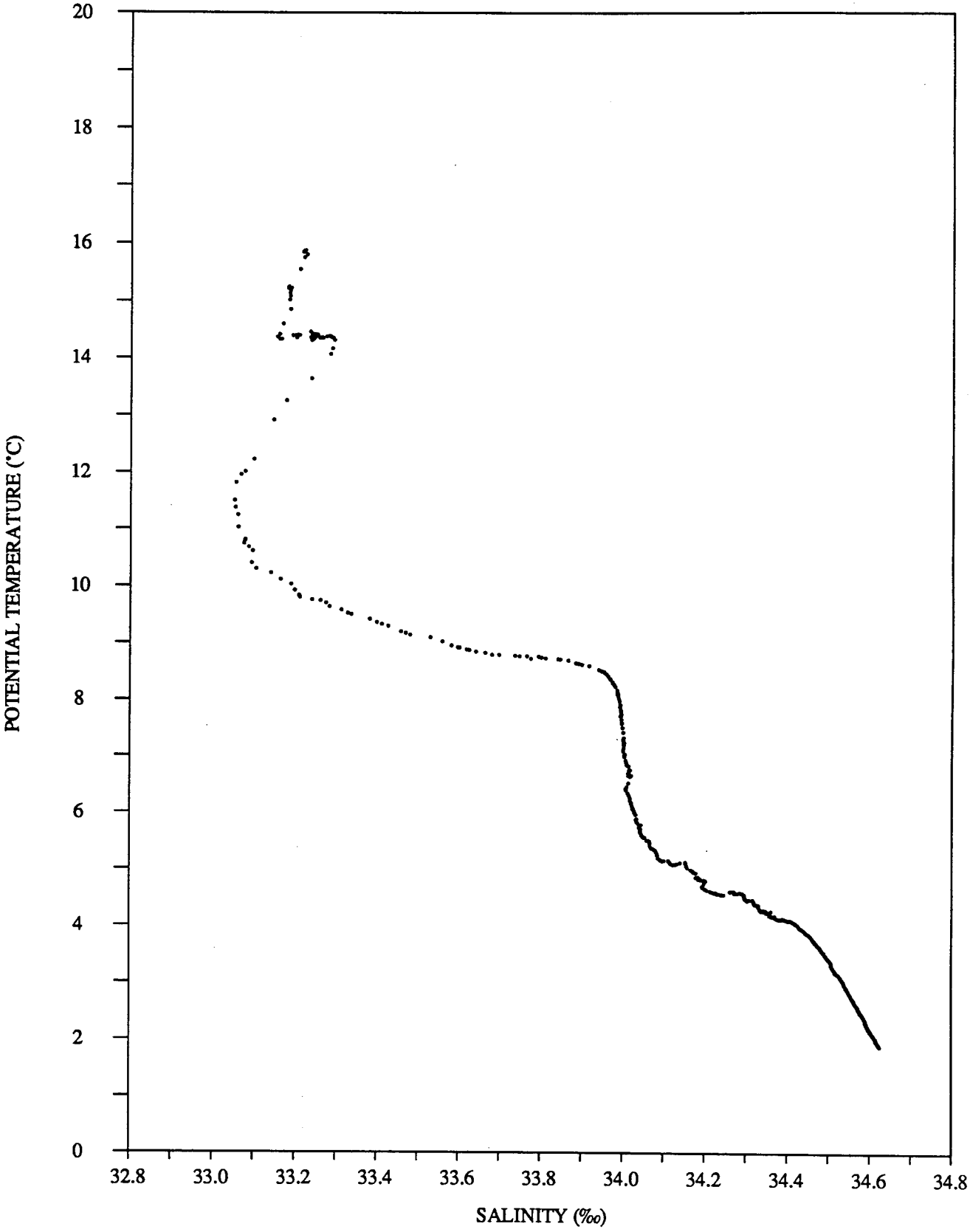
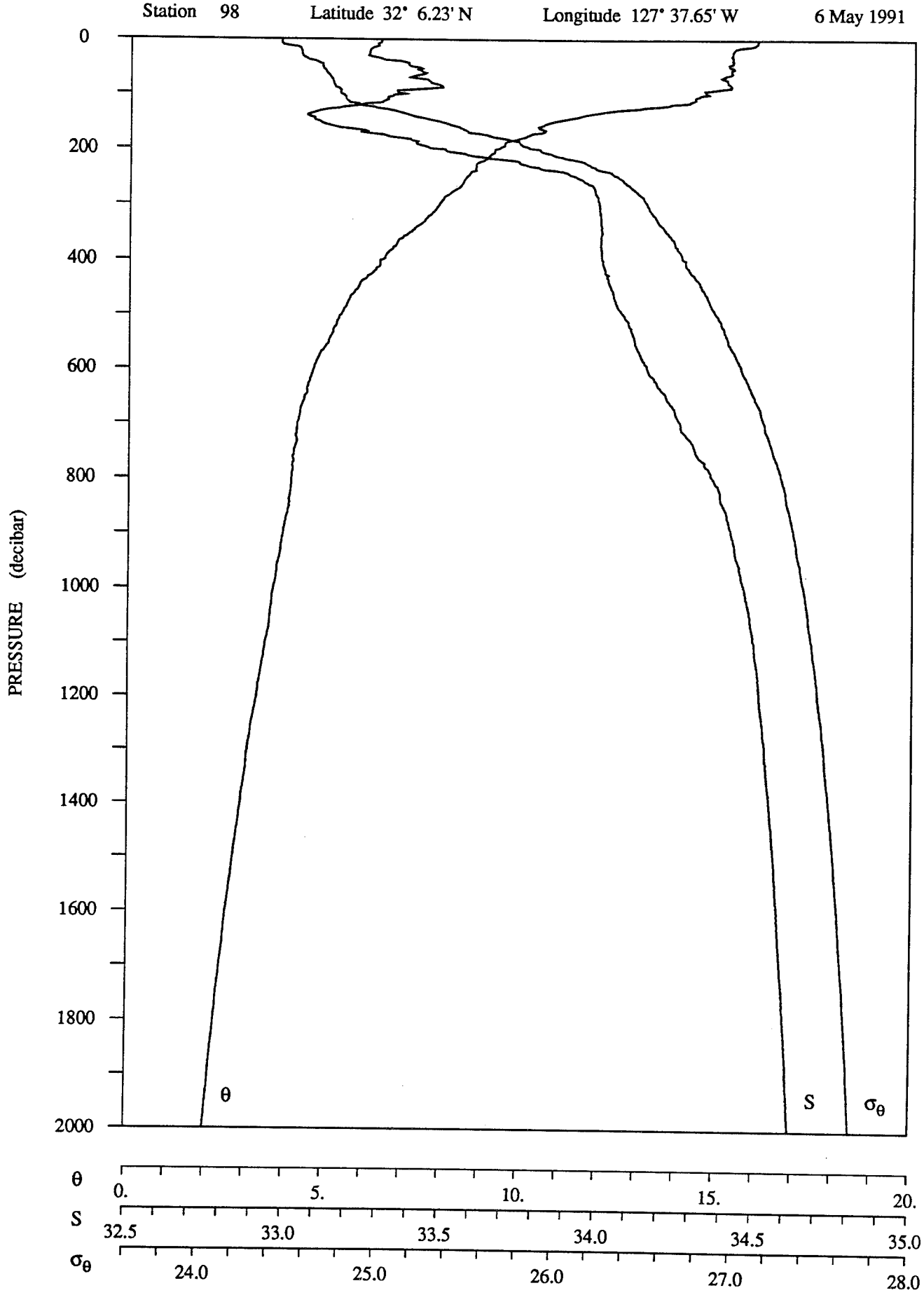
Station 97 Latitude 32° 20.47' N Longitude 127° 30.13' W 6 May 1991




Station 98
Latitude 32° 6.23' N
Longitude 127° 37.65' W
6 May 1991
PRESSURE (decibar)
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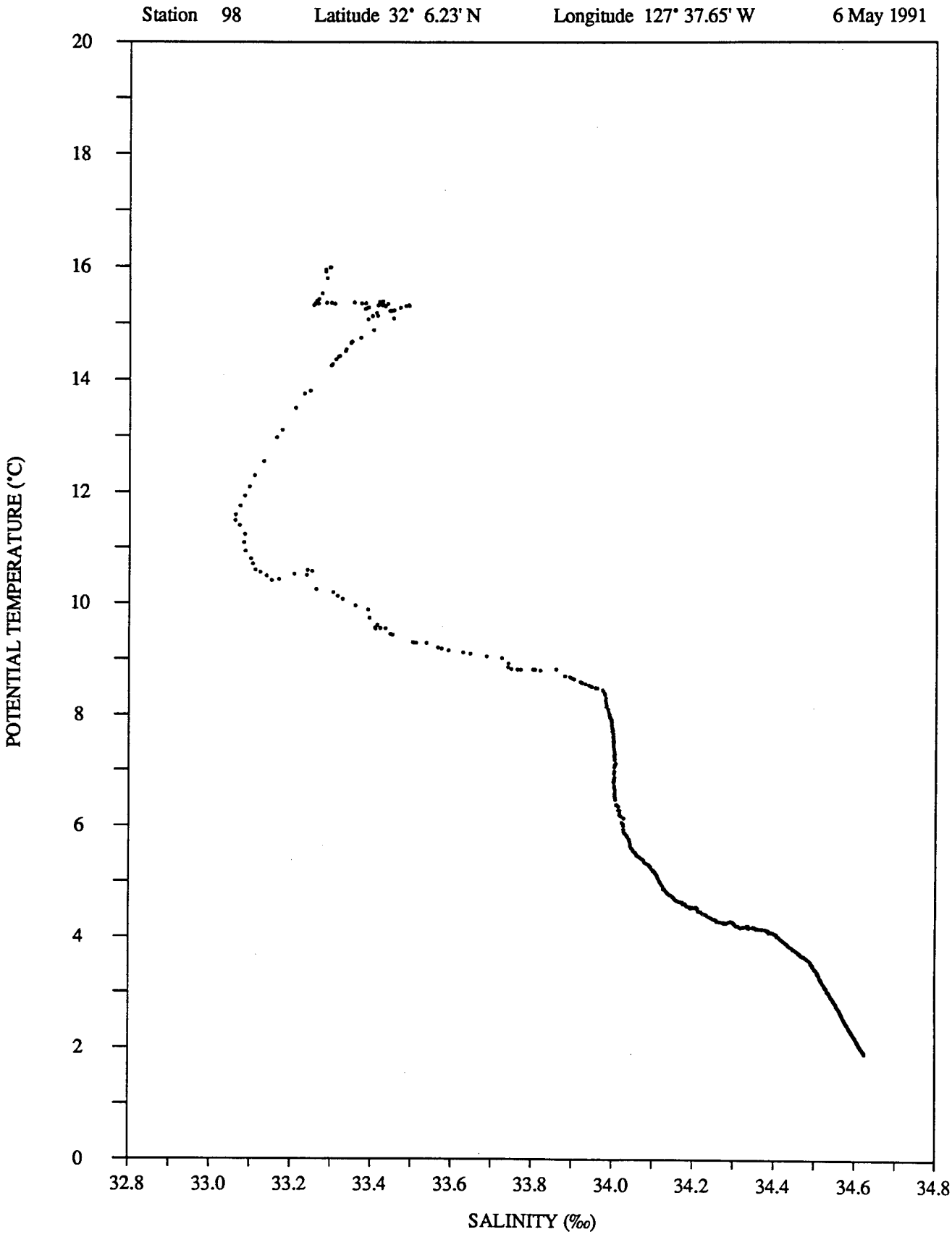
Station 98
Latitude 32° 6.23' N
Longitude 127° 37.65' W
6 May 1991
POTENTIAL TEMPERATURE (°C)
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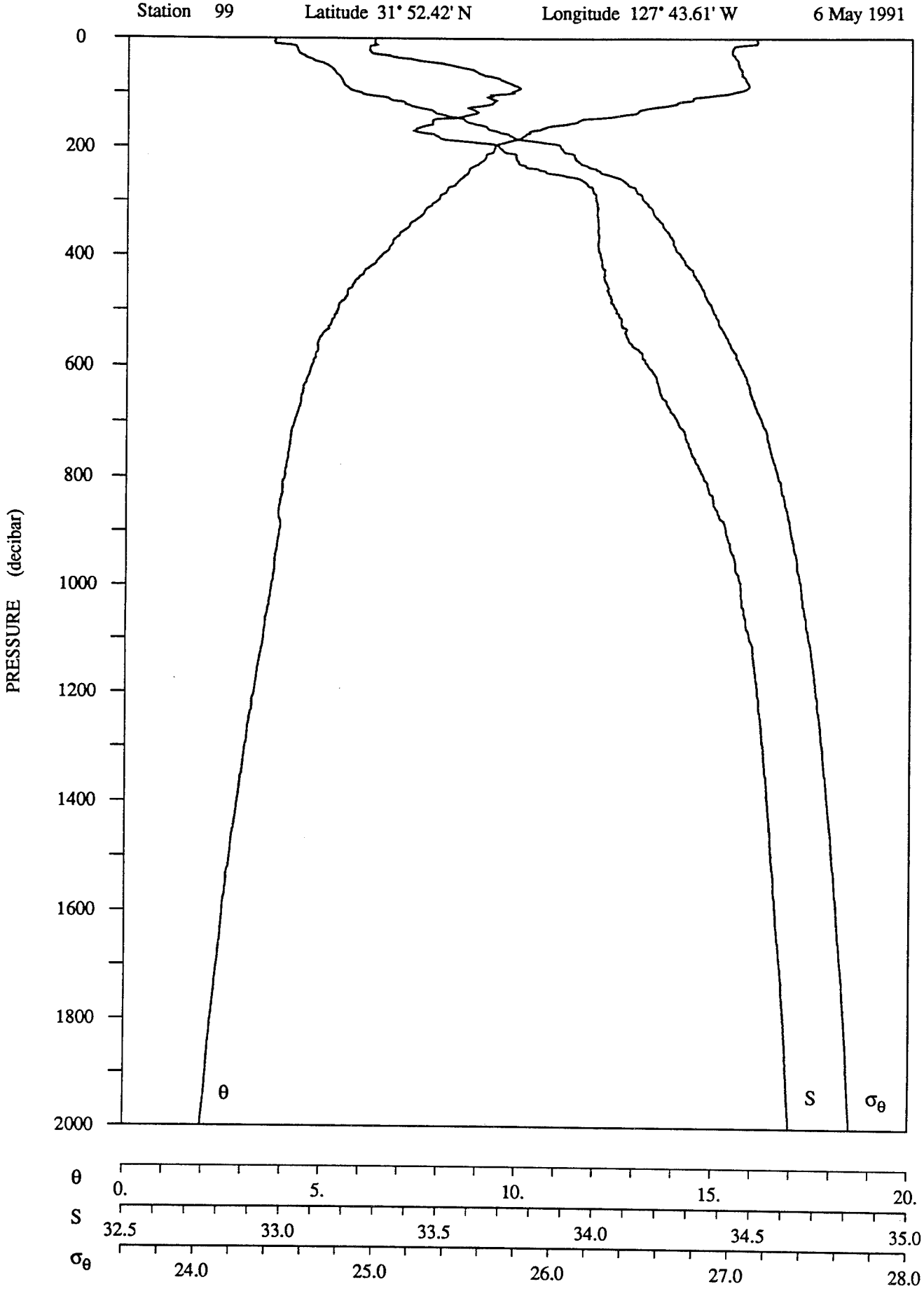
34.8
SALINITY (‰)


Station 99
Latitude 31° 52.42' N
Longitude 127° 43.61' W
6 May 1991
PRESSURE (decibar)
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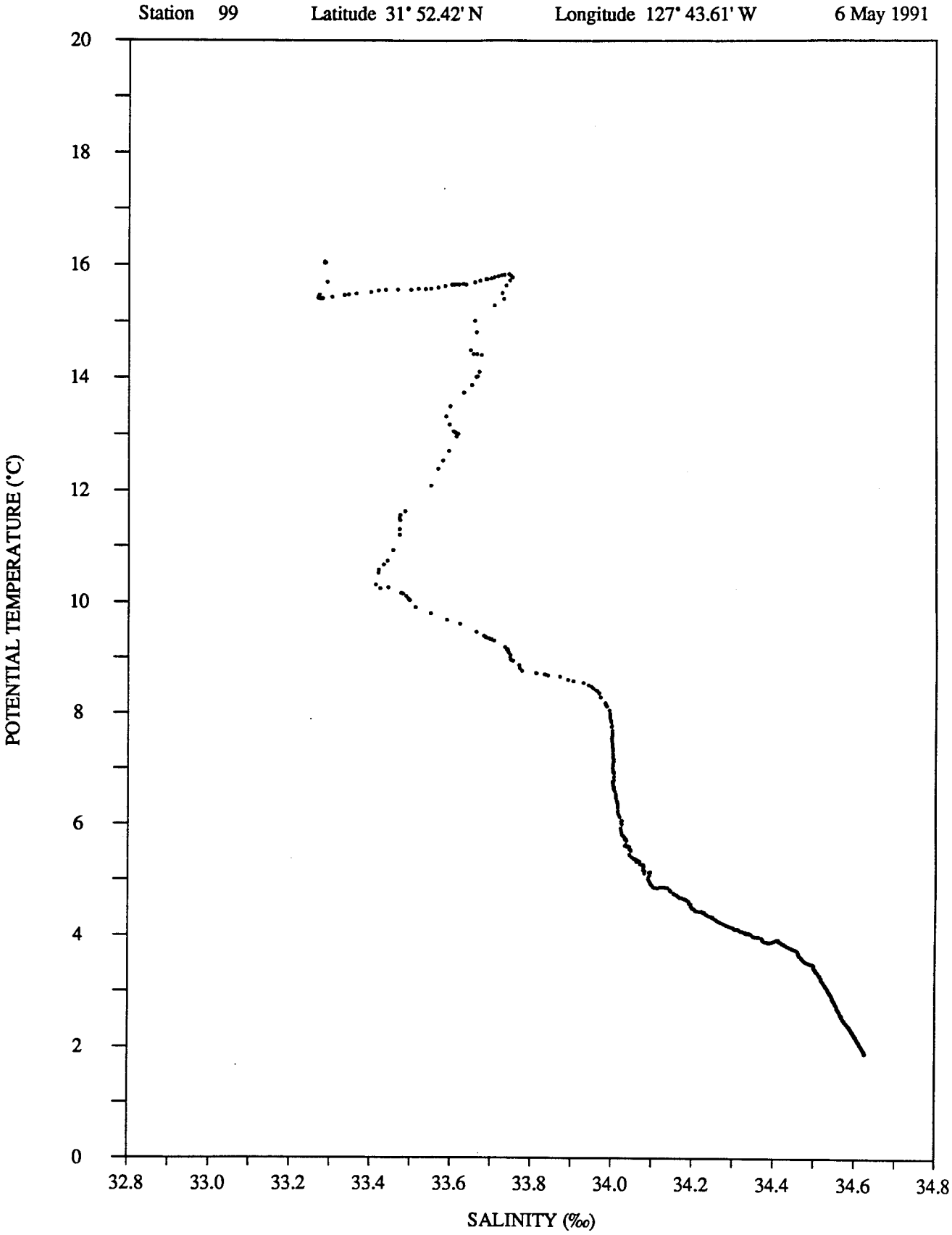
Station 99
Latitude 31° 52.42' N
Longitude 127° 43.61' W
6 May 1991
POTENTIAL TEMPERATURE (°C)
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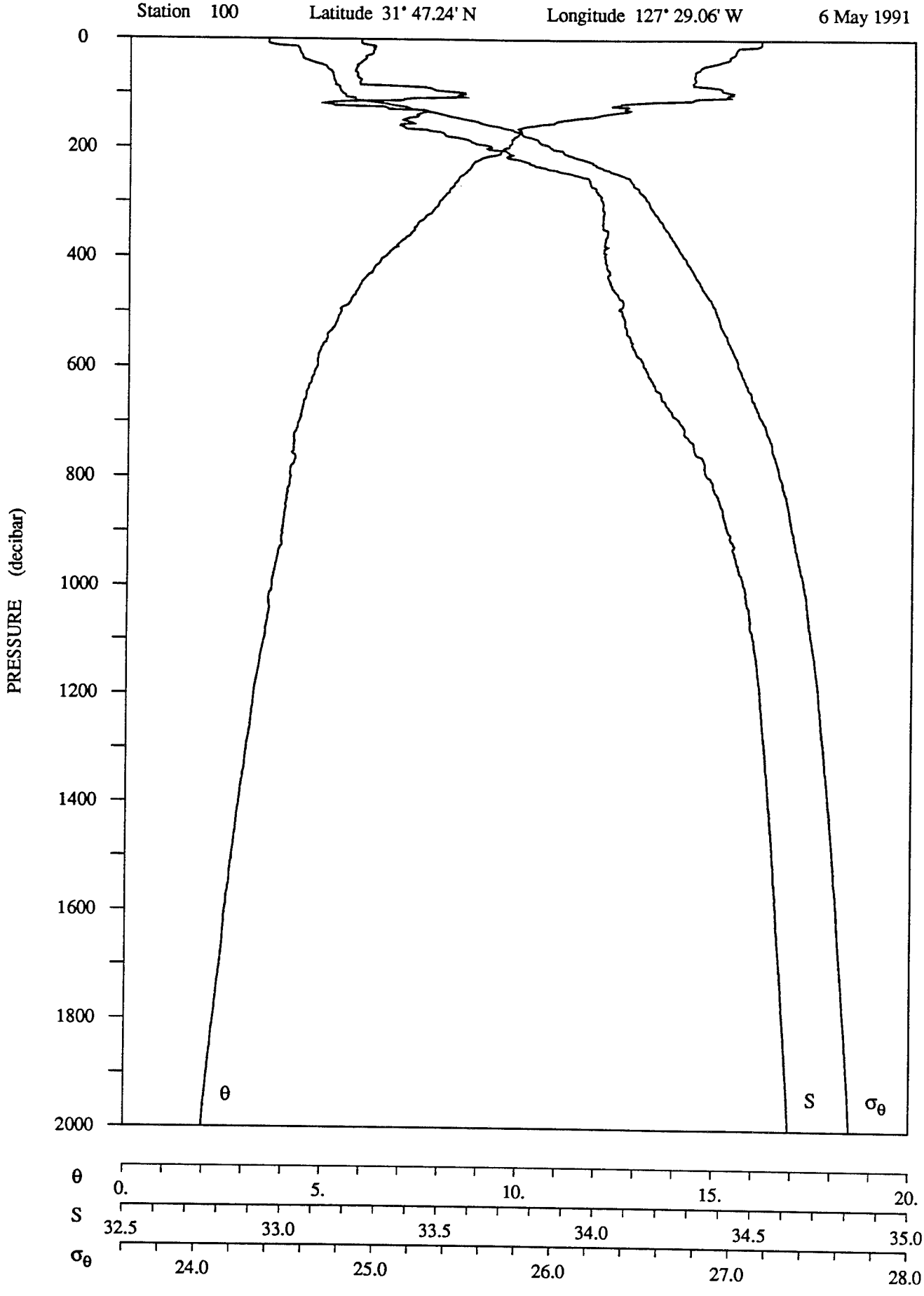
34.8
SALINITY (‰)


Station 100
Latitude 31° 47.24' N
Longitude 127° 29.06' W
6 May 1991
PRESSURE (decibar)
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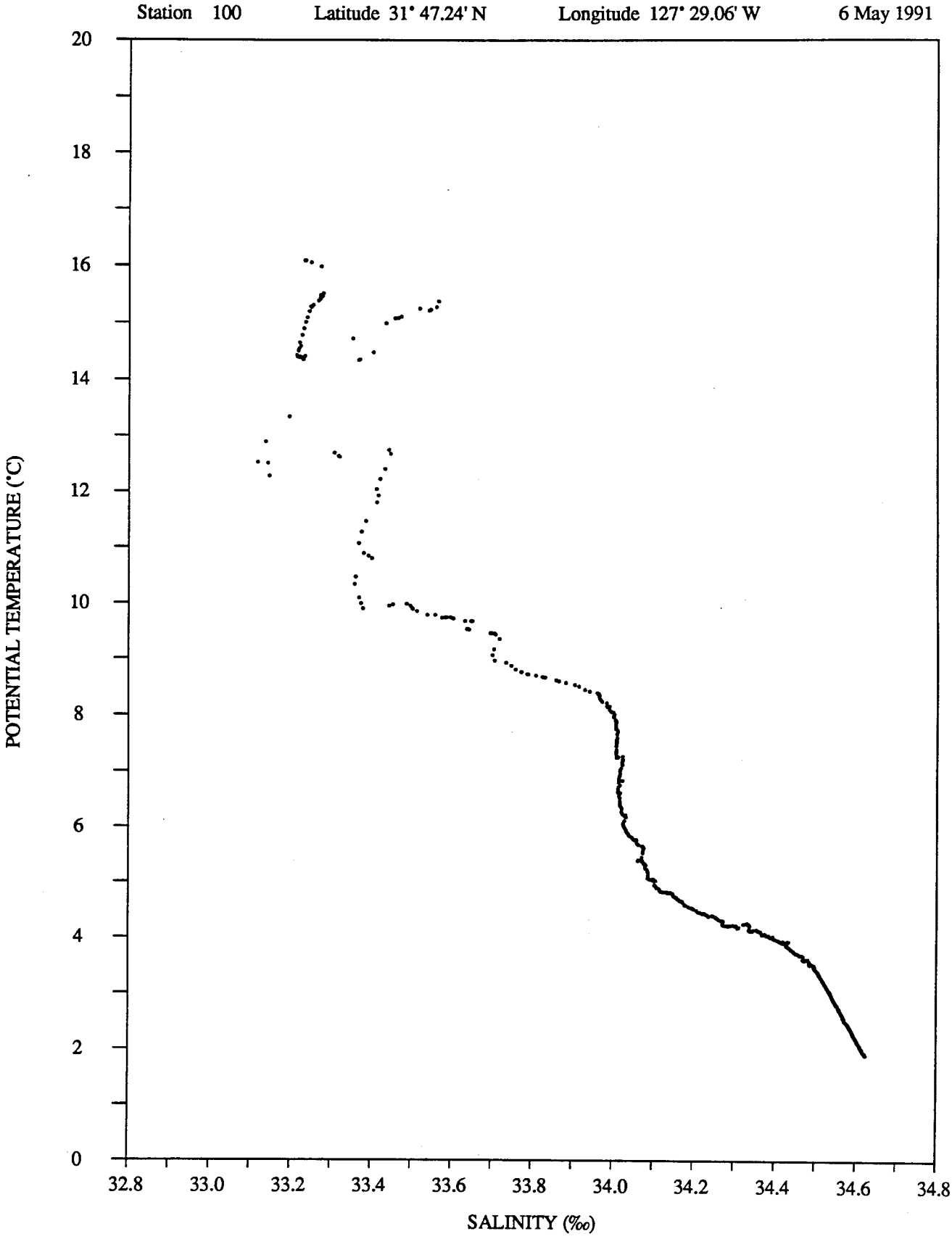
Station 100
Latitude 31° 47.24' N
Longitude 127° 29.06' W
6 May 1991
POTENTIAL TEMPERATURE (°C)
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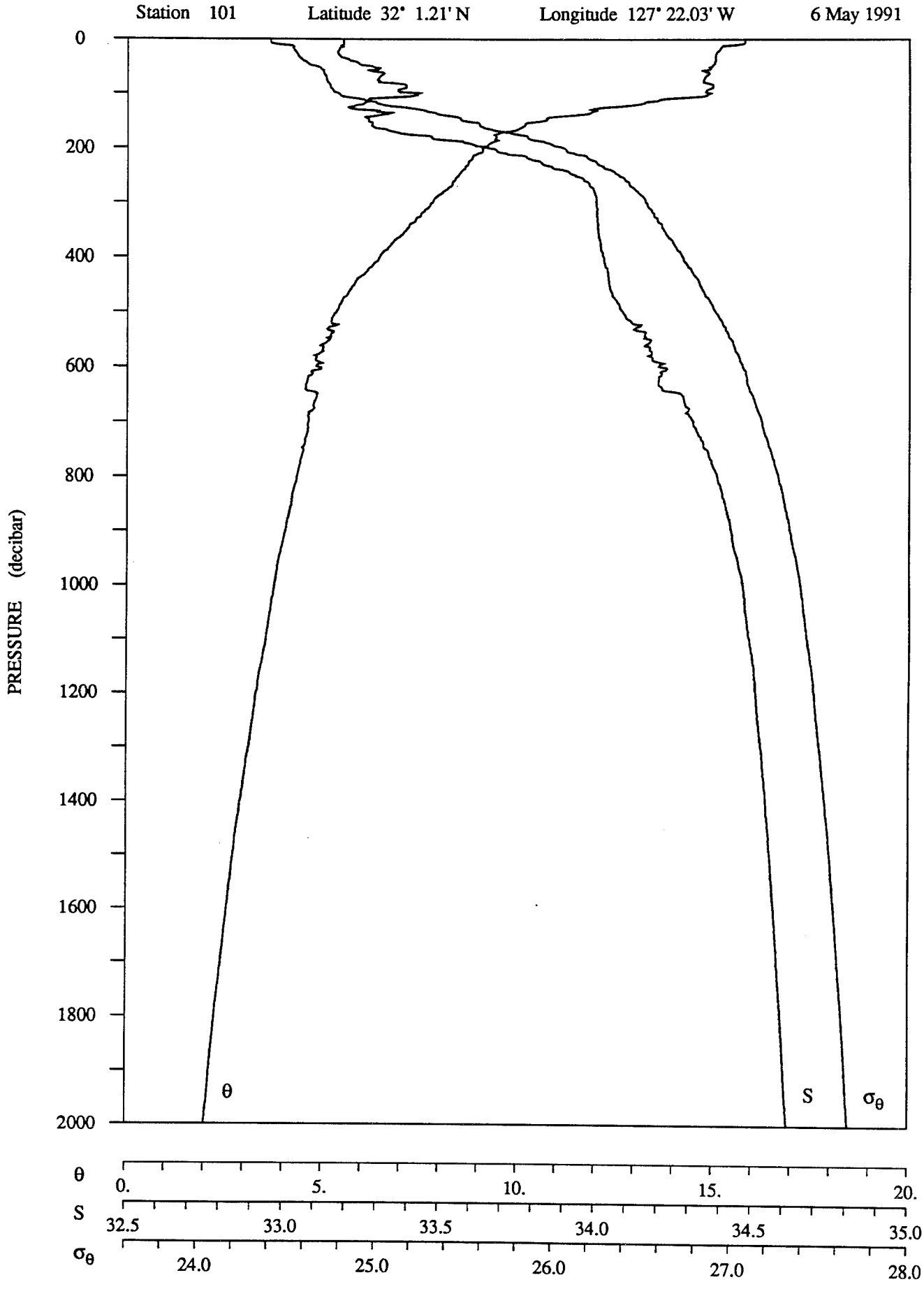
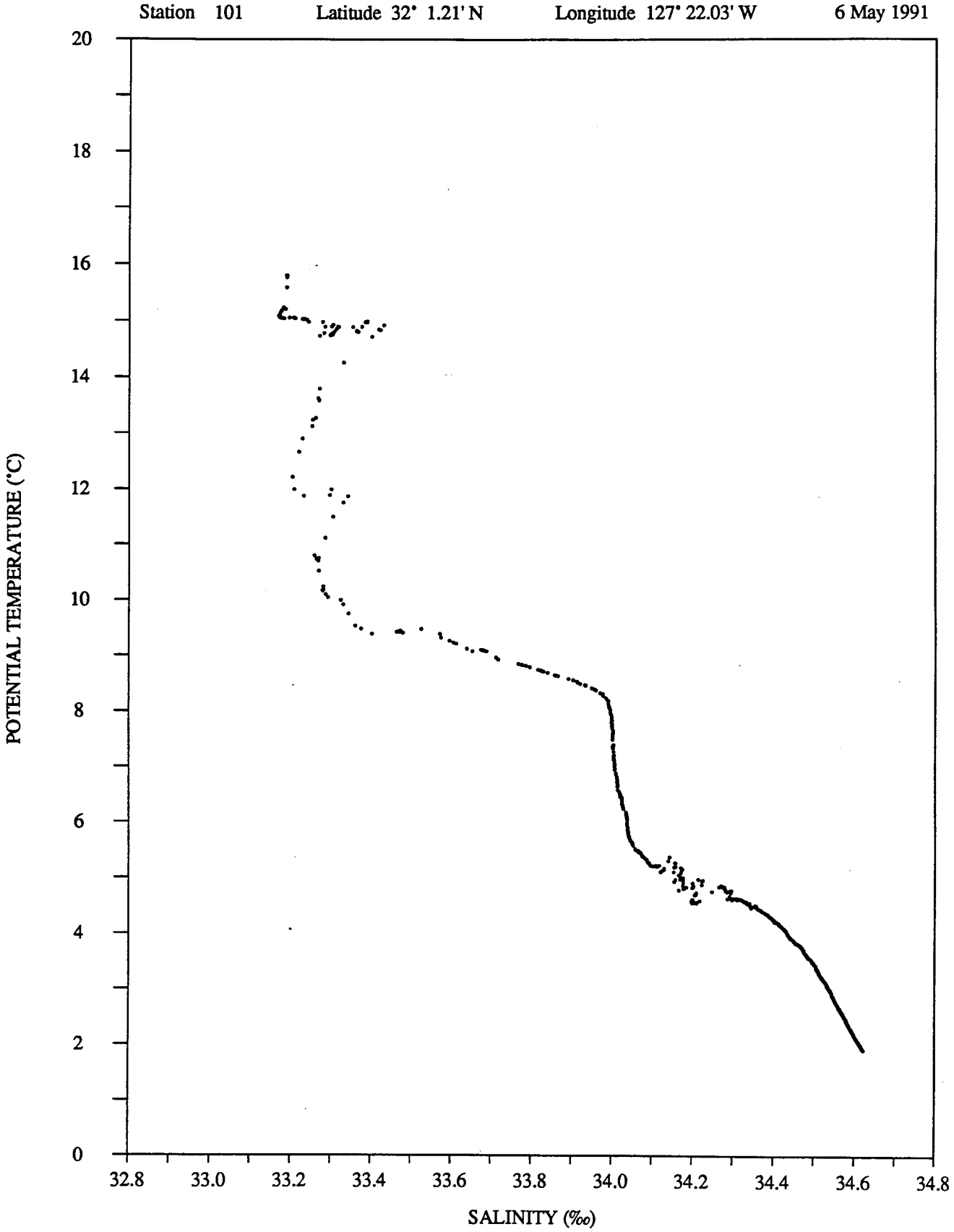
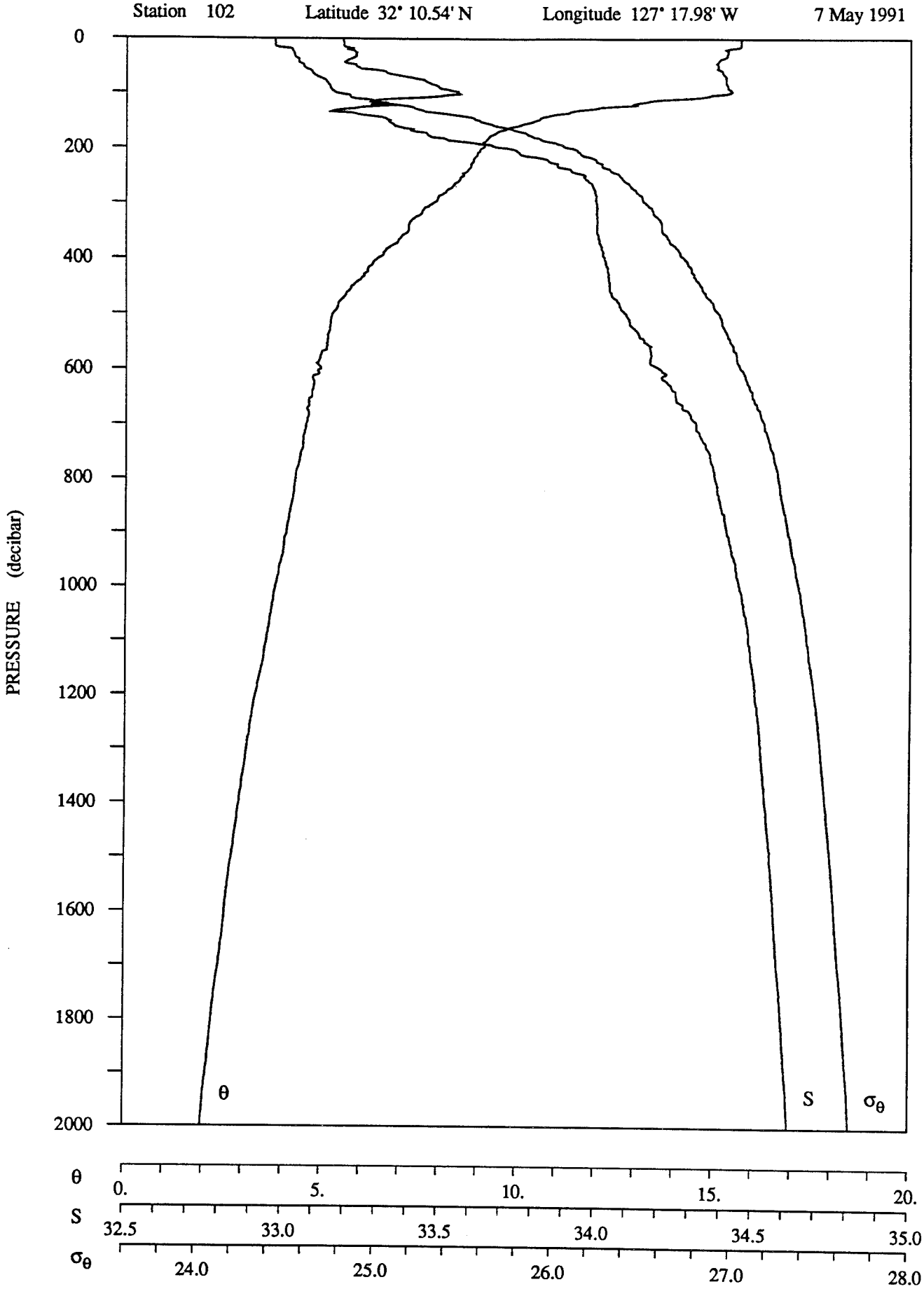
34.8
SALINITY (‰)


Station 101
Latitude 32° 1.21' N
Longitude 127° 22.03' W
6 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 101
Latitude 32° 1.21' N
Longitude 127° 22.03' W
6 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 102
Latitude 32° 10.54' N
Longitude 127° 17.98' W
7 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
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33.0
33.5
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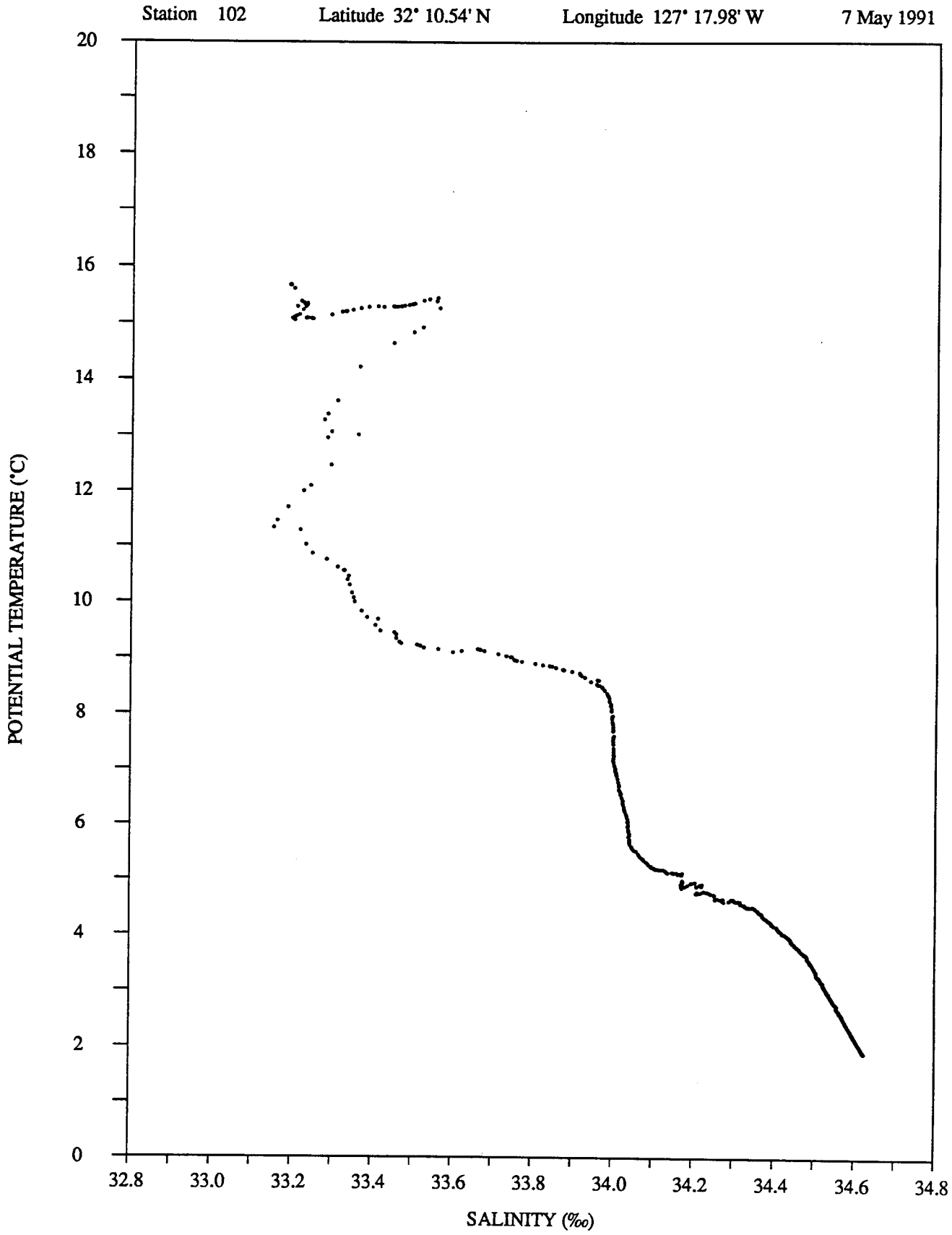
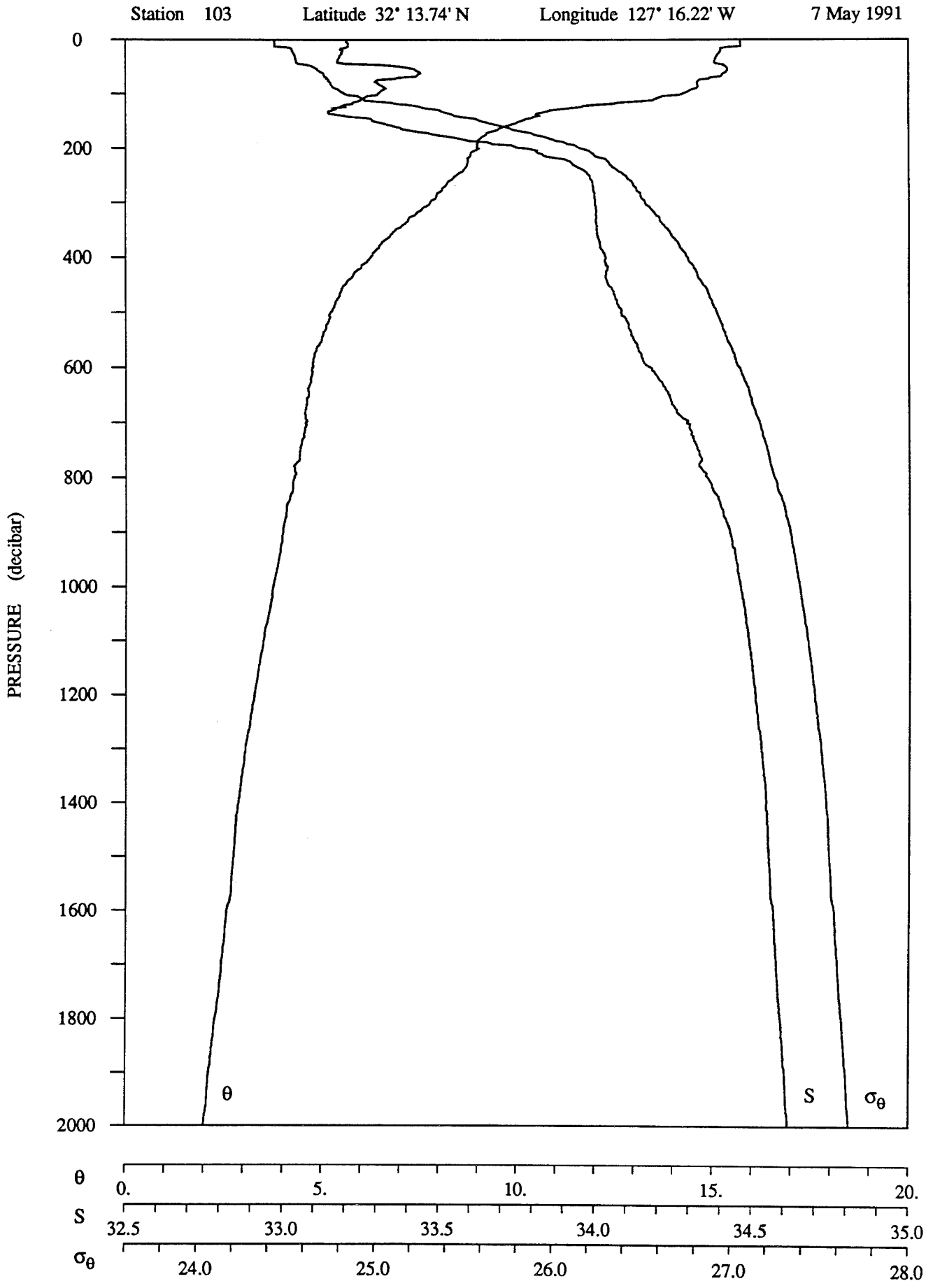
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 102
Latitude 32° 10.54' N
Longitude 127° 17.98' W
7 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 103
Latitude 32° 13.74' N
Longitude 127° 16.22' W
7 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
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34.5
35.0
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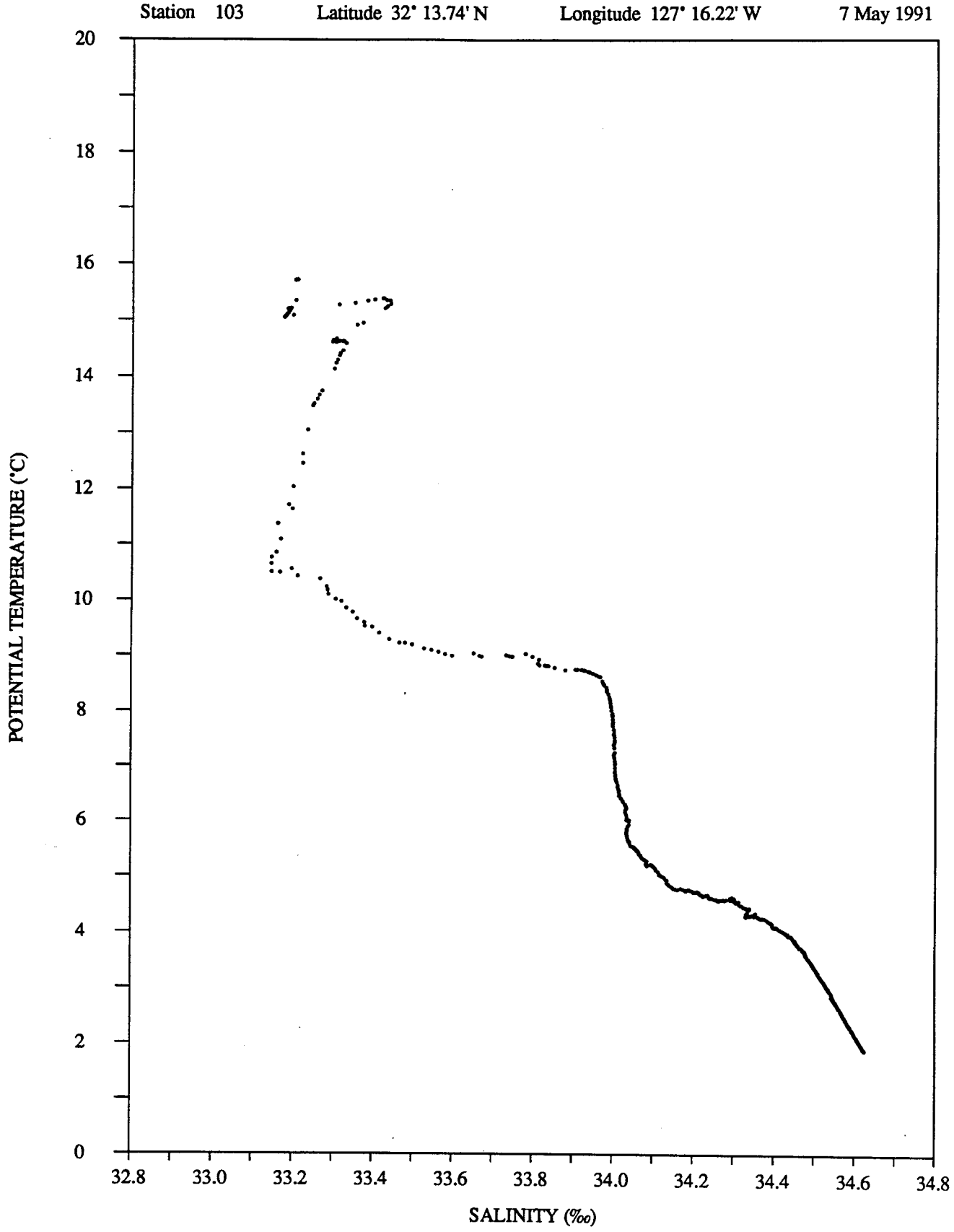
28.0


Station 103
Latitude 32° 13.74' N
Longitude 127° 16.22' W
7 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
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32.8
33.0
33.2
33.4
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34.0
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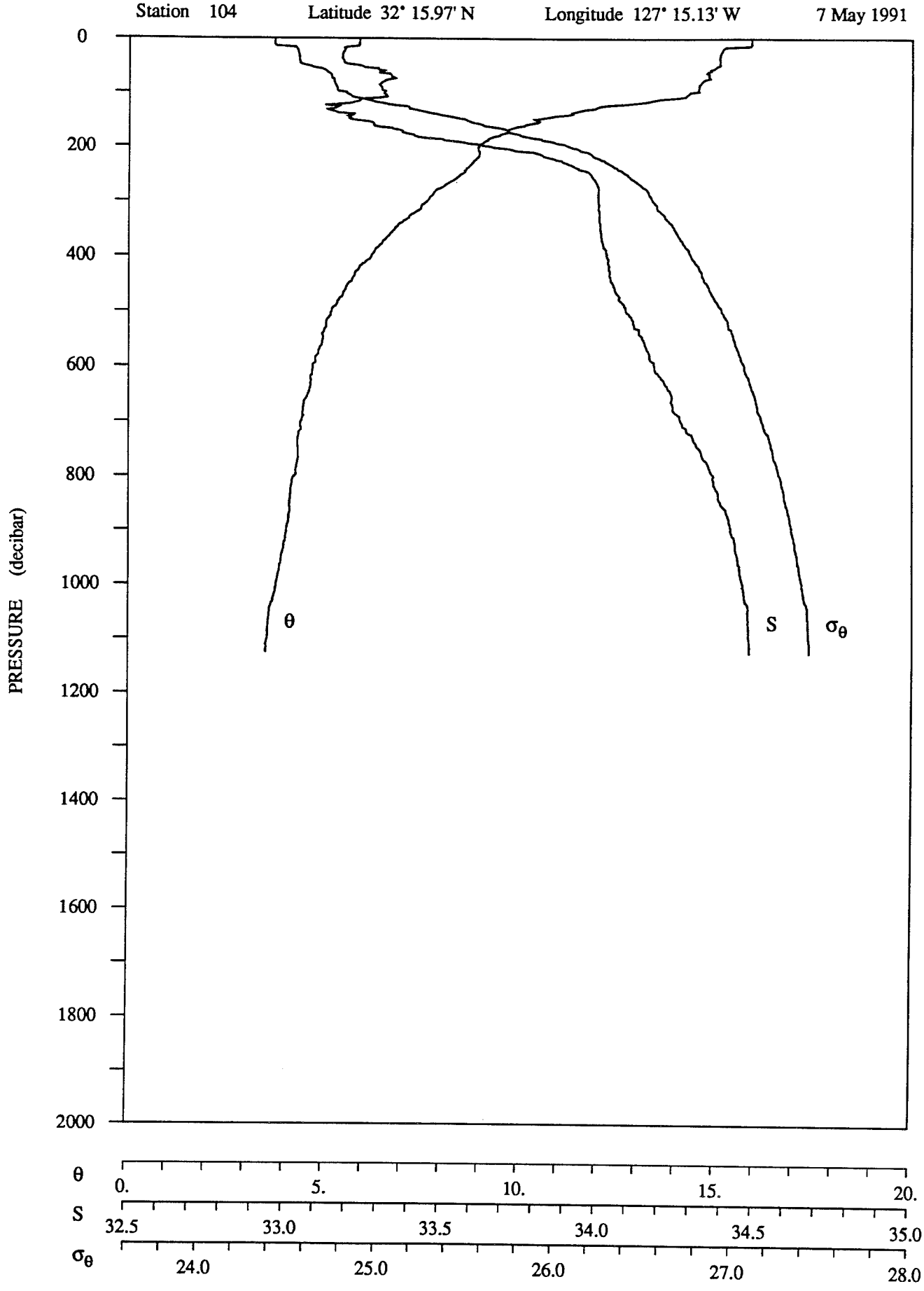
34.4
34.6
34.8
SALINITY (‰)


Station 104
Latitude 32° 15.97' N
Longitude 127° 15.13' W
7 May 1991
PRESSURE (decibar)
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25.0
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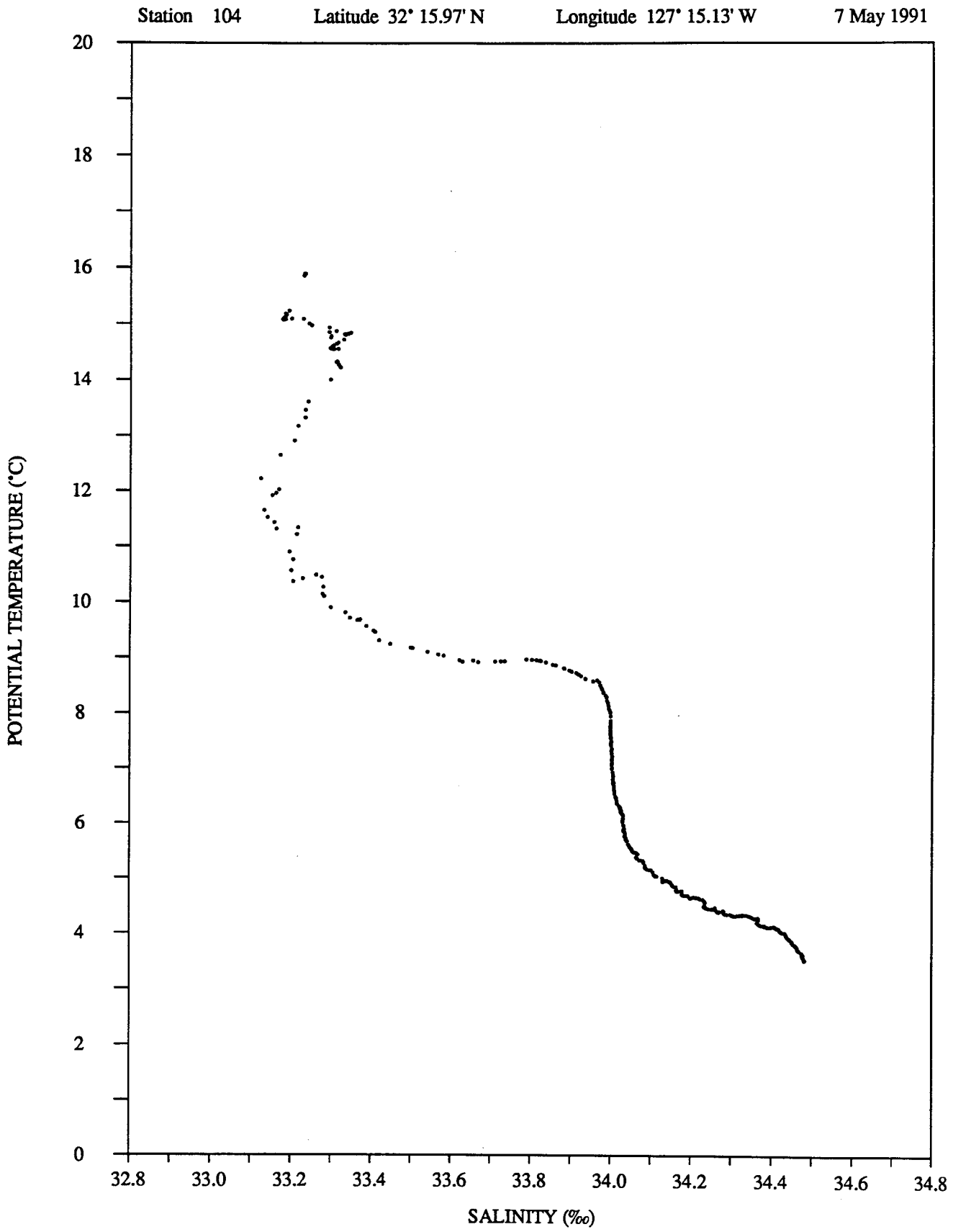
27.0
28.0


Station 104
Latitude 32° 15.97' N
Longitude 127° 15.13' W
7 May 1991
POTENTIAL TEMPERATURE (°C)
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12
10
8
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32.8
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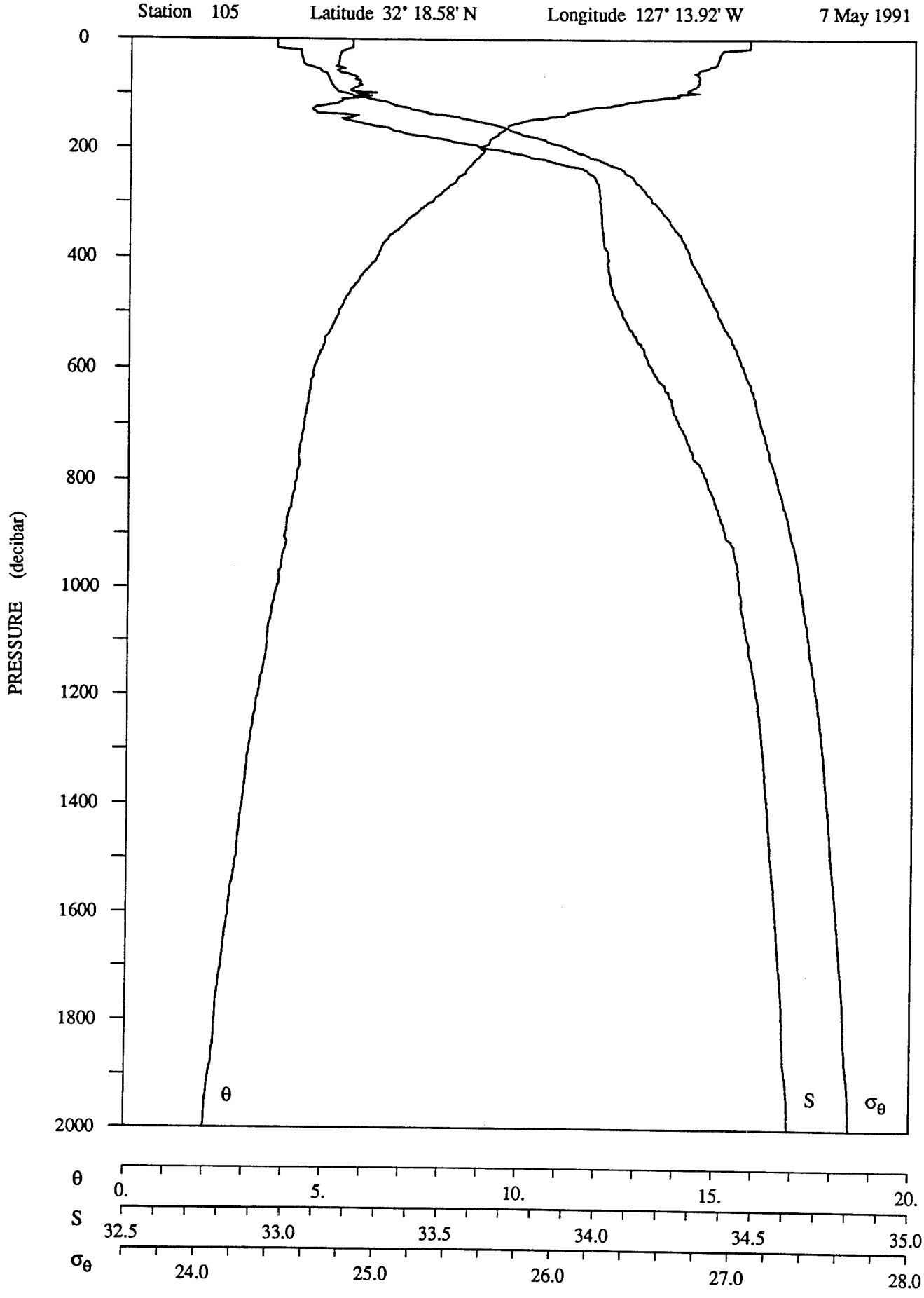
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 105
Latitude 32° 18.58' N
Longitude 127° 13.92' W
7 May 1991
PRESSURE (decibar)
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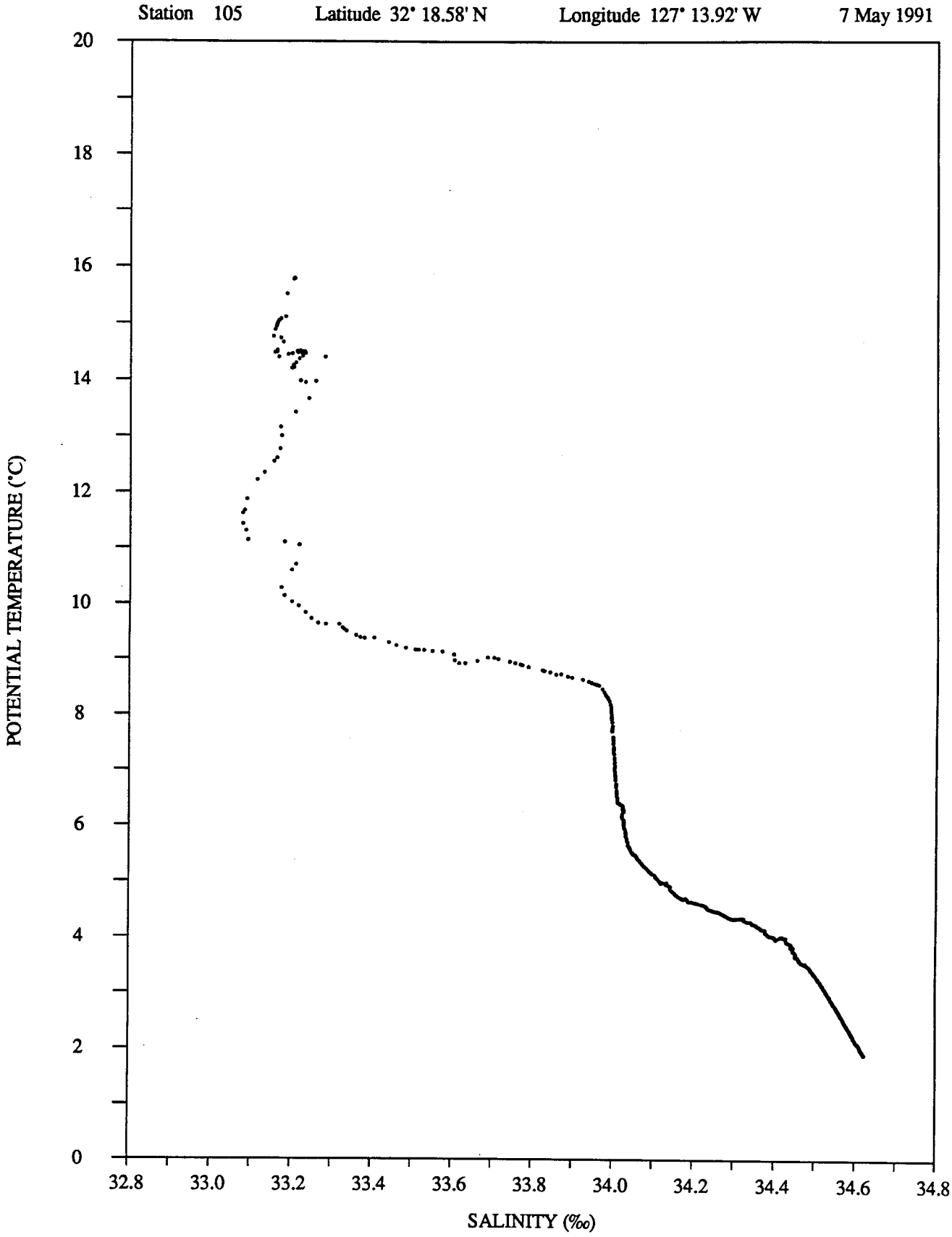
Station 105
Latitude 32° 18.58' N
Longitude 127° 13.92' W
7 May 1991
POTENTIAL TEMPERATURE (°C)
20
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10
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32.8
33.0
33.2
33.4
33.6
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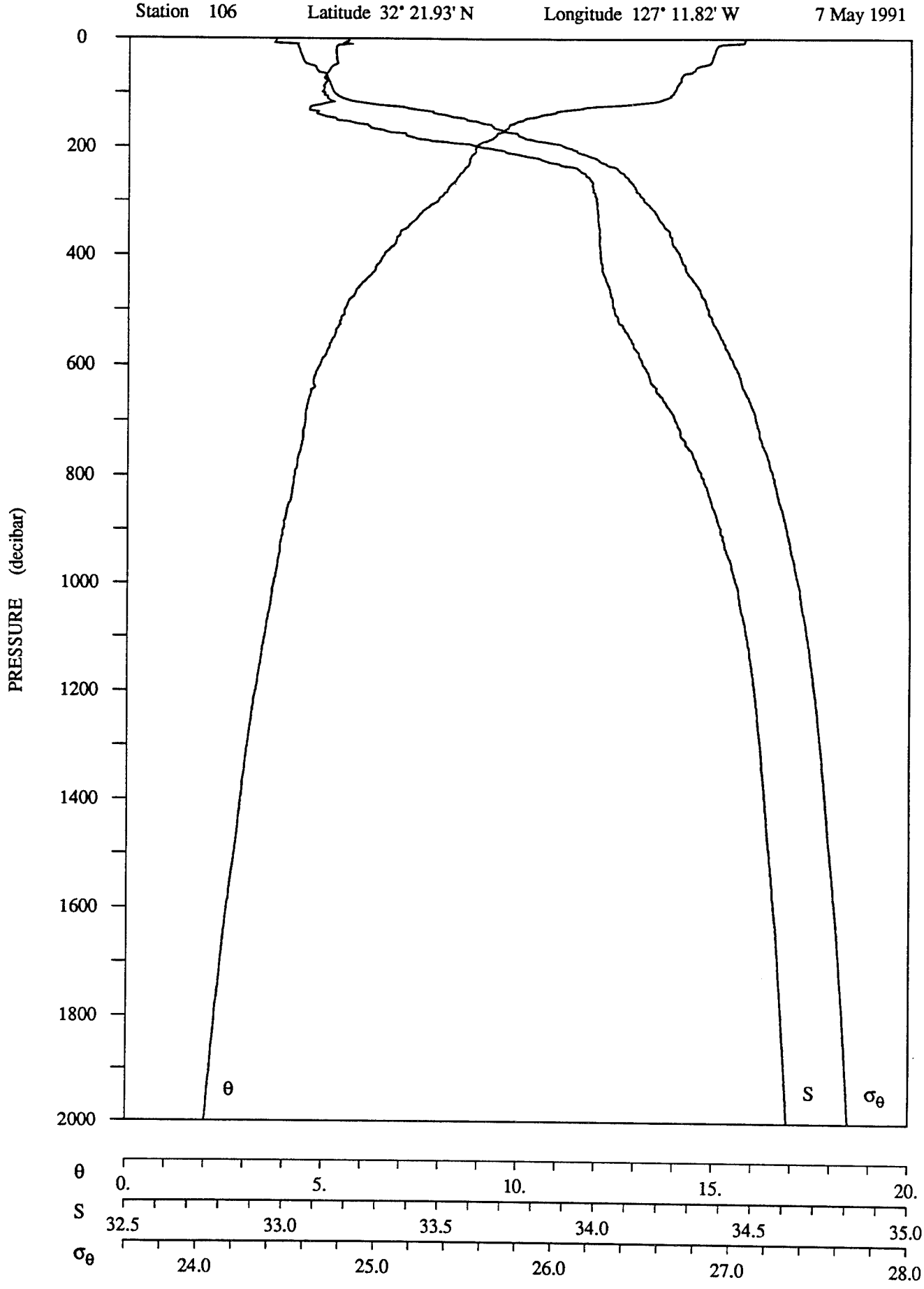
34.4
34.6
34.8
SALINITY (‰)


Station 106
Latitude 32° 21.93' N
Longitude 127° 11.82' W
7 May 1991
PRESSURE (decibar)
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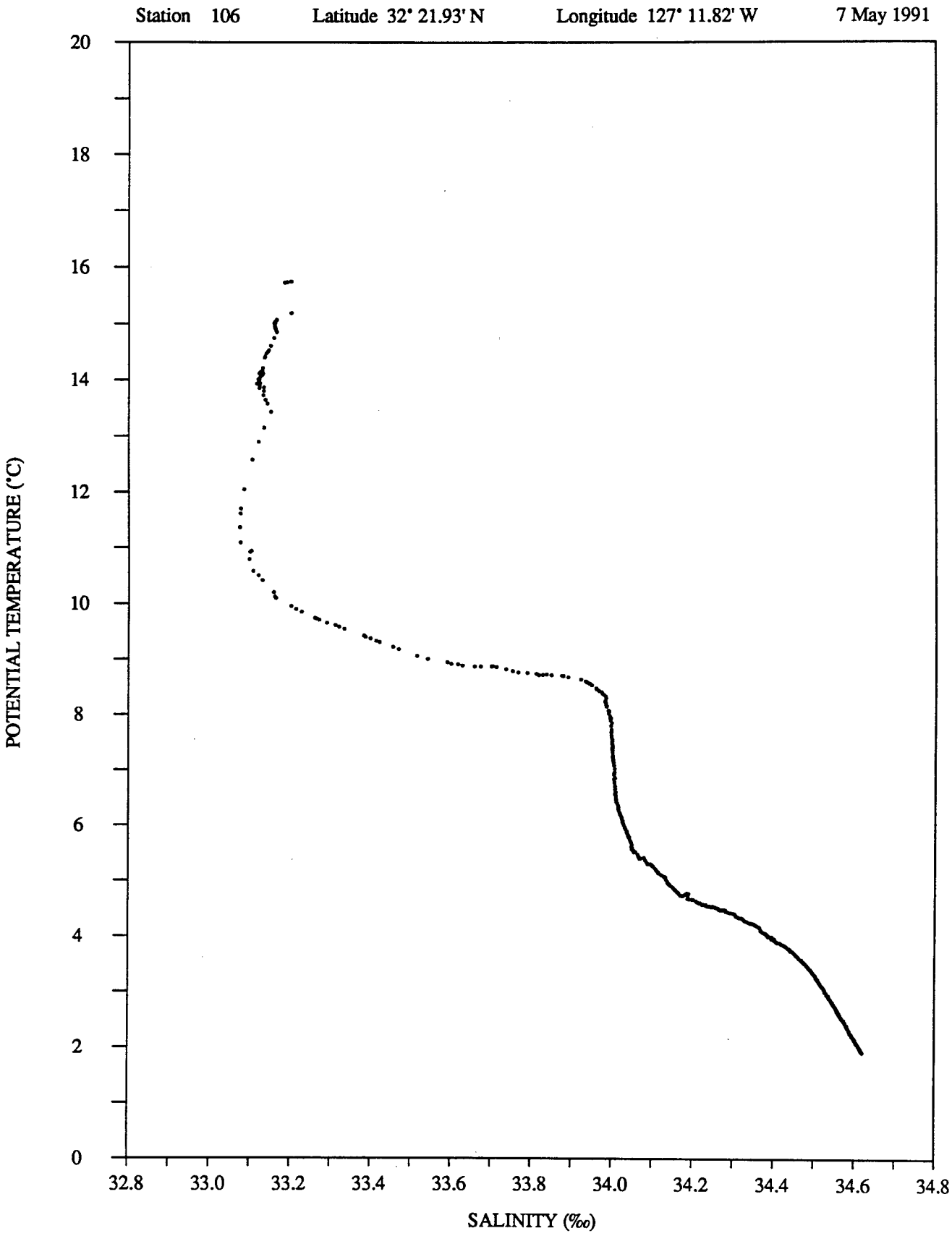
Station 106
Latitude 32° 21.93' N
Longitude 127° 11.82' W
7 May 1991
POTENTIAL TEMPERATURE (°C)
20
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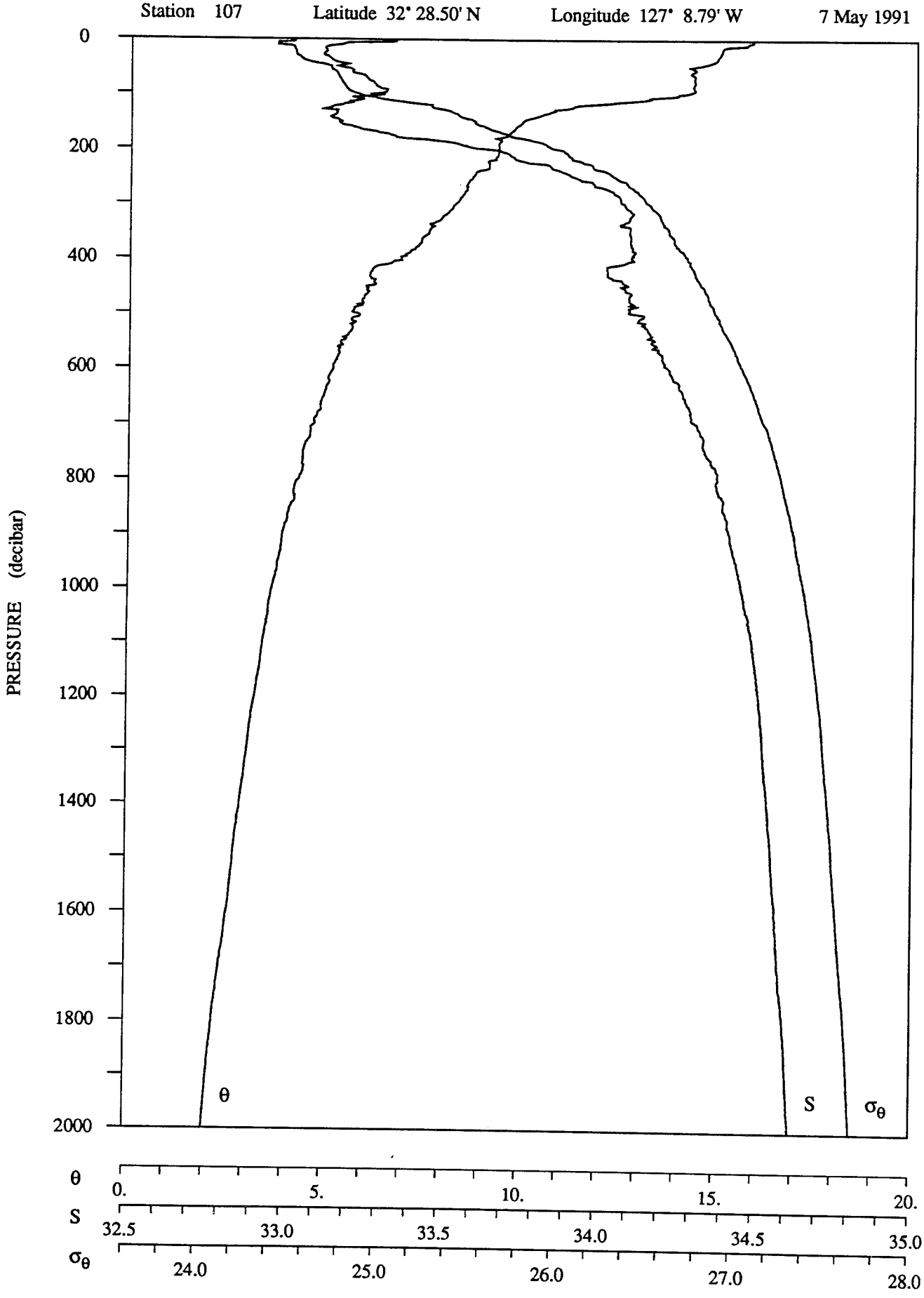
34.6
34.8
SALINITY (‰)


Station 107
Latitude 32° 28.50' N
Longitude 127° 8.79' W
7 May 1991
PRESSURE (decibar)
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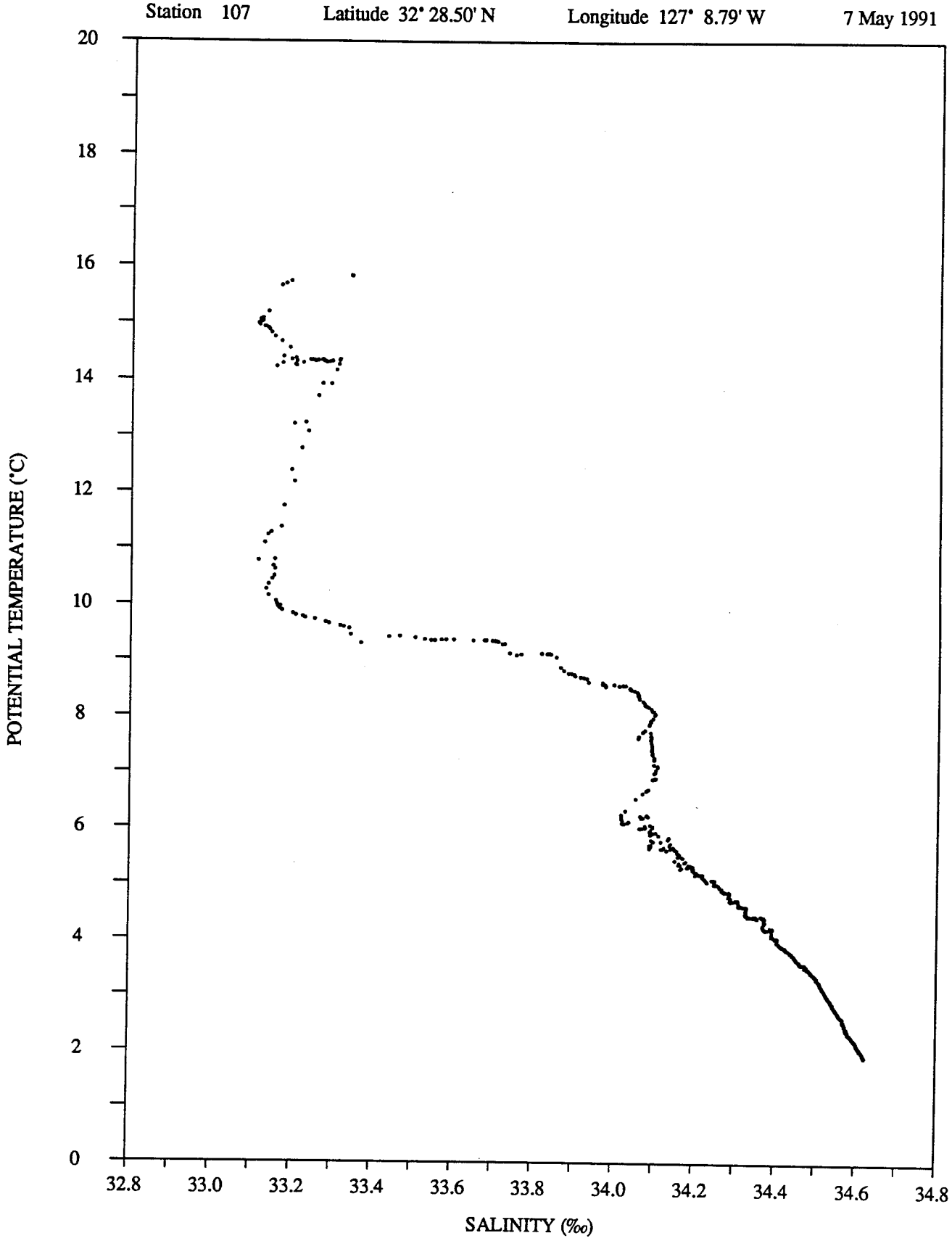
Station 107
Latitude 32° 28.50' N
Longitude 127° 8.79' W
7 May 1991
POTENTIAL TEMPERATURE (°C)
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33.2
33.4
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33.8
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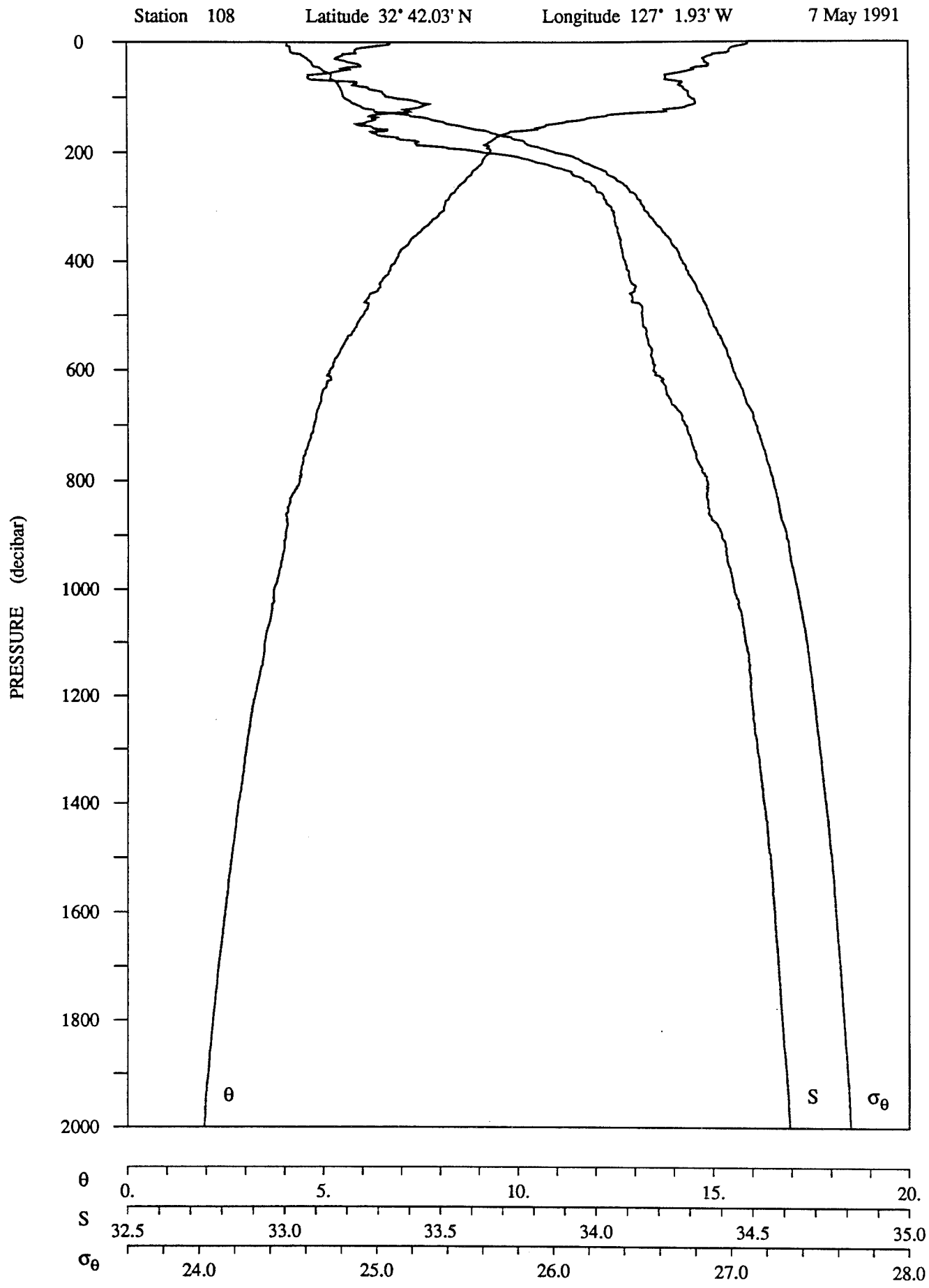
34.4
34.6
34.8
SALINITY (‰)


Station 108
Latitude 32° 42.03' N
Longitude 127° 1.93' W
7 May 1991
PRESSURE (decibar)
0
200
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1200
1400
1600
1800
2000
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10.
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33.5
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σθ
24.0
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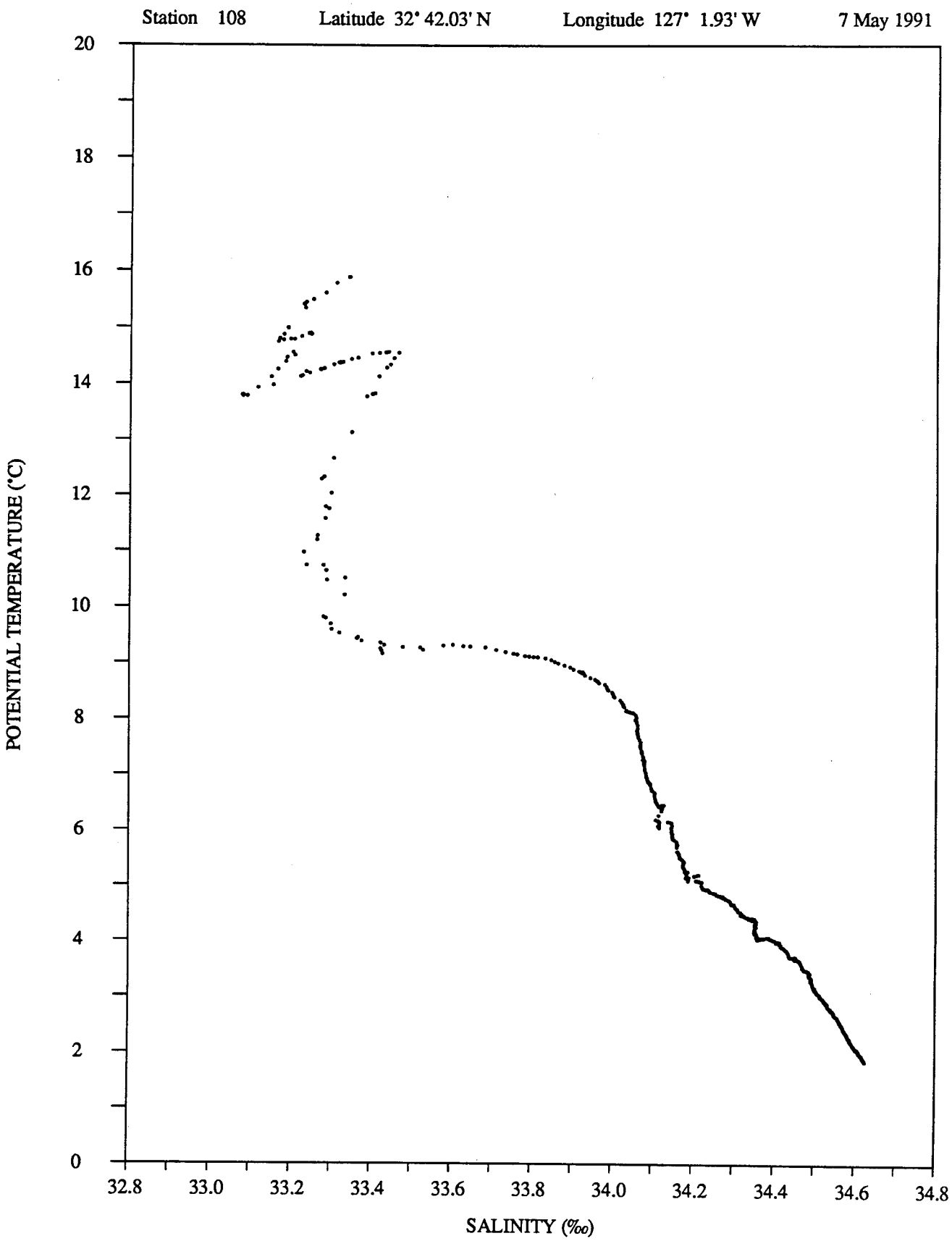
27.0
28.0


Station 108
Latitude 32° 42.03' N
Longitude 127° 1.93' W
7 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
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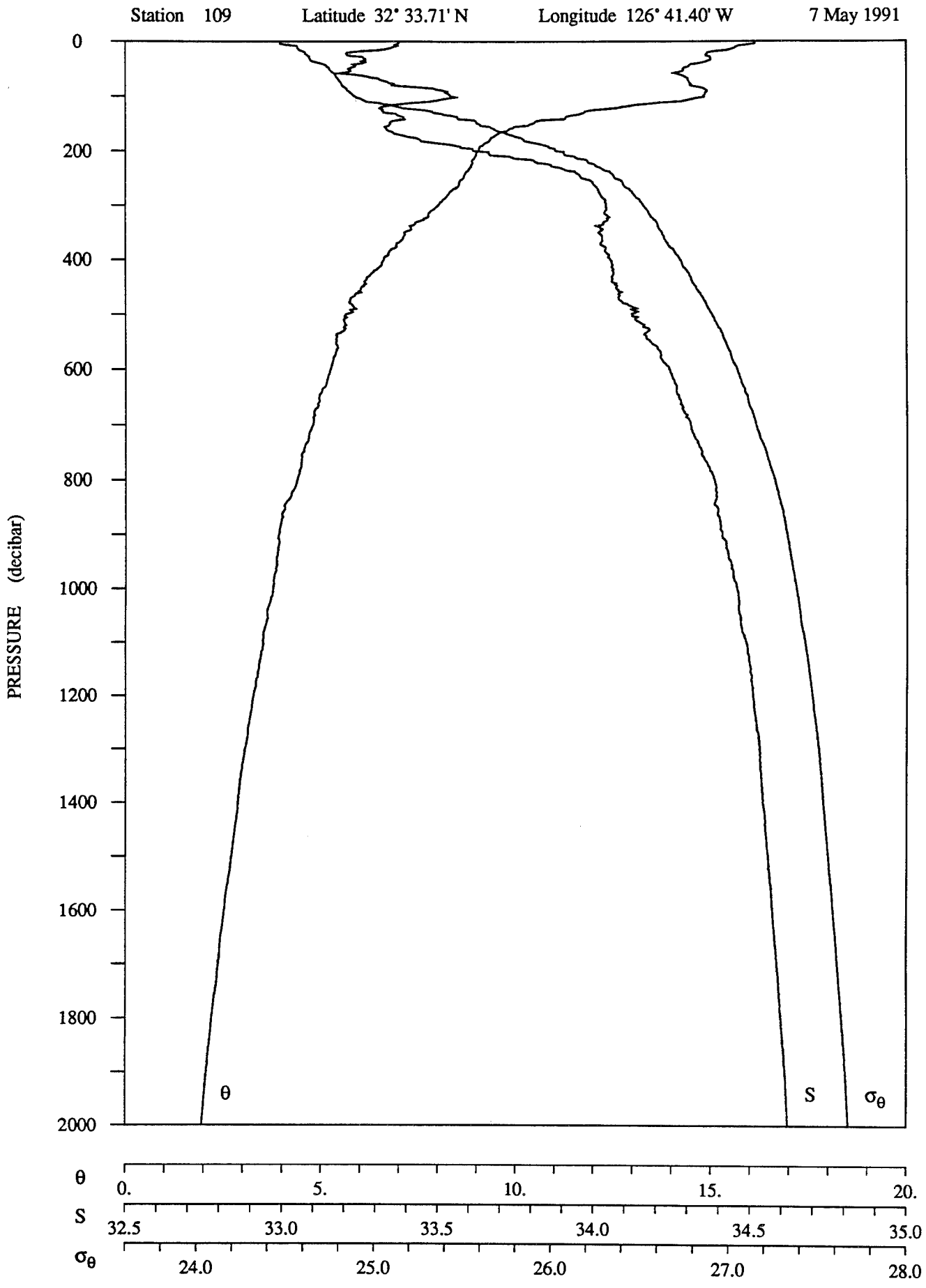
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 109
Latitude 32° 33.71' N
Longitude 126° 41.40' W
7 May 1991
PRESSURE (decibar)
0
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1000
1200
1400
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σθ
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5.
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32.5
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34.5
35.0
σθ
24.0
25.0
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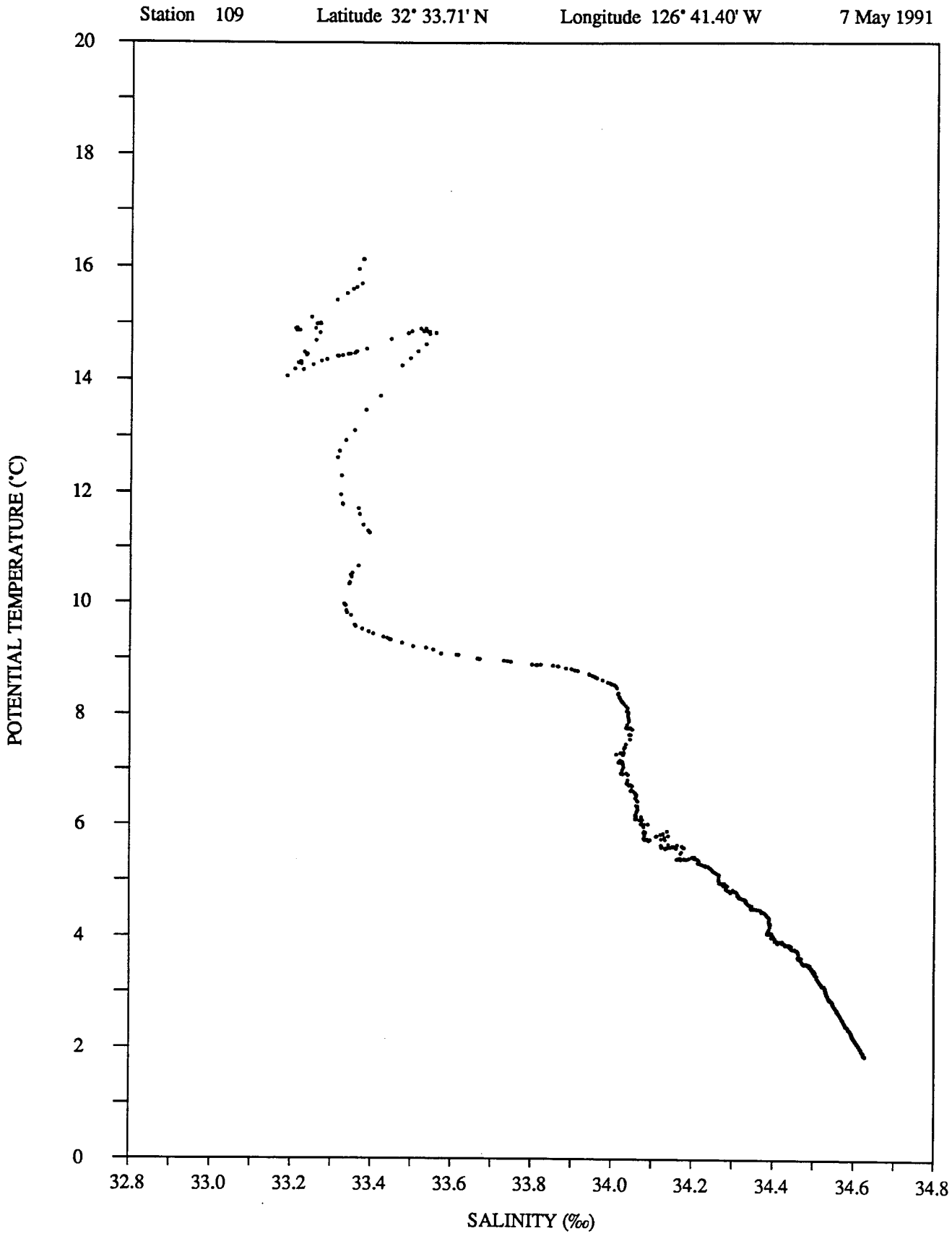
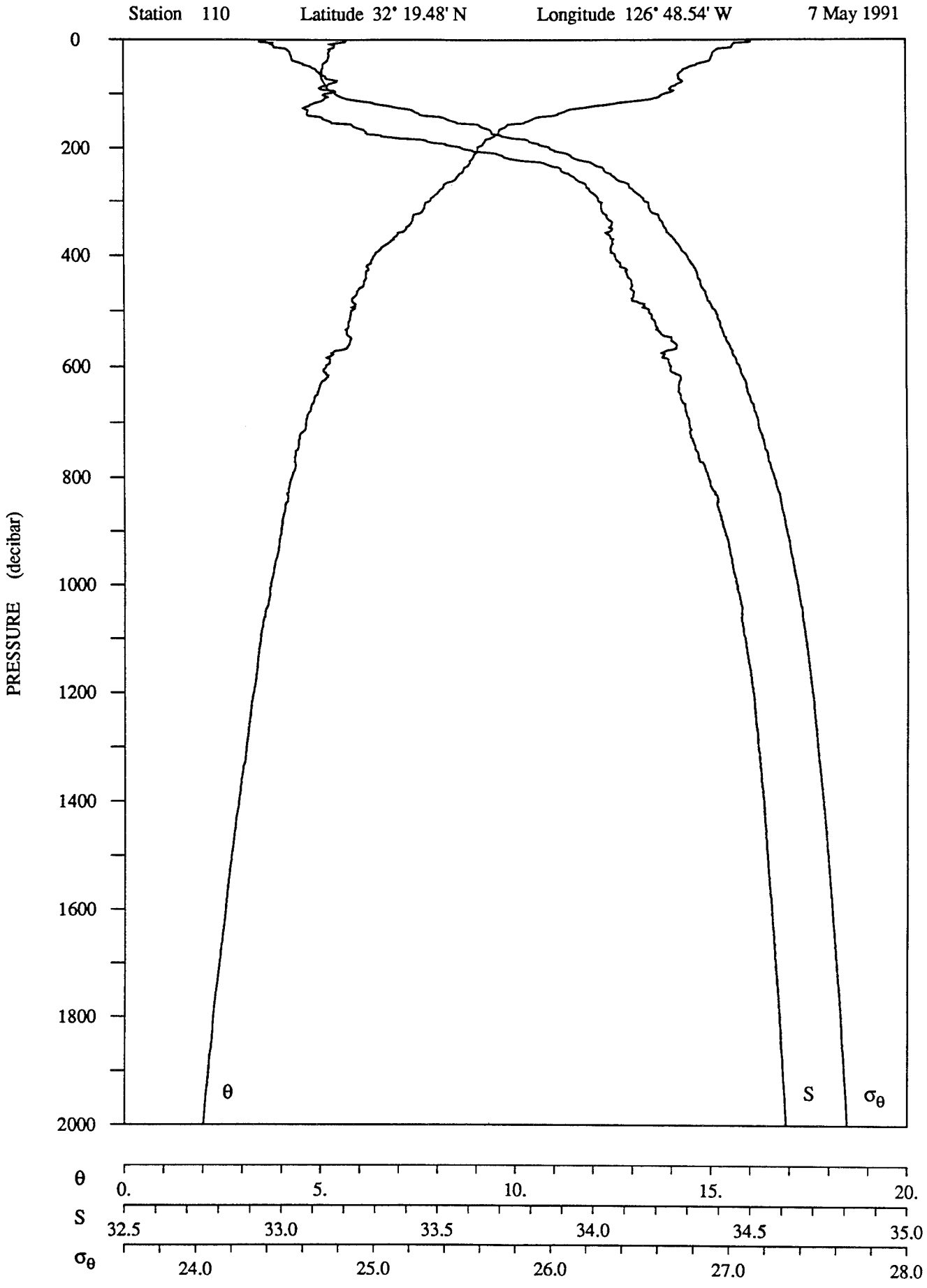
27.0
28.0


Station 109
Latitude 32° 33.71' N
Longitude 126° 41.40' W
7 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 110
Latitude 32° 19.48' N
Longitude 126° 48.54' W
7 May 1991
PRESSURE (decibar)
0
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σθ
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34.5
35.0
σθ
24.0
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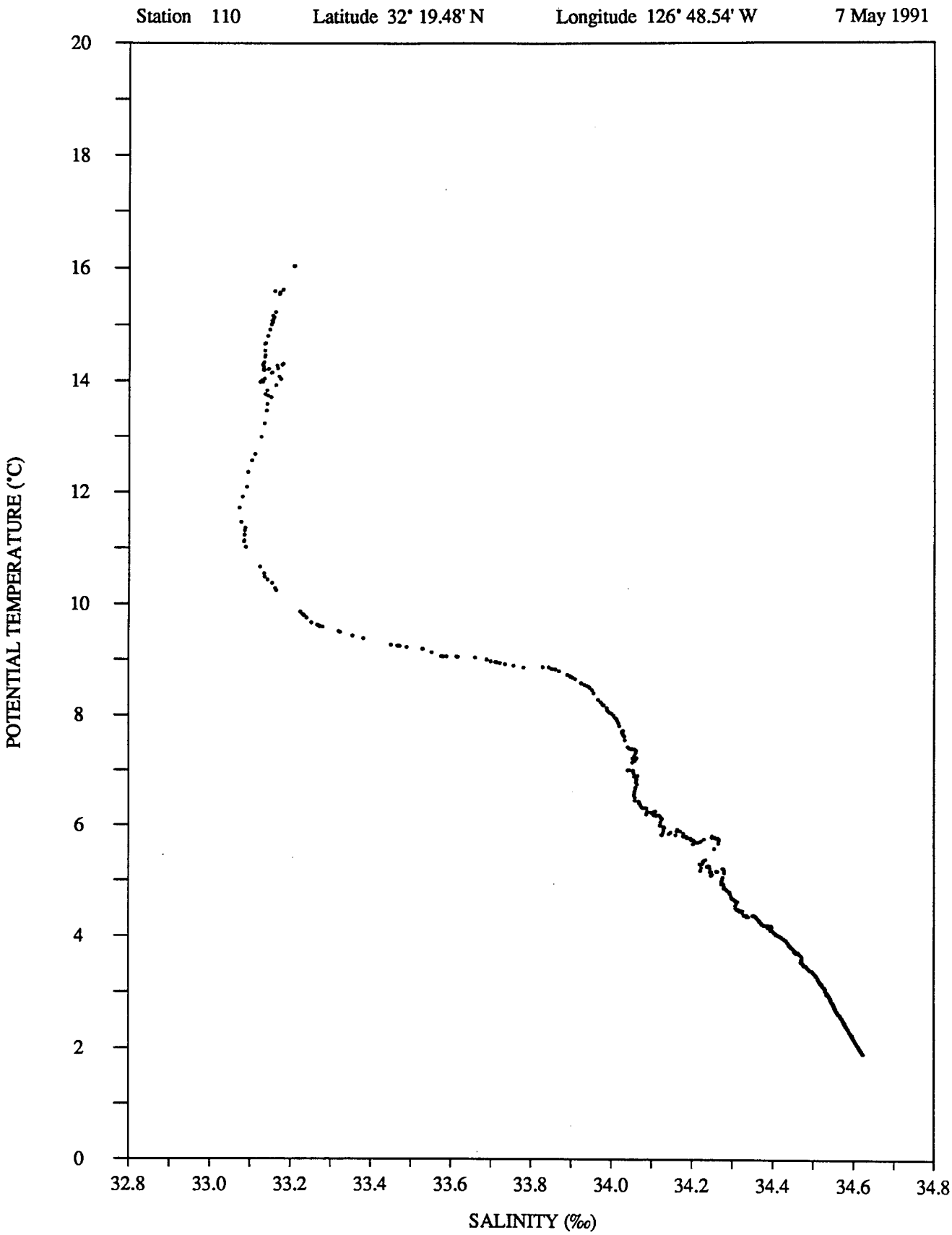
28.0


Station 110
Latitude 32° 19.48' N
Longitude 126° 48.54' W
7 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
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8
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32.8
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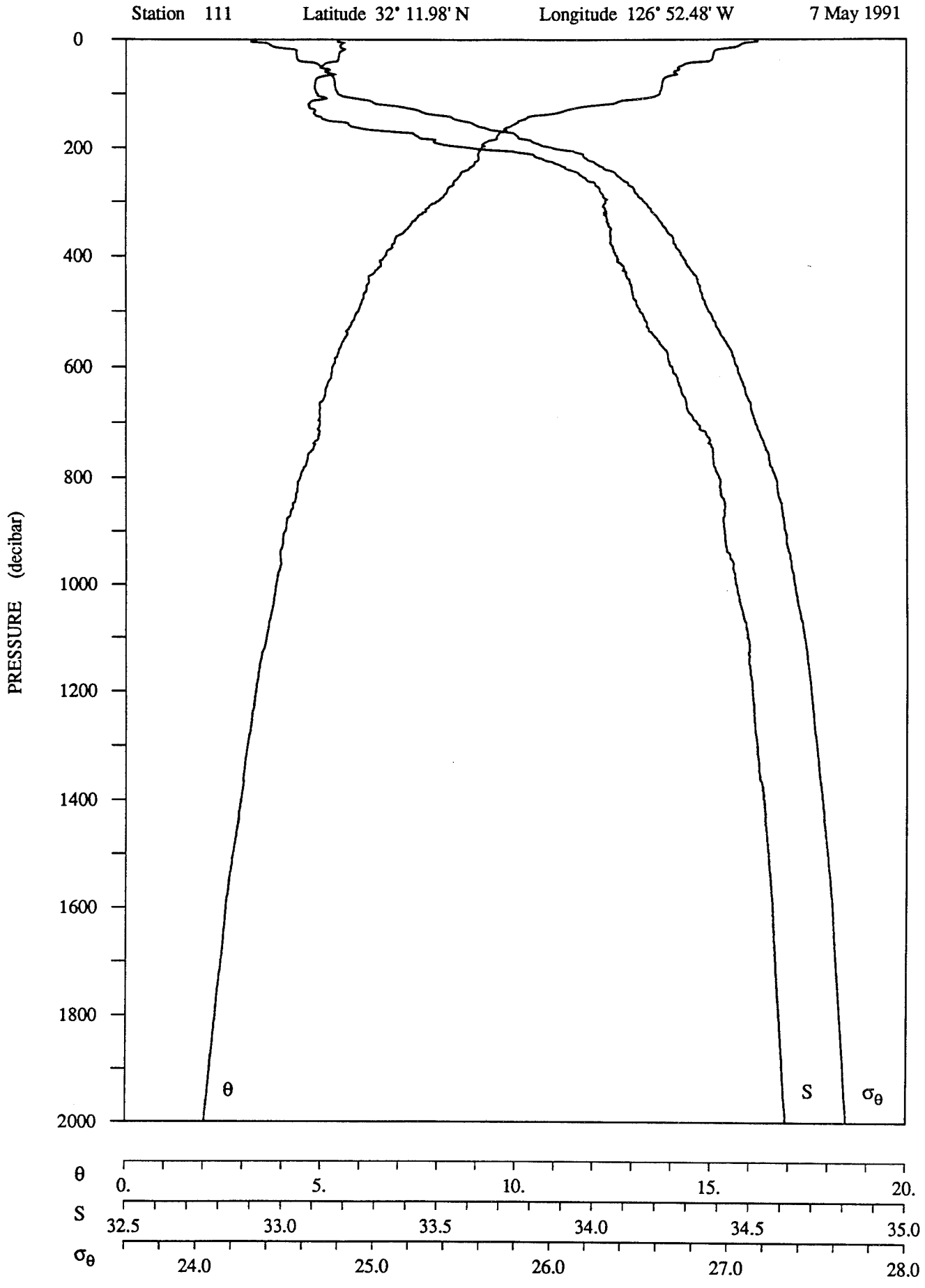
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 111
Latitude 32° 11.98' N
Longitude 126° 52.48' W
7 May 1991
PRESSURE (decibar)
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200
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1400
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σθ
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5.
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33.0
33.5
34.0
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35.0
σθ
24.0
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27.0
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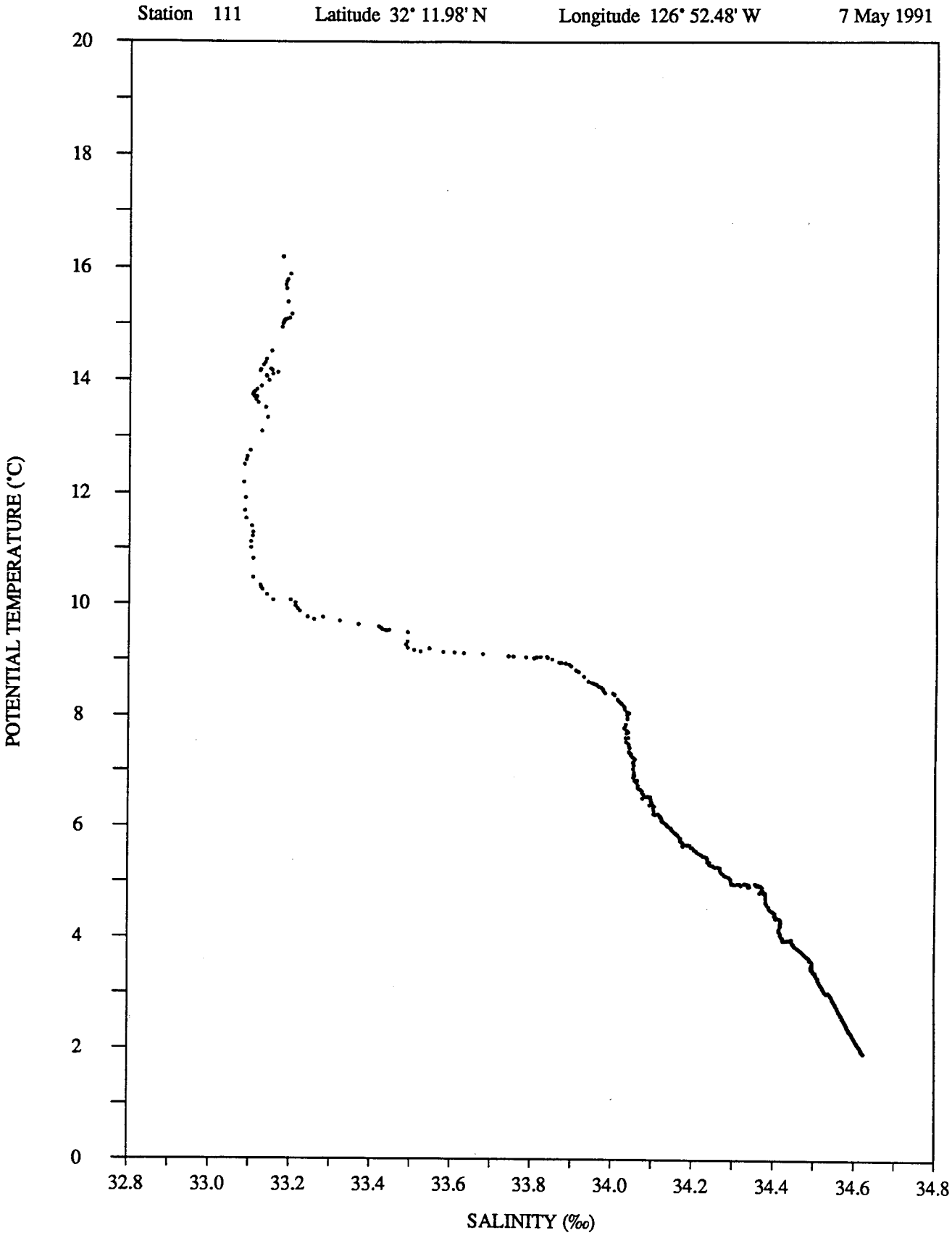
Station 111
Latitude 32° 11.98' N
Longitude 126° 52.48' W
7 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
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8
6
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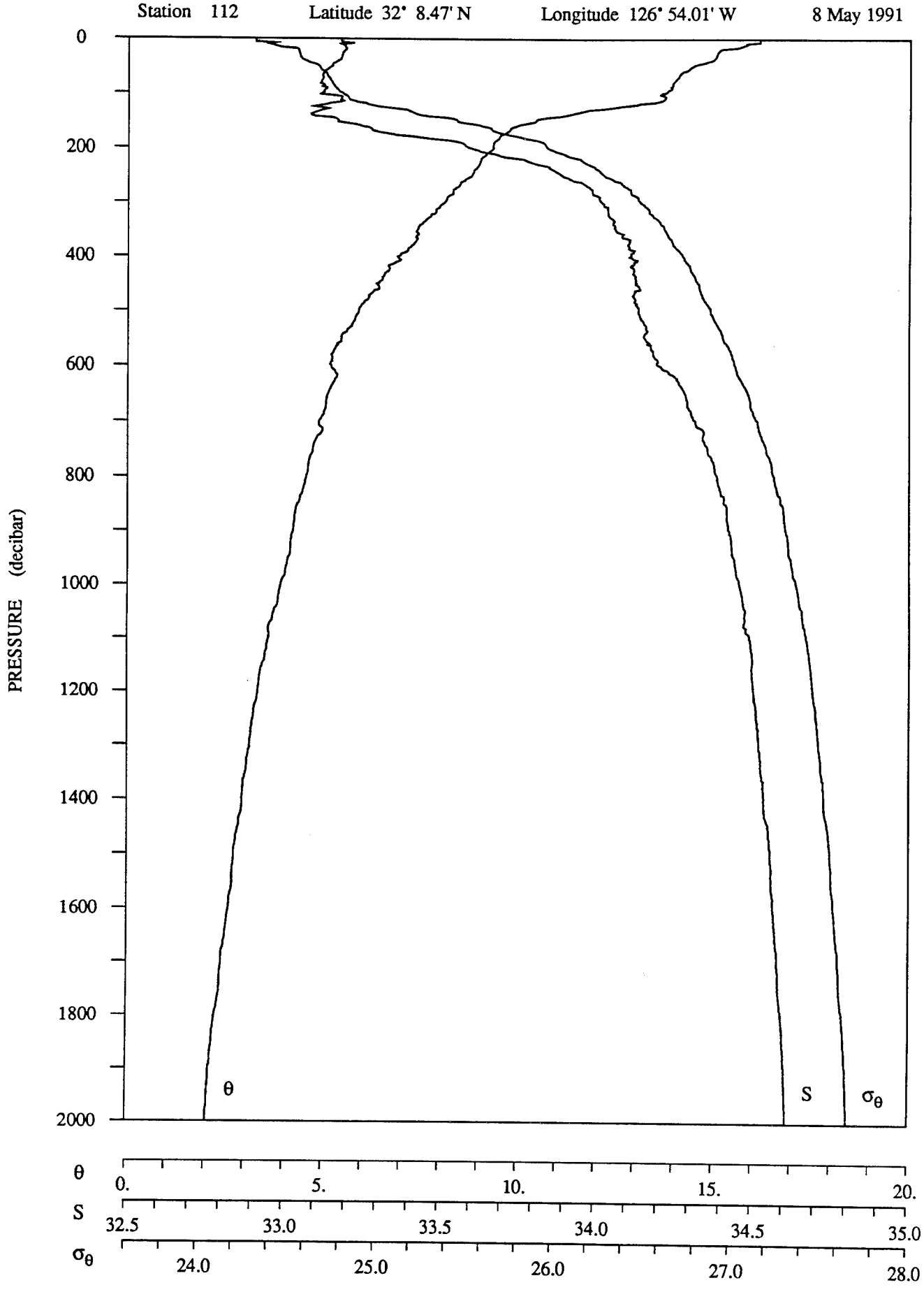
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 112
Latitude 32° 8.47' N
Longitude 126° 54.01' W
8 May 1991
PRESSURE (decibar)
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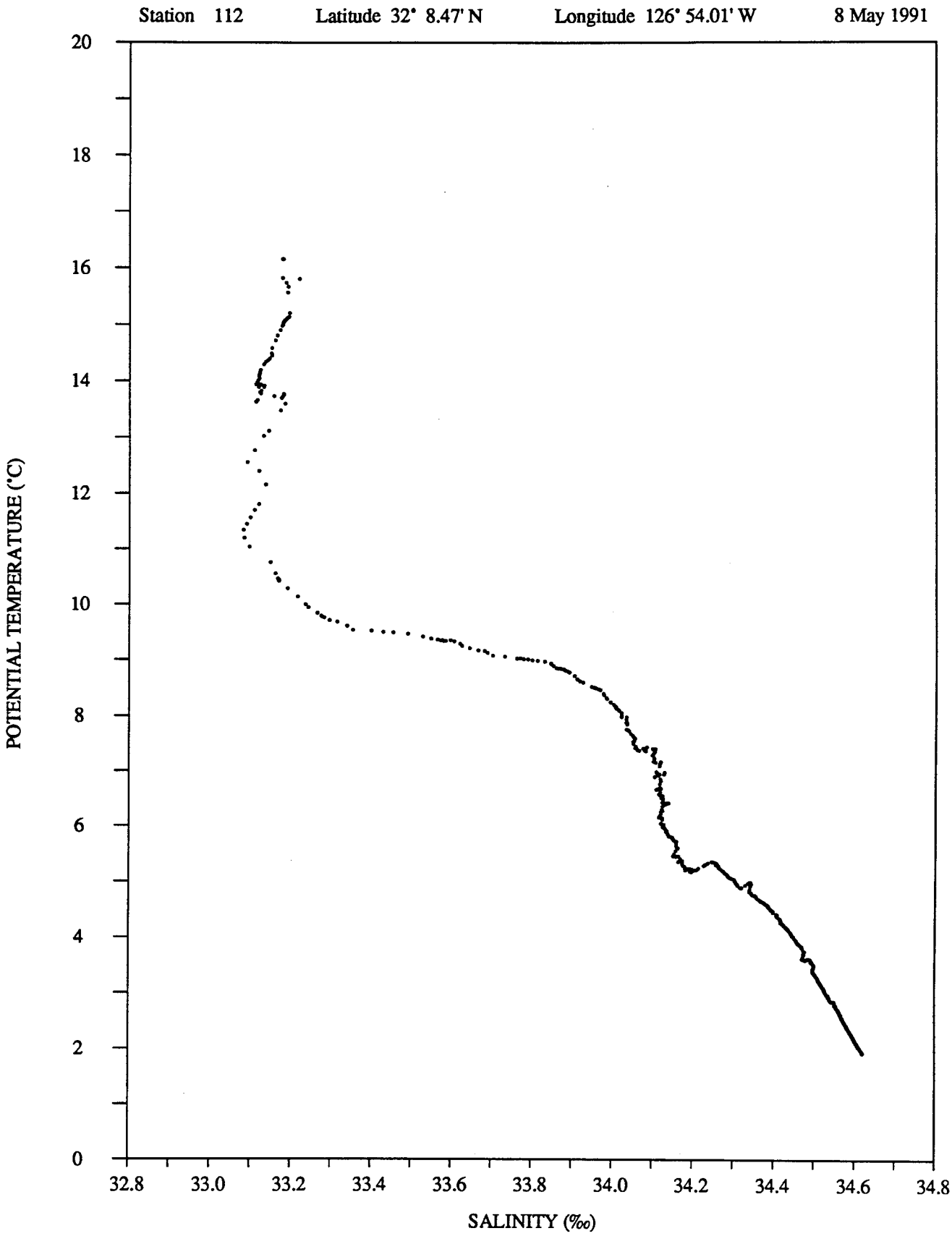
Station 112
Latitude 32° 8.47' N
Longitude 126° 54.01' W
8 May 1991
POTENTIAL TEMPERATURE (°C)
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33.2
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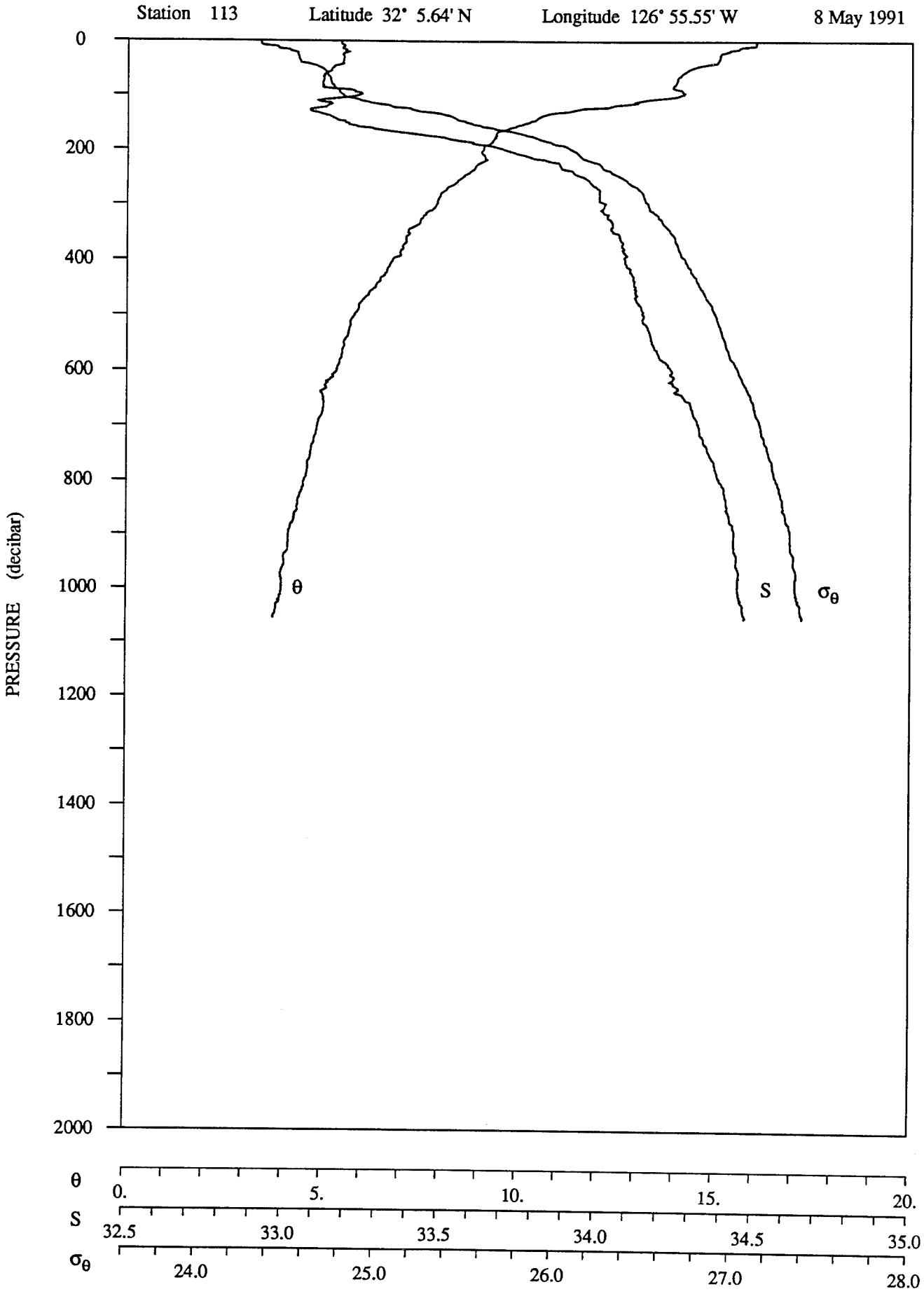
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)


Station 113
Latitude 32° 5.64' N
Longitude 126° 55.55' W
8 May 1991
PRESSURE (decibar)
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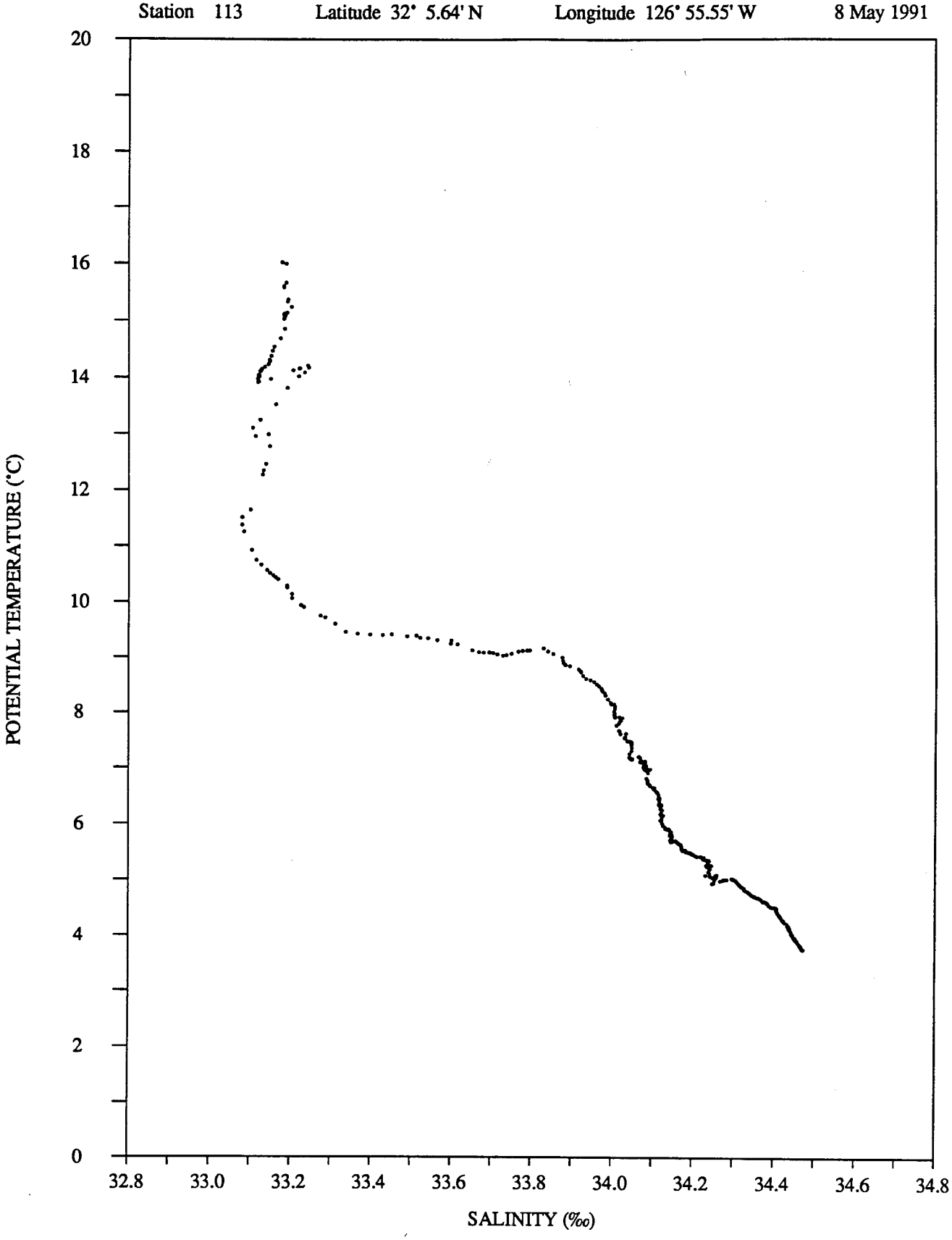
Station 113
Latitude 32° 5.64' N
Longitude 126° 55.55' W
8 May 1991
POTENTIAL TEMPERATURE (°C)
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32.8
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33.2
33.4
33.6
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34.0
34.2
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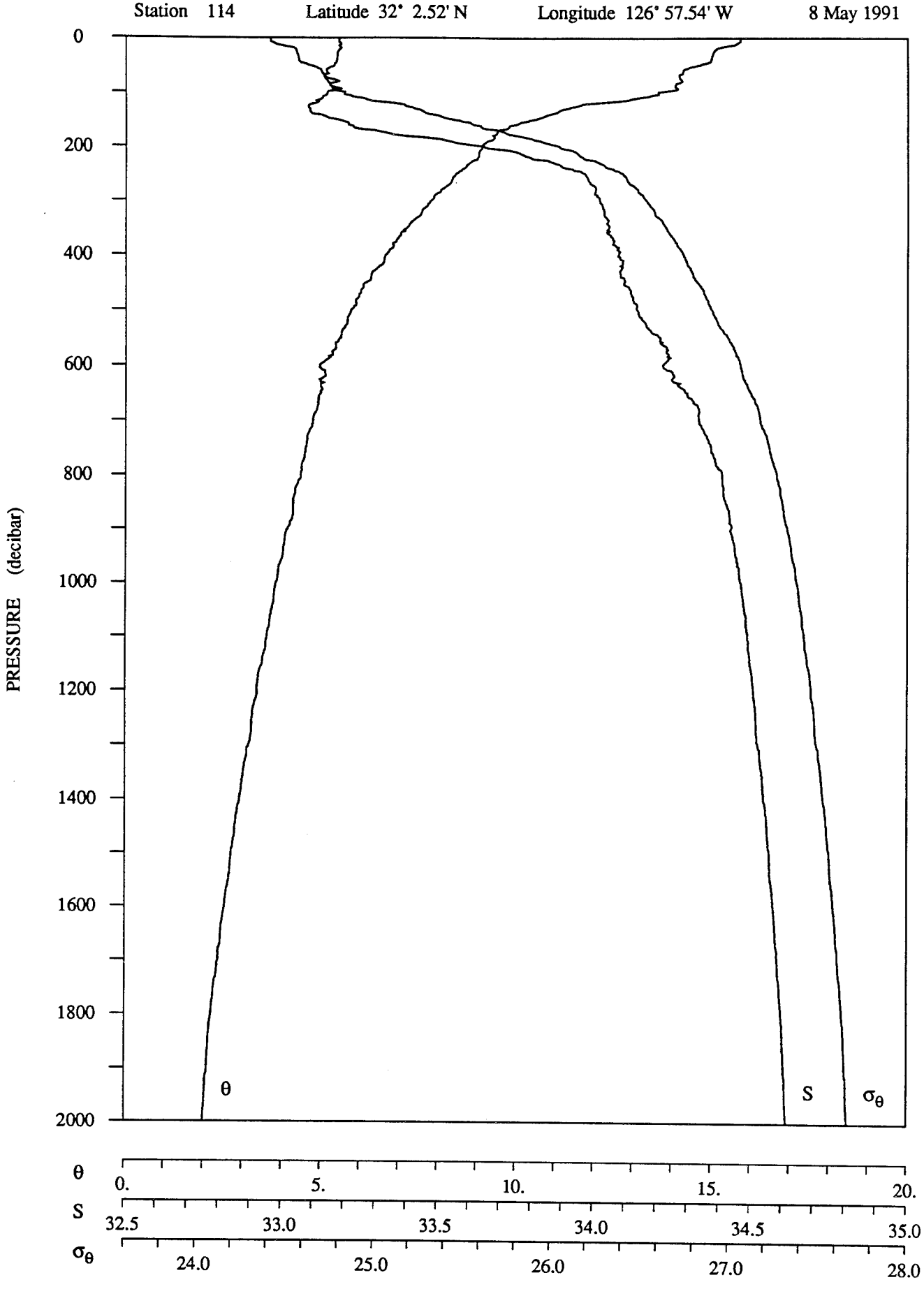
34.6
34.8
SALINITY (‰)


Station 114
Latitude 32° 2.52' N
Longitude 126° 57.54' W
8 May 1991
PRESSURE (decibar)
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27.0
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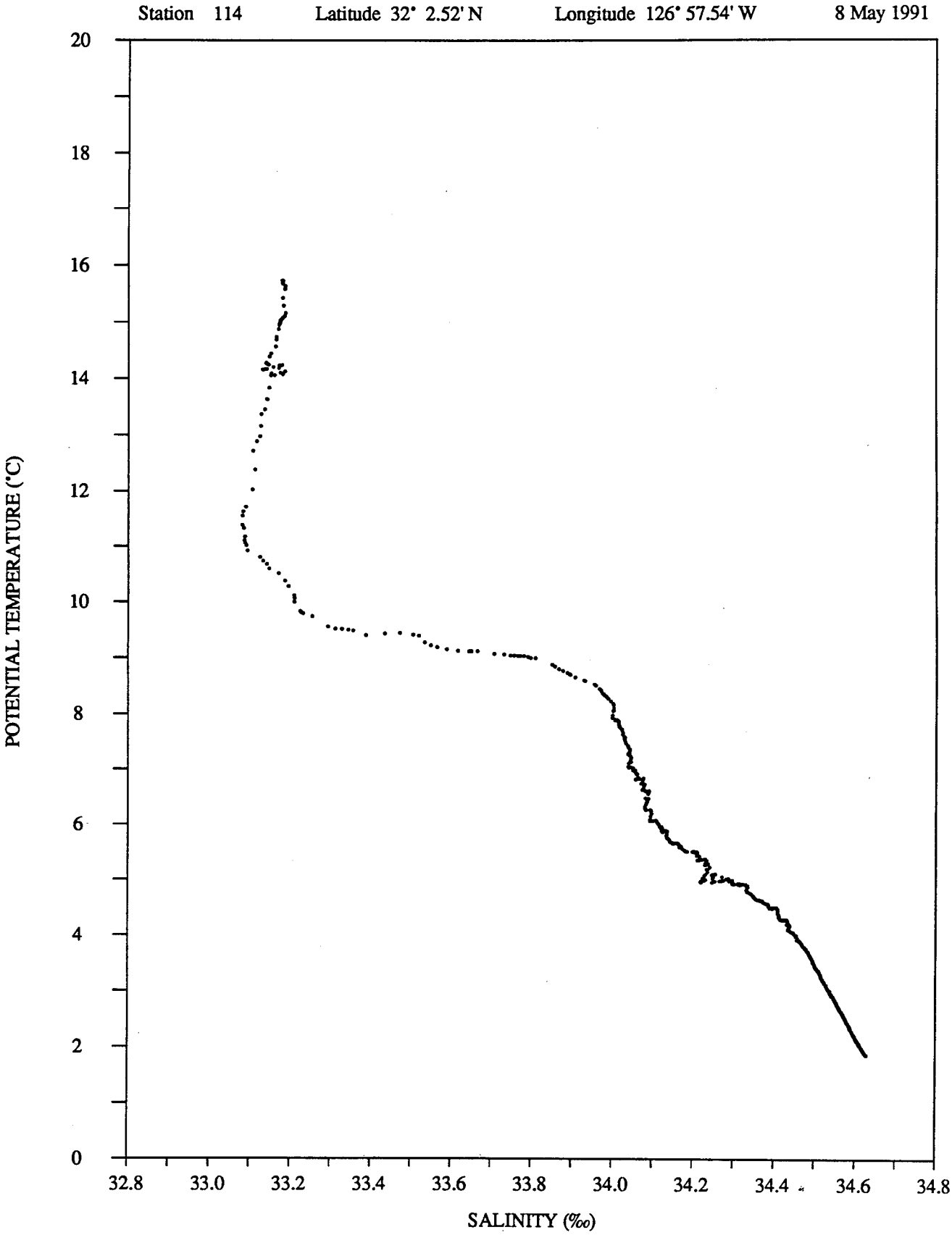
Station 114
Latitude 32° 2.52' N
Longitude 126° 57.54' W
8 May 1991
POTENTIAL TEMPERATURE (°C)
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33.2
33.4
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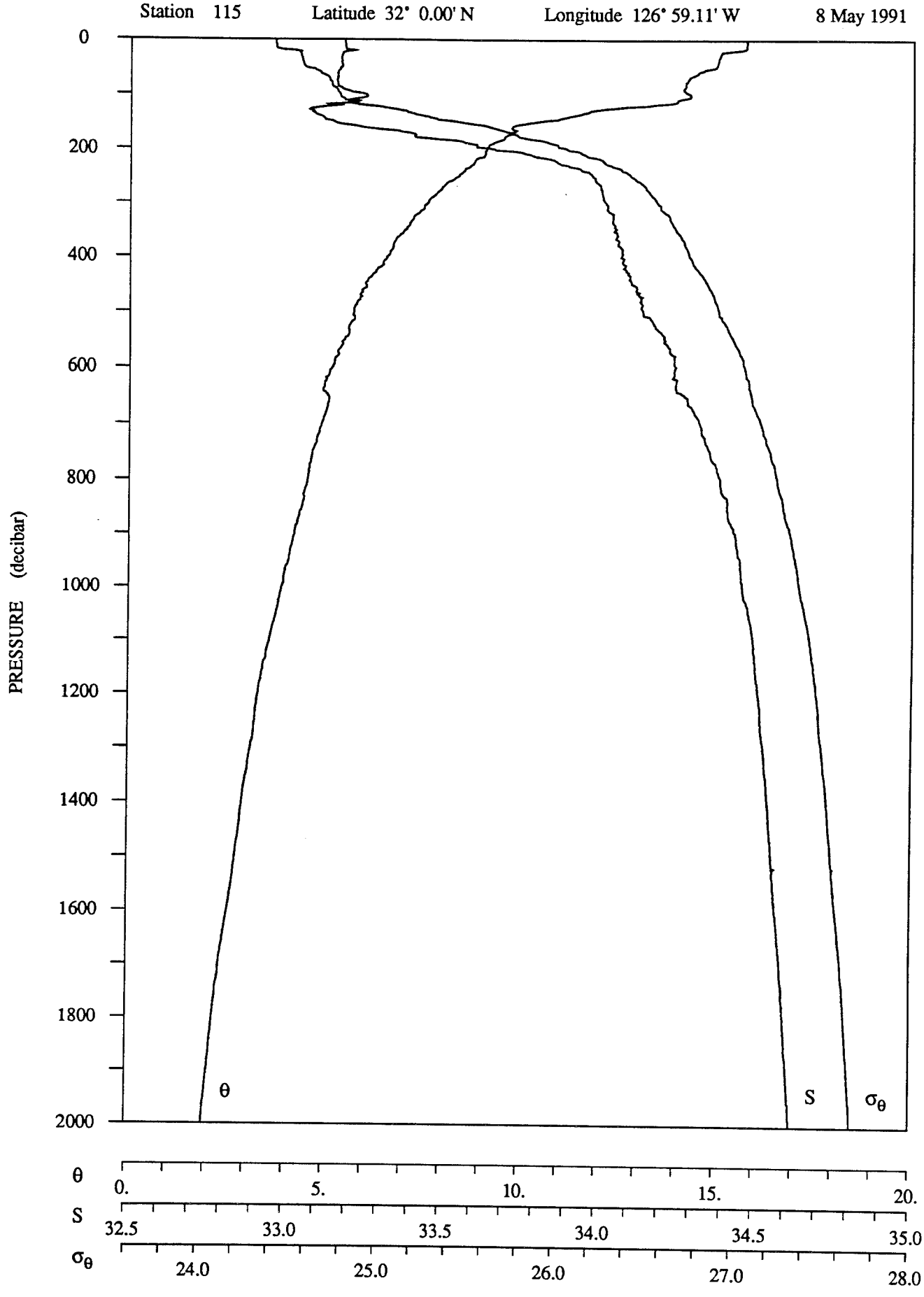
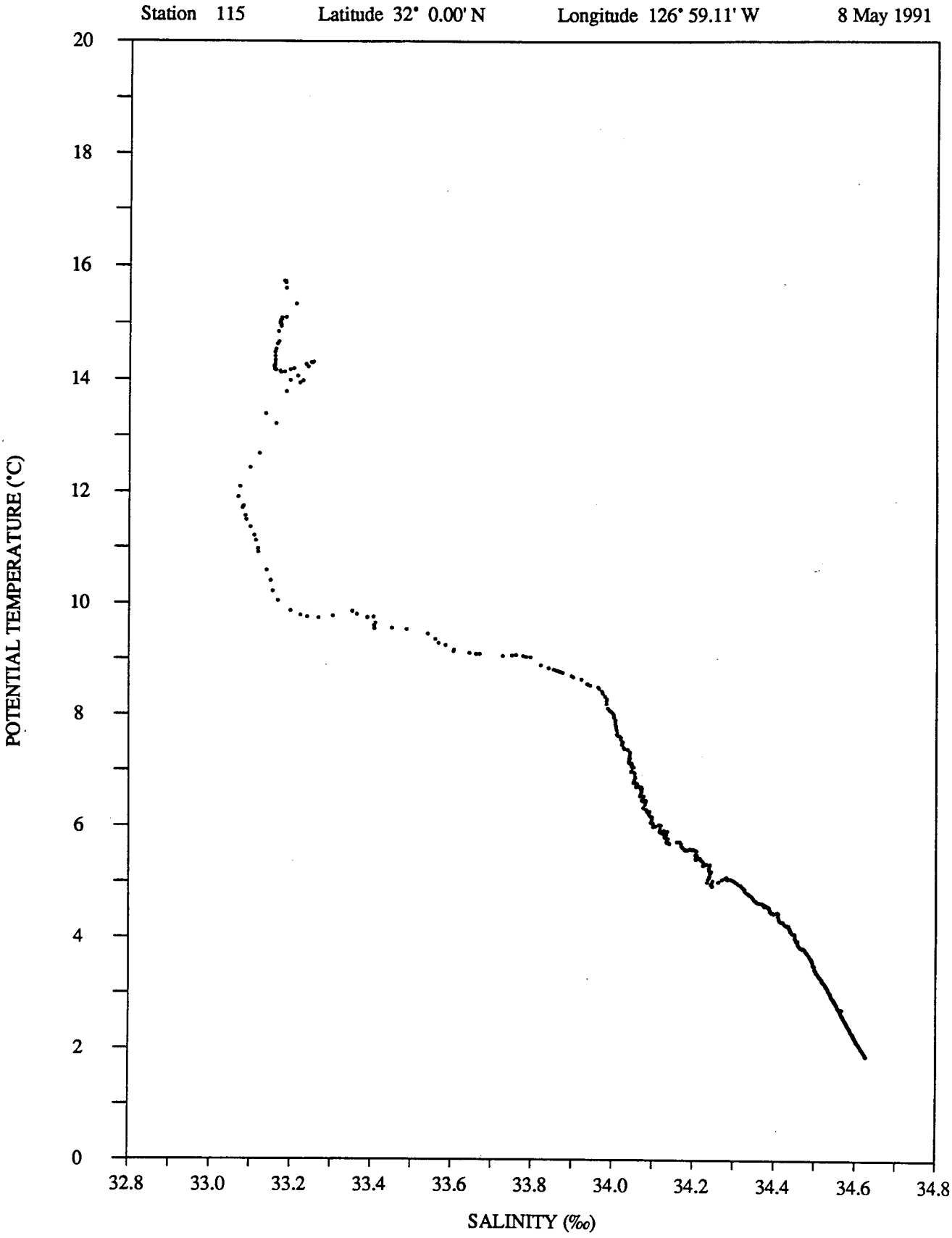
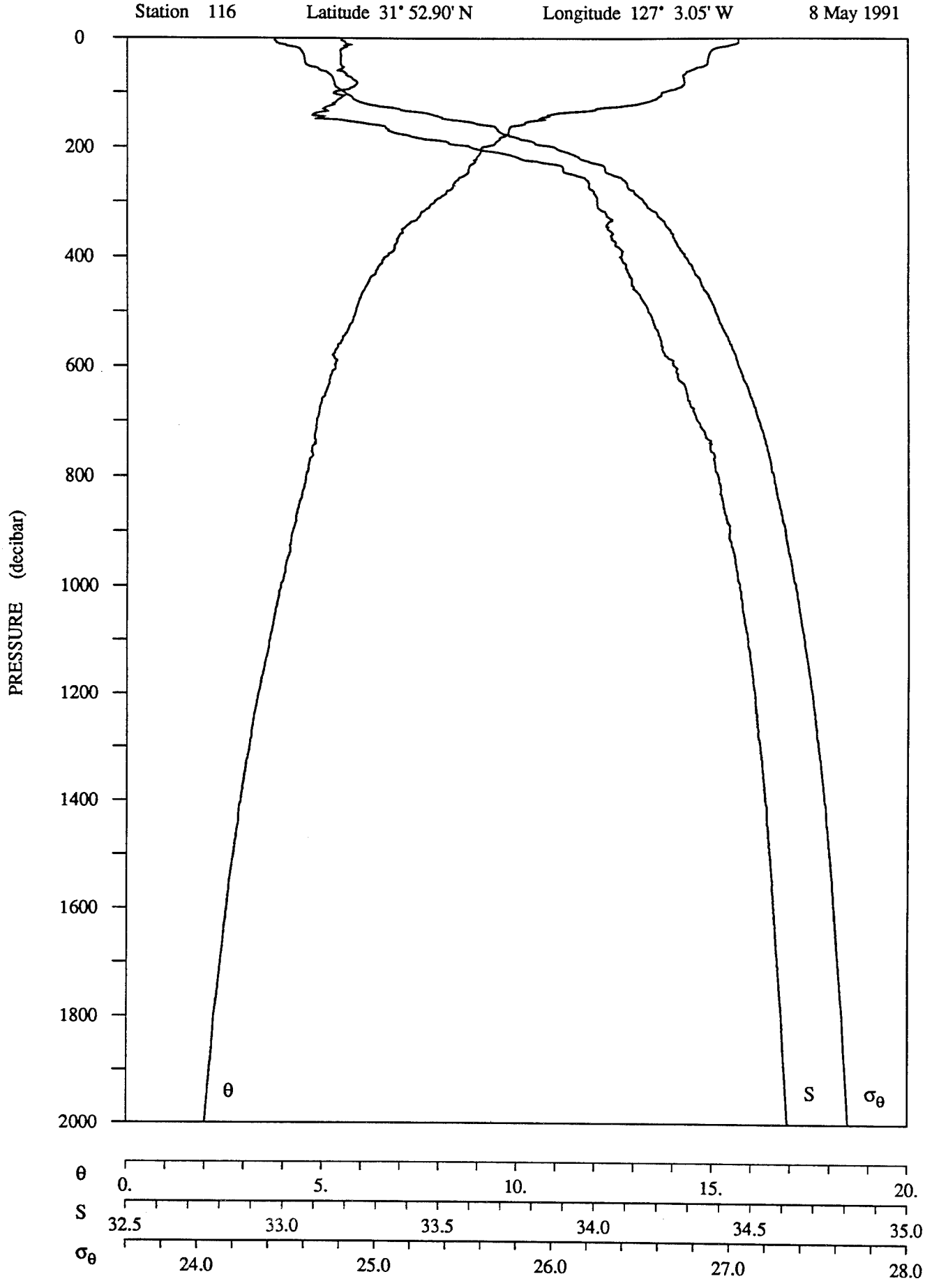
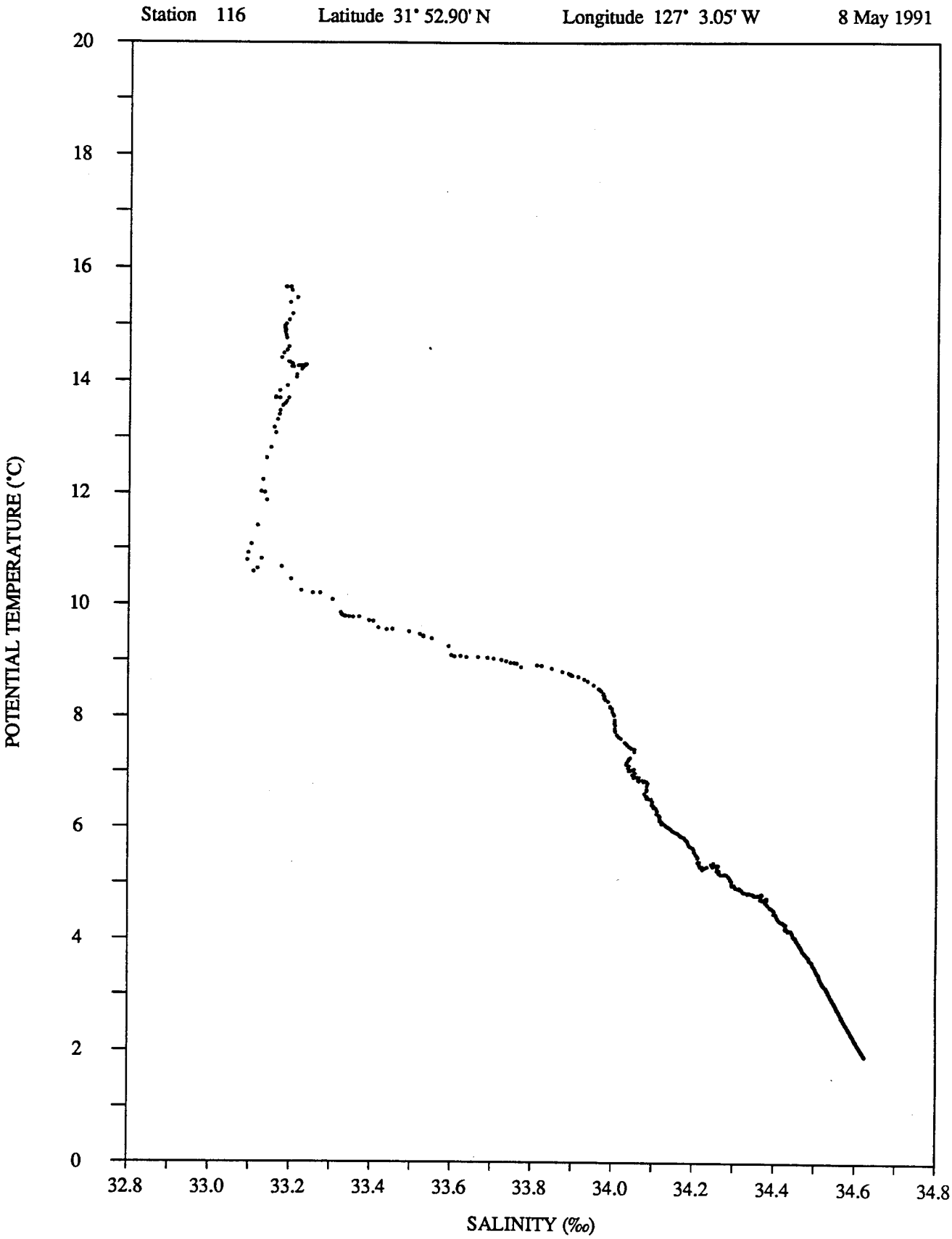
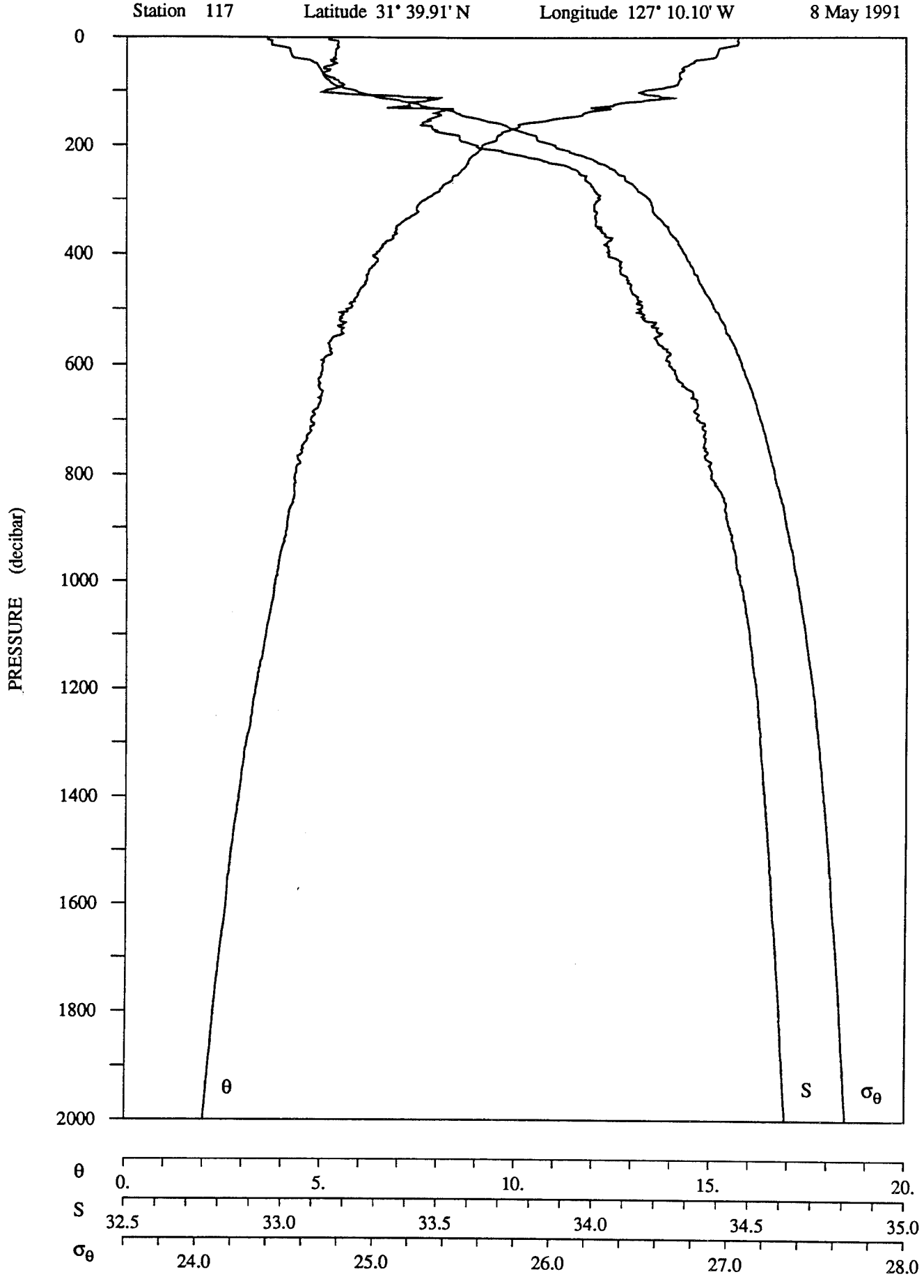
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)

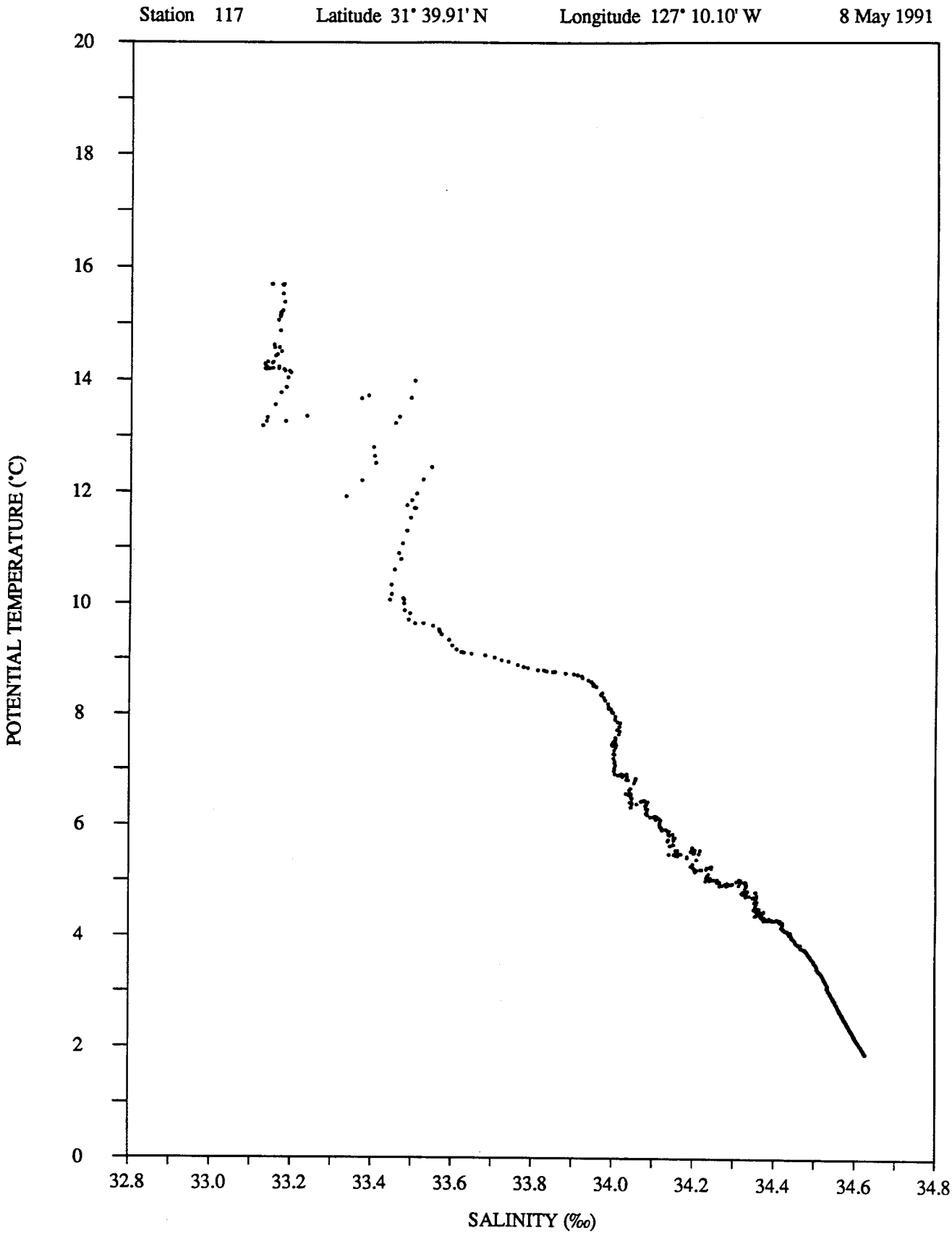

Station 115
Latitude 32° 0.00' N
Longitude 126° 59.11' W
8 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0

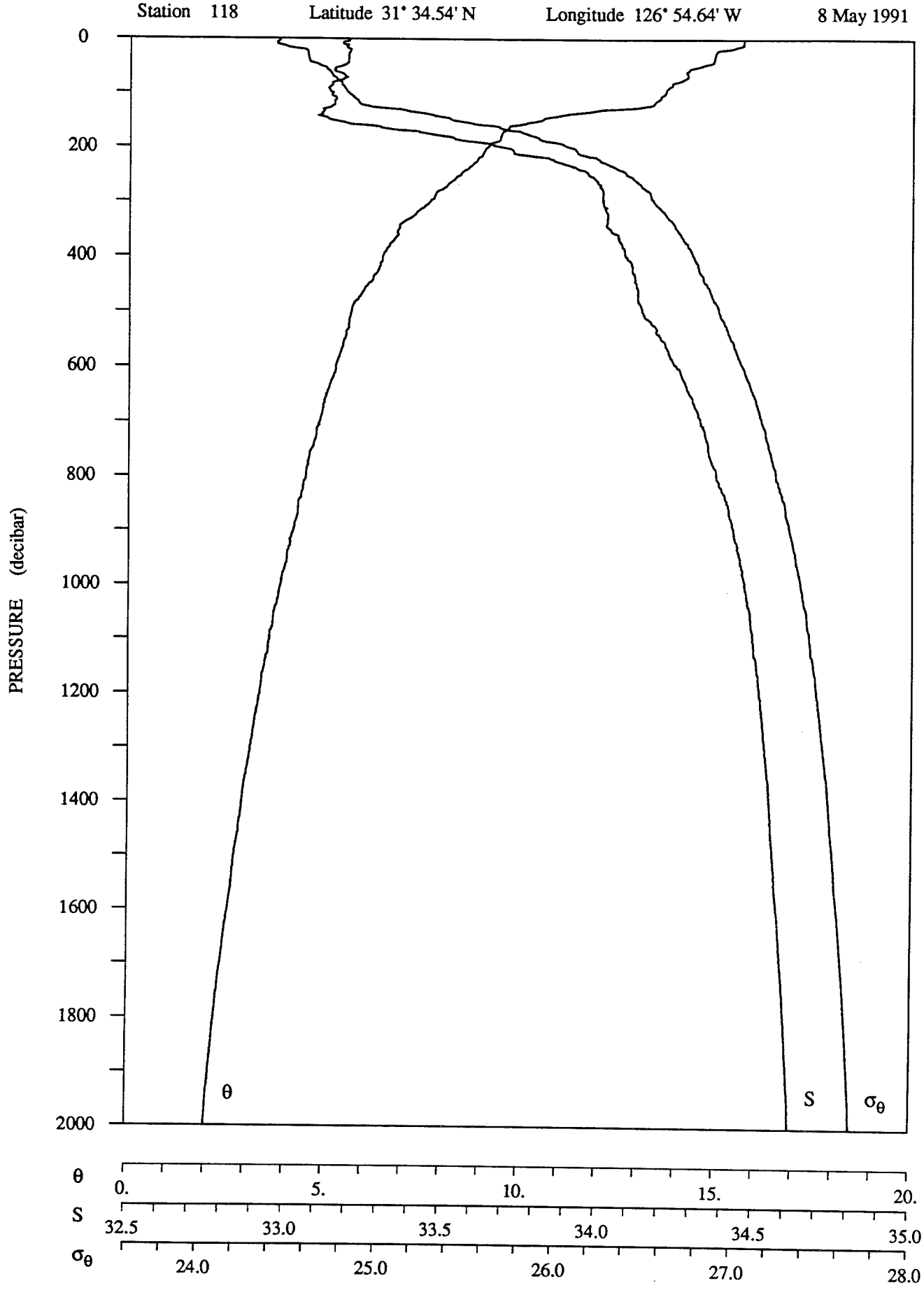

Station 115
Latitude 32° 0.00' N
Longitude 126° 59.11' W
8 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)

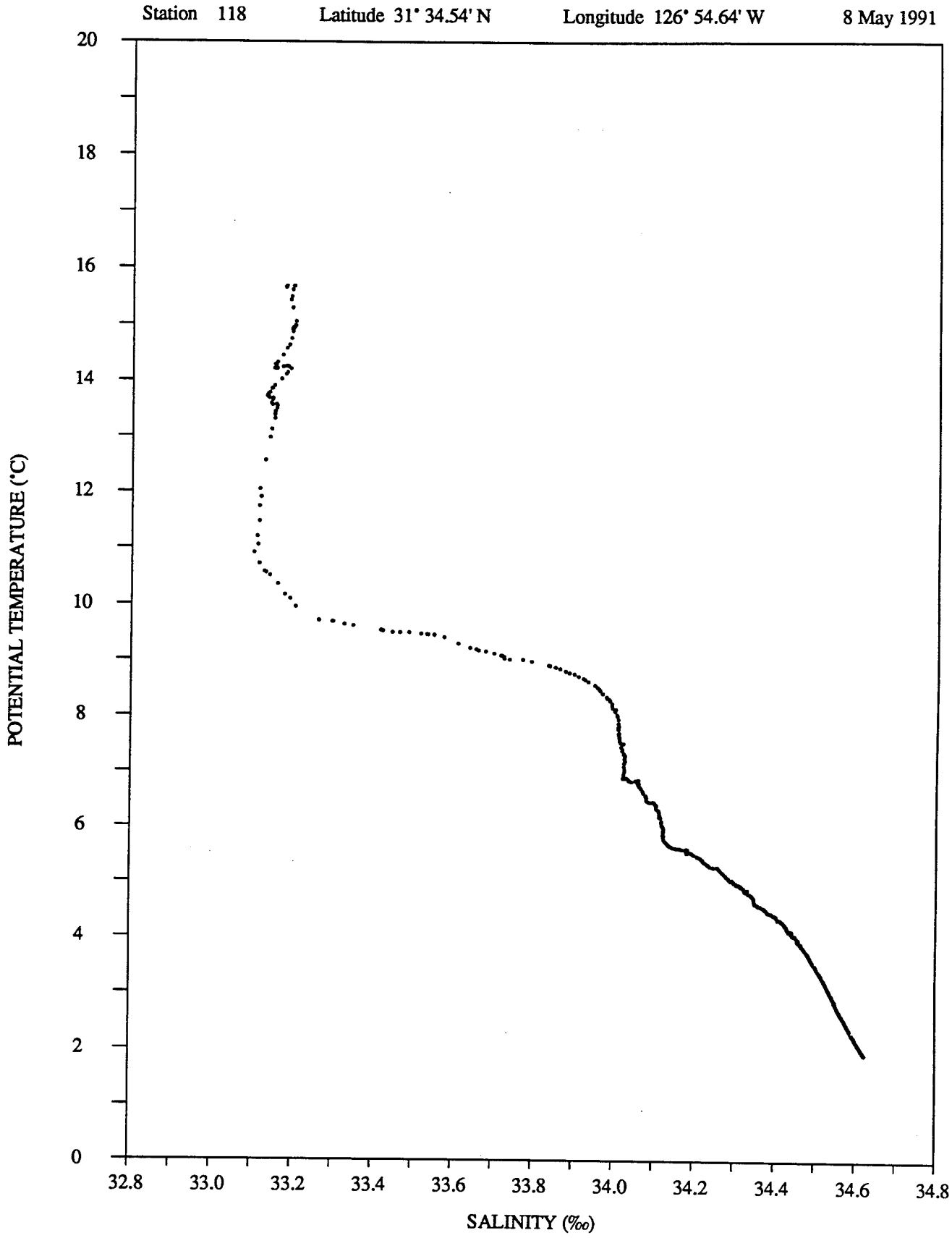

Station 116
Latitude 31° 52.90' N
Longitude 127° 3.05' W
8 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0

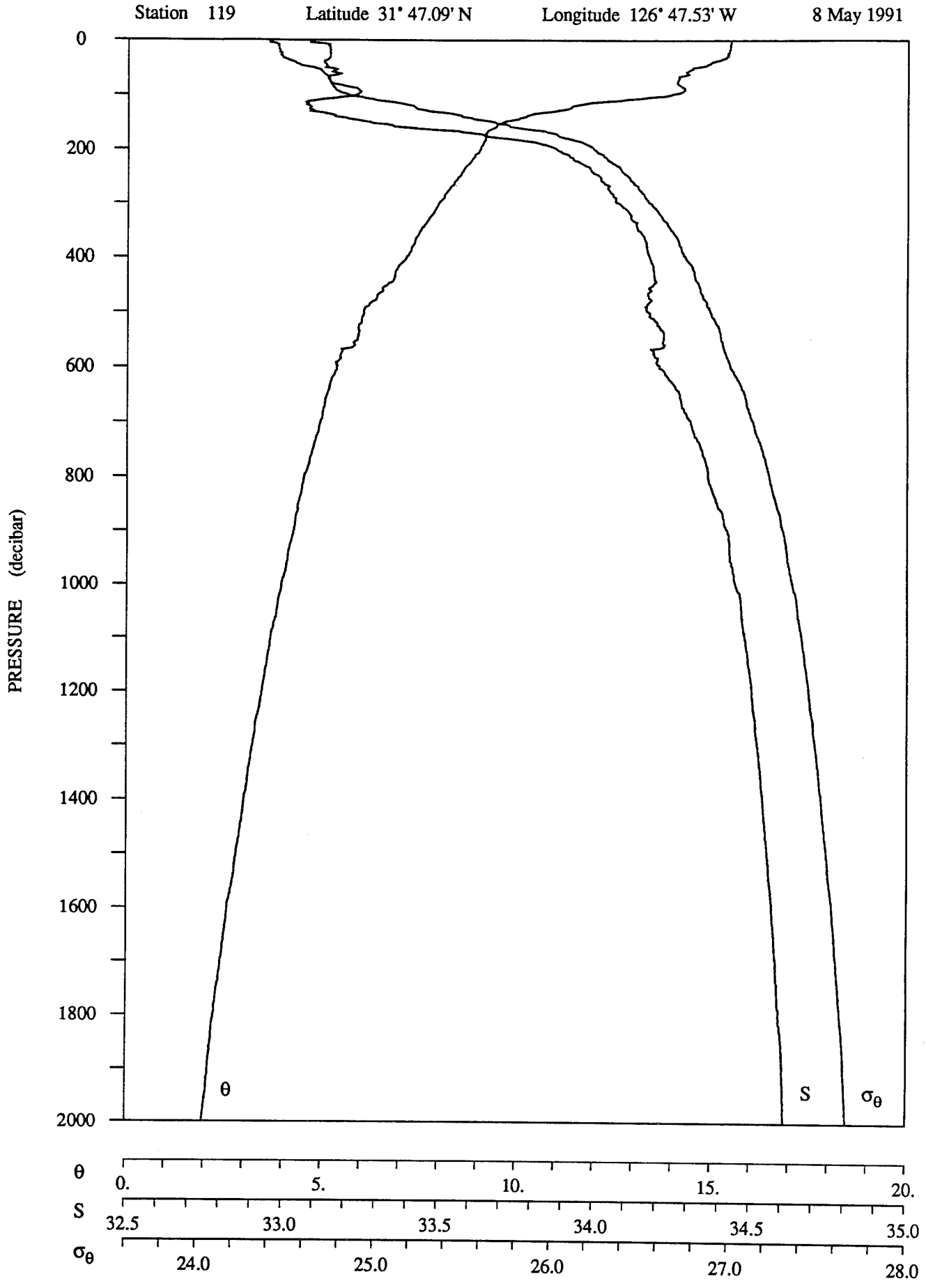

Station 116
Latitude 31° 52.90' N
Longitude 127° 3.05' W
8 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)

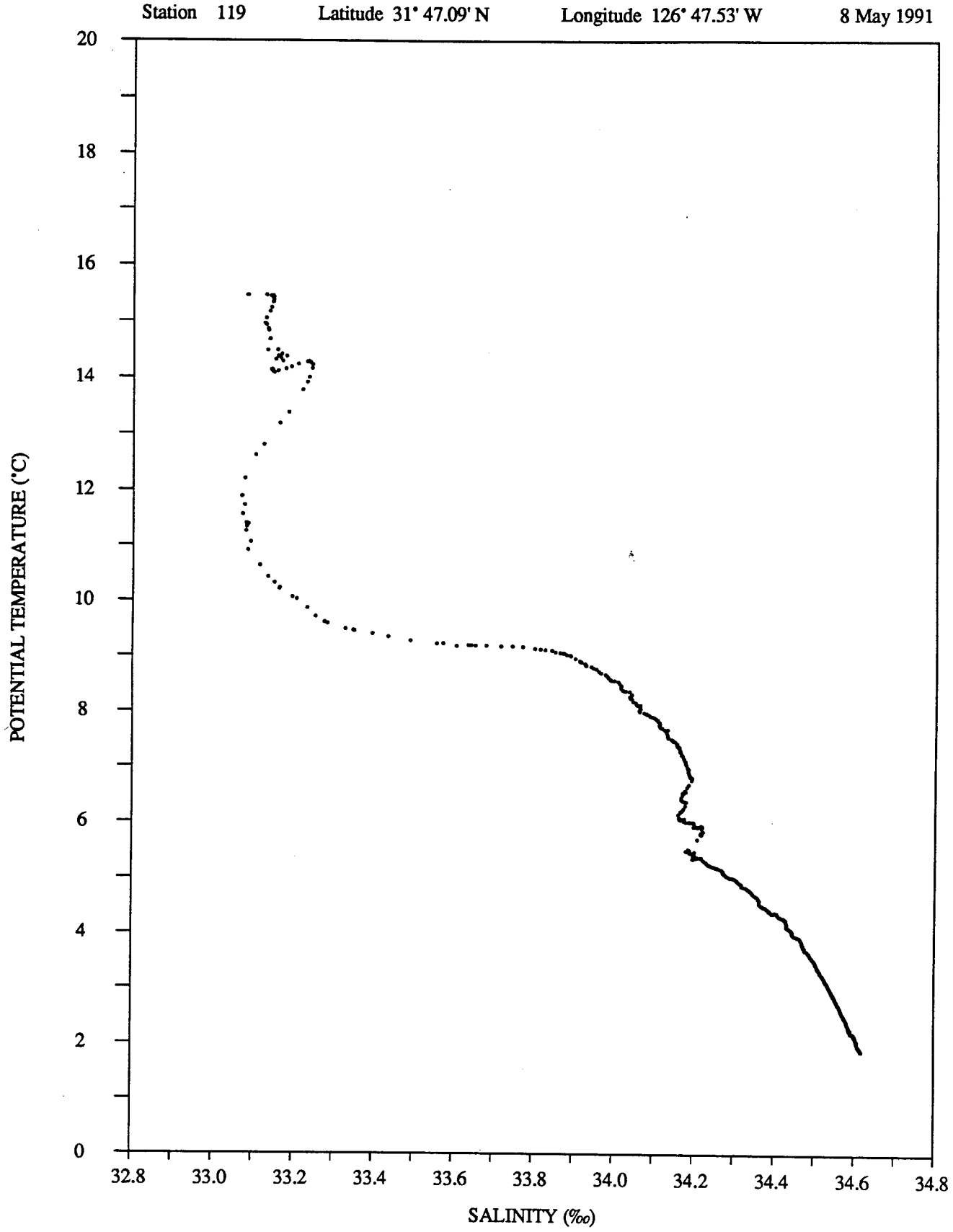

Station 117
Latitude 31° 39.91' N
Longitude 127° 10.10' W
8 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0

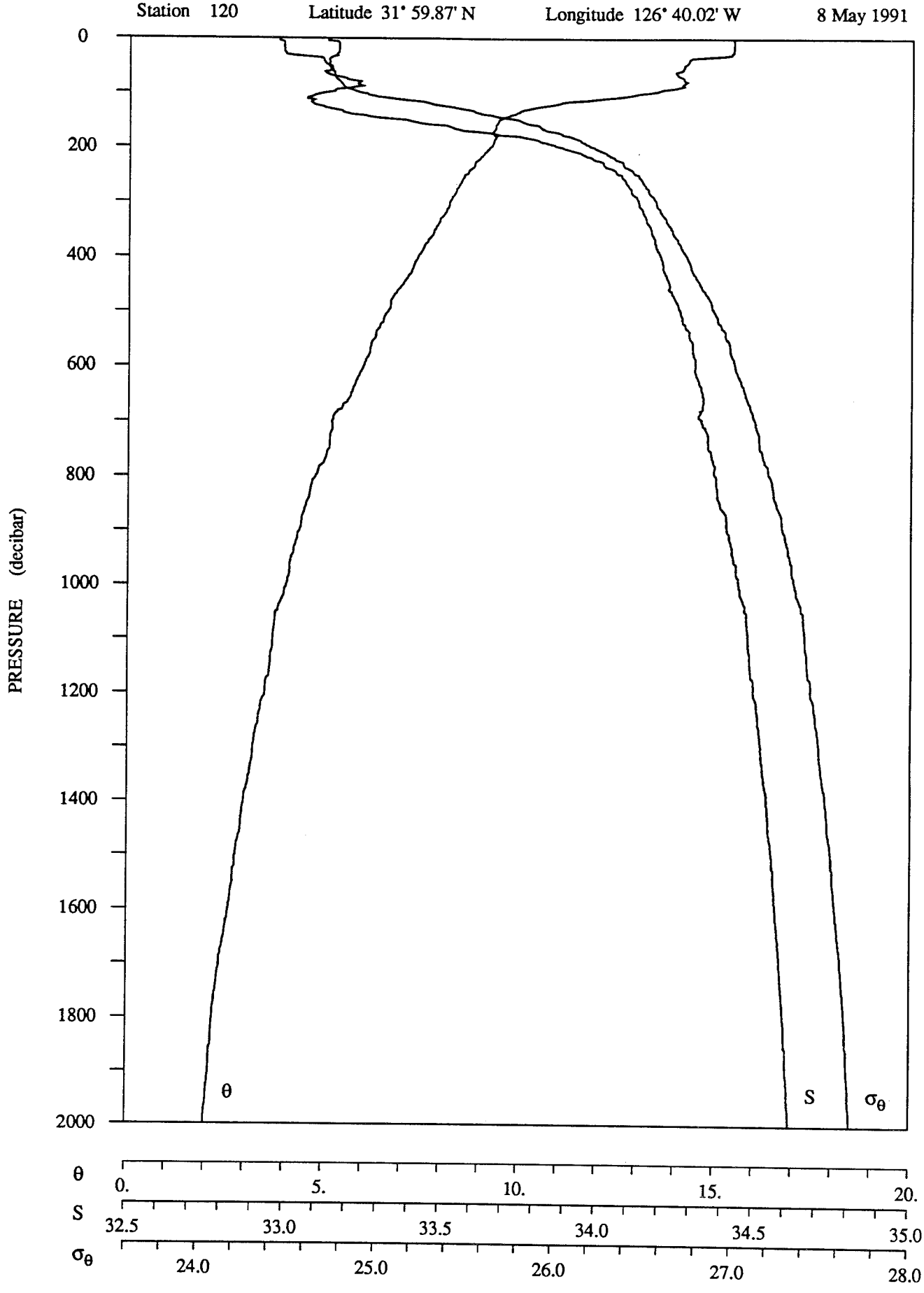

Station 117
Latitude 31° 39.91' N
Longitude 127° 10.10' W
8 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)

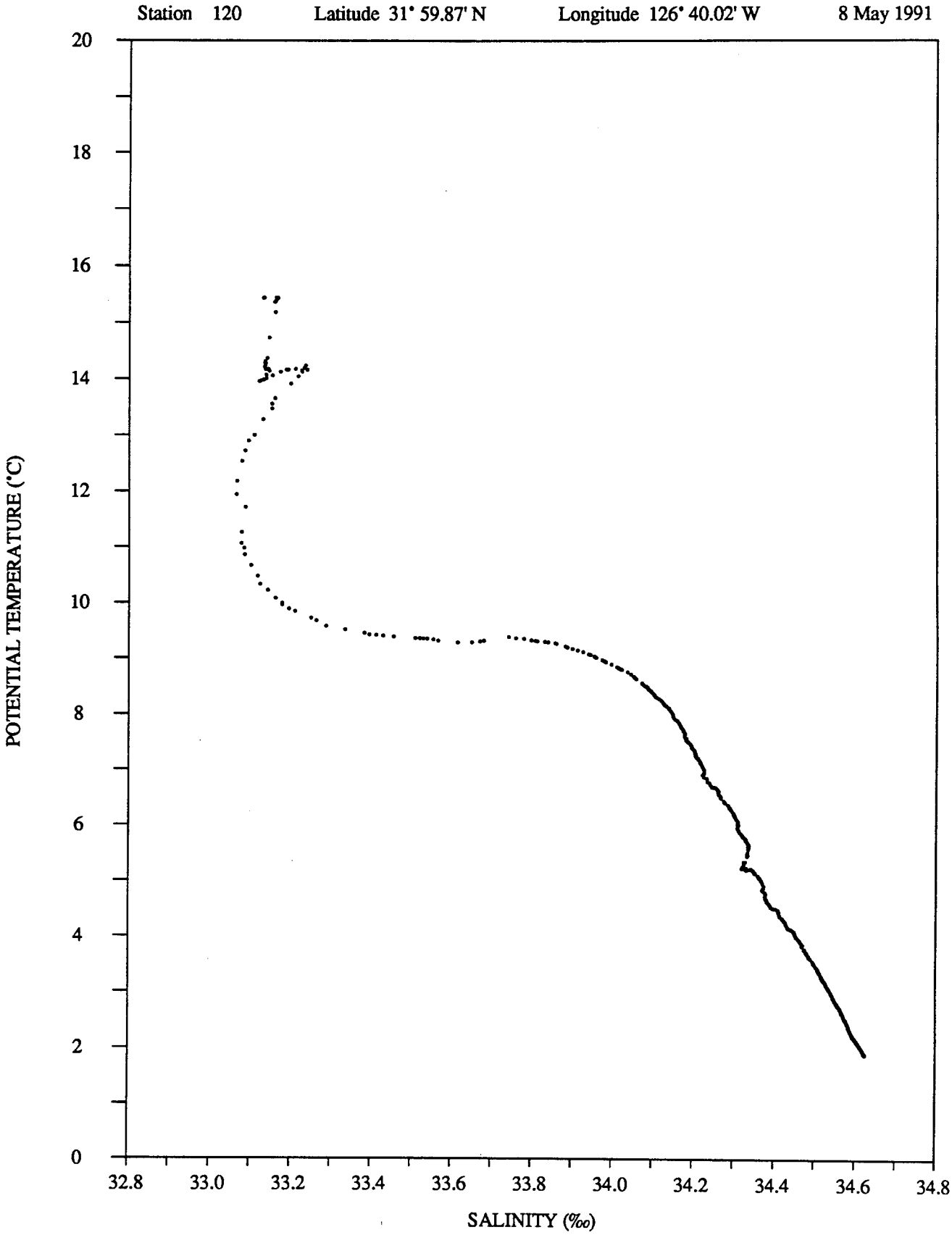

Station 118
Latitude 31° 34.54' N
Longitude 126° 54.64' W
8 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0

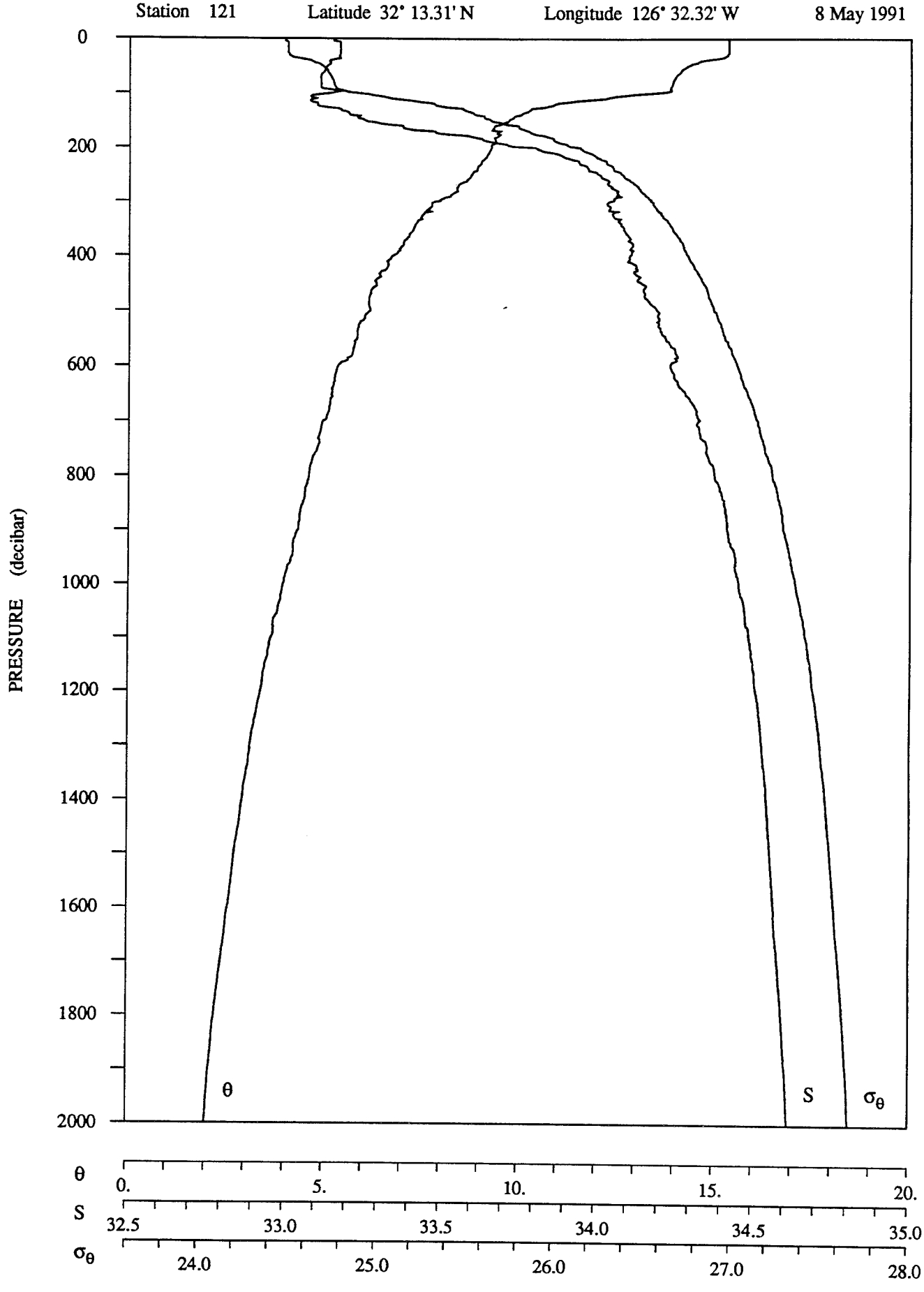

Station 118
Latitude 31° 34.54' N
Longitude 126° 54.64' W
8 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)

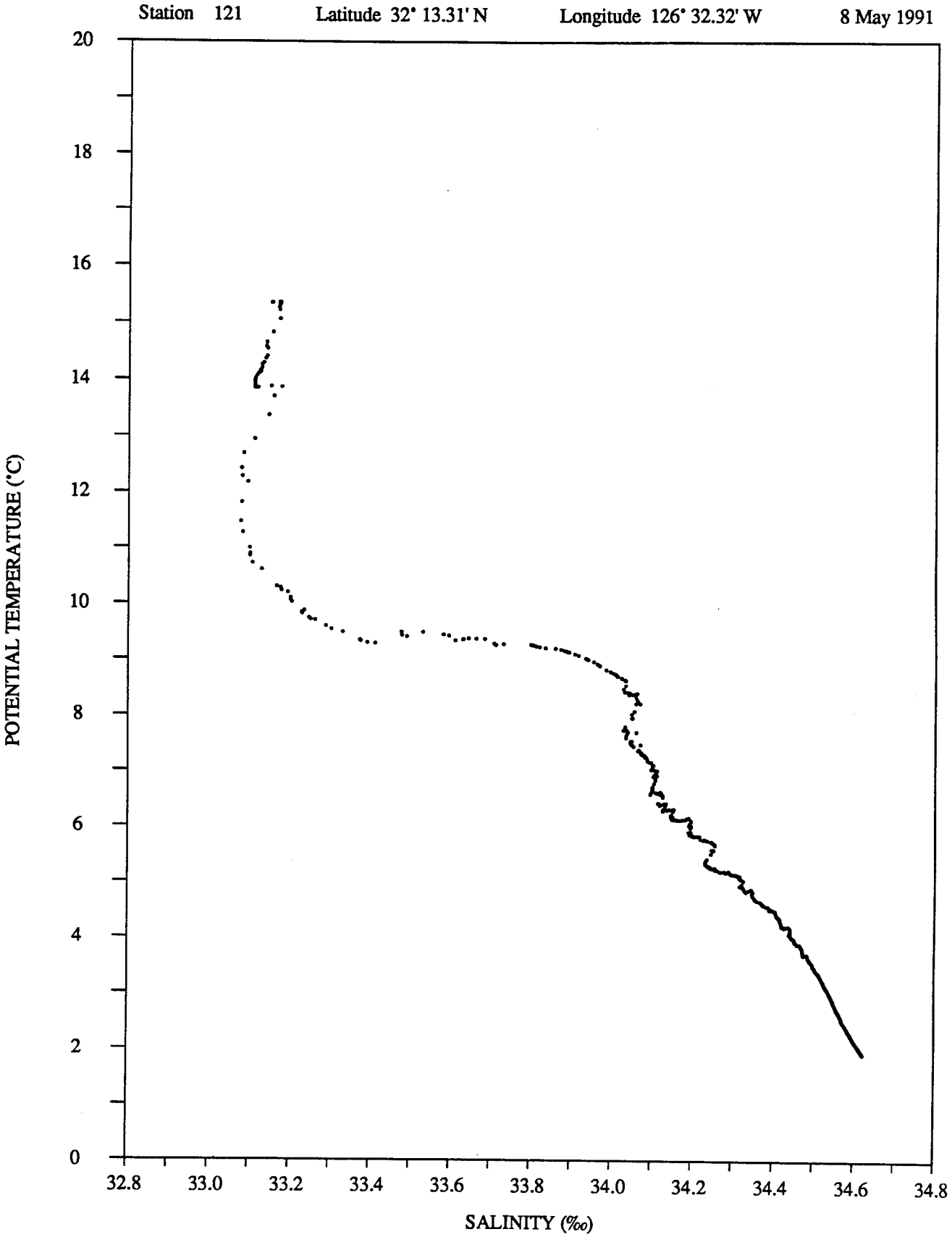

Station 119
Latitude 31° 47.09' N
Longitude 126° 47.53' W
8 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0

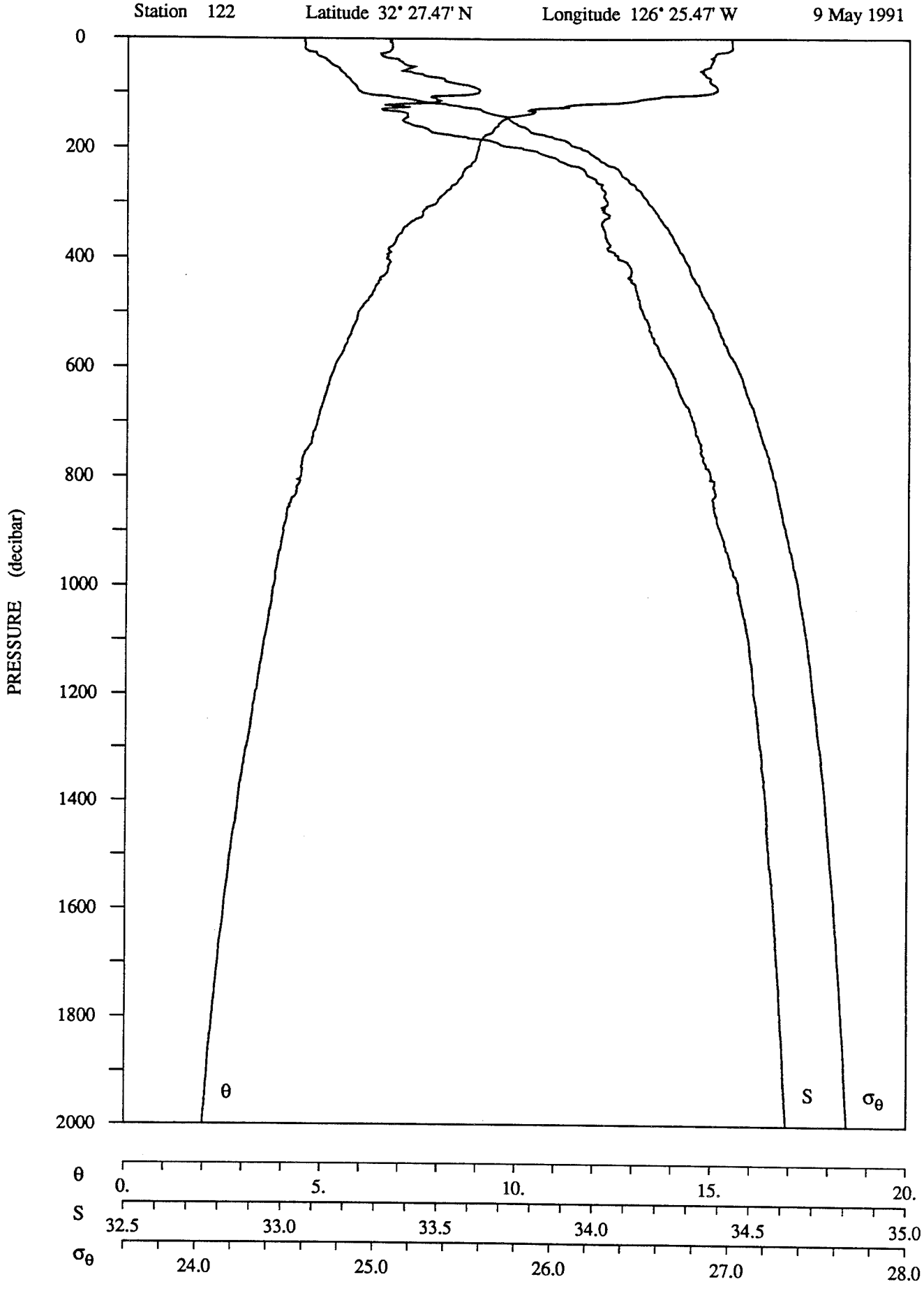

Station 119
Latitude 31° 47.09' N
Longitude 126° 47.53' W
8 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)

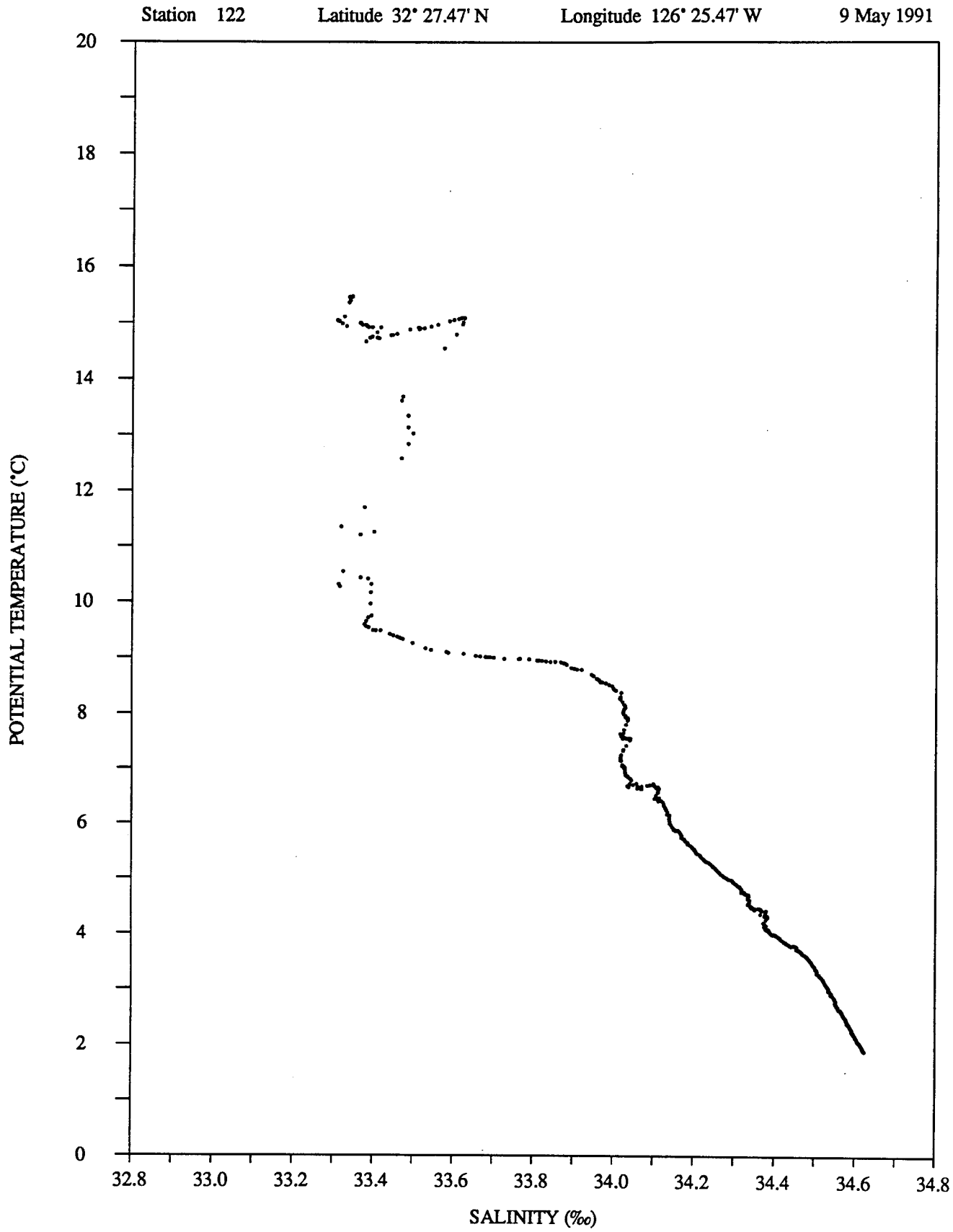

Station 120
Latitude 31° 59.87' N
Longitude 126° 40.02' W
8 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0

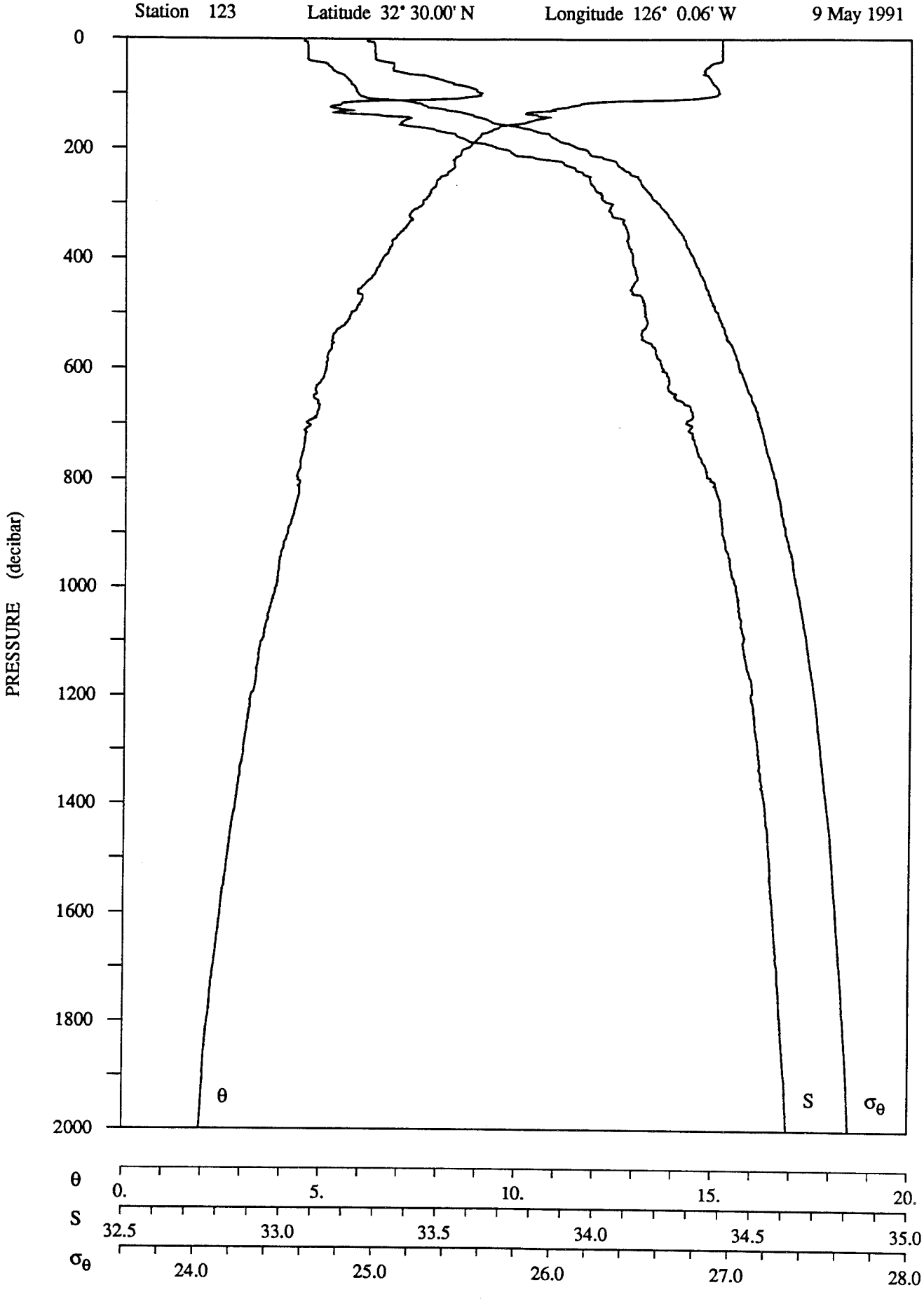

Station 120
Latitude 31° 59.87' N
Longitude 126° 40.02' W
8 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)

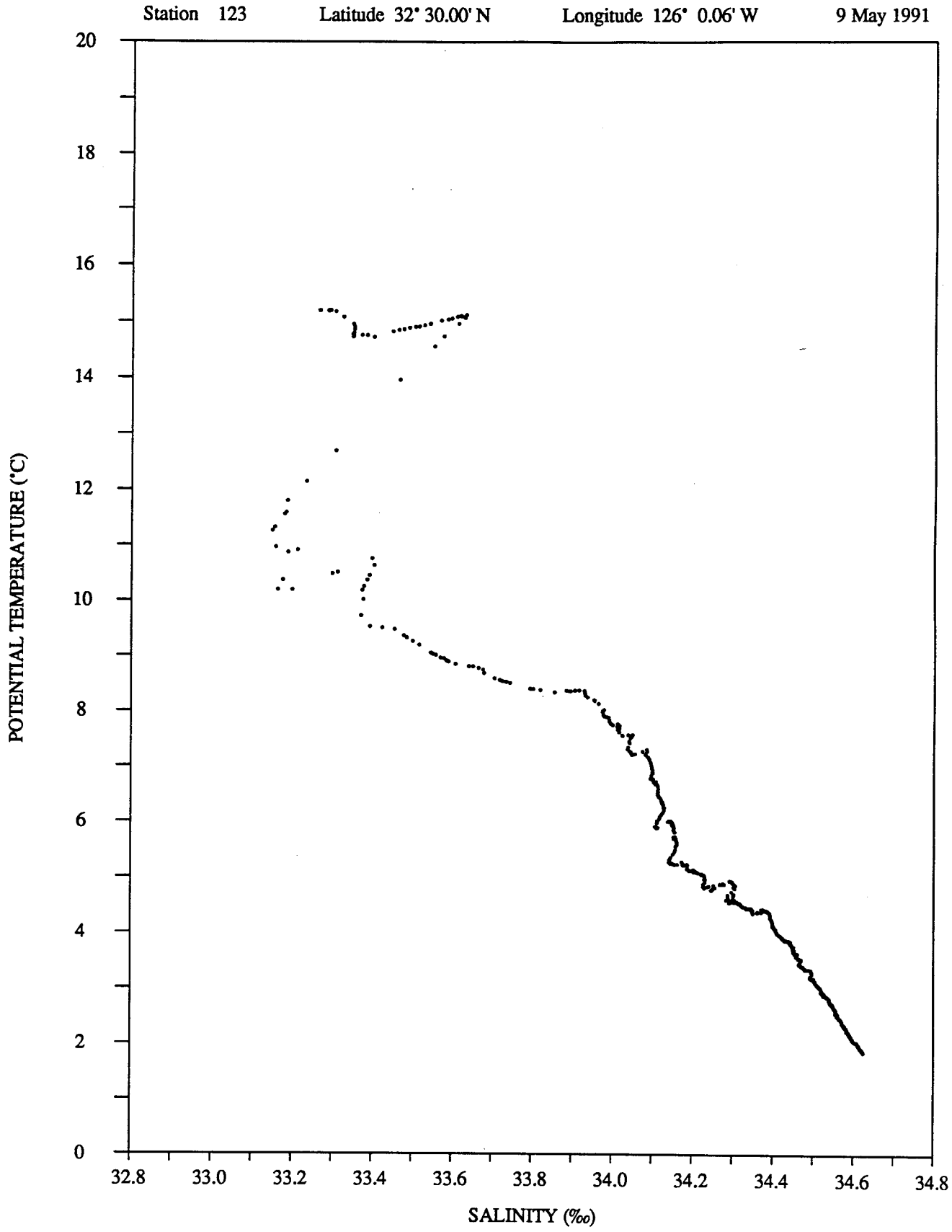

Station 121
Latitude 32° 13.31' N
Longitude 126° 32.32' W
8 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0


Station 121
Latitude 32° 13.31' N
Longitude 126° 32.32' W
8 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)

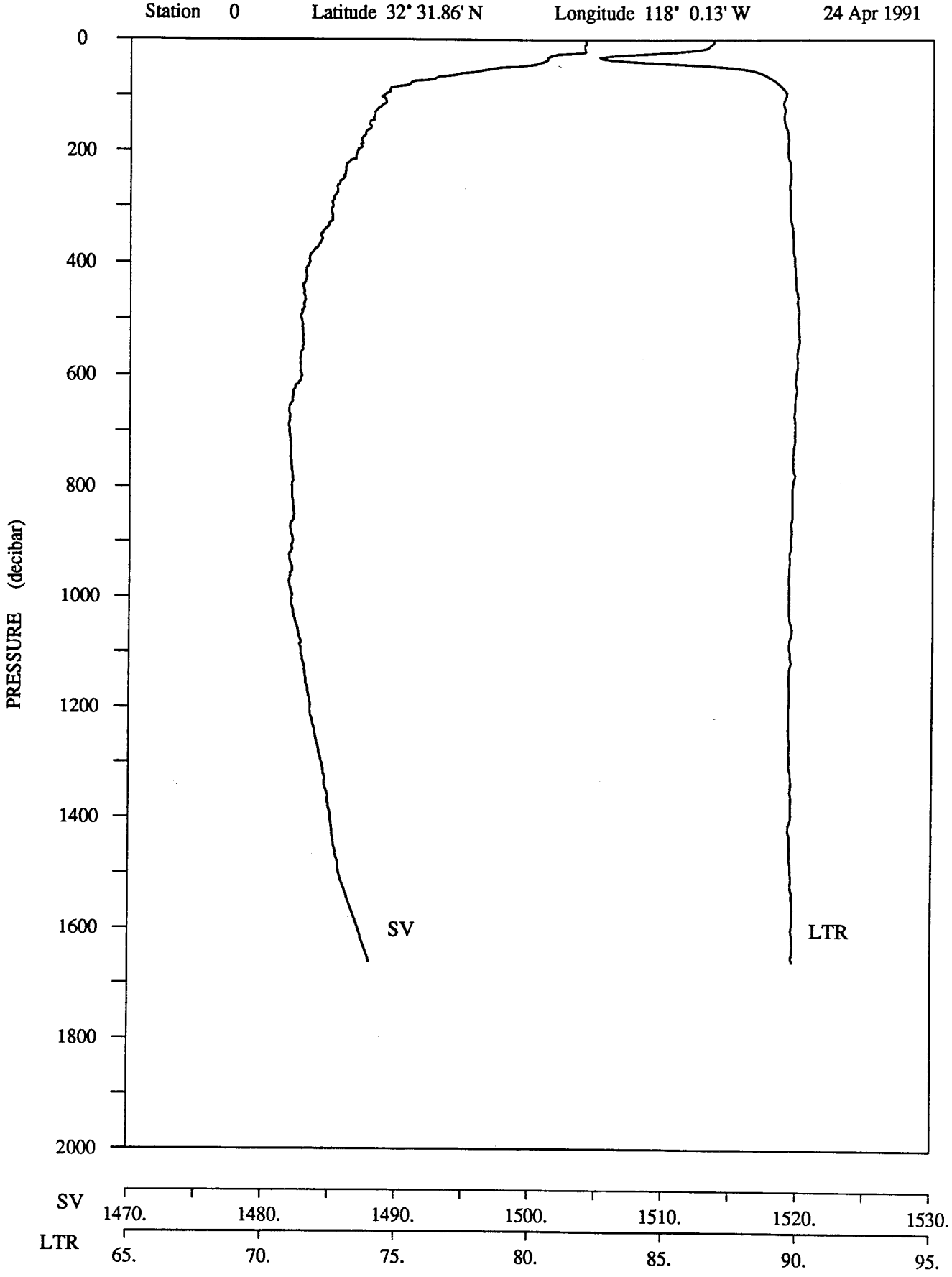

Station 122
Latitude 32° 27.47' N
Longitude 126° 25.47' W
9 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0

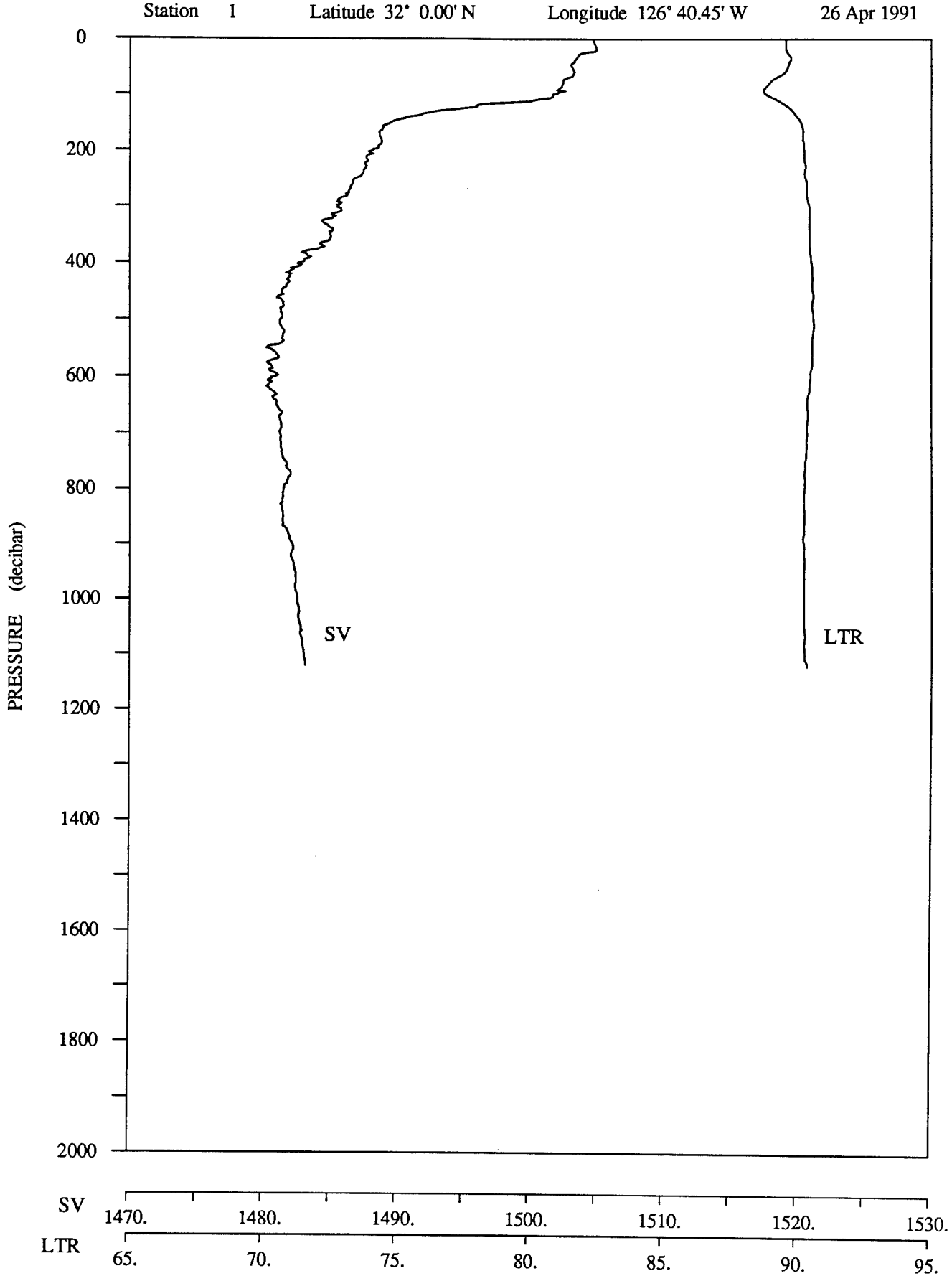

Station 122
Latitude 32° 27.47' N
Longitude 126° 25.47' W
9 May 1991
POTENTIAL TEMPERATURE (°C)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8
SALINITY (‰)

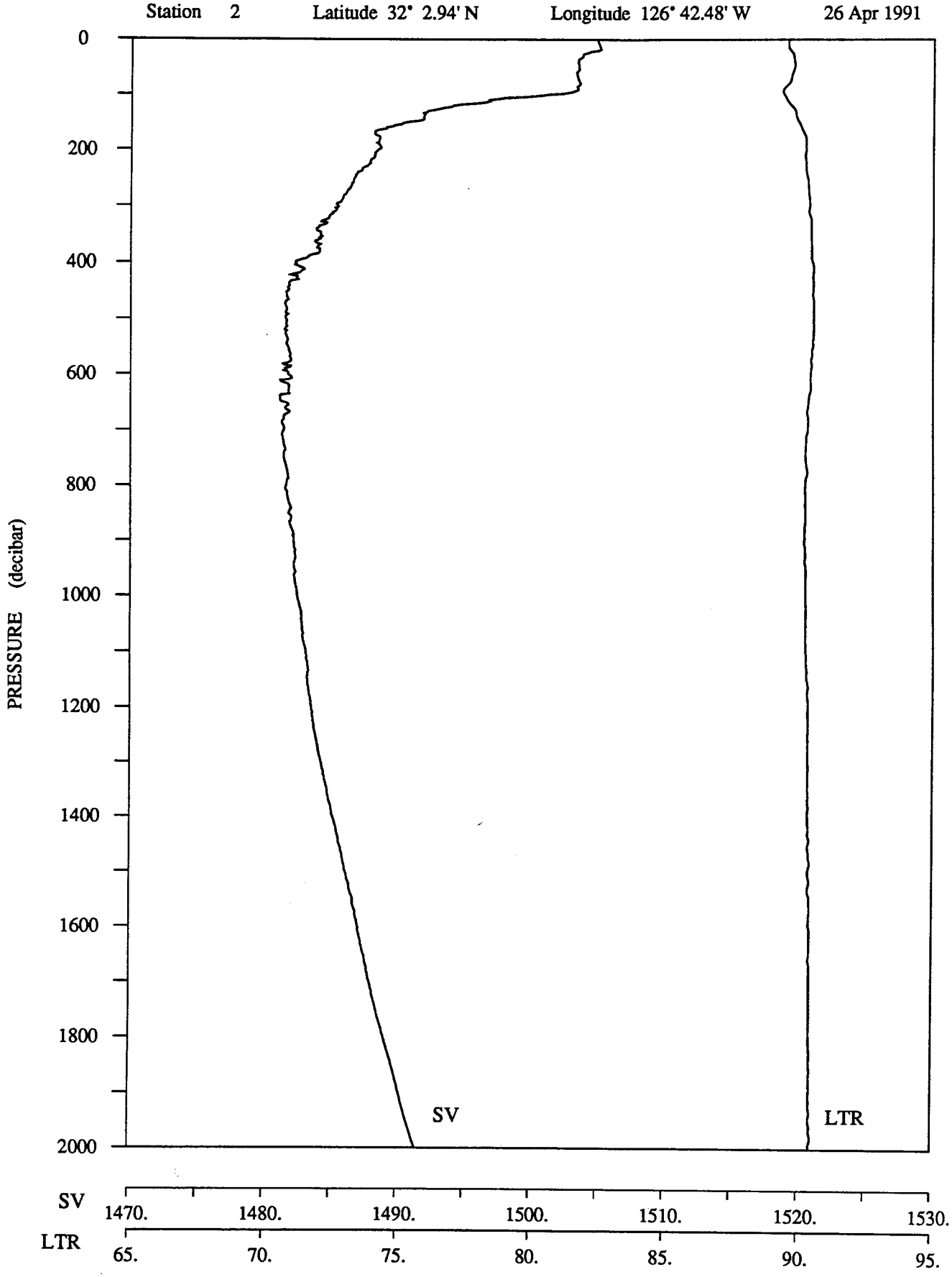

Station 123
Latitude 32° 30.00' N
Longitude 126° 0.06' W
9 May 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
θ
S
σθ
θ
0.
5.
10.
15.
20.
S
32.5
33.0
33.5
34.0
34.5
35.0
σθ
24.0
25.0
26.0
27.0
28.0

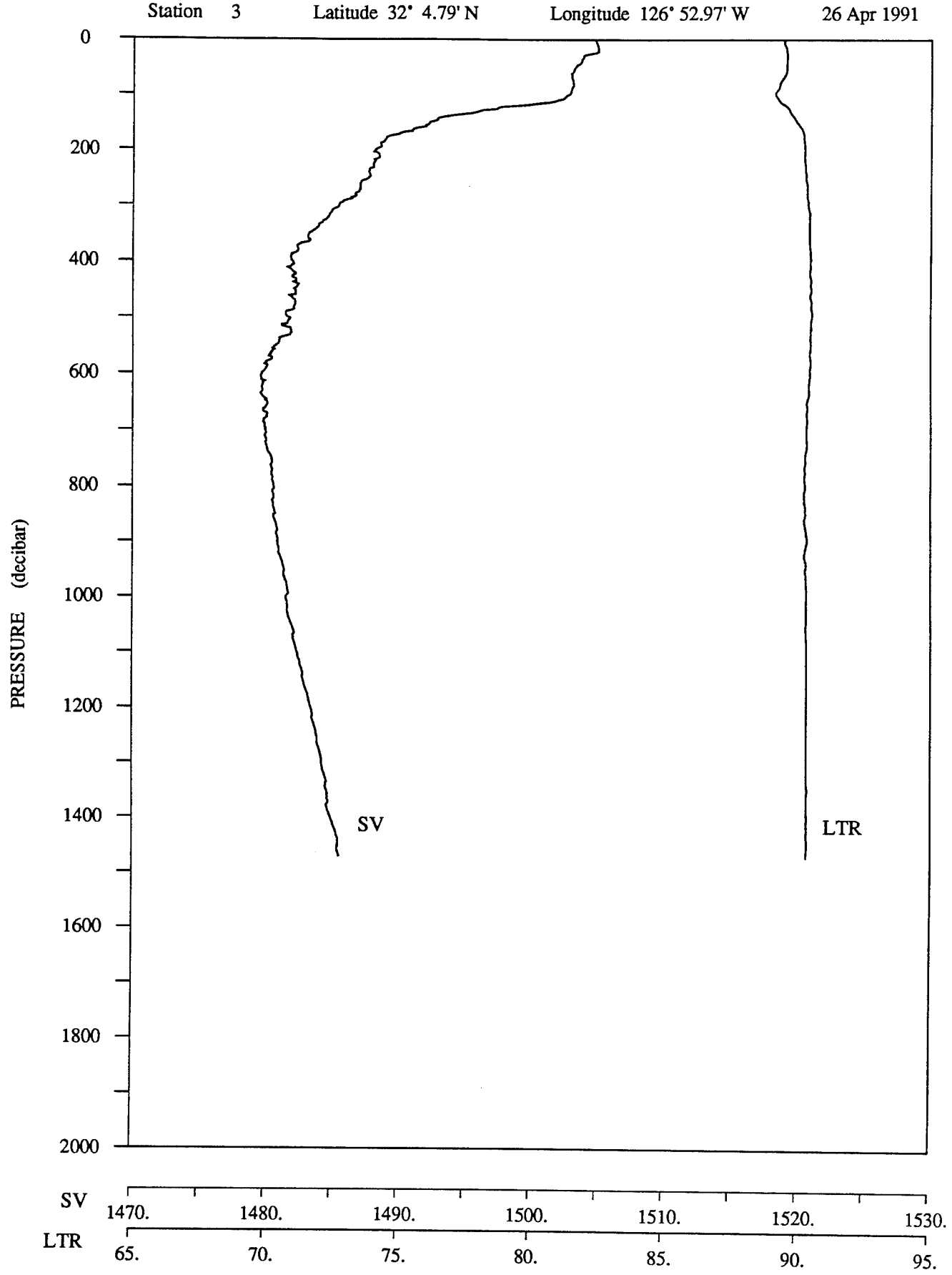

Station 123
Latitude 32° 30.00' N
Longitude 126° 0.06' W
9 May 1991
POTENTIAL TEMPERATURE (°C)
SALINITY (‰)
20
18
16
14
12
10
8
6
4
2
0
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
34.8

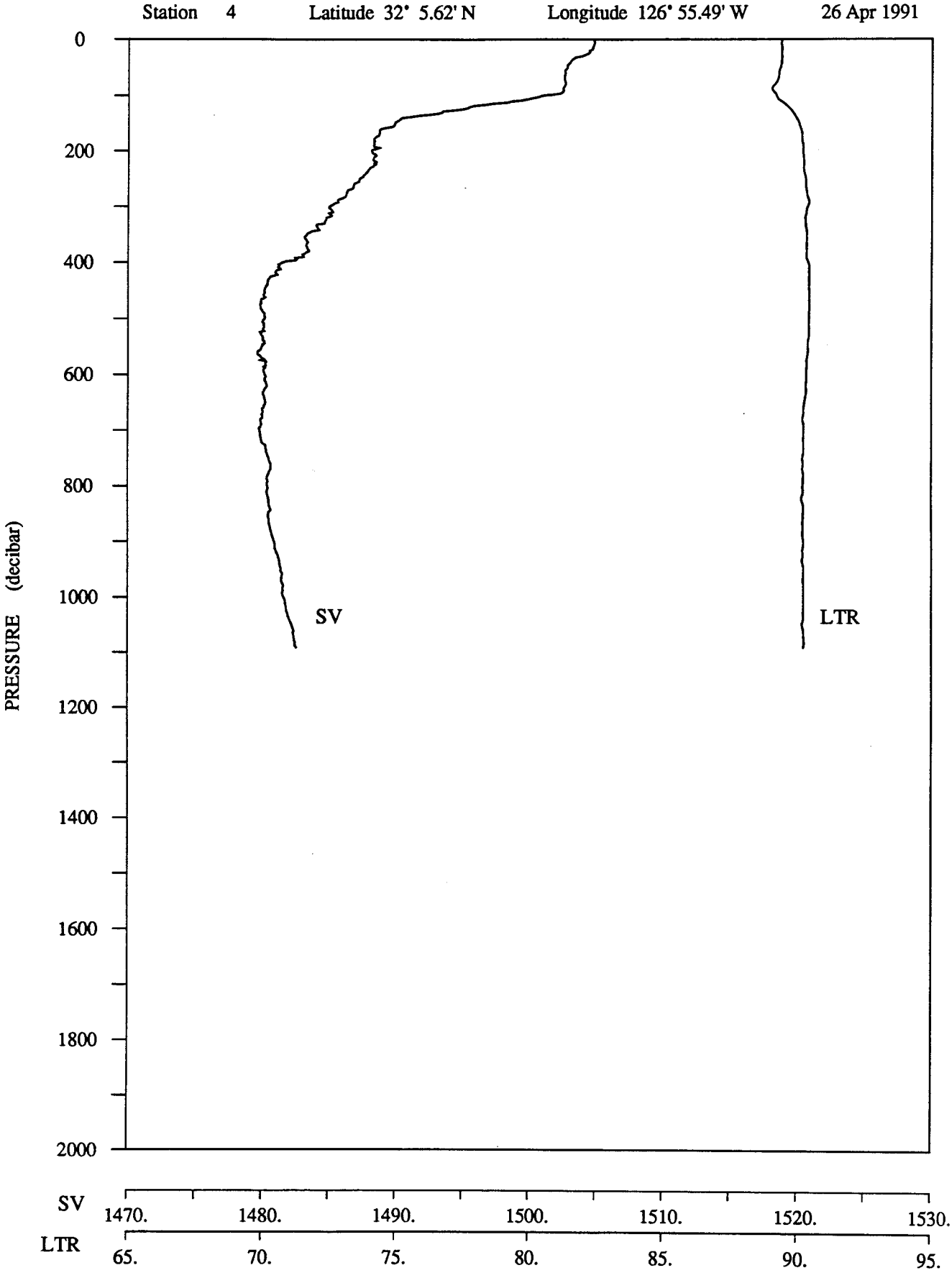
Sound Speed
Light Transmission
Profiles

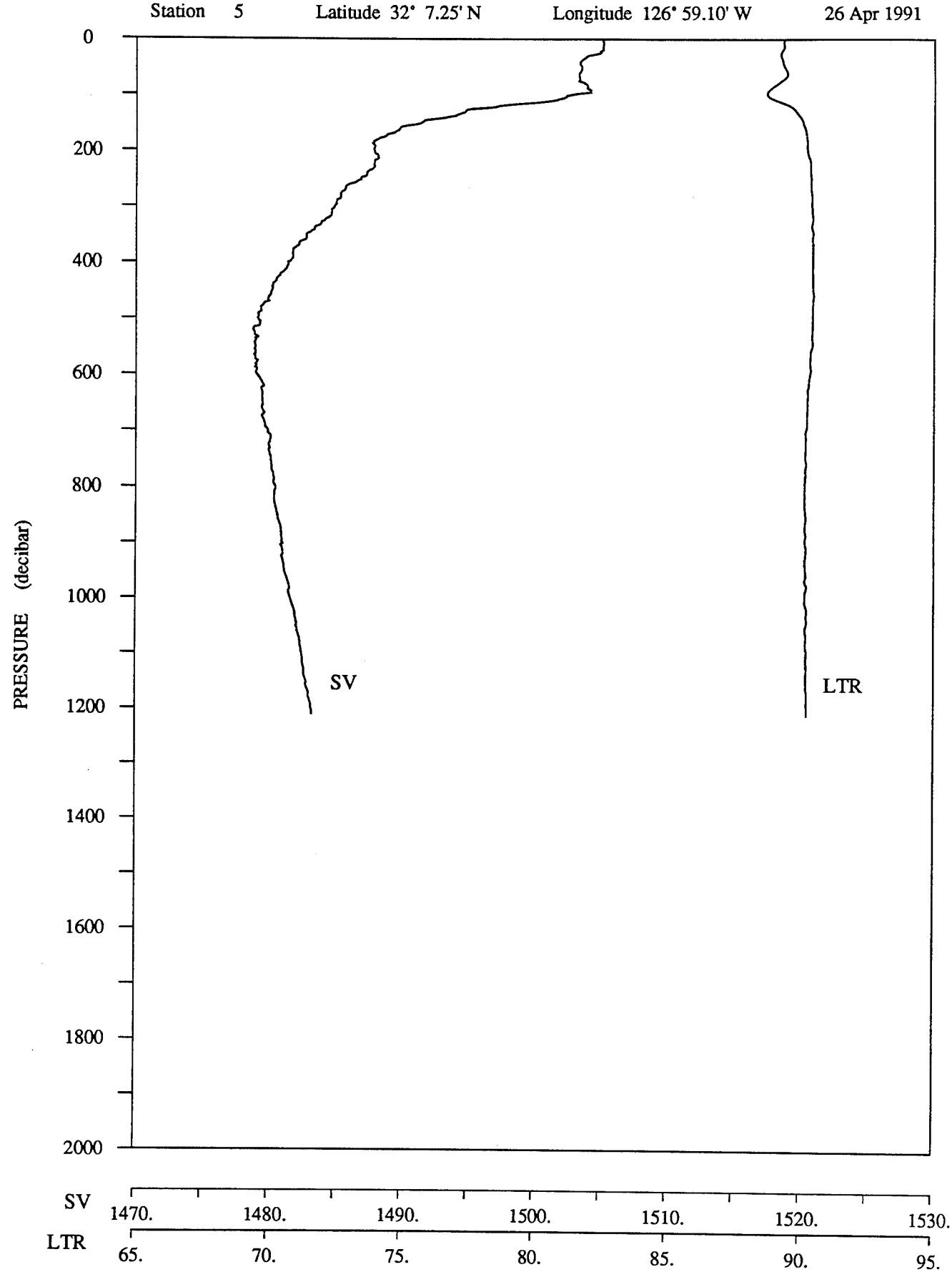

Station 0
Latitude 32° 31.86' N
Longitude 118° 0.13' W
24 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
SV
LTR
SV
1470.
1480.
1490.
1500.
1510.
1520.
1530.
LTR
65.
70.
75.
80.
85.
90.
95.

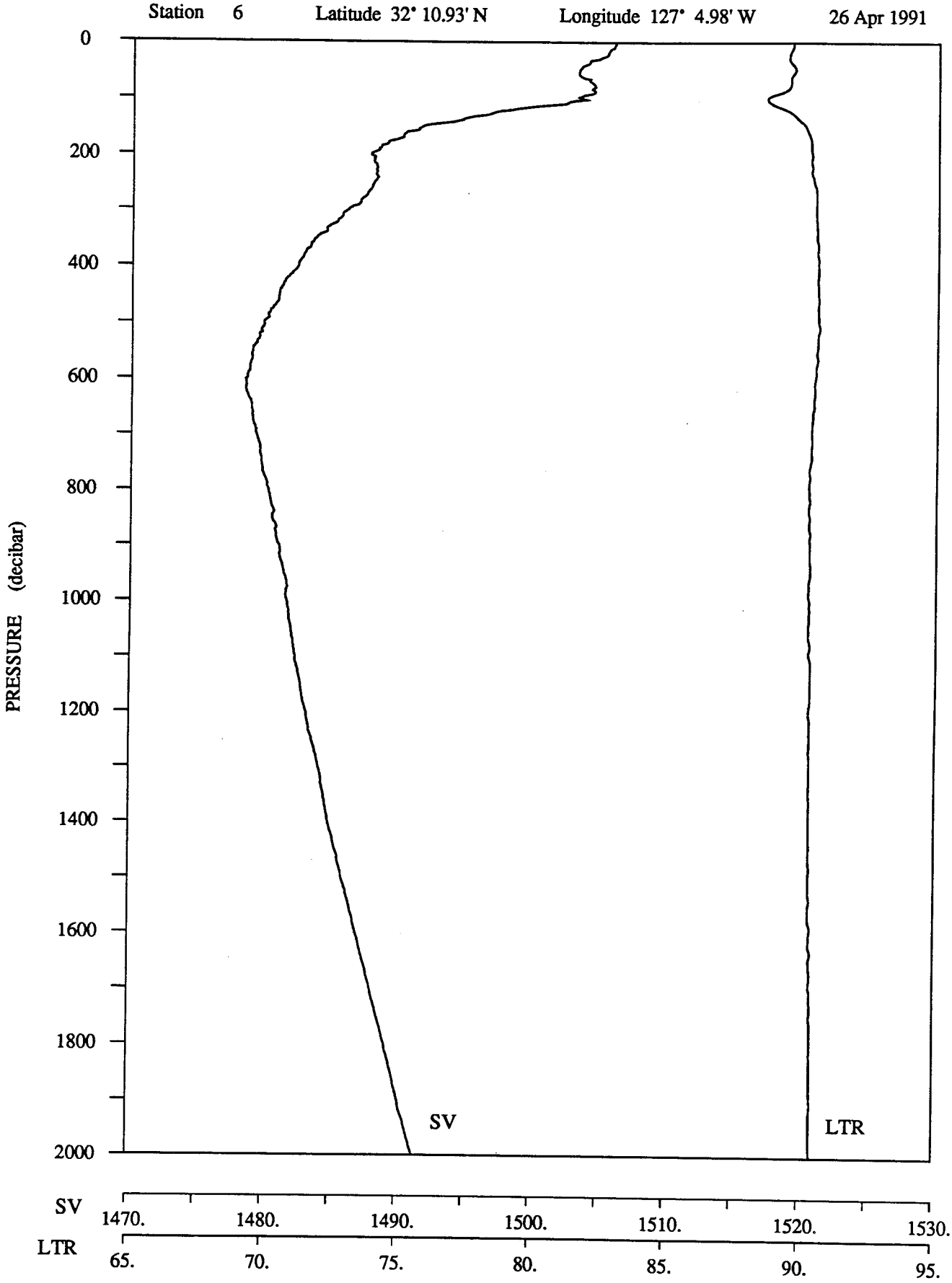

Station 1
Latitude 32° 0.00' N
Longitude 126° 40.45' W
26 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
SV
LTR
SV
1470.
1480.
1490.
1500.
1510.
1520.
1530.
LTR
65.
70.
75.
80.
85.
90.
95.

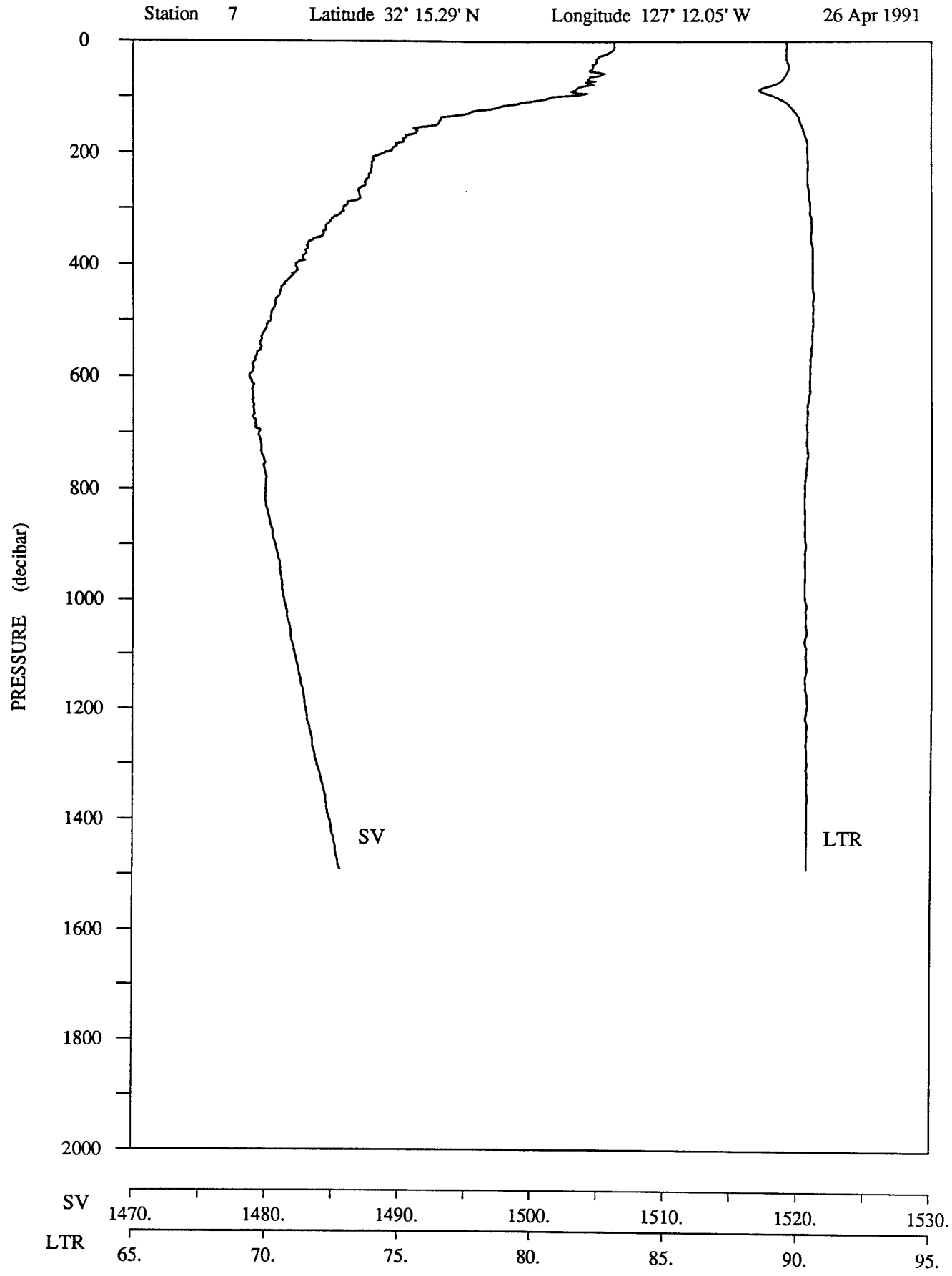

Station 2
Latitude 32° 2.94' N
Longitude 126° 42.48' W
26 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
SV
LTR
SV
1470.
1480.
1490.
1500.
1510.
1520.
1530.
LTR
65.
70.
75.
80.
85.
90.
95.

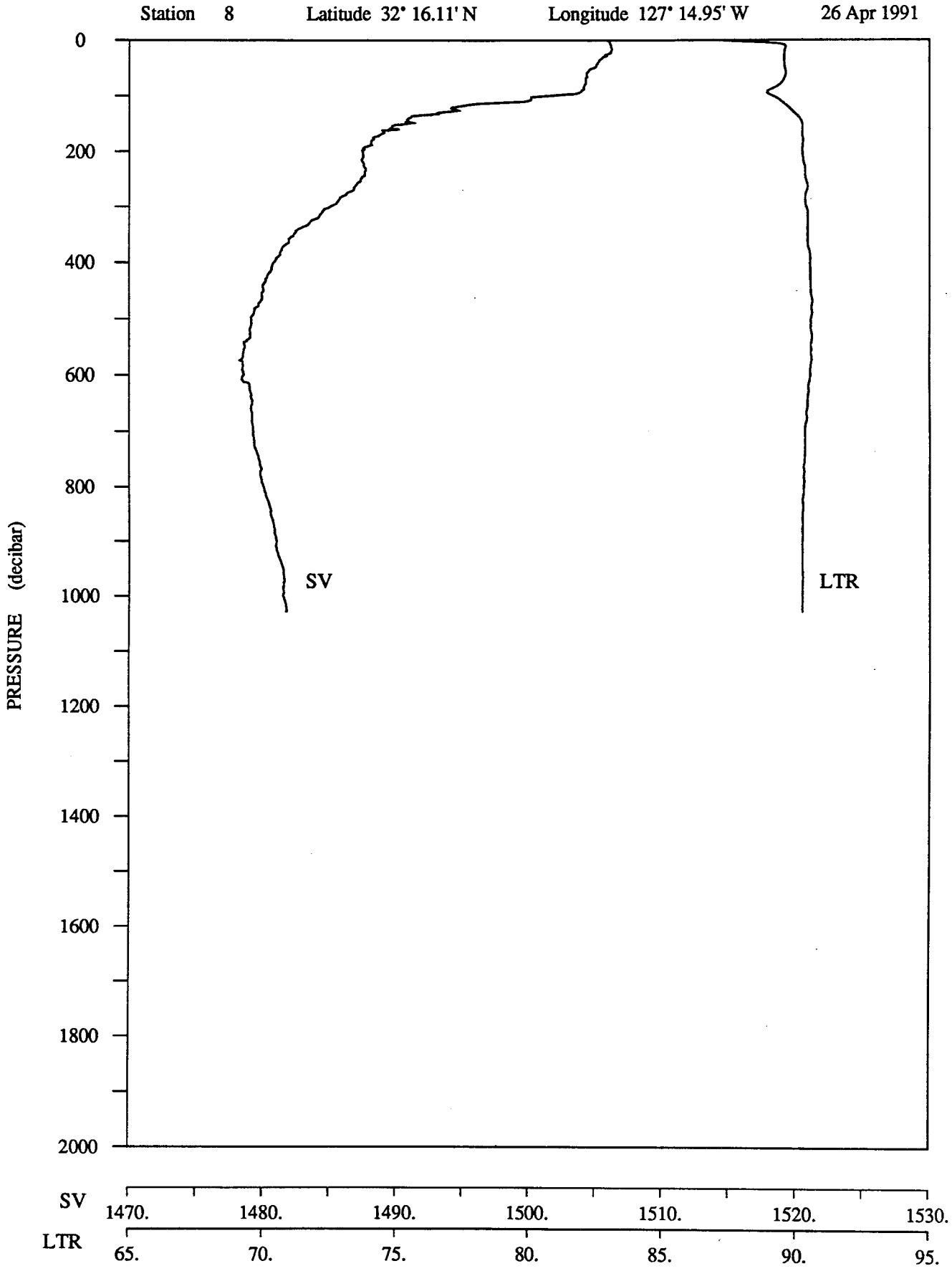

Station 3
Latitude 32° 4.79' N
Longitude 126° 52.97' W
26 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
SV
LTR
SV
1470.
1480.
1490.
1500.
1510.
1520.
1530.
LTR
65.
70.
75.
80.
85.
90.
95.

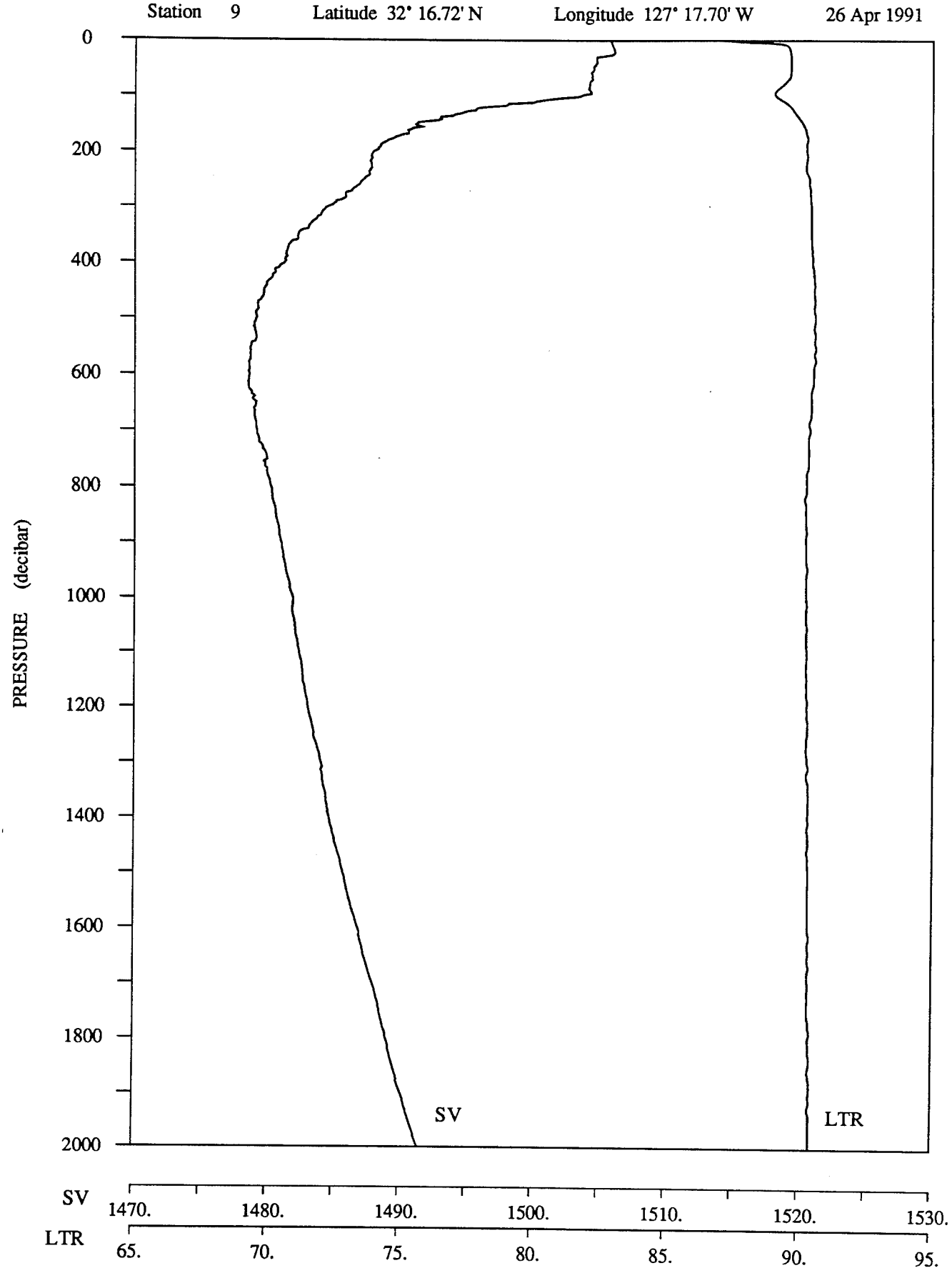

Station 4
Latitude 32° 5.62' N
Longitude 126° 55.49' W
26 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
SV
LTR
SV
1470.
1480.
1490.
1500.
1510.
1520.
1530.
LTR
65.
70.
75.
80.
85.
90.
95.


Station 5
Latitude 32° 7.25' N
Longitude 126° 59.10' W
26 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
SV
LTR
SV
1470.
1480.
1490.
1500.
1510.
1520.
1530.
LTR
65.
70.
75.
80.
85.
90.
95.


Station 6
Latitude 32° 10.93' N
Longitude 127° 4.98' W
26 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
SV
LTR
SV
1470.
1480.
1490.
1500.
1510.
1520.
1530.
LTR
65.
70.
75.
80.
85.
90.
95.


Station 7
Latitude 32° 15.29' N
Longitude 127° 12.05' W
26 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
SV
LTR
SV
1470.
1480.
1490.
1500.
1510.
1520.
1530.
LTR
65.
70.
75.
80.
85.
90.
95.


Station 8
Latitude 32° 16.11' N
Longitude 127° 14.95' W
26 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
SV
LTR
SV
1470.
1480.
1490.
1500.
1510.
1520.
1530.
LTR
65.
70.
75.
80.
85.
90.
95.


Station 9
Latitude 32° 16.72' N
Longitude 127° 17.70' W
26 Apr 1991
PRESSURE (decibar)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
SV
LTR
SV
1470.
1480.
1490.
1500.
1510.
1520.
1530.
LTR
65.
70.
75.
80.
85.
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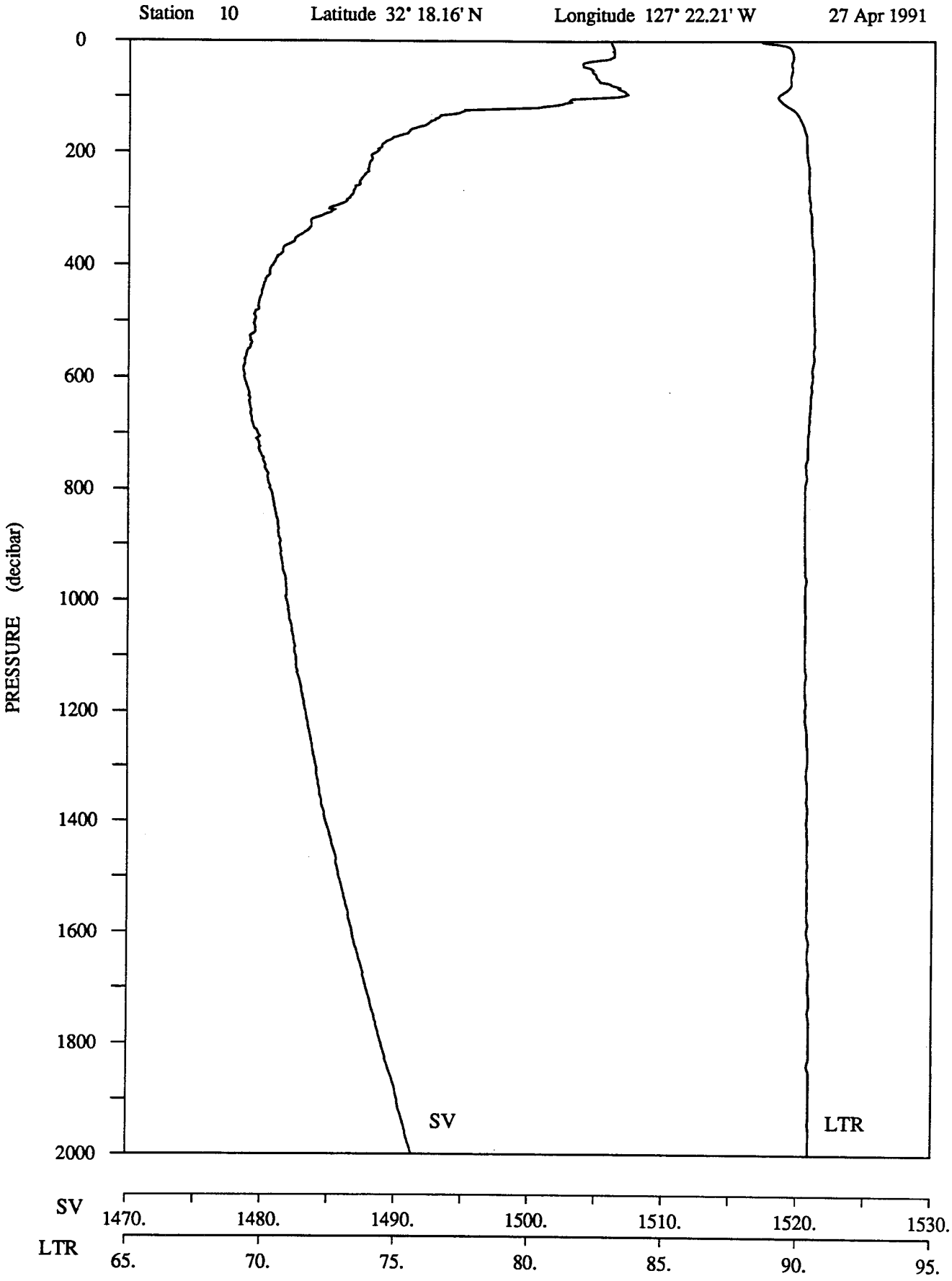
Station 10
Latitude 32° 18.16' N
Longitude 127° 22.21' W
27 Apr 1991
PRESSURE (decibar)
0
200
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LTR
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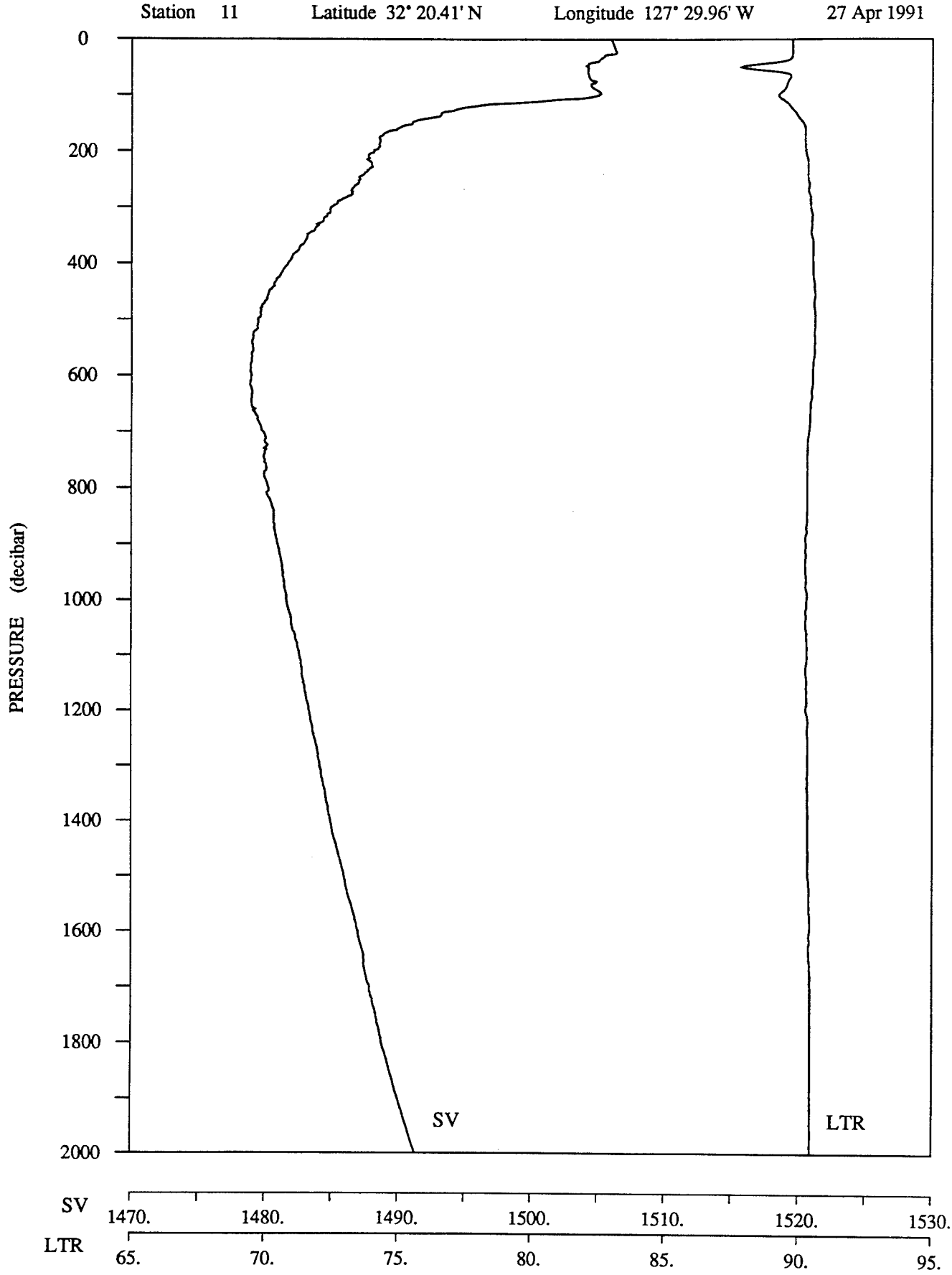
Station 11
Latitude 32° 20.41' N
Longitude 127° 29.96' W
27 Apr 1991
PRESSURE (decibar)
0
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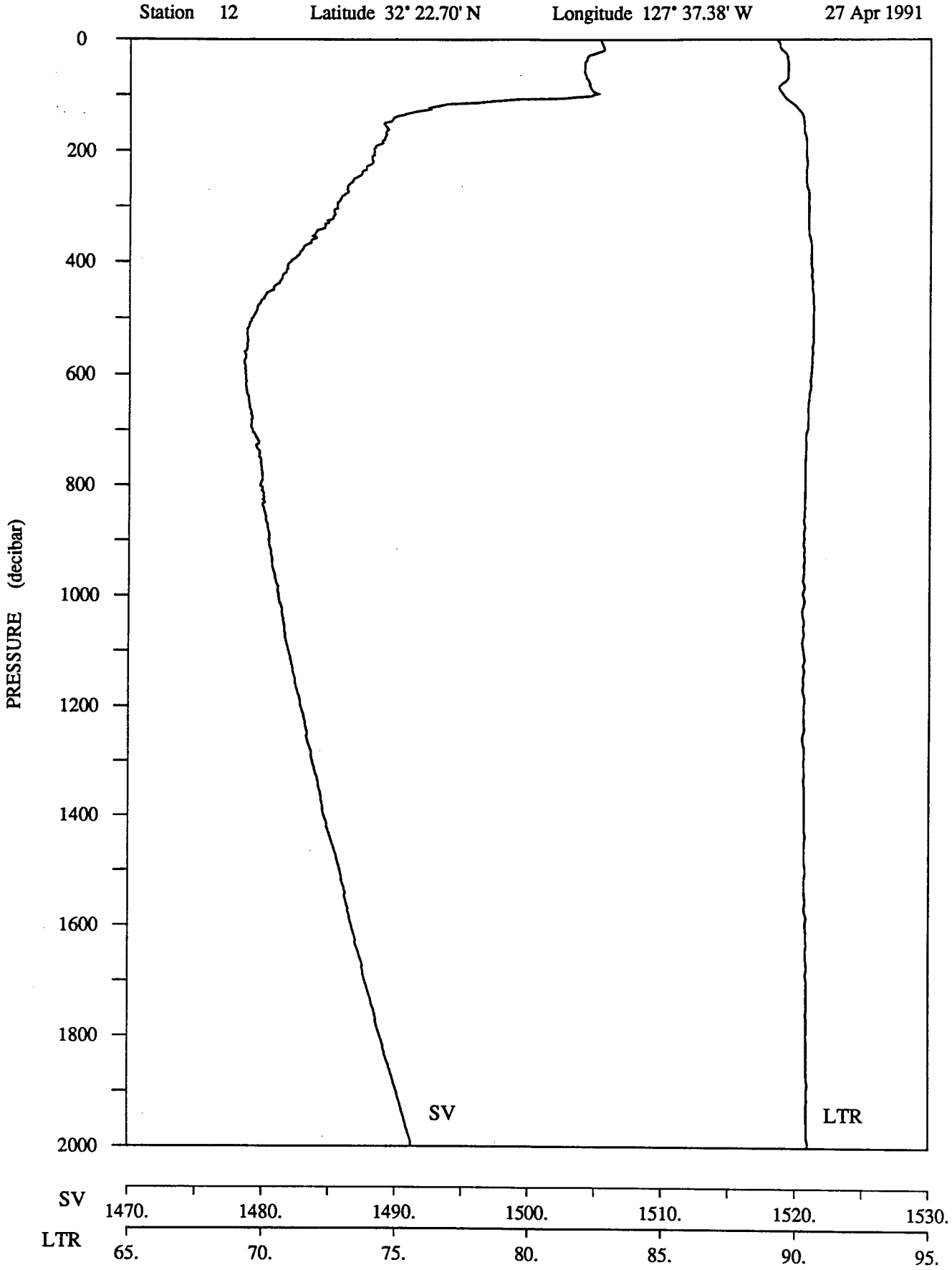
Station 12
Latitude 32° 22.70' N
Longitude 127° 37.38' W
27 Apr 1991
PRESSURE (decibar)
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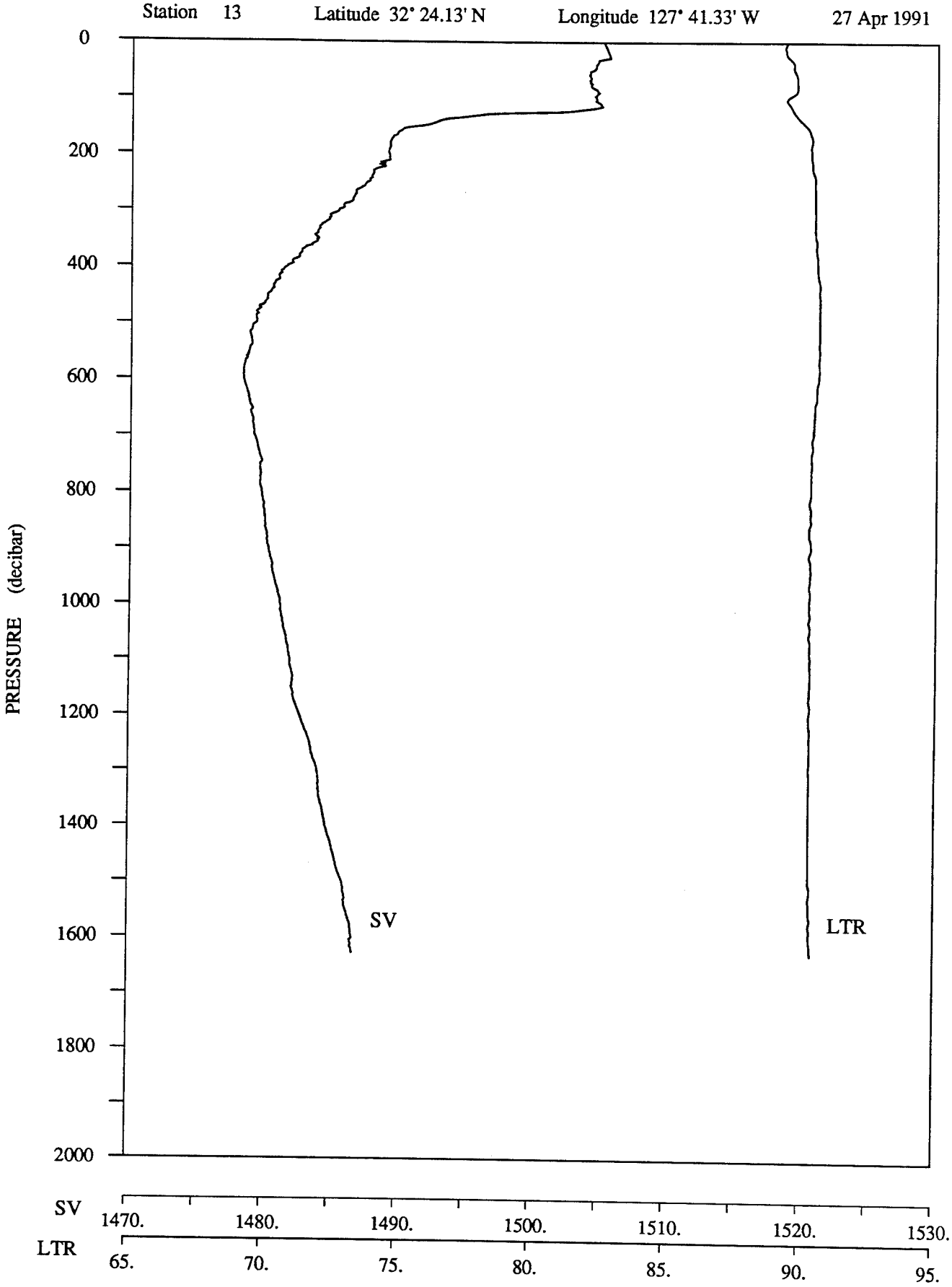
Station 13
Latitude 32° 24.13' N
Longitude 127° 41.33' W
27 Apr 1991
PRESSURE (decibar)
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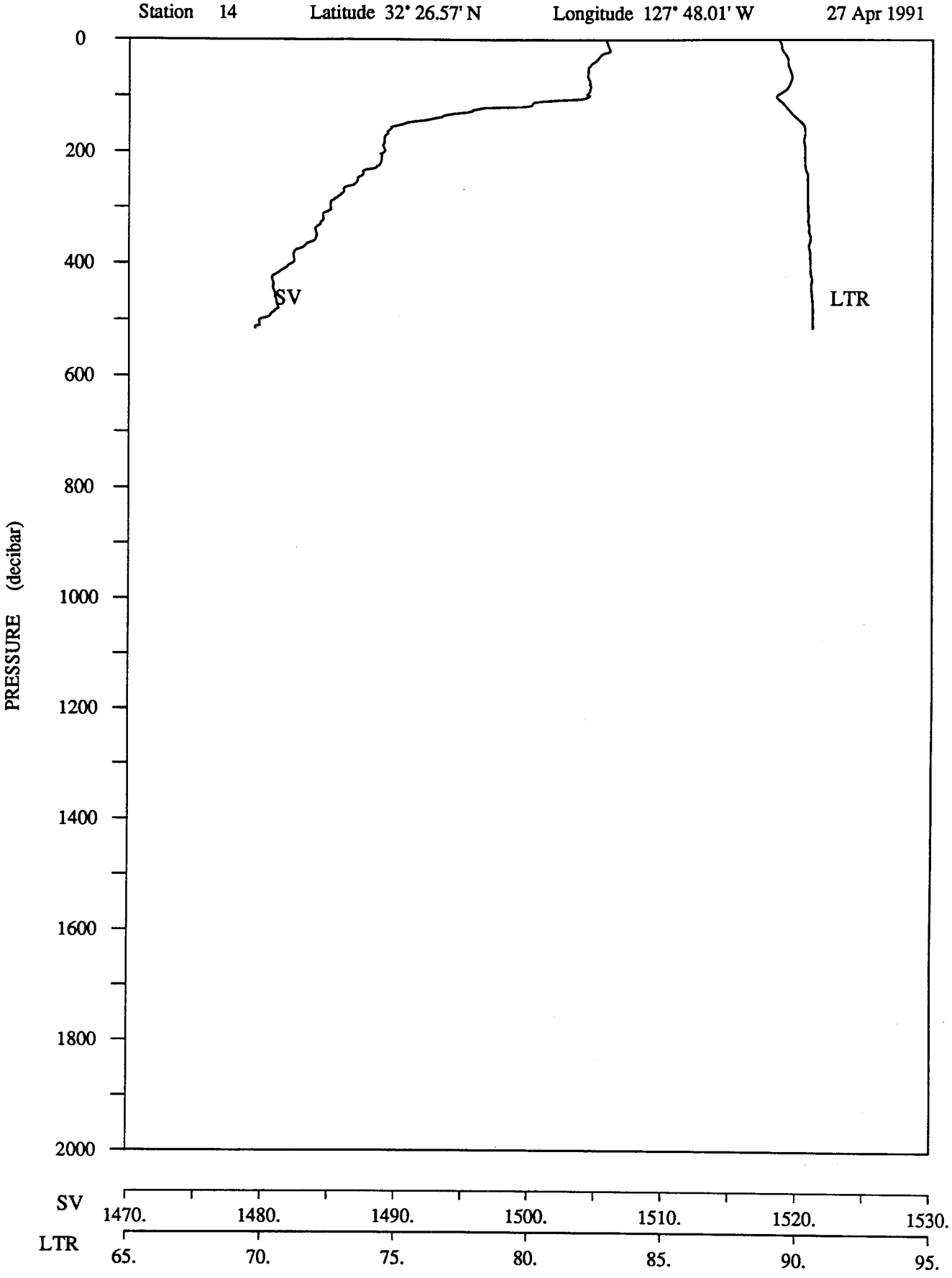
Station 14
Latitude 32° 26.57' N
Longitude 127° 48.01' W
27 Apr 1991
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PRESSURE (decibar)
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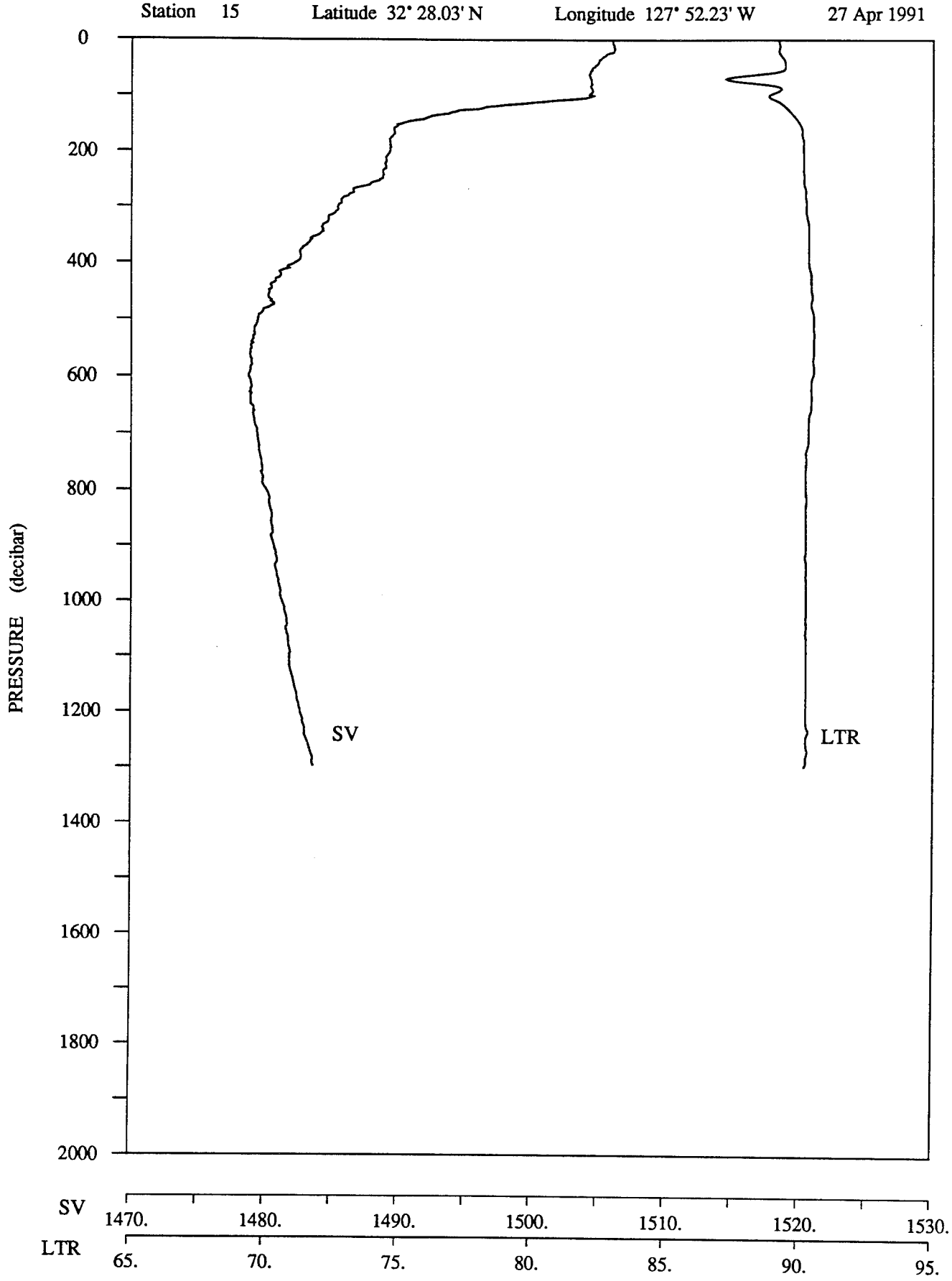
Station 15
Latitude 32° 28.03' N
Longitude 127° 52.23' W
27 Apr 1991
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PRESSURE (decibar)
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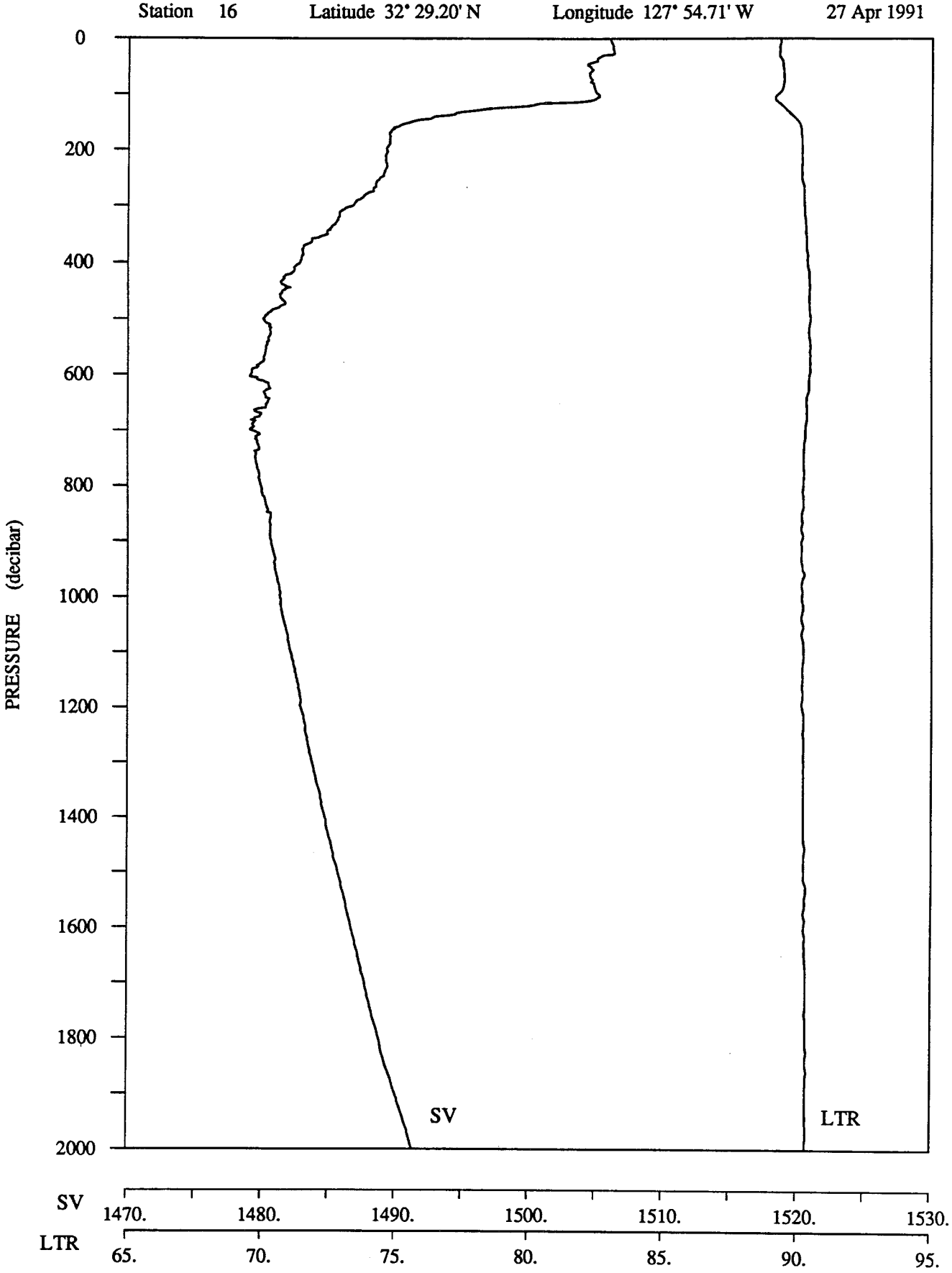
Station 16
Latitude 32° 29.20' N
Longitude 127° 54.71' W
27 Apr 1991
PRESSURE (decibar)
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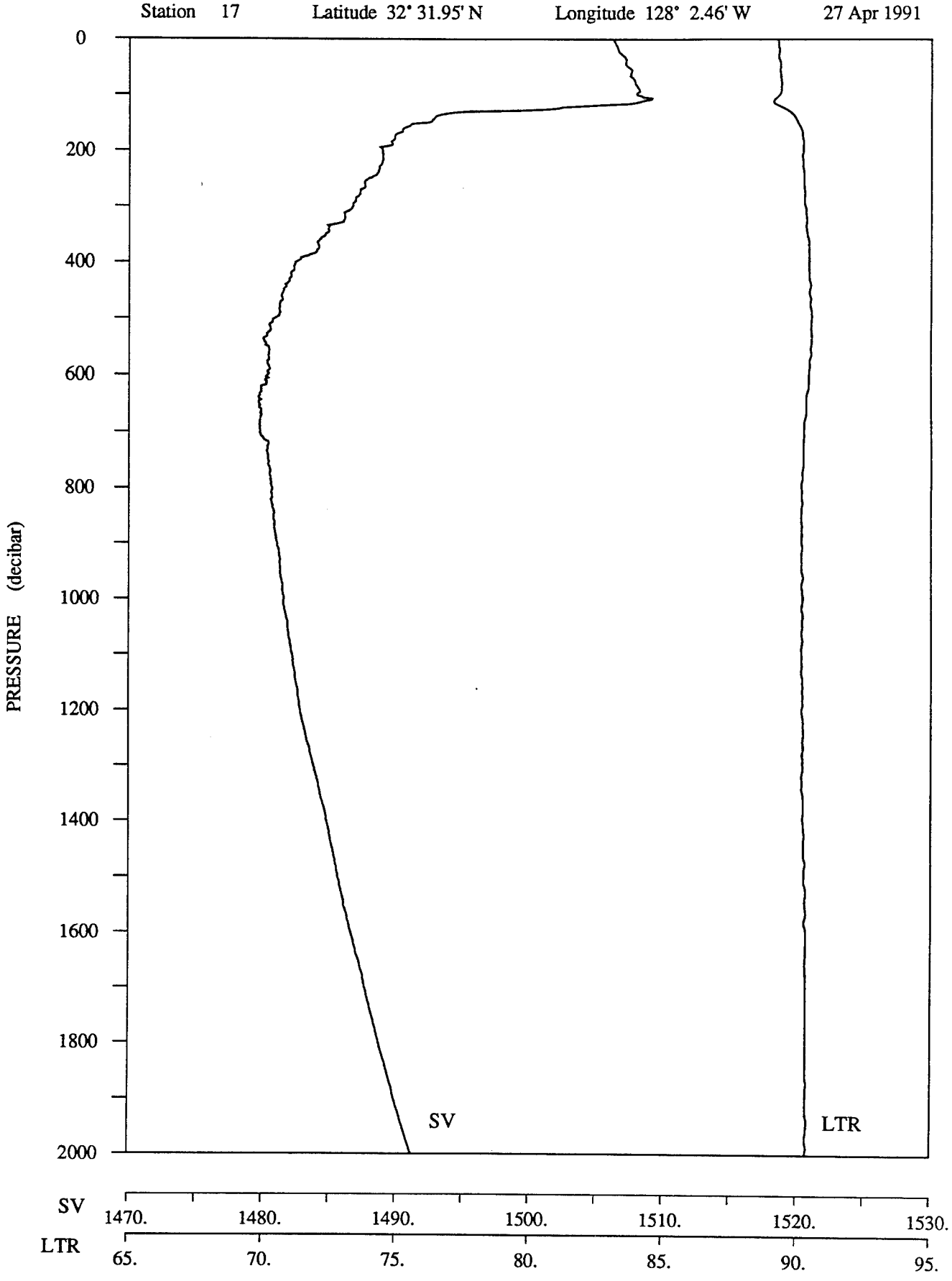
Station 17
Latitude 32° 31.95' N
Longitude 128° 2.46' W
27 Apr 1991
PRESSURE (decibar)
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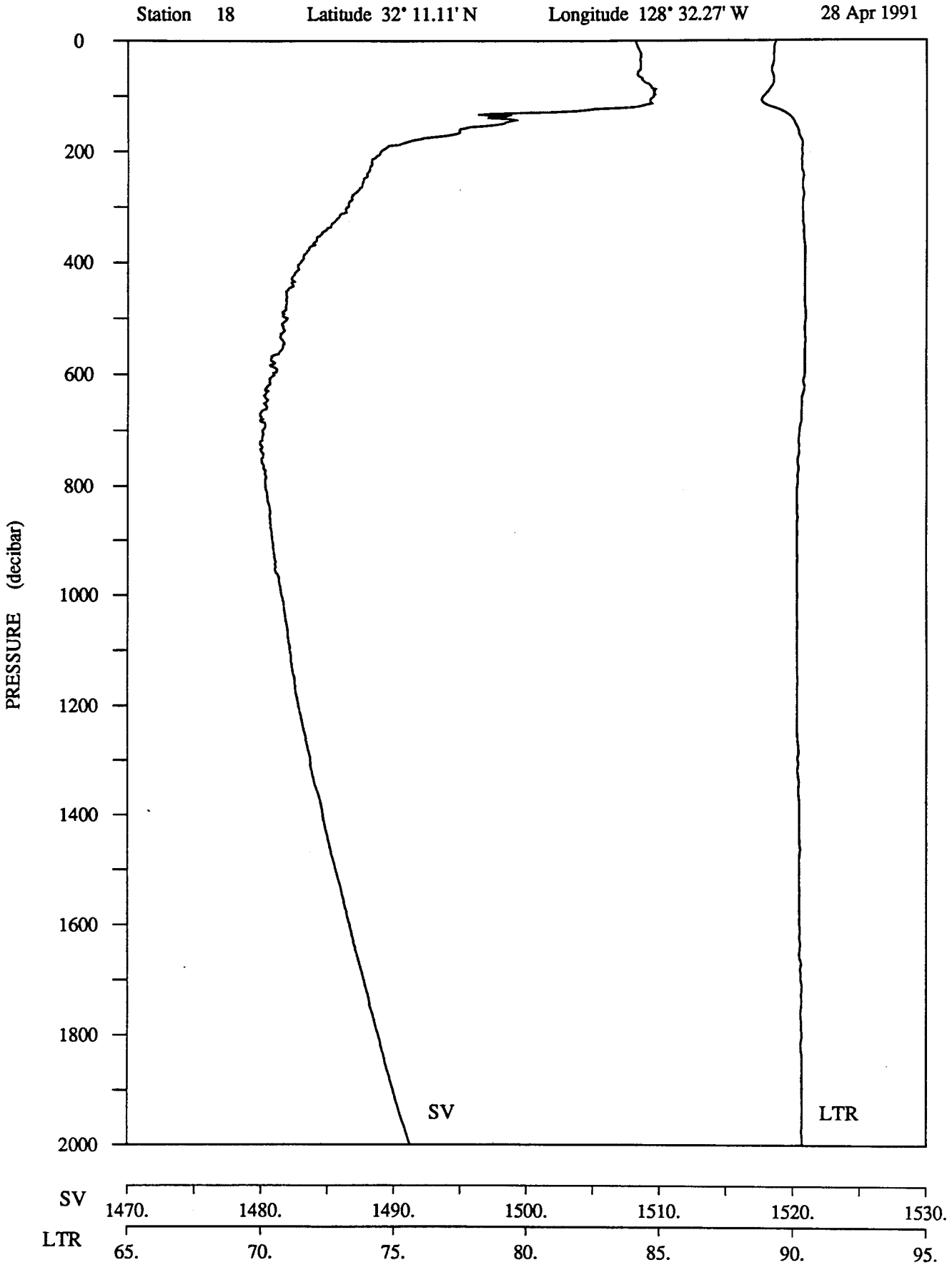
Station 18
Latitude 32° 11.11' N
Longitude 128° 32.27' W
28 Apr 1991
PRESSURE (decibar)
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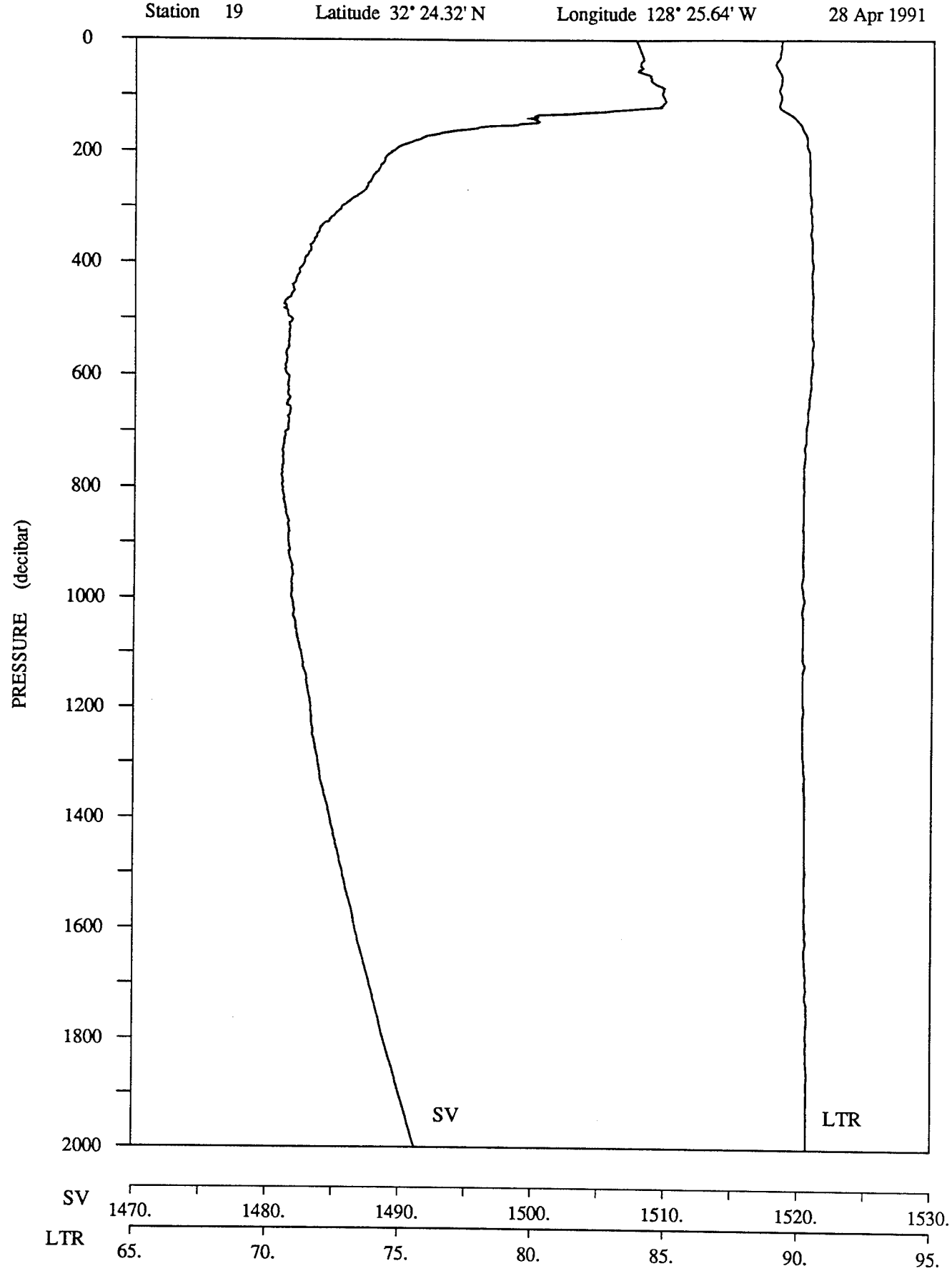
Station 19
Latitude 32° 24.32' N
Longitude 128° 25.64' W
28 Apr 1991
PRESSURE (decibar)
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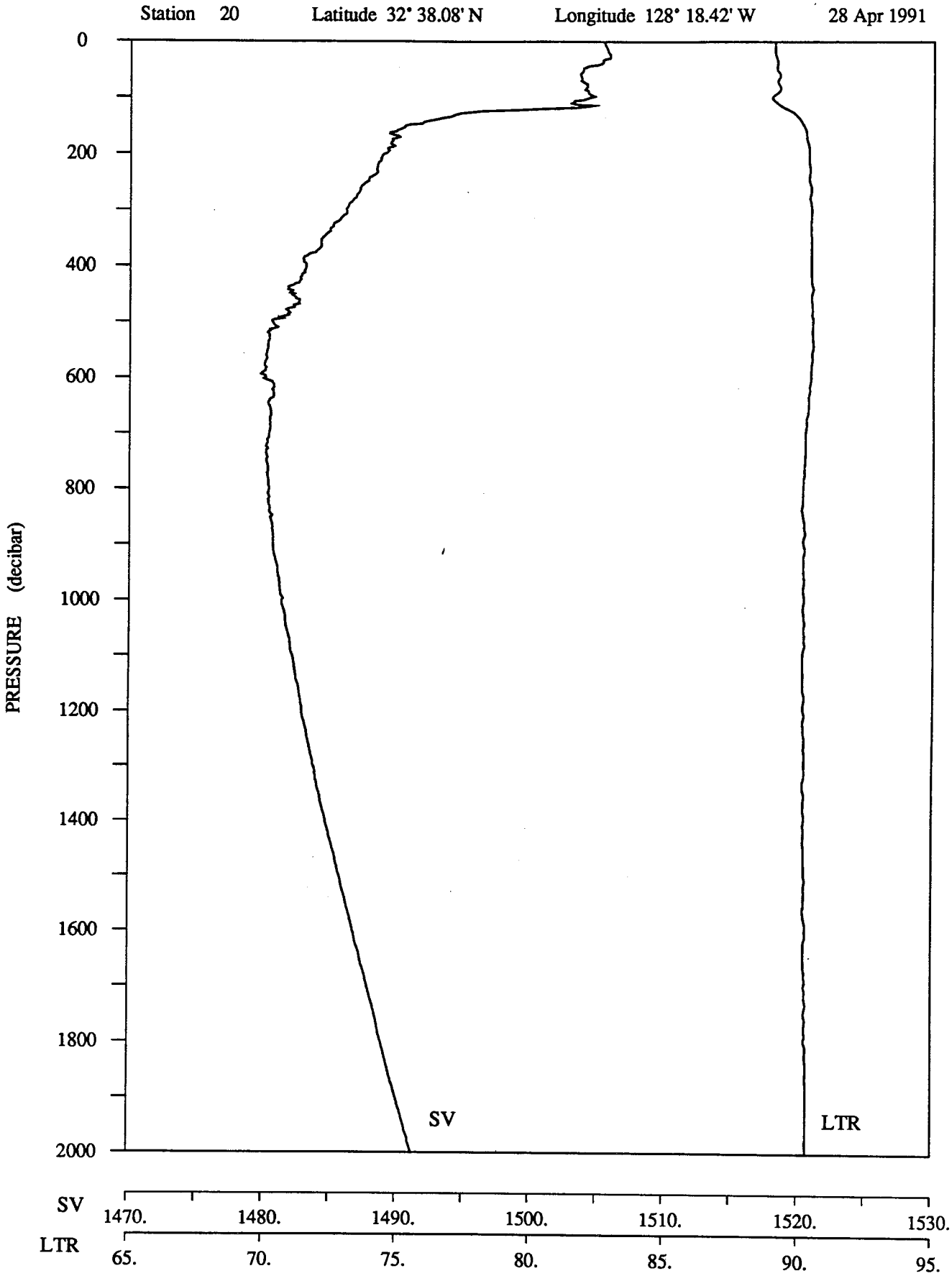
Station 20
Latitude 32° 38.08' N
Longitude 128° 18.42' W
28 Apr 1991
PRESSURE (decibar)
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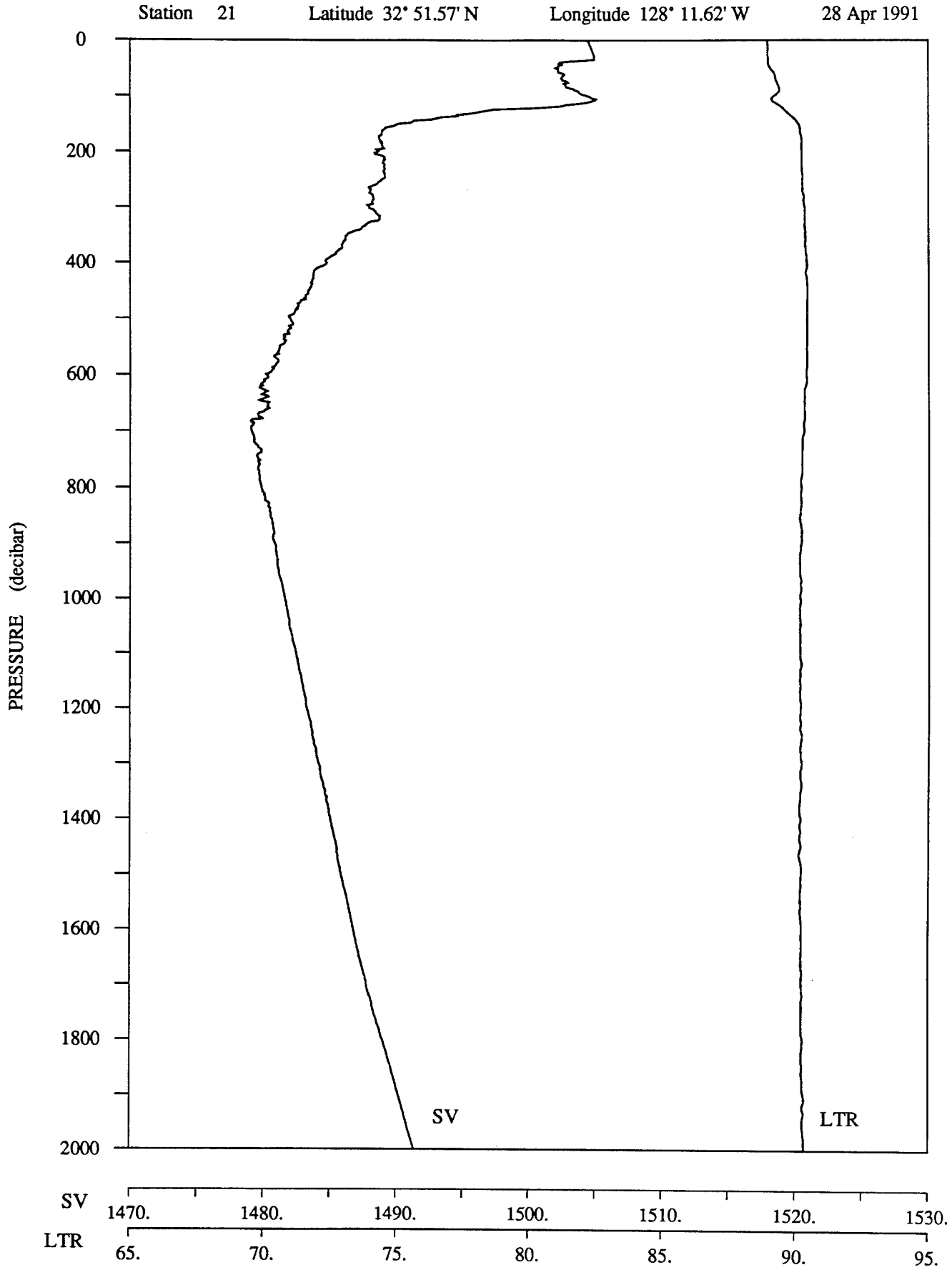
Station 21
Latitude 32° 51.57' N
Longitude 128° 11.62' W
28 Apr 1991
PRESSURE (decibar)
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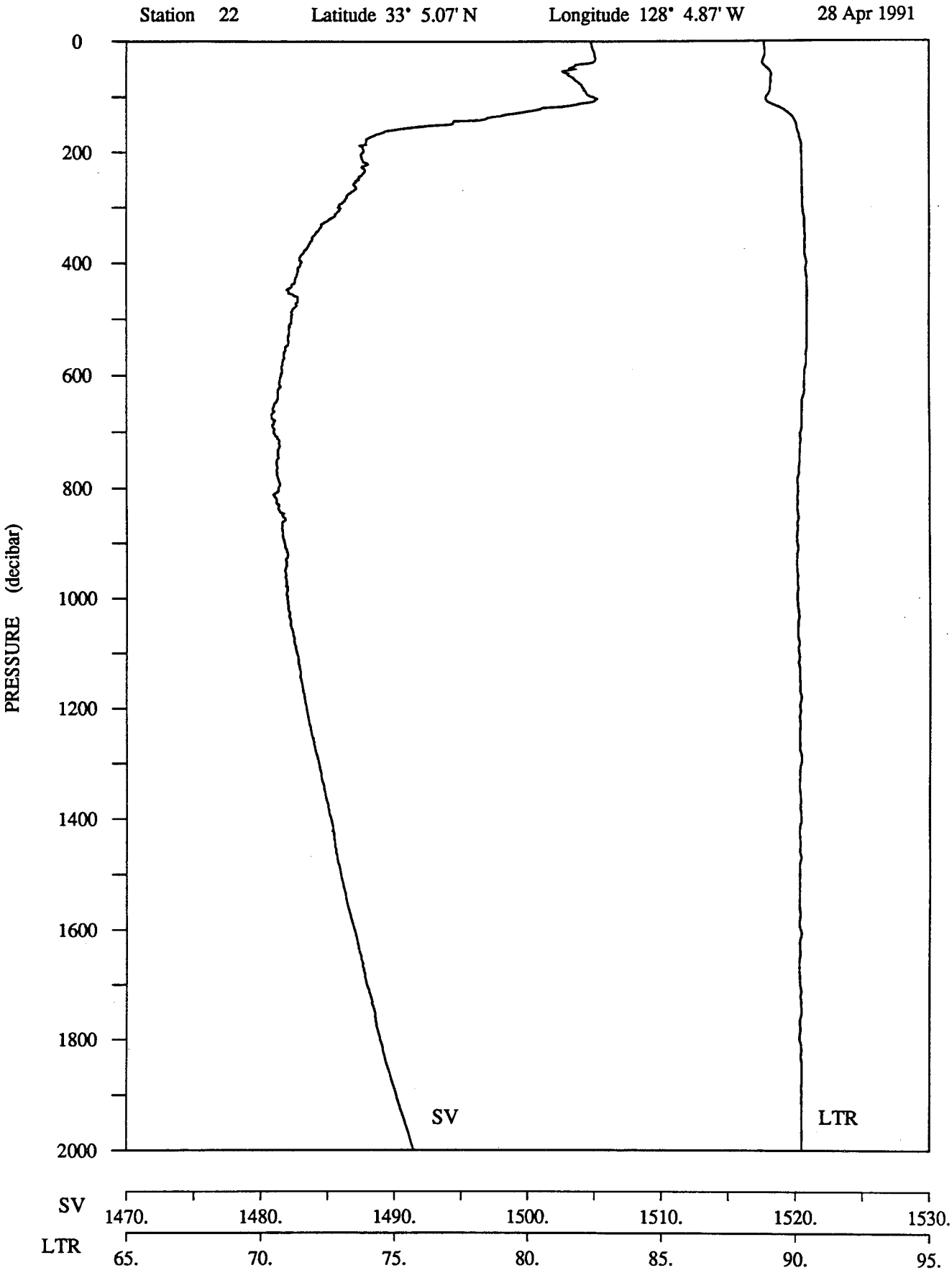
Station 22
Latitude 33° 5.07' N
Longitude 128° 4.87' W
28 Apr 1991
PRESSURE (decibar)
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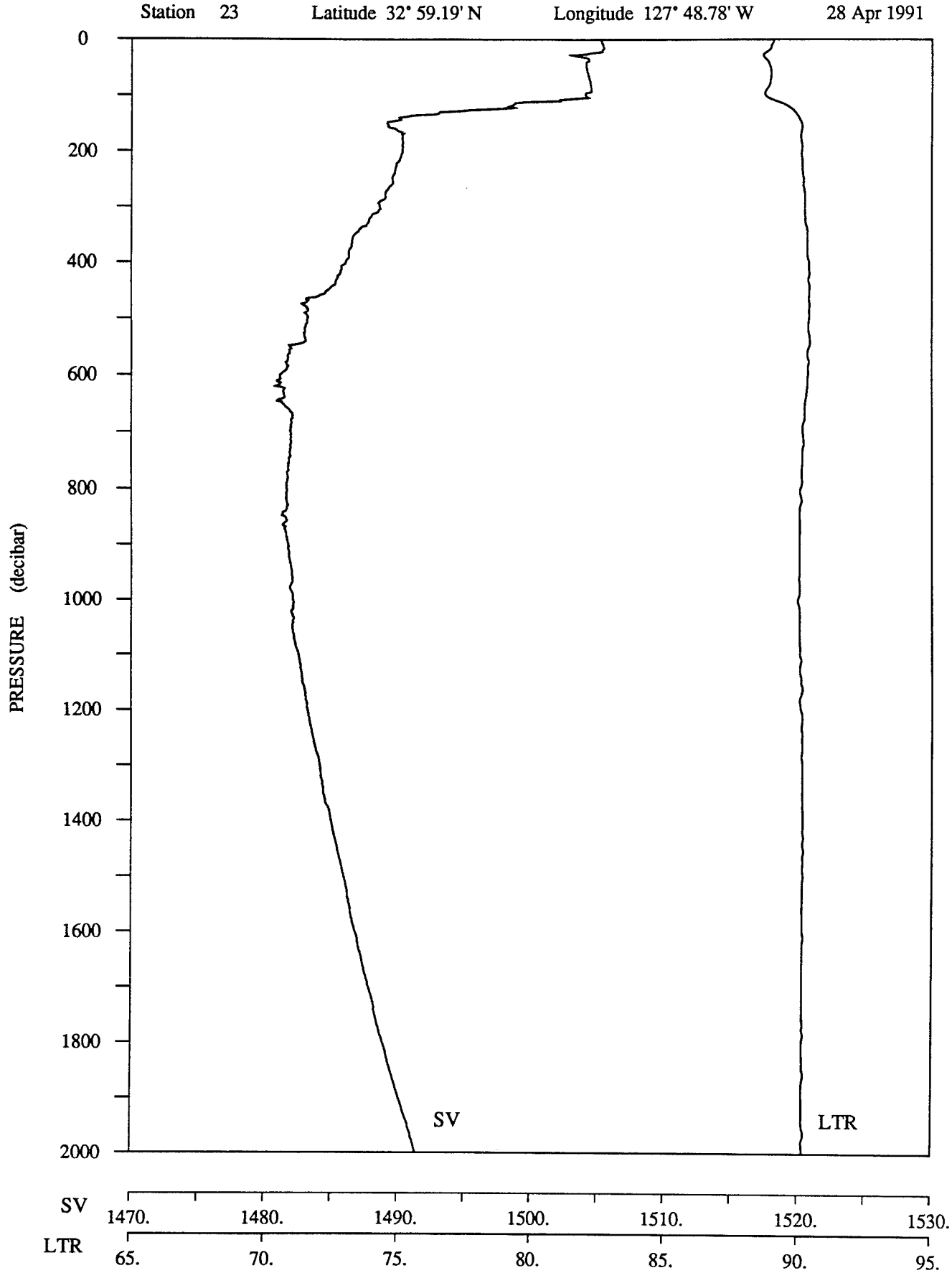
Station 23
Latitude 32° 59.19' N
Longitude 127° 48.78' W
28 Apr 1991
PRESSURE (decibar)
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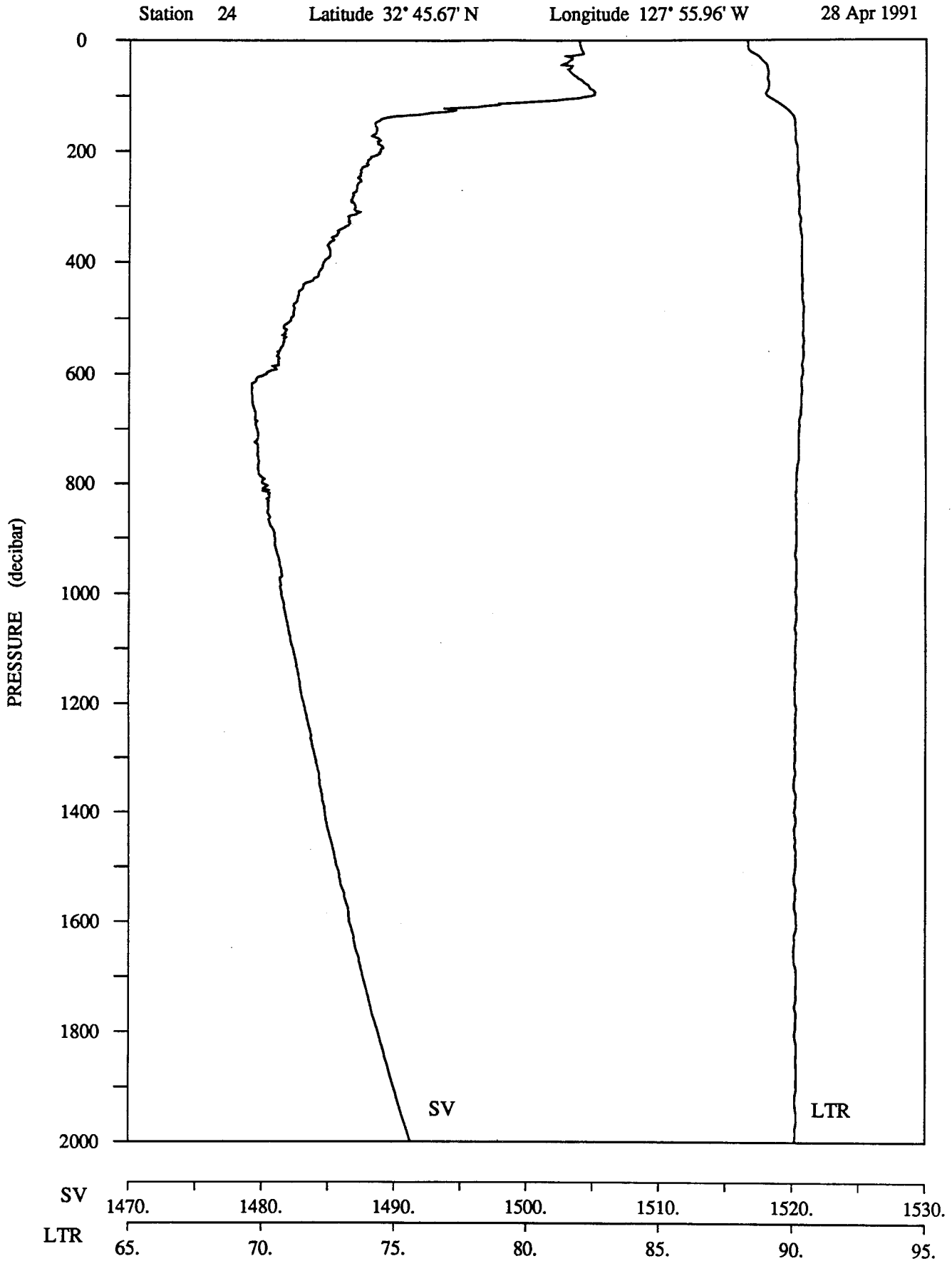
Station 24
Latitude 32° 45.67' N
Longitude 127° 55.96' W
28 Apr 1991
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PRESSURE (decibar)
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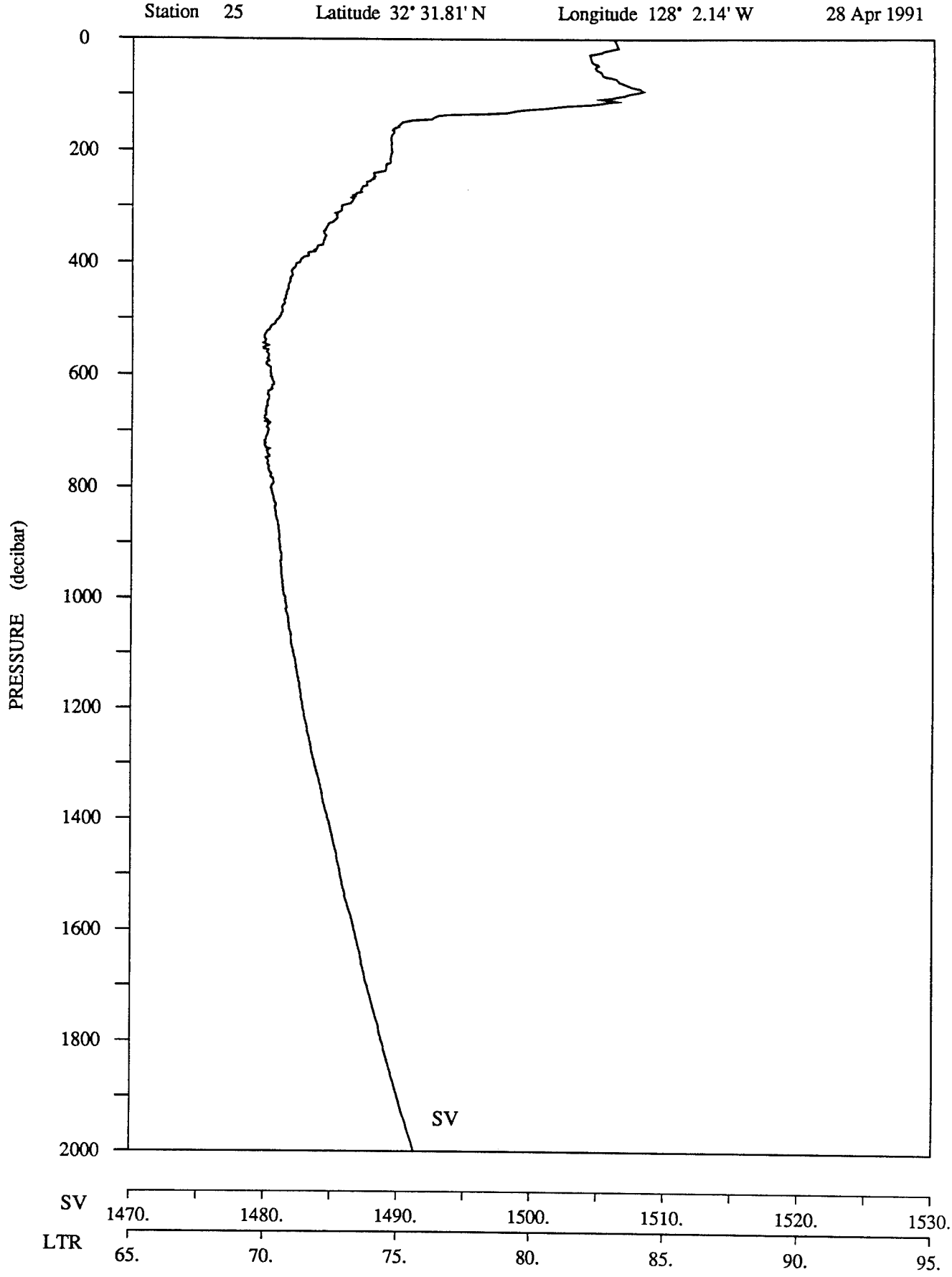
Station 25
Latitude 32° 31.81' N
Longitude 128° 2.14' W
28 Apr 1991
PRESSURE (decibar)
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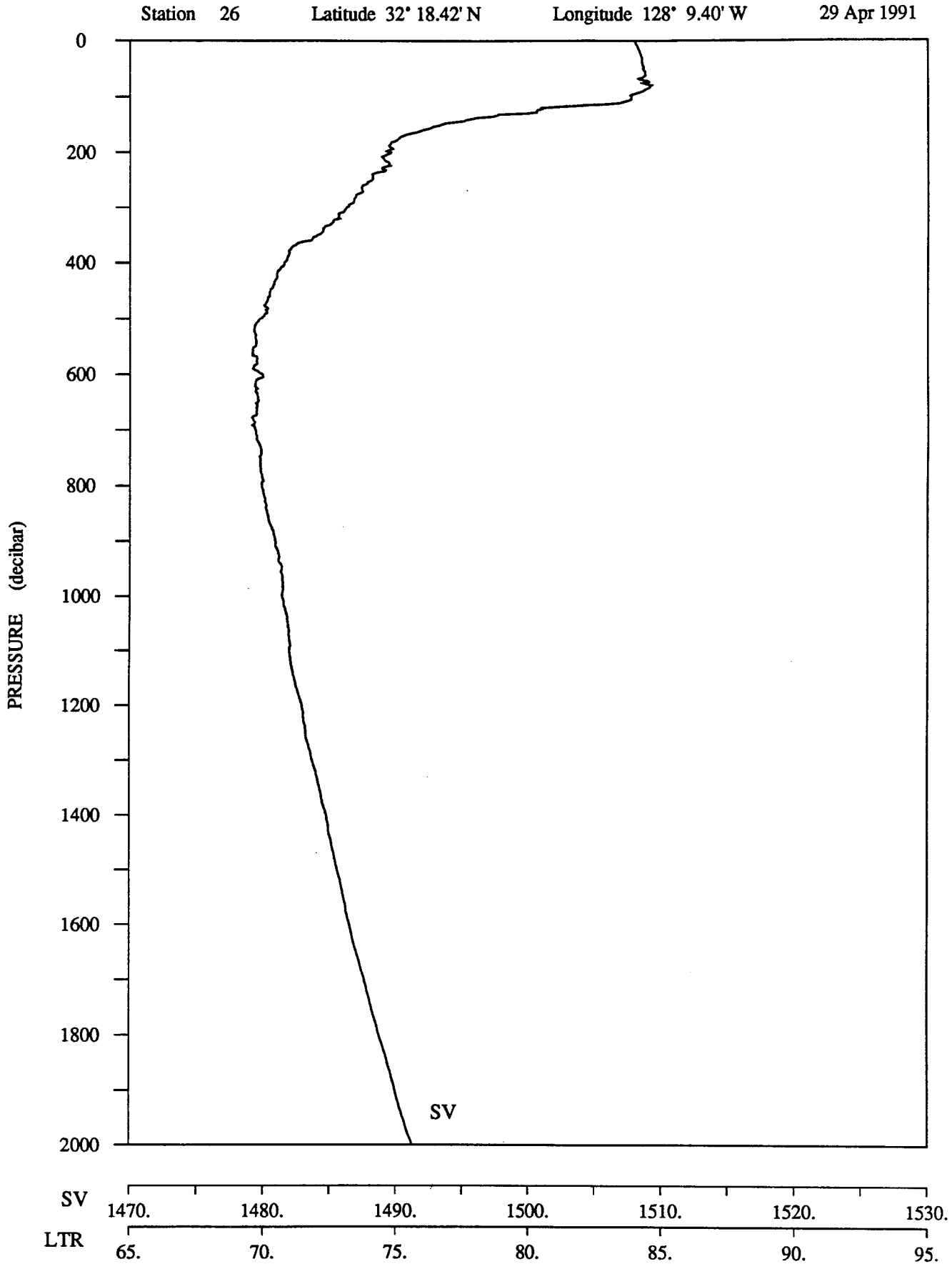
Station 26
Latitude 32° 18.42' N
Longitude 128° 9.40' W
29 Apr 1991
PRESSURE (decibar)
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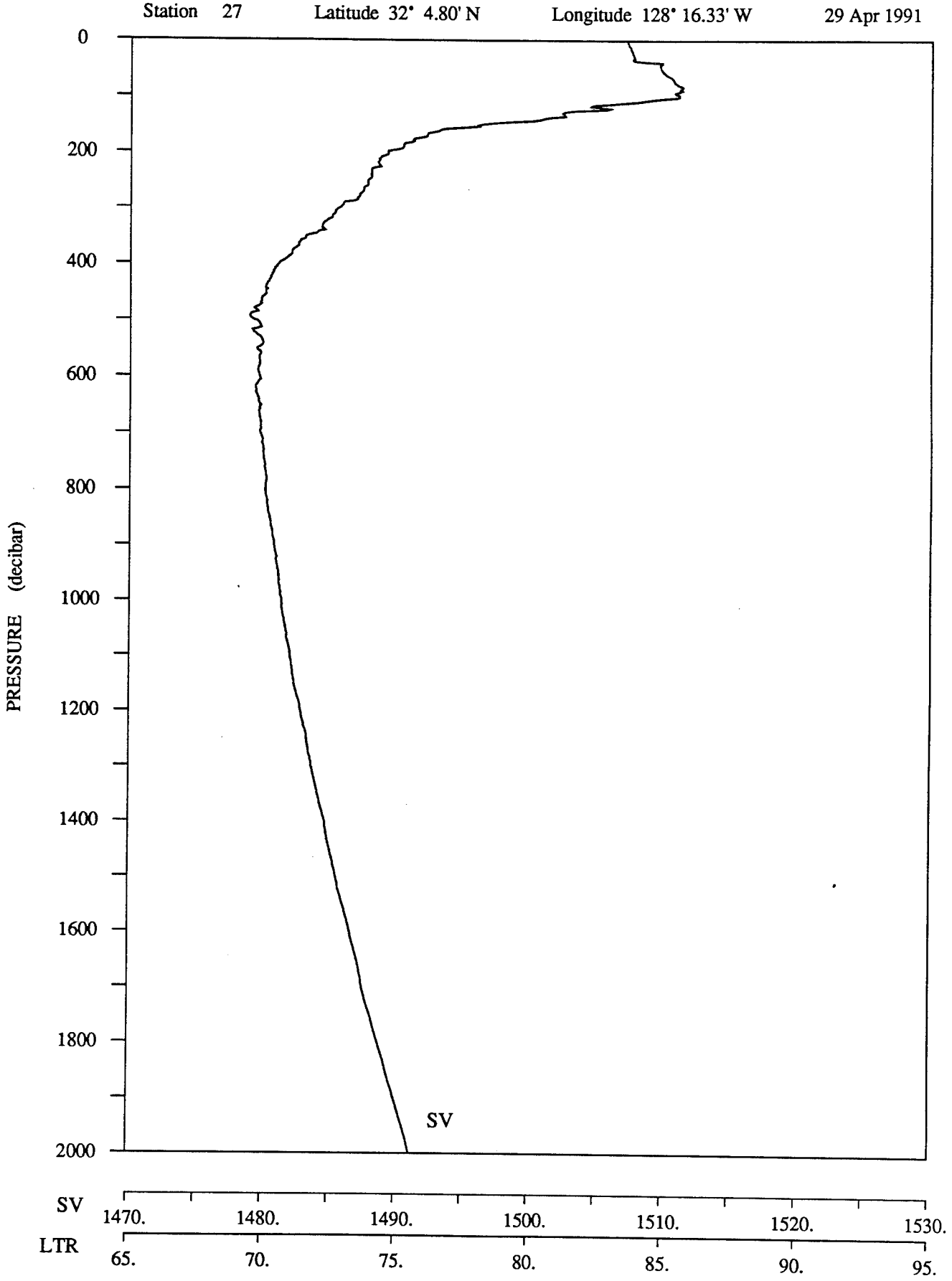
Station 27
Latitude 32° 4.80' N
Longitude 128° 16.33' W
29 Apr 1991
PRESSURE (decibar)
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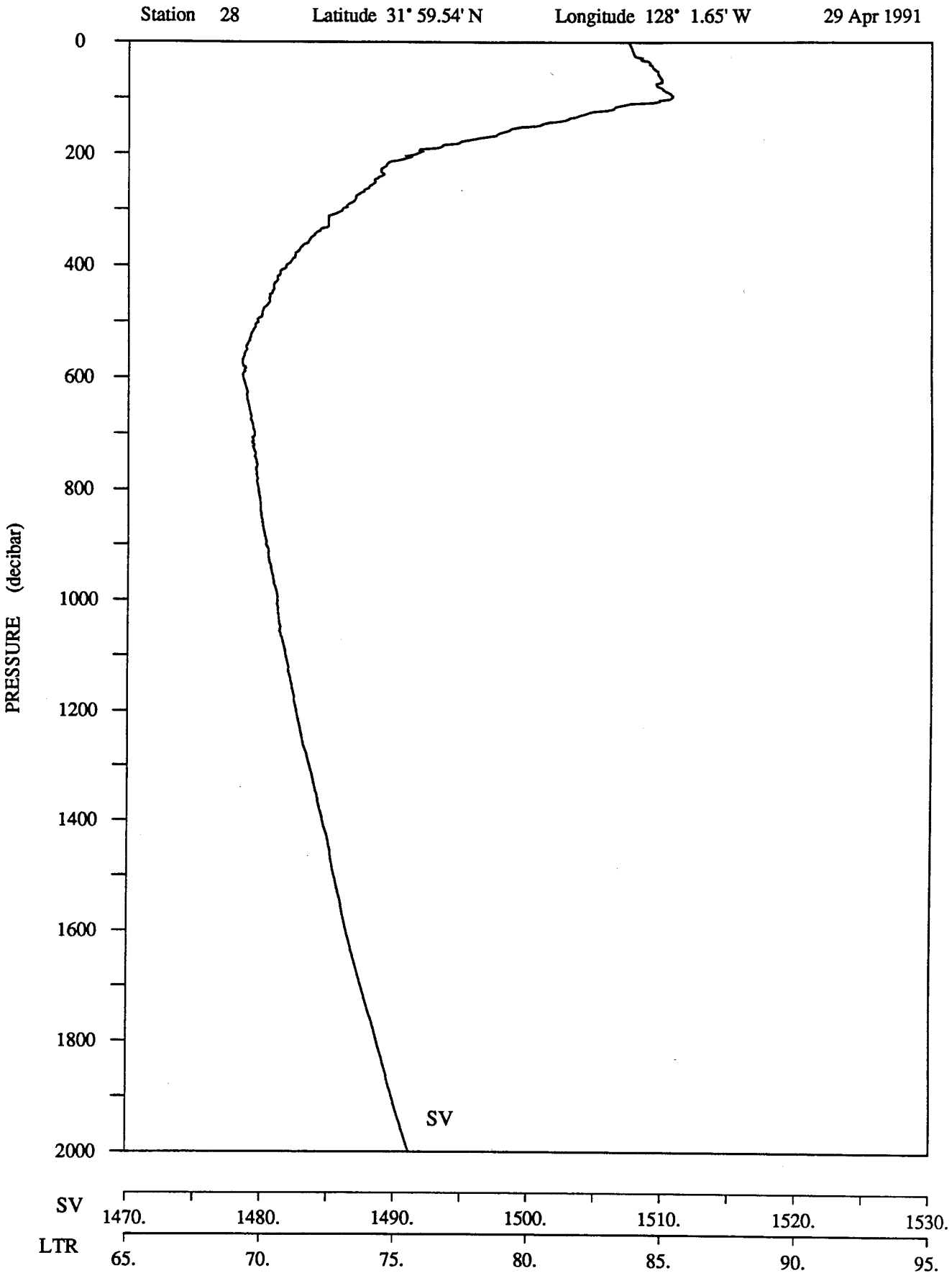
Station 28
Latitude 31° 59.54' N
Longitude 128° 1.65' W
29 Apr 1991
PRESSURE (decibar)
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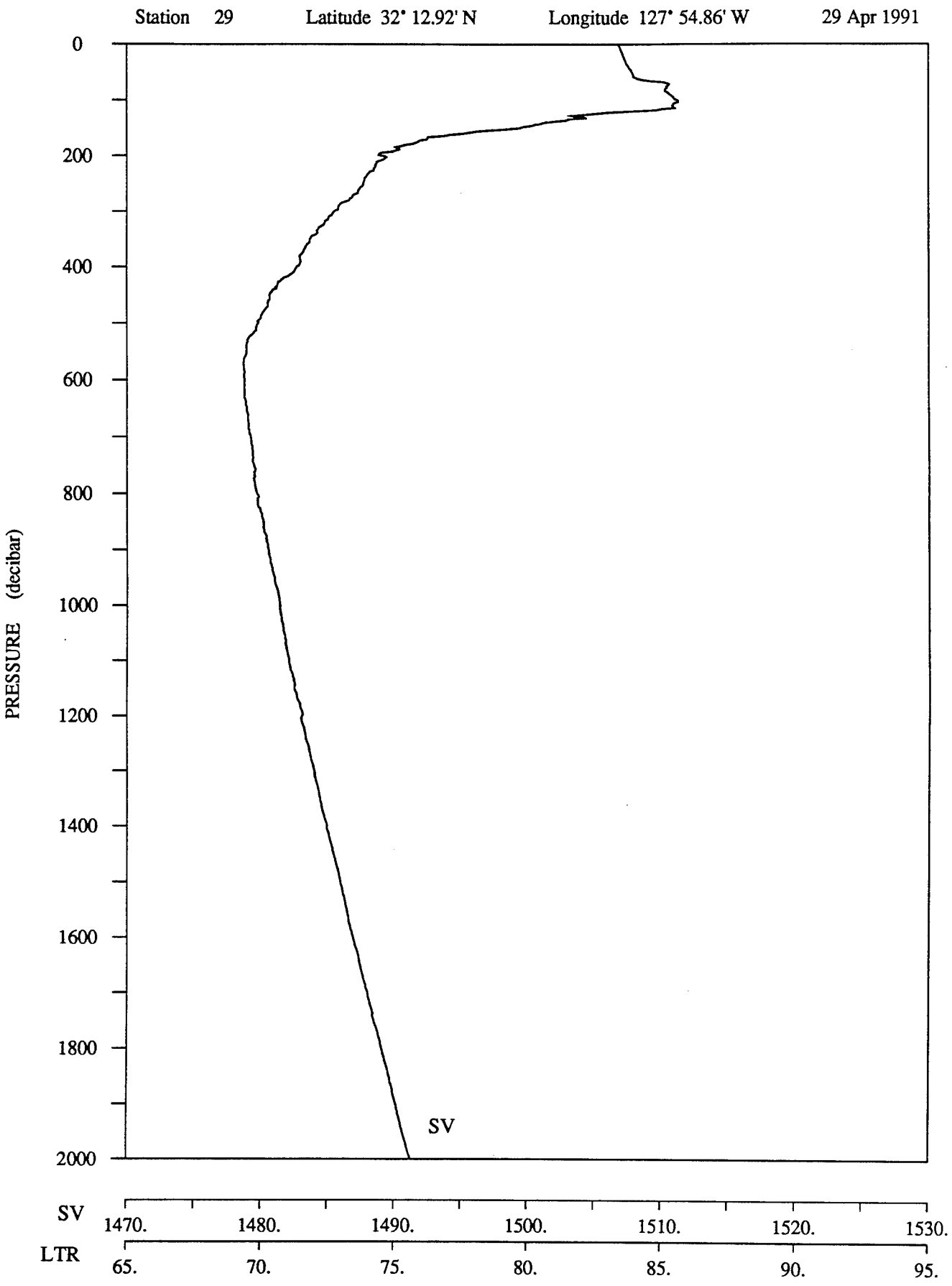
Station 29
Latitude 32° 12.92' N
Longitude 127° 54.86' W
29 Apr 1991
PRESSURE (decibar)
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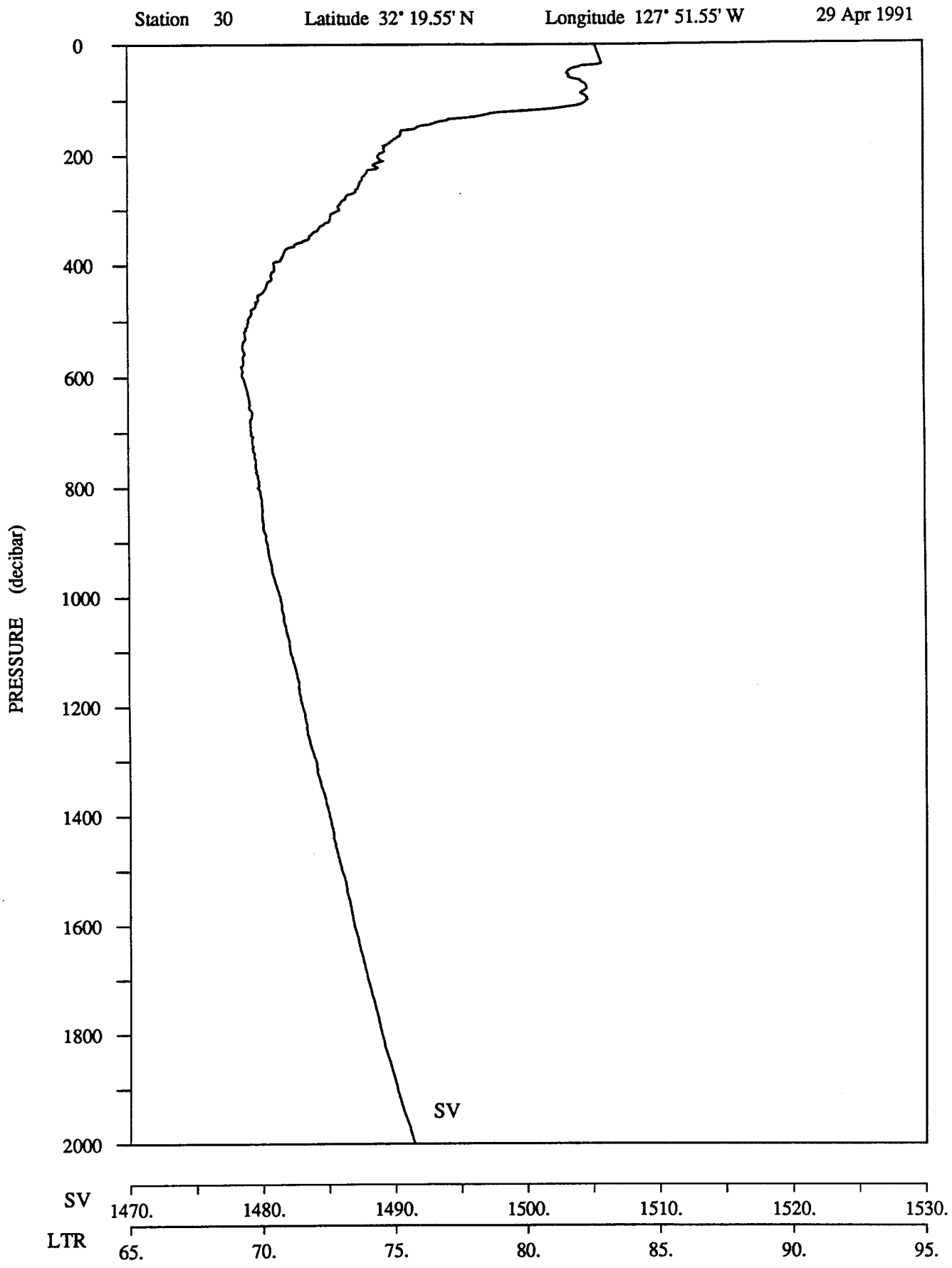
Station 30
Latitude 32° 19.55' N
Longitude 127° 51.55' W
29 Apr 1991
PRESSURE (decibar)
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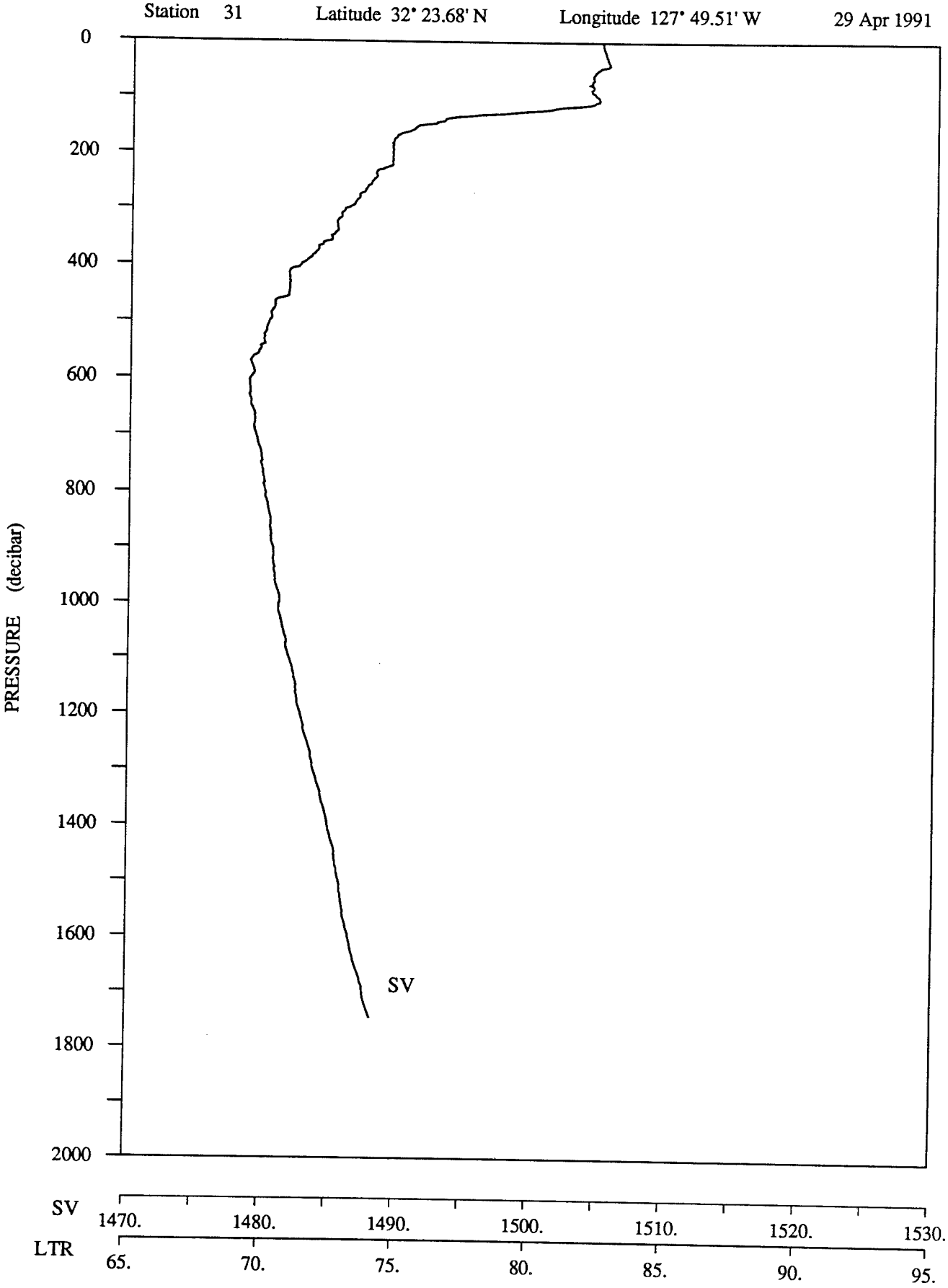
Station 31
Latitude 32° 23.68' N
Longitude 127° 49.51' W
29 Apr 1991
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PRESSURE (decibar)
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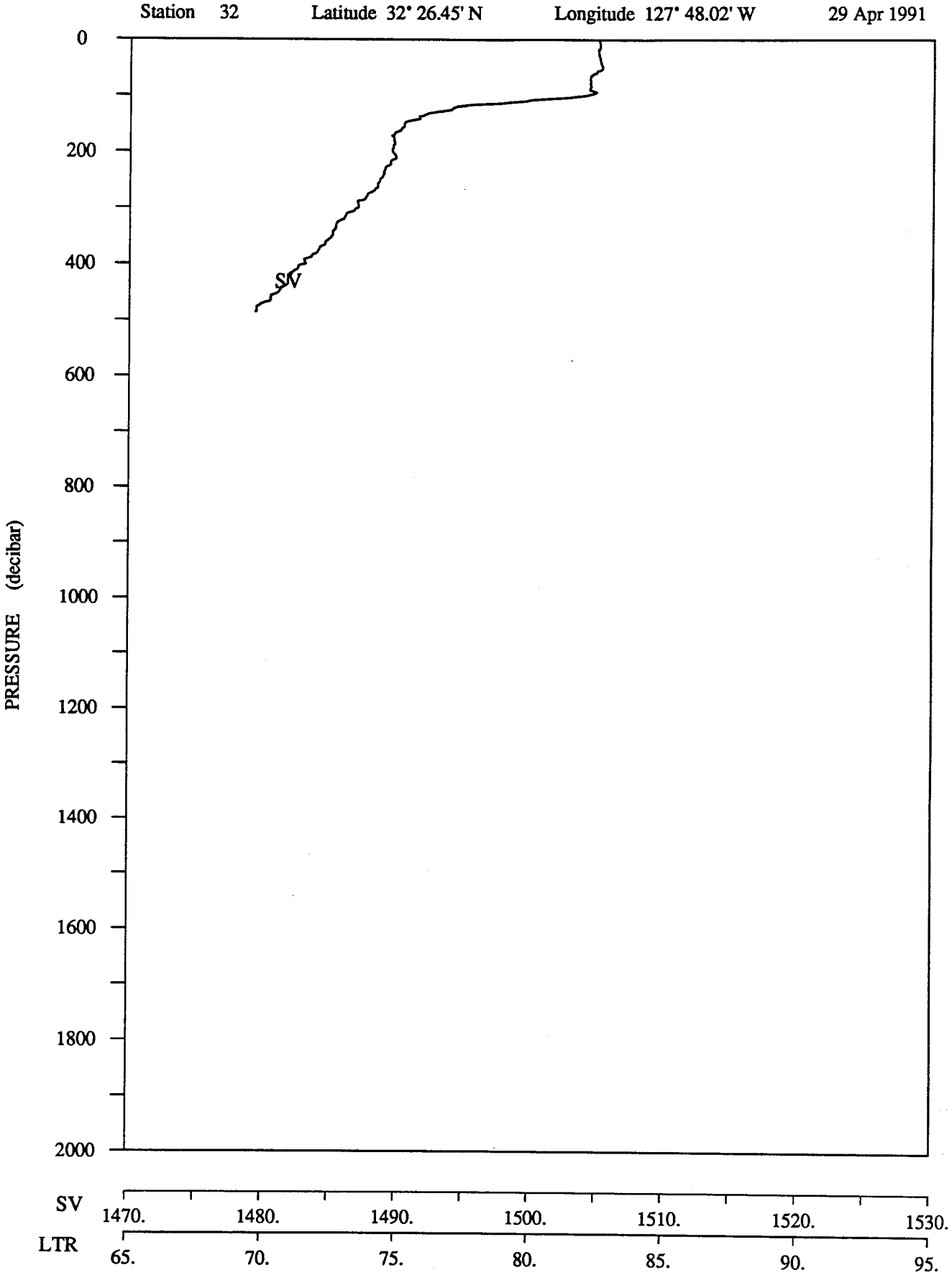
Station 32
Latitude 32° 26.45' N
Longitude 127° 48.02' W
29 Apr 1991
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PRESSURE (decibar)
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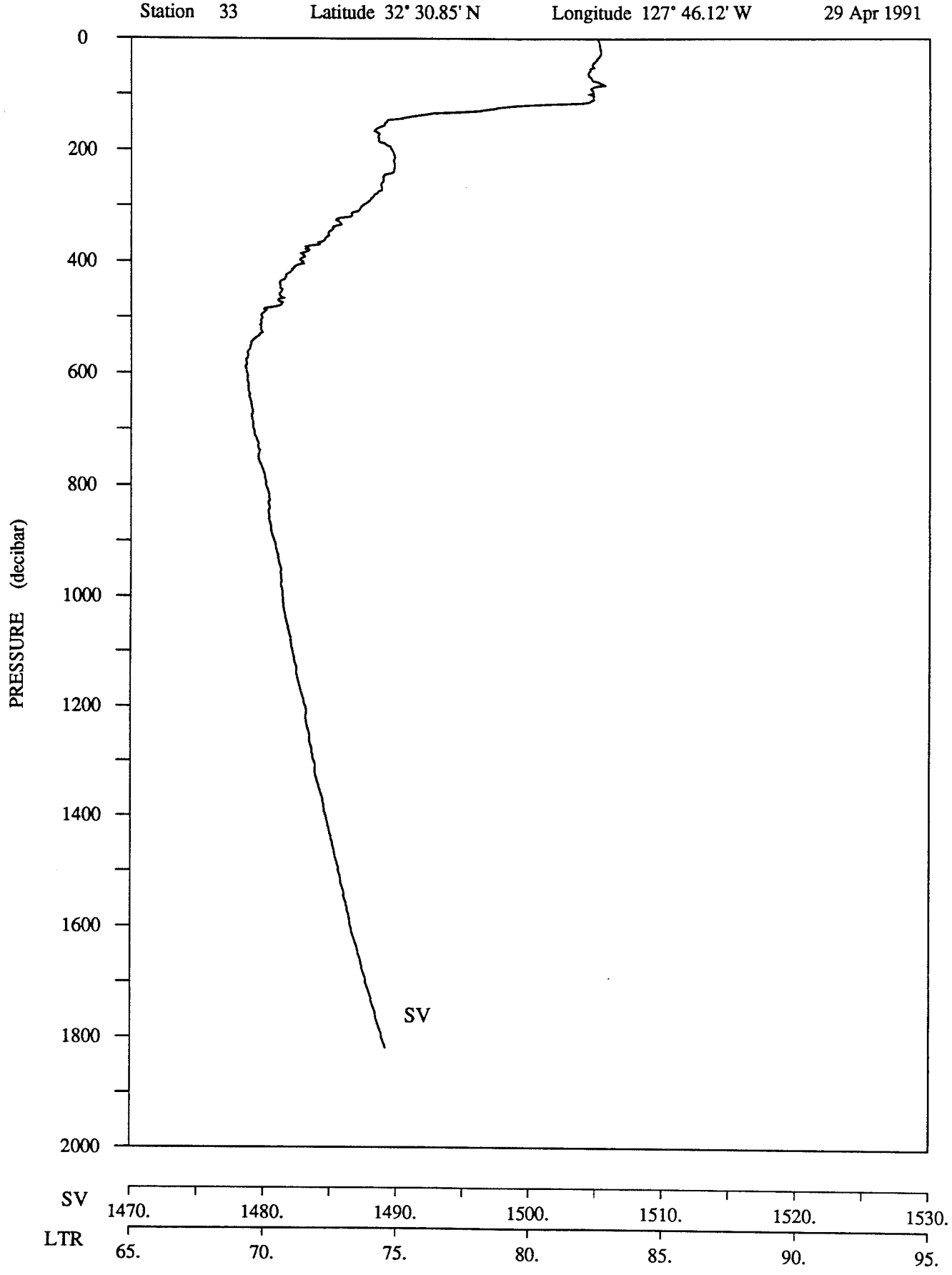
Station 33
Latitude 32° 30.85' N
Longitude 127° 46.12' W
29 Apr 1991
PRESSURE (decibar)
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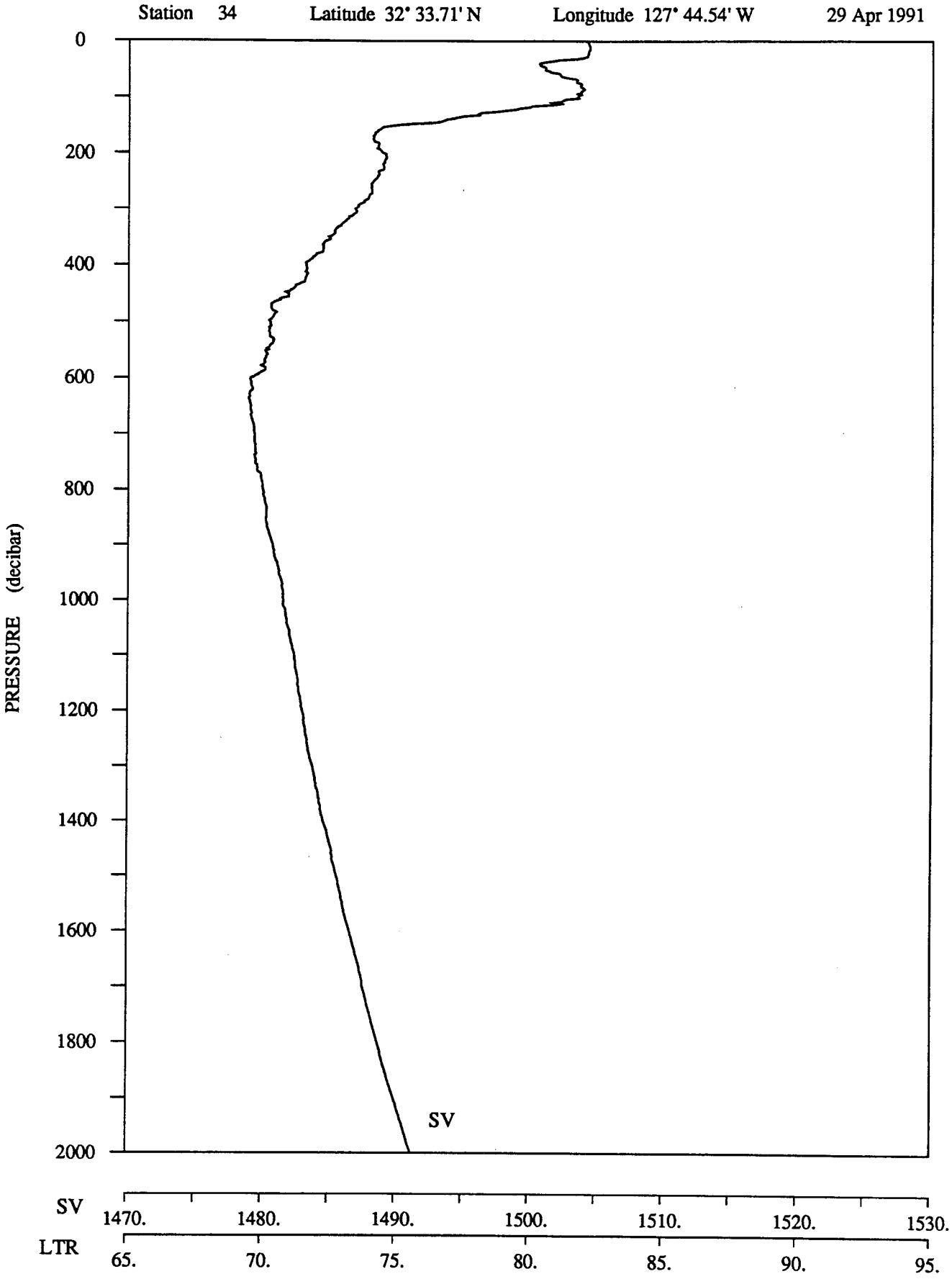
Station 34
Latitude 32° 33.71' N
Longitude 127° 44.54' W
29 Apr 1991
PRESSURE (decibar)
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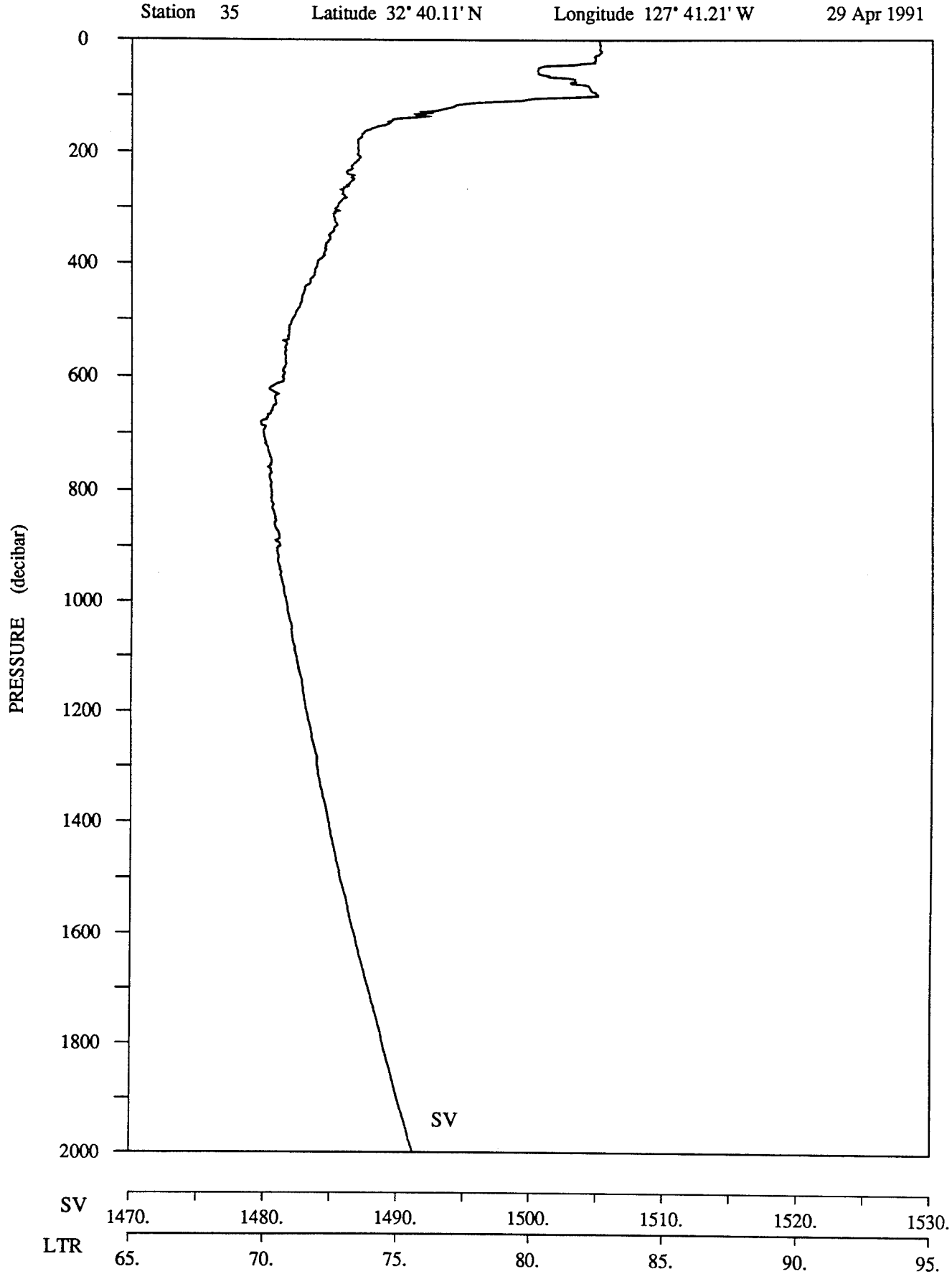
Station 35
Latitude 32° 40.11' N
Longitude 127° 41.21' W
29 Apr 1991
PRESSURE (decibar)
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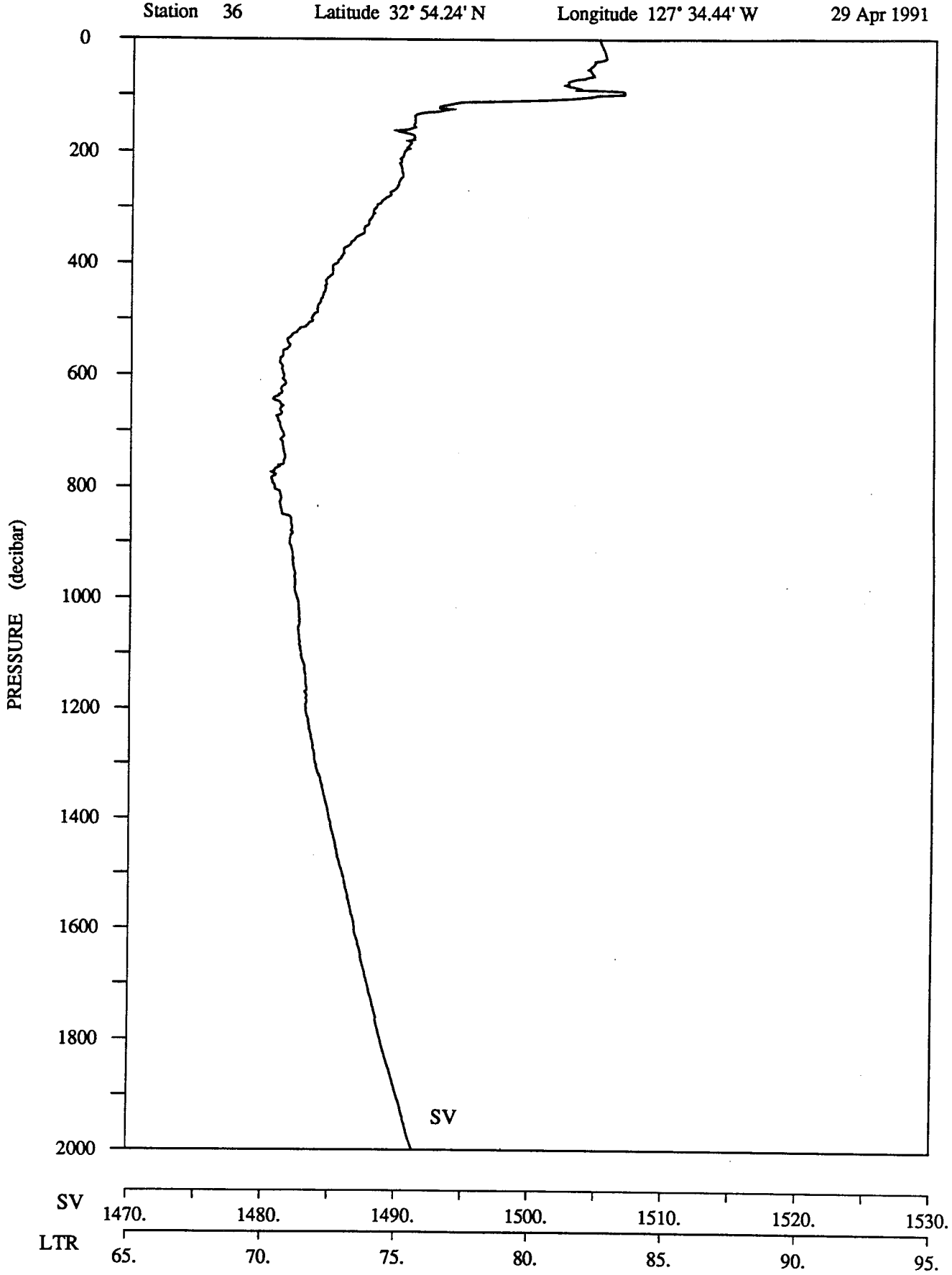
Station 36
Latitude 32° 54.24' N
Longitude 127° 34.44' W
29 Apr 1991
PRESSURE (decibar)
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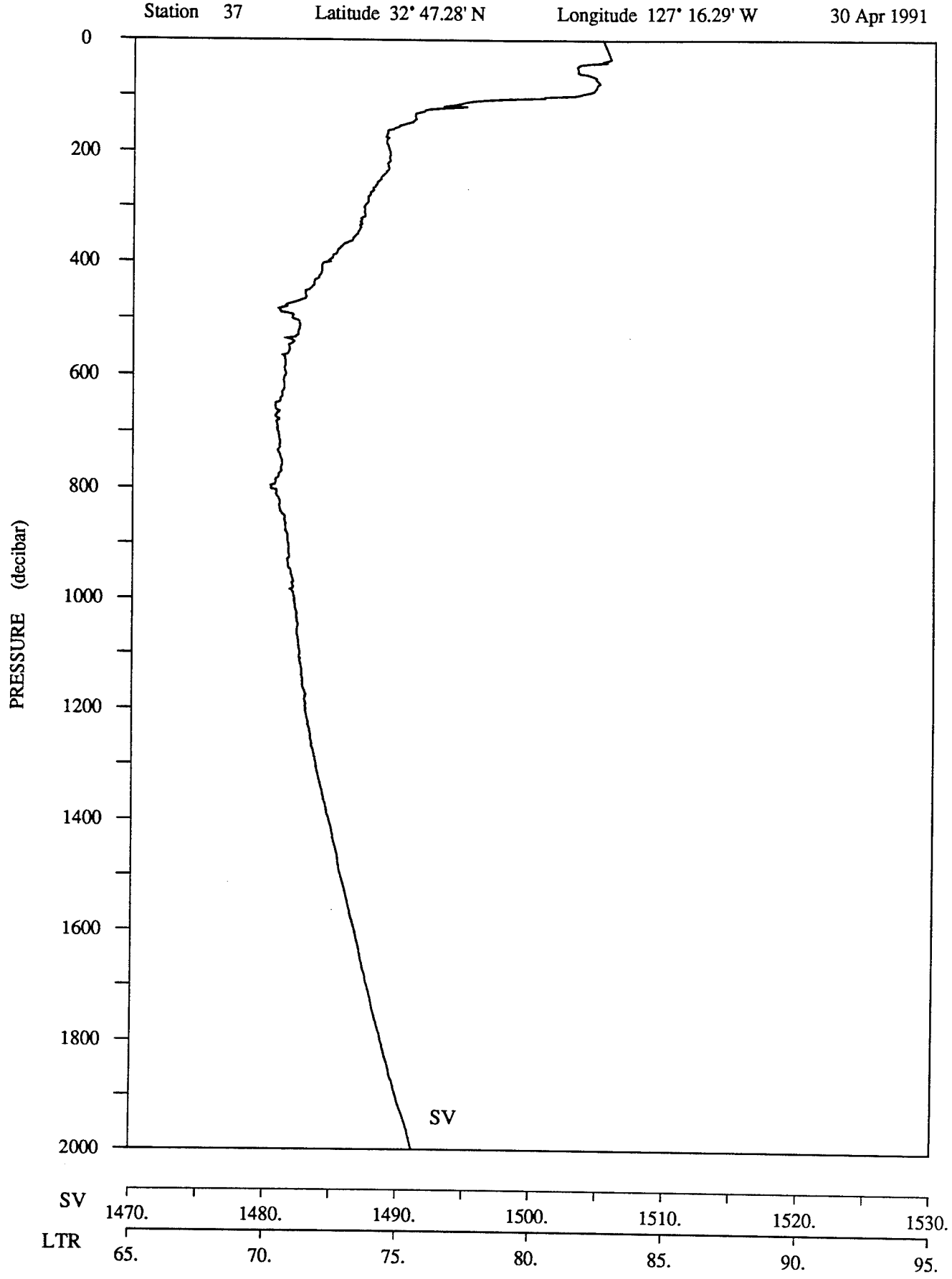
Station 37
Latitude 32° 47.28' N
Longitude 127° 16.29' W
30 Apr 1991
PRESSURE (decibar)
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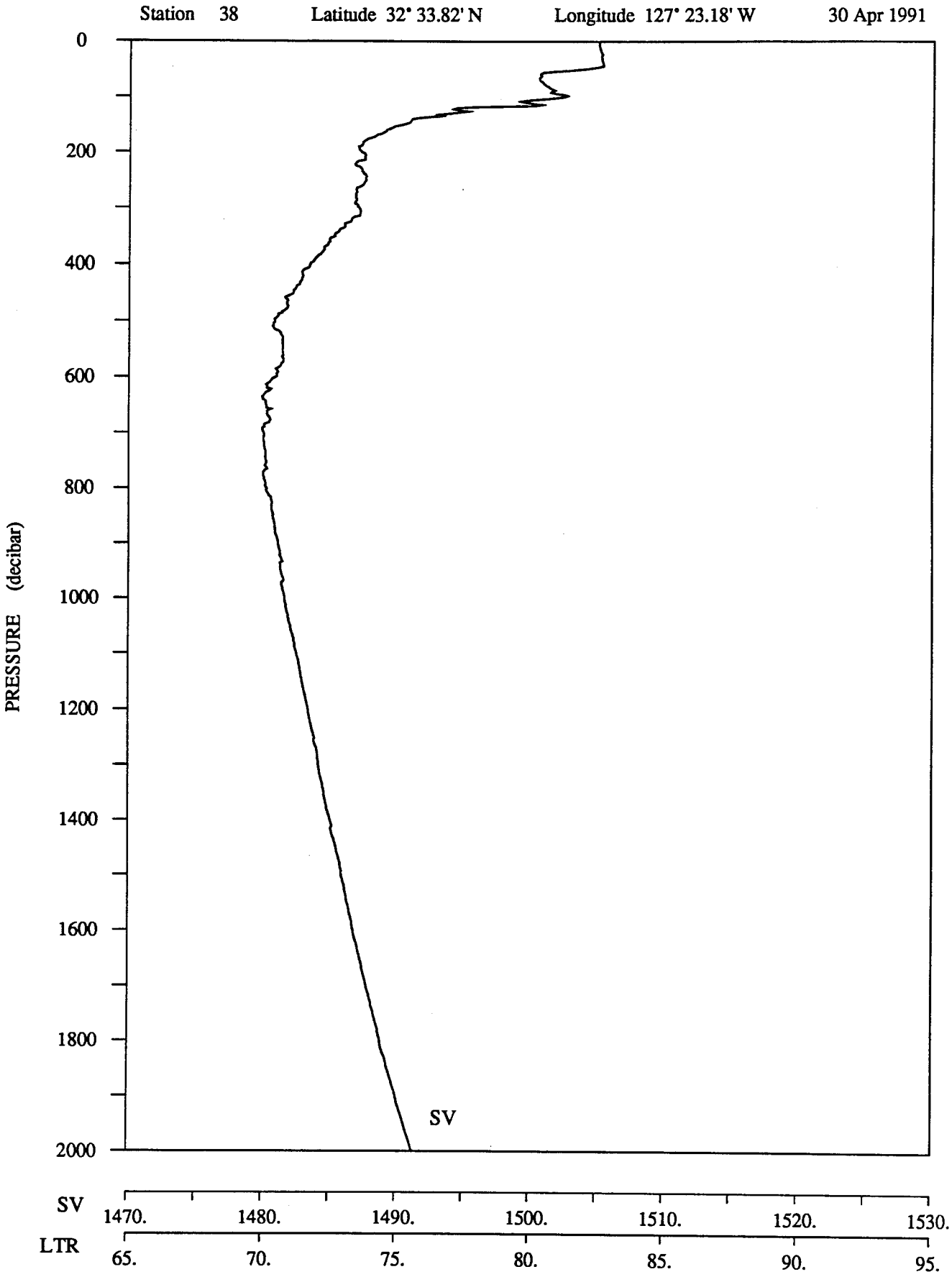
Station 38
Latitude 32° 33.82' N
Longitude 127° 23.18' W
30 Apr 1991
PRESSURE (decibar)
0
200
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SV
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LTR
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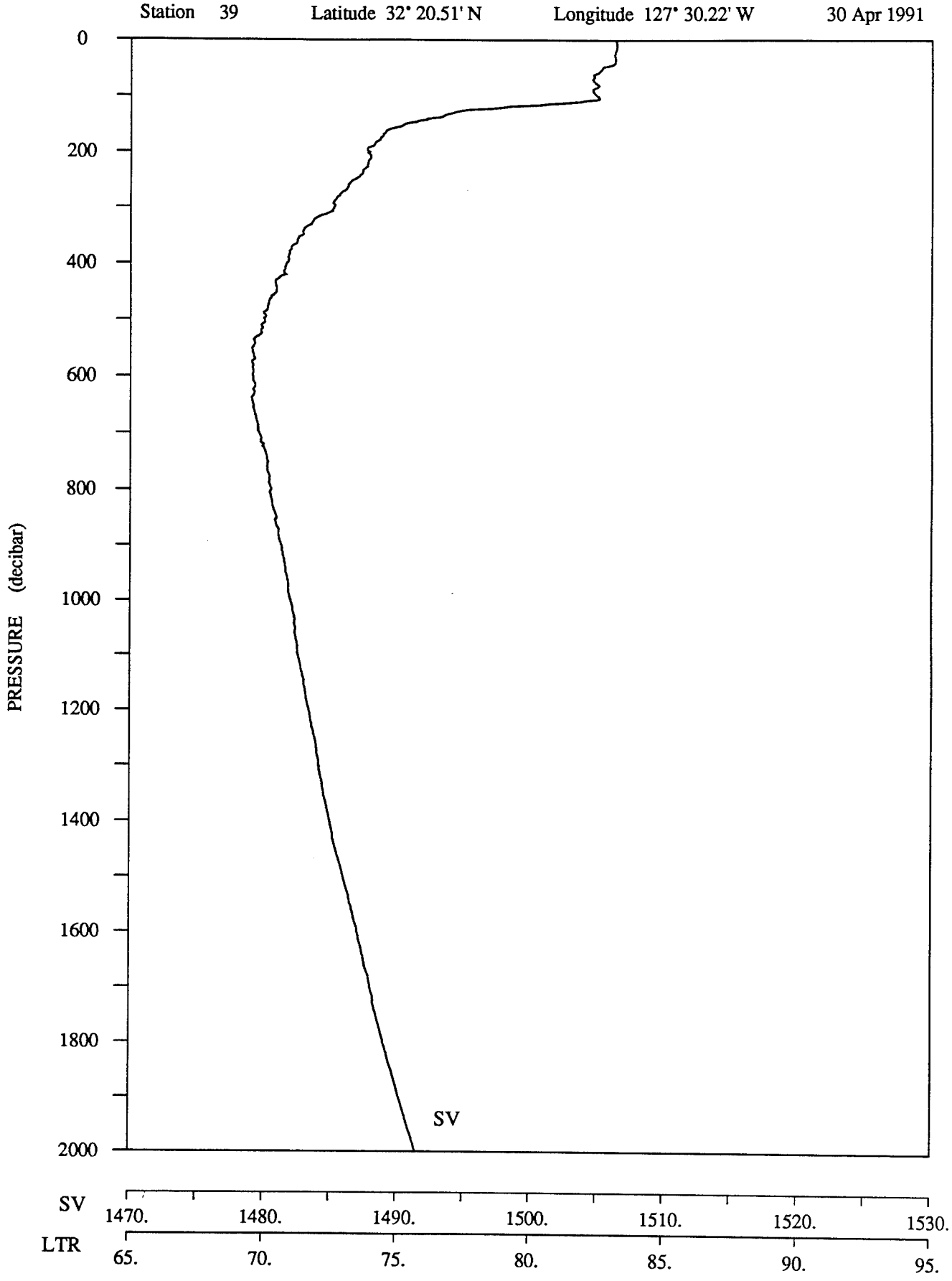
Station 39
Latitude 32° 20.51' N
Longitude 127° 30.22' W
30 Apr 1991
PRESSURE (decibar)
0
200
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1800
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SV
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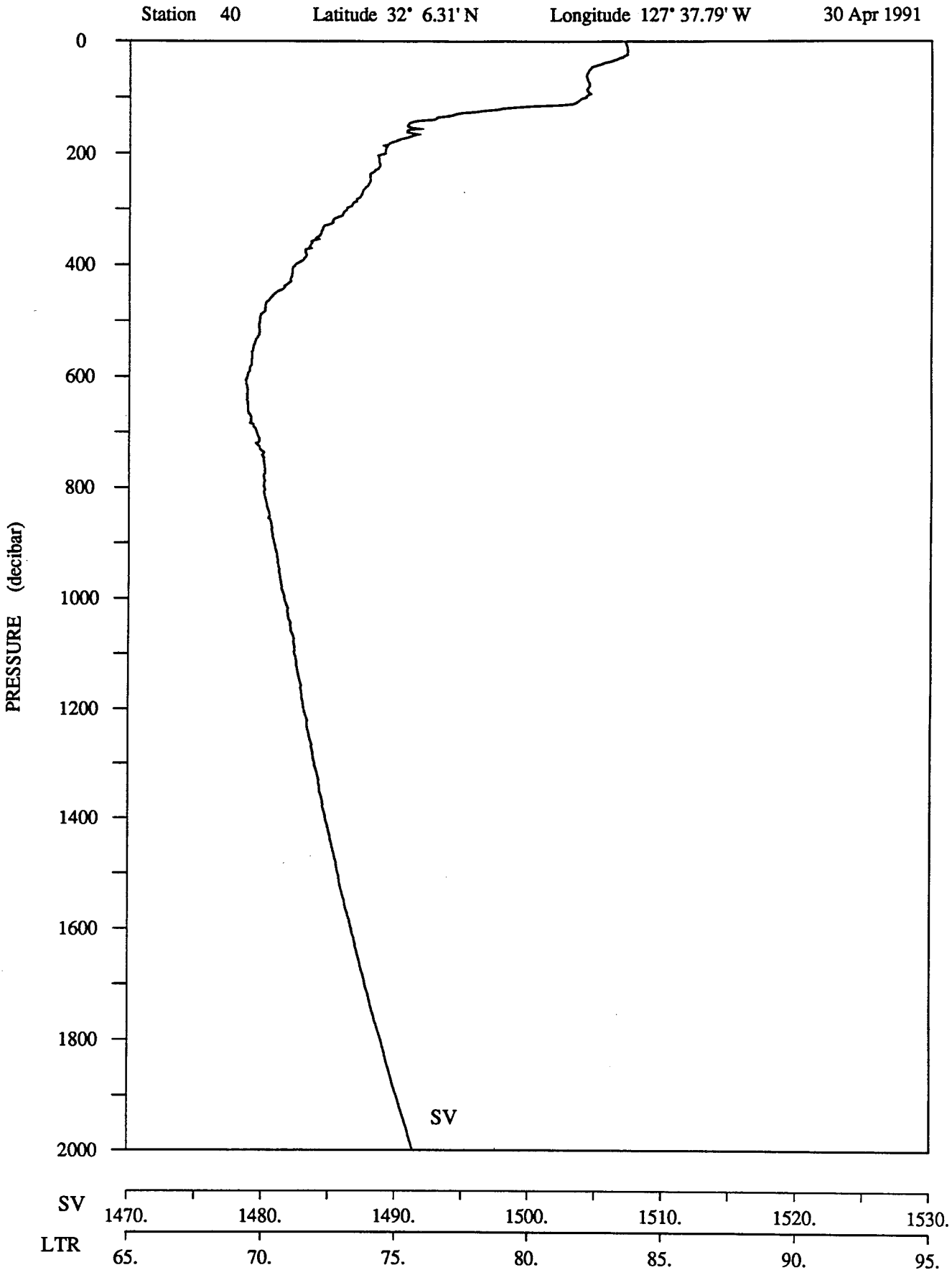
Station 40
Latitude 32° 6.31' N
Longitude 127° 37.79' W
30 Apr 1991
PRESSURE (decibar)
0
200
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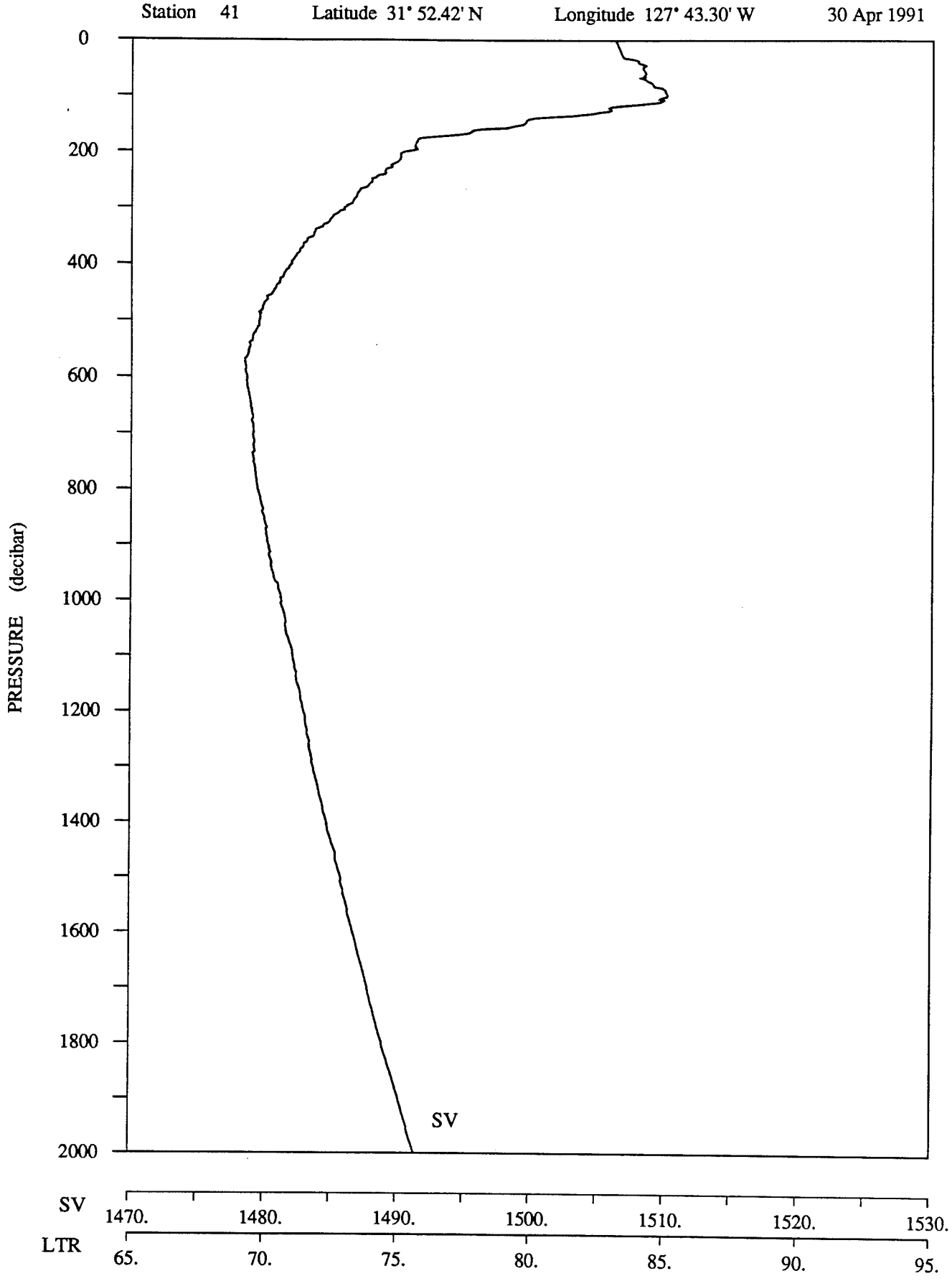
Station 41
Latitude 31° 52.42' N
Longitude 127° 43.30' W
30 Apr 1991
PRESSURE (decibar)
0
200
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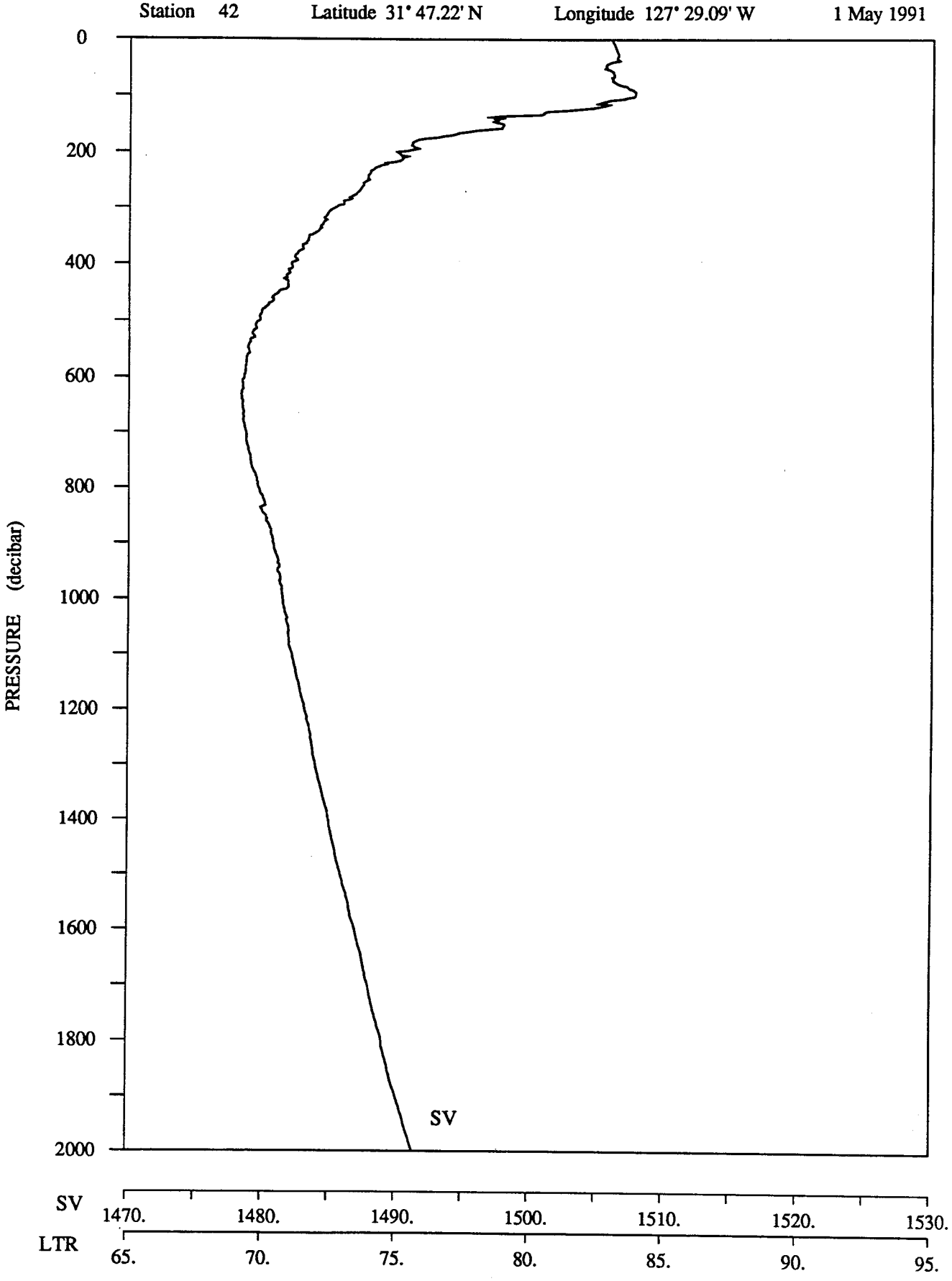
Station 42
Latitude 31° 47.22' N
Longitude 127° 29.09' W
1 May 1991
PRESSURE (decibar)
0
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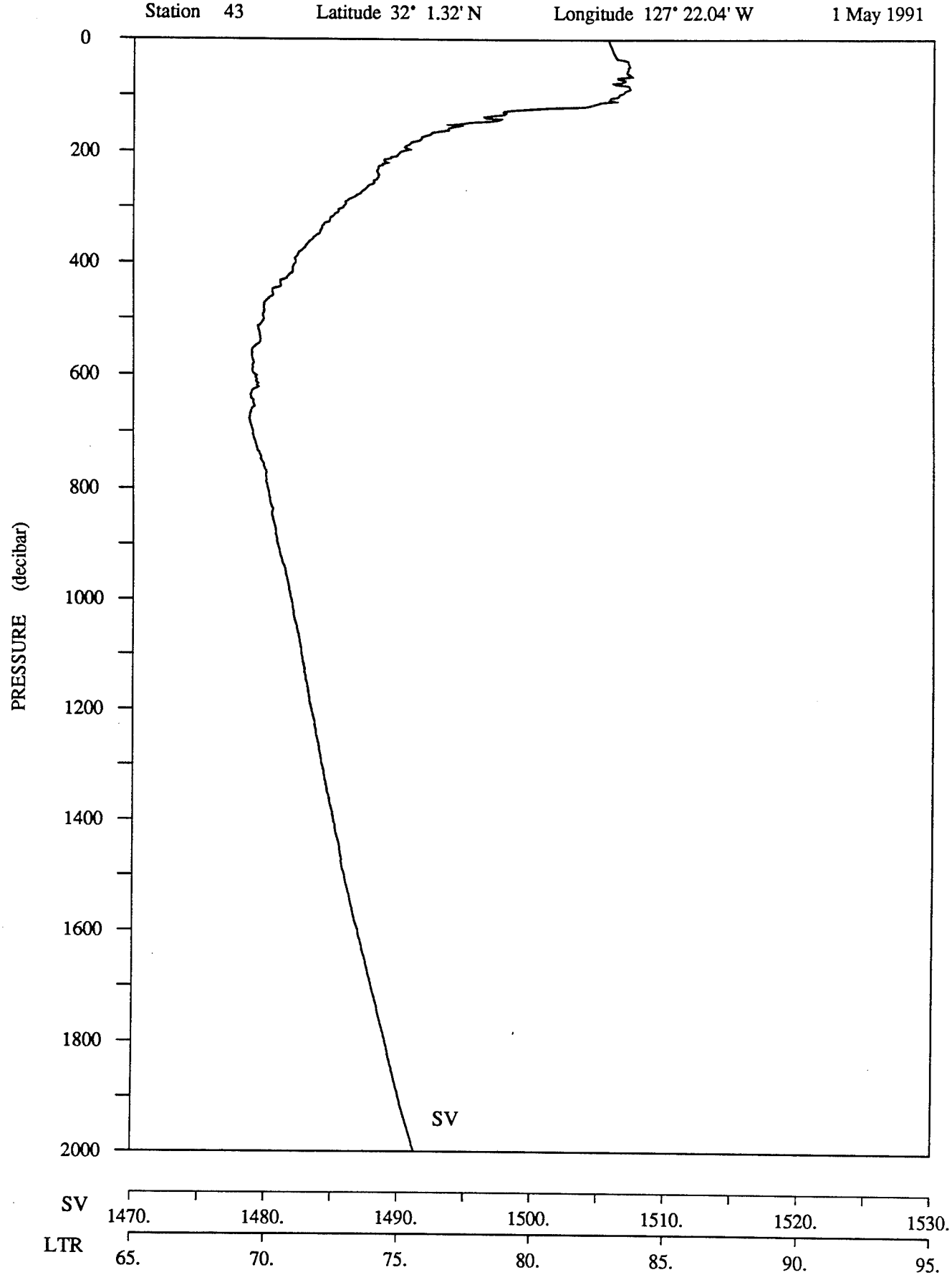
Station 43
Latitude 32° 1.32' N
Longitude 127° 22.04' W
1 May 1991
PRESSURE (decibar)
0
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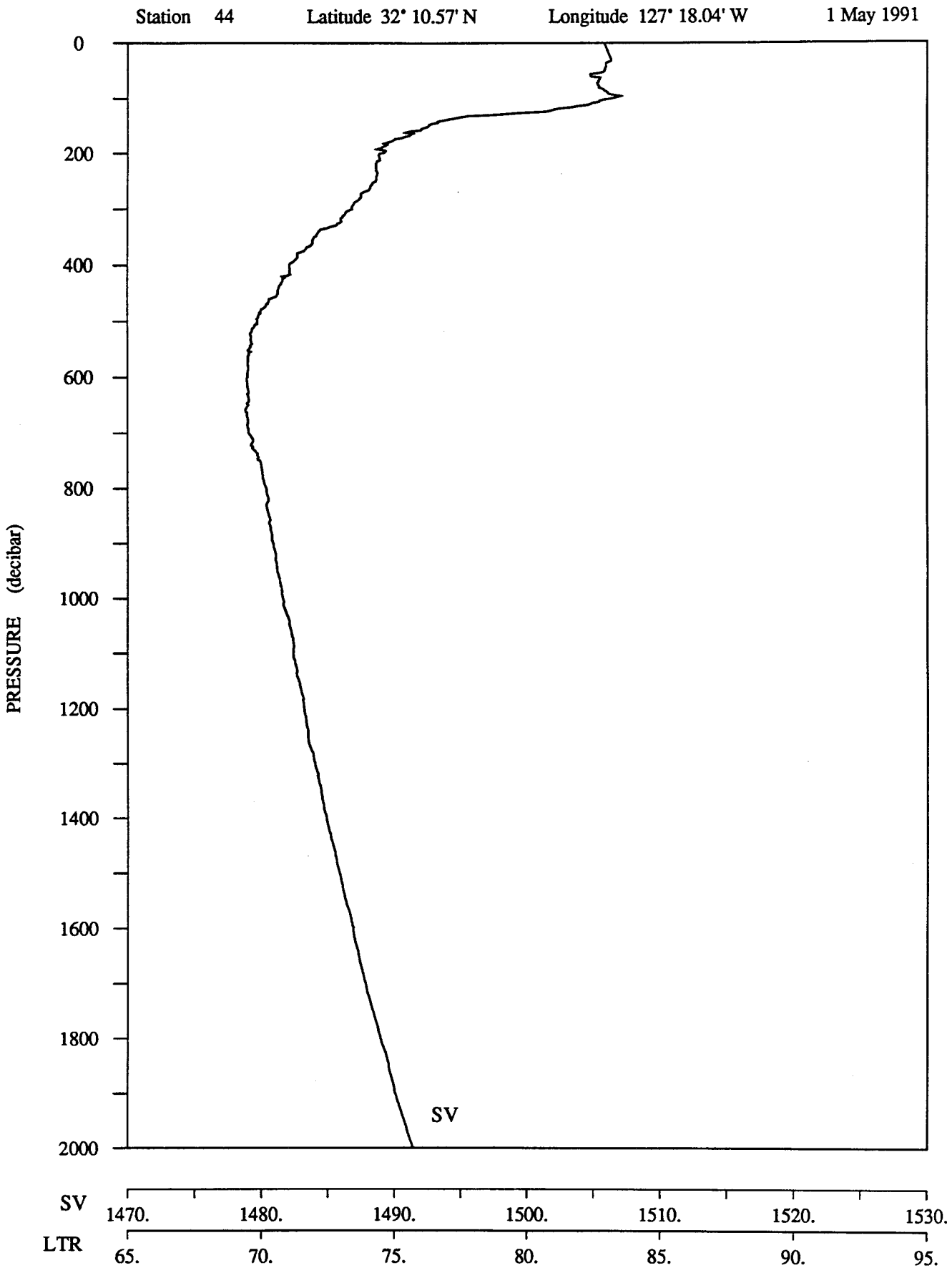
Station 44
Latitude 32° 10.57' N
Longitude 127° 18.04' W
1 May 1991
PRESSURE (decibar)
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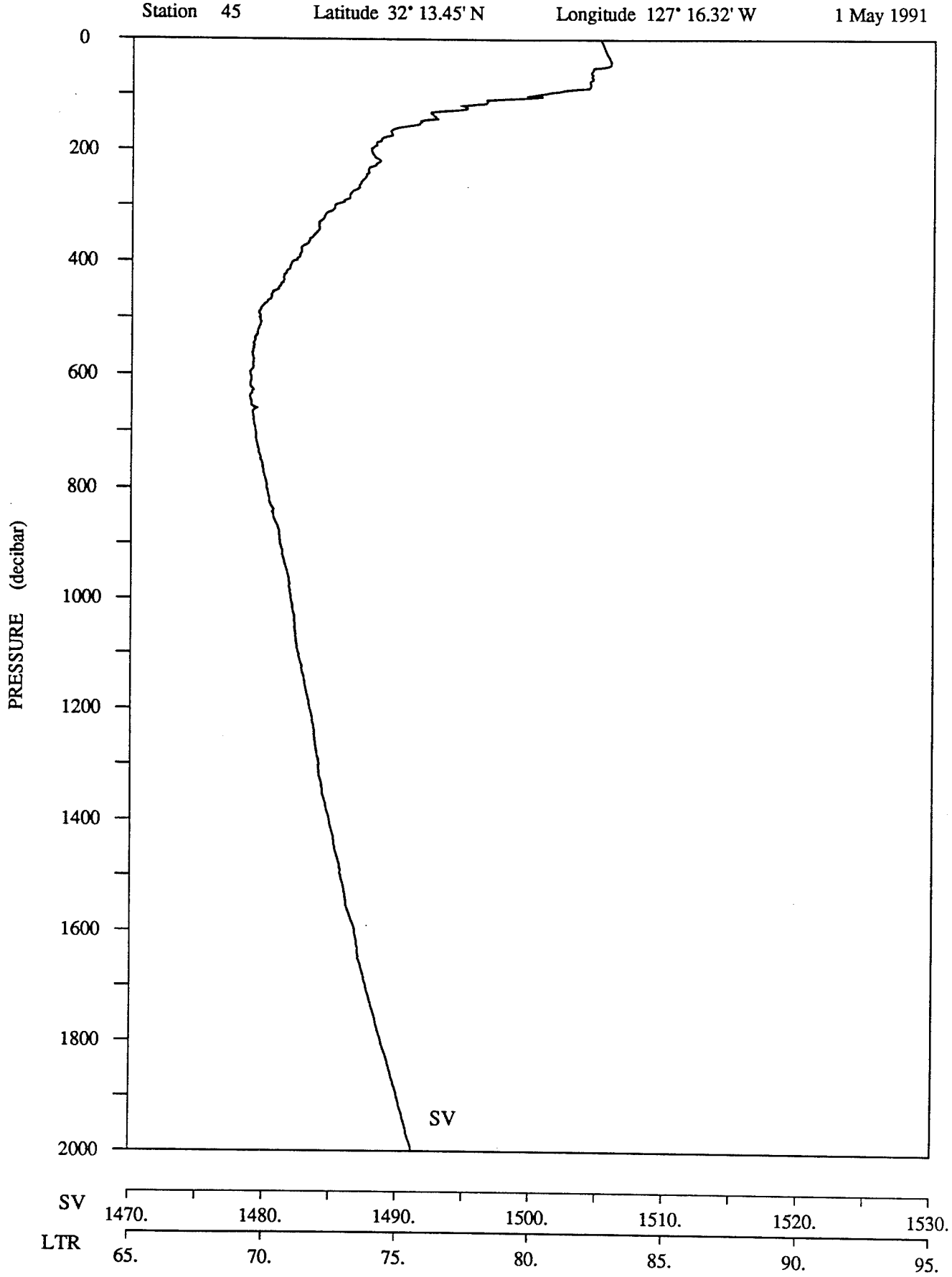
Station 45
Latitude 32° 13.45' N
Longitude 127° 16.32' W
1 May 1991
PRESSURE (decibar)
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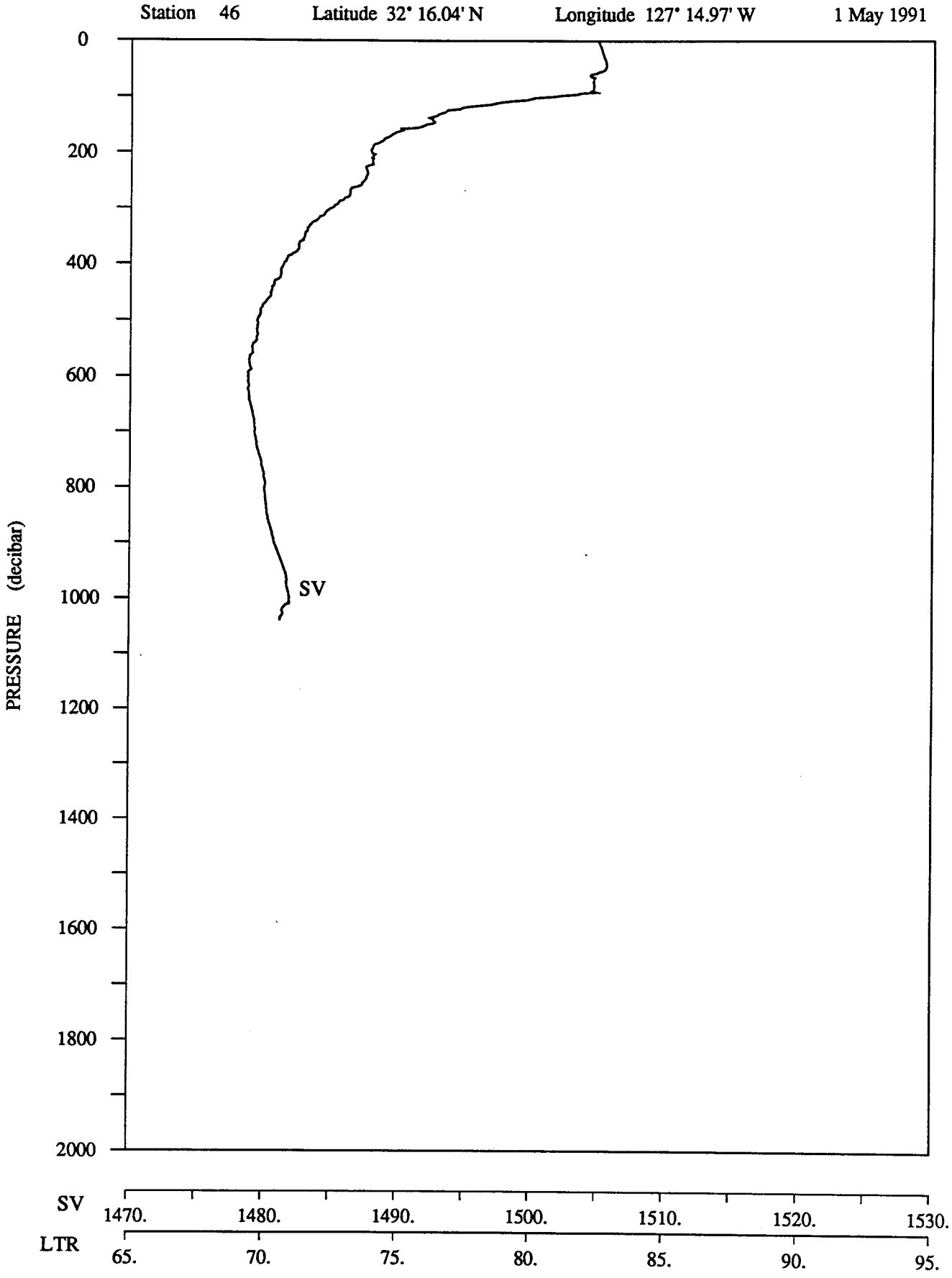
Station 46
Latitude 32° 16.04' N
Longitude 127° 14.97' W
1 May 1991
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PRESSURE (decibar)
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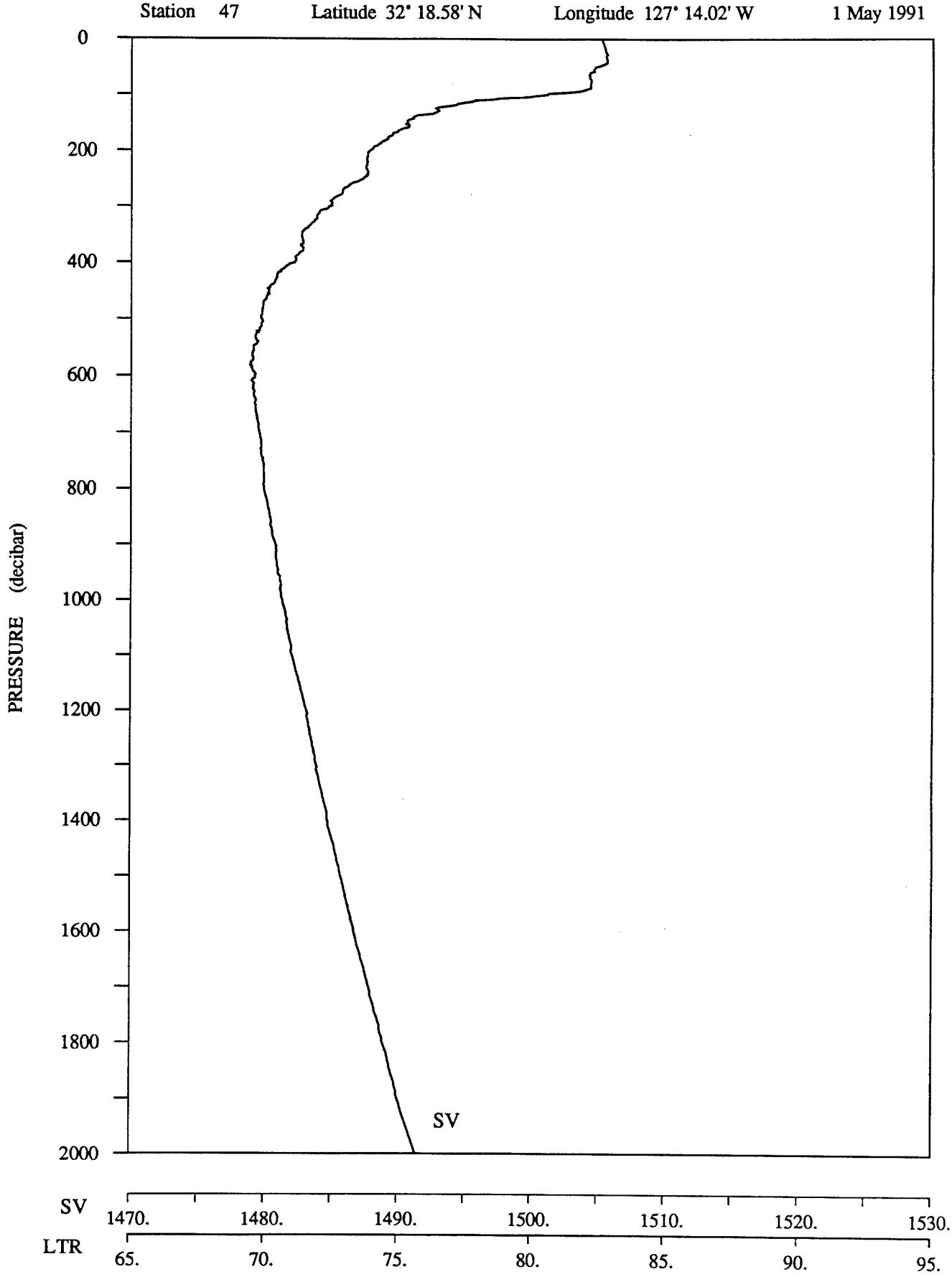
Station 47
Latitude 32° 18.58' N
Longitude 127° 14.02' W
1 May 1991
PRESSURE (decibar)
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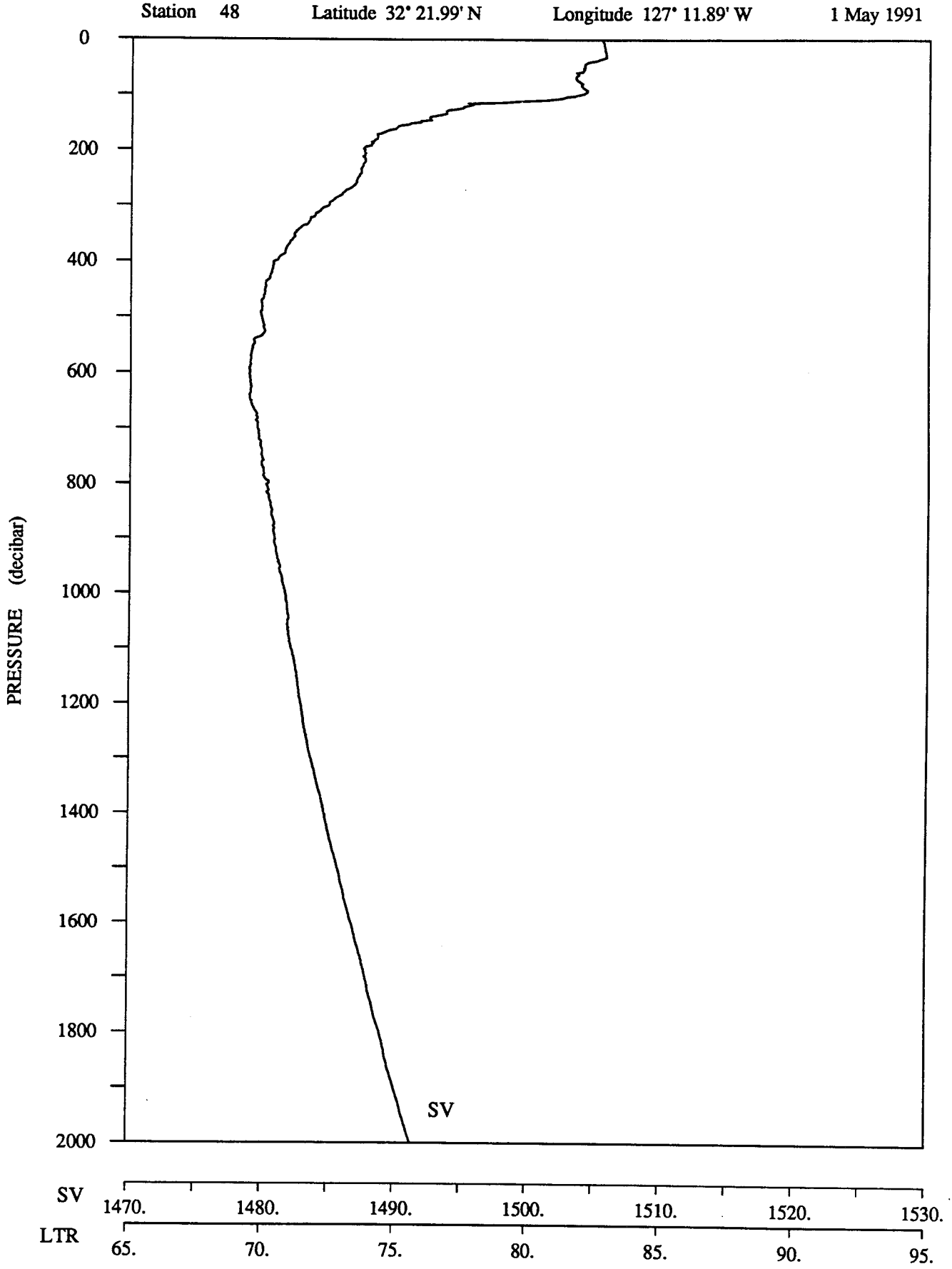
Station 48
Latitude 32° 21.99' N
Longitude 127° 11.89' W
1 May 1991
PRESSURE (decibar)
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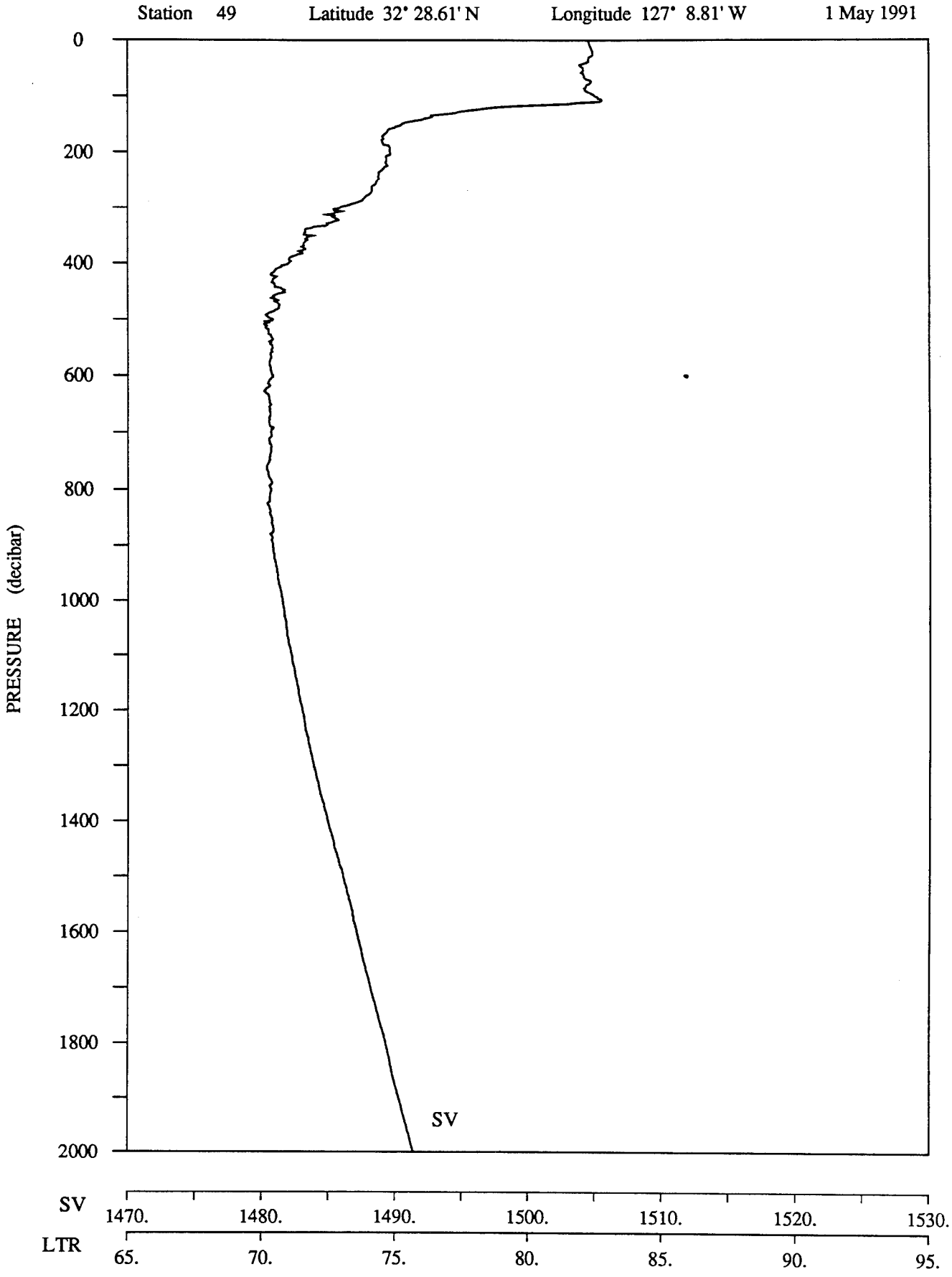
Station 49
Latitude 32° 28.61' N
Longitude 127° 8.81' W
1 May 1991
PRESSURE (decibar)
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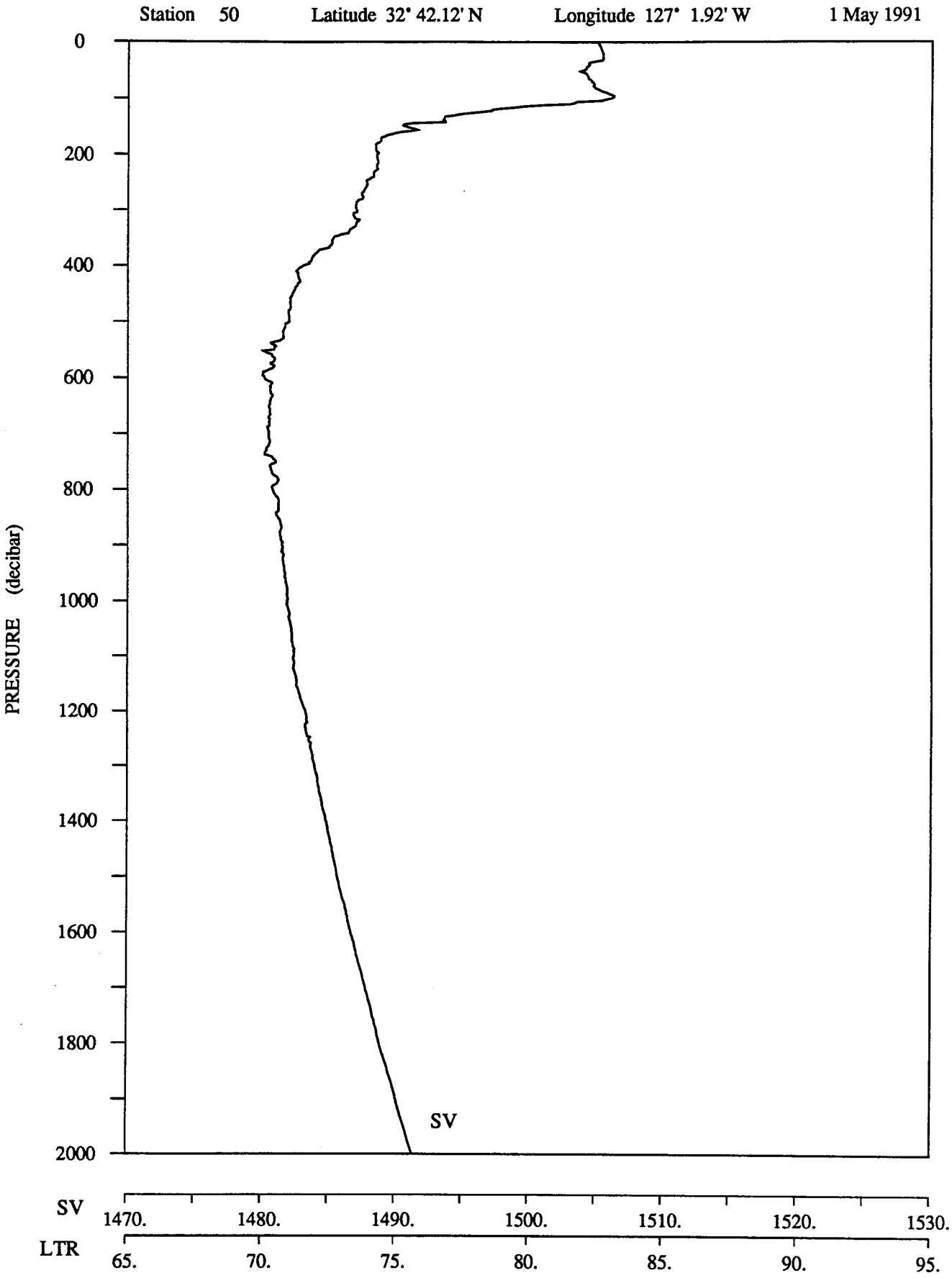
Station 50
Latitude 32° 42.12' N
Longitude 127° 1.92' W
1 May 1991
PRESSURE (decibar)
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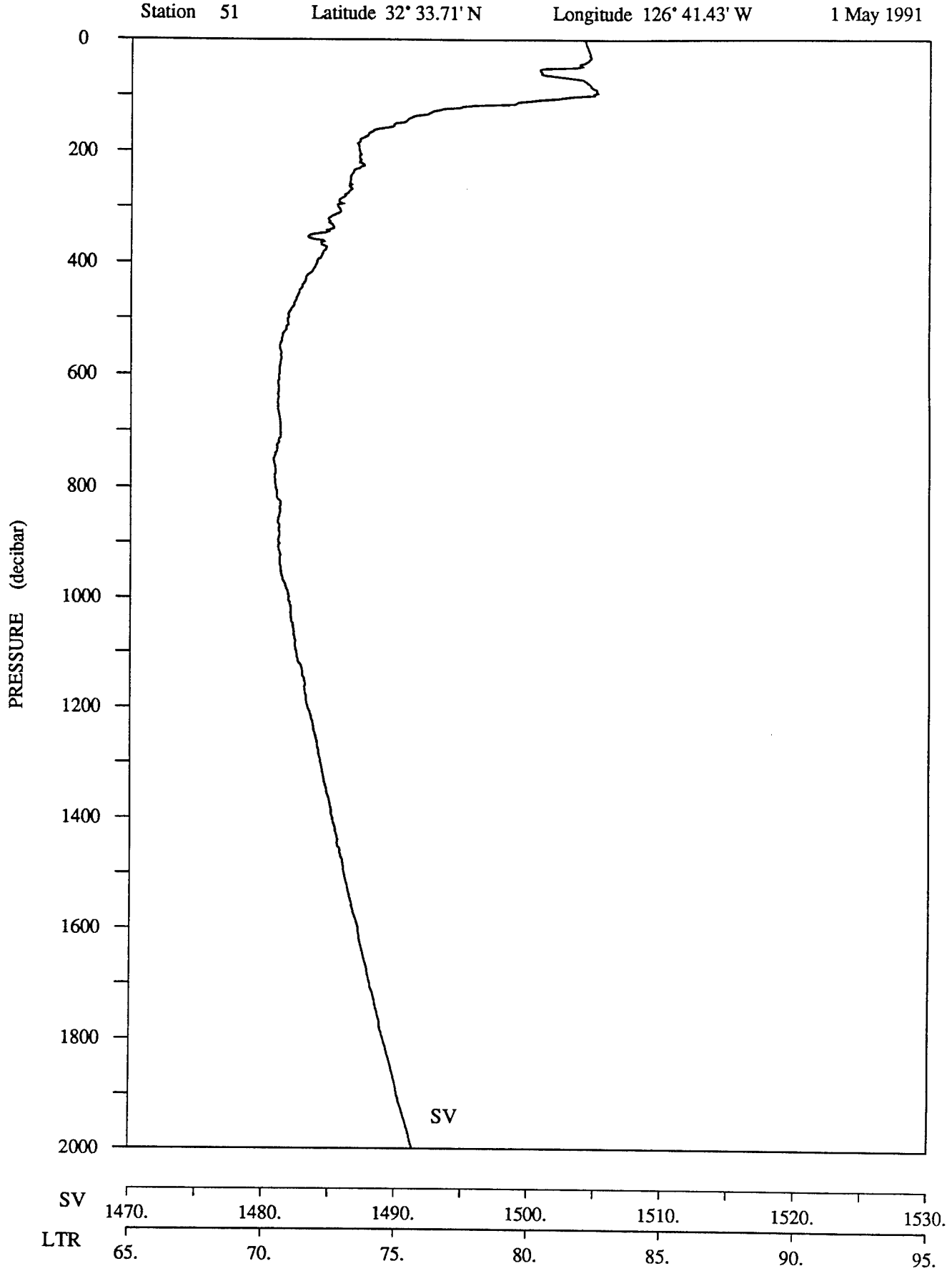
Station 51
Latitude 32° 33.71' N
Longitude 126° 41.43' W
1 May 1991
PRESSURE (decibar)
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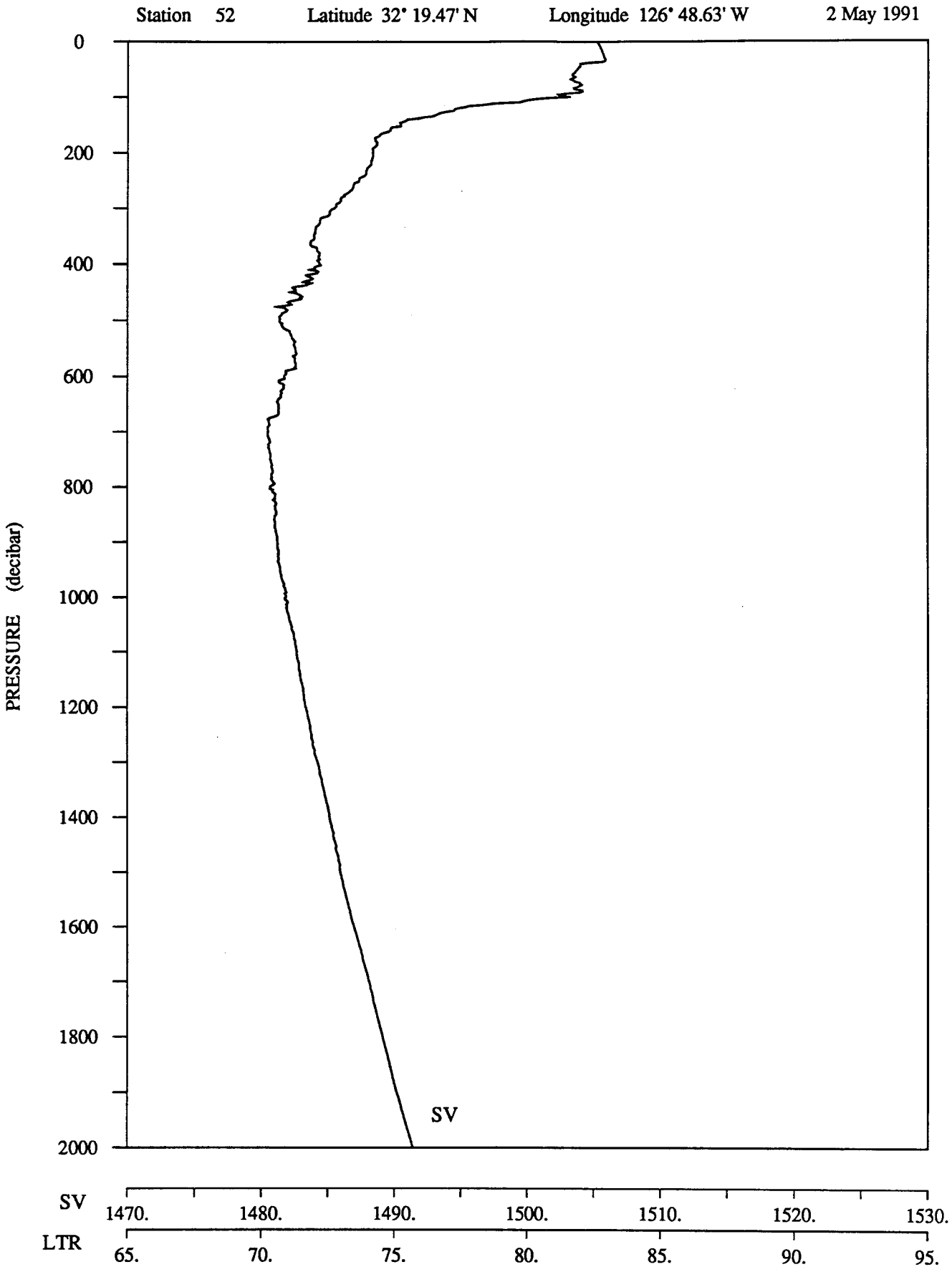
Station 52
Latitude 32° 19.47' N
Longitude 126° 48.63' W
2 May 1991
PRESSURE (decibar)
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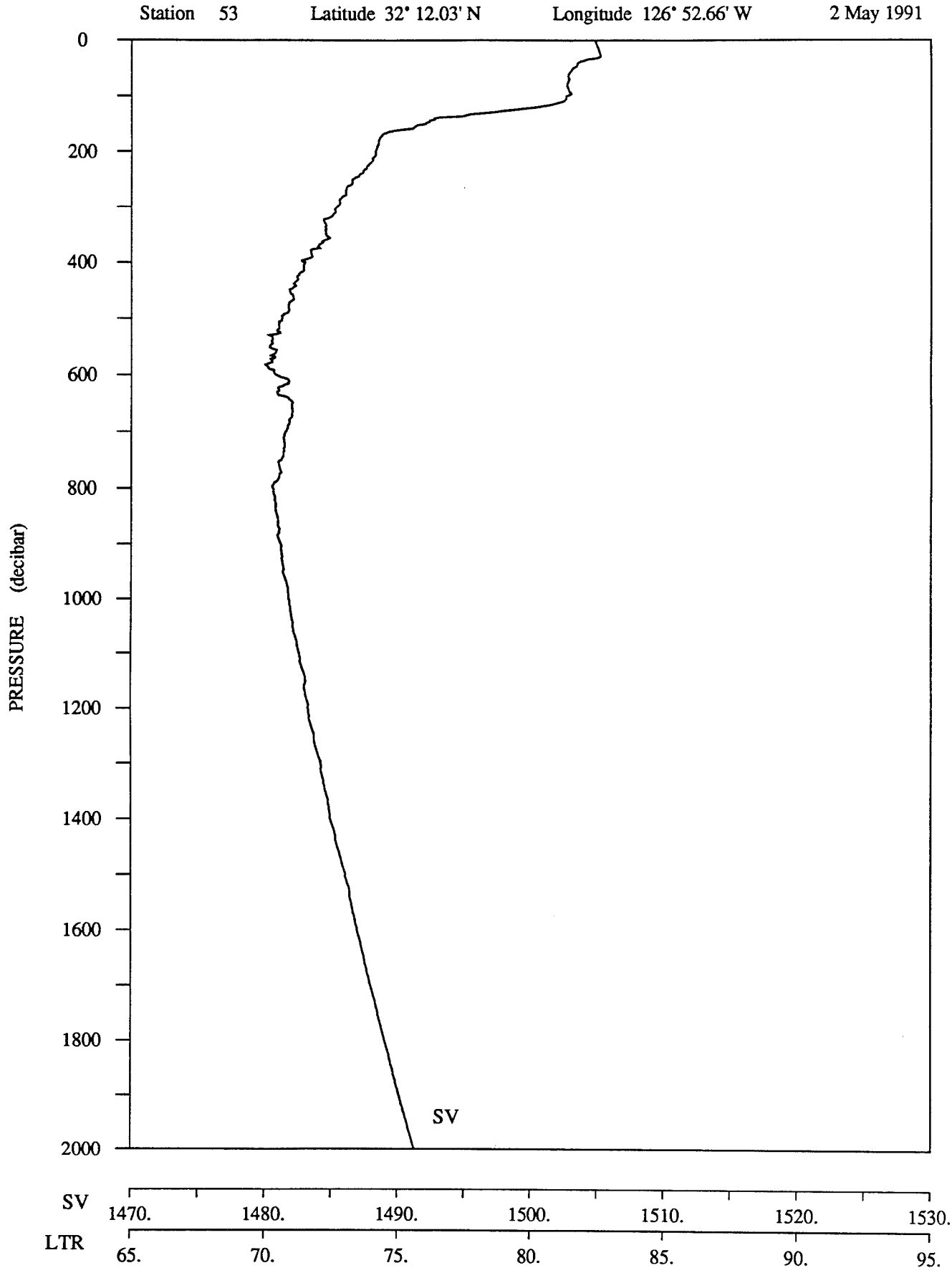
Station 53
Latitude 32° 12.03' N
Longitude 126° 52.66' W
2 May 1991
PRESSURE (decibar)
0
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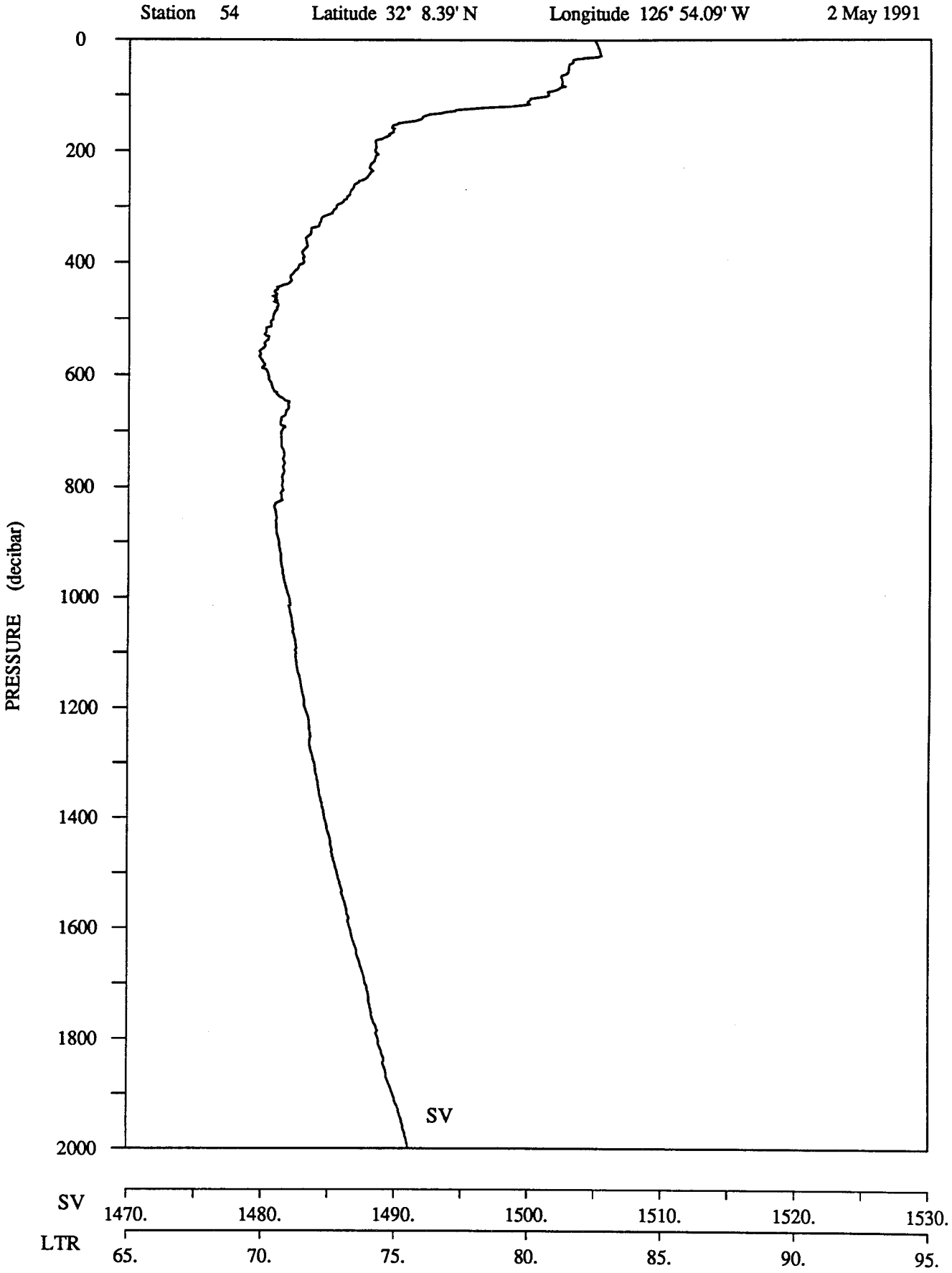
Station 54
Latitude 32° 8.39' N
Longitude 126° 54.09' W
2 May 1991
PRESSURE (decibar)
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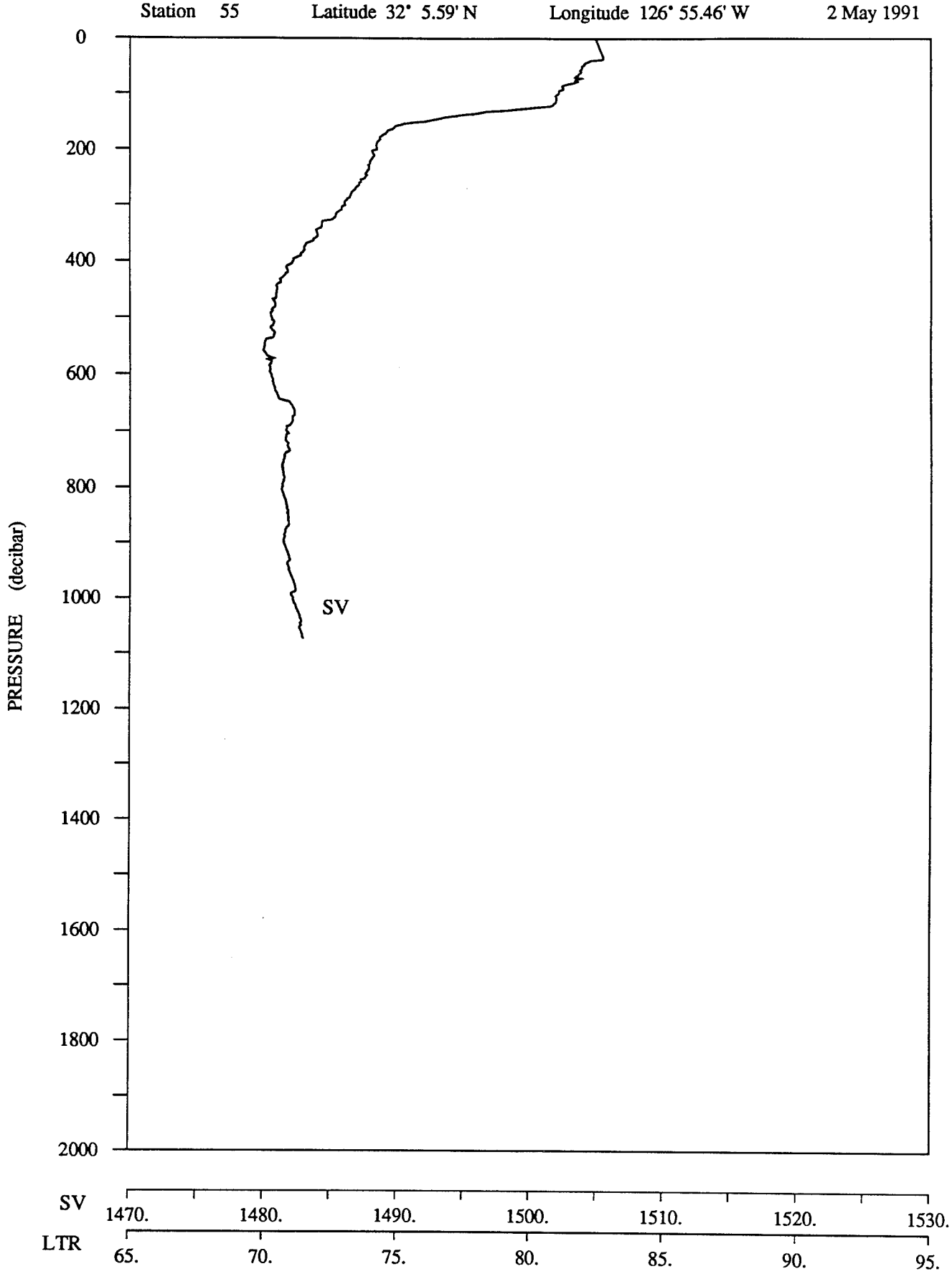
Station 55
Latitude 32° 5.59' N
Longitude 126° 55.46' W
2 May 1991
PRESSURE (decibar)
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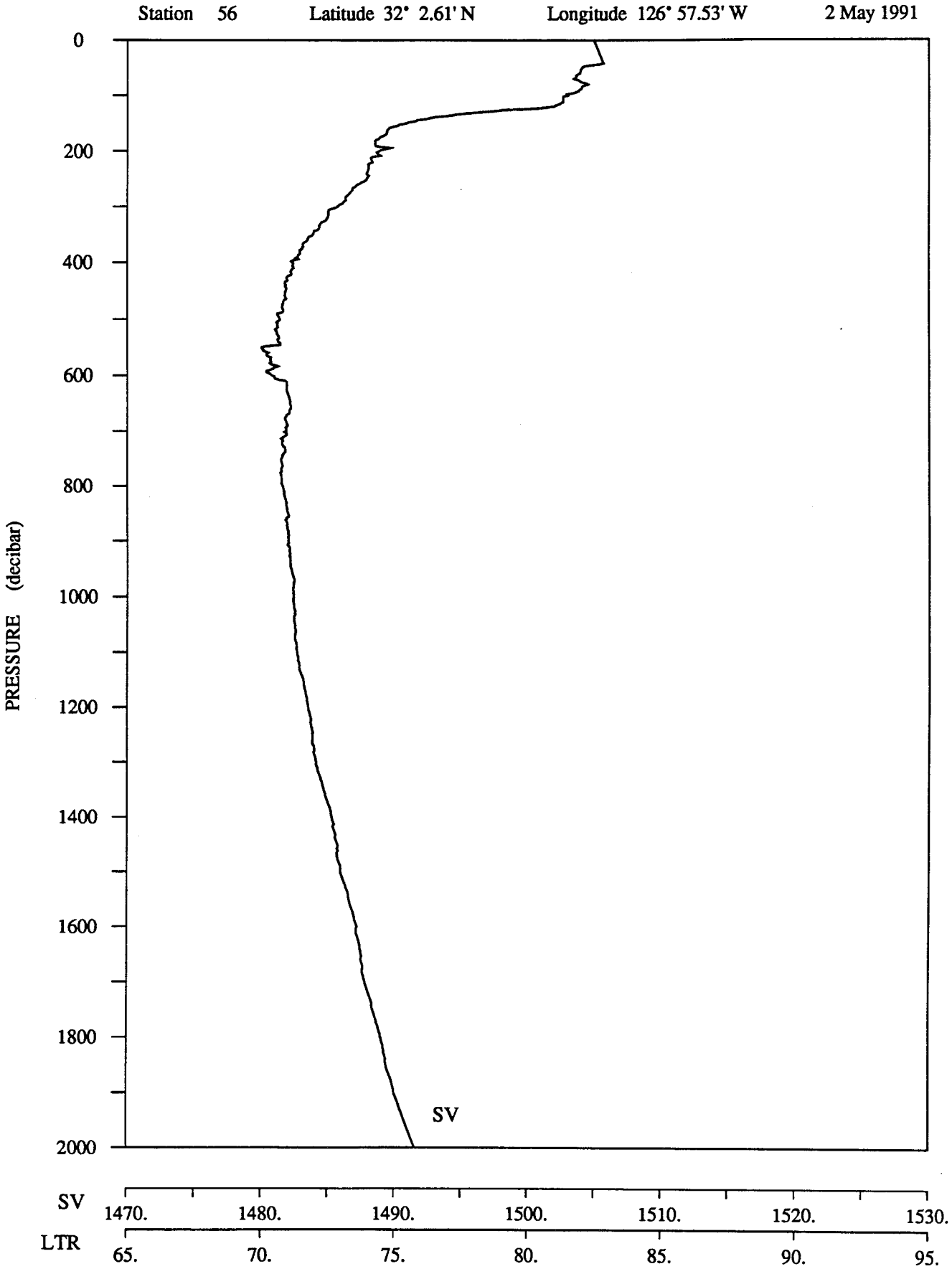
Station 56
Latitude 32° 2.61' N
Longitude 126° 57.53' W
2 May 1991
PRESSURE (decibar)
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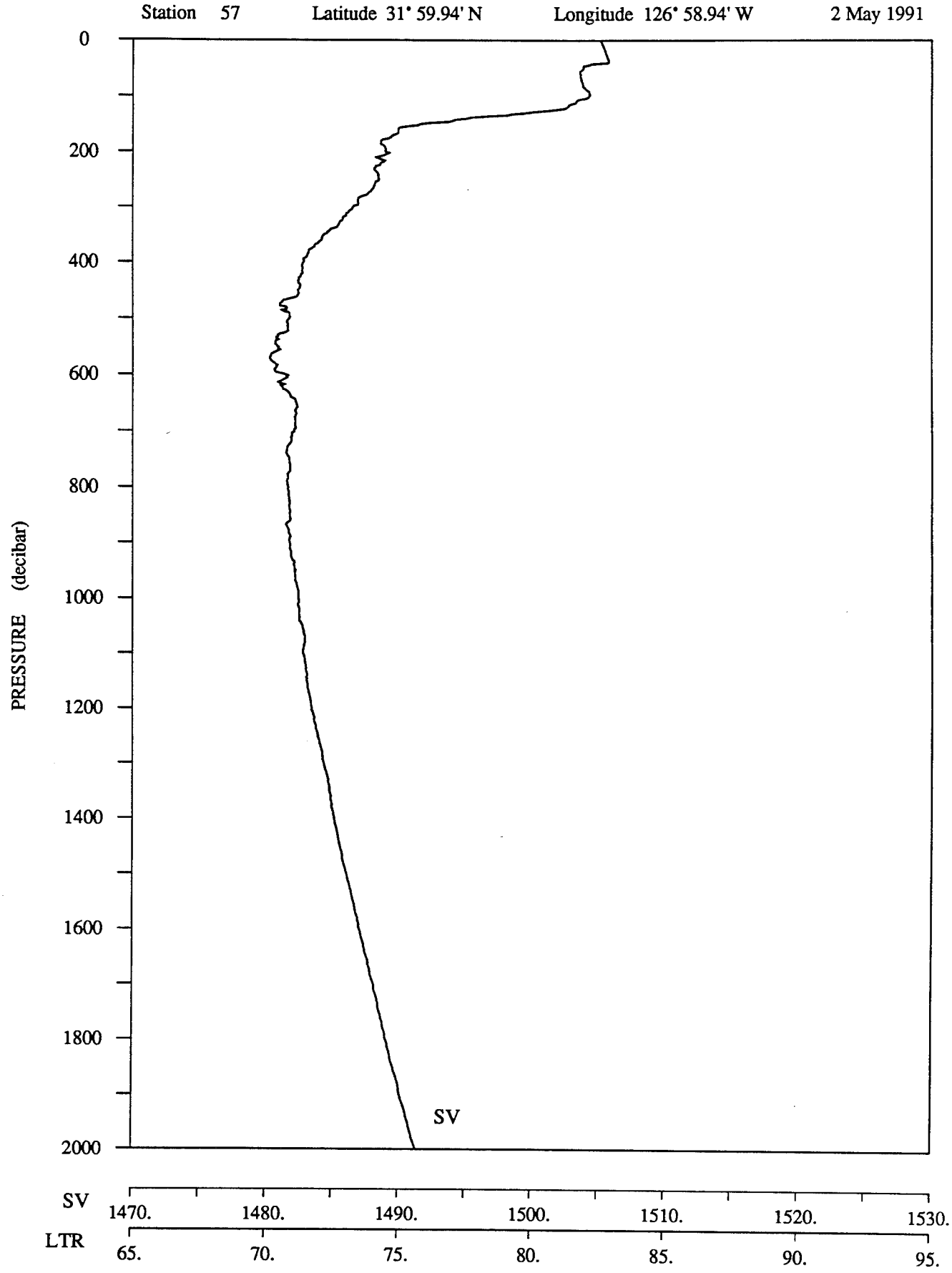
Station 57
Latitude 31° 59.94' N
Longitude 126° 58.94' W
2 May 1991
PRESSURE (decibar)
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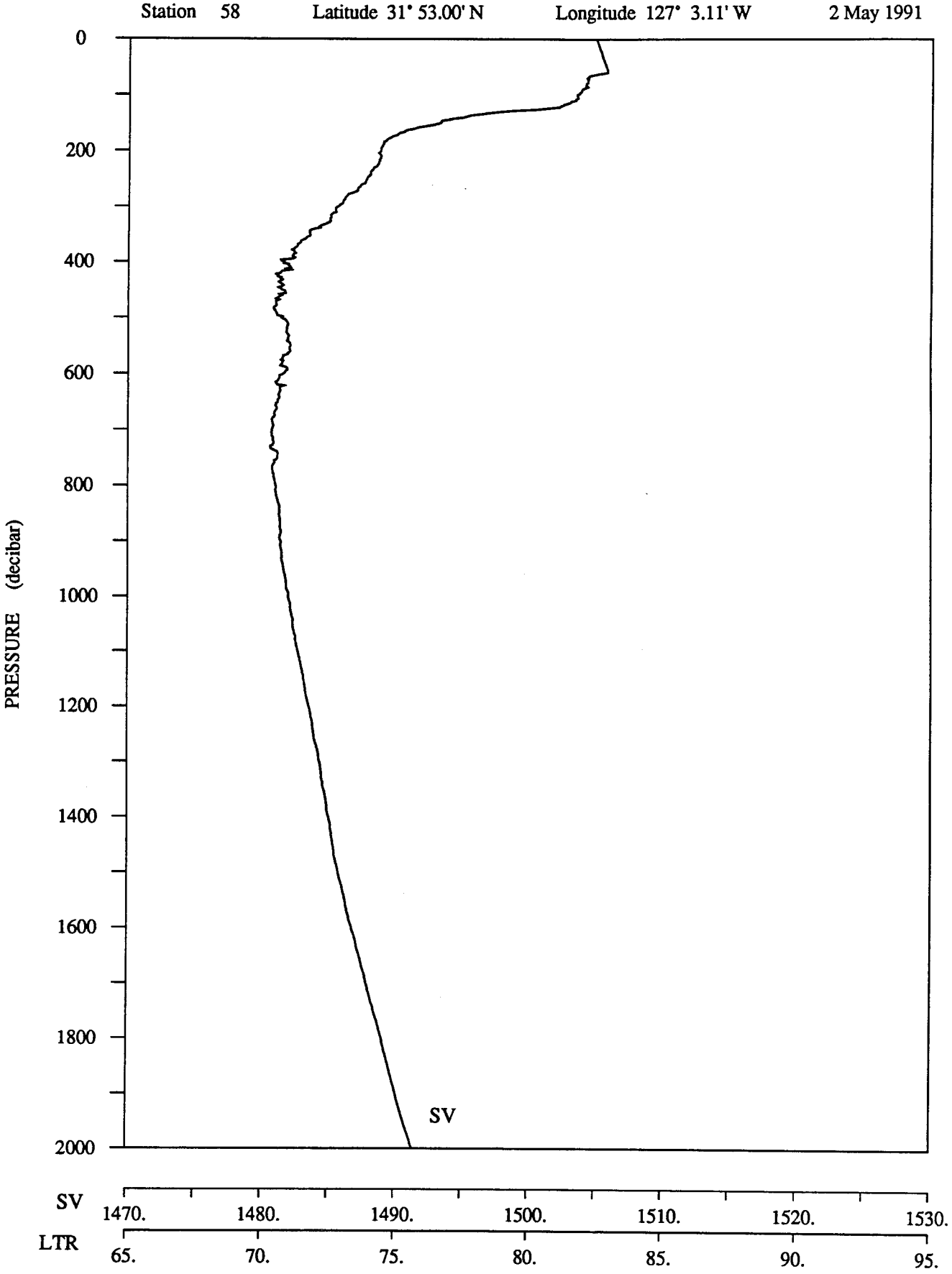
Station 58
Latitude 31° 53.00' N
Longitude 127° 3.11' W
2 May 1991
PRESSURE (decibar)
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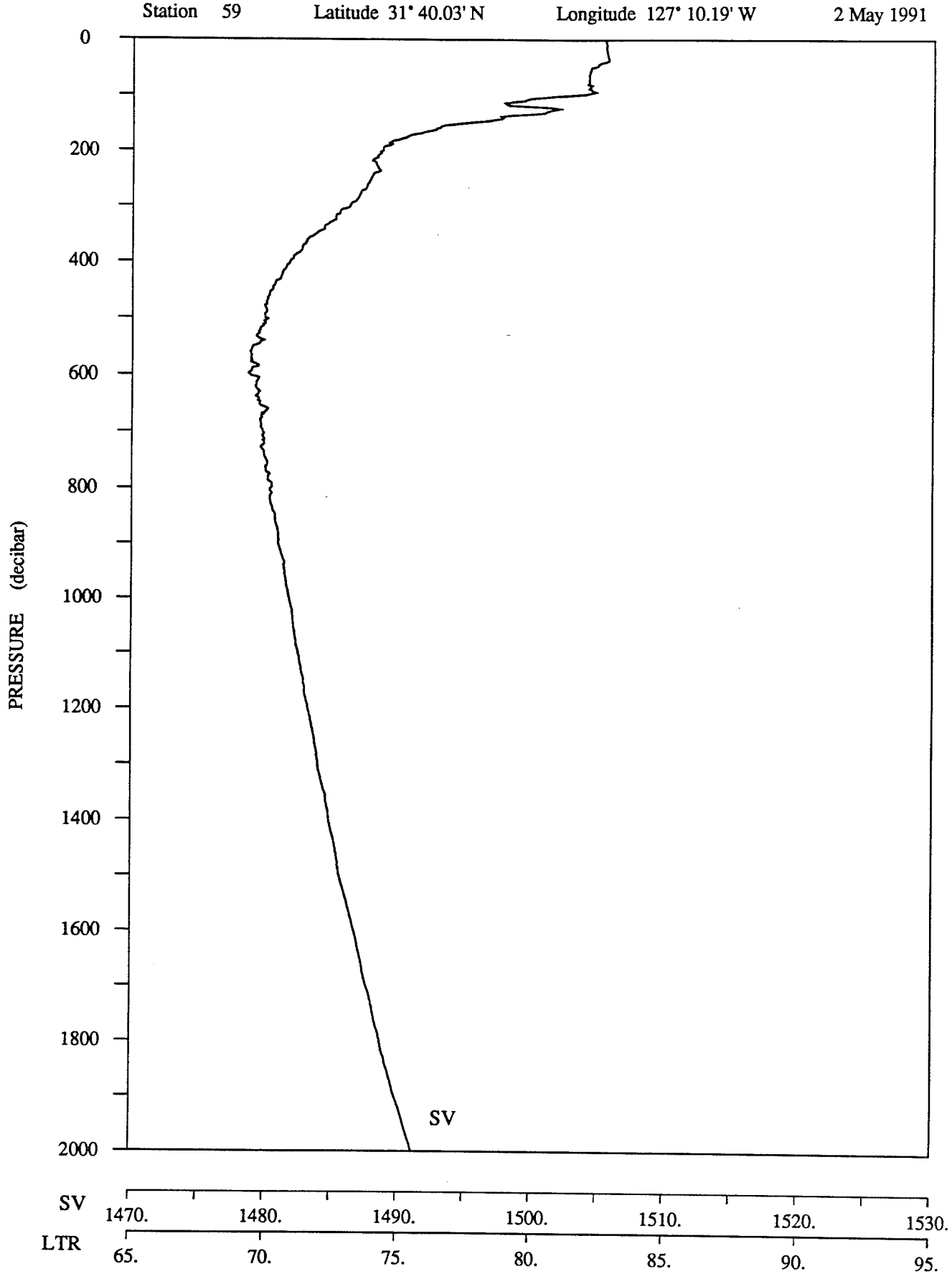
Station 59
Latitude 31° 40.03' N
Longitude 127° 10.19' W
2 May 1991
PRESSURE (decibar)
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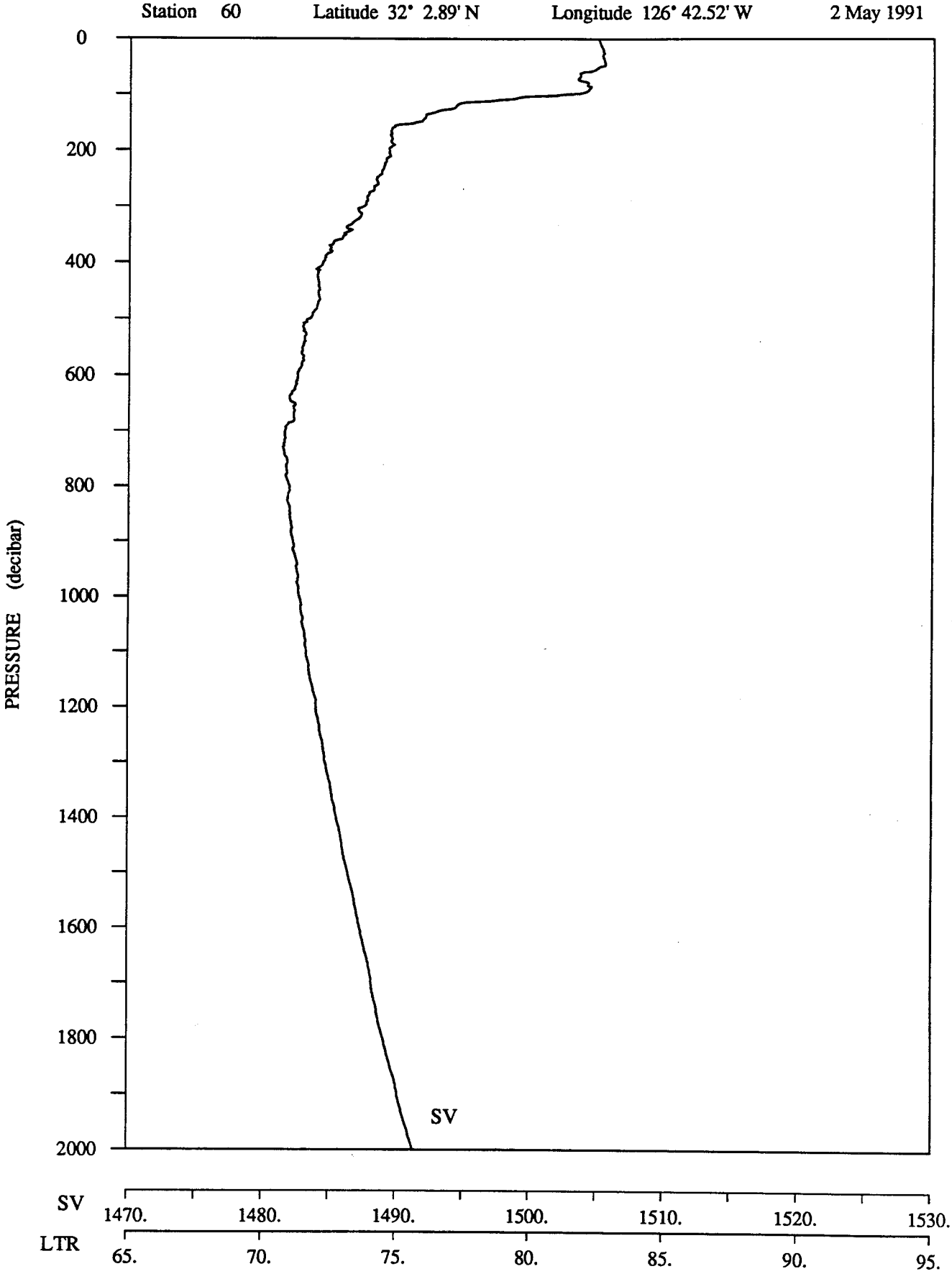
Station 60
Latitude 32° 2.89' N
Longitude 126° 42.52' W
2 May 1991
PRESSURE (decibar)
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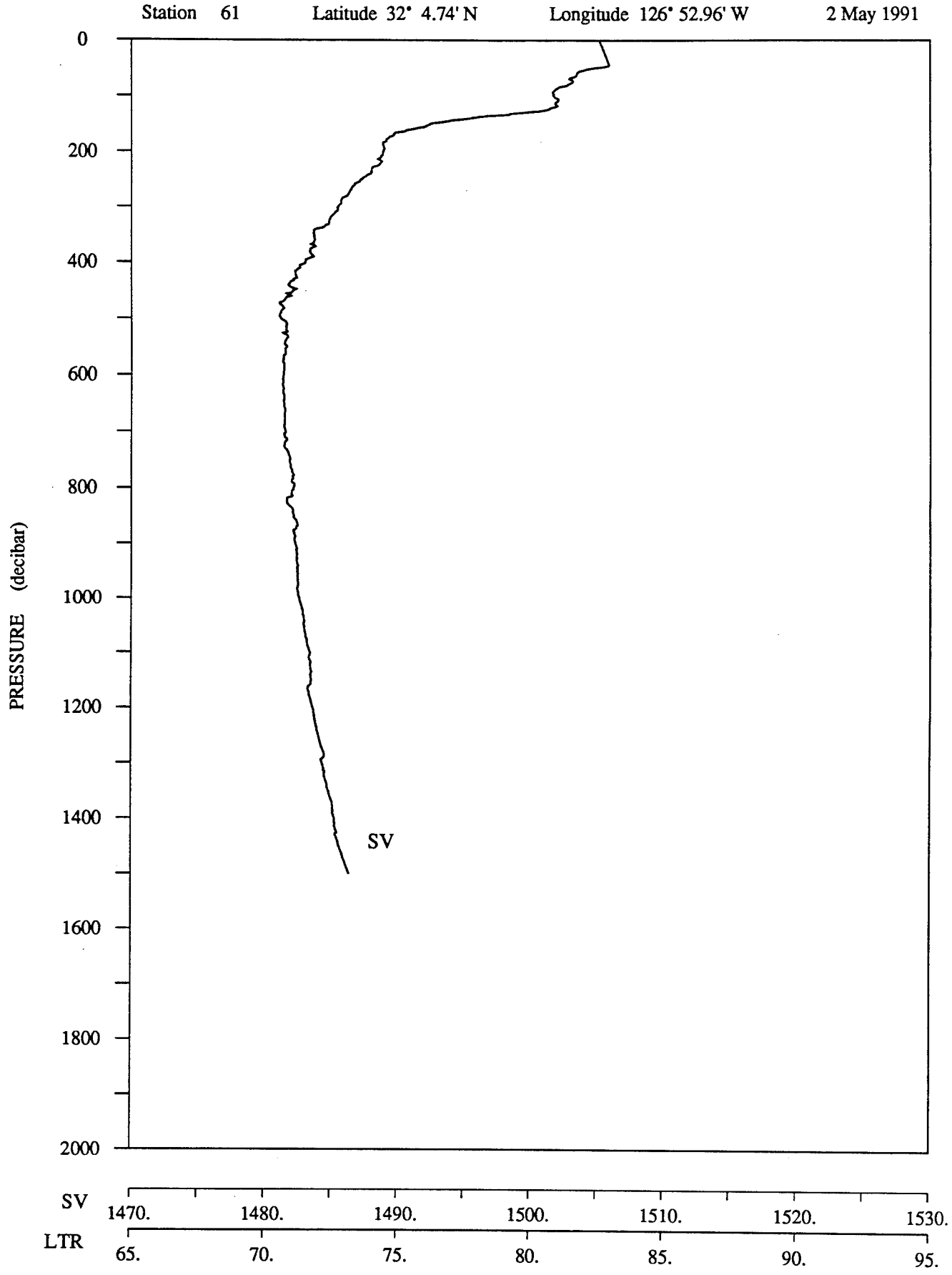
Station 61
Latitude 32° 4.74' N
Longitude 126° 52.96' W
2 May 1991
PRESSURE (decibar)
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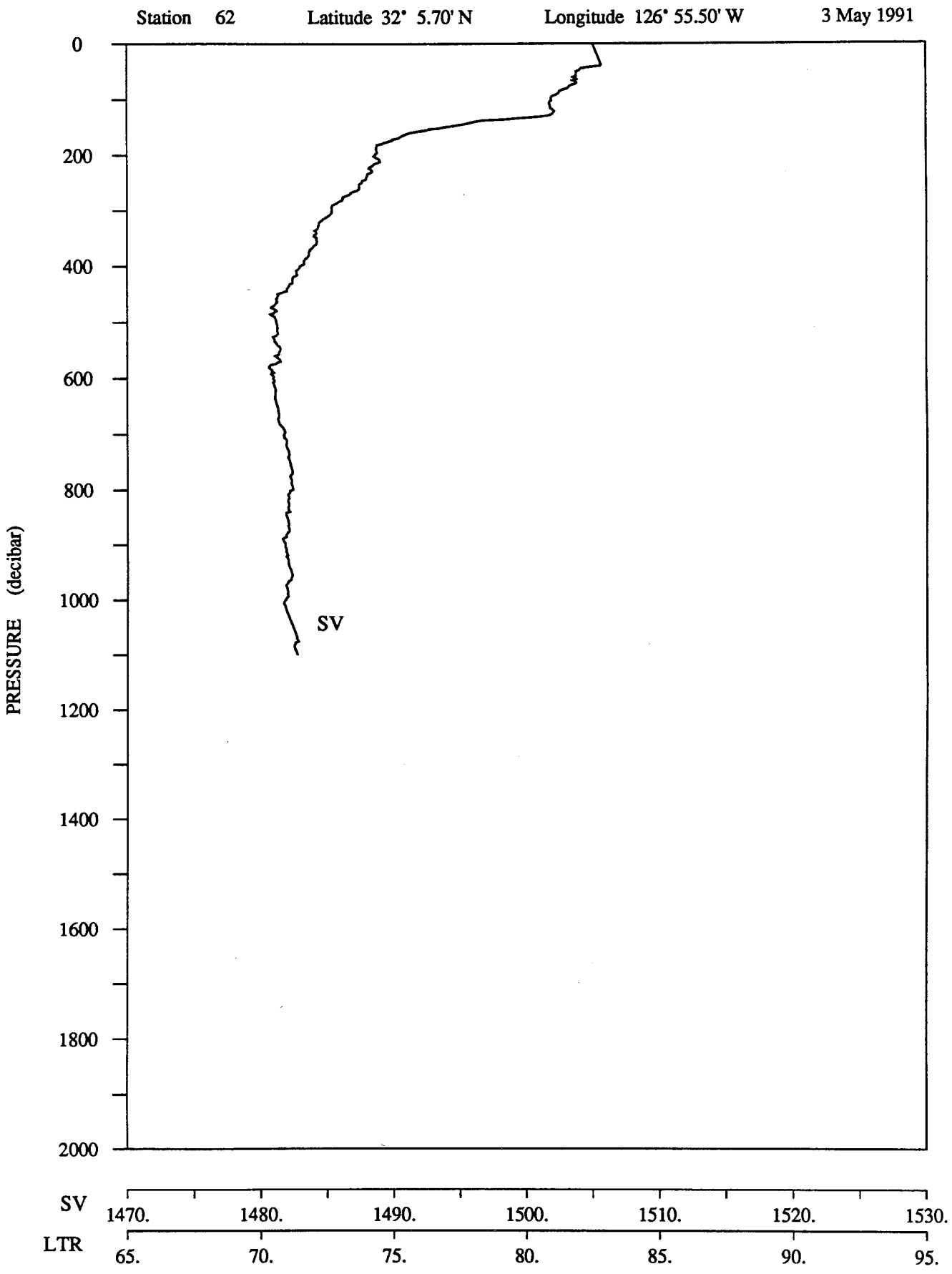
Station 62
Latitude 32° 5.70' N
Longitude 126° 55.50' W
3 May 1991
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PRESSURE (decibar)
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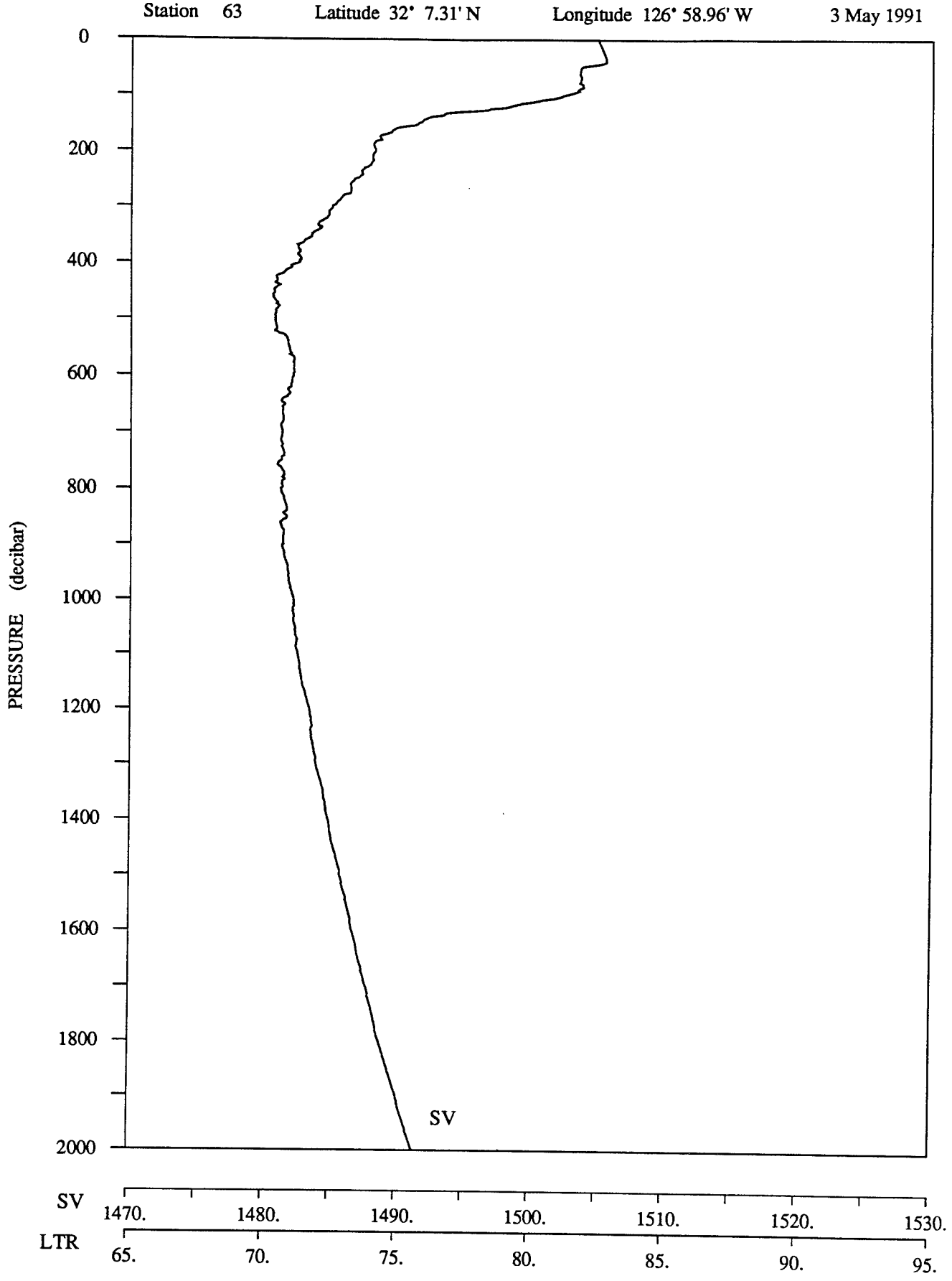
Station 63
Latitude 32° 7.31' N
Longitude 126° 58.96' W
3 May 1991
PRESSURE (decibar)
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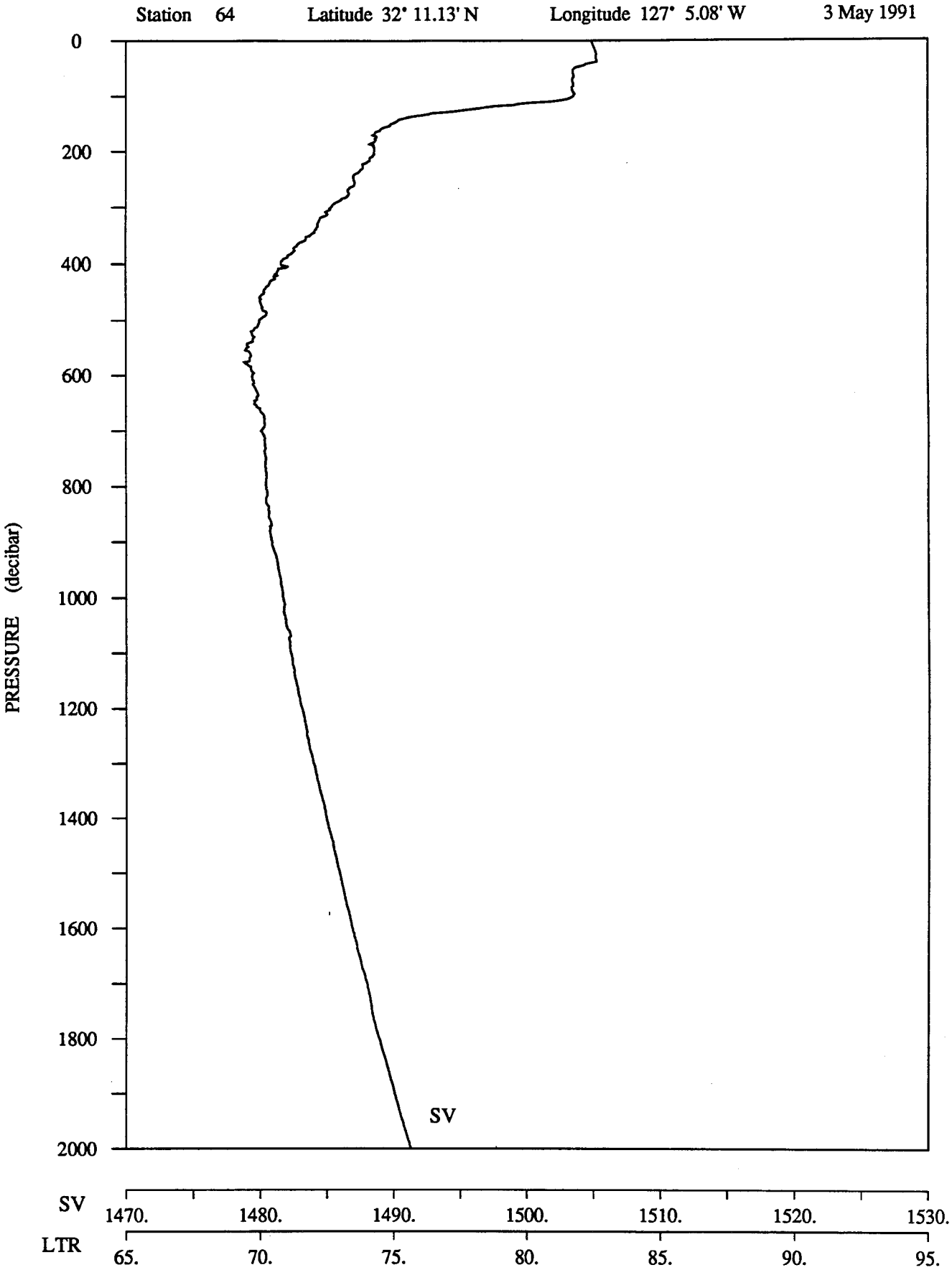
Station 64
Latitude 32° 11.13' N
Longitude 127° 5.08' W
3 May 1991
PRESSURE (decibar)
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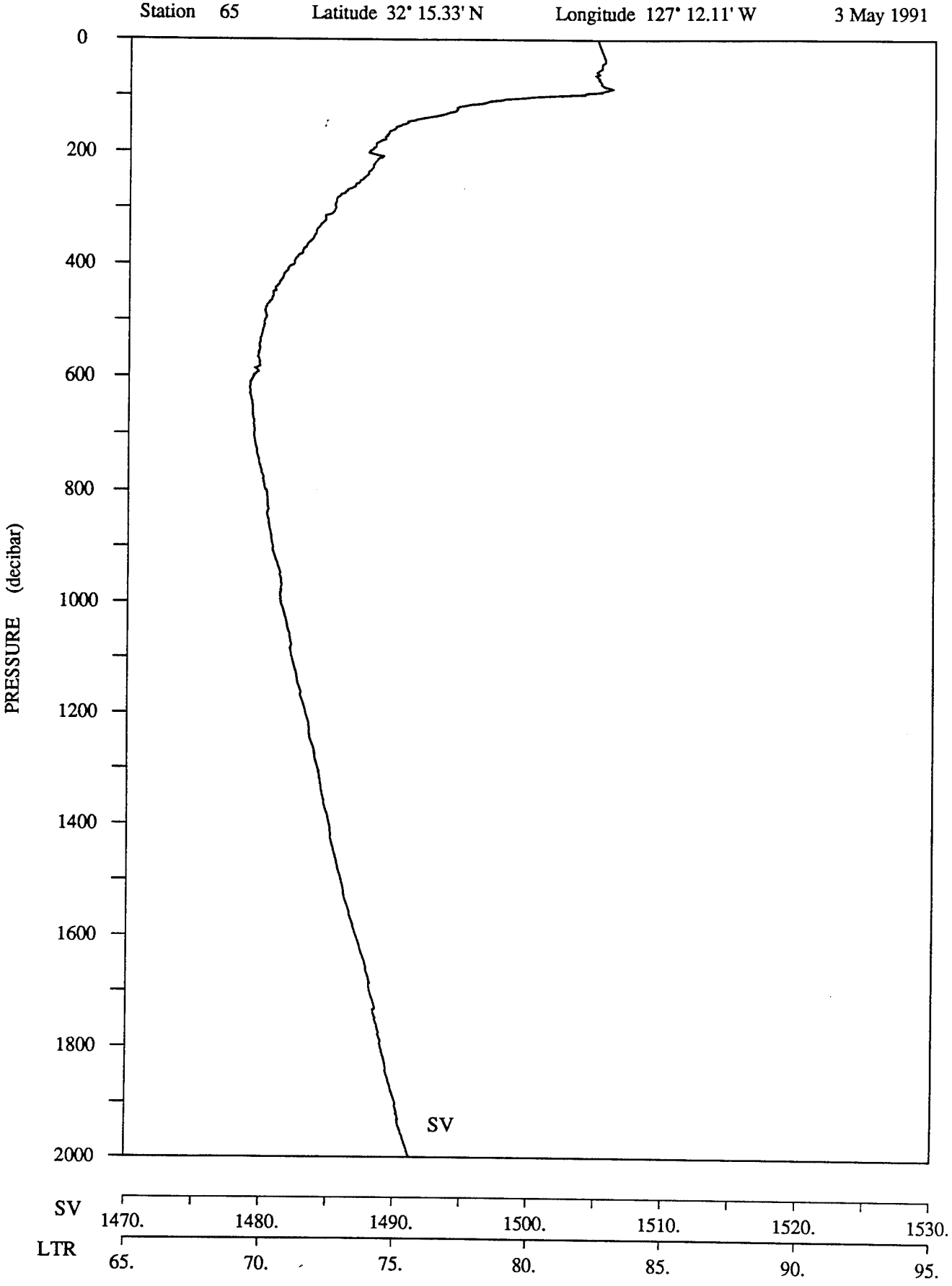
Station 65
Latitude 32° 15.33' N
Longitude 127° 12.11' W
3 May 1991
PRESSURE (decibar)
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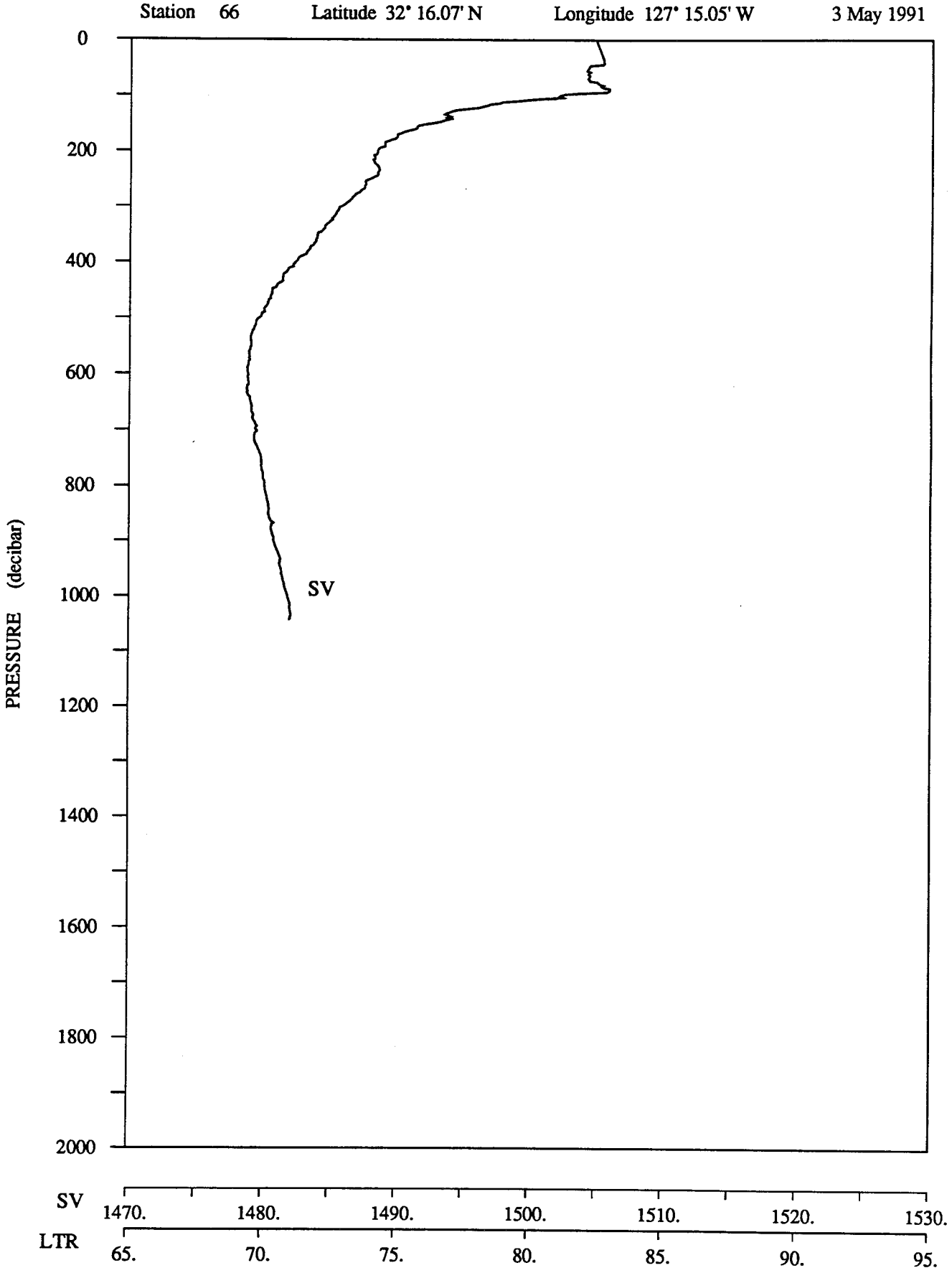
Station 66
Latitude 32° 16.07' N
Longitude 127° 15.05' W
3 May 1991
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PRESSURE (decibar)
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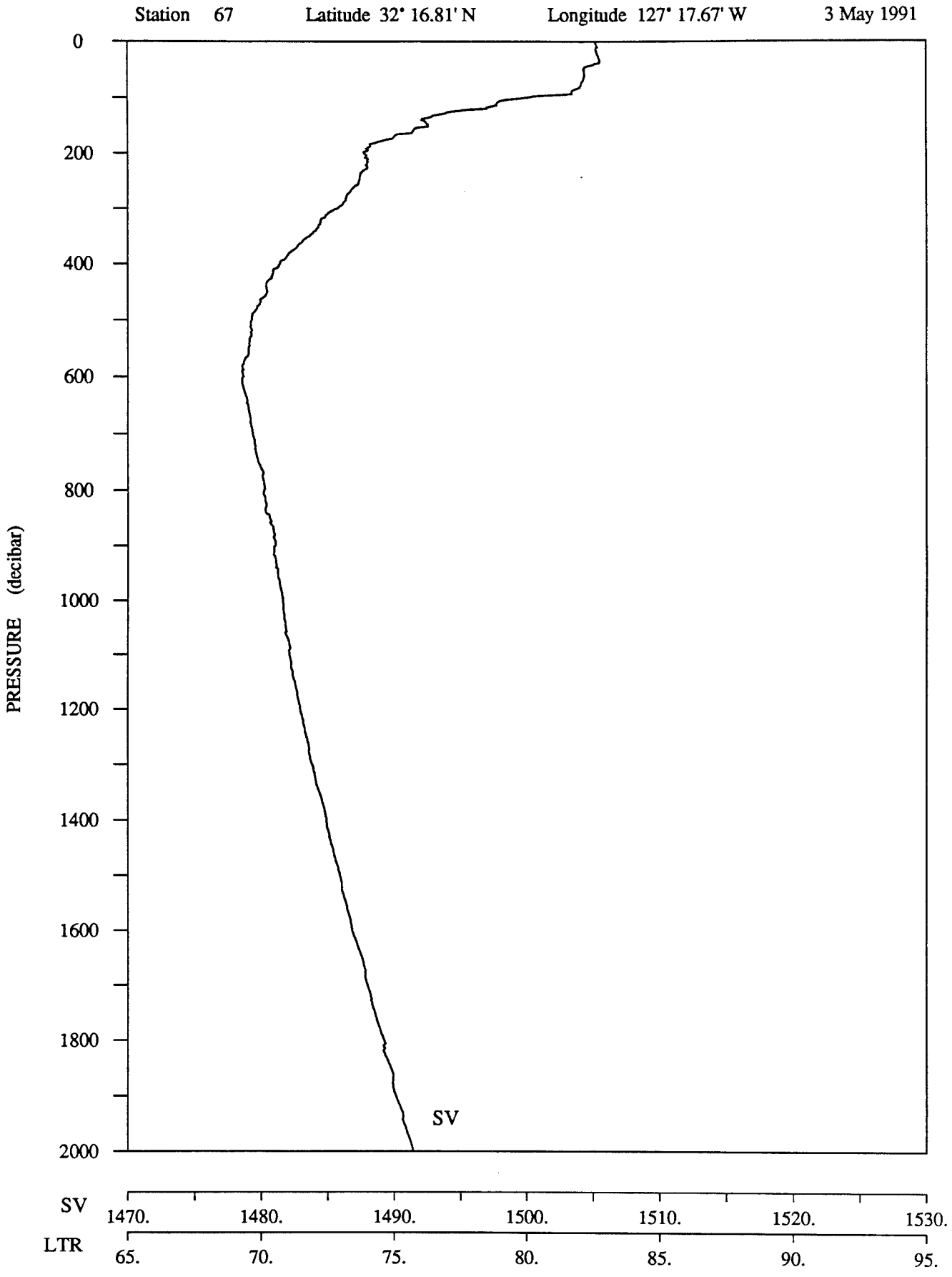
Station 67
Latitude 32° 16.81' N
Longitude 127° 17.67' W
3 May 1991
PRESSURE (decibar)
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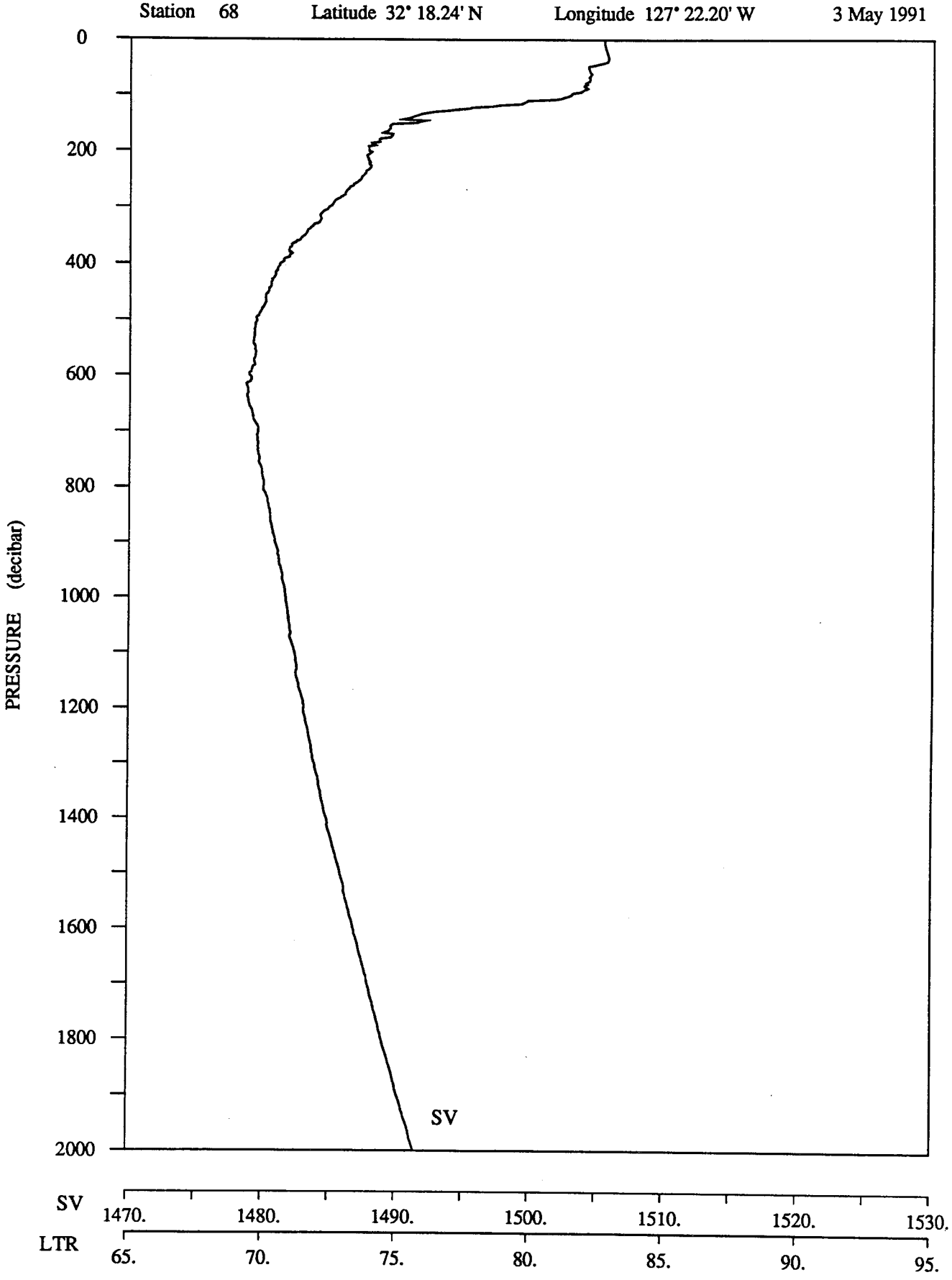
Station 68
Latitude 32° 18.24' N
Longitude 127° 22.20' W
3 May 1991
PRESSURE (decibar)
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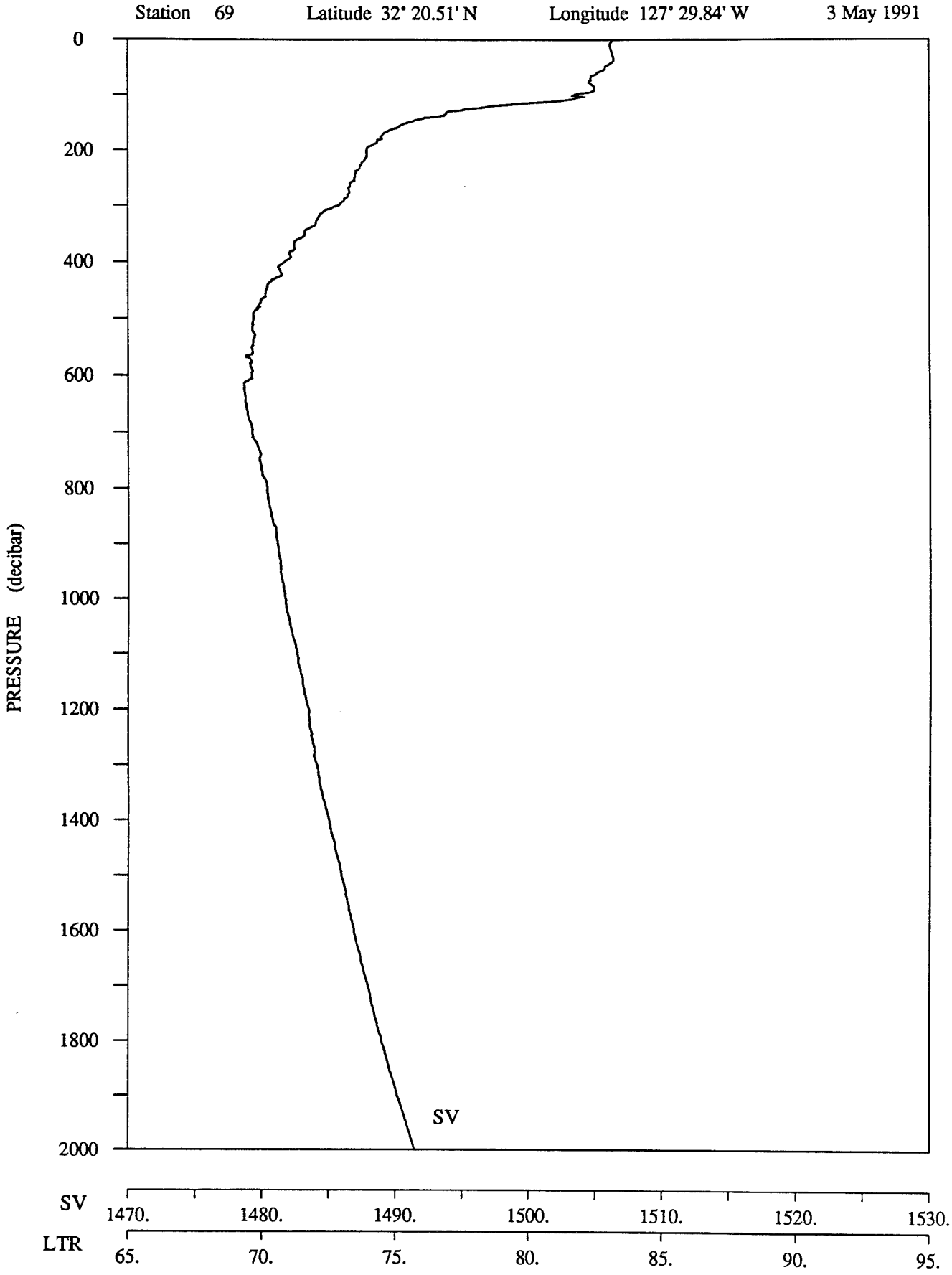
Station 69
Latitude 32° 20.51' N
Longitude 127° 29.84' W
3 May 1991
PRESSURE (decibar)
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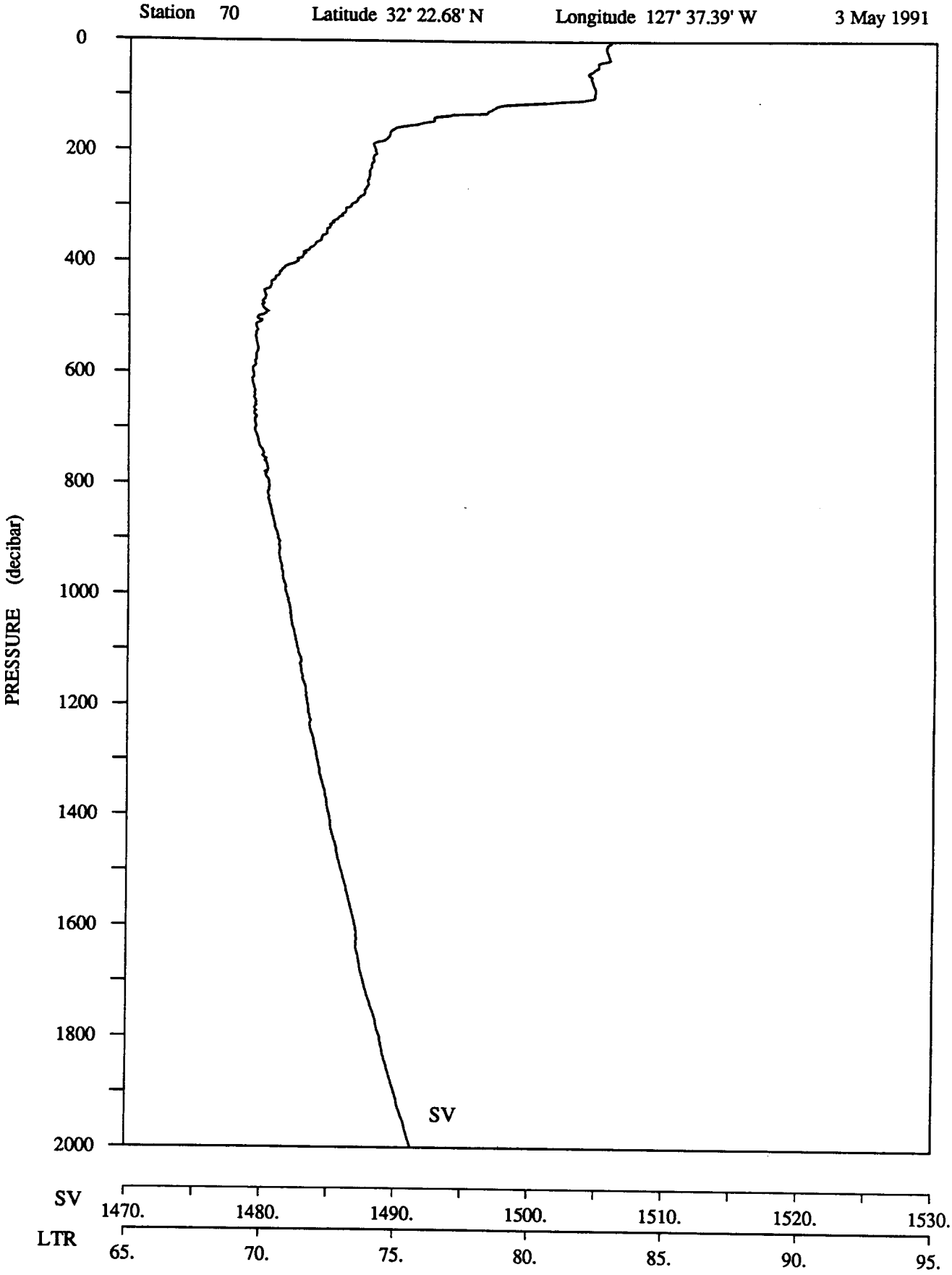
Station 70
Latitude 32° 22.68' N
Longitude 127° 37.39' W
3 May 1991
PRESSURE (decibar)
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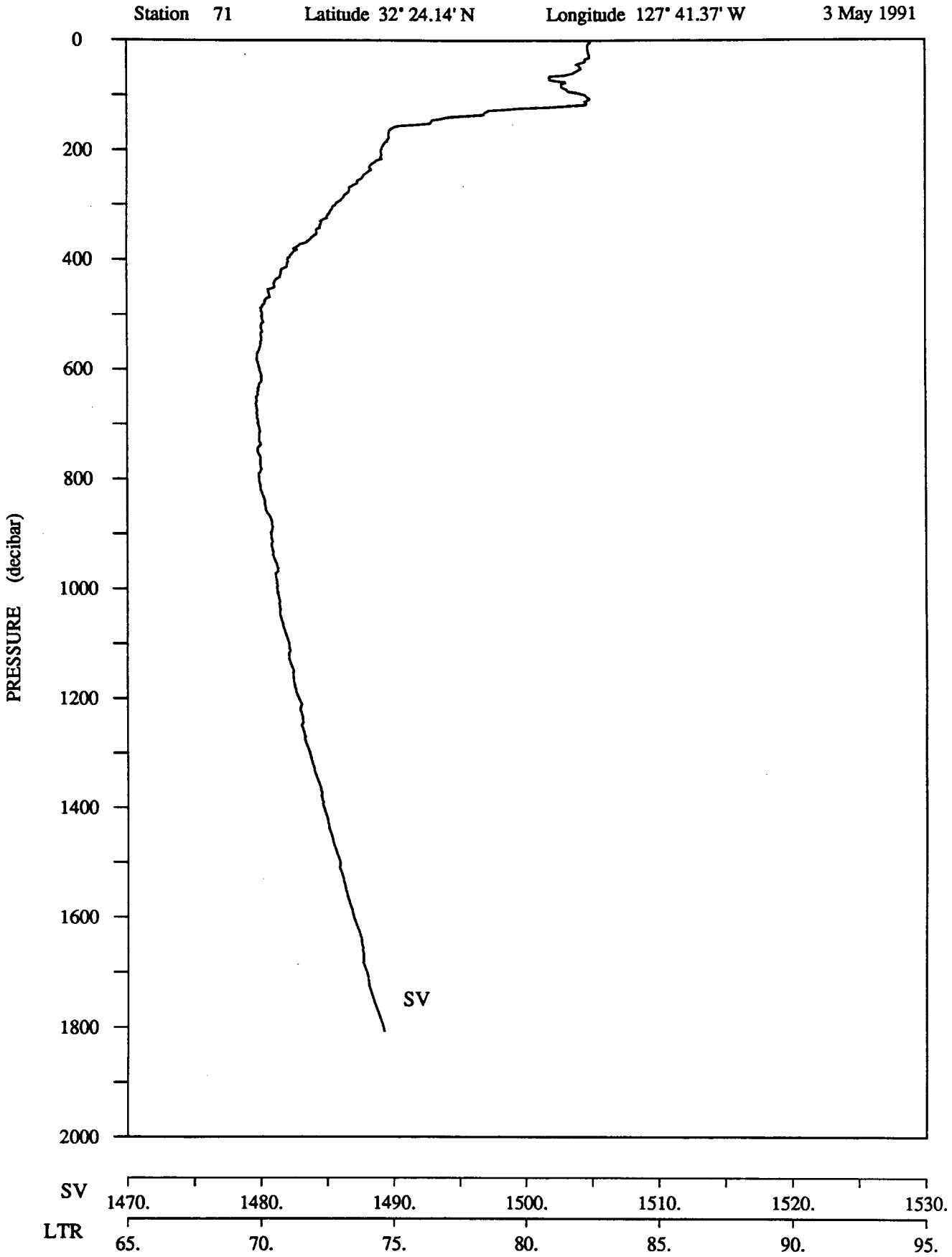
Station 71
Latitude 32° 24.14' N
Longitude 127° 41.37' W
3 May 1991
PRESSURE (decibar)
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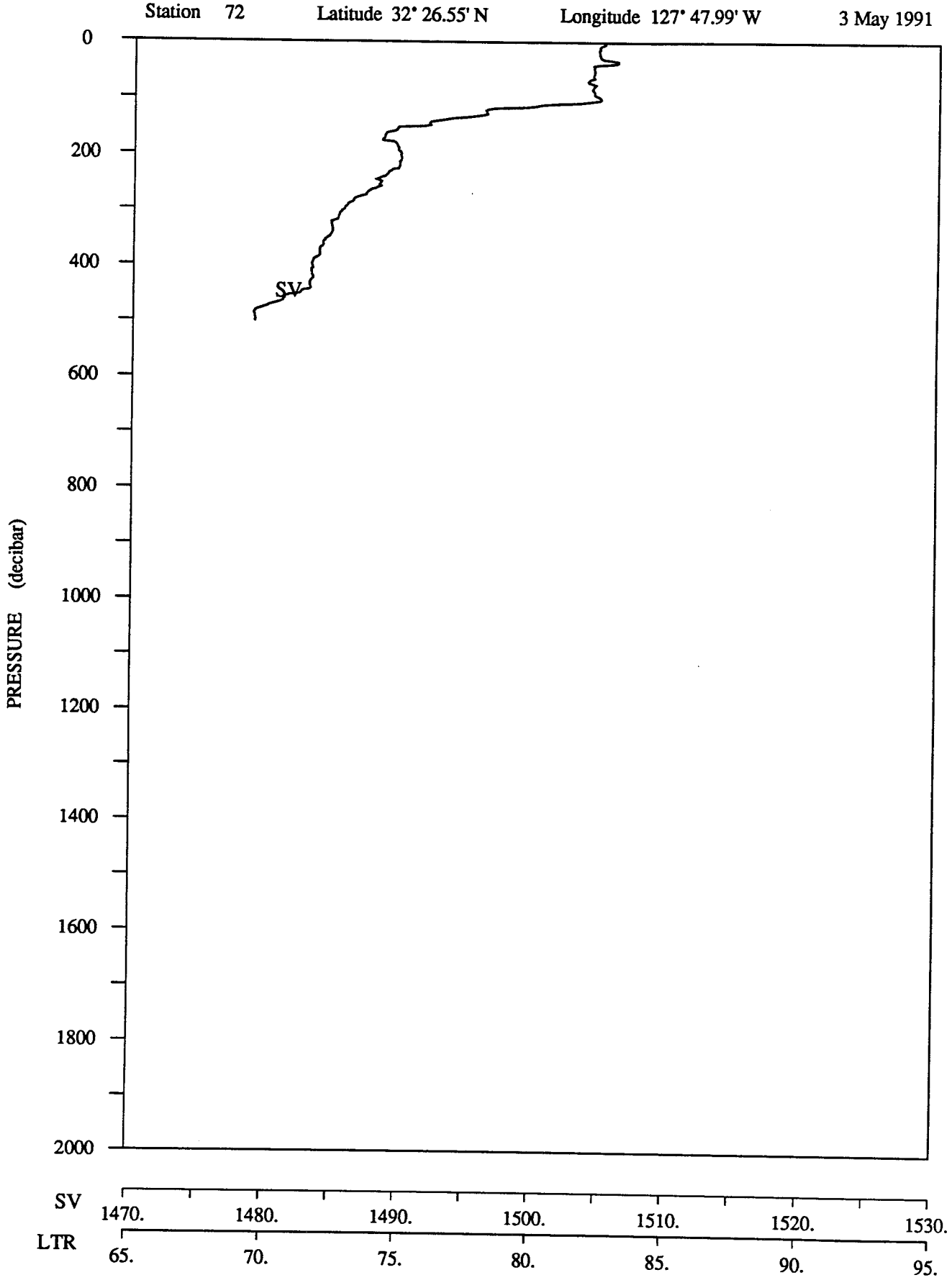
Station 72
Latitude 32° 26.55' N
Longitude 127° 47.99' W
3 May 1991
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PRESSURE (decibar)
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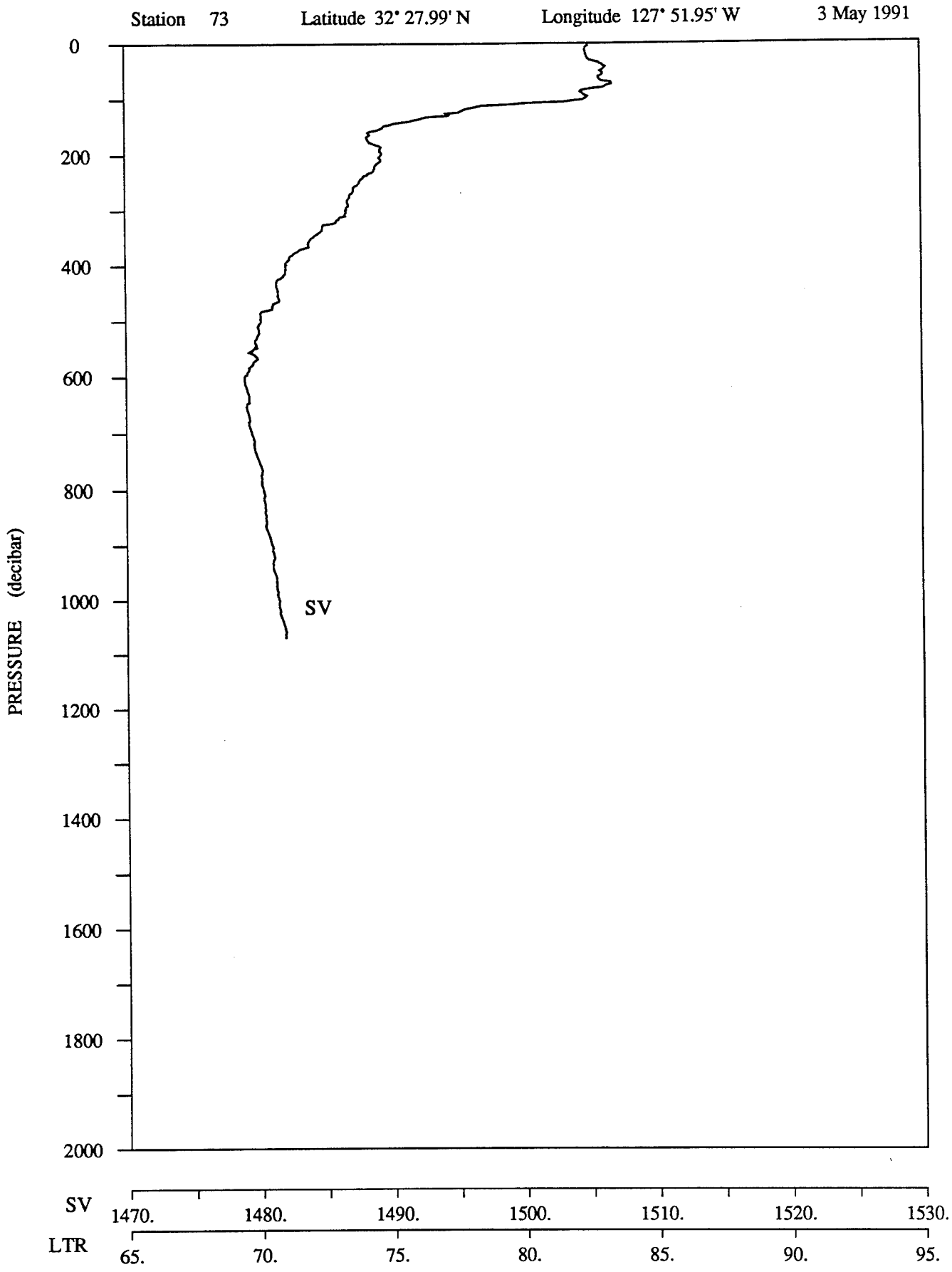
Station 73
Latitude 32° 27.99' N
Longitude 127° 51.95' W
3 May 1991
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PRESSURE (decibar)
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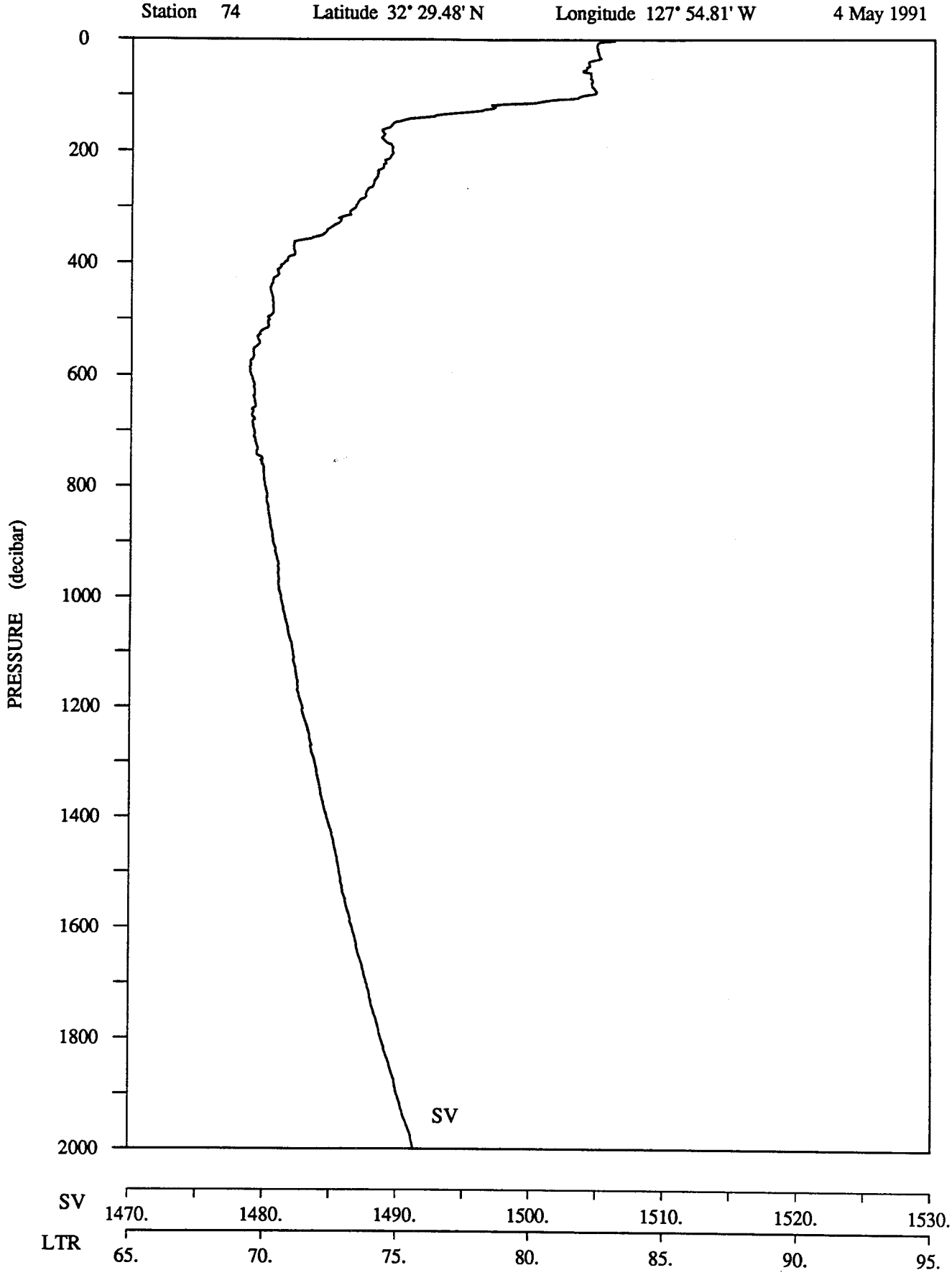
Station 74
Latitude 32° 29.48' N
Longitude 127° 54.81' W
4 May 1991
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PRESSURE (decibar)
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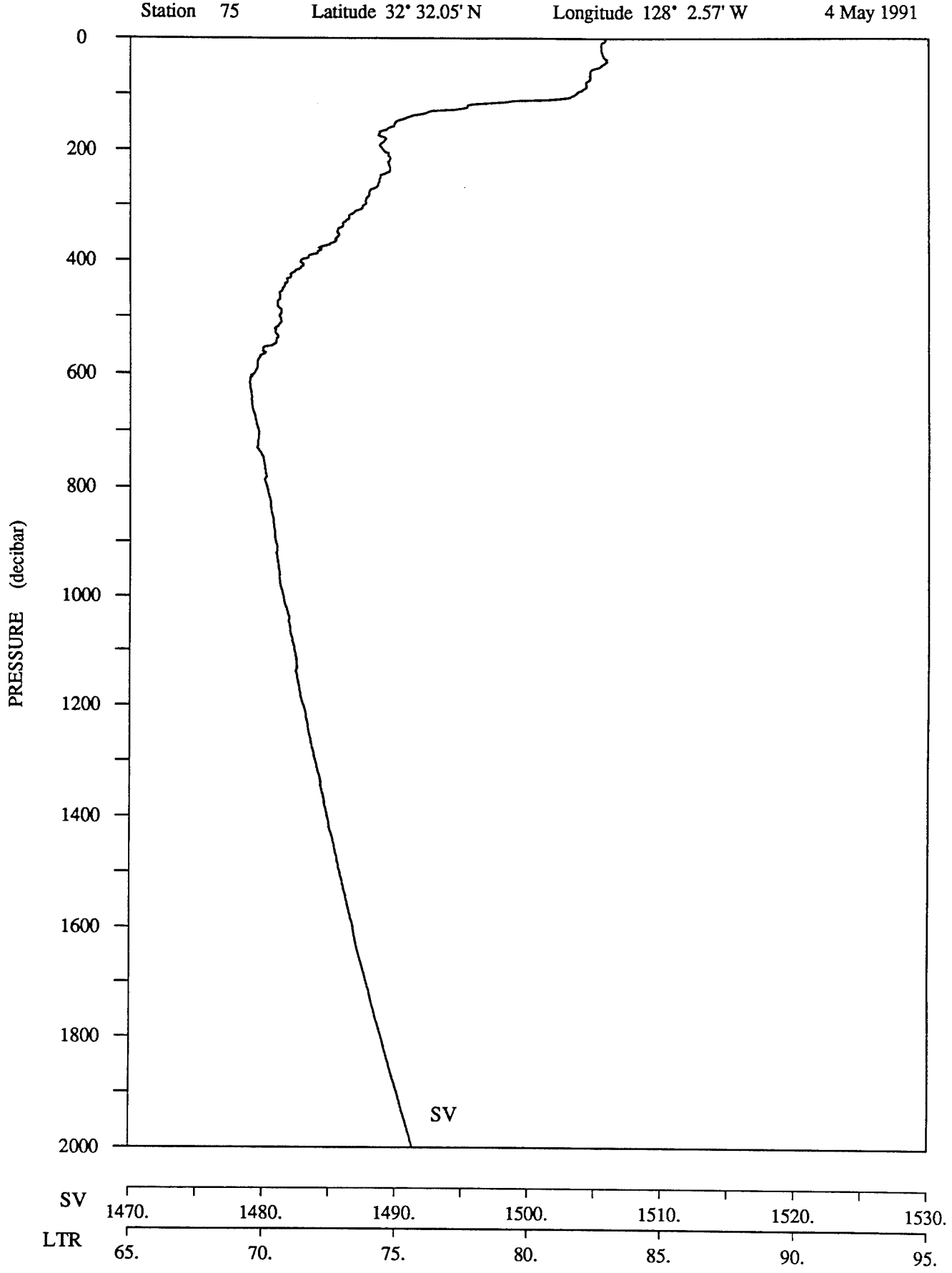
Station 75
Latitude 32° 32.05' N
Longitude 128° 2.57' W
4 May 1991
PRESSURE (decibar)
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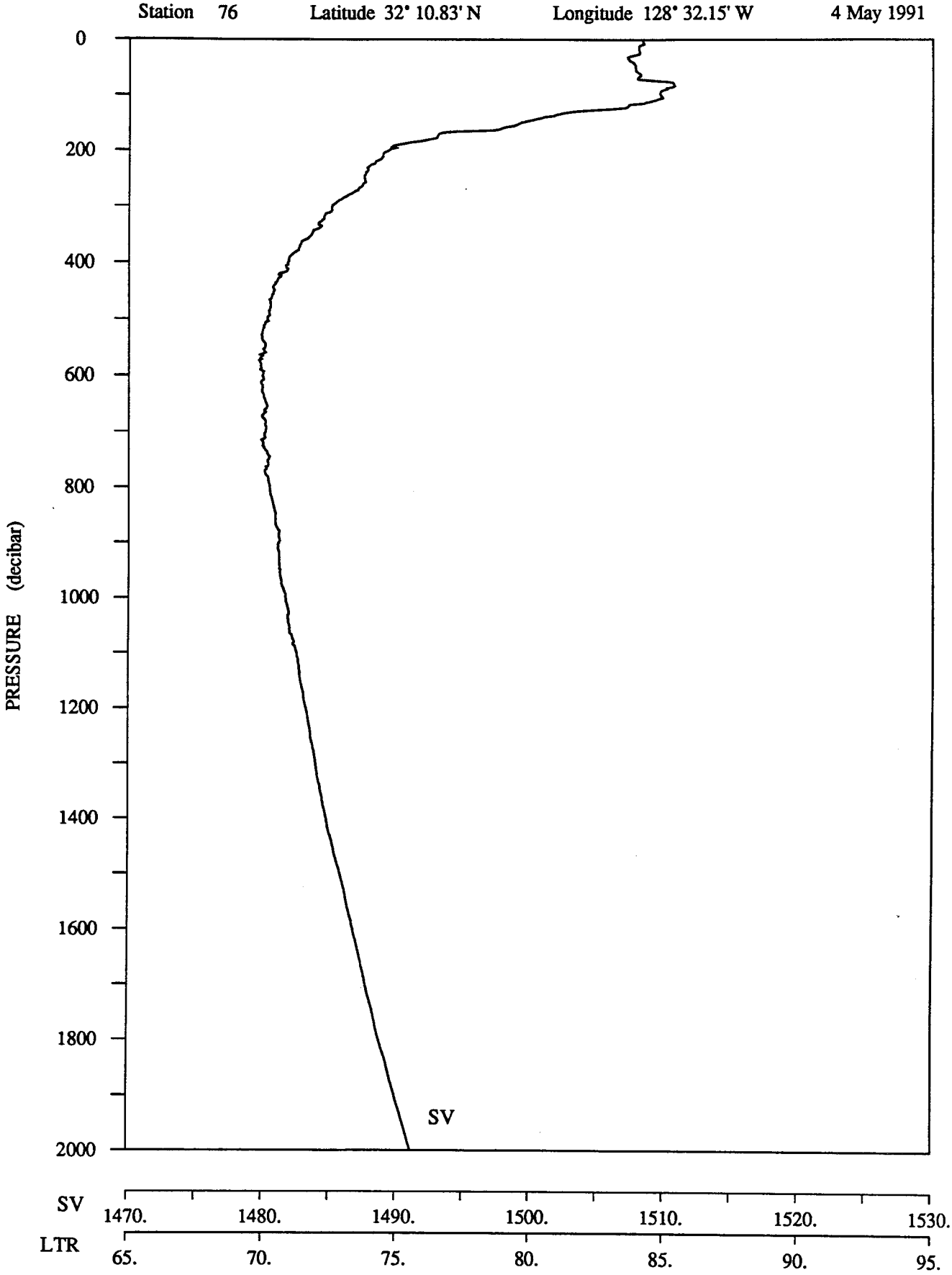
Station 76
Latitude 32° 10.83' N
Longitude 128° 32.15' W
4 May 1991
PRESSURE (decibar)
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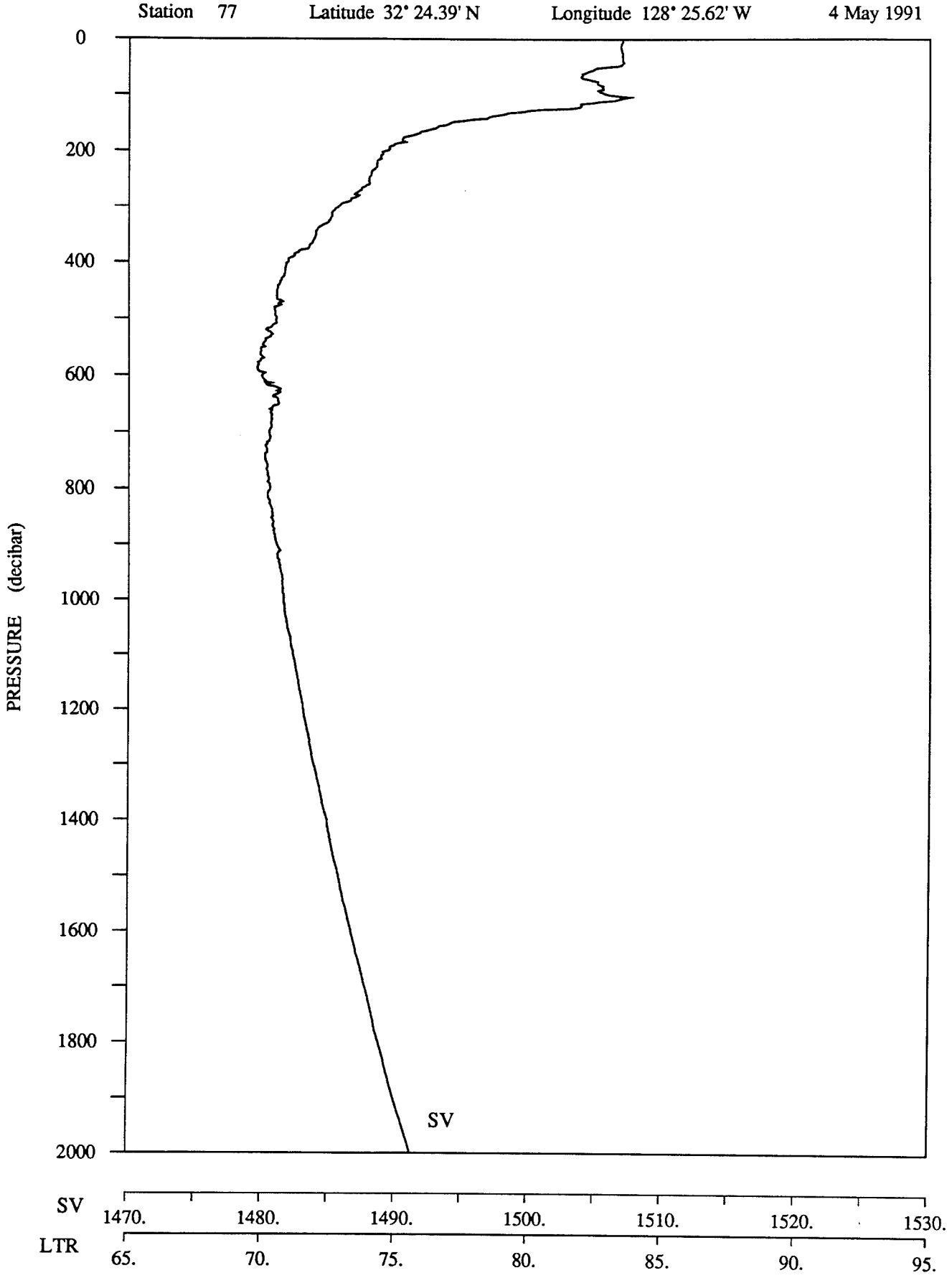
Station 77
Latitude 32° 24.39' N
Longitude 128° 25.62' W
4 May 1991
PRESSURE (decibar)
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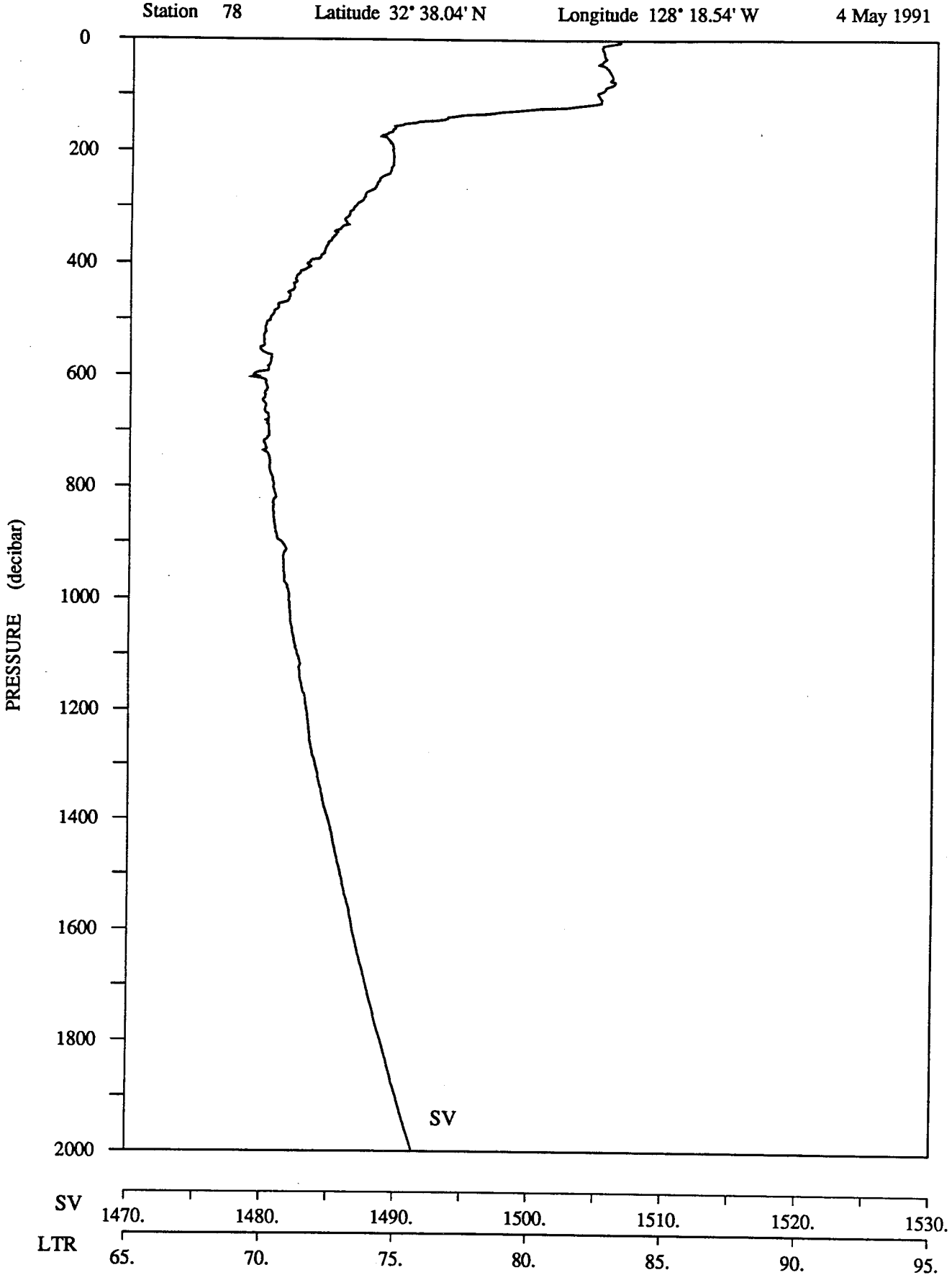
Station 78
Latitude 32° 38.04' N
Longitude 128° 18.54' W
4 May 1991
PRESSURE (decibar)
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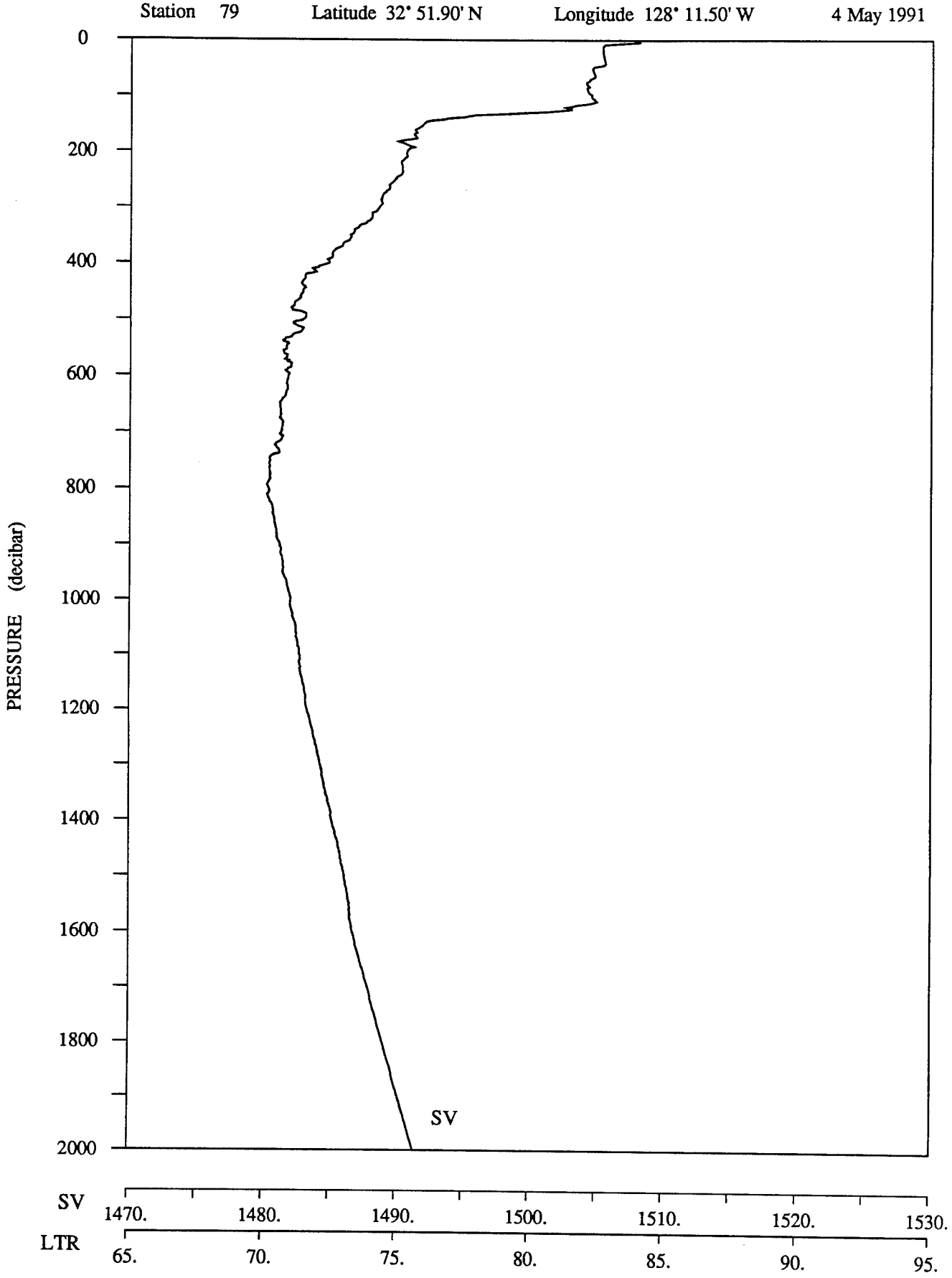
Station 79
Latitude 32° 51.90' N
Longitude 128° 11.50' W
4 May 1991
PRESSURE (decibar)
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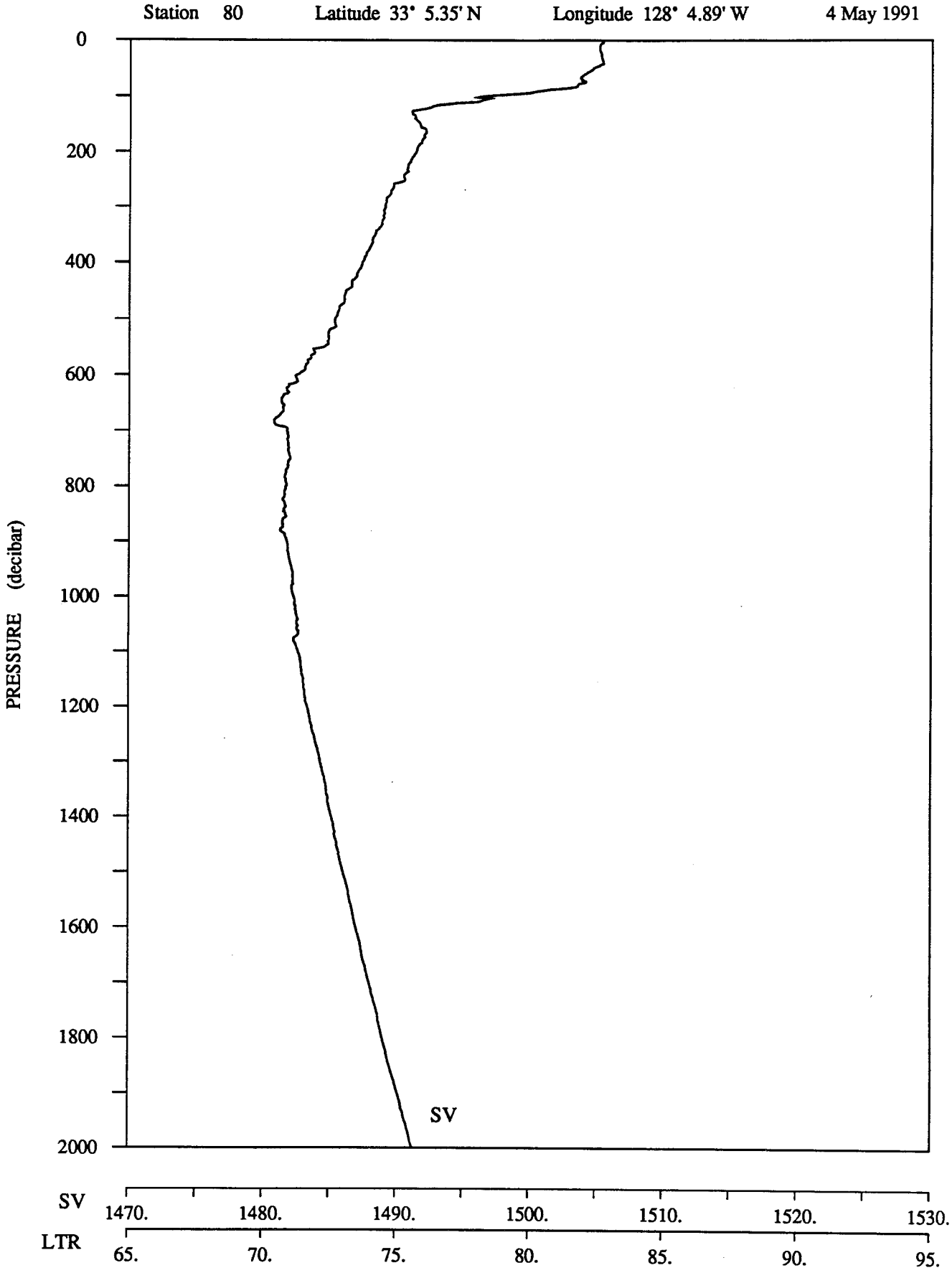
Station 80
Latitude 33° 5.35' N
Longitude 128° 4.89' W
4 May 1991
PRESSURE (decibar)
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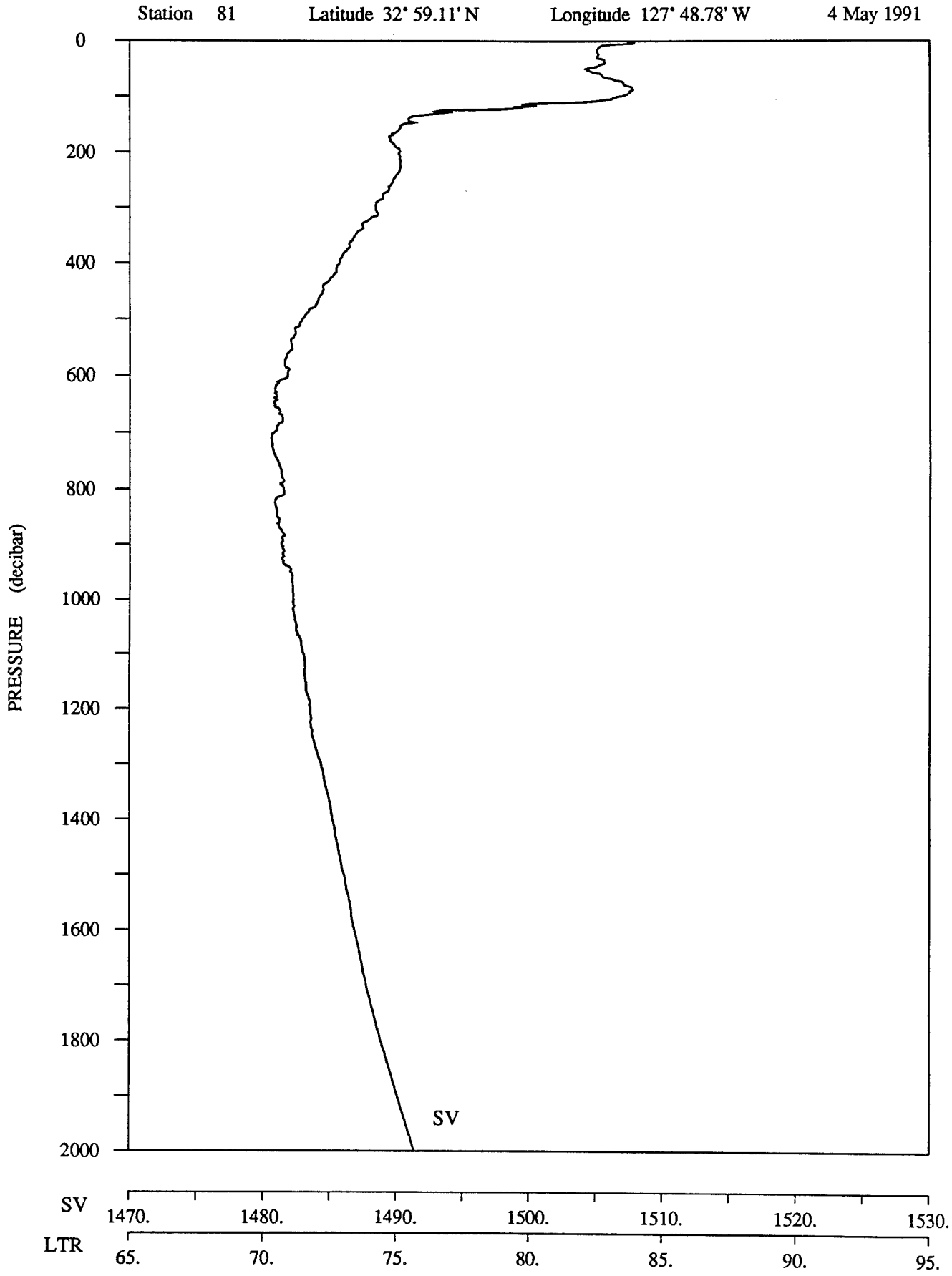
Station 81
Latitude 32° 59.11' N
Longitude 127° 48.78' W
4 May 1991
PRESSURE (decibar)
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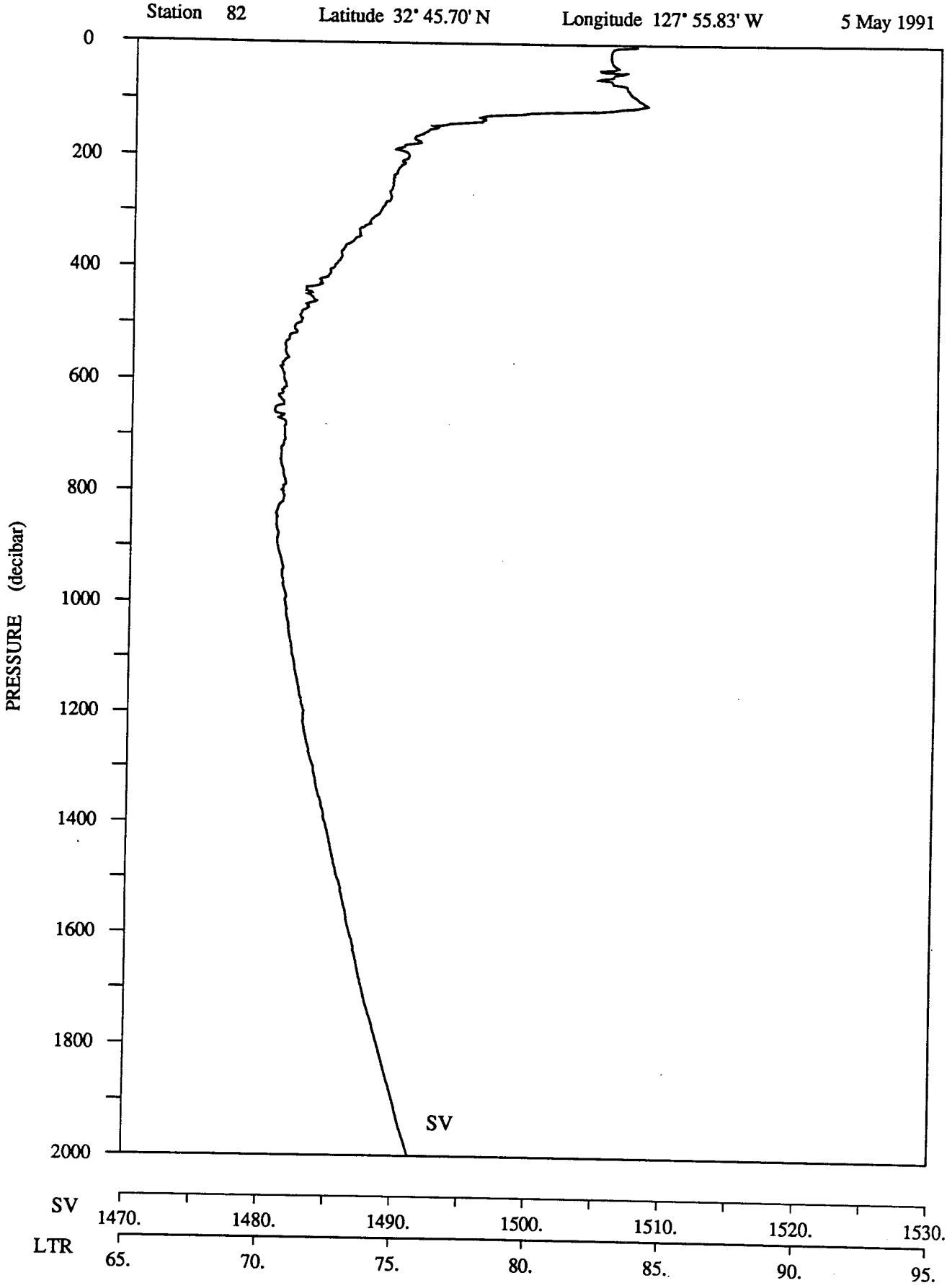
Station 82
Latitude 32° 45.70' N
Longitude 127° 55.83' W
5 May 1991
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PRESSURE (decibar)
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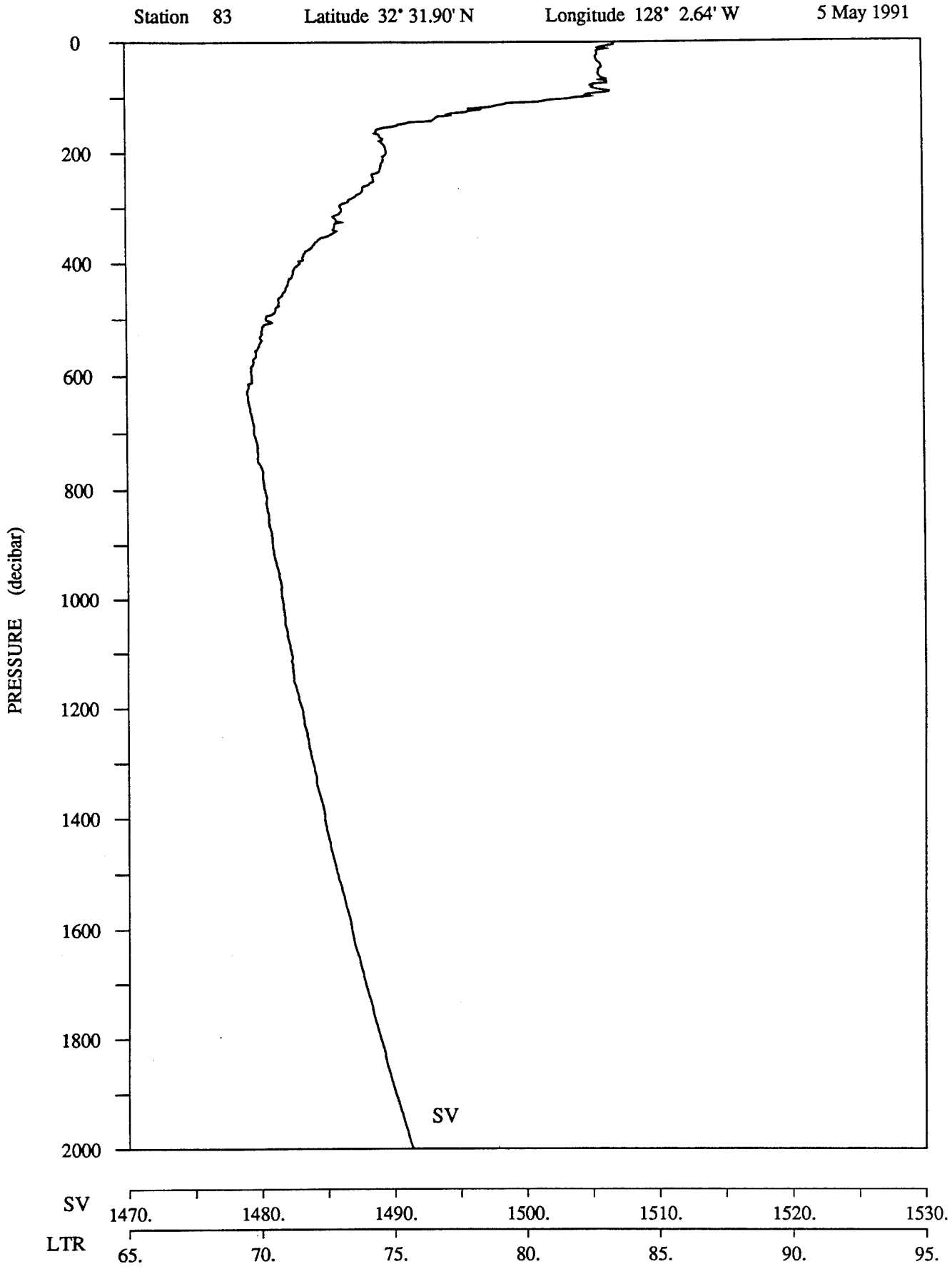
Station 83
Latitude 32° 31.90' N
Longitude 128° 2.64' W
5 May 1991
PRESSURE (decibar)
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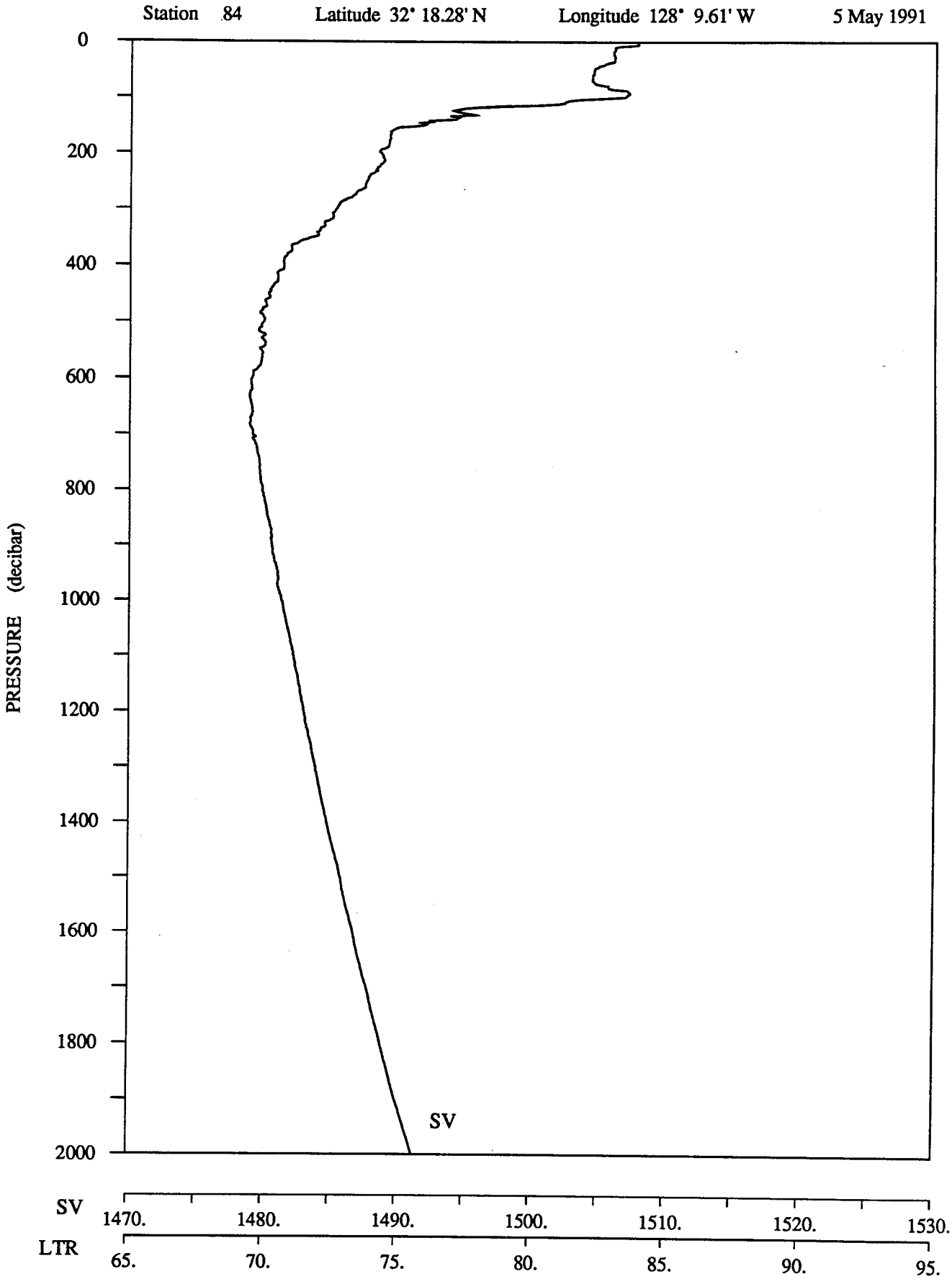
Station 84
Latitude 32° 18.28' N
Longitude 128° 9.61' W
5 May 1991
PRESSURE (decibar)
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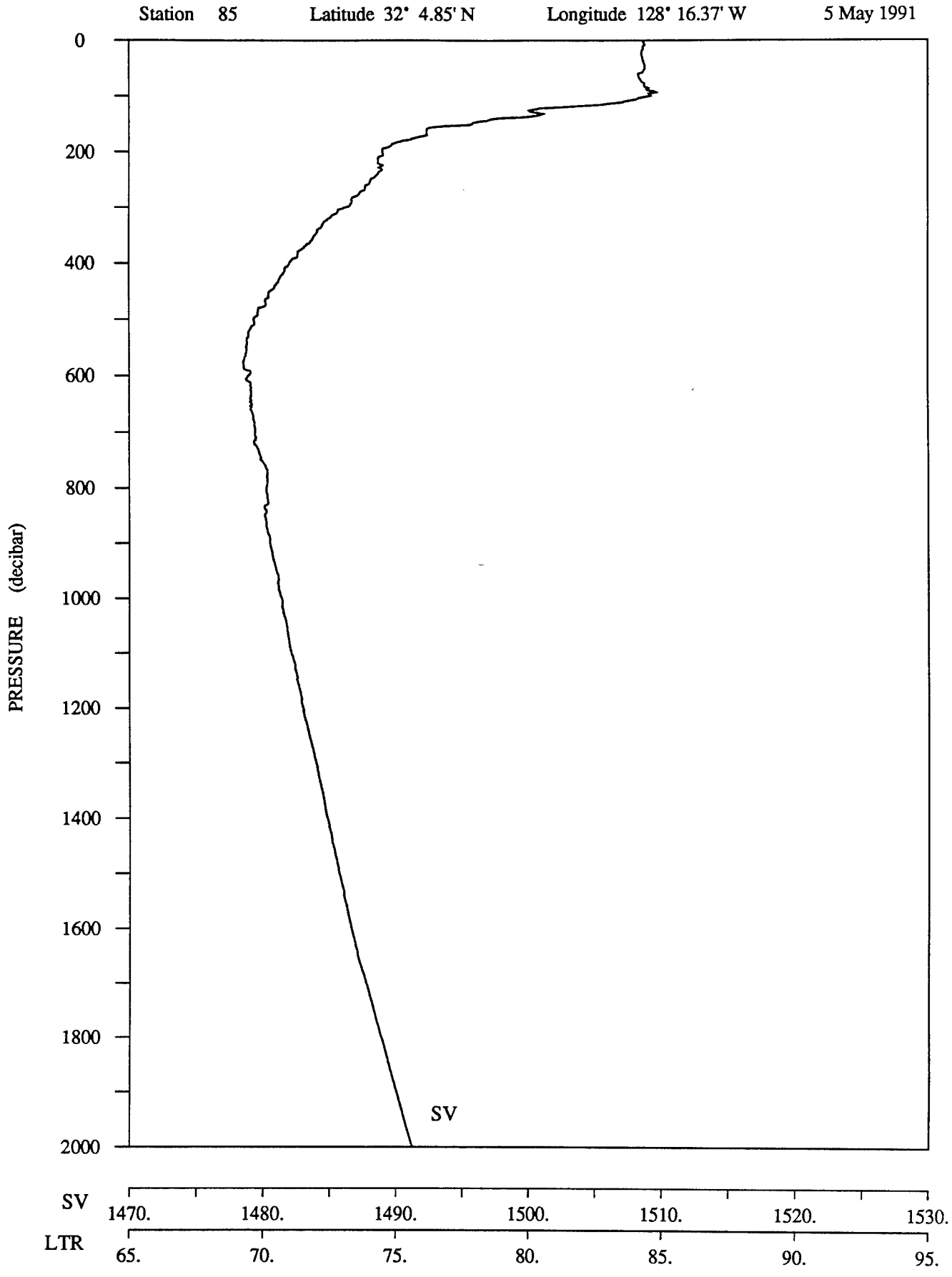
Station 85
Latitude 32° 4.85' N
Longitude 128° 16.37' W
5 May 1991
PRESSURE (decibar)
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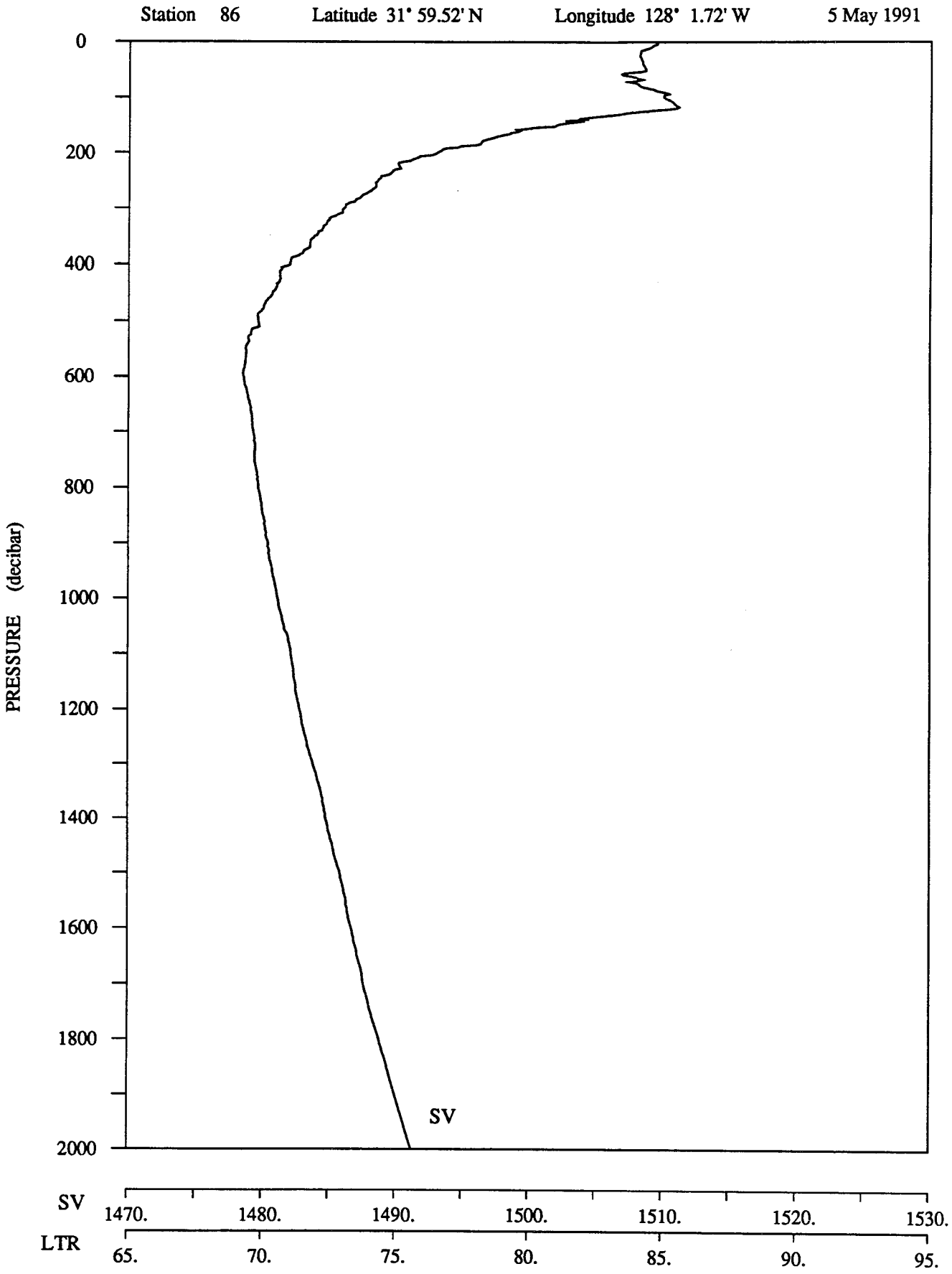
Station 86
Latitude 31° 59.52' N
Longitude 128° 1.72' W
5 May 1991
PRESSURE (decibar)
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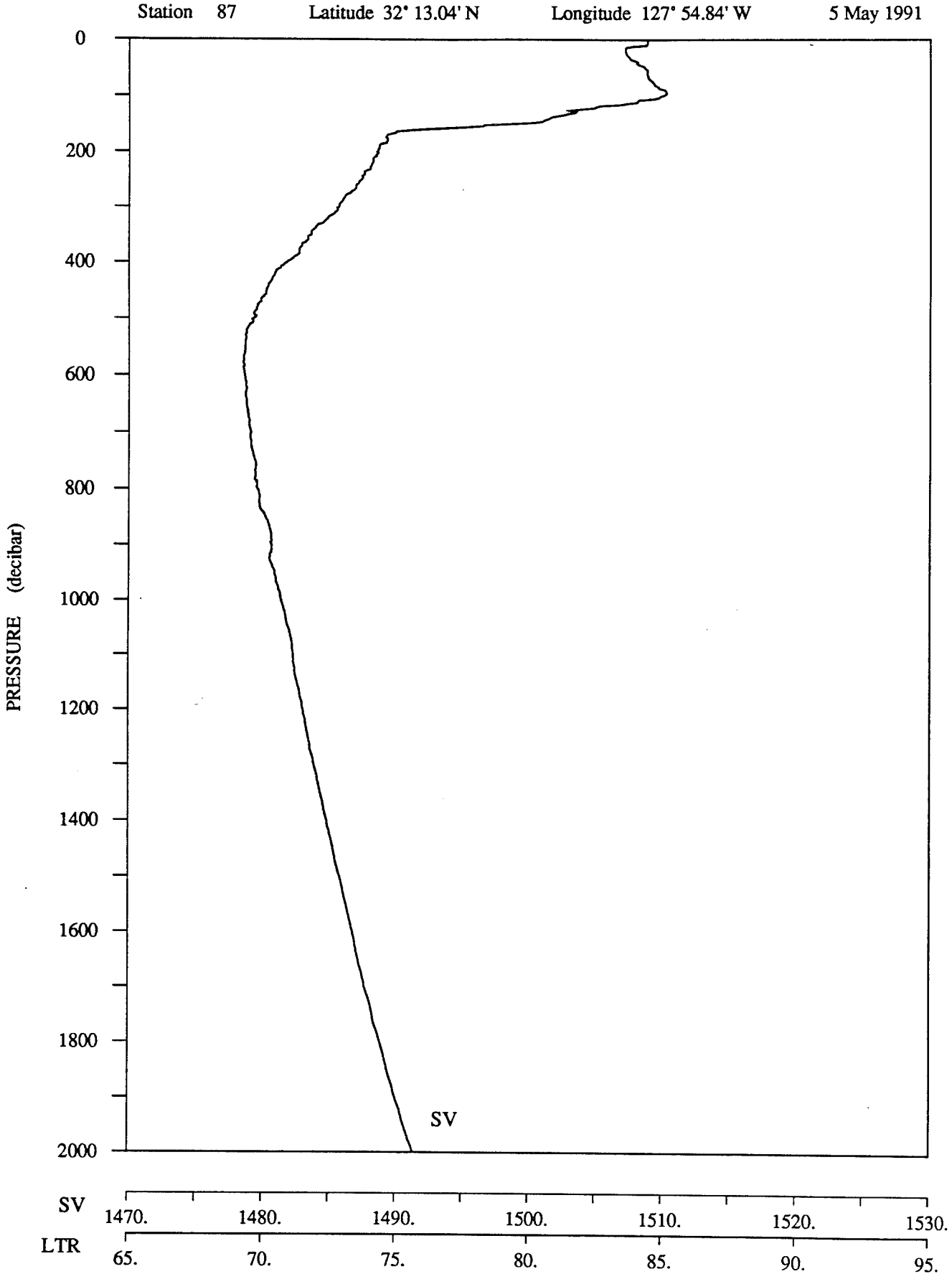
Station 87
Latitude 32° 13.04' N
Longitude 127° 54.84' W
5 May 1991
PRESSURE (decibar)
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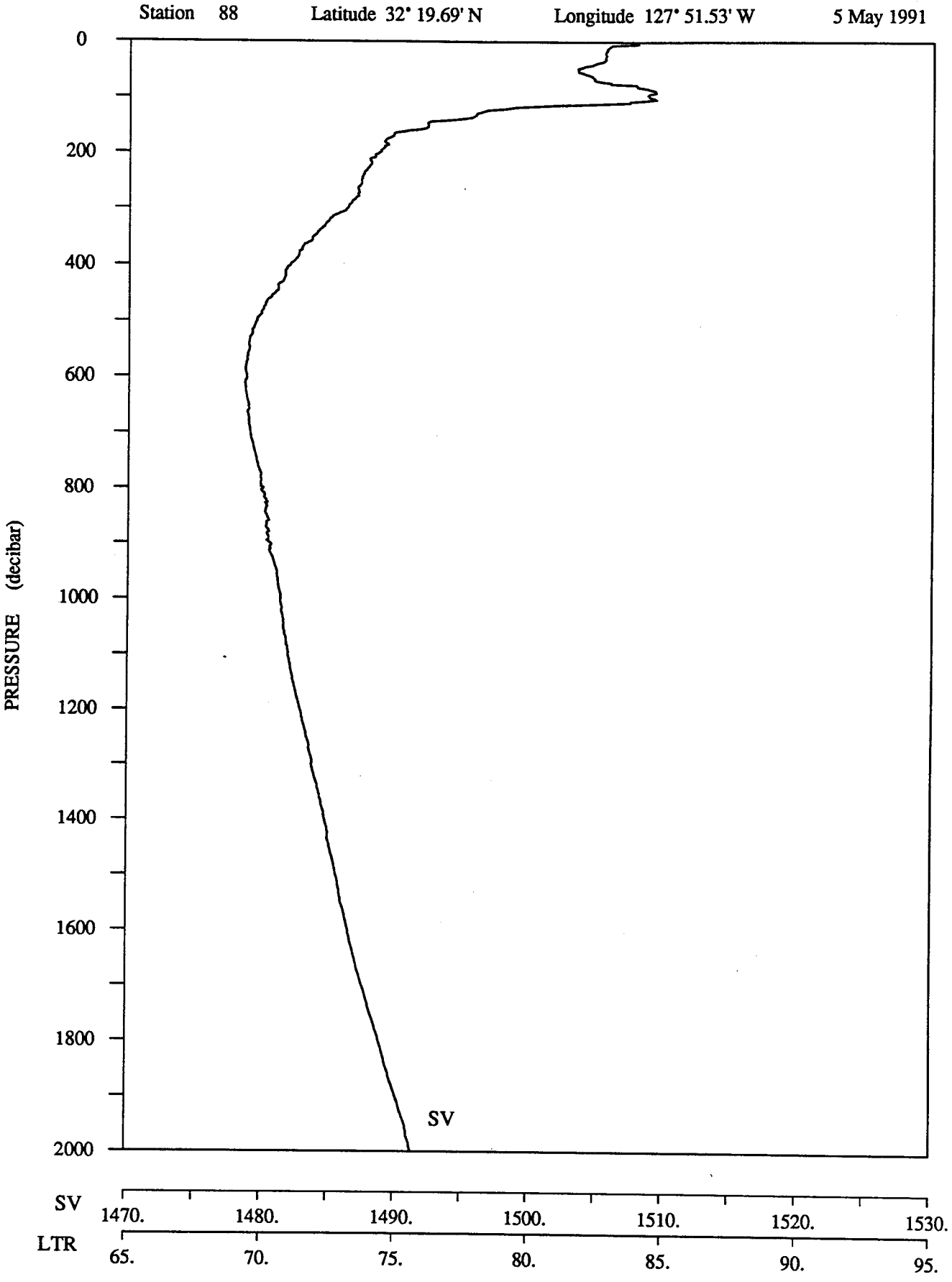
Station 88
Latitude 32° 19.69' N
Longitude 127° 51.53' W
5 May 1991
PRESSURE (decibar)
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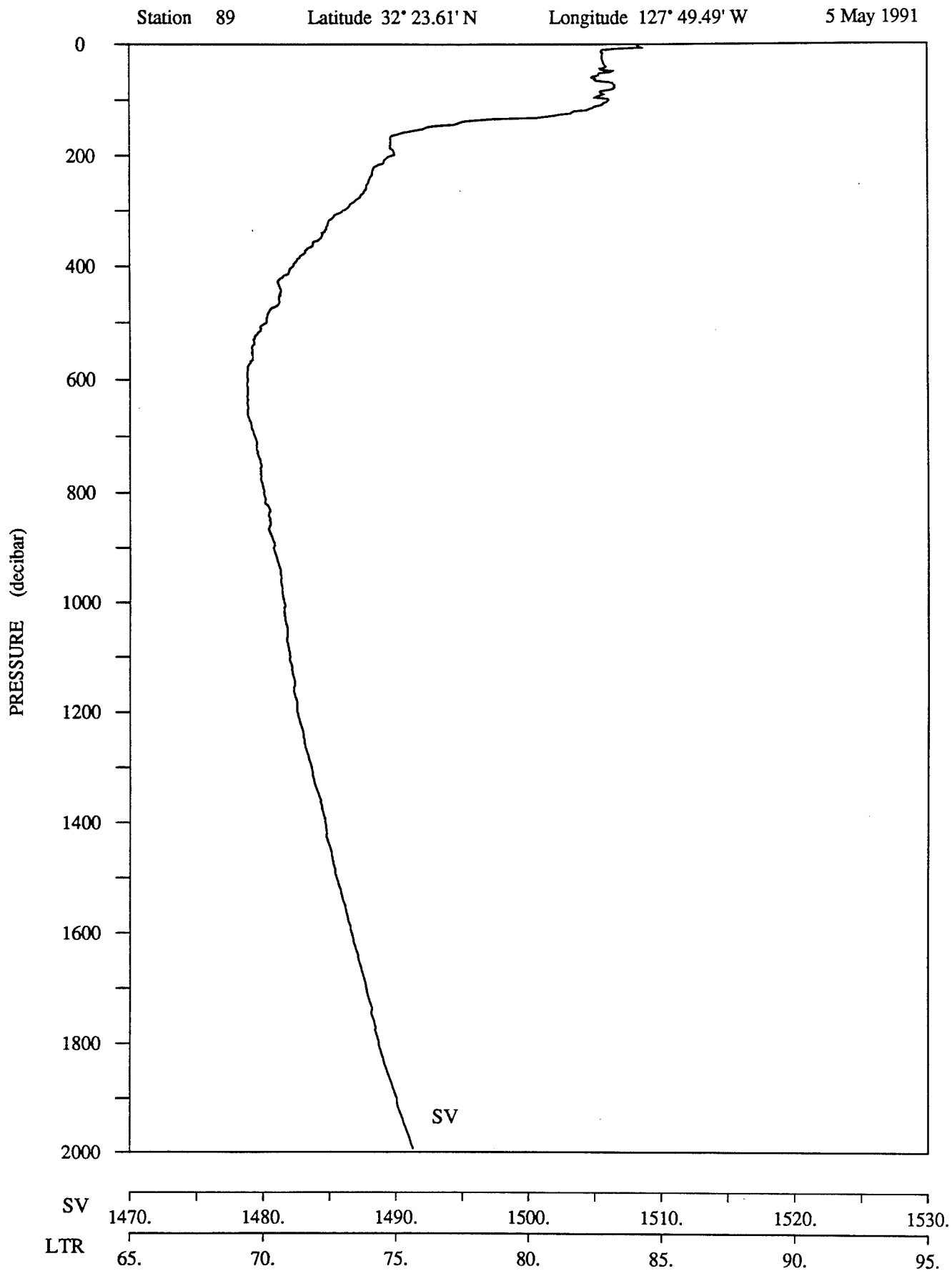
Station 89
Latitude 32° 23.61' N
Longitude 127° 49.49' W
5 May 1991
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PRESSURE (decibar)
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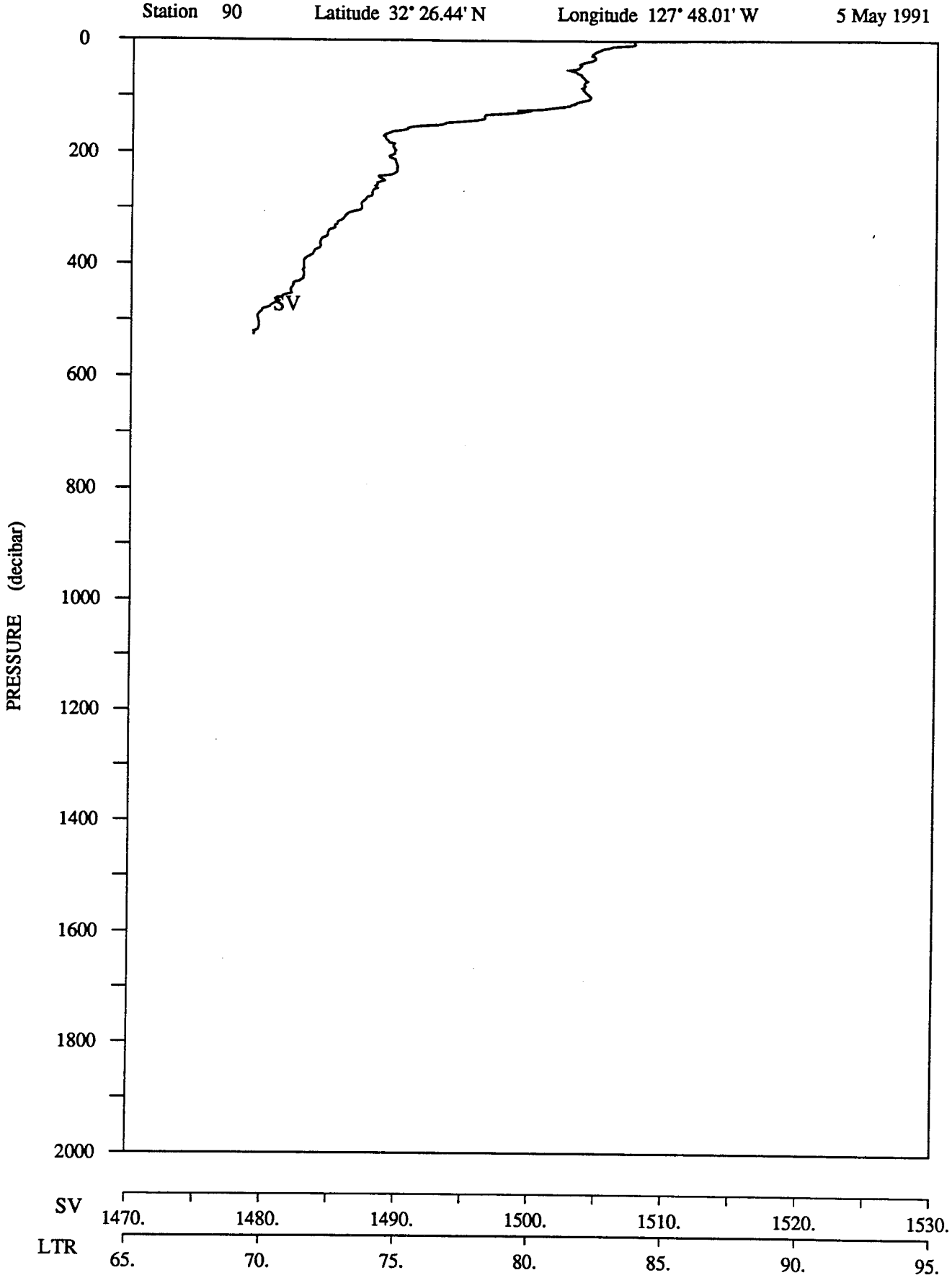
Station 90
Latitude 32° 26.44' N
Longitude 127° 48.01' W
5 May 1991
PRESSURE (decibar)
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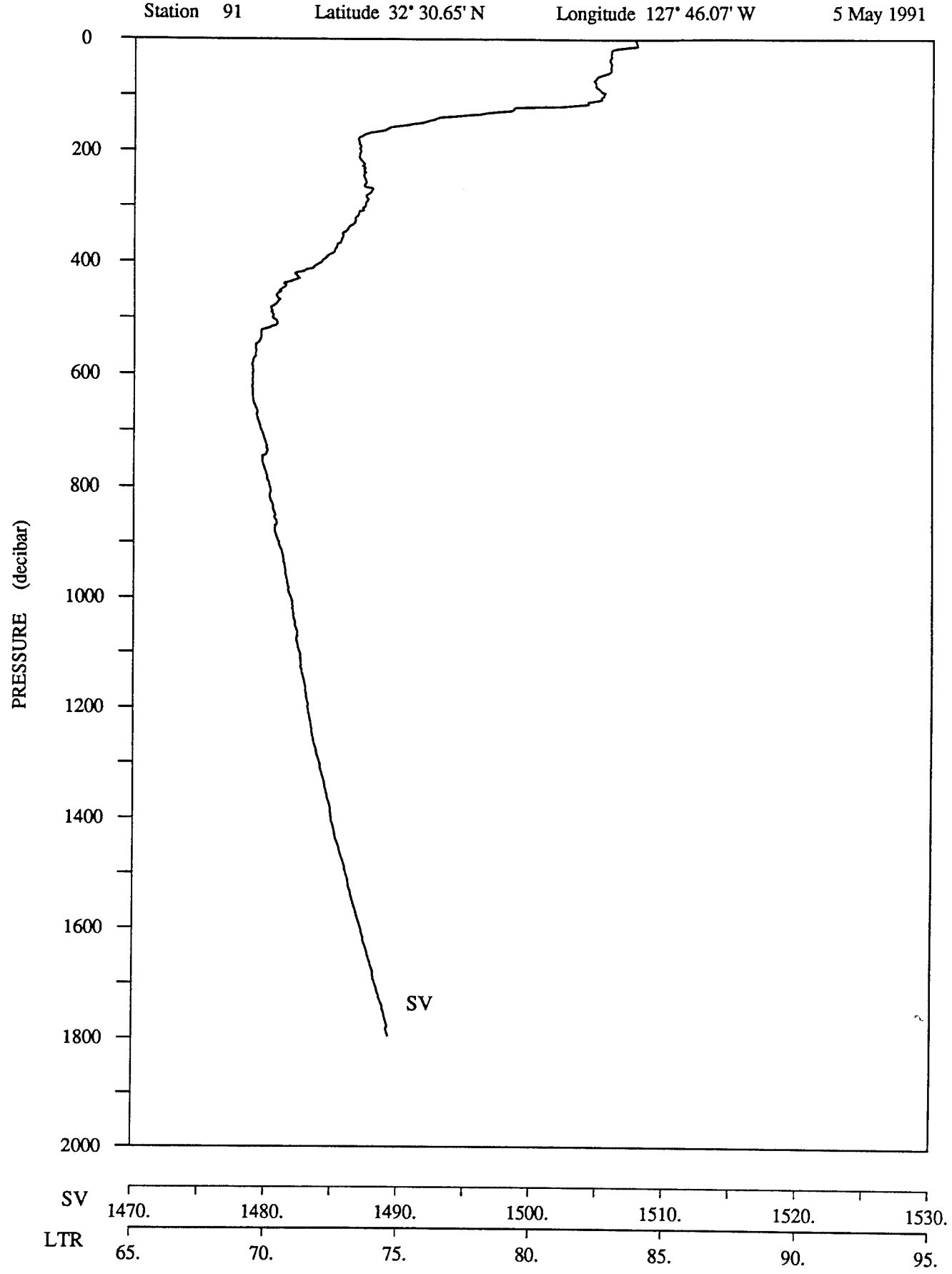
Station 91
Latitude 32° 30.65' N
Longitude 127° 46.07' W
5 May 1991
PRESSURE (decibar)
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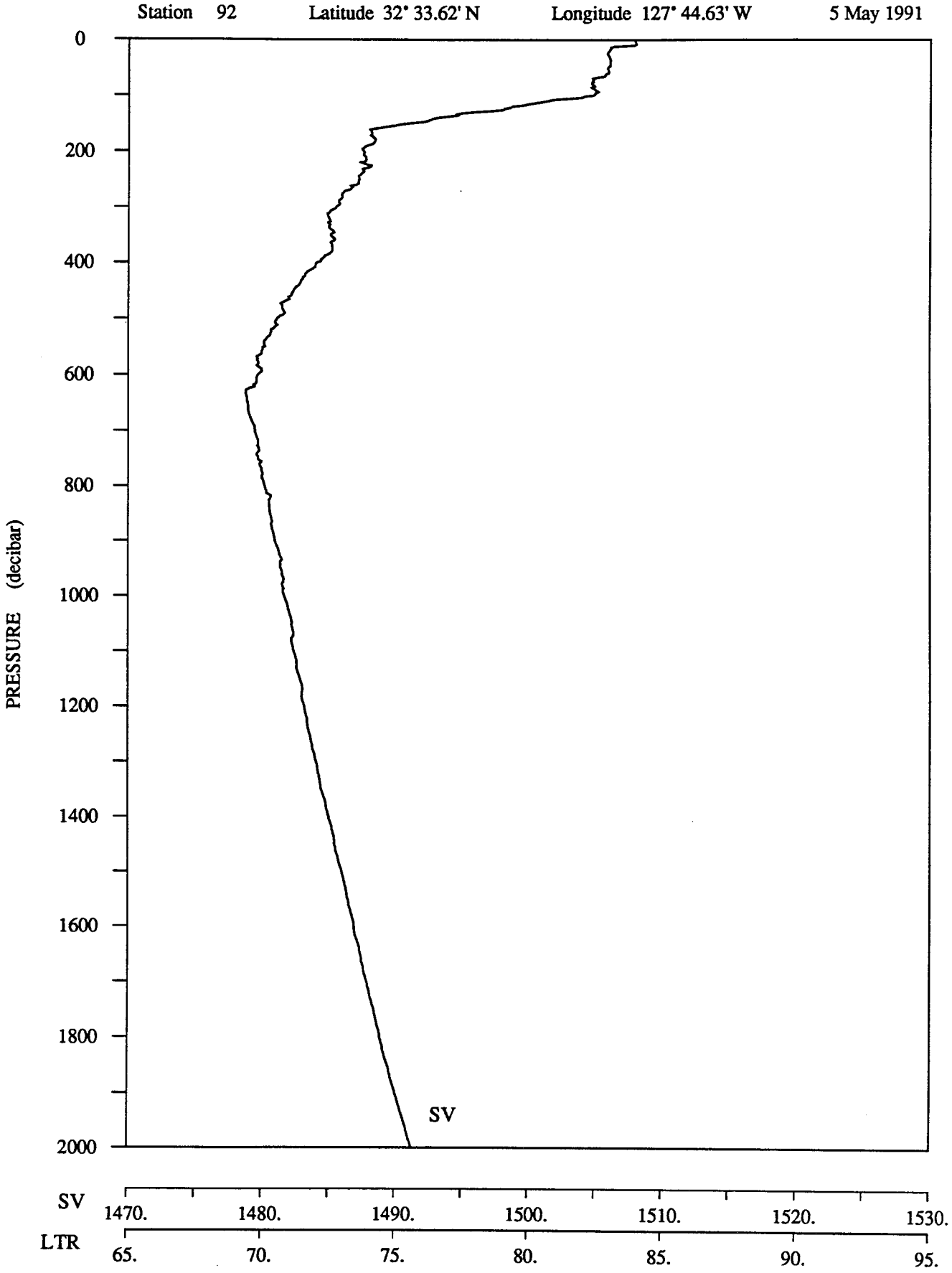
Station 92
Latitude 32° 33.62' N
Longitude 127° 44.63' W
5 May 1991
PRESSURE (decibar)
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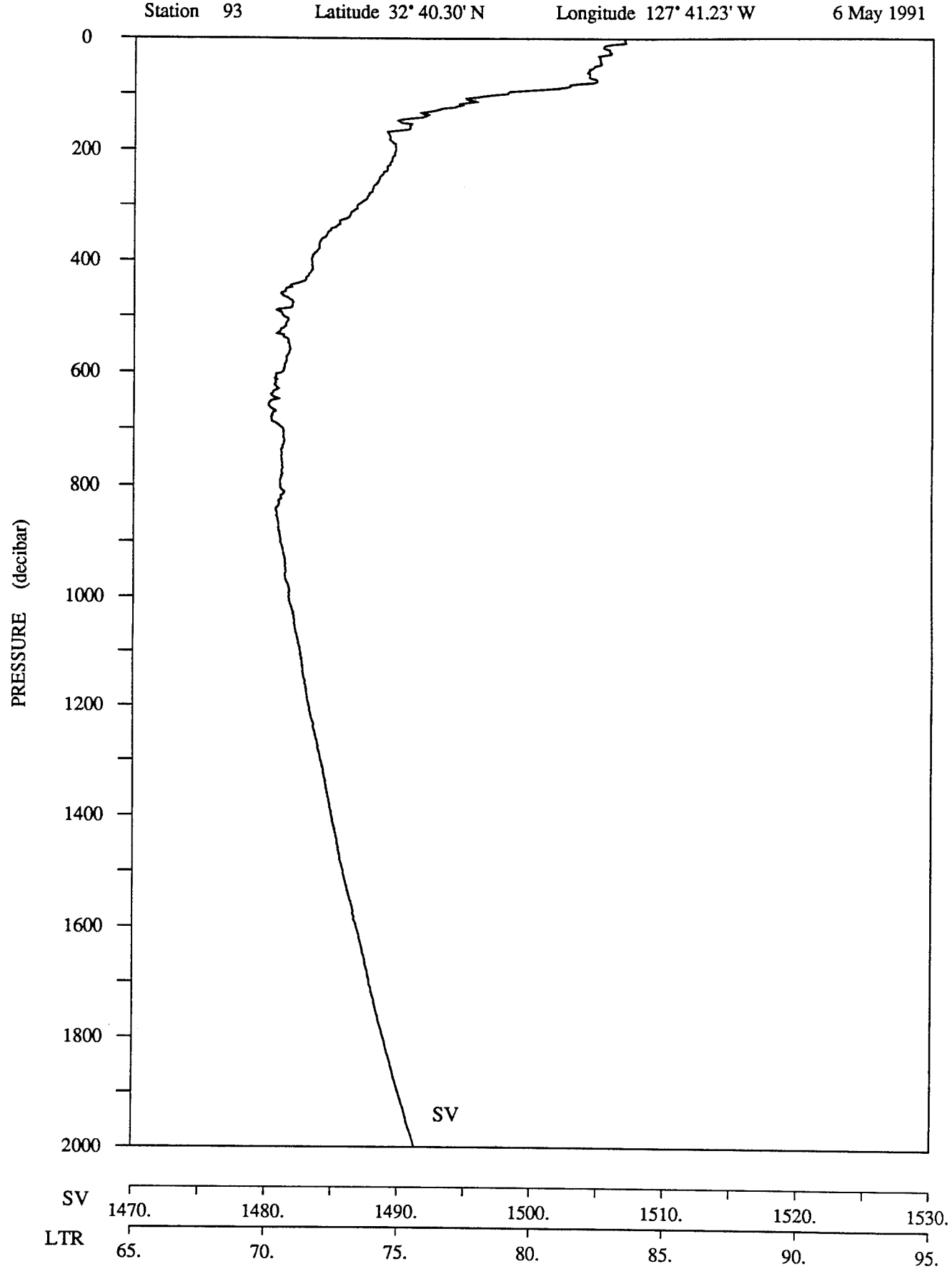
Station 93
Latitude 32° 40.30' N
Longitude 127° 41.23' W
6 May 1991
PRESSURE (decibar)
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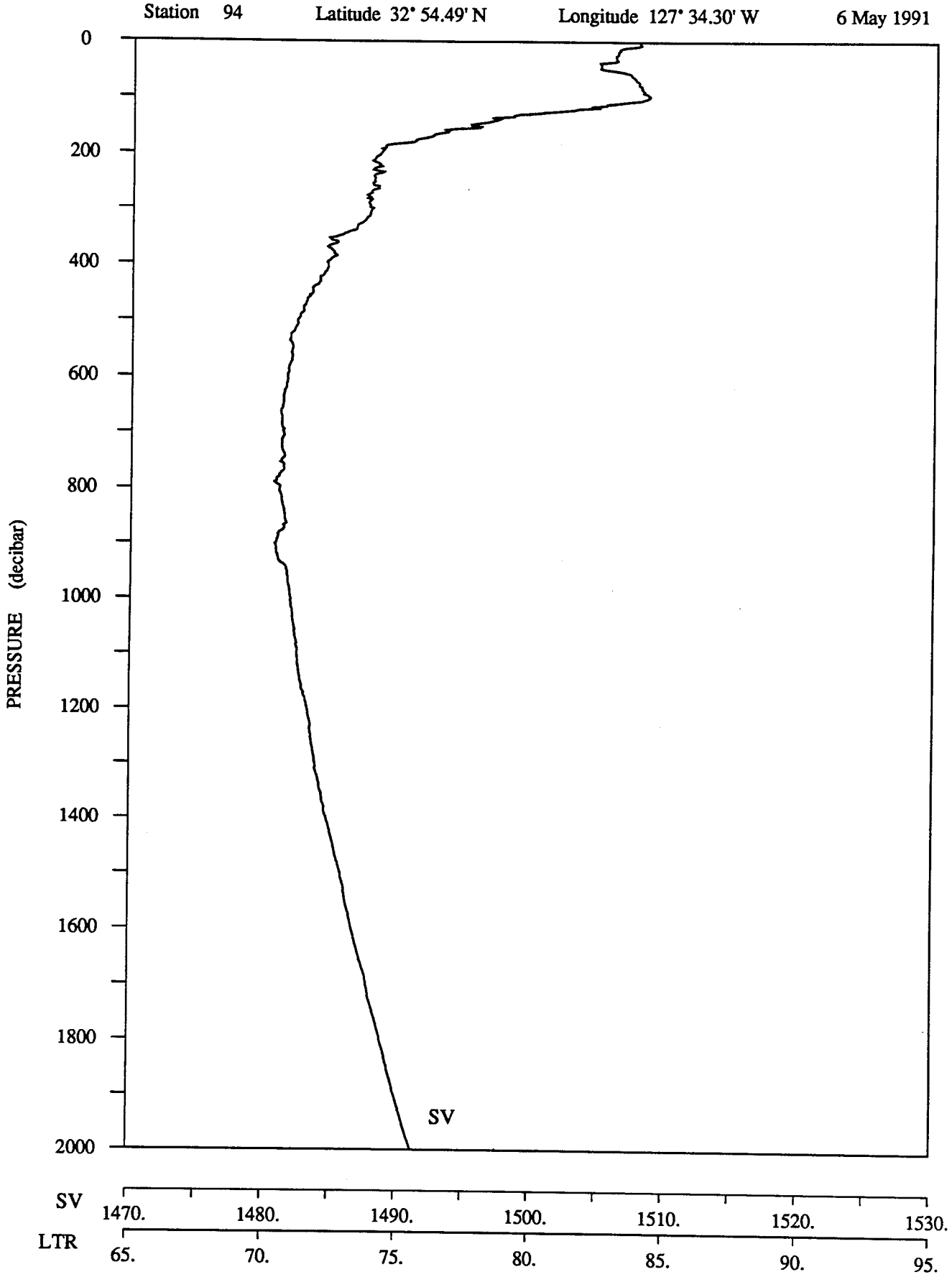
Station 94
Latitude 32° 54.49' N
Longitude 127° 34.30' W
6 May 1991
PRESSURE (decibar)
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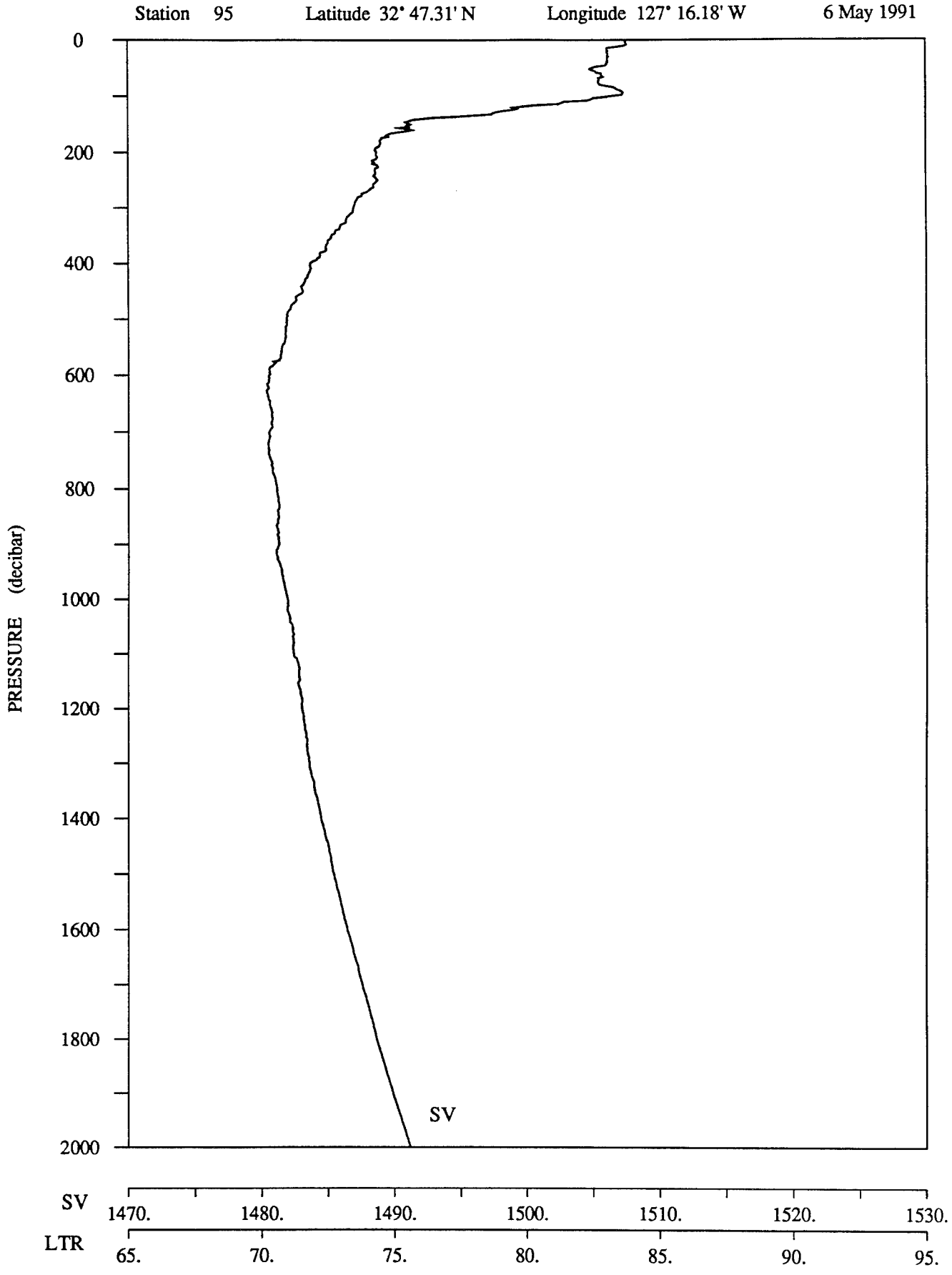
Station 95
Latitude 32° 47.31' N
Longitude 127° 16.18' W
6 May 1991
PRESSURE (decibar)
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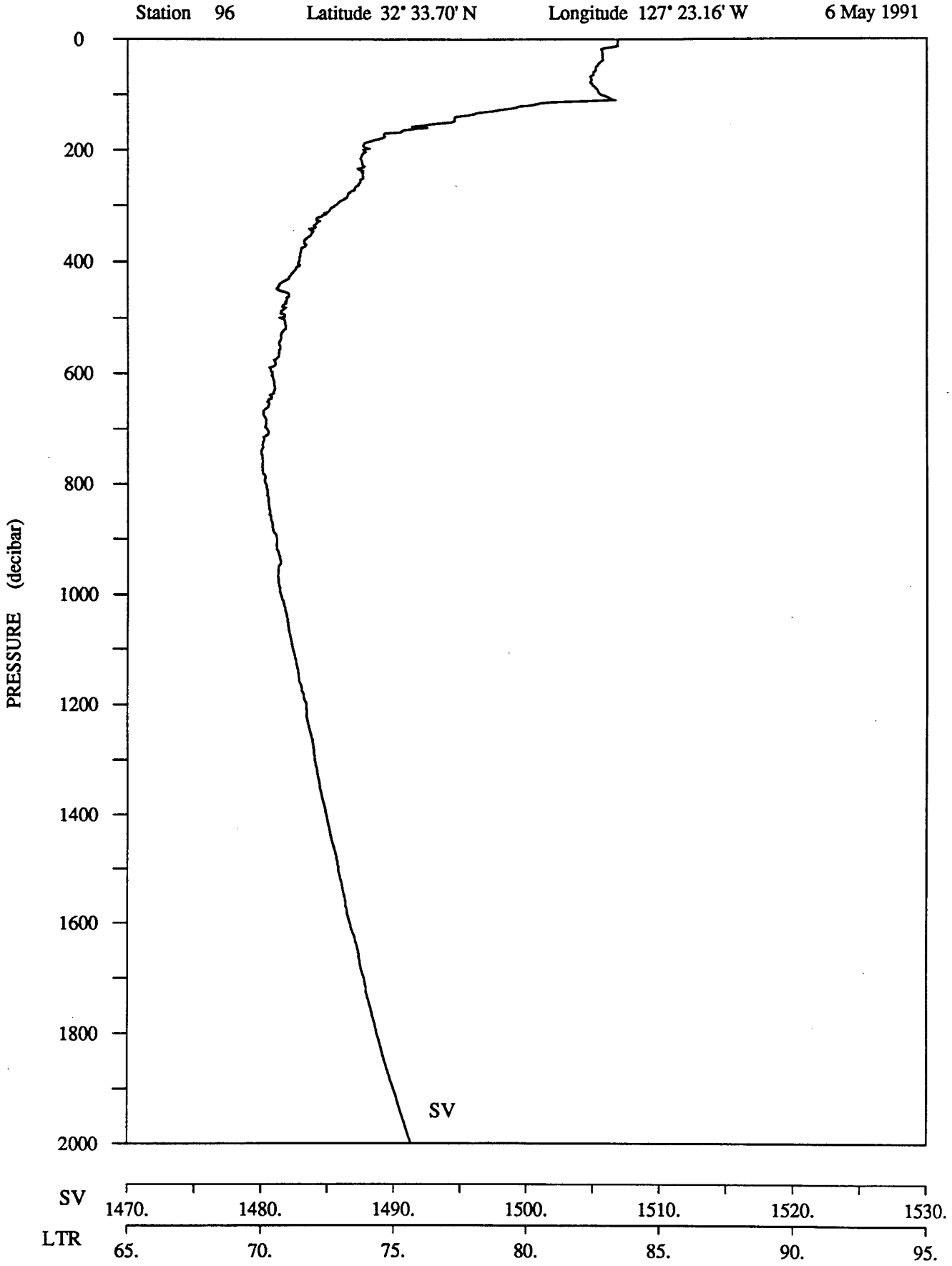
Station 96
Latitude 32° 33.70' N
Longitude 127° 23.16' W
6 May 1991
PRESSURE (decibar)
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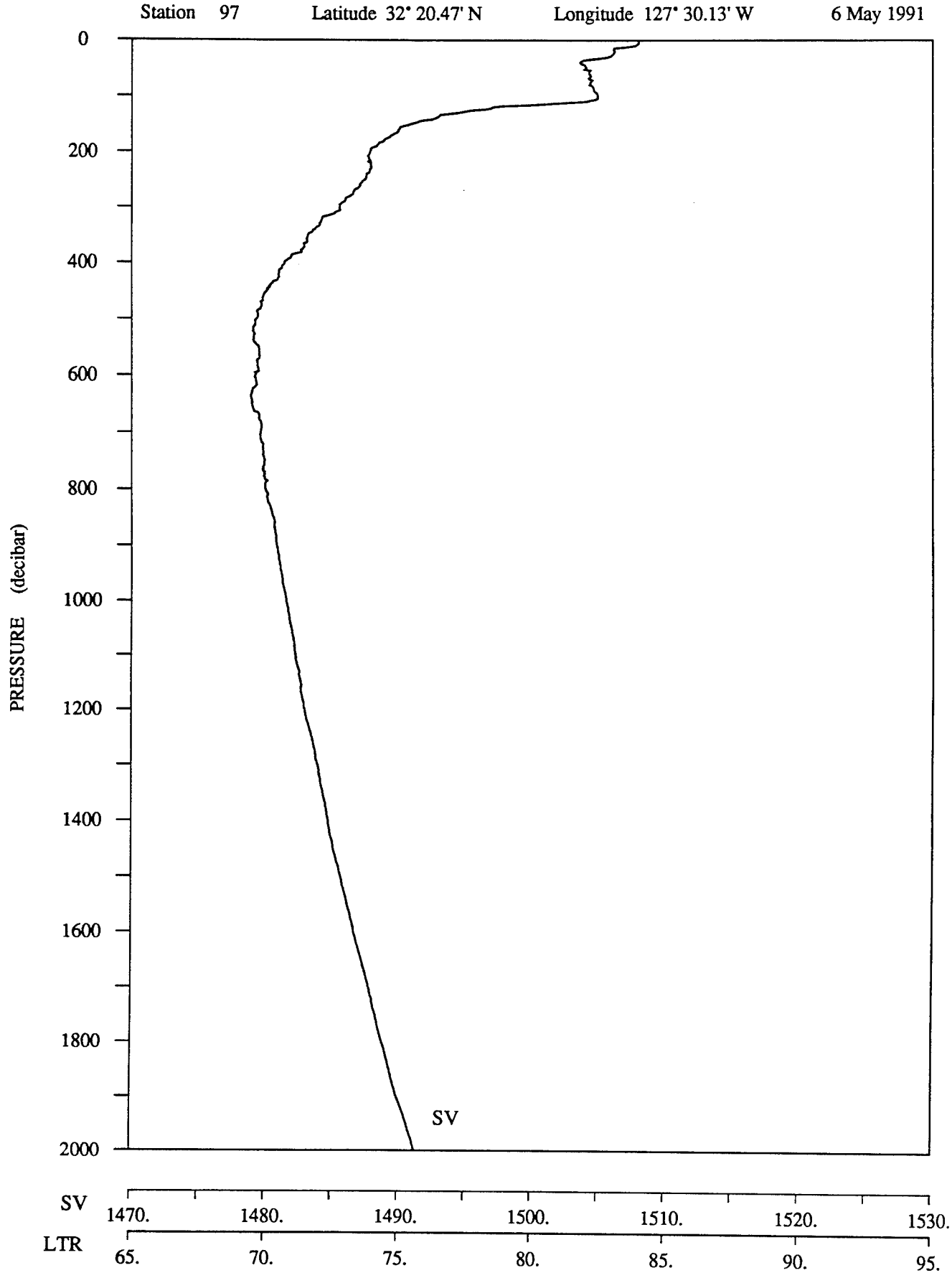
Station 97
Latitude 32° 20.47' N
Longitude 127° 30.13' W
6 May 1991
PRESSURE (decibar)
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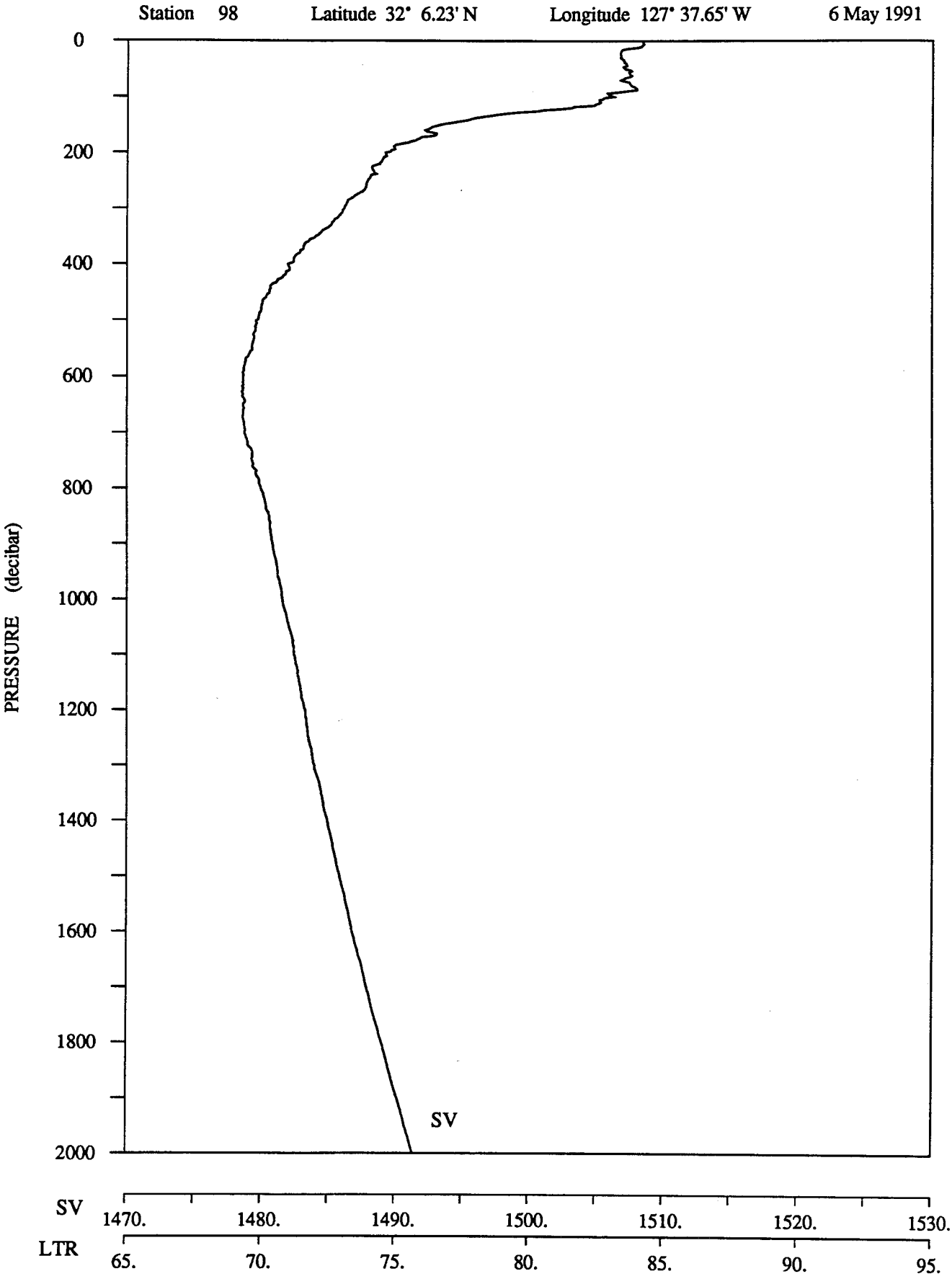
Station 98
Latitude 32° 6.23' N
Longitude 127° 37.65' W
6 May 1991
PRESSURE (decibar)
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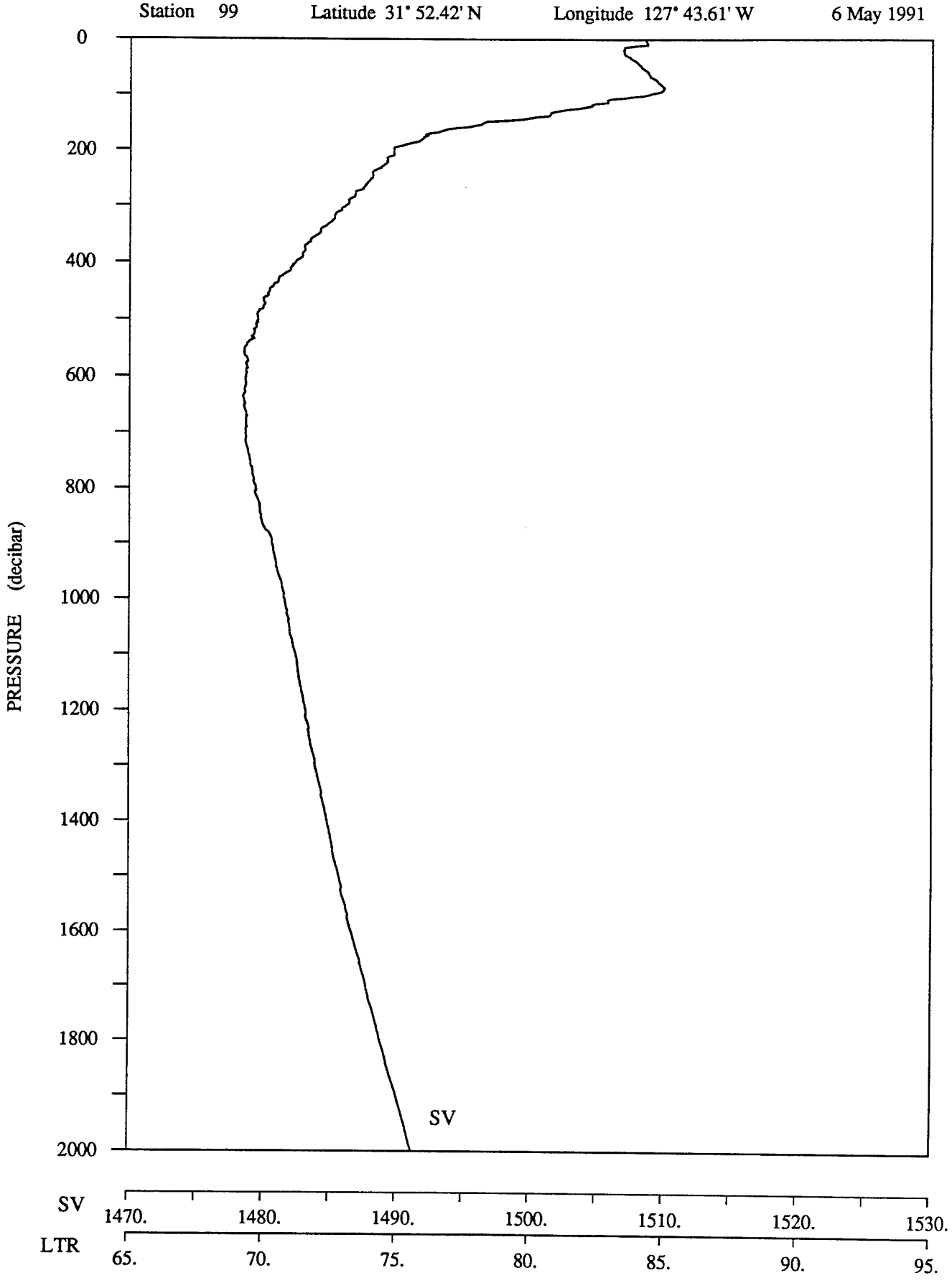
Station 99
Latitude 31° 52.42' N
Longitude 127° 43.61' W
6 May 1991
PRESSURE (decibar)
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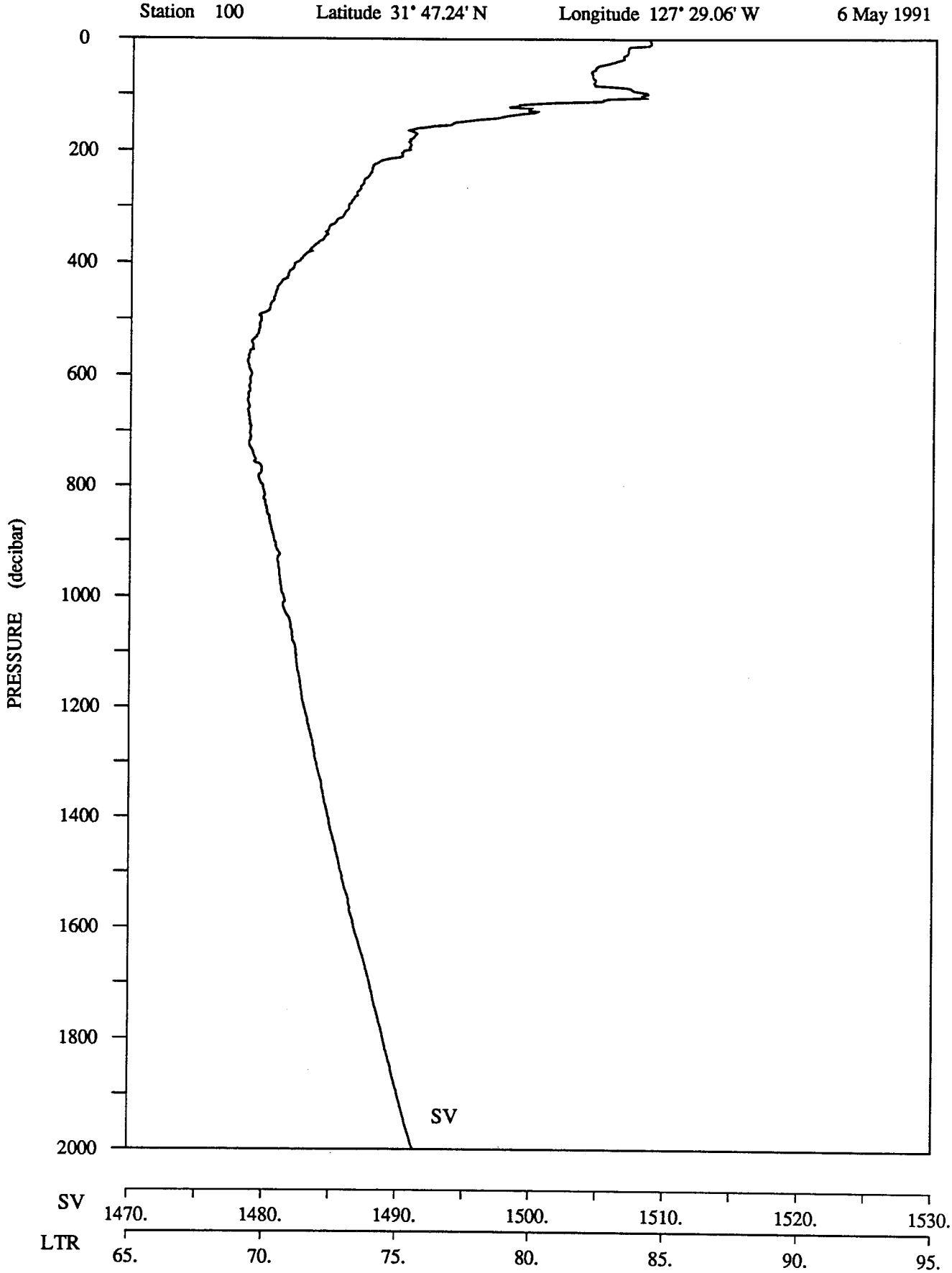
Station 100
Latitude 31° 47.24' N
Longitude 127° 29.06' W
6 May 1991
PRESSURE (decibar)
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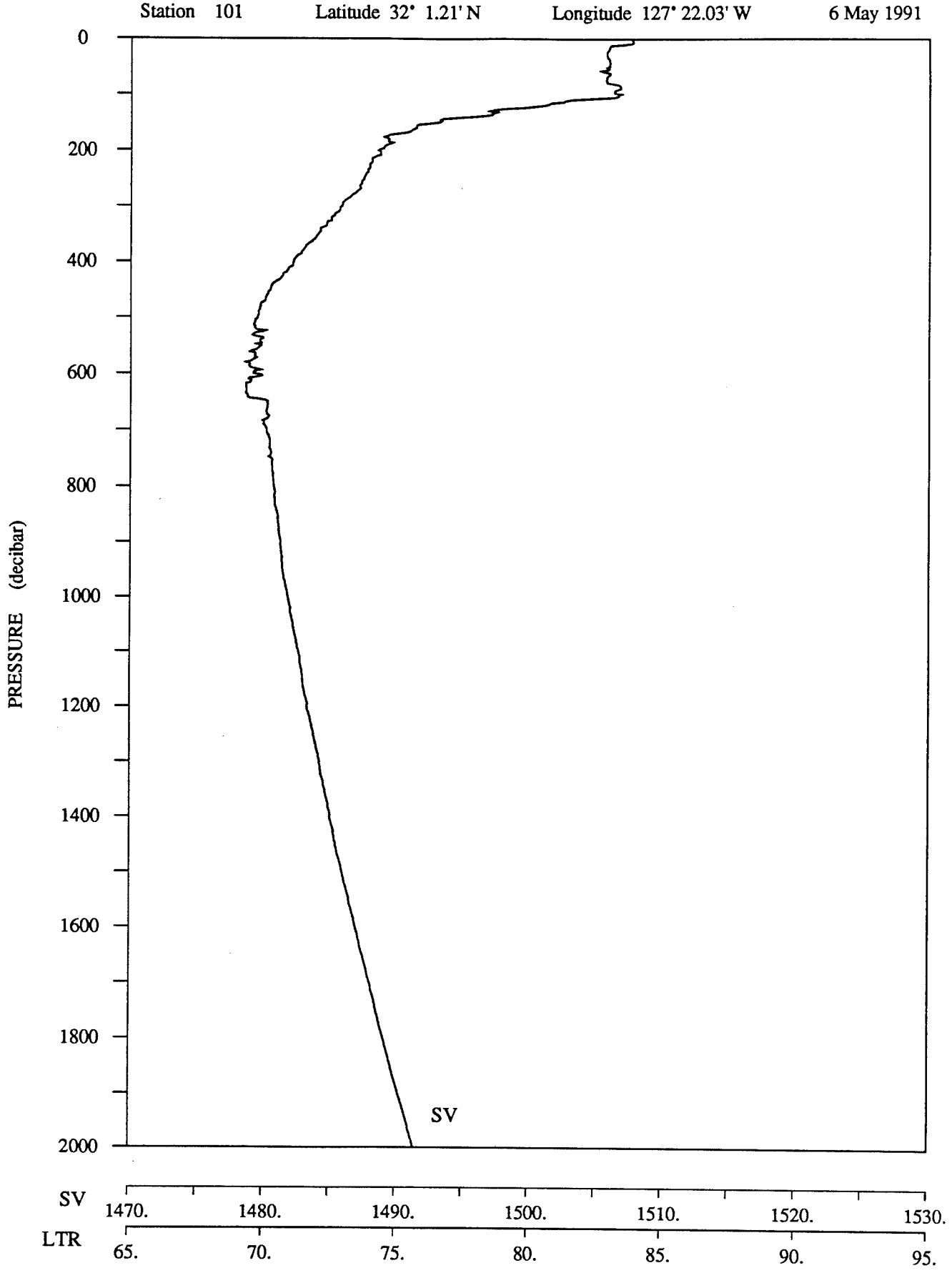
Station 101
Latitude 32° 1.21' N
Longitude 127° 22.03' W
6 May 1991
PRESSURE (decibar)
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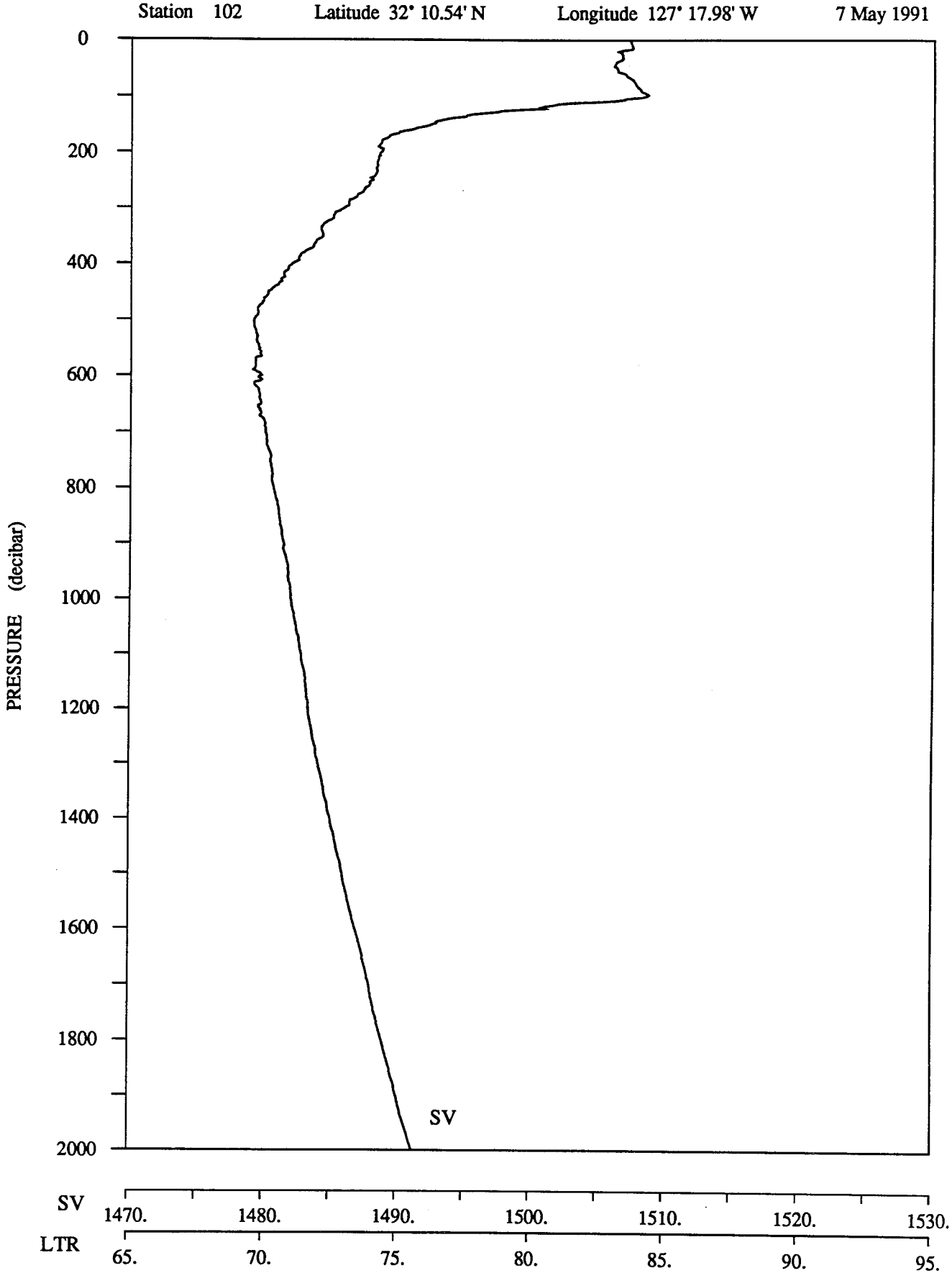
Station 102
Latitude 32° 10.54' N
Longitude 127° 17.98' W
7 May 1991
PRESSURE (decibar)
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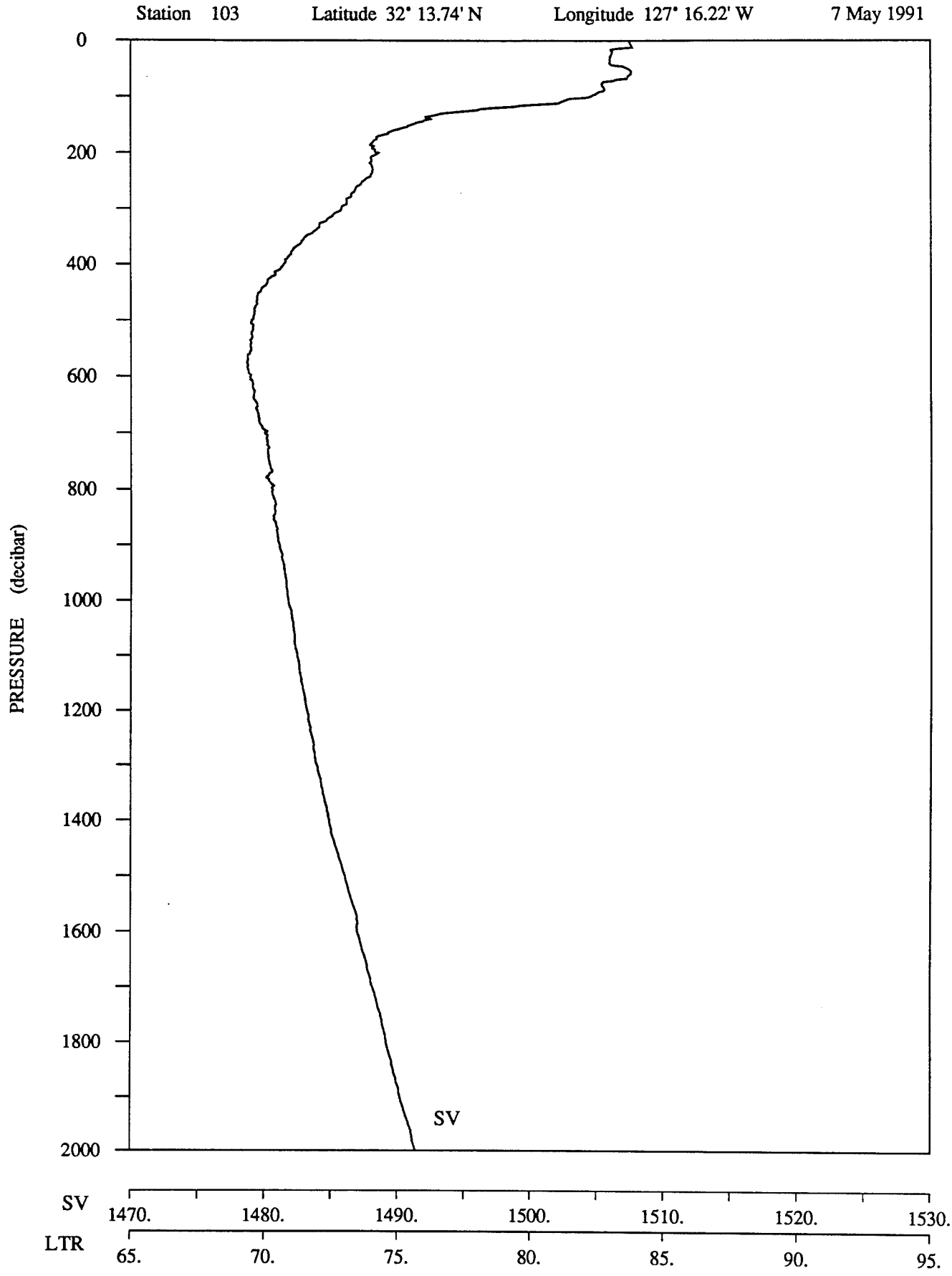
Station 103
Latitude 32° 13.74' N
Longitude 127° 16.22' W
7 May 1991
PRESSURE (decibar)
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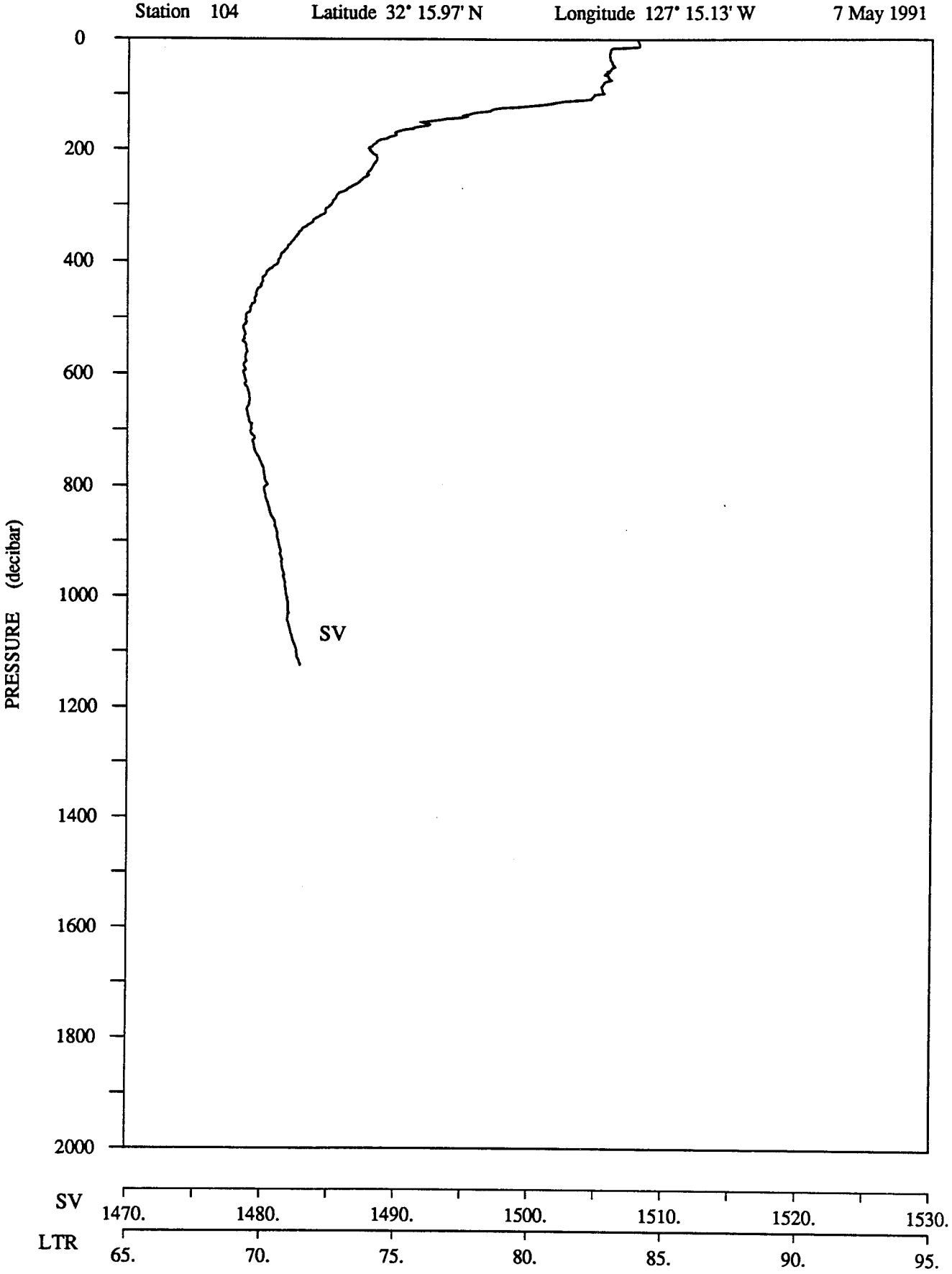
Station 104
Latitude 32° 15.97' N
Longitude 127° 15.13' W
7 May 1991
PRESSURE (decibar)
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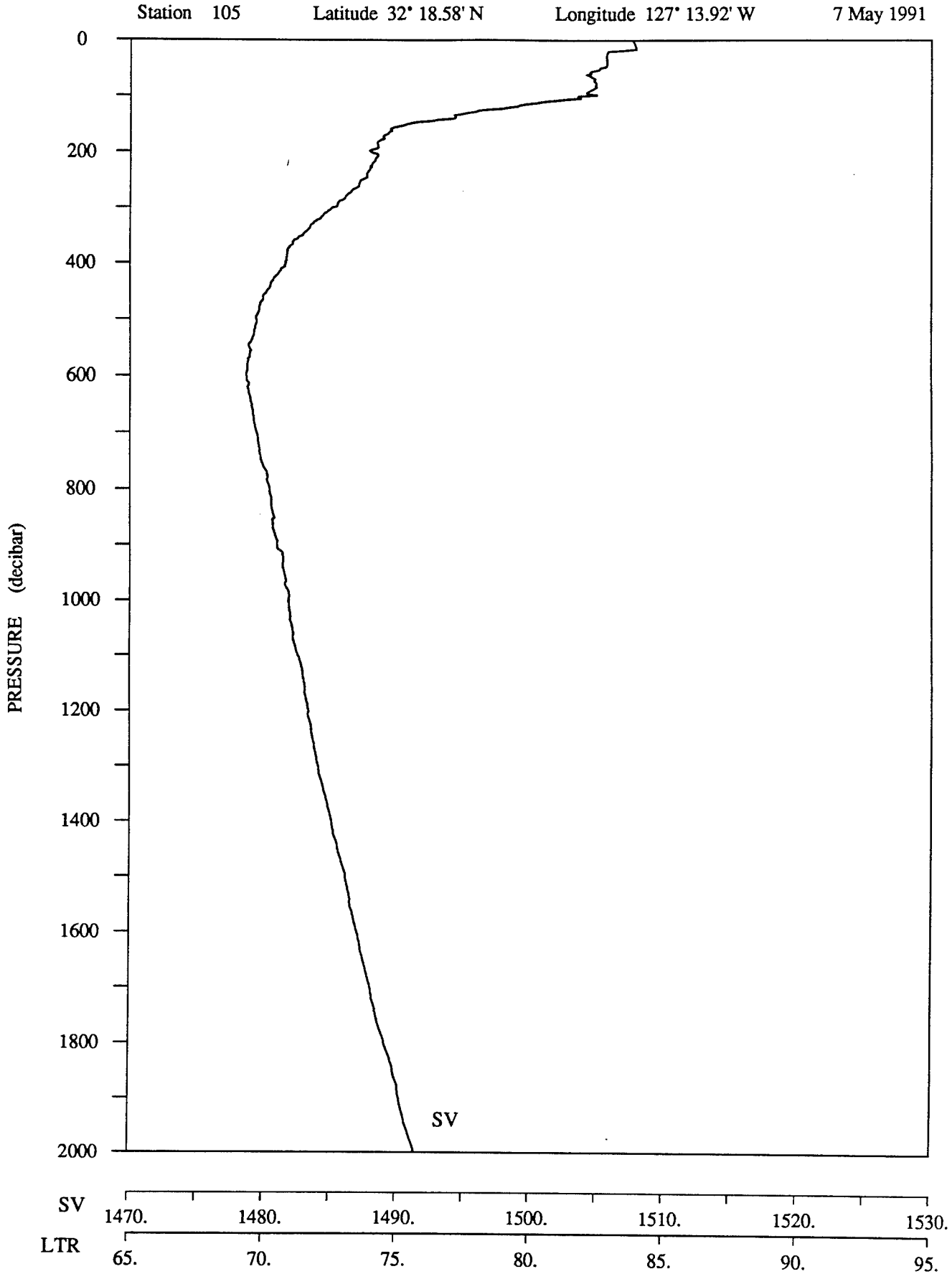
Station 105
Latitude 32° 18.58' N
Longitude 127° 13.92' W
7 May 1991
PRESSURE (decibar)
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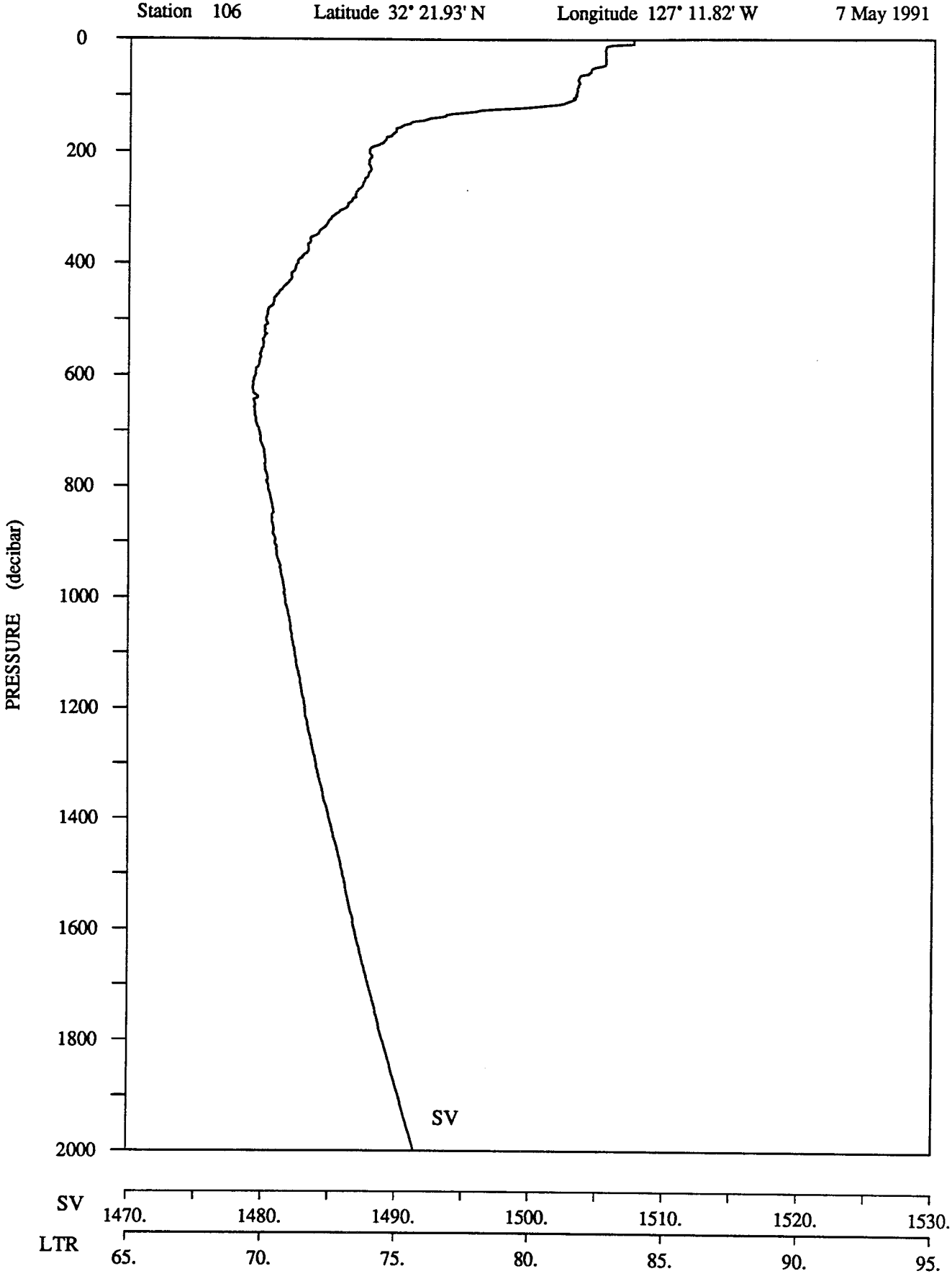
Station 106
Latitude 32° 21.93' N
Longitude 127° 11.82' W
7 May 1991
PRESSURE (decibar)
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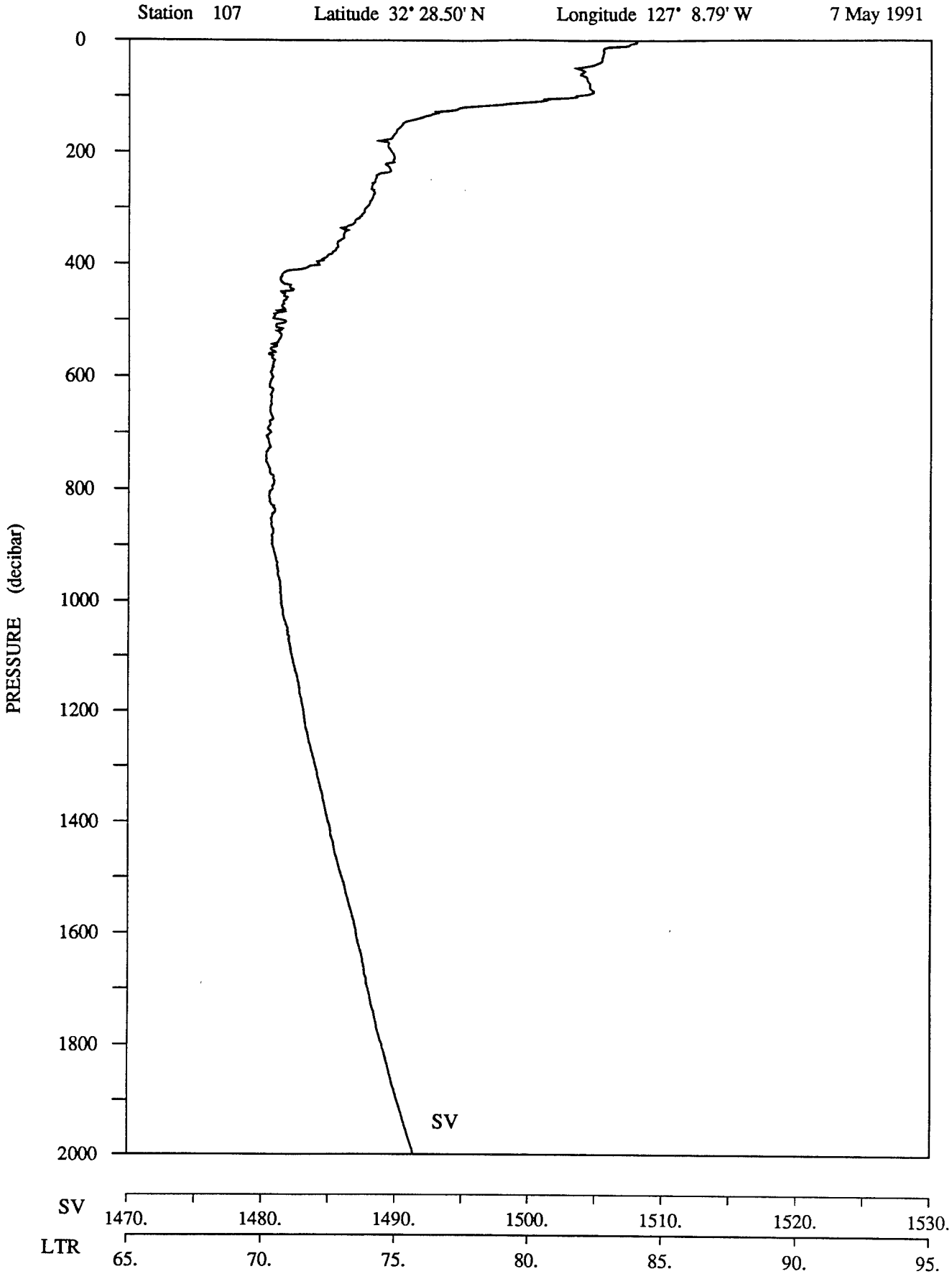
Station 107
Latitude 32° 28.50' N
Longitude 127° 8.79' W
7 May 1991
PRESSURE (decibar)
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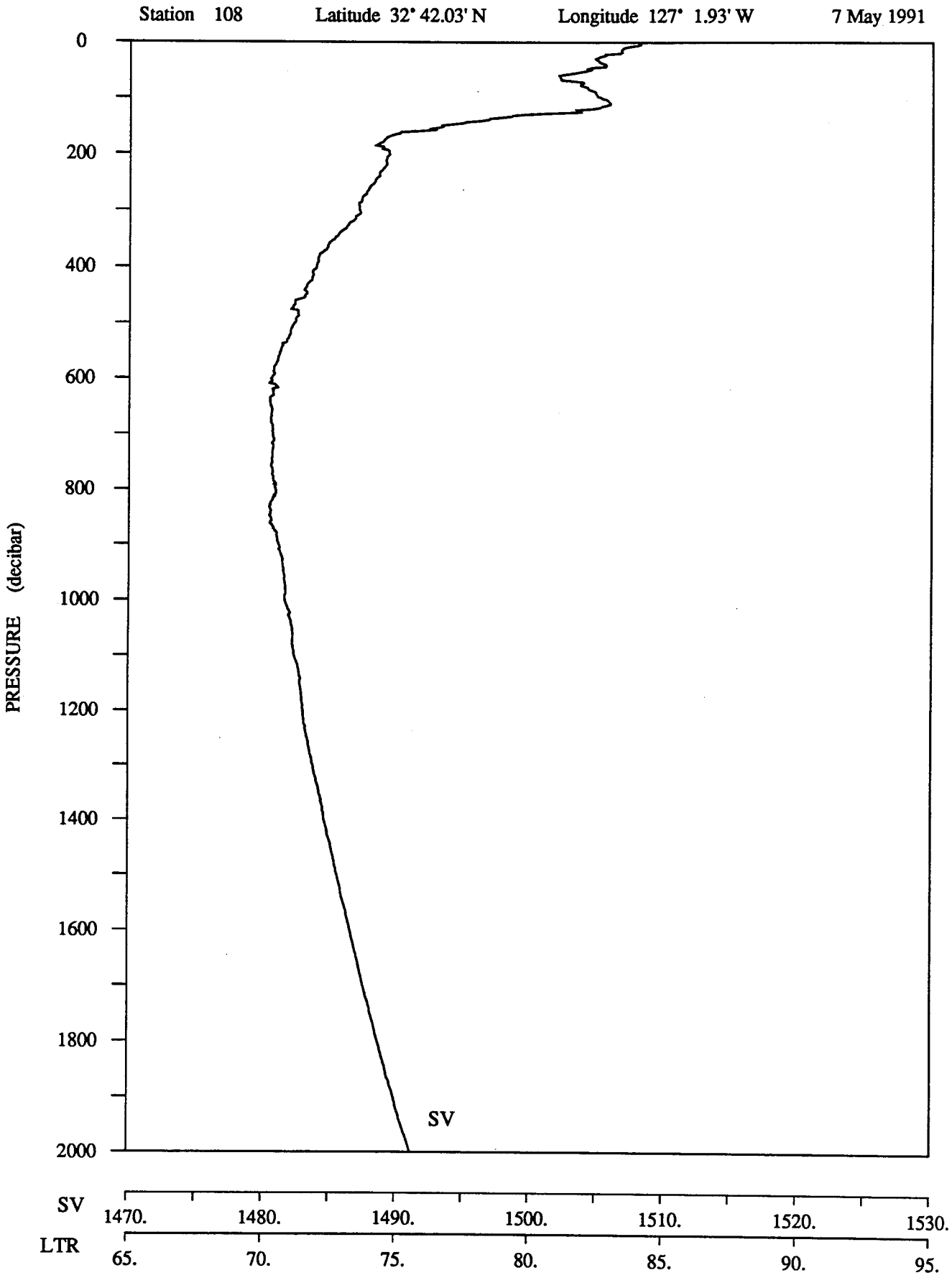
Station 108
Latitude 32° 42.03' N
Longitude 127° 1.93' W
7 May 1991
PRESSURE (decibar)
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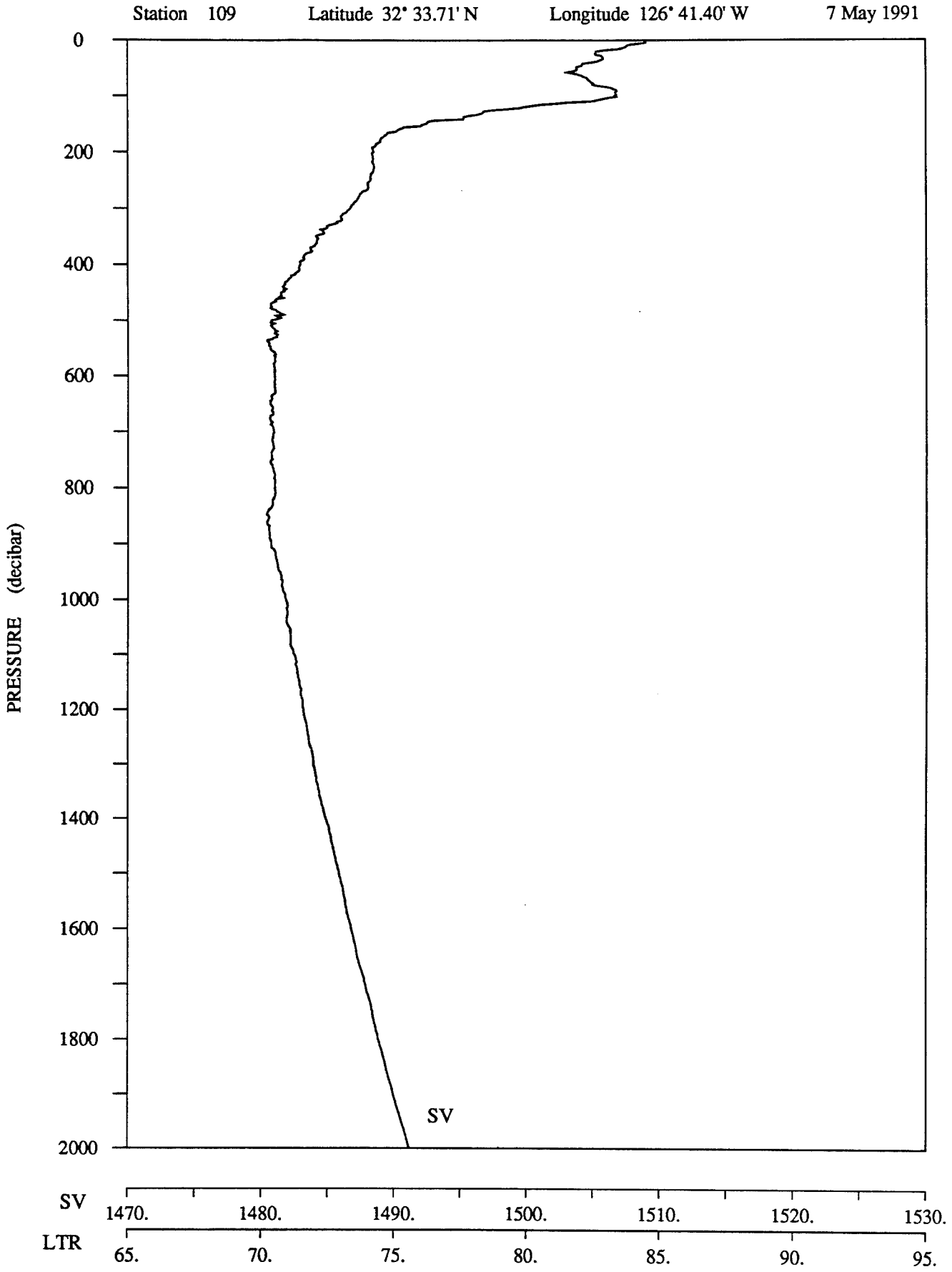
Station 109
Latitude 32° 33.71' N
Longitude 126° 41.40' W
7 May 1991
PRESSURE (decibar)
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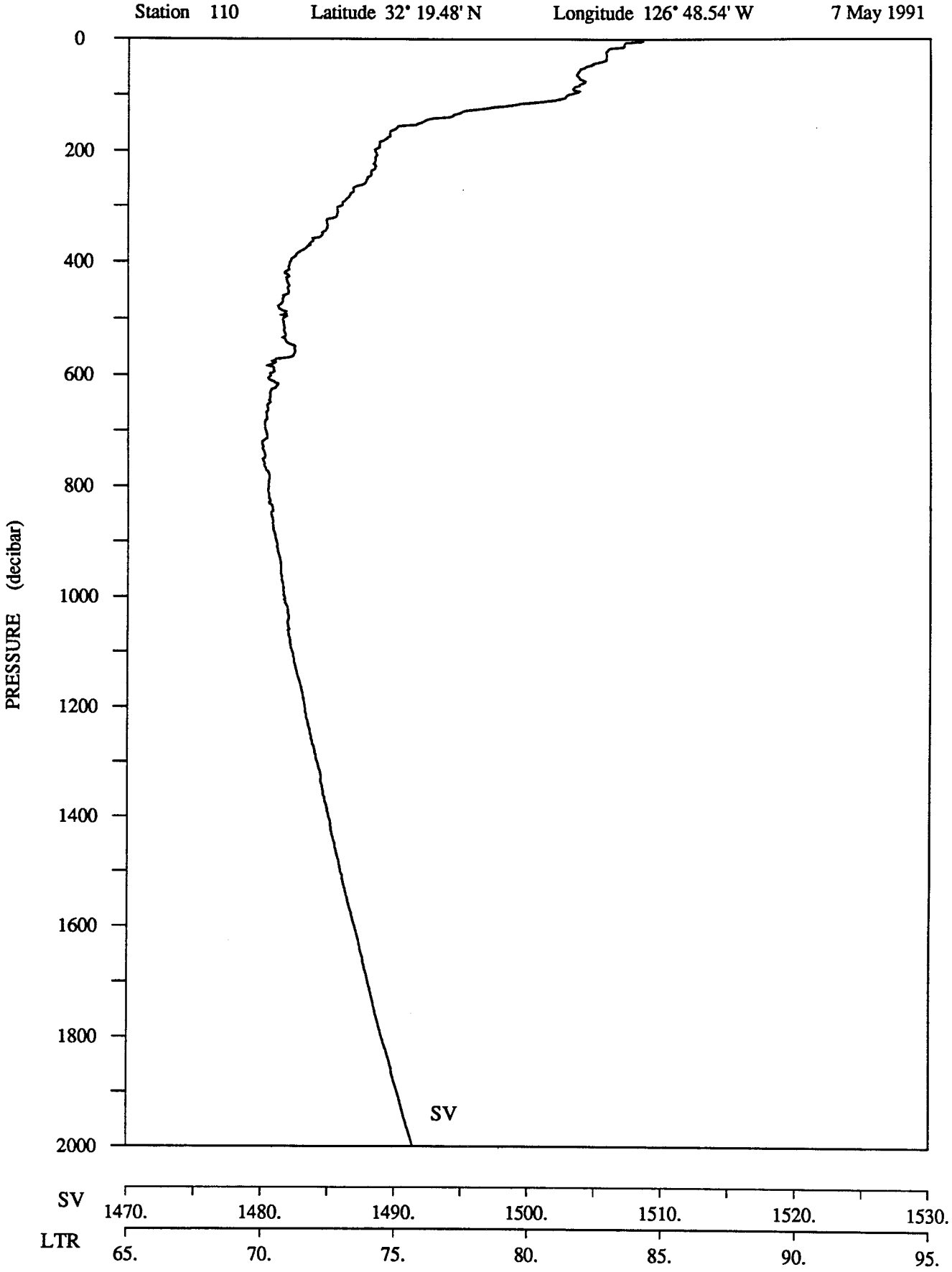
Station 110
Latitude 32° 19.48' N
Longitude 126° 48.54' W
7 May 1991
PRESSURE (decibar)
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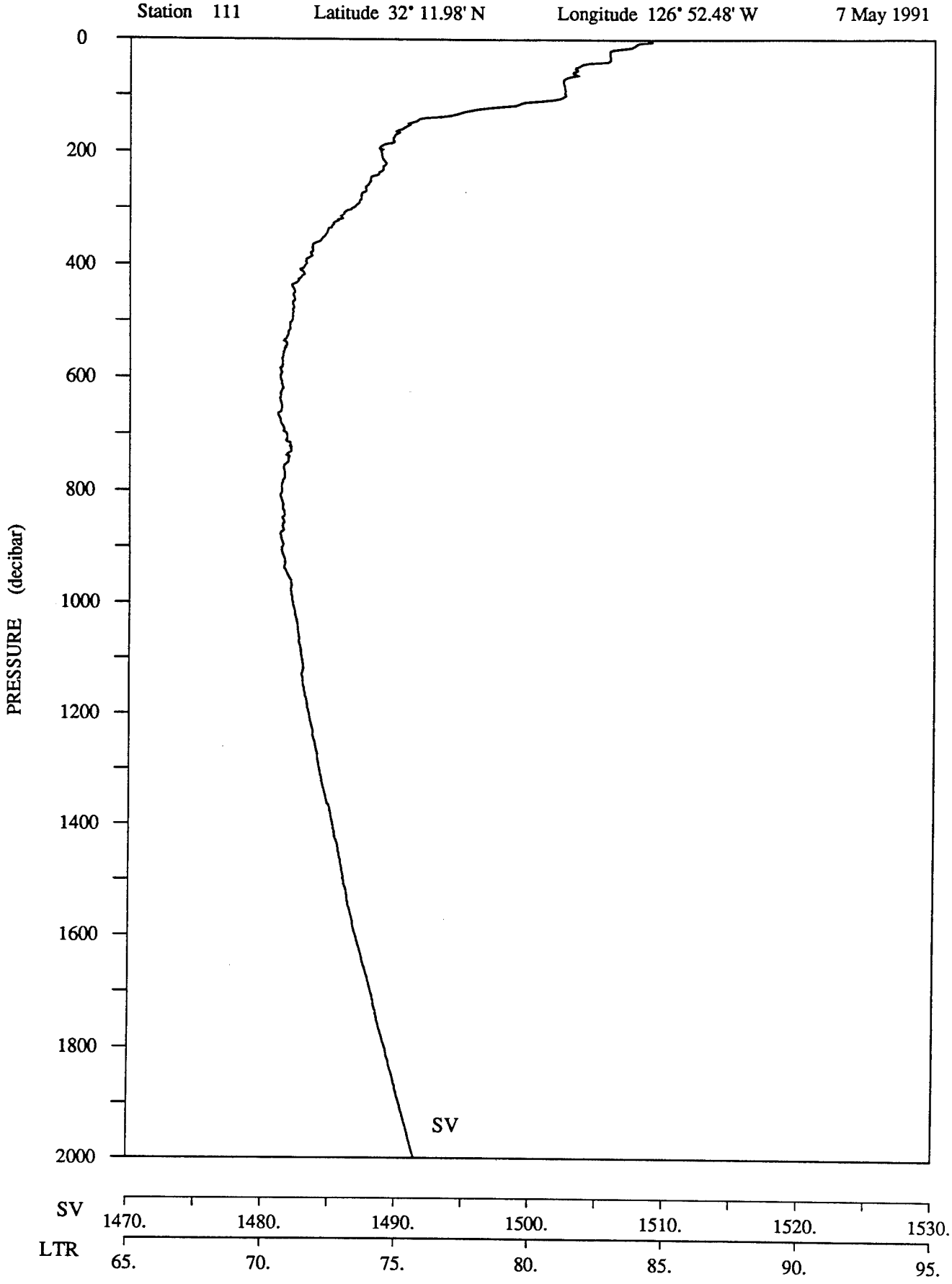
Station 111
Latitude 32° 11.98' N
Longitude 126° 52.48' W
7 May 1991
PRESSURE (decibar)
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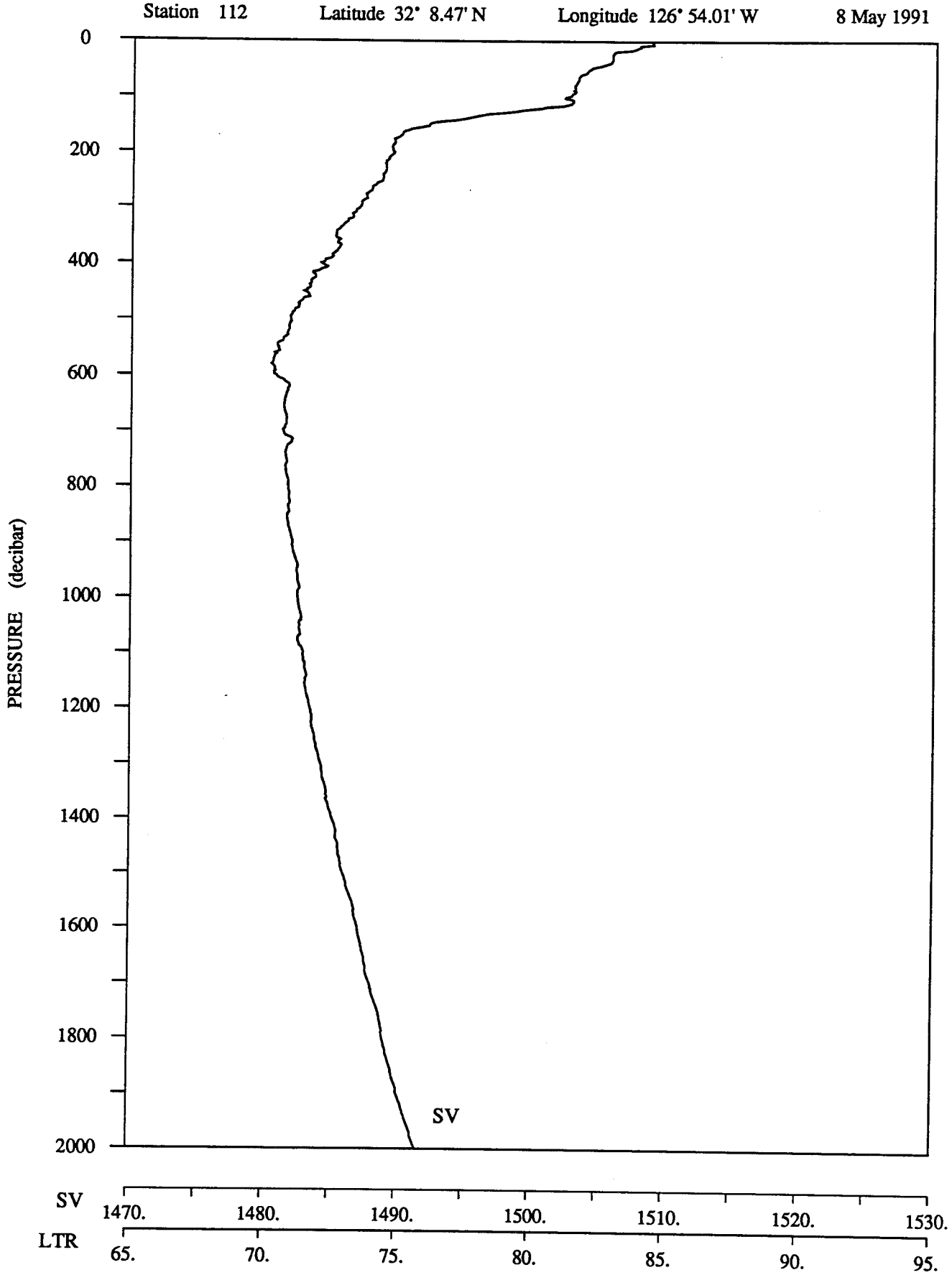
Station 112
Latitude 32° 8.47' N
Longitude 126° 54.01' W
8 May 1991
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PRESSURE (decibar)
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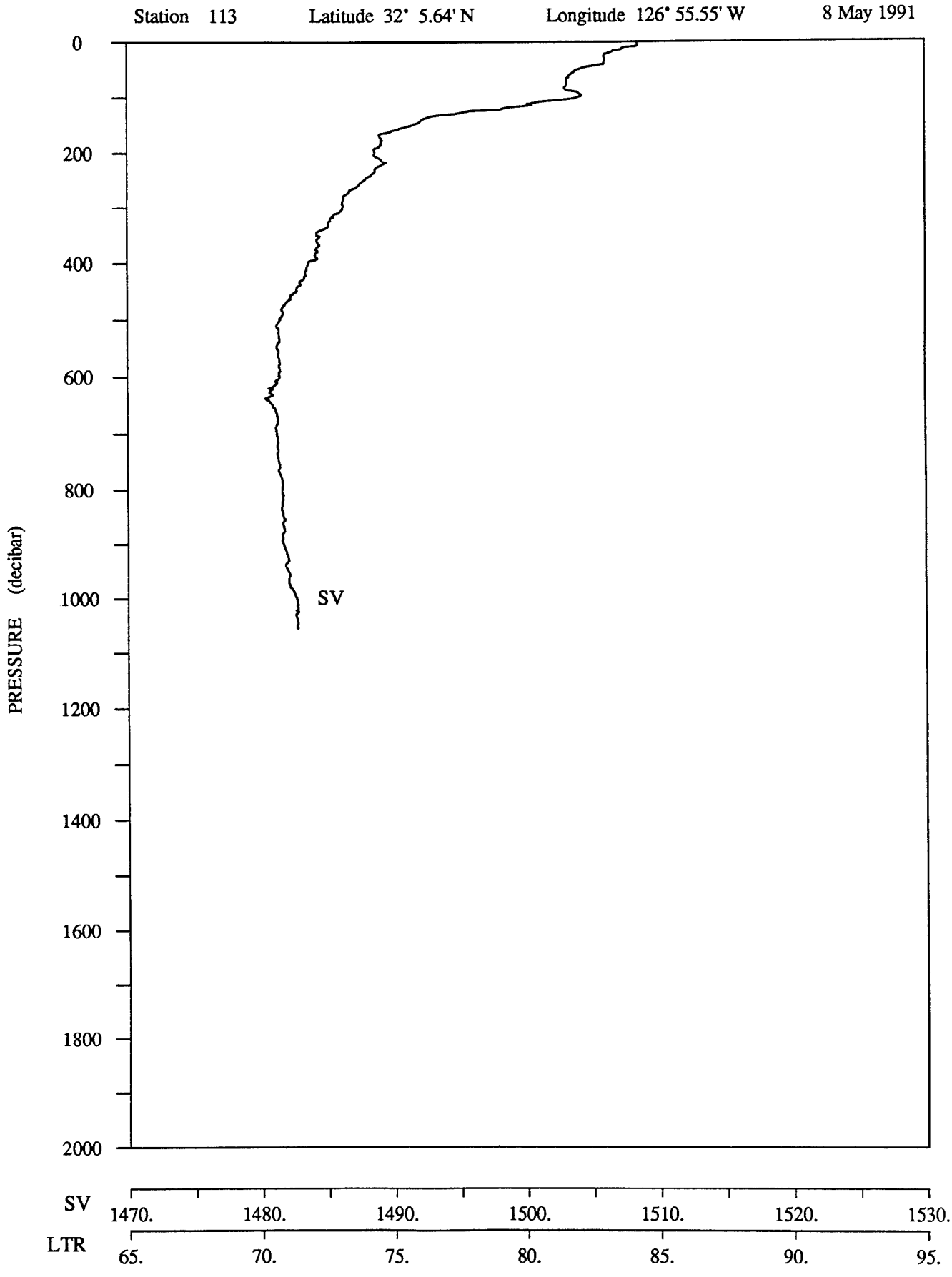
Station 113
Latitude 32° 5.64' N
Longitude 126° 55.55' W
8 May 1991
PRESSURE (decibar)
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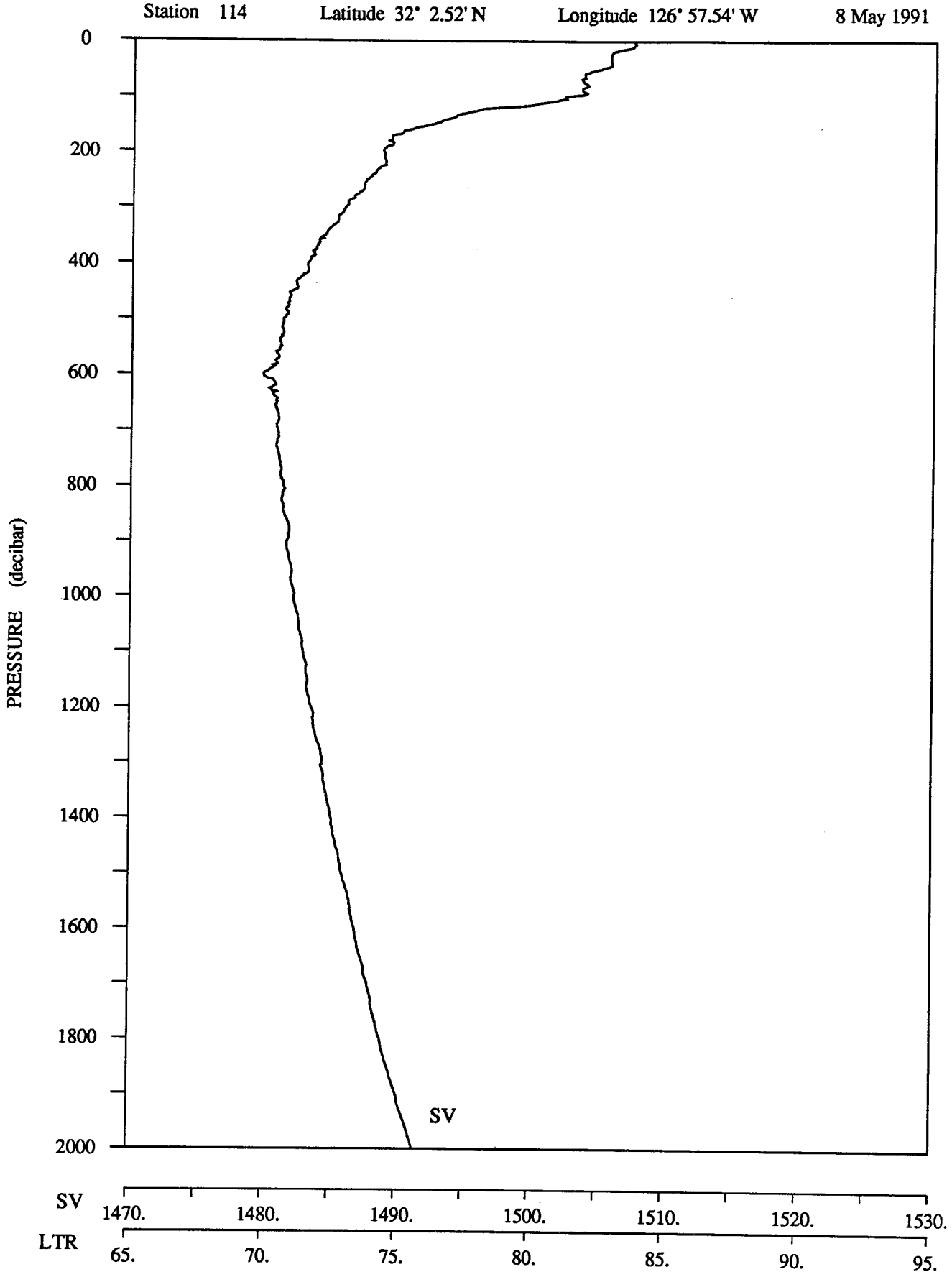
Station 114
Latitude 32° 2.52' N
Longitude 126° 57.54' W
8 May 1991
PRESSURE (decibar)
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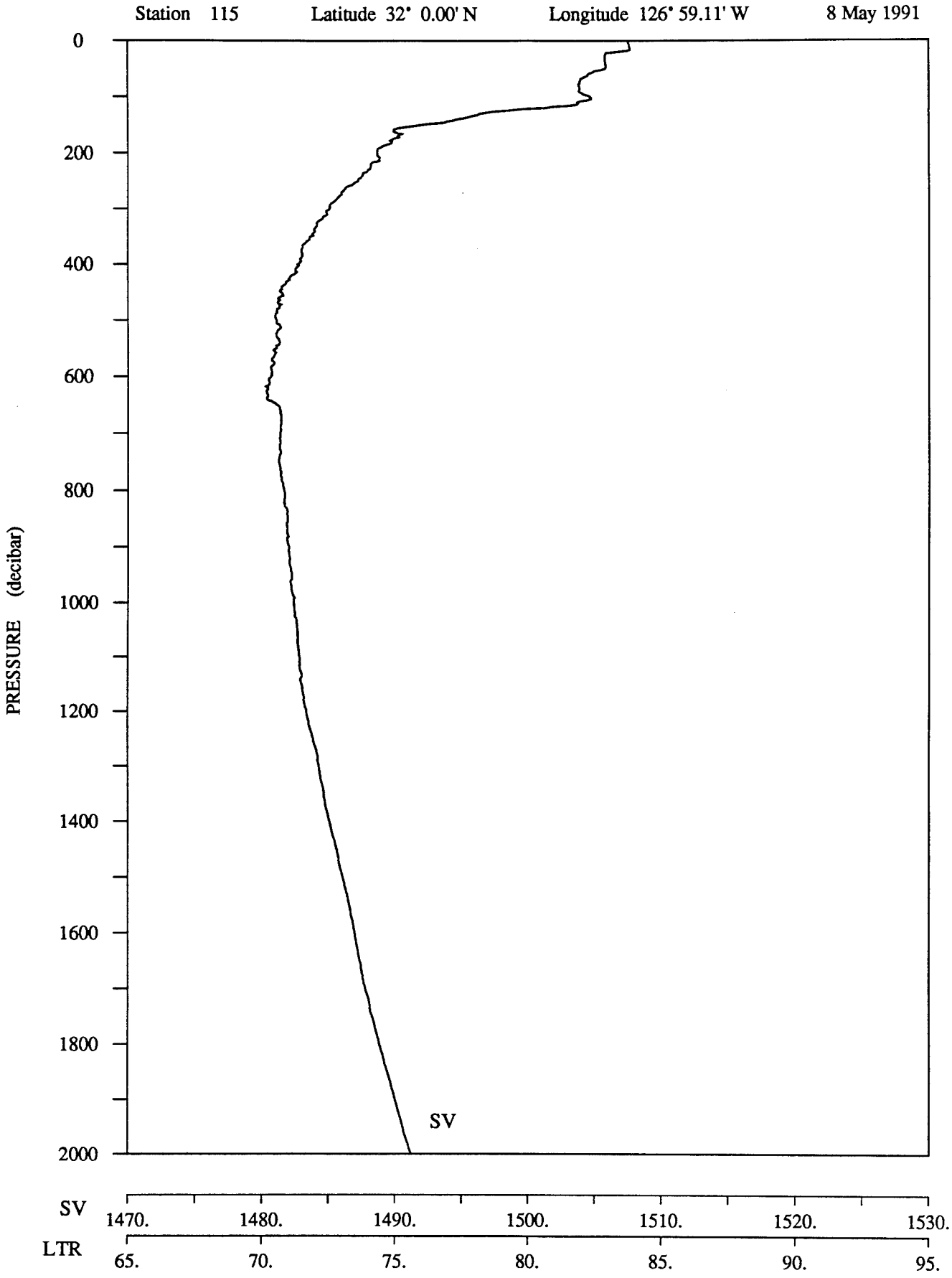
Station 115
Latitude 32° 0.00' N
Longitude 126° 59.11' W
8 May 1991
PRESSURE (decibar)
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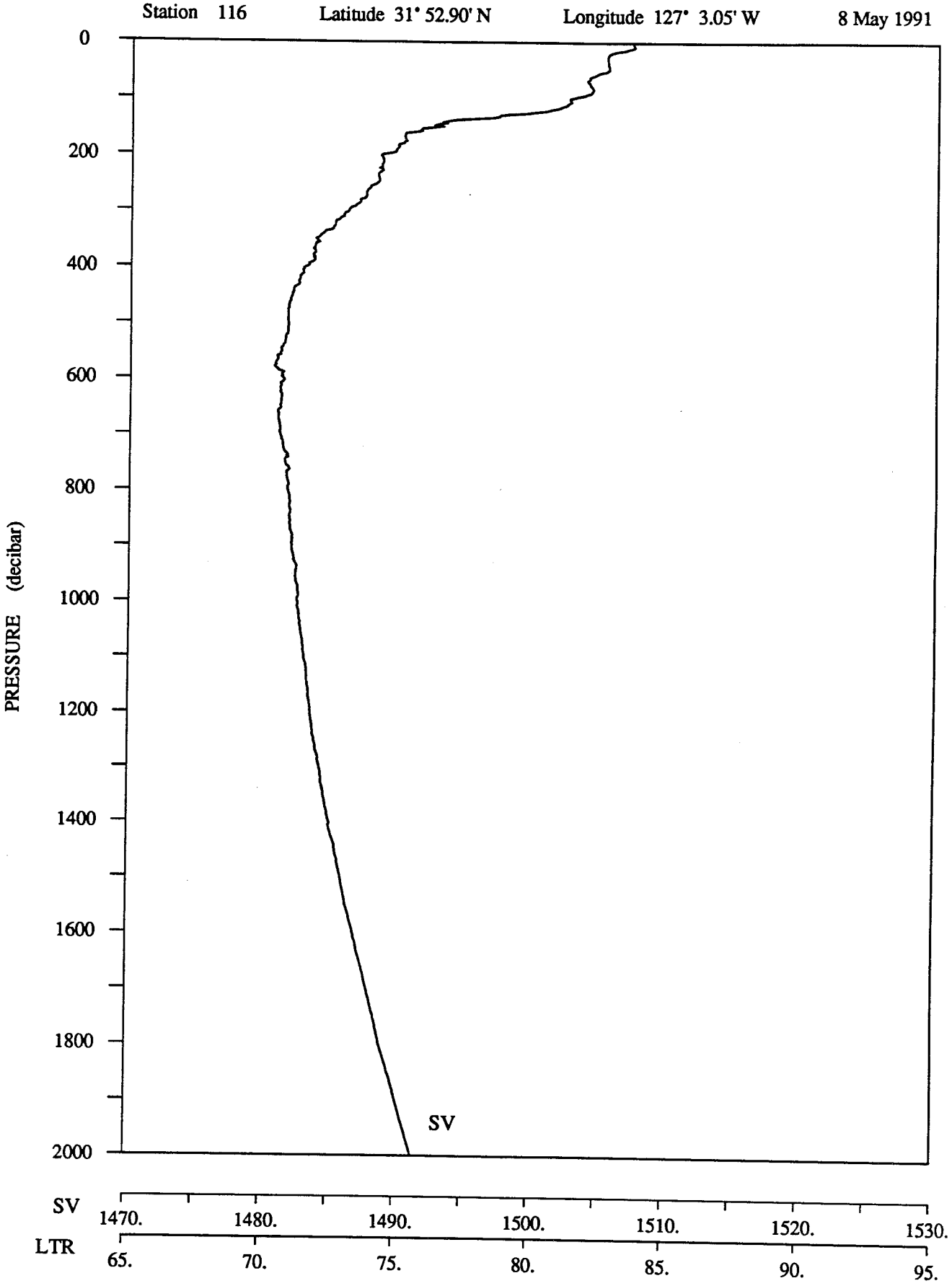
Station 116
Latitude 31° 52.90' N
Longitude 127° 3.05' W
8 May 1991
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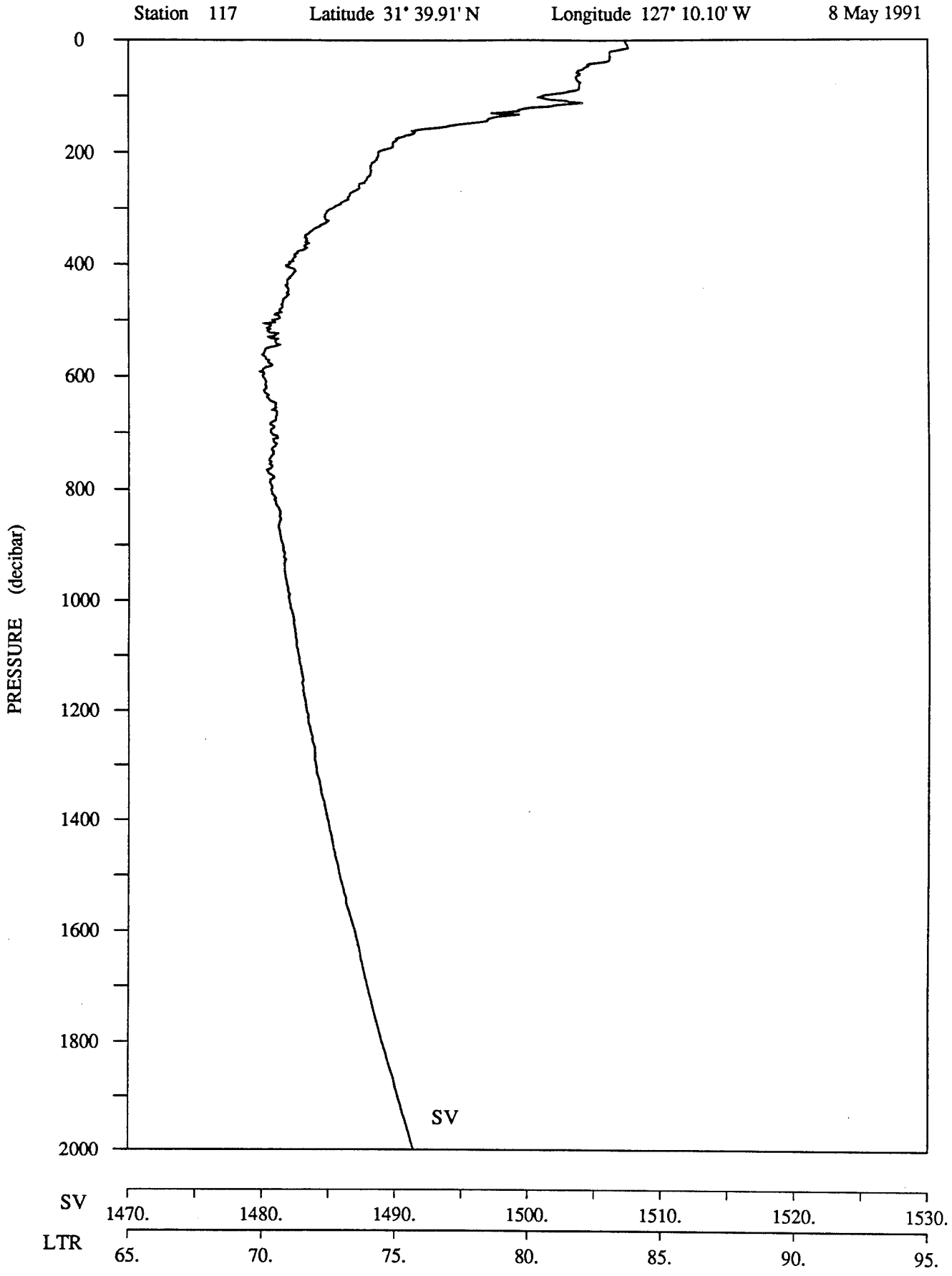
Station 117
Latitude 31° 39.91' N
Longitude 127° 10.10' W
8 May 1991
PRESSURE (decibar)
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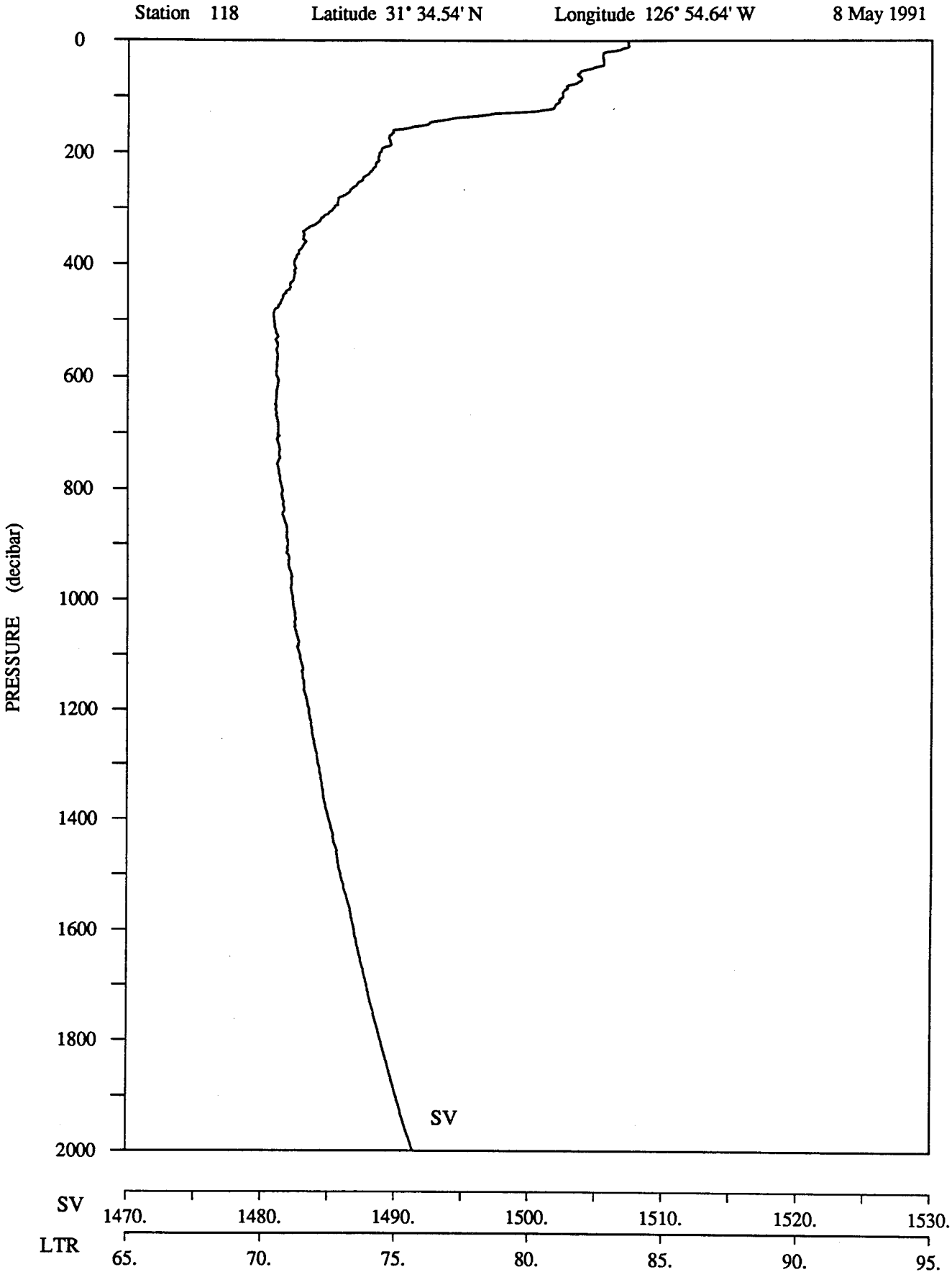
Station 118
Latitude 31° 34.54' N
Longitude 126° 54.64' W
8 May 1991
PRESSURE (decibar)
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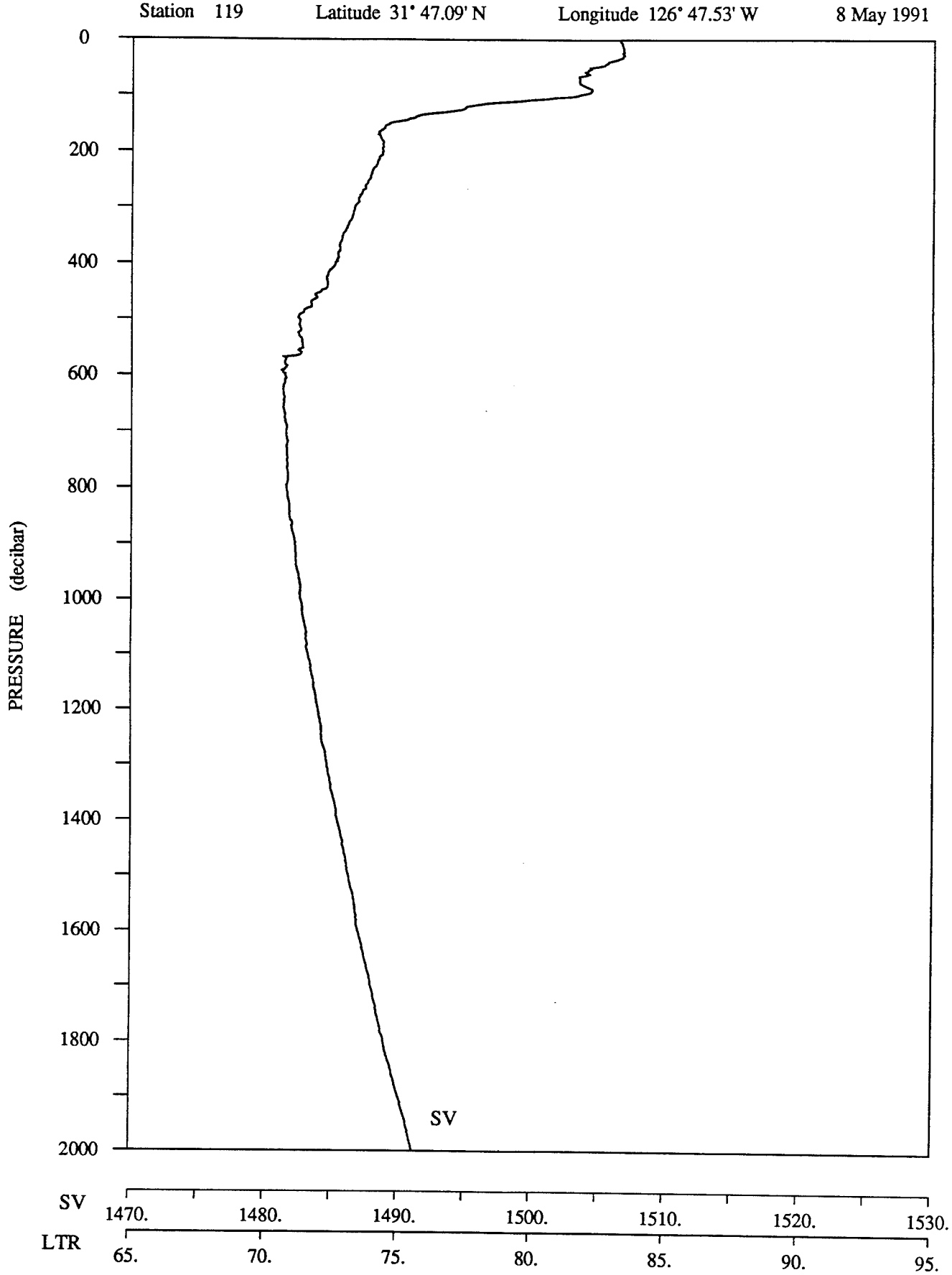
Station 119
Latitude 31° 47.09' N
Longitude 126° 47.53' W
8 May 1991
PRESSURE (decibar)
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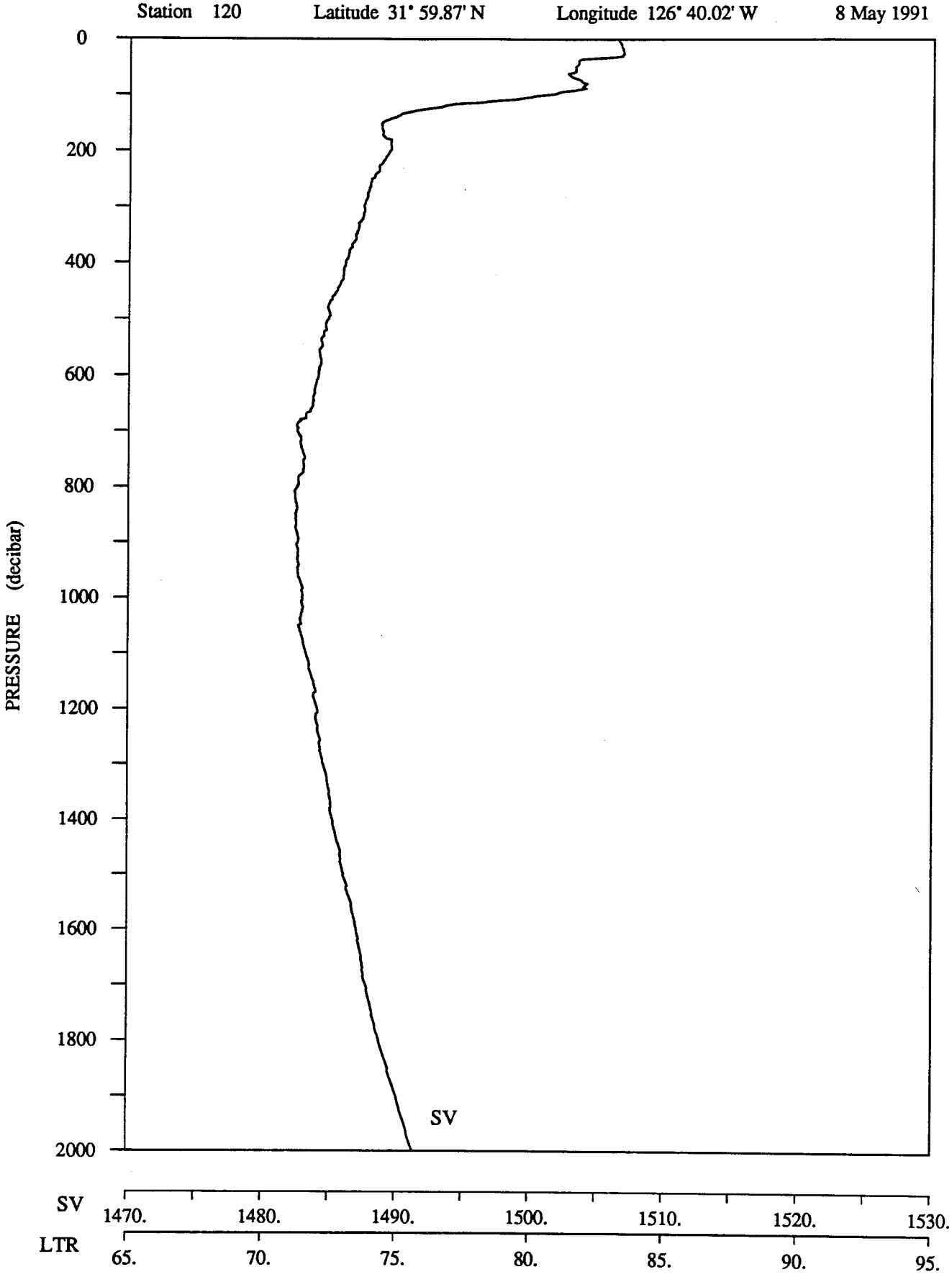
Station 120
Latitude 31° 59.87' N
Longitude 126° 40.02' W
8 May 1991
PRESSURE (decibar)
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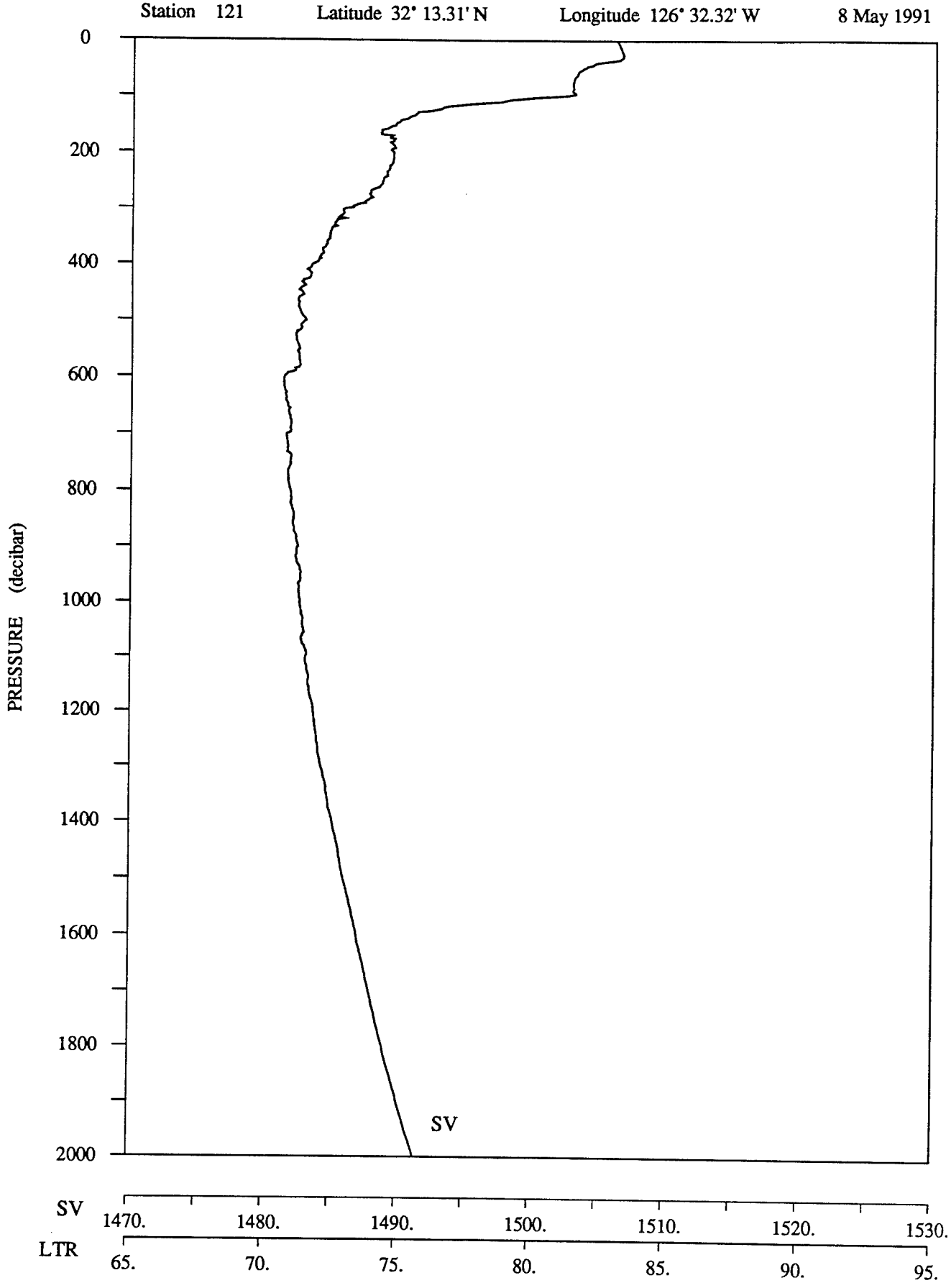
Station 121
Latitude 32° 13.31' N
Longitude 126° 32.32' W
8 May 1991
PRESSURE (decibar)
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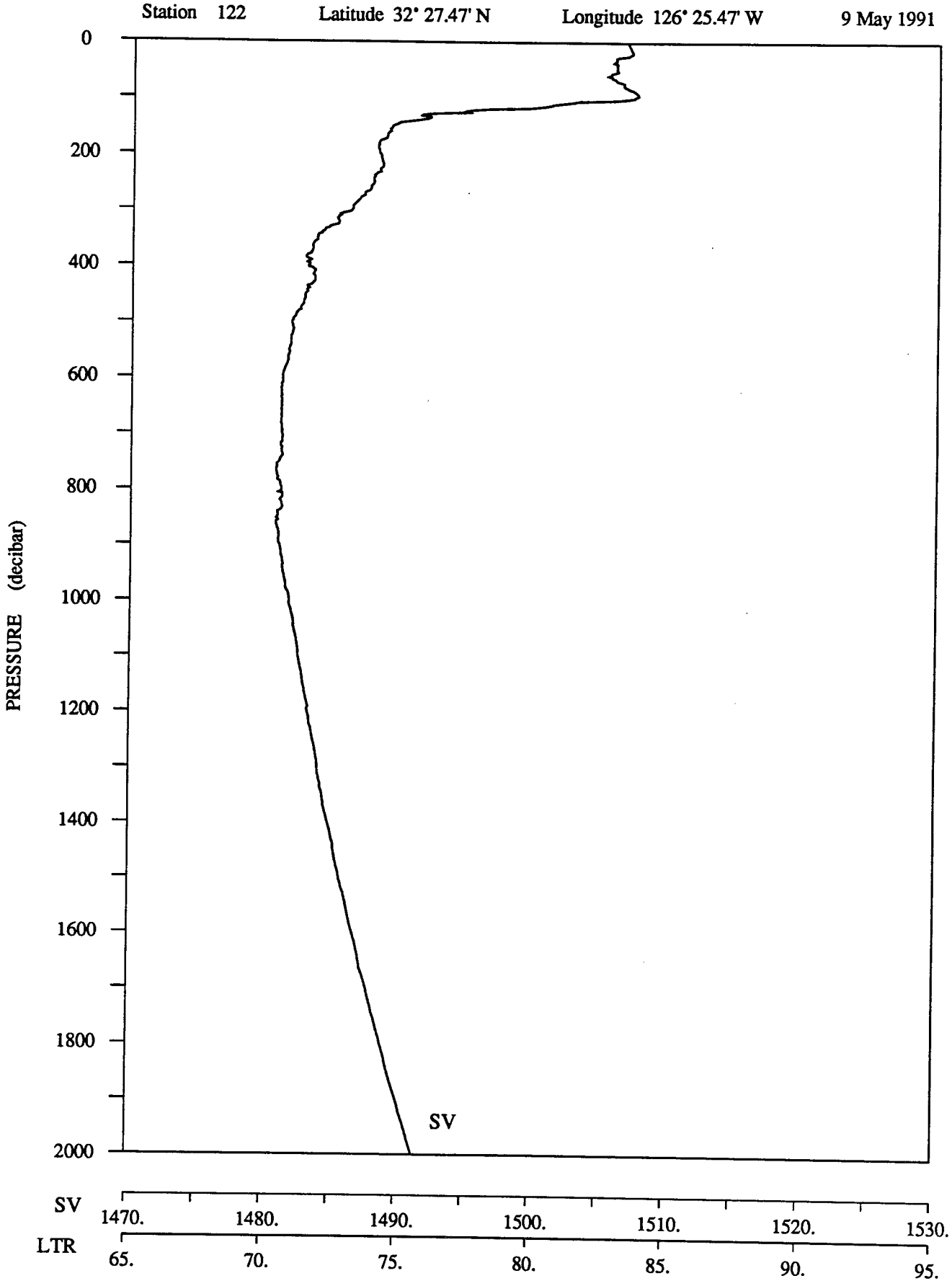
Station 122
Latitude 32° 27.47' N
Longitude 126° 25.47' W
9 May 1991
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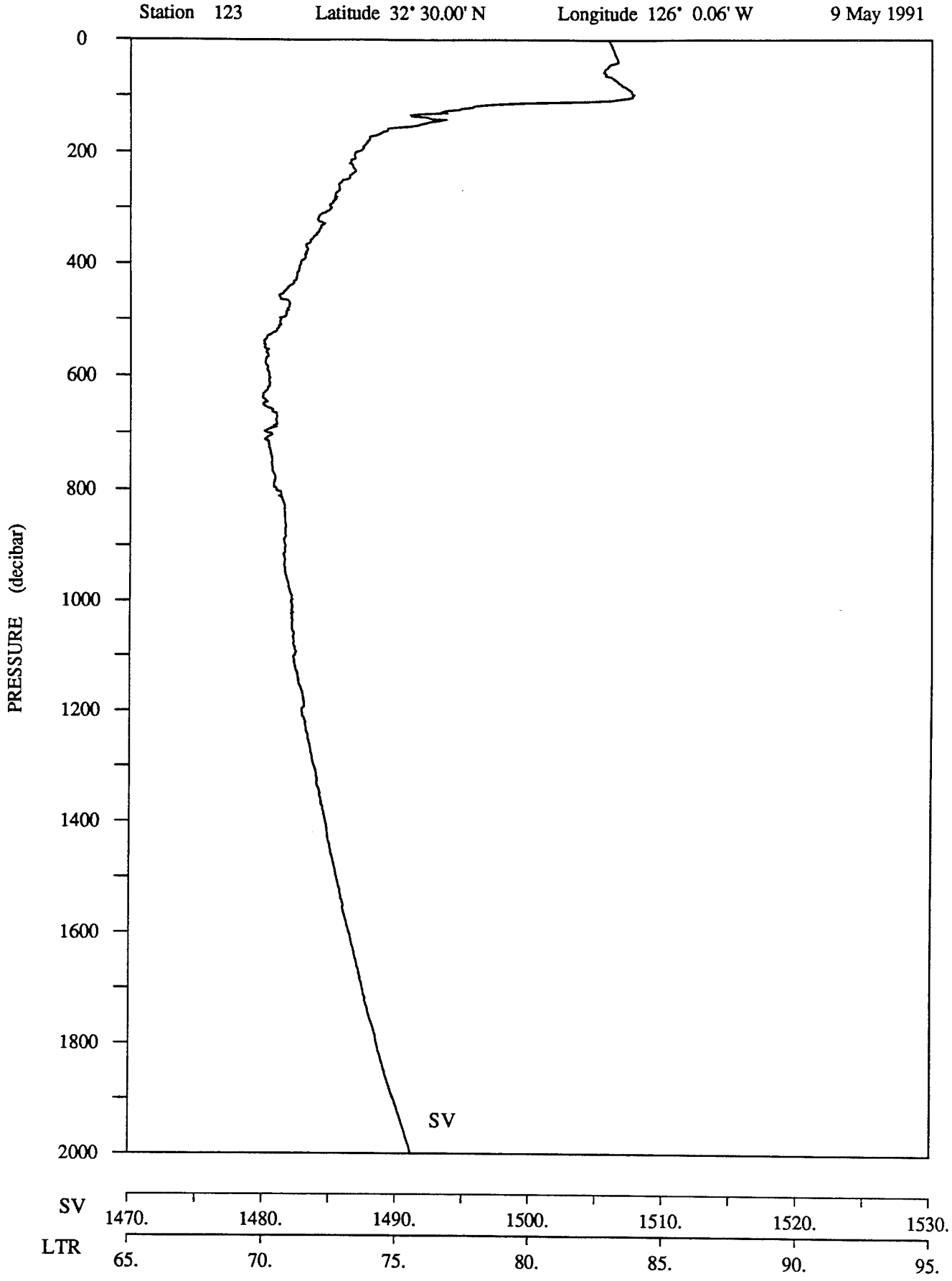
Station 123
Latitude 32° 30.00' N
Longitude 126° 0.06' W
9 May 1991
PRESSURE (decibar)
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1995 1027 058

1. Reference: DoD Directive 5230.24, Distribution Statements on Technical Documents, 18 Mar 87.

2. The Defense Technical Information Center received the enclosed report (referenced below) which is not marked in accordance with the above reference.

FINAL REPORT
N00014-89-J-1248
TITLE: NORTH PACIFIC OCEAN,
FIEBERLING SEAMOUNT

3. We request the appropriate distribution statement be assigned and the report returned to DTIC within 5 working days.

4. Approved distribution statements are listed on the reverse of this letter. If you have any questions regarding these statements, call DTIC's Cataloging Branch, (703) 274-6837.

FOR THE ADMINISTRATOR:

1 Encl

GOPALAKRISHNAN NAIR
Chief, Cataloging Branch

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The cited documents has been reviewed by competent authority and the following distribution statement is hereby authorized.

A

(Statement)

OFFICE OF NAVAL RESEARCH
CORPORATE PROGRAMS DIVISION
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ARLINGTON, VA 22217-5660

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DEBRA T. HUGHES
DEPUTY DIRECTOR
CORPORATE PROGRAMS OFFICE

19 SEP 1995

(Signature & Typed Name)

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