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MESA New York Bight Project
Expanded Water Column Characterization
Cruises (XWCC-2 and 3), NOAA Ship Researcher,
22 February - 5 March, 9-12 April, 1975

John B. Hazelworth
Michael E. Darnell

National Oceanic and Atmospheric Administration
Atlantic Oceanographic and Meteorological Laboratories
Miami, Florida
April 1976

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MESA NEW YORK BIGHT PROJECT, EXPANDED WATER COLUMN
CHARACTERIZATION CRUISES (XWCC-2 AND 3), NOAA SHIP RESEARCHER,
22 FEBRUARY - 5 MARCH, 9-12 APRIL 1975

John B. Hazelworth
Michael E. Darnell

During Spring 1975, two oceanographic cruises, denoted XWCC-2 and 3, were made by the NOAA Ship Researcher in the New York Bight. Current meter arrays and bottom-mounted pressure gauges were deployed and recovered on XWCC-2. Geological oceanographic data were collected on XWCC-3. In addition, physical and chemical oceanographic data were collected on both cruises. The objective of the cruises was to supply data to provide a base for analysis of the water movement in the highly impacted ecosystem. This report presents the corrected water column data from these two cruises and preliminary descriptive analysis.

Key Words: MESA, New York Bight, Physical Oceanographic data.

1. INTRODUCTION

This report is a continuation in the Marine Ecosystem Analysis (MESA) program's series of publications presenting oceanographic data from the New York Bight. In February - March and April of 1975, two cruises of 76 and 28 stations, respectively, were conducted by NOAA's Atlantic Oceanographic and Meteorological Laboratories (AOML), Miami, Florida, aboard the NOAA Ship Researcher.

The area of investigation was the expanded water column characterization grid covering the central shelf of the New York Bight region (Figure 1, Table 1). Instrumentation used aboard the Researcher was the same as that described in the report by Charnell, et al., (1976), namely, a Plessey Environmental Systems Model 9040 STD Profiler equipped to monitor depth, temperature and salinity, and a General Oceanics Mark V Rosette Sampler equipped with twelve, 1.7 liter Niskin bottles. Cruise dates and participating AOML staff members are listed in Table 2. Only the physical data obtained from the water column measurements are presented in this report. Chemical data were also obtained, but these will be the subject of a separate report.

The report cited above gives detailed information on instrumentation specifications, data collection methods, and data processing techniques. Corrections required to bring

Table 1.

New York Bight Station Positions Occupied
On XWCC-2 or XWCC-3

Station	Latitude	Longitude	Station	Latitude	Longitude
7	40°26.9'	73°53.0'	* 44	39°19.0'	73°14.0'
8	40°27.4'	73°47.7'	* 45	39°17.0'	73°01.0'
9	40°28.3'	73°39.6'	* 46	39°14.0'	72°45.0'
10	40°29.2'	73°31.5'	47	39°44.0'	73°57.0'
12	40°22.7'	73°52.4'	48	39°41.0'	73°46.0'
13	40°23.3'	73°47.0'	49	39°38.0'	73°34.0'
14	40°24.3'	73°38.7'	50	39°35.0'	73°22.0'
15	40°25.2'	73°30.4'	51	39°31.0'	73°07.0'
17	40°18.5'	73°51.8'	52	39°28.0'	72°52.0'
18	40°19.2'	73°46.4'	53	39°48.0'	73°22.0'
19	40°20.2'	73°37.9'	54	39°53.0'	73°35.0'
20	40°21.2'	73°29.4'	55	39°58.0'	73°45.0'
* 22	40°14.2'	73°51.2'	56	40°02.0'	73°54.0'
23	40°14.8'	73°45.6'	* 57	39°57.0'	71°52.0'
24	40°15.8'	73°37.0'	* 58	40°08.0'	71°58.0'
25	40°16.9'	73°28.3'	* 59	40°18.0'	72°04.0'
27	40°18.0'	73°17.5'	* 60	40°27.0'	72°09.0'
28	40°13.5'	73°07.0'	* 61	40°33.0'	72°13.0'
29	40°07.0'	72°54.5'	* 62	40°40.0'	72°16.0'
* 30	40°02.0'	72°41.5'	* 63	40°47.0'	72°20.0'
* 31	39°54.0'	72°25.0'	64	40°12.0'	72°20.0'
* 32	39°46.0'	72°07.0'	65	40°21.0'	72°28.0'
* 33	40°10.0'	73°41.5'	66	40°30.0'	72°34.0'
* 34	40°05.5'	73°31.5'	67	40°38.0'	72°40.0'
* 35	39°59.0'	73°21.5'	68	40°19.0'	72°46.0'
* 36	39°55.0'	73°06.5'	69	40°25.0'	72°55.0'
* 37	39°46.0'	72°57.0'	70	40°32.0'	73°07.0'
* 38	39°39.0'	72°39.5'	* 71	40°18.0'	71°41.0'
* 39	39°32.0'	72°26.0'	72	40°08.0'	73°20.0'
* 40	39°28.0'	74°06.0'	73	40°03.0'	73°07.0'
* 41	39°26.0'	73°55.5'	74	39°56.0'	72°53.0'
* 42	39°24.0'	73°43.0'	* 75	39°11.0'	72°24.5'
* 43	39°22.0'	73°30.0'	* 76	39°41.0'	71°41.0'

* Stations occupied on XWCC-3

Table 2.

Researcher Spring 1975 Cruises

Cruise XWCC-2

Cruise XWCC-3

22 February - 5 March

9-12 April

H. Mofjeld, Chief Scientist
 B. Culverhouse
 D. Mayer
 W. Krug
 N. Dargett
 K. Jamruz
 D. Segar
 R. West

R. Bennett, Chief Scientist
 M. Hulbert
 D. Lambert
 P. Hatcher
 G. Lapiene
 R. West
 J. Hazelworth

Table 3.

Sensor Corrections

Cruise	Depth m	Temperature °C	Salinity °/oo
XWCC-2	-7.0	0.0	-.03
XWCC-3	-6.7	0.0	-.05

Table 4.

Cruise Designations

Graphics and Listings

MESA Uniform

XWCC RE 3

XWCC2

XWCC RE 4

XWCC3

sensor values into agreement with the water samples are given in Table 3.

Note: The cruise number designations used to prepare graphics and station listings in this report refer to the third and fourth water column characterization cruises of the NOAA Ship Researcher in the New York Bight. Researcher cruises 1 and 2 occurred in 1974 and were reported by Charnell, et al., (1976). As this cruise numbering system has lead to confusion, a uniform MESA cruise designation system has been adopted for further reports. Table 4 lists the cruise numbers as used in graphics and listings and the corresponding MESA uniform cruise numbers used in text.

2. DATA PRESENTATION

Tables of the interpolated data and the corresponding depth profiles of temperature, salinity, and sigma-t are given in Section 6, Station Data. The codes used in the headings are from the National Oceanographic Data Center Manual Series (1964). The tabulated data are given at 1-m intervals from the surface to 50 m and at 10-m intervals thereafter. In addition, data are presented at the bottom of the cast. Profiles were produced from the corrected interpolated data. The symbols to the left of each horizontal axis and located on the curves identify the parameters.

The comparison of selected parameters between Cruises XWCC-2 and 3 can be made by examining the horizontal distributions of temperature, salinity, and sigma-t at the 1-m depth in Figures 2-3, 4-5, and 6-7, (section 5) respectively. Also comparisons of the identical parameters can be made by examining vertical profiles along the axis of the Hudson Shelf Valley, (figures 8-9, 10-11, and 12-13). Figures 8, 10, and 12 are somewhat misleading. Because of a navigation error, station 34 was actually occupied about one mile off, and not within the valley. A STD time series lasting approximately 24 hours at station 13 was recorded during XWCC-2. These data are presented in composit form (Figures 14-16) as well as singly XWCC-2 in serial sequence in the station data.

On XWCC-3 bad weather curtailed operations for three days. Consequently only 28 stations were occupied. The stations taken outlined the expanded Bight area, but no stations in the apex were occupied.

3. ACKNOWLEDGMENTS

Special thanks are due to the officers and men of the NOAA

Ship Researcher whose competence and enthusiasm were a major factor in the success of the scientific program. The effort was sponsored by NOAA and funded in part by the NOAA Environmental Research Laboratories and the MESA New York Bight Project.

4. REFERENCES

Charnell, R. L., M. E. Darnell, G. A. Berberian, B. L. Kolitz, and J. B. Hazelworth (1976): MESA New York Bight Project, Water Column Characterization Cruises 1 and 2 of the NOAA Ship Researcher, 4-15 March, 5-14 May, 1974, NOAA Data Report MESA 18, U.S. Gov't Print. Off., Washington, D.C. (Microfiche).

National Oceanographic Data Center Manual Series (1964): Processing Physical and Chemical Data from Oceanographic Stations, Part 1. Coding and Key punching, Publication M-2, revised, U.S. Naval Oceanographic Office, Washington, D.C., 117 pp.

5. AREAL AND CROSS-SECTION DISTRIBUTION OF TEMPERATURE,
SALINITY, AND SIGMA-T

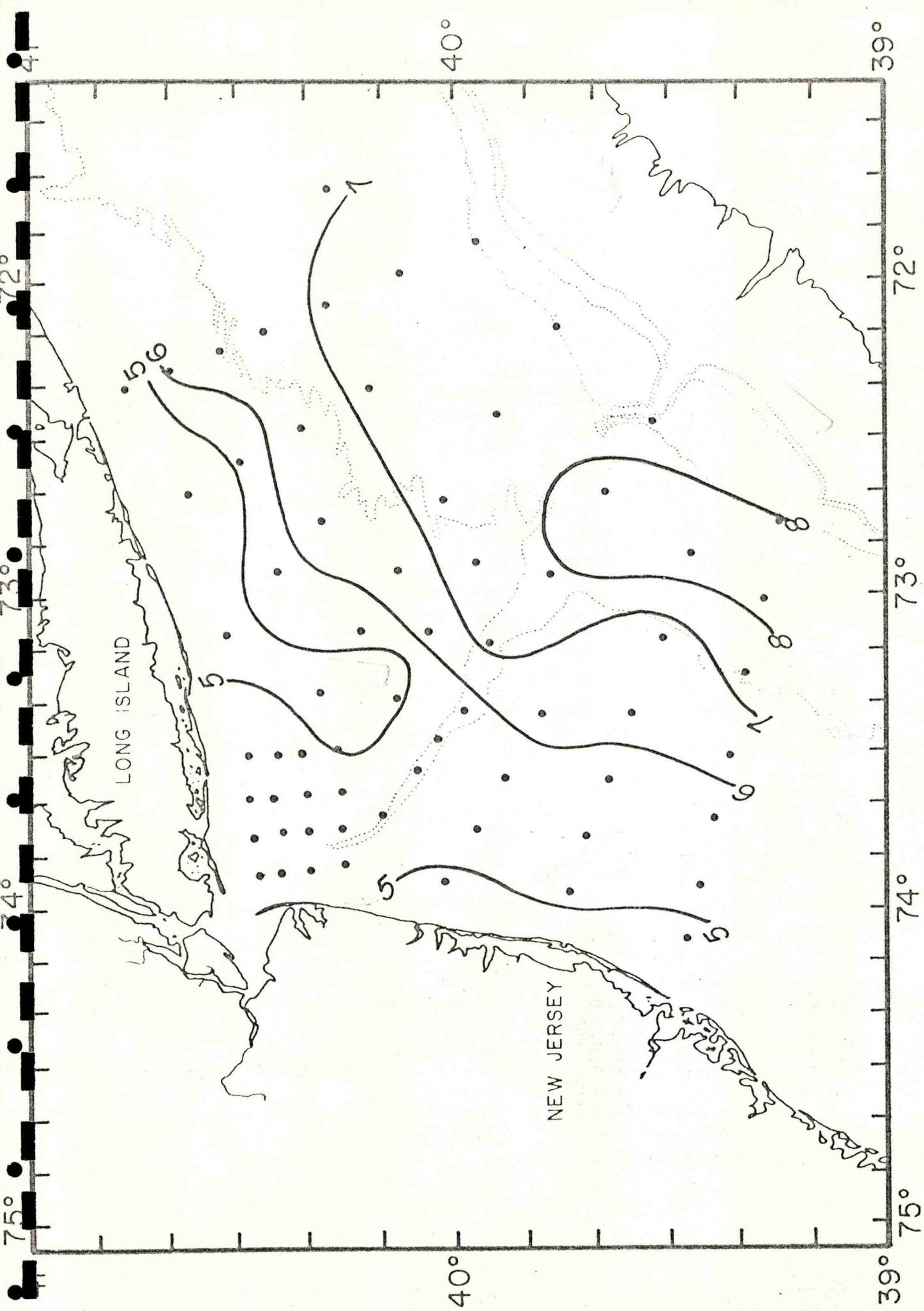


Figure 2. Surface temperatures 2/22/75-3/5/75.

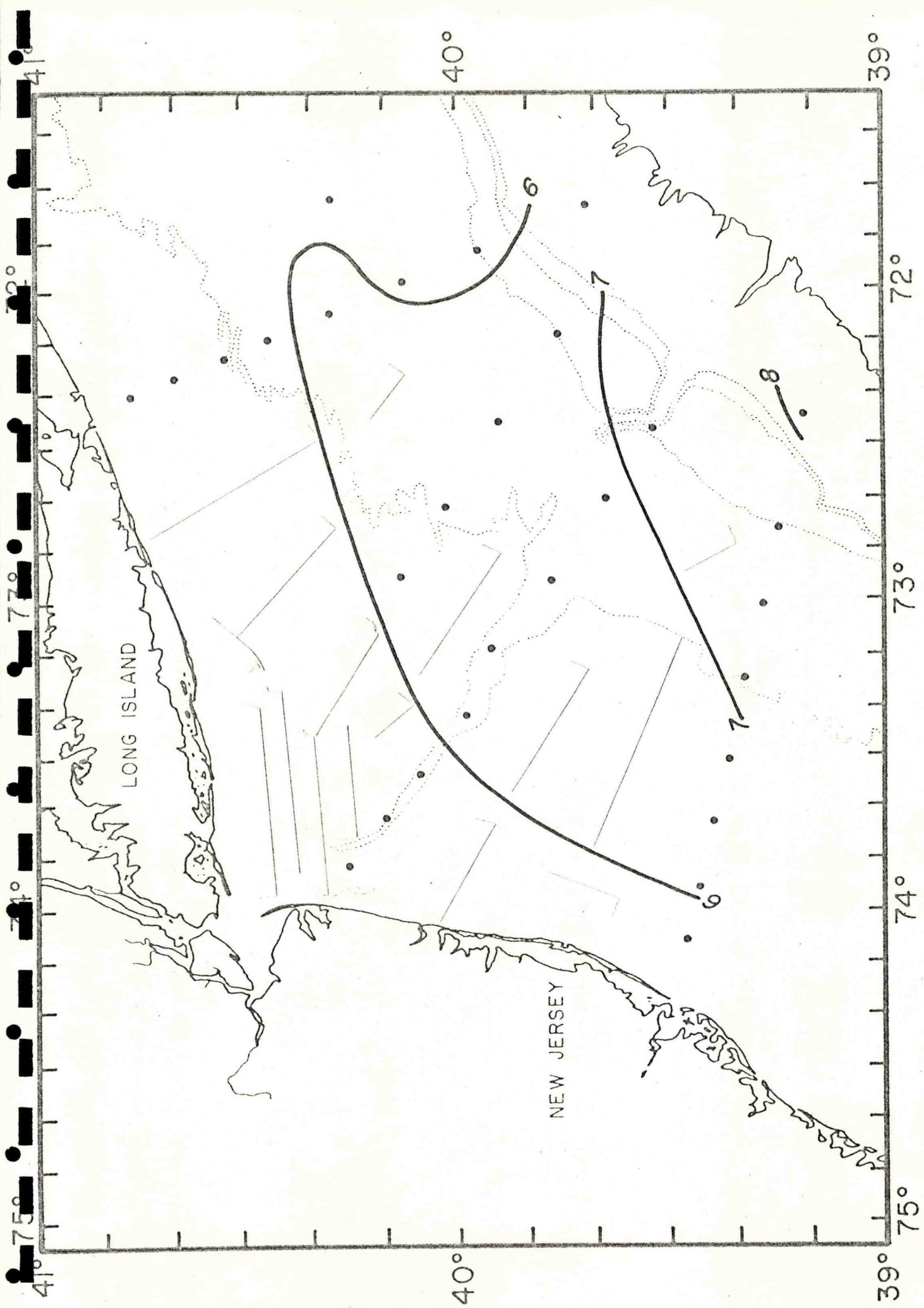


Figure 3. Surface temperatures 4/9/75-4/12/75.

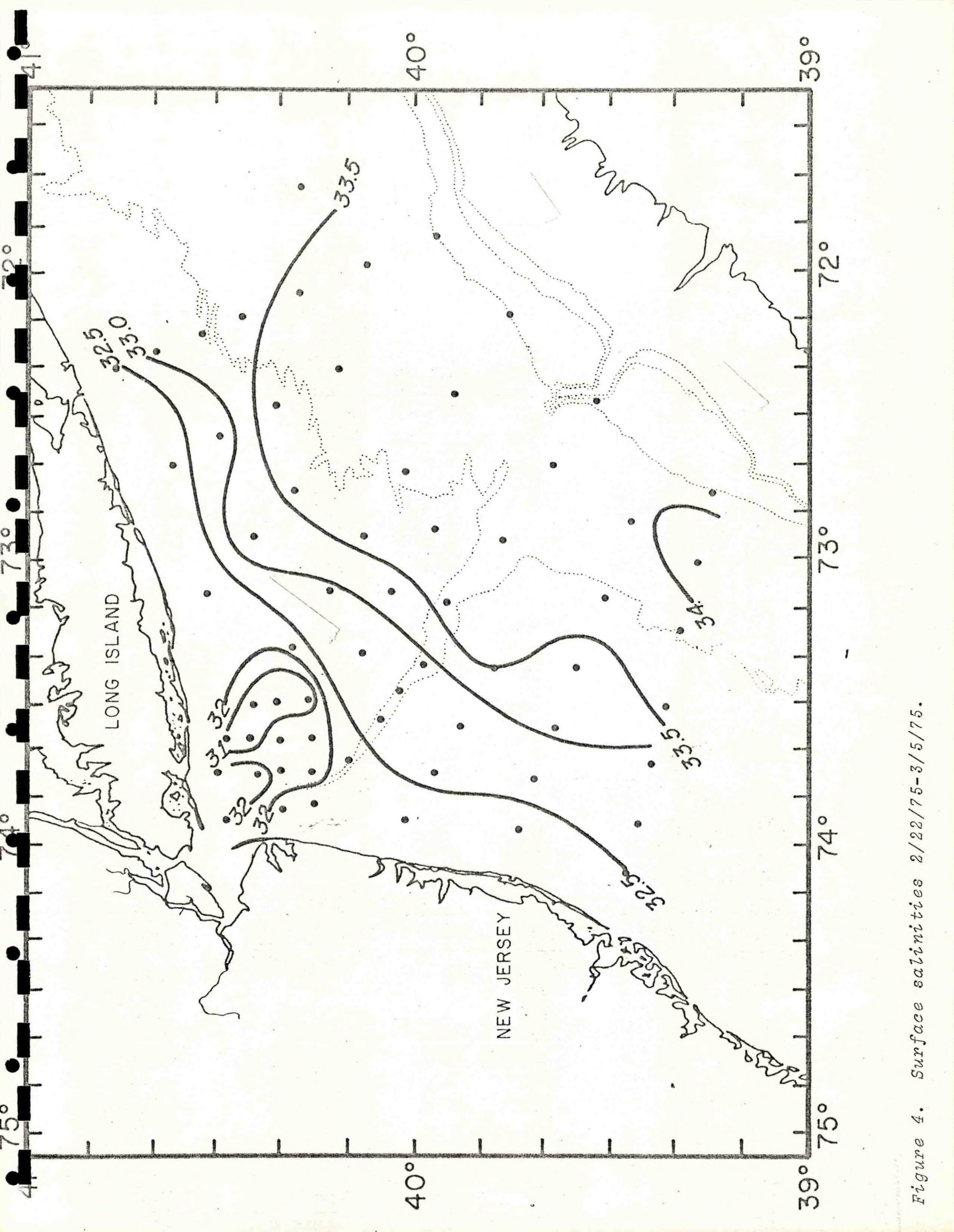


Figure 4. Surface salinities 2/22/75-3/5/75.

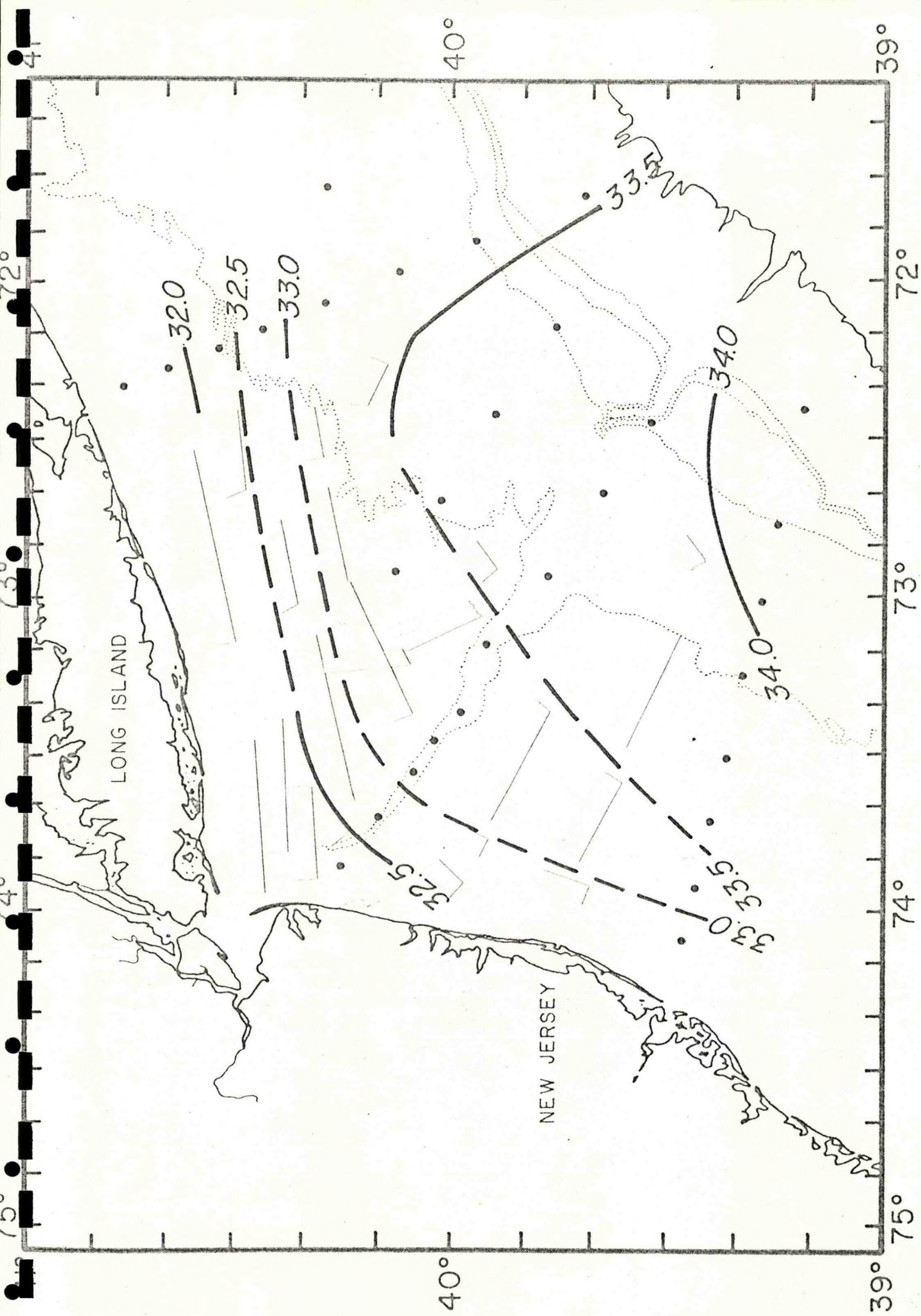


Figure 5. Surface salinities 4/9/75-4/12/75.

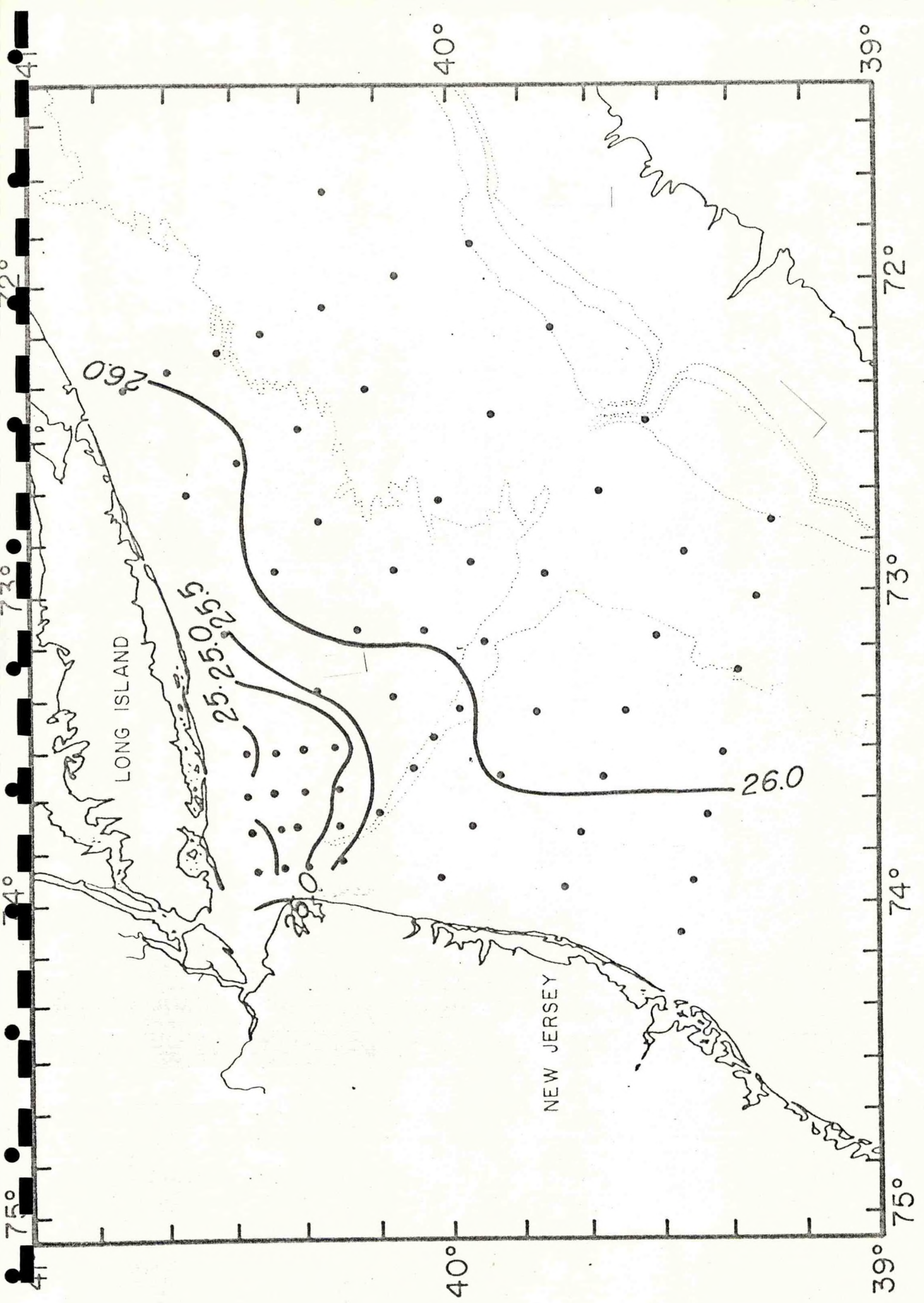


Figure 6. Surface sigma-t values 2/22/75-3/5/75.

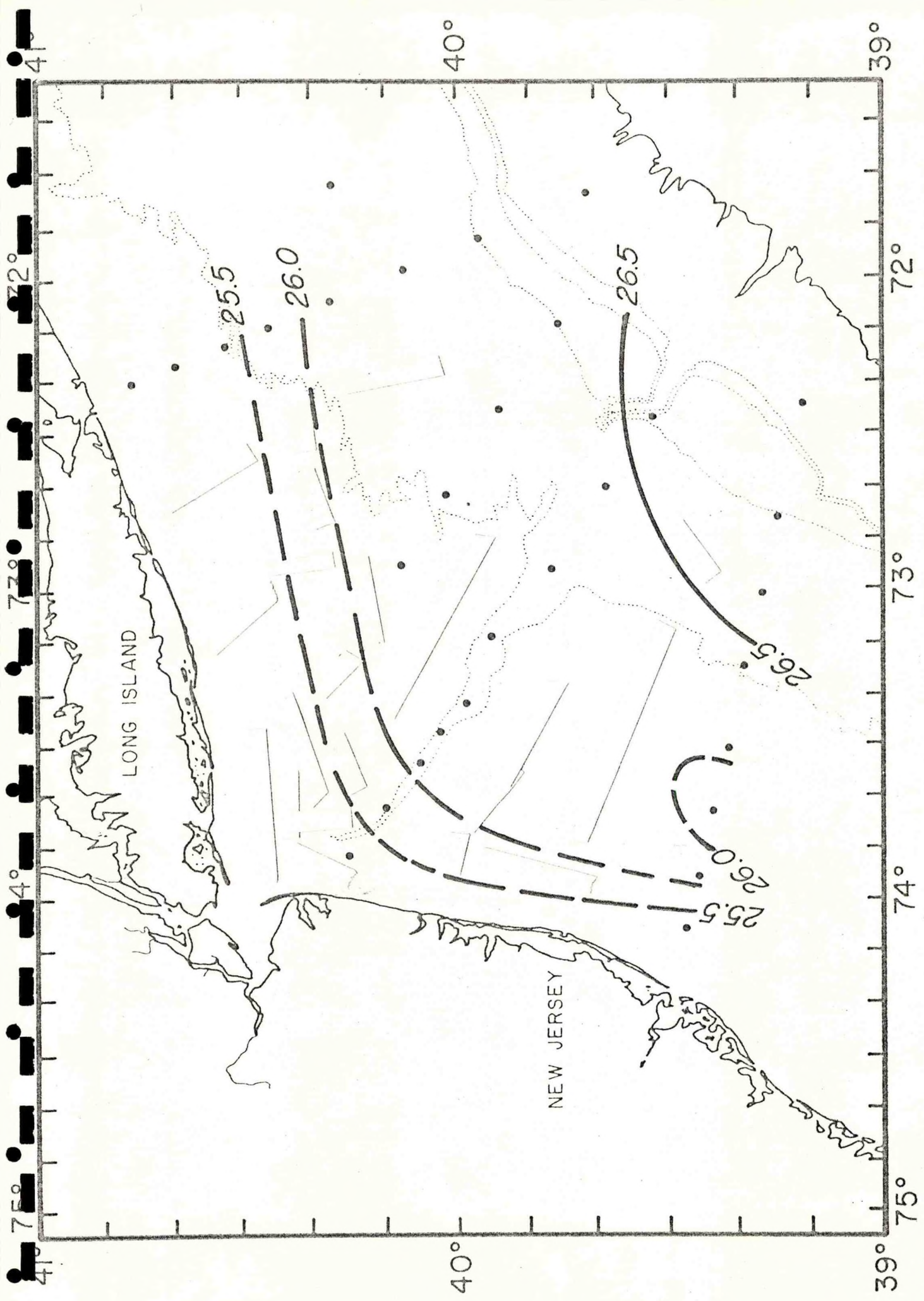


Figure 7. Surface sigma-t values 4/9/75-4/12/75.

STATIONS

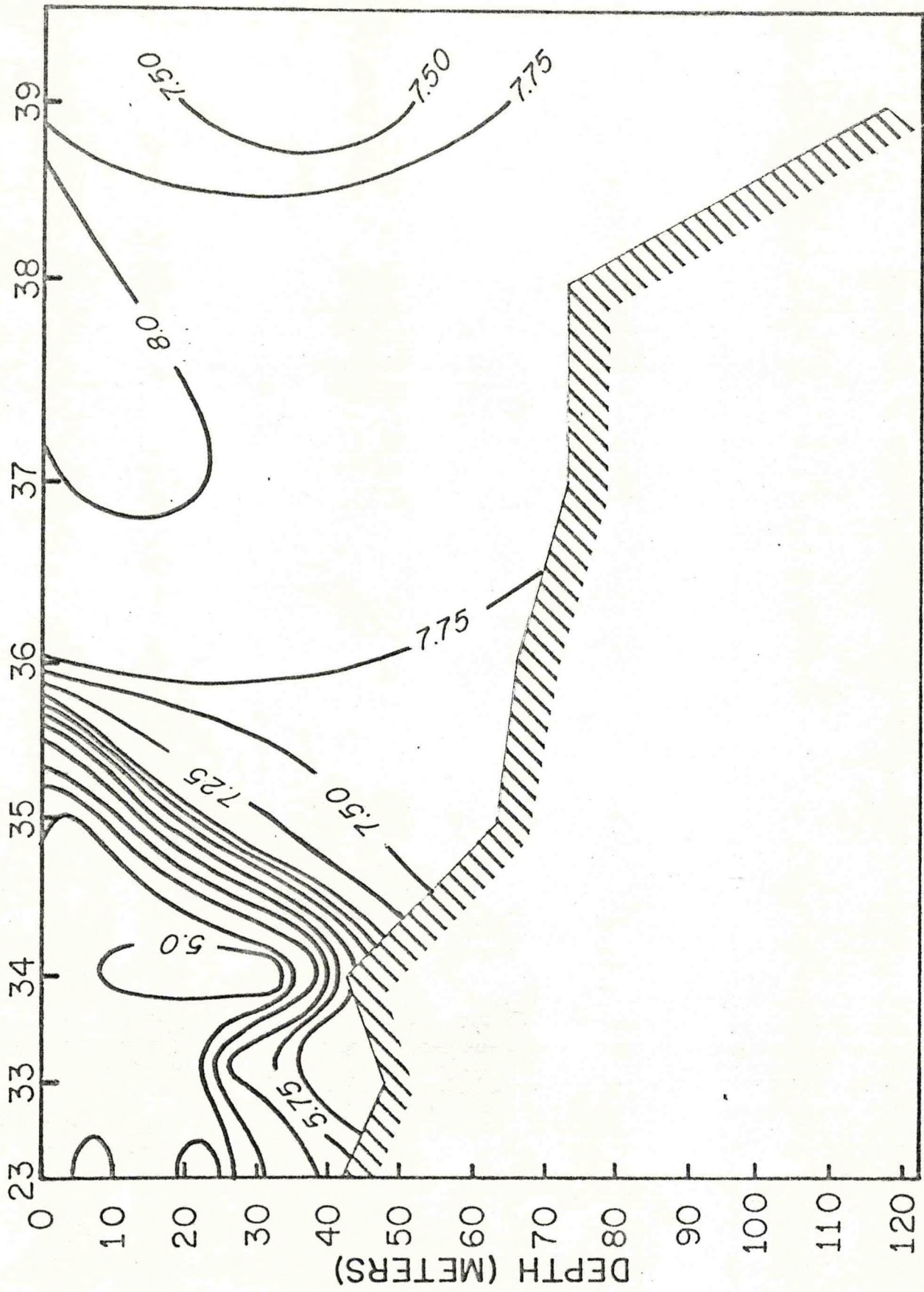


Figure 8. Vertical temperature contours along the Hudson Shelf Valley, 2/22/75-3/5/75. Reference Figure 1 for track line.

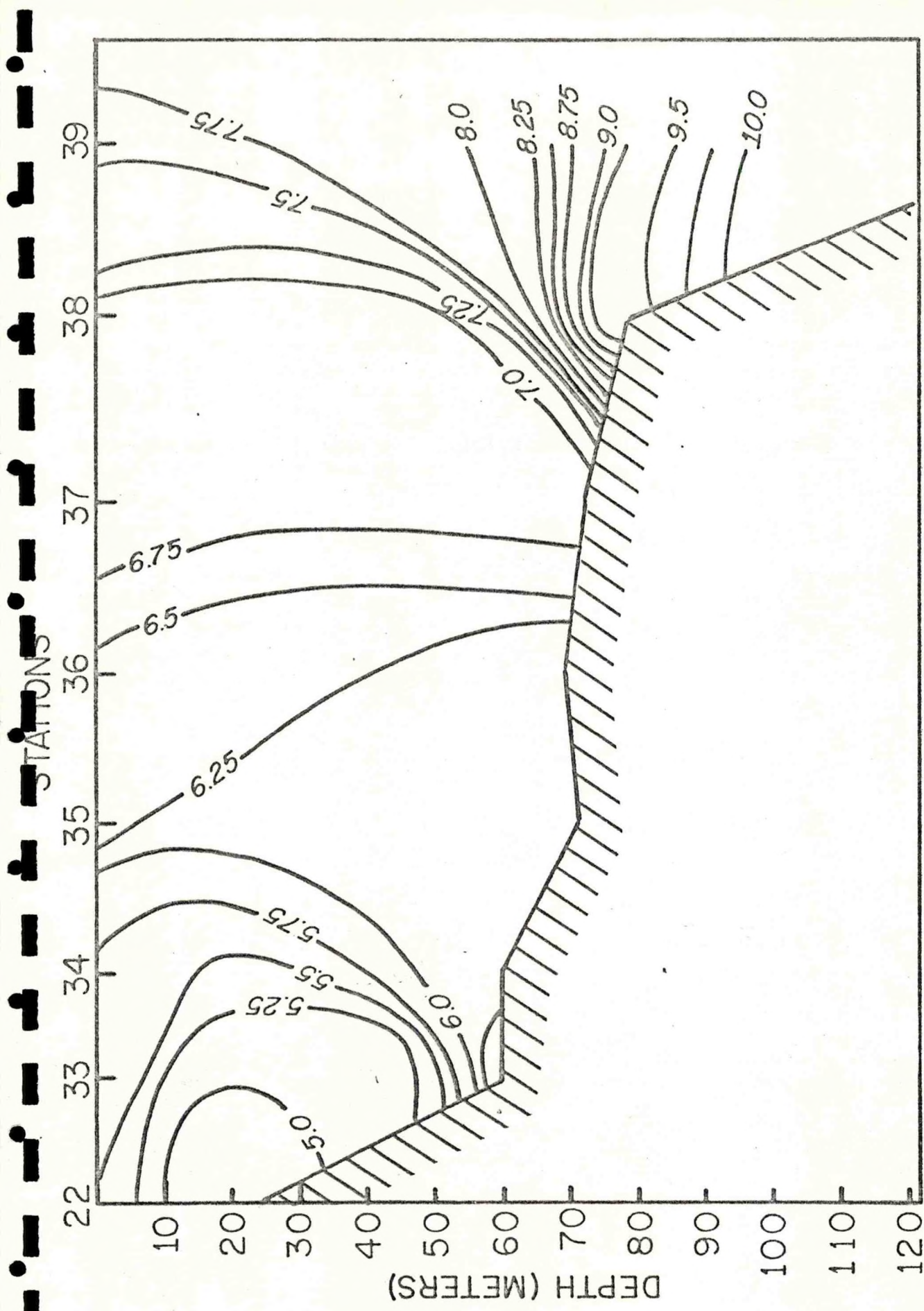


Figure 9. Vertical temperature contours along the Hudson Shelf Valley 4/9/75-4/12/75. Reference Figure 1 for track line.

STATIONS

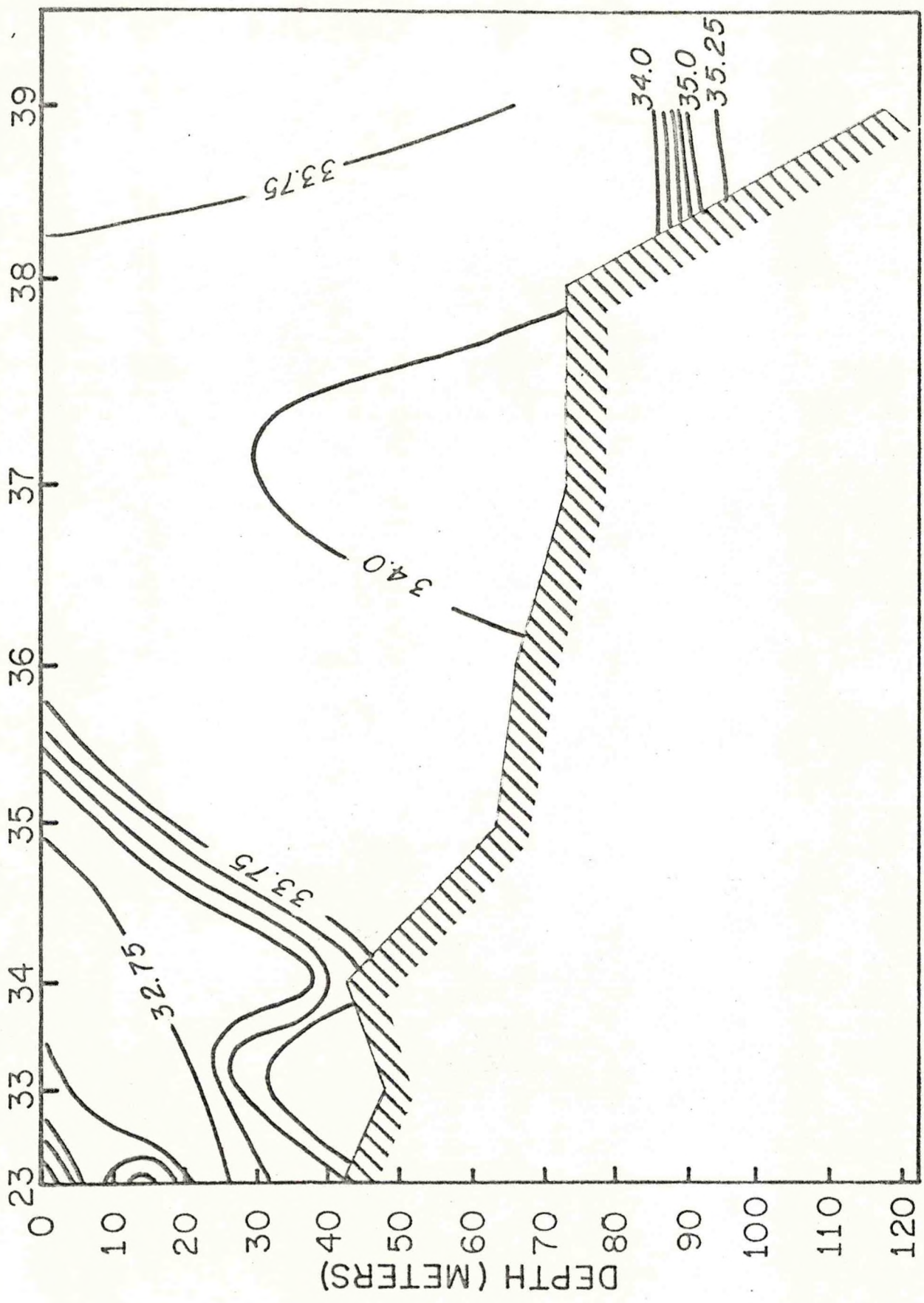


Figure 10. Vertical salinity contours along the Hudson Shelf Valley, 2/22/75-3/5/75. Reference Figure 1 for track line.

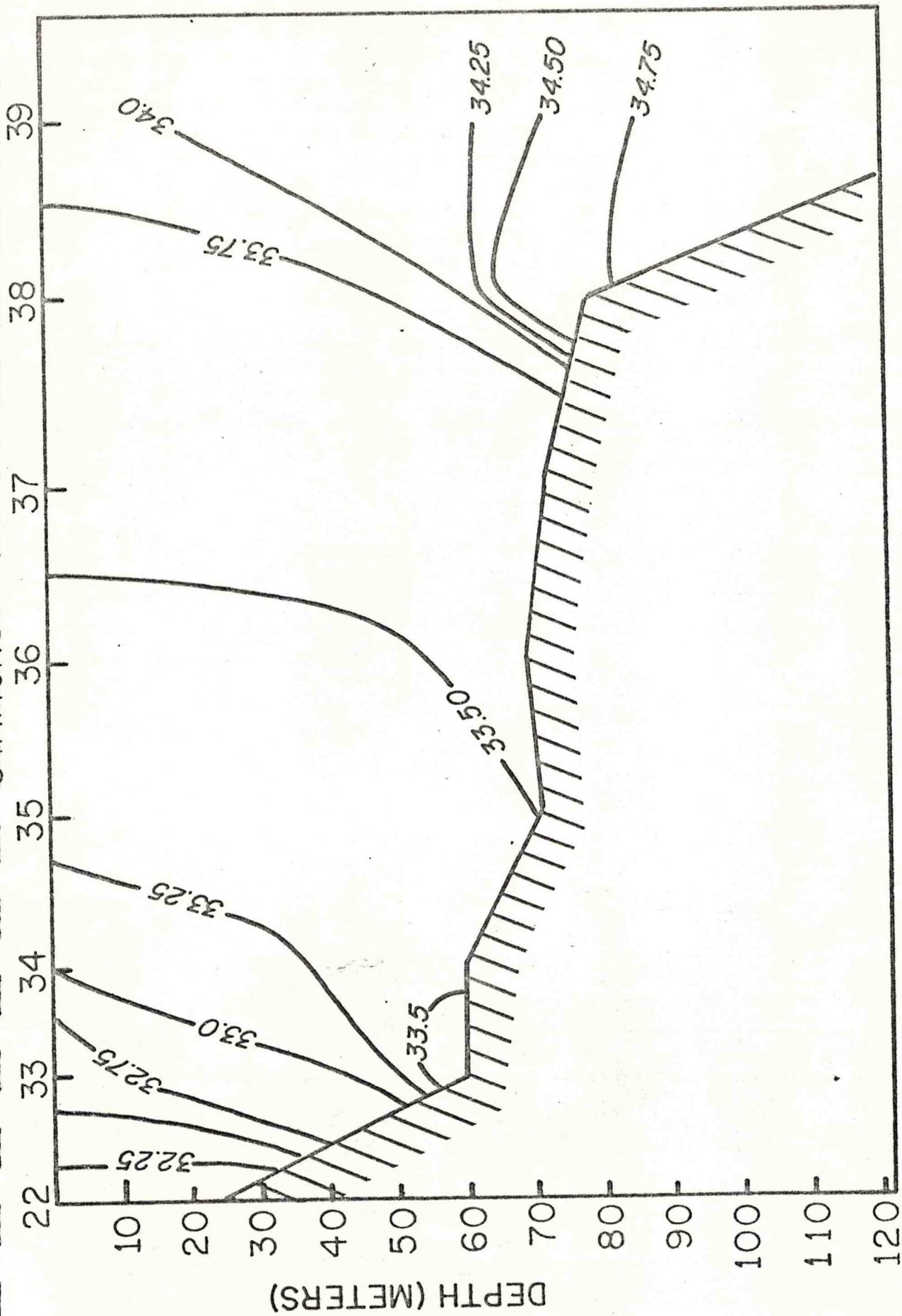


Figure 11. Vertical salinity contours along the Hudson Shelf Valley, 4/9/75-4/12/75. Reference Figure 1 for track line.

STATIONS

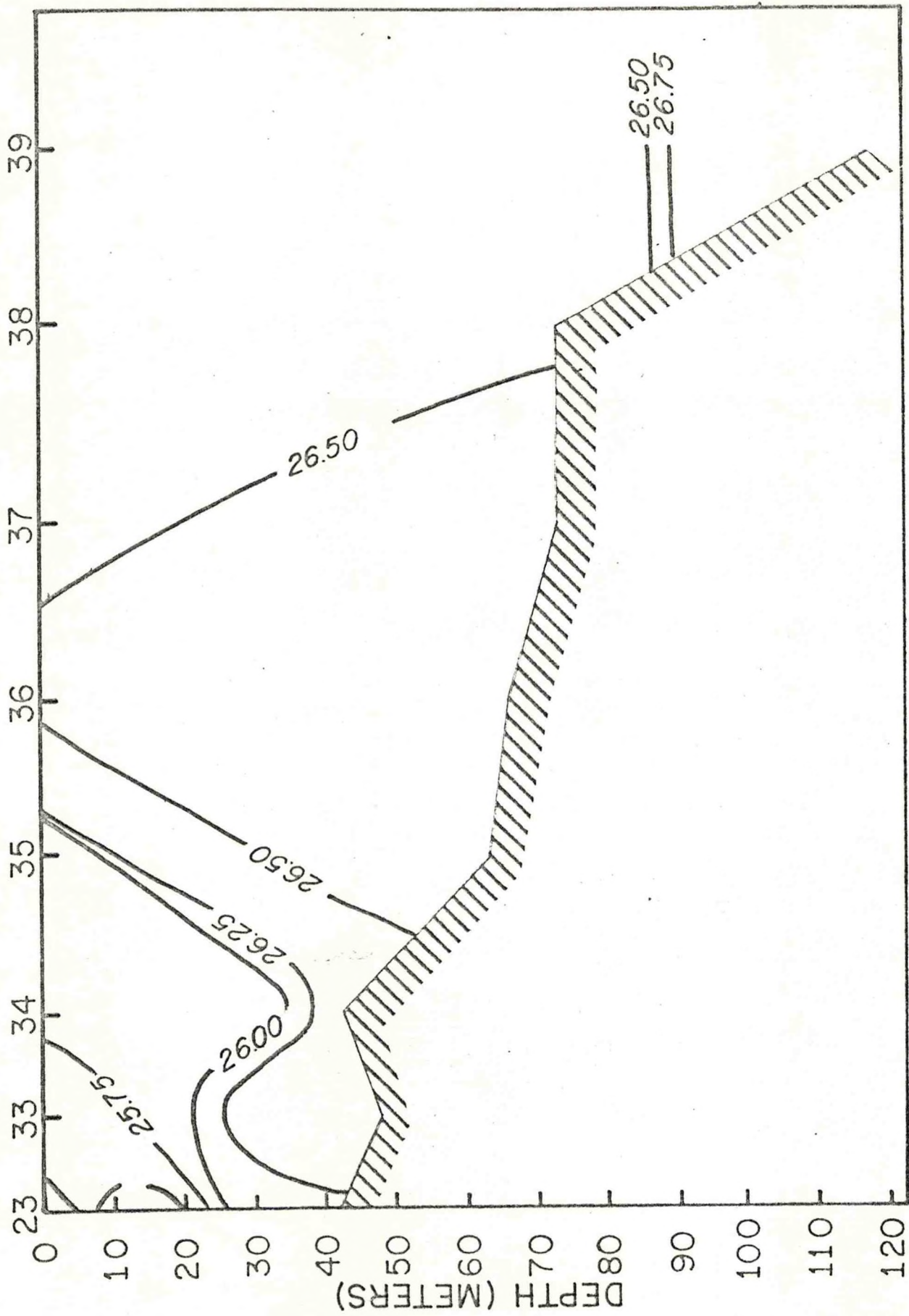


Figure 12. Vertical sigma-t contours along the Hudson Shelf Valley 2/22/75-3/5/75. Reference Figure 1 for track line.

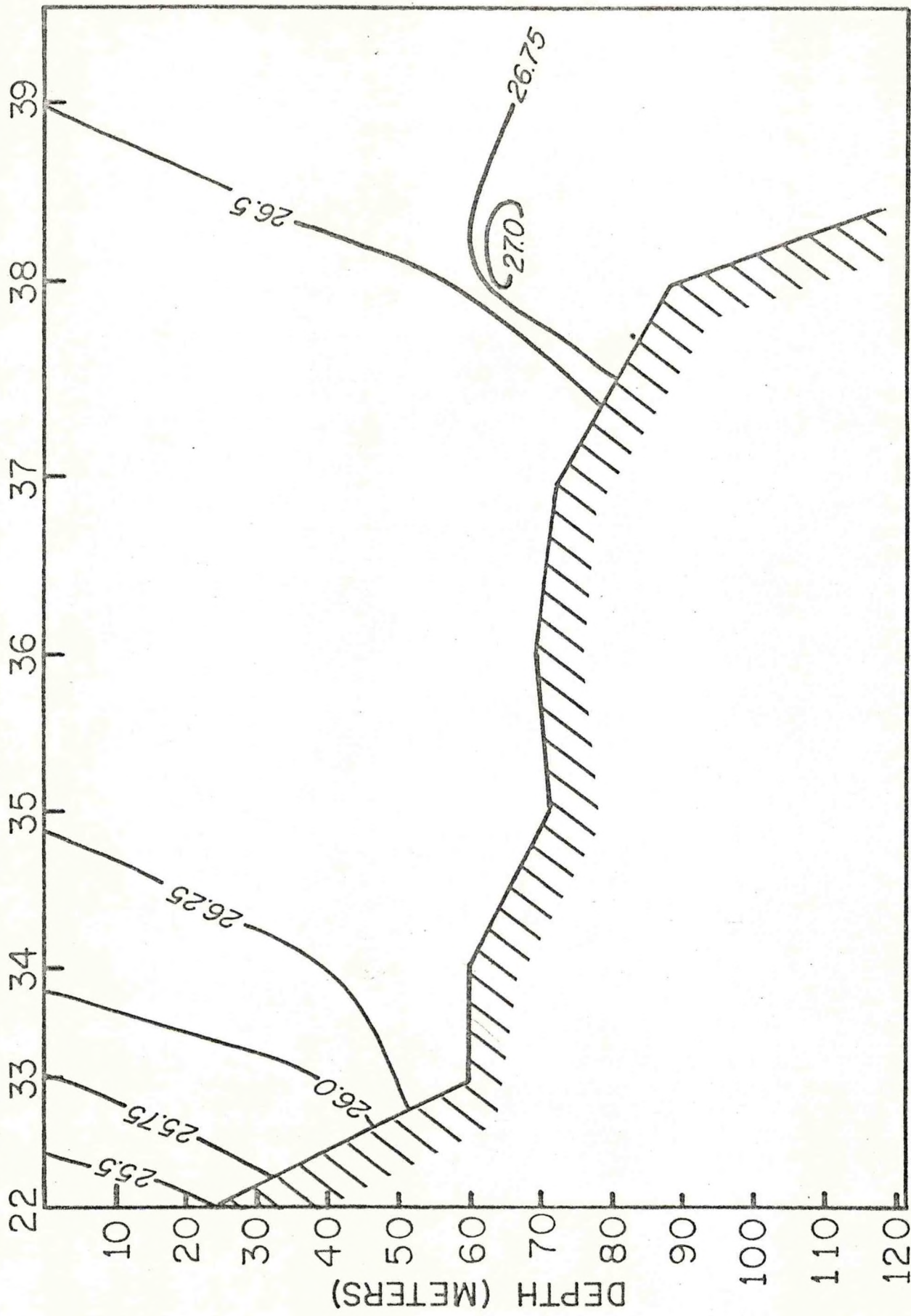


Figure 13. Vertical sigma-t contours along the Hudson Shelf Valley, 4/9/75-4/12/75. Reference Figure 1 for track line.

TIME SERIES AT STATION 13 TEMPERATURE

STA. DATE. GMT.	13-1 13/4 14:3	13-2 13/4 16:4	13-3 13/4 18:4	13-4 13/4 20:5	13-5 13/4 22:8	13-6 13/5 00:5	13-7 13/5 02:5	13-8 13/5 04:4	13-9 13/5 06:2
0	4	5	3	2	1	4	9	1	3
1	4	5	3	2	3	4	9	3	3
2	4	5	3	2	3	4	9	3	3
3	4	5	3	2	3	4	9	3	3
4	4	5	3	2	3	4	9	3	3
5	4	5	3	2	3	4	9	3	3
6	4	5	3	2	3	4	9	3	3
7	4	5	3	2	3	4	9	3	3
8	4	5	3	2	3	4	9	3	3
9	4	5	3	2	3	4	9	3	3
10	4	5	3	2	3	4	9	3	3
11	4	5	3	2	3	4	9	3	3
12	4	5	3	2	3	4	9	3	3
13	4	5	3	2	3	4	9	3	3
14	4	5	3	2	3	4	9	3	3
15	4	5	3	2	3	4	9	3	3
16	4	5	3	2	3	4	9	3	3
17	4	5	3	2	3	4	9	3	3
18	4	5	3	2	3	4	9	3	3
19	4	5	3	2	3	4	9	3	3
20	4	5	3	2	3	4	9	3	3
21	4	5	3	2	3	4	9	3	3
22	4	5	3	2	3	4	9	3	3
23	4	5	3	2	3	4	9	3	3
24	4	5	3	2	3	4	9	3	3
25	4	5	3	2	3	4	9	3	3
26	4	5	3	2	3	4	9	3	3
27	4	5	3	2	3	4	9	3	3
28	4	5	3	2	3	4	9	3	3
29	4	5	3	2	3	4	9	3	3
30	4	5	3	2	3	4	9	3	3
31	4	5	3	2	3	4	9	3	3

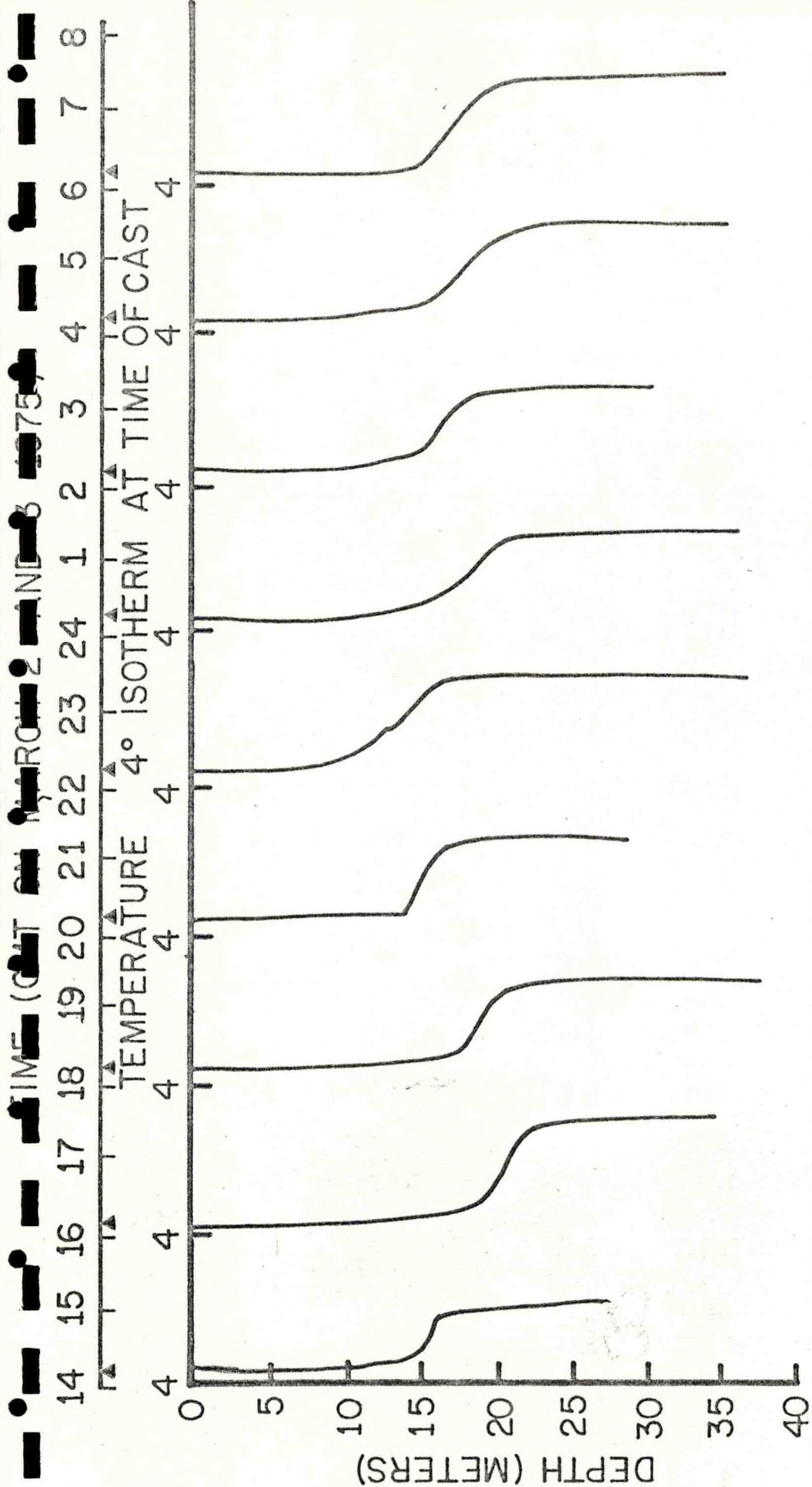


Figure 14. Temperature time series at station 13, 3/2/75-3/3/75.

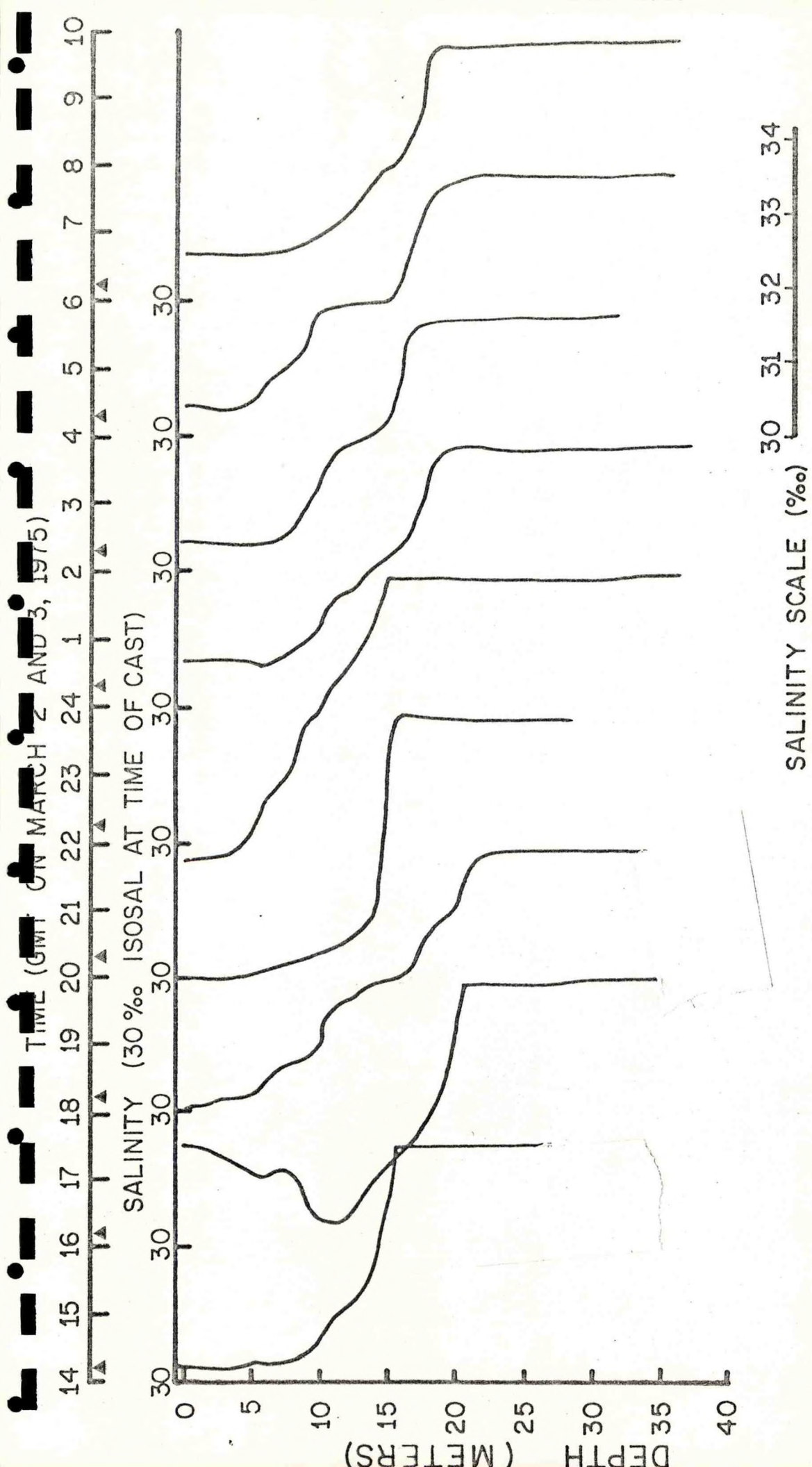


Figure 15. Salinity time series at station 13, 3/2/75-3/3/75.

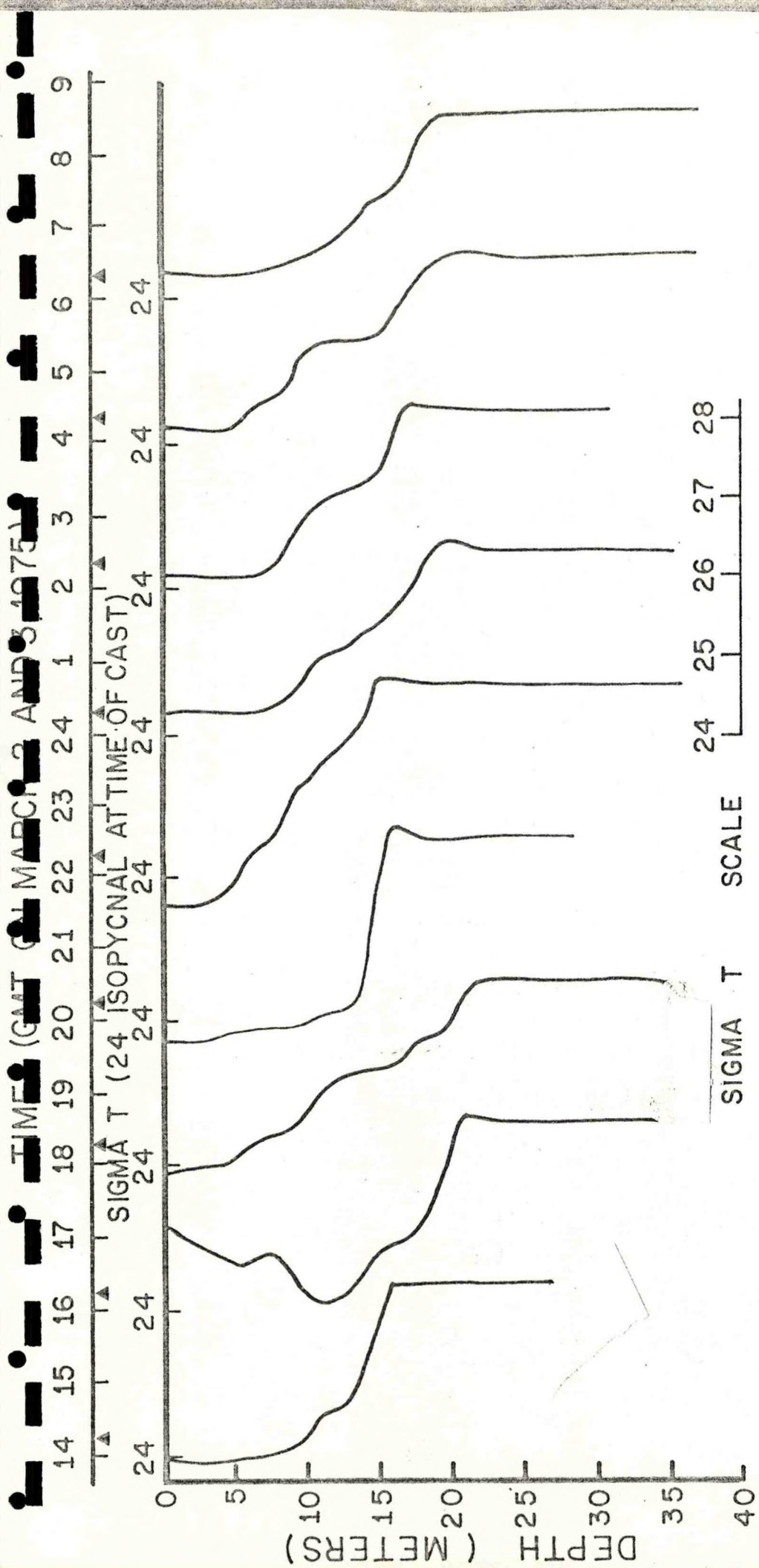


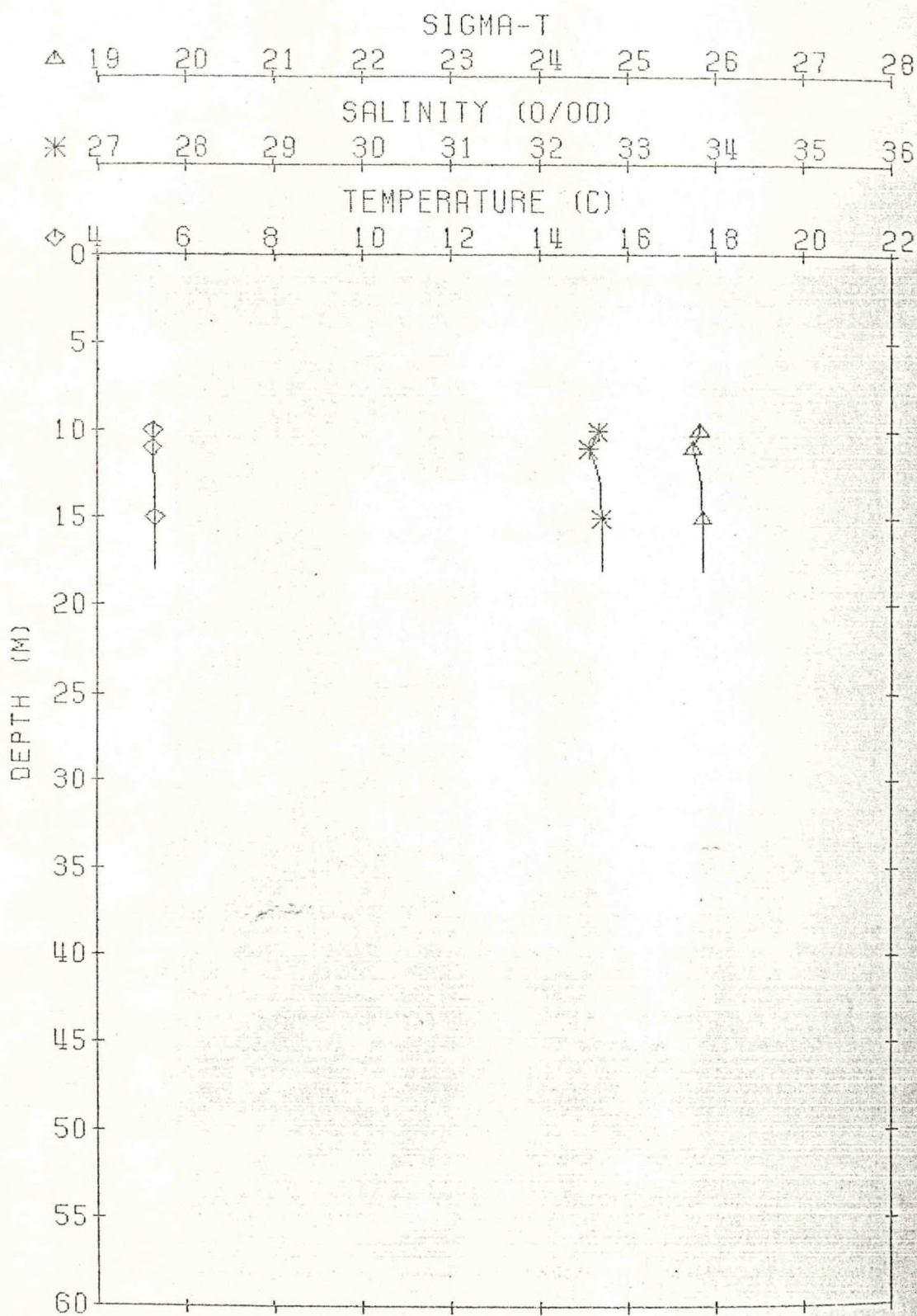
Figure 16. Sigma-t time series at station 13, 3/2/75-3/3/75.

6. STATION DATA

RE CRS/STA 03/07 LAT 40 27.1N; LONG 73 53.8W GMT 23.1 02/27/75
DEPTH 018 AIR D/W 08.2/04.0 BARO 13.9 VTS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 28/16 SEA DIR/HT 28/1 SWELL DIR/HT 23/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
10	5.25	32.66	25.81
11	5.24	32.55	25.73
12	5.27	32.62	25.79
13	5.29	32.67	25.82
14	5.29	32.68	25.83
15	5.30	32.69	25.84
16	5.30	32.70	25.84
17	5.30	32.70	25.84
18	5.30	32.70	25.84

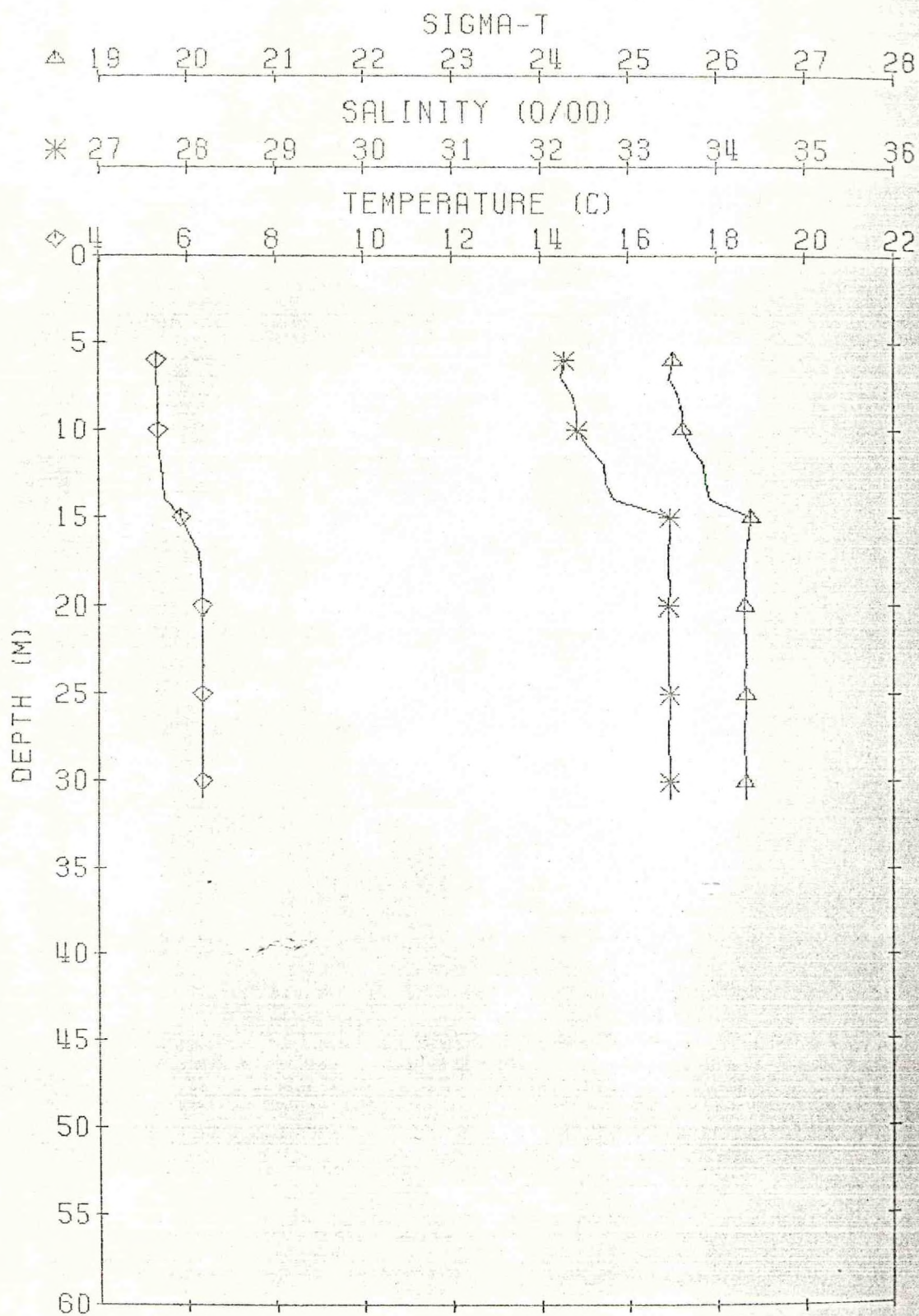
XWCC RESEARCHER CRS. 3 STA. 7 FEB. 27, 1975



RE CRS/STA 03/08 LAT 40 26.8N; LONG 73 48.5W GMT 00.3 02/28/75
DEPTH 032 AIR D/W 05.8/03.1 BARO 15.2 VIS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 30/10 SEA DIR/HT 30/1 SWELL DIR/HT 23/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
6	5.29	32.26	25.50
7	5.30	32.22	25.46
8	5.32	32.35	25.56
9	5.33	32.40	25.60
10	5.33	32.41	25.61
11	5.33	32.53	25.70
12	5.40	32.72	25.85
13	5.43	32.74	25.86
14	5.47	32.83	25.92
15	5.85	33.46	26.38
16	6.02	33.46	26.36
17	6.28	33.44	26.31
18	6.32	33.45	26.31
19	6.33	33.46	26.31
20	6.34	33.45	26.31
21	6.34	33.45	26.31
22	6.34	33.45	26.31
23	6.34	33.45	26.31
24	6.35	33.45	26.31
25	6.35	33.46	26.31
26	6.35	33.46	26.31
27	6.35	33.45	26.31
28	6.36	33.45	26.31
29	6.36	33.46	26.31
30	6.36	33.46	26.31
31	6.36	33.46	26.31

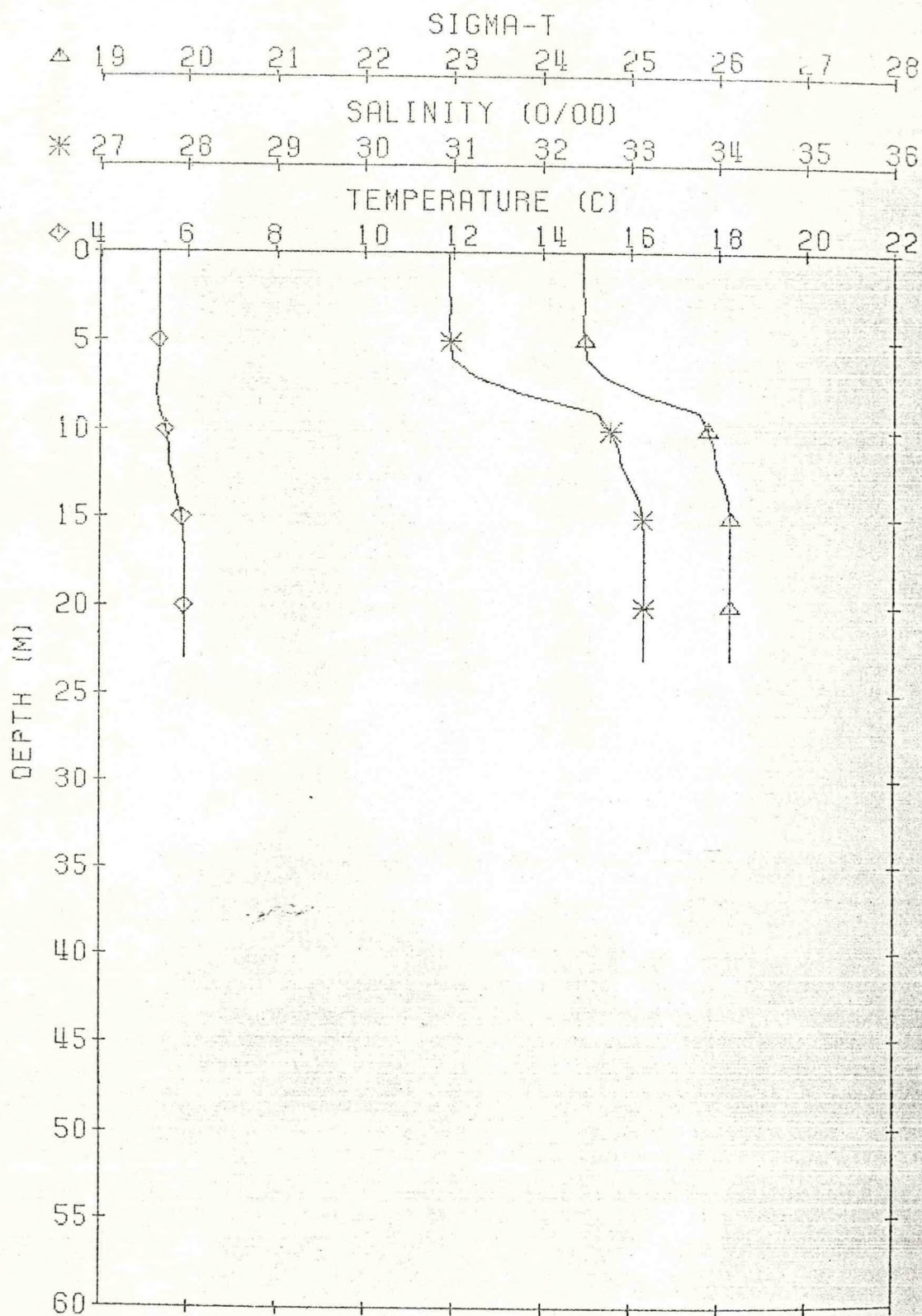
XWCC RESEARCHER CRS. 3 STA. 8 FEB. 28, 1975



RE CRS/STA 03/09 LAT 40 28.3N; LONG 73 39.4W GMT 03.5 02/28/75
DEPTH 023 AIR D/W 05.0/01.5 BARO 15.9 VIS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 31/16 SEA DIR/HT 31/1 SWELL DIR/HT 23/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	5.32	30.94	24.45
1	5.32	30.93	24.45
2	5.32	30.94	24.45
3	5.33	30.95	24.46
4	5.33	30.94	24.45
5	5.32	30.95	24.46
6	5.31	30.98	24.48
7	5.30	31.22	24.68
8	5.24	31.78	25.12
9	5.31	32.58	25.75
10	5.46	32.75	25.86
11	5.54	32.85	25.93
12	5.55	32.87	25.95
13	5.65	33.00	26.04
14	5.73	33.09	26.10
15	5.83	33.13	26.12
16	5.88	33.14	26.12
17	5.89	33.13	26.11
18	5.90	33.14	26.12
19	5.90	33.14	26.12
20	5.90	33.13	26.11
21	5.90	33.13	26.11
22	5.89	33.13	26.11
23	5.89	33.13	26.11

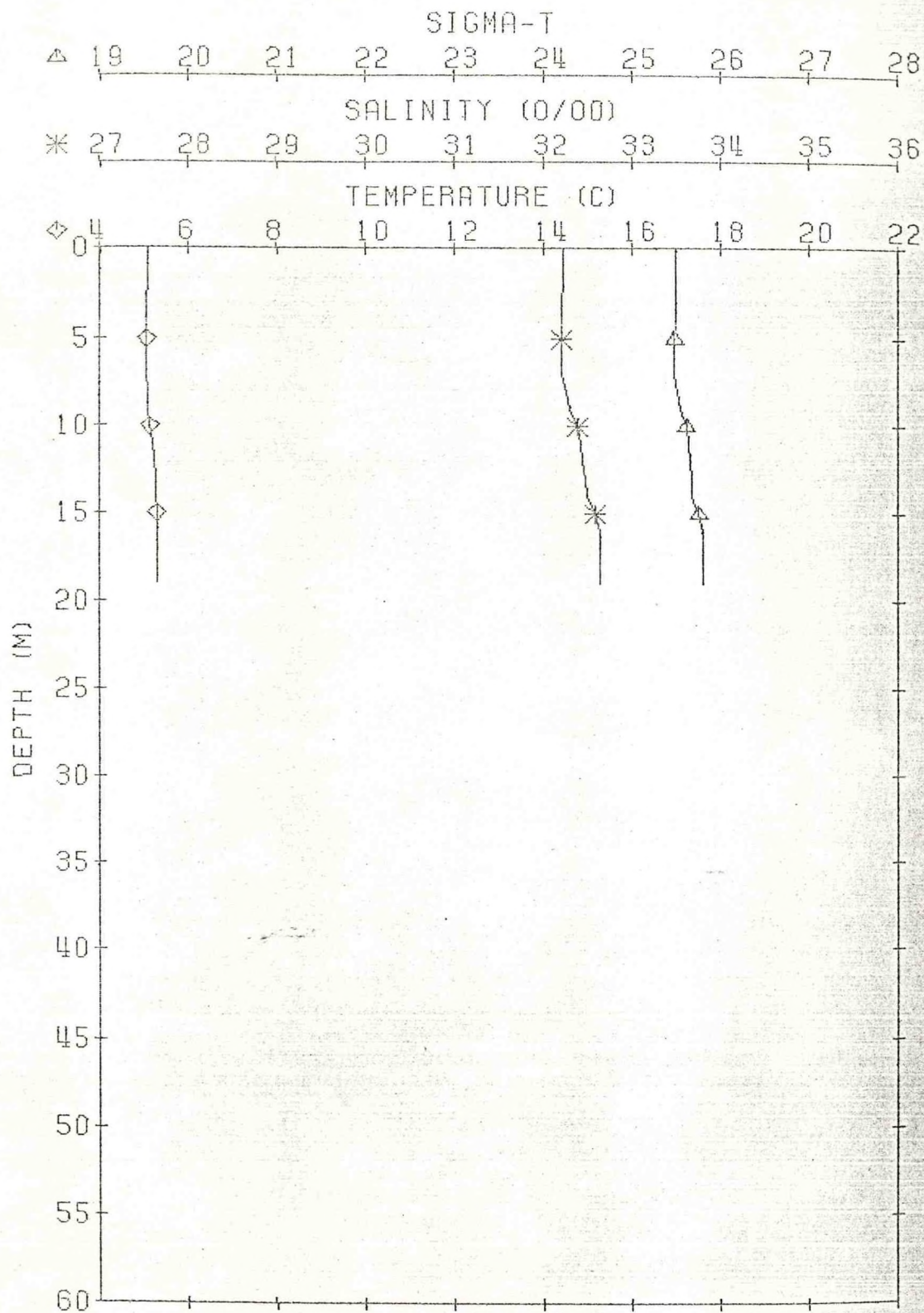
XWCC RESEARCHER CRS. 3 STA. 9 FEB. 28, 1975



RE CRS/STA 03/10 LAT 40 29.0N; LONG 73 31.5W GMT 05.2 02/28/75
DEPTH 021 AIR D/W 04.0/00.5 BARO 15.2 VIS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 29/18 SEA DIR/HT 29/1 SWELL DIR/HT 49/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	5.06	32.20	25.48
1	5.06	32.21	25.48
2	5.06	32.20	25.48
3	5.05	32.20	25.47
4	5.05	32.20	25.47
5	5.05	32.19	25.47
6	5.05	32.19	25.47
7	5.05	32.19	25.47
8	5.07	32.24	25.51
9	5.09	32.28	25.53
10	5.12	32.37	25.60
11	5.17	32.40	25.62
12	5.21	32.43	25.64
13	5.24	32.46	25.66
14	5.25	32.47	25.67
15	5.27	32.57	25.74
16	5.30	32.63	25.79
17	5.30	32.63	25.78
18	5.30	32.62	25.78
19	5.31	32.62	25.78

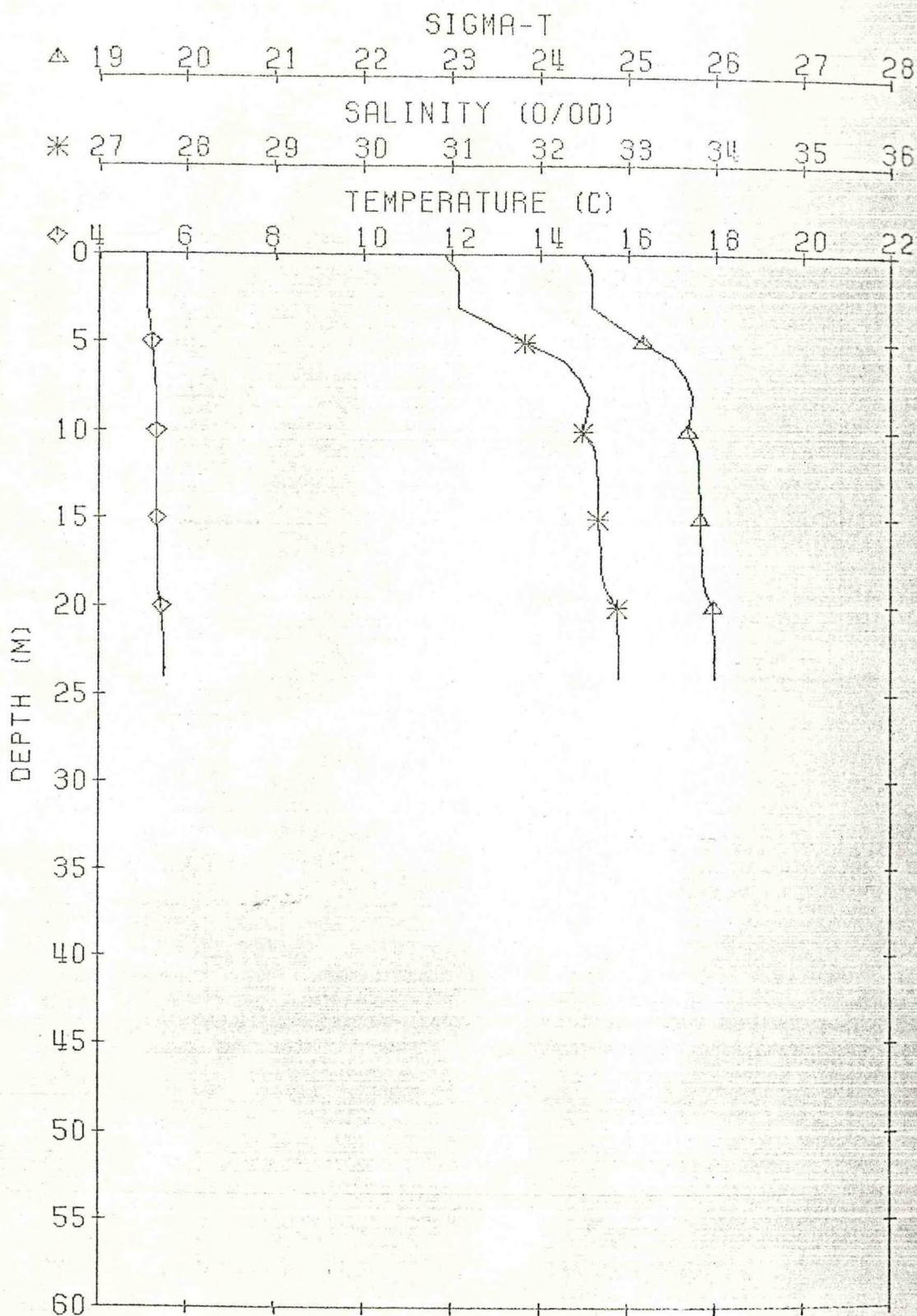
XWCC RESEARCHER CRS. 3 STA. 10 FEB. 28, 1975



RE CRS/STA 03/12 LAT 40 23.0N; LONG 73 52.0W GMT 08.1 02/27/75
DEPTH 025 AIR D/W 07.0/02.8 BARO 14.9 VIS 8 cLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 27/16 SEA DIR/HT 27/1 SWELL DIR/HT 27/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	5.06	30.91	24.45
1	5.09	31.07	24.58
2	5.09	31.07	24.58
3	5.08	31.06	24.57
4	5.15	31.45	24.87
5	5.19	31.81	25.15
6	5.23	32.25	25.50
7	5.27	32.44	25.64
8	5.29	32.54	25.72
9	5.29	32.52	25.70
10	5.28	32.47	25.66
11	5.29	32.61	25.77
12	5.30	32.64	25.79
13	5.30	32.64	25.79
14	5.30	32.65	25.80
15	5.30	32.65	25.80
16	5.31	32.66	25.81
17	5.32	32.68	25.82
18	5.33	32.68	25.83
19	5.34	32.73	25.86
20	5.42	32.86	25.96
21	5.44	32.87	25.96
22	5.47	32.89	25.97
23	5.47	32.89	25.97
24	5.47	32.89	25.97

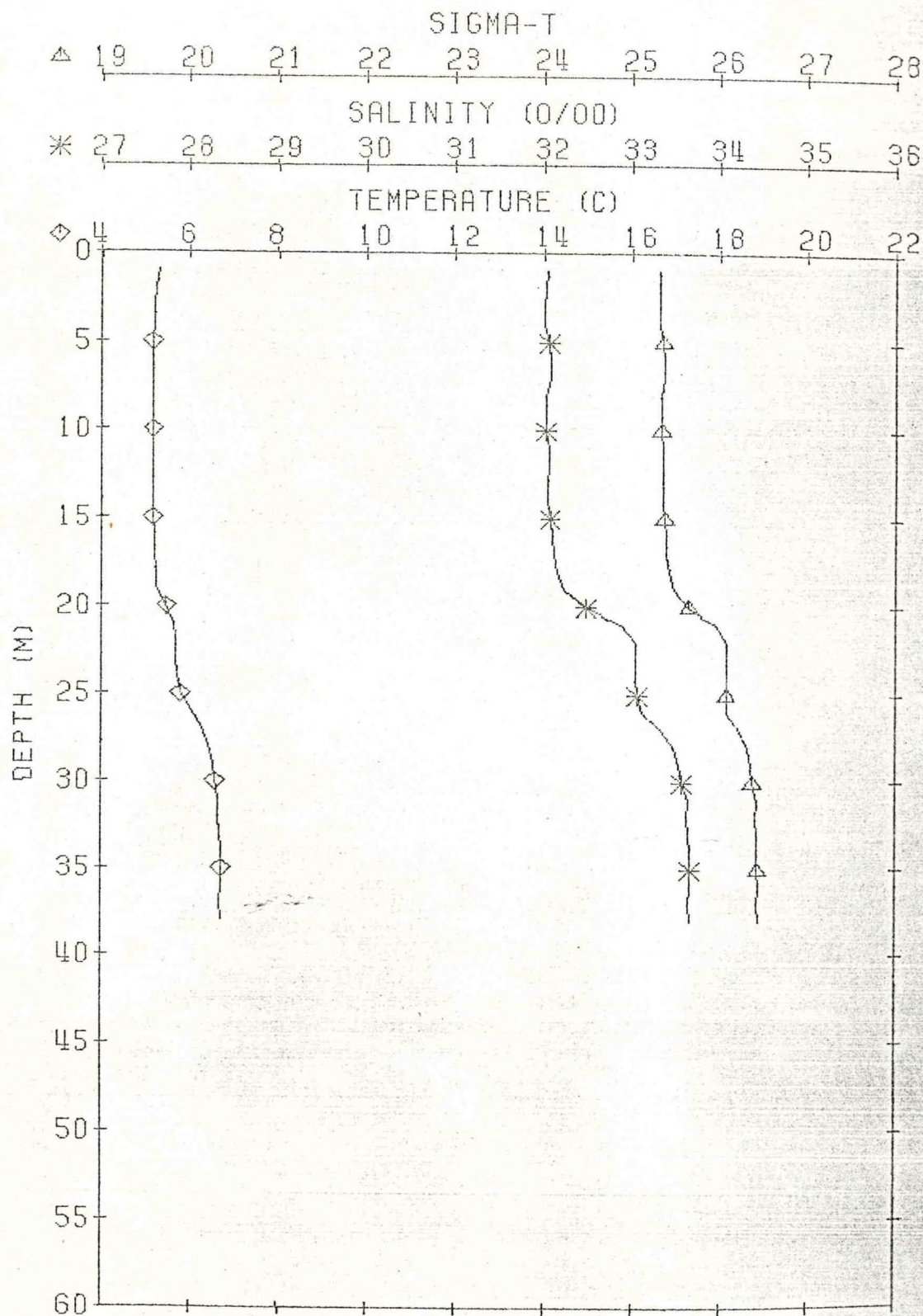
XWCC RESEARCHER CRS. 3 STA. 12 FEB. 27, 1975



RE CRS/STA 03/13 LAT 40 23.1N; LONG 73 46.5W GMT 02.2 02/28/75
DEPTH 038 AIR D/W 06.0/02.8 BARO 15.2 VIS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 33/12 SEA DIR/HT 33/1 SWELL DIR/HT 23/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.29	32.02	25.31
2	5.24	32.01	25.30
3	5.19	31.99	25.30
4	5.19	32.00	25.30
5	5.15	32.05	25.34
6	5.16	32.06	25.36
7	5.14	32.07	25.36
8	5.16	32.01	25.31
9	5.16	32.01	25.32
10	5.16	32.01	25.32
11	5.16	32.04	25.34
12	5.15	32.05	25.34
13	5.16	32.03	25.33
14	5.15	32.03	25.33
15	5.15	32.06	25.35
16	5.17	32.08	25.37
17	5.19	32.10	25.38
18	5.22	32.14	25.41
19	5.23	32.20	25.46
20	5.45	32.46	25.64
21	5.60	32.87	25.94
22	5.66	33.02	26.06
23	5.67	33.03	26.06
24	5.68	33.03	26.06
25	5.77	33.04	26.06
26	6.03	33.10	26.07
27	6.28	33.32	26.21
28	6.43	33.46	26.31
29	6.51	33.52	26.34
30	6.56	33.55	26.36
31	6.64	33.62	26.40
32	6.64	33.61	26.39
33	6.69	33.63	26.41
34	6.70	33.65	26.42
35	6.70	33.65	26.42
36	6.71	33.65	26.42
37	6.67	33.63	26.41
38	6.71	33.65	26.42

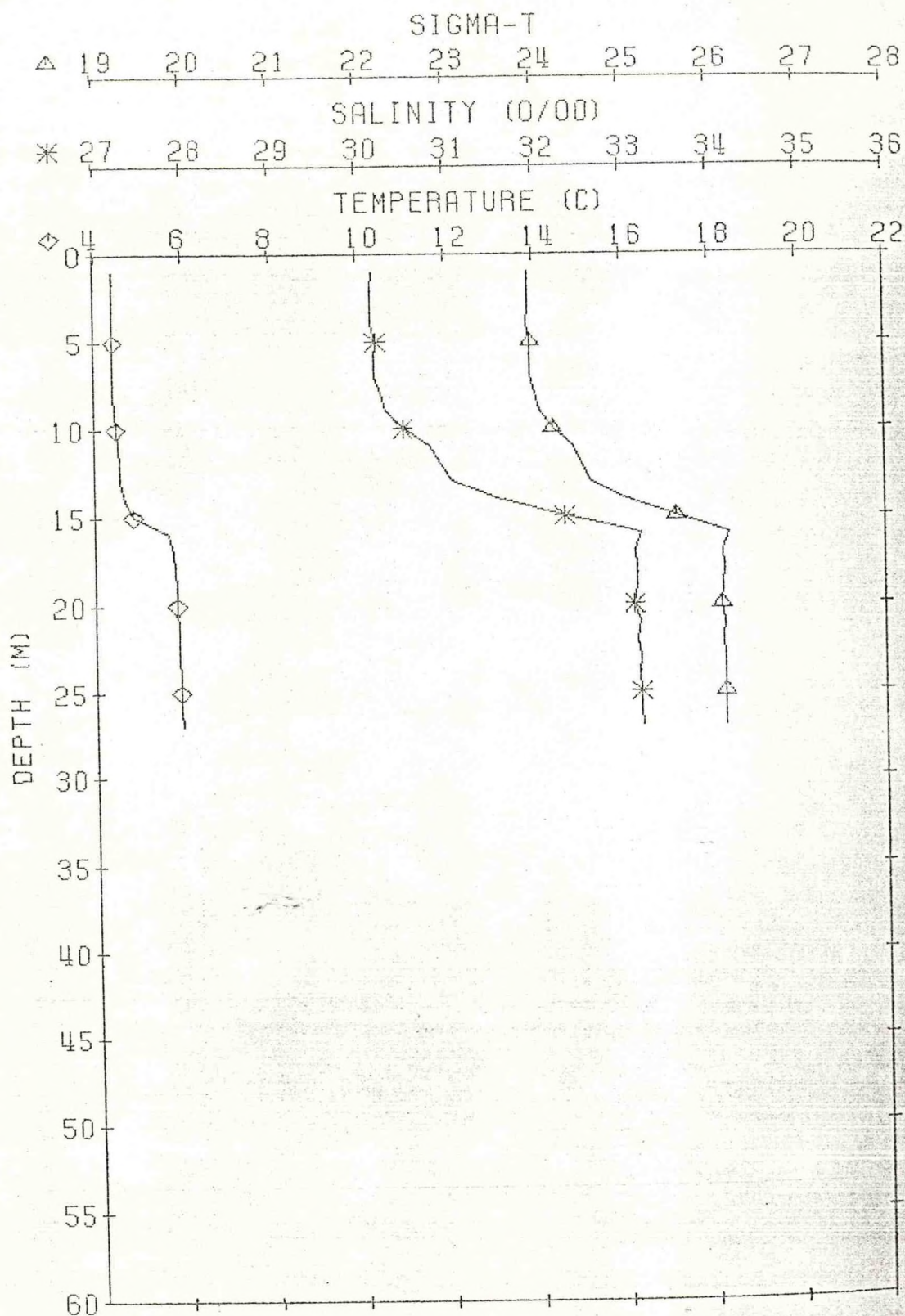
XWCC RESEARCHER CRS. 3 STA. 13 FEB. 28, 1975



RE CRS/STA 03/13 LAT 40 22.8N; LONG 73 46.5W GMT 14.5 03/04/75
DEPTH 032 AIR D/W -2.5/-4.2 BARO 12.9 VIS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 31/26 SEA DIR/HT 31/2 SWELL DIR/HT 32/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	4.43	30.18	23.94
2	4.42	30.16	23.93
3	4.42	30.16	23.93
4	4.42	30.15	23.92
5	4.43	30.20	23.96
6	4.43	30.20	23.96
7	4.43	30.19	23.95
8	4.43	30.26	24.00
9	4.44	30.32	24.06
10	4.48	30.51	24.20
11	4.53	30.81	24.43
12	4.55	30.94	24.53
13	4.57	31.06	24.62
14	4.69	31.57	25.02
15	4.85	32.34	25.60
16	5.65	33.20	26.20
17	5.75	33.14	26.14
18	5.79	33.16	26.15
19	5.82	33.15	26.14
20	5.84	33.12	26.11
21	5.87	33.19	26.16
22	5.87	33.16	26.14
23	5.89	33.19	26.16
24	5.90	33.18	26.15
25	5.91	33.19	26.16
26	5.92	33.19	26.16
27	5.94	33.20	26.16

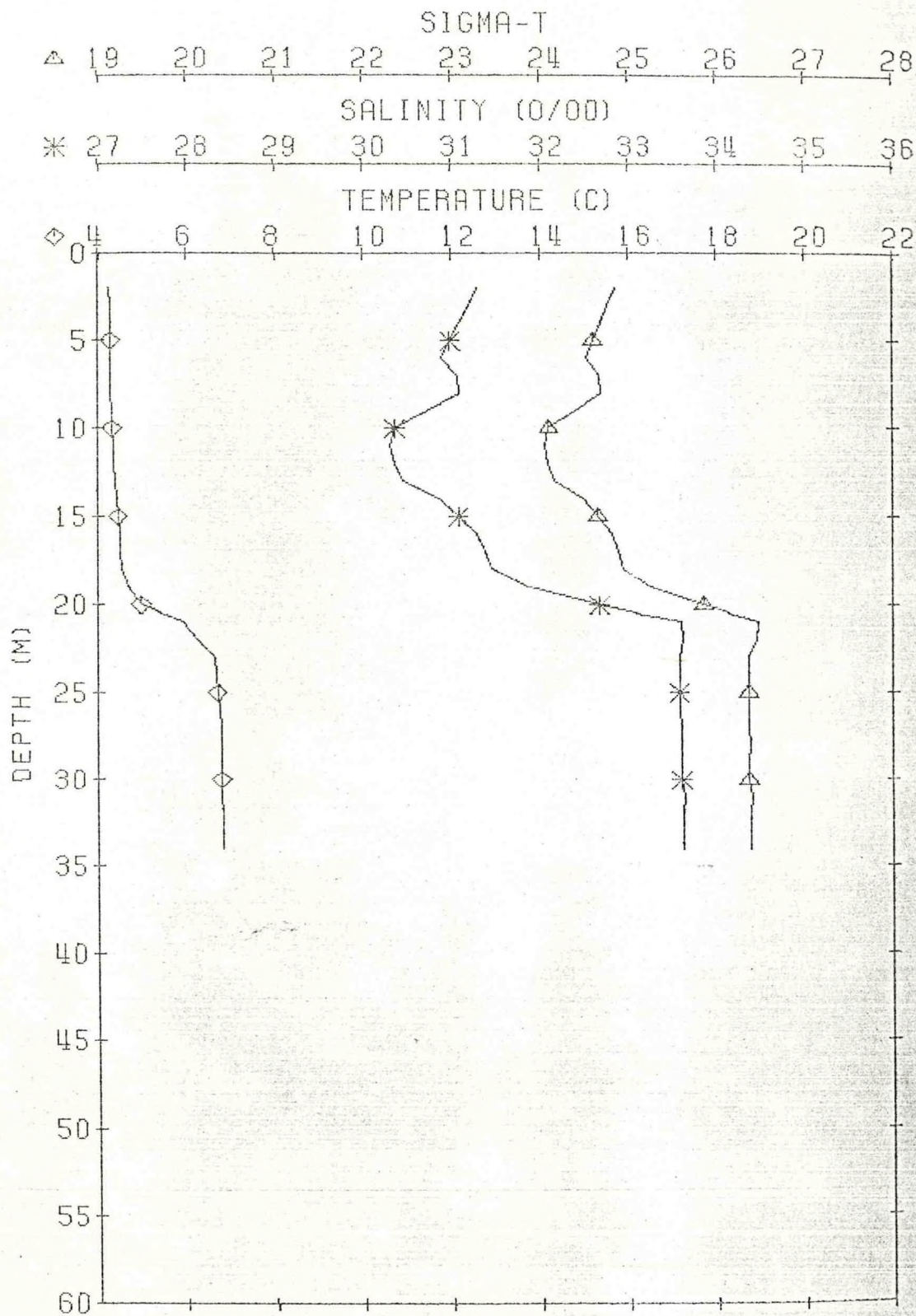
XWCC RESEARCHER CRS. 3 STA. 13 MARCH 4, 1975



RE CRS/STA 03/13 LAT 40 23.5N; LONG 73 46.4W GMT 16.4 03/04/75
DEPTH 038 AIR D/W -2.1/-4.2 BARO 13.5 VTS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 30/25 SEA DIR/HT 30/2 SWELL DIR/HT 32/2

DEPTH	TEMPERATURE	SALINITY	STGMA-T
2	4.25	31.29	24.84
3	4.25	31.19	24.76
4	4.26	31.08	24.67
5	4.26	30.98	24.59
6	4.27	30.88	24.51
7	4.27	31.07	24.66
8	4.27	31.09	24.68
9	4.29	30.72	24.38
10	4.31	30.35	24.09
11	4.35	30.30	24.05
12	4.34	30.35	24.09
13	4.37	30.44	24.16
14	4.40	30.86	24.48
15	4.44	31.07	24.65
16	4.48	31.29	24.81
17	4.50	31.37	24.88
18	4.51	31.45	24.94
19	4.66	31.86	25.25
20	4.96	32.66	25.85
21	5.92	33.59	26.47
22	6.25	33.60	26.44
23	6.64	33.56	26.36
24	6.67	33.57	26.36
25	6.70	33.57	26.35
26	6.74	33.58	26.36
27	6.78	33.59	26.36
28	6.77	33.60	26.37
29	6.78	33.59	26.36
30	6.78	33.59	26.36
31	6.80	33.63	26.39
32	6.82	33.61	26.37
33	6.81	33.60	26.37
34	6.82	33.62	26.38

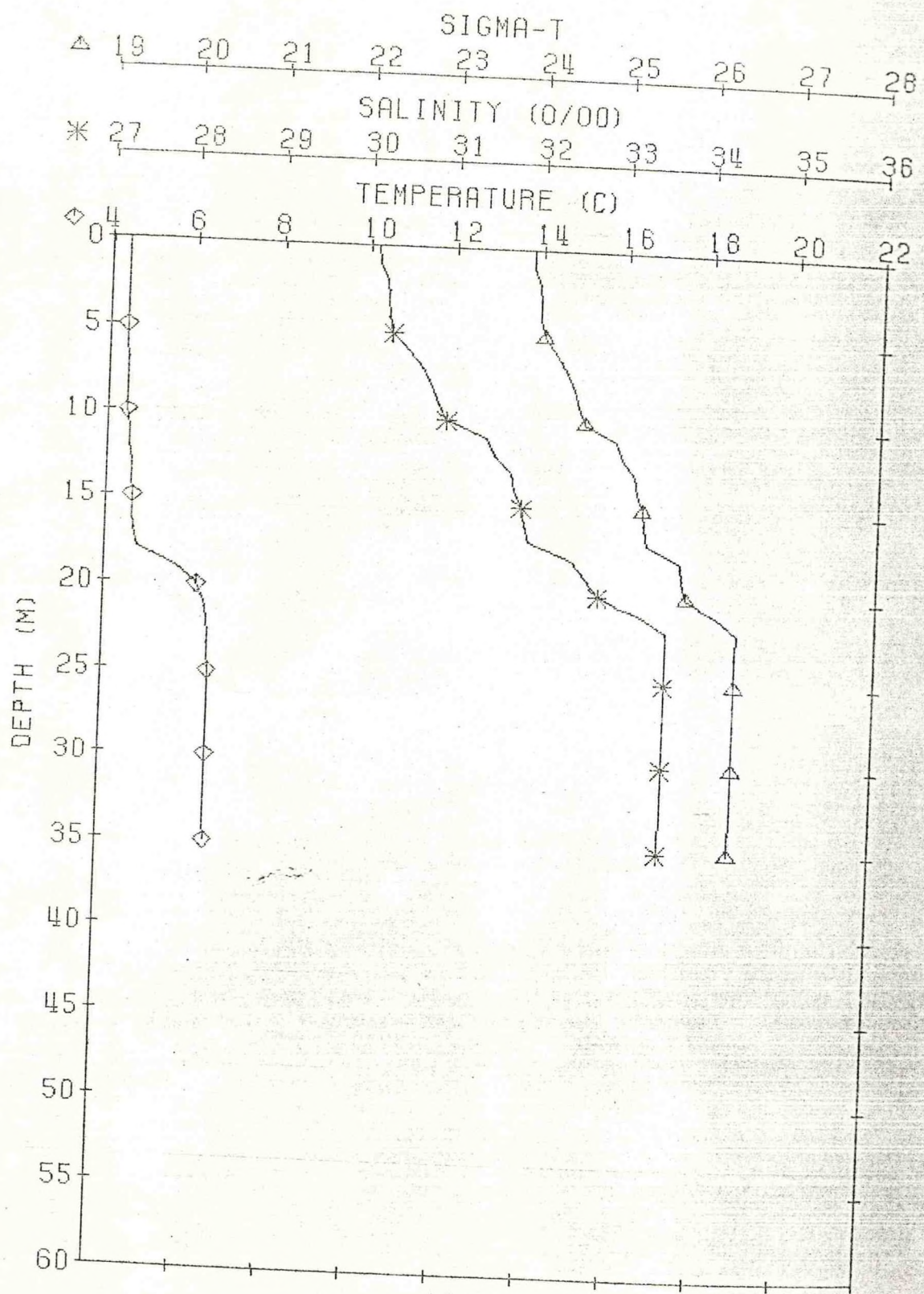
XWCC RESEARCHER CRS. 3 STA. 13 MARCH 4, 1975



RE CRS/STA 03/13 LAT 40 22.0N; LONG 73 47.0W GMT 18.4 03/04/75
DEPTH 040 AIR D/W 00.0/-3.1 BARO 12.2 VTS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 31/20 SEA DIR/HT 31/2 SWELL DIR/HT 30/2

DEPTH	TEMPERATURE	SALINITY	STGMA-T
0	4.39	30.09	23.87
1	4.39	30.10	23.88
2	4.38	30.19	23.95
3	4.38	30.21	23.97
4	4.38	30.22	23.98
5	4.38	30.27	24.02
6	4.39	30.47	24.17
7	4.40	30.62	24.30
8	4.41	30.74	24.39
9	4.43	30.81	24.44
10	4.43	30.91	24.52
11	4.48	31.40	24.90
12	4.50	31.49	24.97
13	4.55	31.68	25.12
14	4.56	31.72	25.15
15	4.60	31.81	25.22
16	4.61	31.84	25.24
17	4.62	31.90	25.28
18	4.73	32.41	25.68
19	5.65	32.57	25.70
20	6.17	32.73	25.76
21	6.34	33.20	26.11
22	6.43	33.54	26.37
23	6.45	33.53	26.36
24	6.47	33.53	26.35
25	6.48	33.53	26.35
26	6.48	33.53	26.35
27	6.49	33.53	26.35
28	6.49	33.53	26.35
29	6.49	33.53	26.35
30	6.49	33.53	26.35
31	6.50	33.53	26.35
32	6.50	33.53	26.35
33	6.49	33.53	26.35
34	6.51	33.51	26.34
35	6.51	33.51	26.33

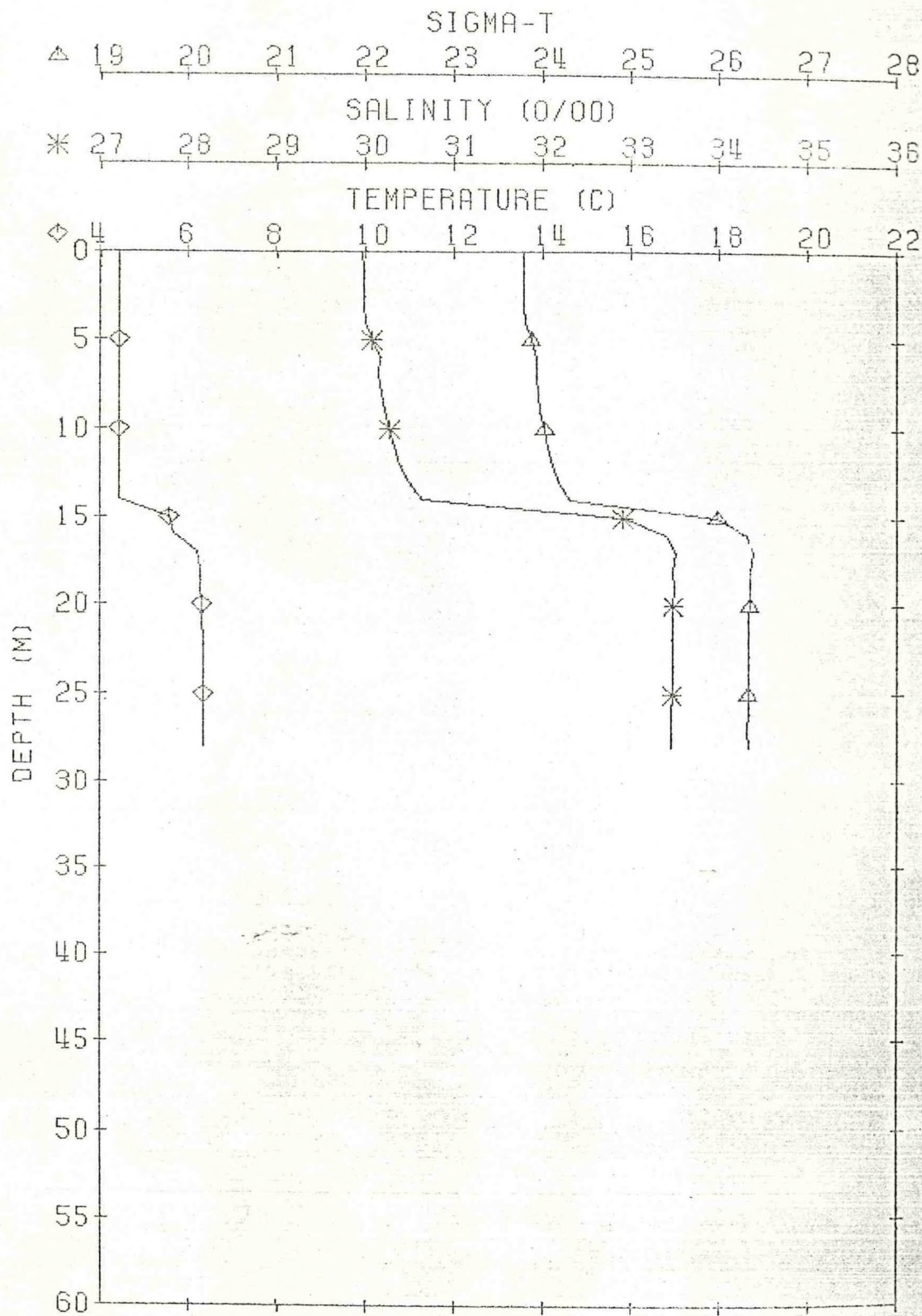
XWCC RESEARCHER CRS. 3 STA. 13 MARCH 4, 1975



RE CRS/STA 03/13 LAT 40 23.5N; LONG 73 46.4W GMT 20.3 03/04/75
DEPTH 033 AIR D/W 04.0/-0.5 BARO 12.5 VTS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 30/22 SEA DIR/HT 30/2 SWELL DIR/HT 30/2

DEPTH	TEMPERATURE	SALINITY	STGMA-T
0	4.42	29.96	23.77
1	4.42	29.97	23.78
2	4.42	29.97	23.78
3	4.42	29.97	23.78
4	4.42	29.98	23.79
5	4.42	30.07	23.86
6	4.43	30.15	23.92
7	4.43	30.14	23.91
8	4.42	30.17	23.93
9	4.43	30.20	23.96
10	4.42	30.26	24.01
11	4.43	30.32	24.05
12	4.43	30.38	24.10
13	4.43	30.48	24.18
14	4.43	30.63	24.30
15	5.55	32.90	25.97
16	5.64	33.40	26.30
17	6.20	33.50	26.37
18	6.26	33.47	26.33
19	6.29	33.48	26.34
20	6.31	33.47	26.33
21	6.33	33.46	26.32
22	6.34	33.46	26.32
23	6.34	33.46	26.32
24	6.34	33.46	26.32
25	6.34	33.46	26.31
26	6.34	33.45	26.31
27	6.34	33.45	26.31
28	6.34	33.45	26.31

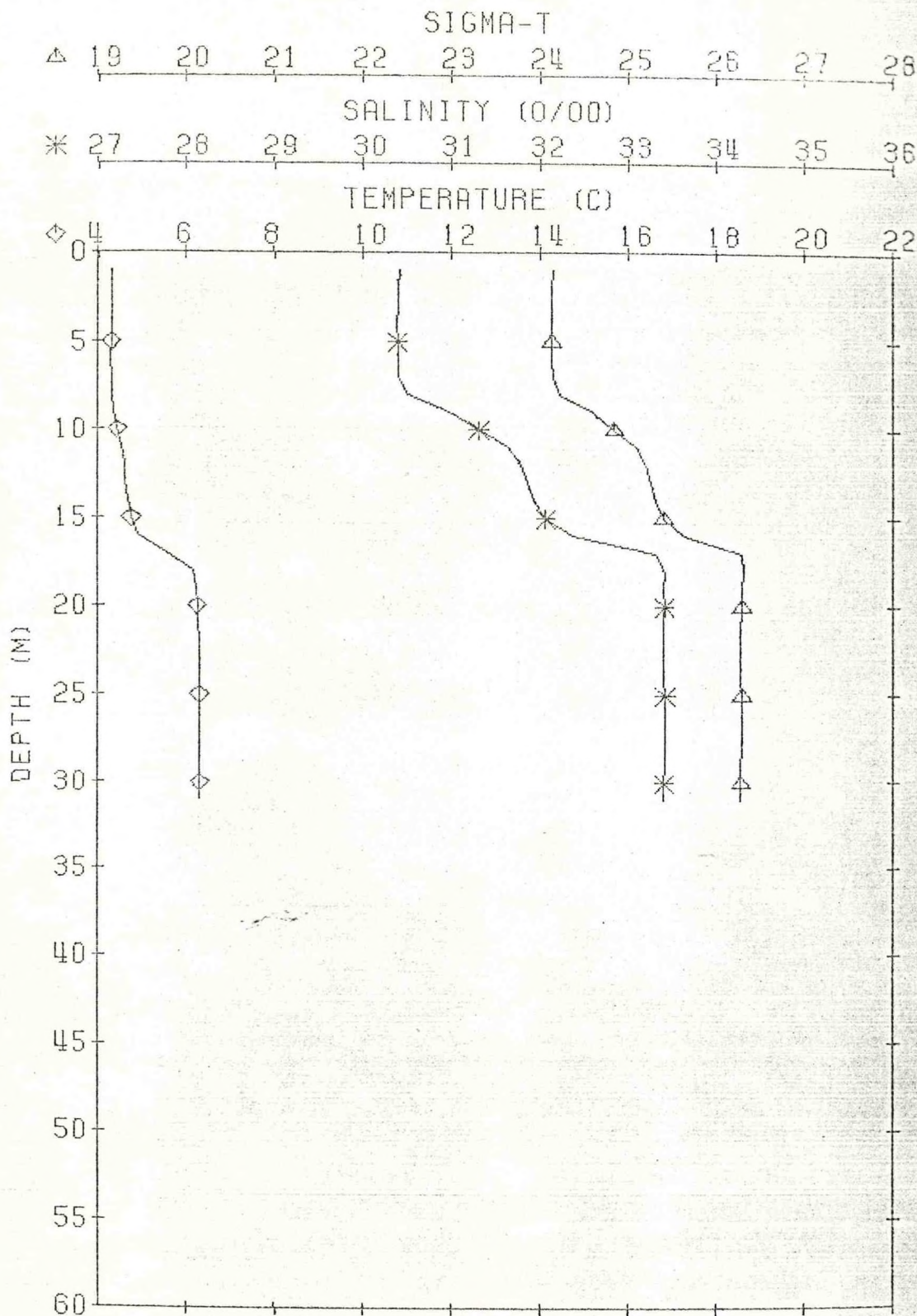
XWCC RESEARCHER CRS. 3 STA. 13 MARCH 4, 1975



RE CRS/STA 03/13 LAT 40 22.0N; LONG 73 47.0W GMT 02.3 03/05/75
DEPTH 036 AIR D/W 02.0/-1.8 BARO 17.3 VTS 8 cLd TYP/cVR X/0
WETHR 0 WIND DIR/SPD 33/16 SEA DIR/HT 33/1 SWELL DIR/HT 30/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	4.29	30.40	24.13
2	4.29	30.39	24.12
3	4.29	30.39	24.12
4	4.30	30.38	24.11
5	4.29	30.38	24.12
6	4.29	30.39	24.12
7	4.29	30.40	24.13
8	4.30	30.51	24.22
9	4.34	30.98	24.58
10	4.43	31.30	24.83
11	4.52	31.63	25.08
12	4.60	31.77	25.19
13	4.61	31.85	25.24
14	4.67	31.93	25.30
15	4.75	32.05	25.39
16	4.88	32.36	25.62
17	5.54	33.30	26.29
18	6.17	33.40	26.29
19	6.22	33.40	26.28
20	6.26	33.40	26.28
21	6.28	33.39	26.27
22	6.29	33.38	26.26
23	6.30	33.39	26.26
24	6.31	33.39	26.27
25	6.32	33.41	26.28
26	6.32	33.40	26.27
27	6.33	33.40	26.27
28	6.32	33.40	26.27
29	6.33	33.40	26.27
30	6.33	33.40	26.27
31	6.33	33.40	26.27

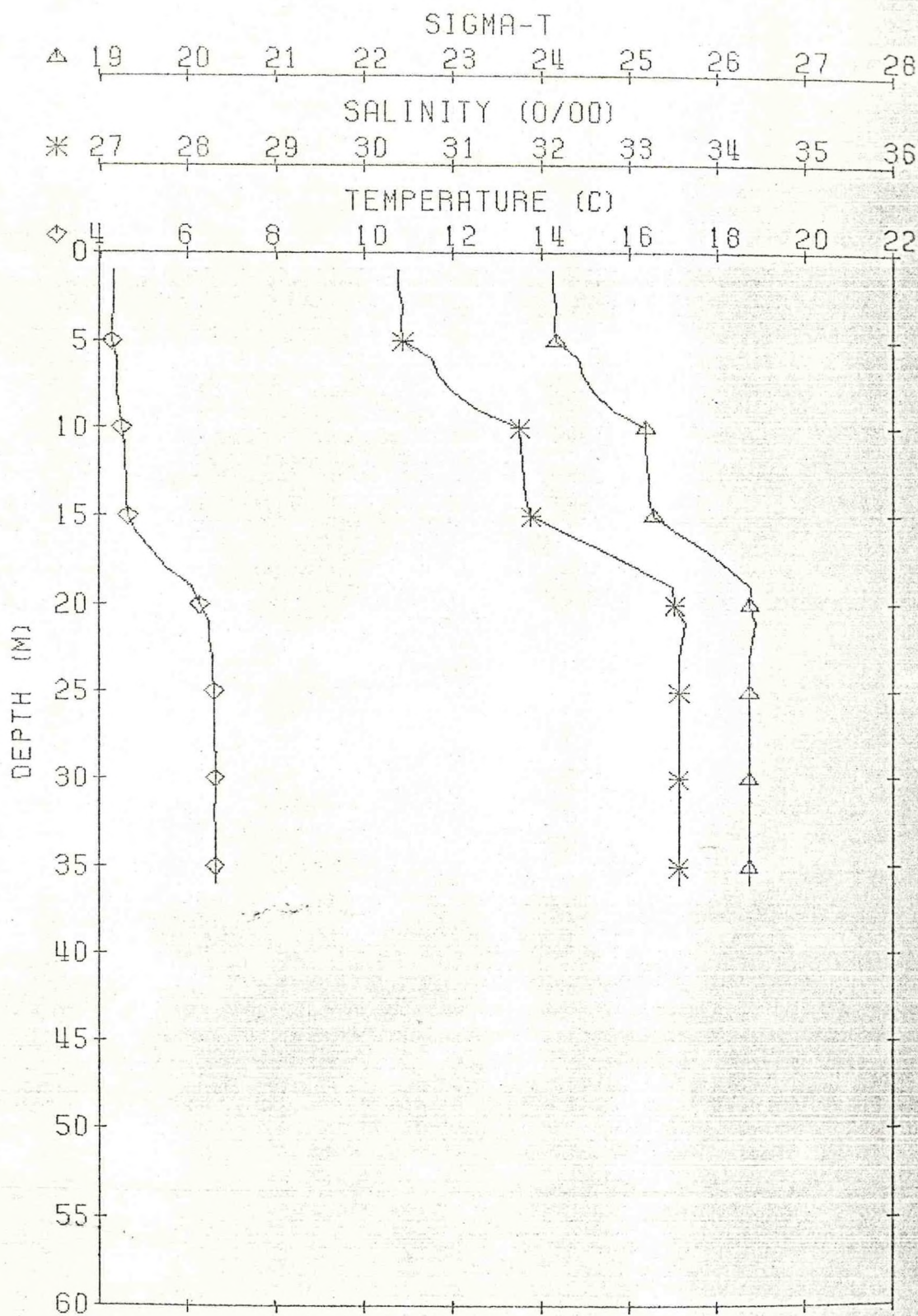
XWCC RESEARCHER CRS. 3 STA. 13 MARCH 5, 1975



RE CRS/STA 03/13 LAT 40 23.0N; LONG 73 47.0W GMT 01.3 03/05/75
DEPTH 042 AIR D/W 02.9/-1.0 BARO 15.6 VTS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 32/18 SEA DIR/HT 32/2 SWELL DIR/HT 30/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	4.42	30.65	24.32
2	4.41	30.58	24.26
3	4.43	30.60	24.27
4	4.44	30.61	24.28
5	4.45	30.61	24.28
6	4.41	30.57	24.25
7	4.41	30.56	24.24
8	4.41	30.71	24.36
9	4.44	30.88	24.49
10	4.46	31.03	24.61
11	4.54	31.44	24.93
12	4.60	31.60	25.05
13	4.60	31.62	25.07
14	4.64	31.90	25.28
15	4.66	31.97	25.34
16	4.72	32.12	25.45
17	4.93	32.41	25.66
18	5.47	33.08	26.13
19	5.68	33.33	26.30
20	6.20	33.62	26.46
21	6.34	33.53	26.37
22	6.38	33.48	26.33
23	6.39	33.46	26.31
24	6.39	33.46	26.31
25	6.40	33.46	26.31
26	6.42	33.47	26.32
27	6.44	33.49	26.33
28	6.46	33.51	26.34
29	6.46	33.49	26.32
30	6.47	33.49	26.32
31	6.47	33.49	26.32
32	6.47	33.50	26.33
33	6.50	33.53	26.35
34	6.52	33.52	26.34
35	6.52	33.51	26.33
36	6.52	33.51	26.33

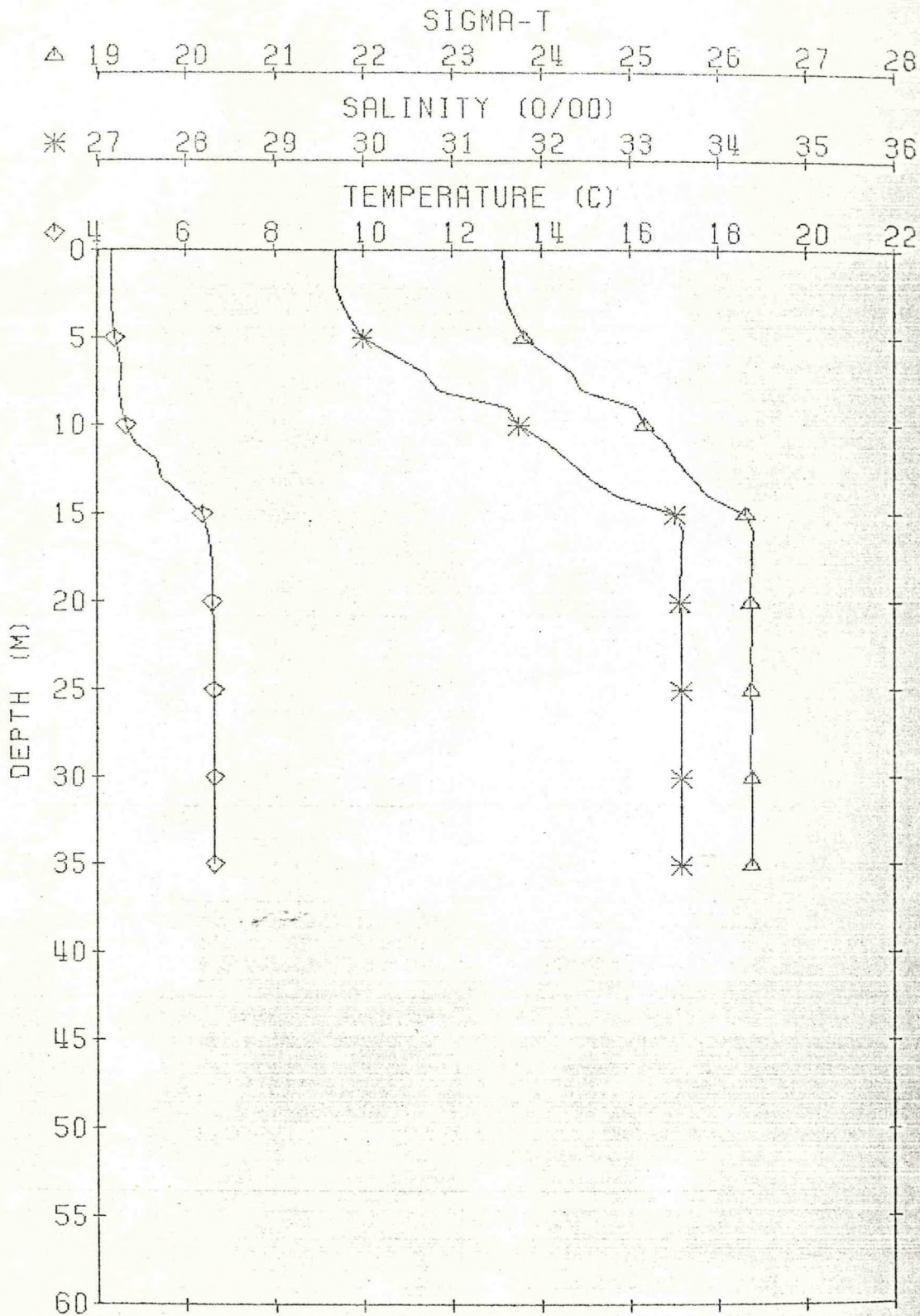
XWCC RESEARCHER CRS. 3 STA. 13 MARCH 5, 1975



RE CRS/STA 03/13 LAT 40 22.9N; LONG 73 47.4W GMT 22.8 03/04/75
DEPTH 038 AIR D/W 02.0/-1.0 BARO 14.2 VIS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 31/20 SEA DIR/HT 31/2 SWELL DIR/HT 30/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	4.31	29.68	23.55
1	4.31	29.69	23.56
2	4.31	29.69	23.57
3	4.33	29.76	23.62
4	4.35	29.86	23.70
5	4.39	29.98	23.79
6	4.50	30.34	24.06
7	4.51	30.69	24.34
8	4.50	30.83	24.45
9	4.53	31.60	25.06
10	4.64	31.74	25.15
11	4.83	32.07	25.40
12	5.34	32.30	25.52
13	5.44	32.53	25.69
14	5.91	32.84	25.88
15	6.38	33.50	26.30
16	6.49	33.59	26.40
17	6.58	33.57	26.37
18	6.60	33.57	26.37
19	6.61	33.56	26.36
20	6.61	33.56	26.36
21	6.62	33.58	26.37
22	6.63	33.58	26.37
23	6.63	33.57	26.36
24	6.64	33.57	26.37
25	6.63	33.57	26.36
26	6.64	33.57	26.37
27	6.65	33.57	26.36
28	6.65	33.57	26.36
29	6.65	33.57	26.36
30	6.65	33.58	26.37
31	6.65	33.58	26.37
32	6.65	33.58	26.37
33	6.65	33.58	26.37
34	6.65	33.58	26.37
35	6.65	33.58	26.37

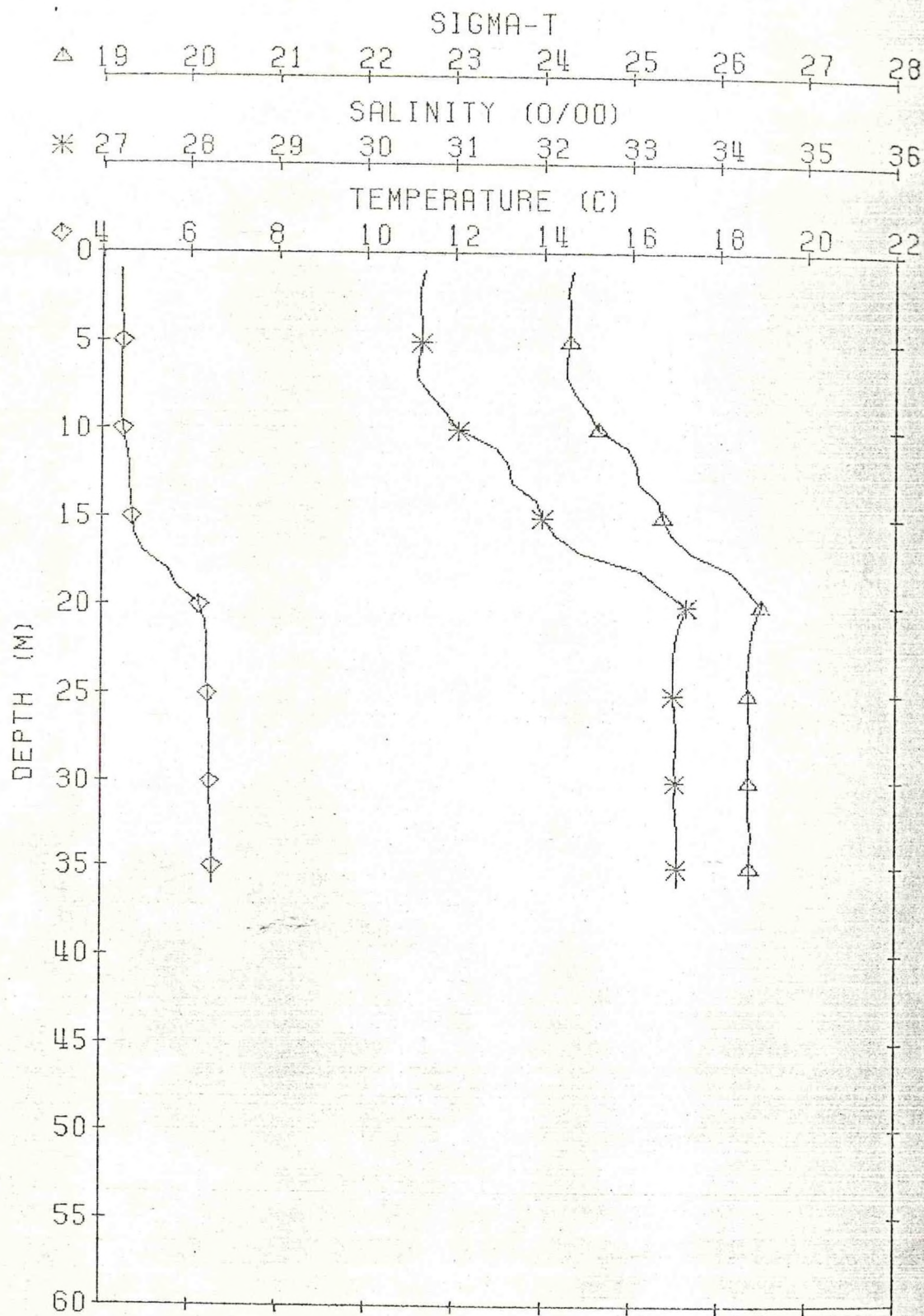
XWCC RESEARCHER CRS. 3 STA. 13 MARCH 4, 1975



RE CRS/STA 03/13 LAT 40 24.1N; LONG 73 47.6W GMT 04.4 03/05/75
DEPTH 039 AIR D/W 01.5/-2.0 BARO 18.3 VTS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 34/12 SEA DIR/HT 34/1 SWELL DIR/HT 30/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	4.31	30.38	24.11
2	4.30	30.38	24.11
3	4.30	30.42	24.15
4	4.29	30.40	24.13
5	4.28	30.43	24.15
6	4.38	30.75	24.40
7	4.40	30.83	24.46
8	4.39	31.00	24.60
9	4.46	31.28	24.81
10	4.50	31.74	25.17
11	4.58	31.75	25.17
12	4.58	31.77	25.19
13	4.58	31.79	25.20
14	4.60	31.80	25.21
15	4.63	31.87	25.26
16	4.80	32.26	25.55
17	5.18	32.73	25.88
18	5.50	33.10	26.14
19	6.08	33.48	26.37
20	6.27	33.51	26.36
21	6.47	33.62	26.42
22	6.50	33.58	26.39
23	6.57	33.55	26.36
24	6.58	33.55	26.36
25	6.60	33.55	26.35
26	6.61	33.55	26.35
27	6.61	33.55	26.35
28	6.62	33.55	26.35
29	6.62	33.55	26.35
30	6.62	33.55	26.35
31	6.62	33.55	26.35
32	6.62	33.55	26.35
33	6.62	33.55	26.35
34	6.62	33.55	26.35
35	6.62	33.55	26.35
36	6.62	33.55	26.35

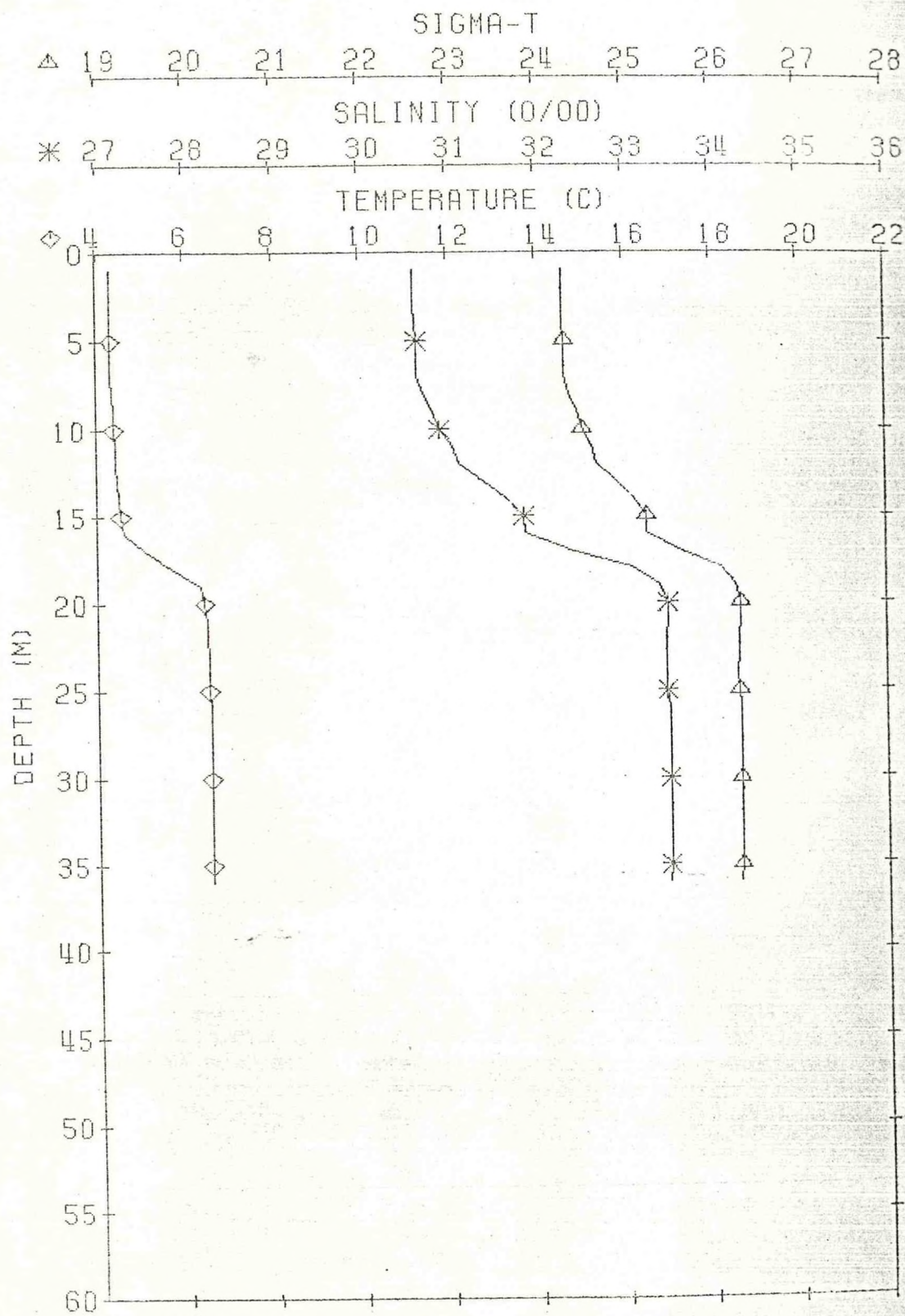
XWCC RESEARCHER CRS. 3 STA. 13 MARCH 5, 1975



RE CRS/STA 03/13 LAT 40 22.6N; LONG 73 47.0W GMT 06.2 03/05/75
DEPTH 038 AIR D/W 00.0/-2.5 BARO 20.0 VIS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 29/12 SEA DIR/HT 29/1 SWELL DIR/HT 30/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	4.31	30.61	24.30
2	4.30	30.62	24.30
3	4.30	30.61	24.30
4	4.30	30.62	24.30
5	4.32	30.64	24.32
6	4.32	30.65	24.32
7	4.33	30.65	24.33
8	4.34	30.71	24.37
9	4.36	30.82	24.46
10	4.38	30.90	24.52
11	4.41	31.04	24.63
12	4.43	31.12	24.69
13	4.45	31.38	24.89
14	4.48	31.64	25.09
15	4.54	31.84	25.25
16	4.62	31.86	25.25
17	5.09	32.36	25.60
18	5.65	33.08	26.10
19	6.36	33.40	26.27
20	6.43	33.48	26.32
21	6.49	33.48	26.31
22	6.51	33.47	26.30
23	6.52	33.46	26.30
24	6.53	33.46	26.29
25	6.54	33.47	26.30
26	6.55	33.49	26.31
27	6.56	33.49	26.31
28	6.56	33.49	26.31
29	6.56	33.49	26.31
30	6.57	33.49	26.31
31	6.56	33.50	26.31
32	6.57	33.49	26.31
33	6.57	33.49	26.31
34	6.56	33.49	26.31
35	6.57	33.49	26.31
36	6.57	33.48	26.30

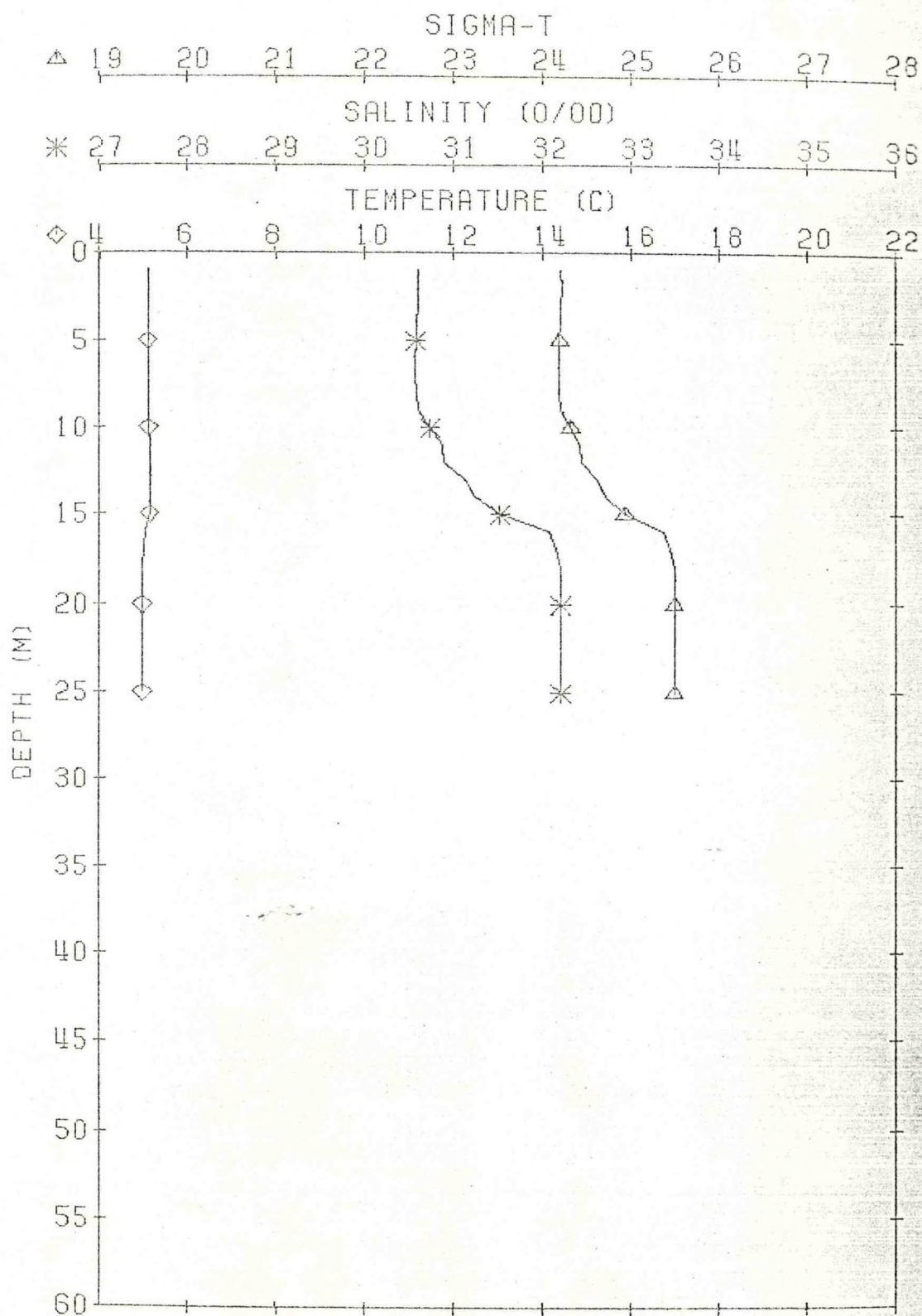
XWCC RESEARCHER CRS. 3 STA. 13 MARCH 5, 1975



RE CRS/STA 03/14 LAT 40 22.2N; LONG 73 37.4W GMT 03.0 02/27/75
DEPTH 027 AIR D/W 06.2/02.5 BARO 14.6 VTS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 27/18 SEA DIR/HT 27/2 SWELL DIR/HT 26/3

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.12	30.58	24.19
2	5.10	30.60	24.20
3	5.10	30.58	24.19
4	5.10	30.57	24.19
5	5.09	30.57	24.18
6	5.09	30.56	24.18
7	5.09	30.55	24.17
8	5.09	30.57	24.18
9	5.09	30.58	24.19
10	5.12	30.73	24.30
11	5.14	30.86	24.41
12	5.15	30.88	24.43
13	5.15	31.12	24.61
14	5.14	31.23	24.70
15	5.13	31.51	24.92
16	5.04	32.06	25.36
17	5.01	32.13	25.42
18	4.97	32.19	25.47
19	4.97	32.19	25.47
20	4.97	32.19	25.48
21	4.97	32.19	25.48
22	4.97	32.19	25.48
23	4.97	32.19	25.48
24	4.97	32.19	25.48
25	4.97	32.19	25.48

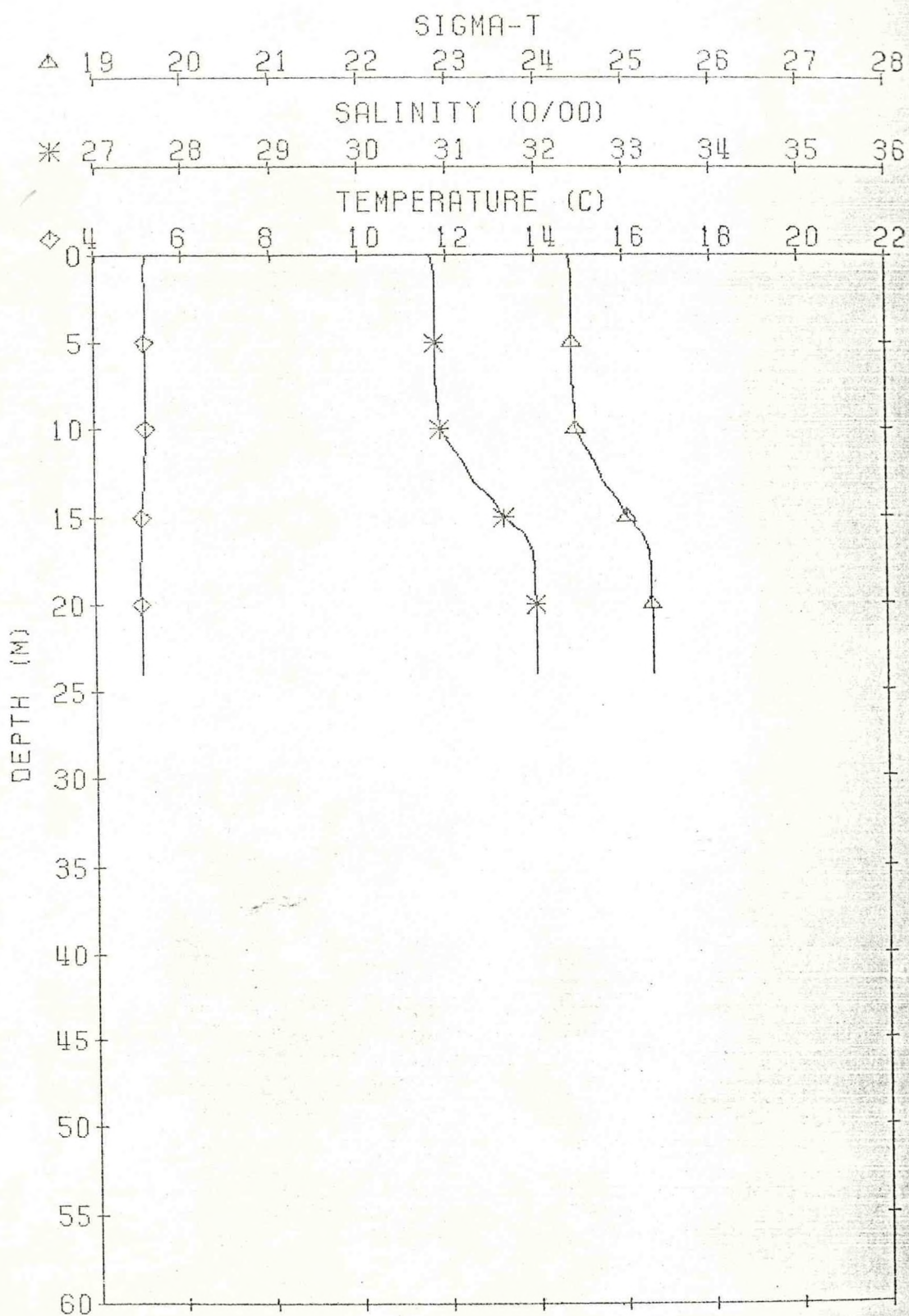
XWCC RESEARCHER CRS. 3 STA. 14 FEB. 27, 1975



RE CRS/STA 03/15 LAT 40 24.6N; LONG 73 29.4W GMT 06.3 02/28/75
DEPTH 025 AIR D/W 05.0/01.0 BARO 15.9 VIS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 29/18 SEA DIR/HT 29/1 SWELL DIR/HT 49/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	5.16	30.81	24.37
1	5.13	30.86	24.41
2	5.13	30.85	24.40
3	5.14	30.86	24.40
4	5.15	30.86	24.40
5	5.12	30.86	24.41
6	5.13	30.86	24.41
7	5.13	30.87	24.42
8	5.13	30.87	24.42
9	5.13	30.90	24.44
10	5.14	30.91	24.45
11	5.13	31.05	24.56
12	5.11	31.20	24.68
13	5.10	31.29	24.75
14	5.07	31.51	24.93
15	5.05	31.63	25.03
16	5.03	31.87	25.22
17	5.02	31.96	25.29
18	5.02	31.98	25.30
19	5.02	31.98	25.31
20	5.02	31.98	25.31
21	5.02	31.99	25.31
22	5.02	31.99	25.31
23	5.02	31.99	25.31
24	5.02	31.99	25.31

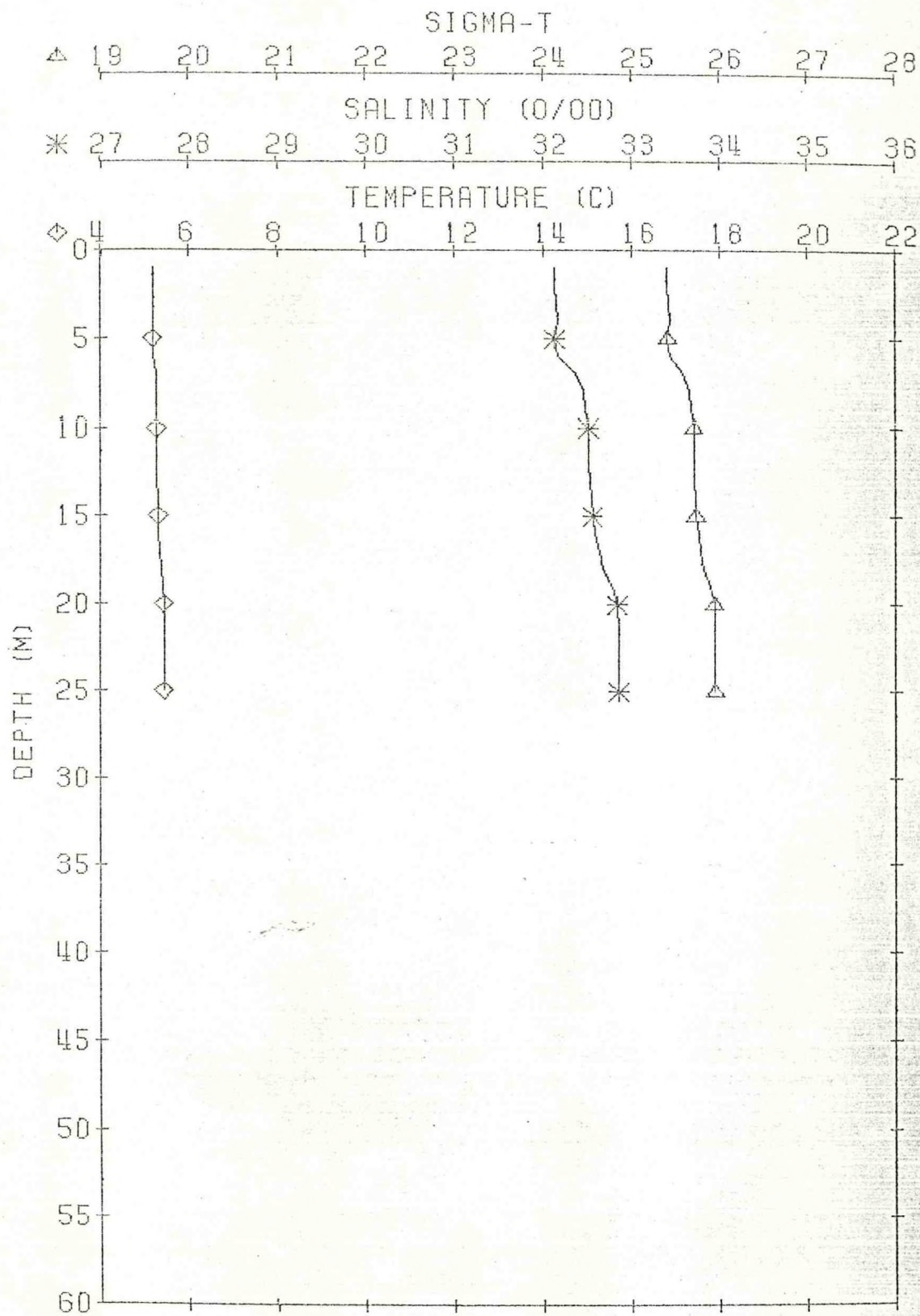
XWCC RESEARCHER CRS. 3 STA. 15 FEB. 28, 1975



RE CRS/STA 03/17 LAT 40 19.0N; LONG 73 52.0W GMT 07.1 02/27/75
DEPTH 024 AIR D/W 05.1/01.1 BARO 15.2 VTS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 27/14 SEA DIR/HT 27/1 SWELL DIR/HT 27/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.17	32.12	25.40
2	5.17	32.12	25.40
3	5.17	32.13	25.41
4	5.17	32.15	25.42
5	5.17	32.12	25.40
6	5.19	32.16	25.43
7	5.26	32.36	25.58
8	5.25	32.44	25.65
9	5.24	32.47	25.67
10	5.24	32.50	25.69
11	5.24	32.50	25.70
12	5.24	32.51	25.70
13	5.25	32.52	25.70
14	5.28	32.53	25.71
15	5.29	32.55	25.72
16	5.31	32.58	25.75
17	5.35	32.63	25.78
18	5.37	32.67	25.81
19	5.40	32.77	25.89
20	5.42	32.83	25.93
21	5.42	32.84	25.94
22	5.43	32.85	25.94
23	5.43	32.85	25.94
24	5.43	32.85	25.94
25	5.43	32.85	25.94

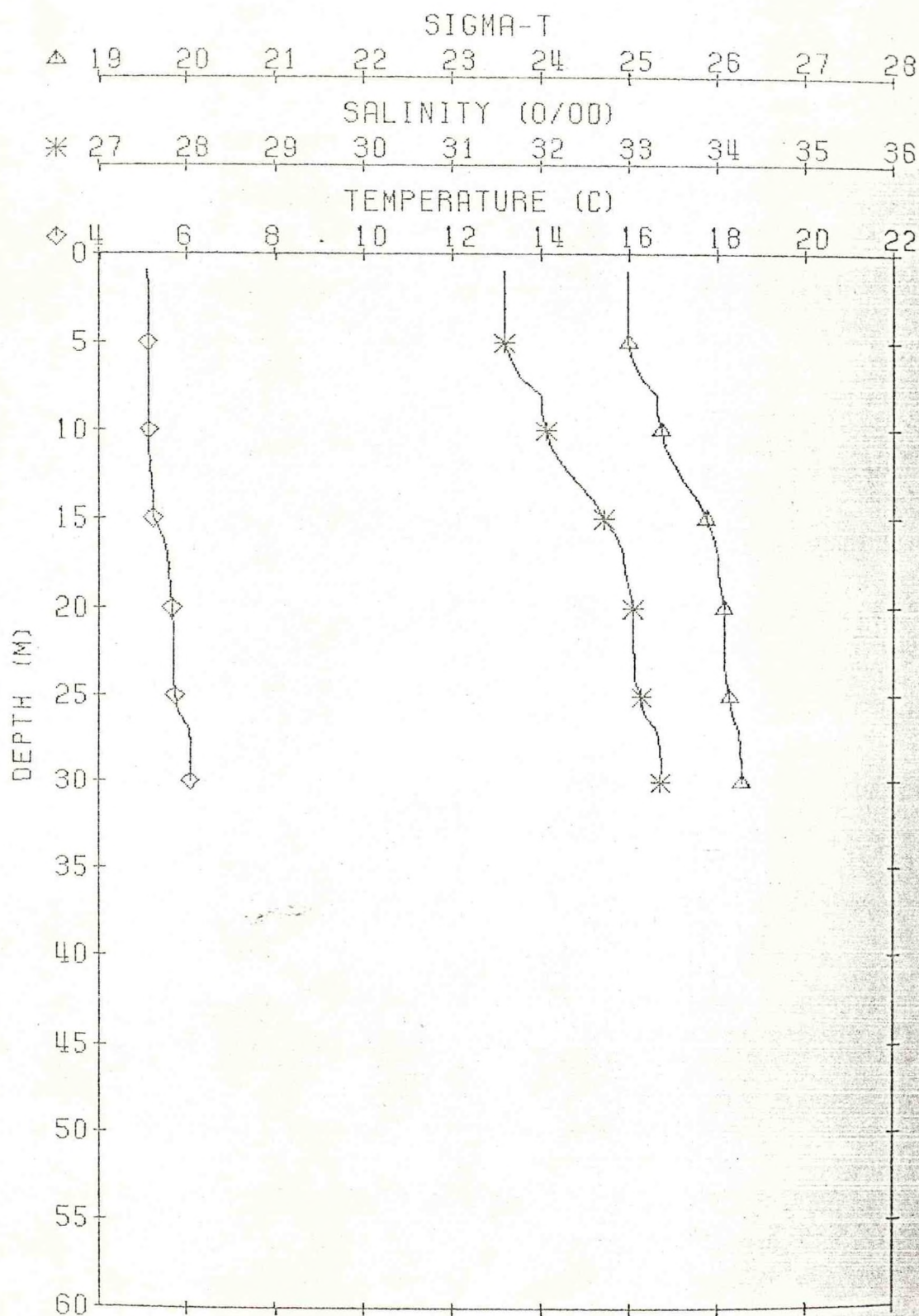
XWCC RESEARCHER CRS. 3 STA. 17 FEB. 27, 1975



RE CRS/STA 03/18 LAT 40 19.0N; LONG 73 46.0W GMT 04.9 02/27/75
DEPTH 031 AIR D/W 05.8/01.8 BARO 15.2 VIS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 28/12 SEA DIR/HT 28/1 SWELL DIR/HT 27/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.09	31.57	24.97
2	5.09	31.58	24.98
3	5.09	31.58	24.98
4	5.09	31.58	24.98
5	5.09	31.58	24.98
6	5.11	31.64	25.03
7	5.12	31.75	25.12
8	5.12	32.00	25.31
9	5.12	32.00	25.31
10	5.12	32.05	25.35
11	5.13	32.10	25.39
12	5.14	32.23	25.49
13	5.17	32.38	25.61
14	5.21	32.57	25.75
15	5.21	32.70	25.86
16	5.44	32.84	25.94
17	5.55	32.92	25.99
18	5.57	32.93	25.99
19	5.62	32.99	26.04
20	5.66	33.02	26.06
21	5.68	33.04	26.06
22	5.68	33.03	26.06
23	5.69	33.04	26.06
24	5.69	33.05	26.08
25	5.73	33.12	26.13
26	5.79	33.16	26.15
27	6.05	33.30	26.23
28	6.08	33.34	26.25
29	6.08	33.35	26.26
30	6.08	33.34	26.26

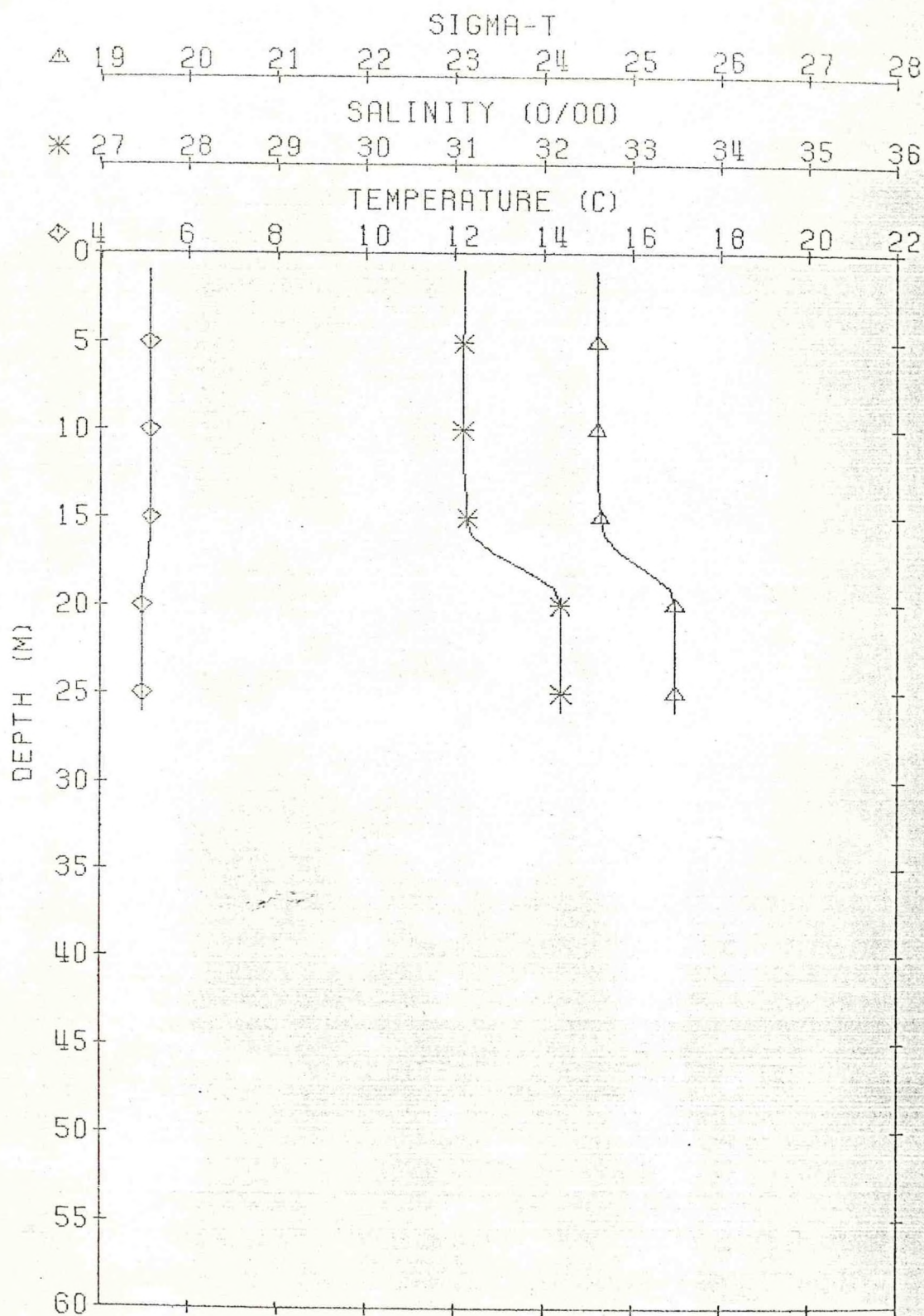
XWCC RESEARCHER CRS. 3 STA. 18 FEB. 27, 1975



RE CRS/STA 03/19 LAT 40 19.2N; LONG 73 36.7W GMT 00.5 02/27/75
DEPTH 027 AIR D/W 27.2/04.0 BARO 12.9 VIS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 27/14 SEA DIR/HT 27/2 SWELL DIR/HT 26/4

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.12	31.10	24.60
2	5.12	31.10	24.60
3	5.12	31.10	24.60
4	5.12	31.09	24.59
5	5.12	31.09	24.59
6	5.12	31.08	24.59
7	5.12	31.08	24.58
8	5.11	31.08	24.58
9	5.12	31.08	24.58
10	5.12	31.08	24.58
11	5.12	31.08	24.58
12	5.12	31.08	24.58
13	5.12	31.10	24.60
14	5.13	31.12	24.62
15	5.12	31.13	24.62
16	5.11	31.18	24.66
17	5.09	31.41	24.85
18	5.03	31.77	25.14
19	4.94	32.10	25.41
20	4.92	32.17	25.46
21	4.92	32.17	25.46
22	4.92	32.17	25.46
23	4.93	32.17	25.47
24	4.93	32.17	25.47
25	4.93	32.17	25.46
26	4.93	32.17	25.47

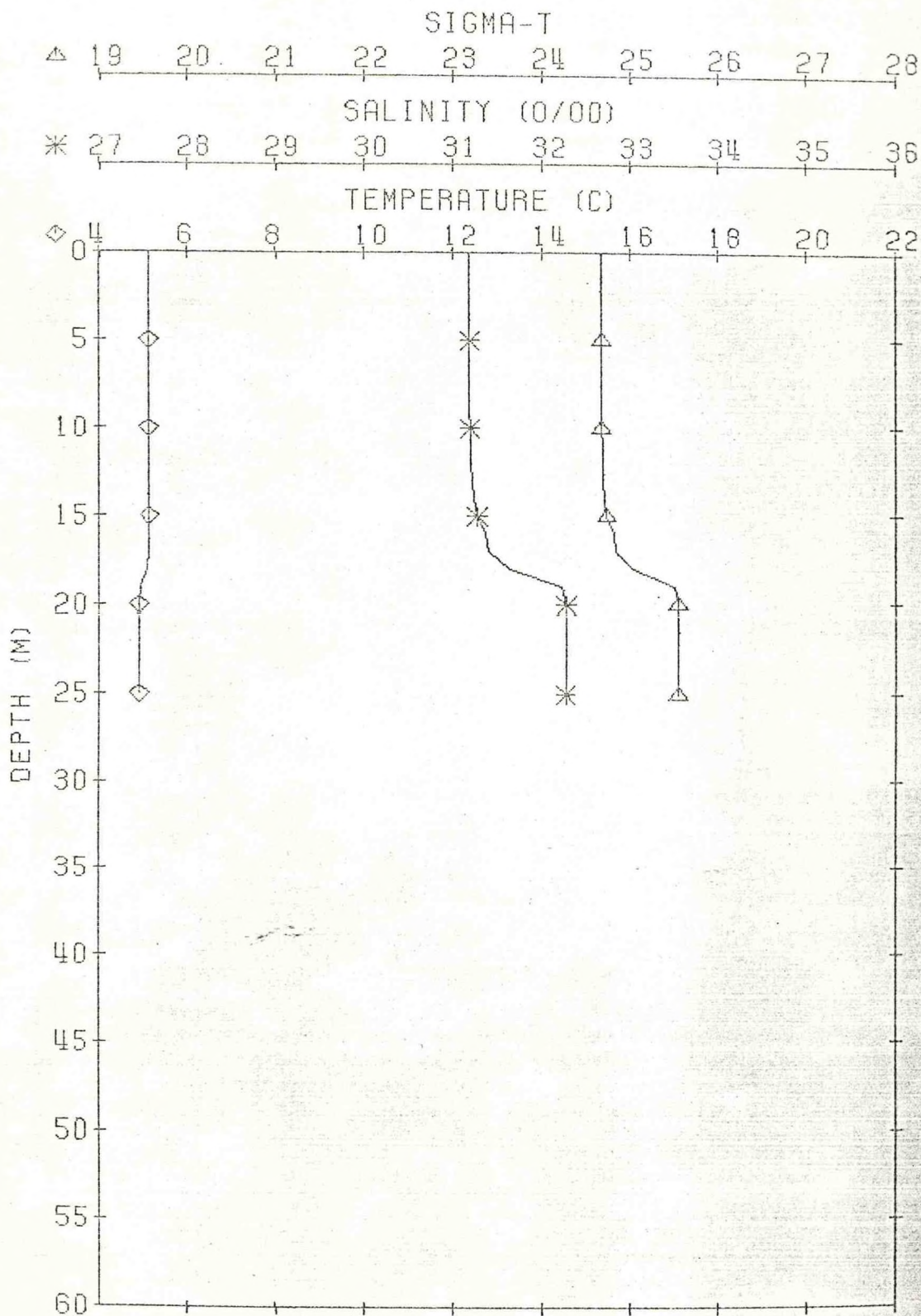
XWCC RESEARCHER CRS. 3 STA. 19 FEB. 27, 1975



RE CR5/STA 03/19 LAT 40 19.2N; LONG 73 36.7W GMT 01.6 02/27/75
DEPTH 027 AIR D/W 06.7/02.5 BARO 13.9 VTS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 28/16 SEA DIR/HT 28/2 SWELL DIR/HT 26/4

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	5.11	31.18	24.66
1	5.10	31.18	24.66
2	5.11	31.18	24.66
3	5.11	31.18	24.66
4	5.11	31.18	24.66
5	5.11	31.18	24.66
6	5.11	31.18	24.66
7	5.10	31.18	24.66
8	5.10	31.18	24.66
9	5.11	31.18	24.66
10	5.11	31.18	24.67
11	5.12	31.19	24.67
12	5.12	31.20	24.68
13	5.12	31.21	24.68
14	5.12	31.22	24.69
15	5.12	31.26	24.73
16	5.11	31.35	24.80
17	5.10	31.39	24.83
18	5.08	31.63	25.03
19	4.93	32.21	25.50
20	4.90	32.26	25.54
21	4.90	32.26	25.54
22	4.90	32.26	25.54
23	4.90	32.26	25.54
24	4.90	32.26	25.54
25	4.90	32.26	25.54

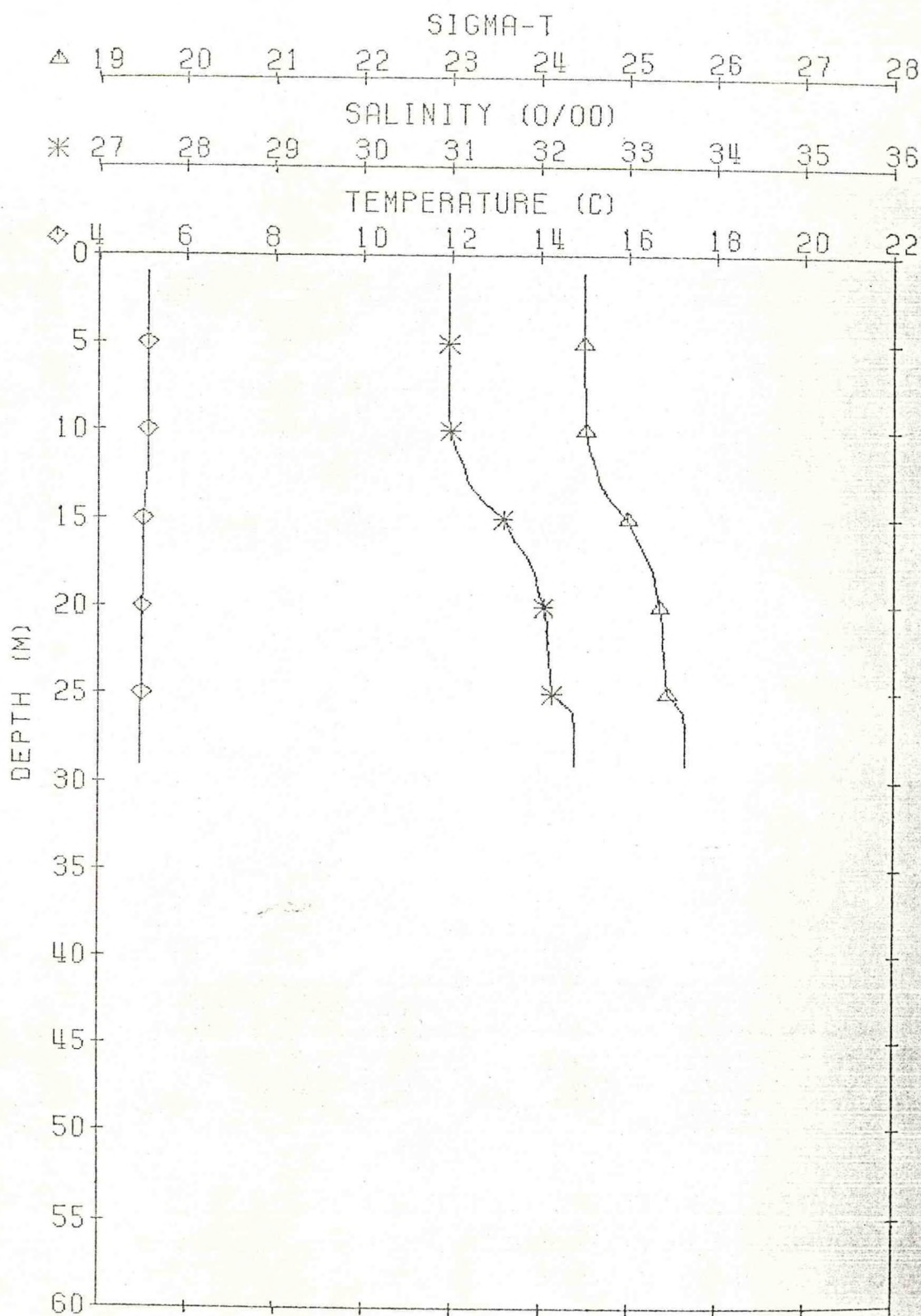
XWCC RESEARCHER CRS. 3 STA. 19 FEB. 27, 1975



RE CRS/STA 03/20 LAT 40 20.2N; LONG 73 28.7W GMT 08.2 02/28/75
DEPTH 029 AIR D/W 02.5/00.0 BARO 16.3 VIS 8 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 33/12 SEA DIR/HT 33/1 SWELL DIR/HT 29/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.10	30.95	24.48
2	5.10	30.95	24.48
3	5.10	30.95	24.48
4	5.11	30.95	24.48
5	5.10	30.95	24.49
6	5.10	30.95	24.49
7	5.10	30.96	24.49
8	5.11	30.96	24.49
9	5.11	30.96	24.49
10	5.11	30.98	24.50
11	5.13	31.02	24.54
12	5.11	31.11	24.61
13	5.08	31.18	24.66
14	5.02	31.33	24.79
15	5.01	31.57	24.98
16	5.01	31.67	25.06
17	5.00	31.81	25.18
18	4.99	31.92	25.26
19	4.99	31.96	25.29
20	4.98	32.02	25.34
21	4.97	32.06	25.38
22	4.97	32.07	25.38
23	4.97	32.07	25.38
24	4.97	32.10	25.41
25	4.96	32.12	25.42
26	4.93	32.35	25.61
27	4.93	32.37	25.62
28	4.92	32.37	25.62
29	4.92	32.37	25.62

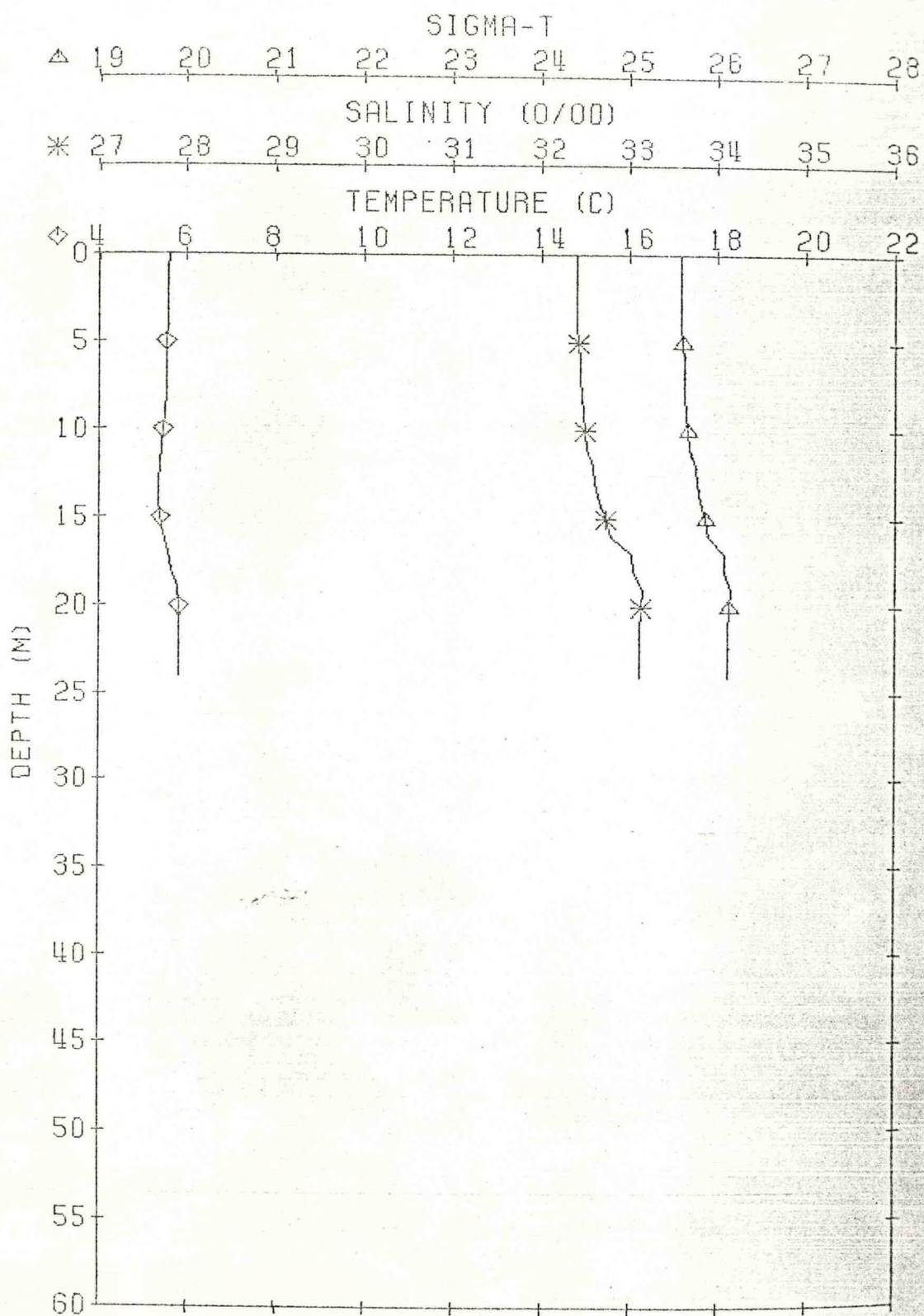
XWCC RESEARCHER CRS. 3 STA. 20 FEB. 28, 1975



RE CRS/STA 03/22 LAT 40 14.4N; LONG 73 51.0W GMT 21.3 02/27/75
DEPTH 025 AIR D/W 08.8/04.2 RARO 13.2 VIS R CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 28/15 SEA DIR/HT 28/1 SWELL DIR/HT 23/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	5.56	32.39	25.57
1	5.55	32.39	25.57
2	5.54	32.40	25.58
3	5.53	32.40	25.58
4	5.53	32.38	25.57
5	5.52	32.41	25.59
6	5.52	32.43	25.60
7	5.51	32.43	25.61
8	5.50	32.44	25.62
9	5.48	32.46	25.63
10	5.44	32.48	25.65
11	5.41	32.50	25.67
12	5.35	32.57	25.73
13	5.32	32.60	25.76
14	5.33	32.64	25.79
15	5.37	32.72	25.85
16	5.45	32.78	25.89
17	5.53	33.01	26.06
18	5.60	33.03	26.07
19	5.76	33.13	26.13
20	5.79	33.12	26.12
21	5.80	33.11	26.11
22	5.80	33.11	26.11
23	5.80	33.11	26.10
24	5.80	33.11	26.11

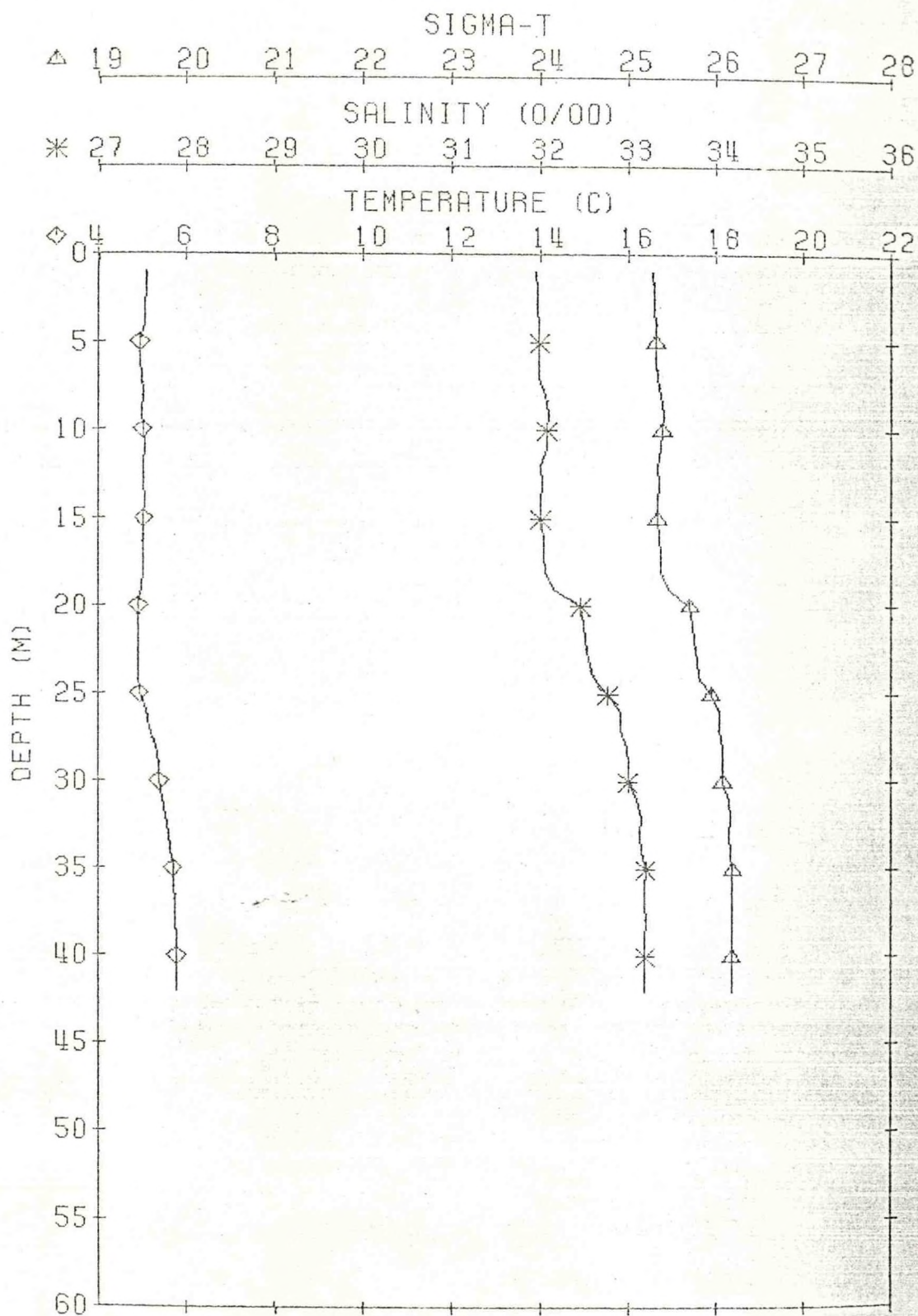
XWCC RESEARCHER CRS. 3 STA. 22 FEB. 27, 1975



RE CRS/STA 03/23 LAT 40 14.4N; LONG 73 45.2W GMT 07.2 02/25/75
DEPTH 047 AIR D/W 08.1/08.1 BARO 98.0 VTS 0 cLd TYP/cVR X/9
WETHR 4 WIND DIR/SPD 18/16 SEA DIR/HT 18/1 SWELL DIR/HT 49/0

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.06	31.94	25.27
2	5.06	31.95	25.28
3	5.05	31.96	25.28
4	5.05	31.98	25.30
5	4.93	31.98	25.30
6	4.92	31.98	25.30
7	4.95	31.98	25.31
8	4.99	32.05	25.36
9	4.98	32.08	25.39
10	4.98	32.06	25.37
11	5.02	32.07	25.35
12	5.00	32.00	25.32
13	5.00	32.01	25.33
14	5.02	31.99	25.32
15	5.02	31.99	25.32
16	5.00	32.03	25.34
17	5.00	32.04	25.35
18	5.01	32.05	25.36
19	4.97	32.14	25.44
20	4.89	32.45	25.69
21	4.90	32.48	25.71
22	4.89	32.51	25.74
23	4.89	32.54	25.77
24	4.88	32.58	25.80
25	4.91	32.75	25.93
26	5.07	32.90	26.03
27	5.15	32.90	26.02
28	5.29	32.98	26.07
29	5.36	32.99	26.07
30	5.37	32.99	26.06
31	5.45	33.09	26.13
32	5.50	33.13	26.16
33	5.59	33.12	26.14
34	5.62	33.14	26.15
35	5.68	33.18	26.18
36	5.70	33.17	26.16
37	5.71	33.17	26.17
38	5.73	33.18	26.17
39	5.75	33.18	26.17
40	5.76	33.18	26.17
41	5.76	33.18	26.17
42	5.77	33.18	26.17

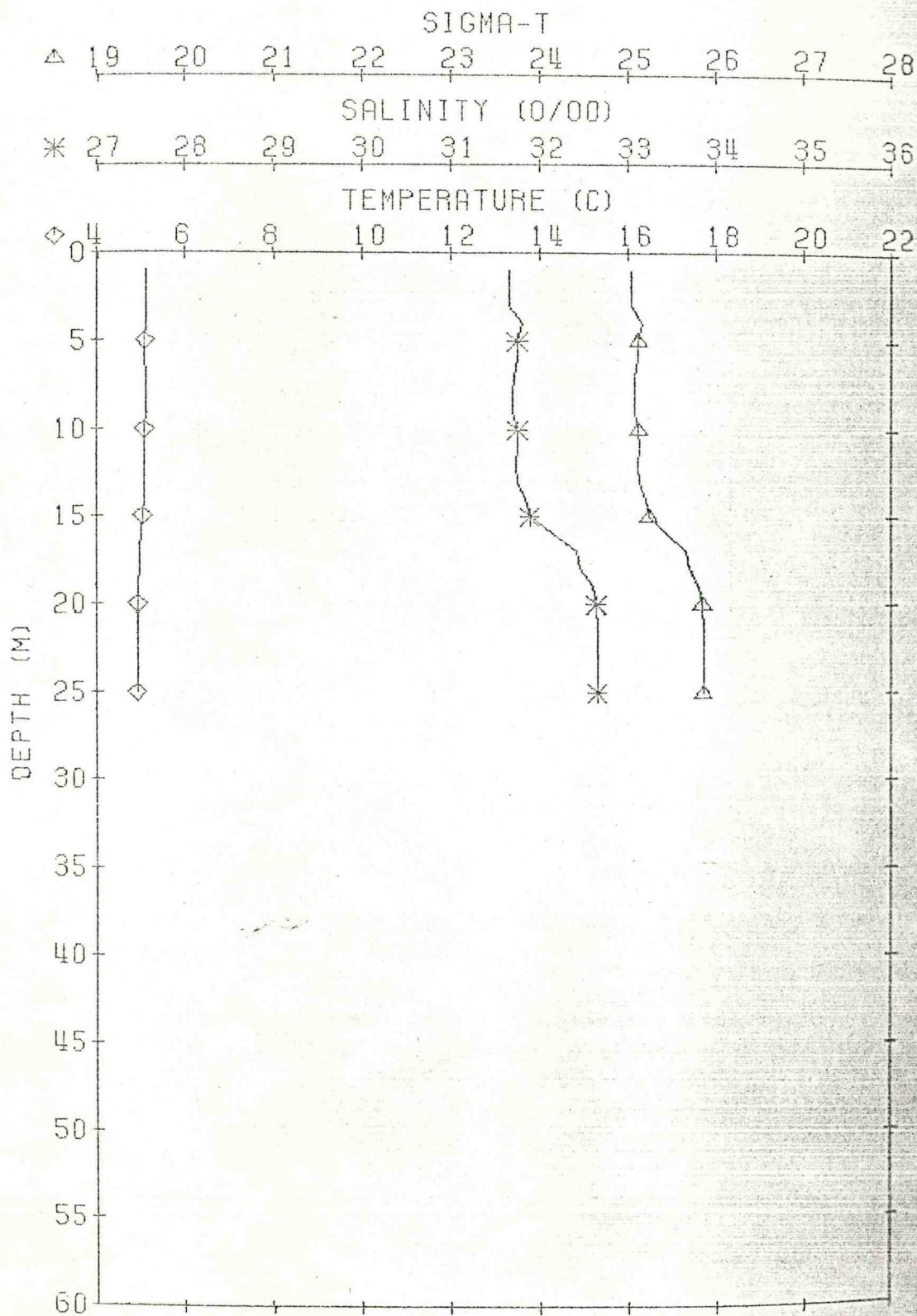
XWCC RESEARCHER CRS. 3 STA. 23 FEB. 25, 1975



RE CRS/STA 03/24 LAT 40 14.5N; LONG 73 37.8W GMT 22.6 02/26/75
DEPTH 027 AIR D/W 08.2/04.0 BARO 11.9 VIS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 28/20 SEA DIR/HT 28/2 SWELL DIR/HT 26/4

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.11	31.64	25.02
2	5.11	31.64	25.02
3	5.11	31.65	25.03
4	5.10	31.79	25.15
5	5.09	31.74	25.11
6	5.09	31.73	25.10
7	5.09	31.70	25.07
8	5.10	31.68	25.06
9	5.10	31.68	25.06
10	5.08	31.73	25.11
11	5.08	31.74	25.11
12	5.08	31.73	25.10
13	5.08	31.74	25.11
14	5.06	31.84	25.19
15	5.04	31.87	25.22
16	4.99	32.13	25.43
17	4.95	32.41	25.65
18	4.95	32.44	25.68
19	4.93	32.59	25.80
20	4.92	32.63	25.83
21	4.93	32.64	25.84
22	4.94	32.65	25.84
23	4.93	32.64	25.84
24	4.93	32.64	25.84
25	4.91	32.64	25.84

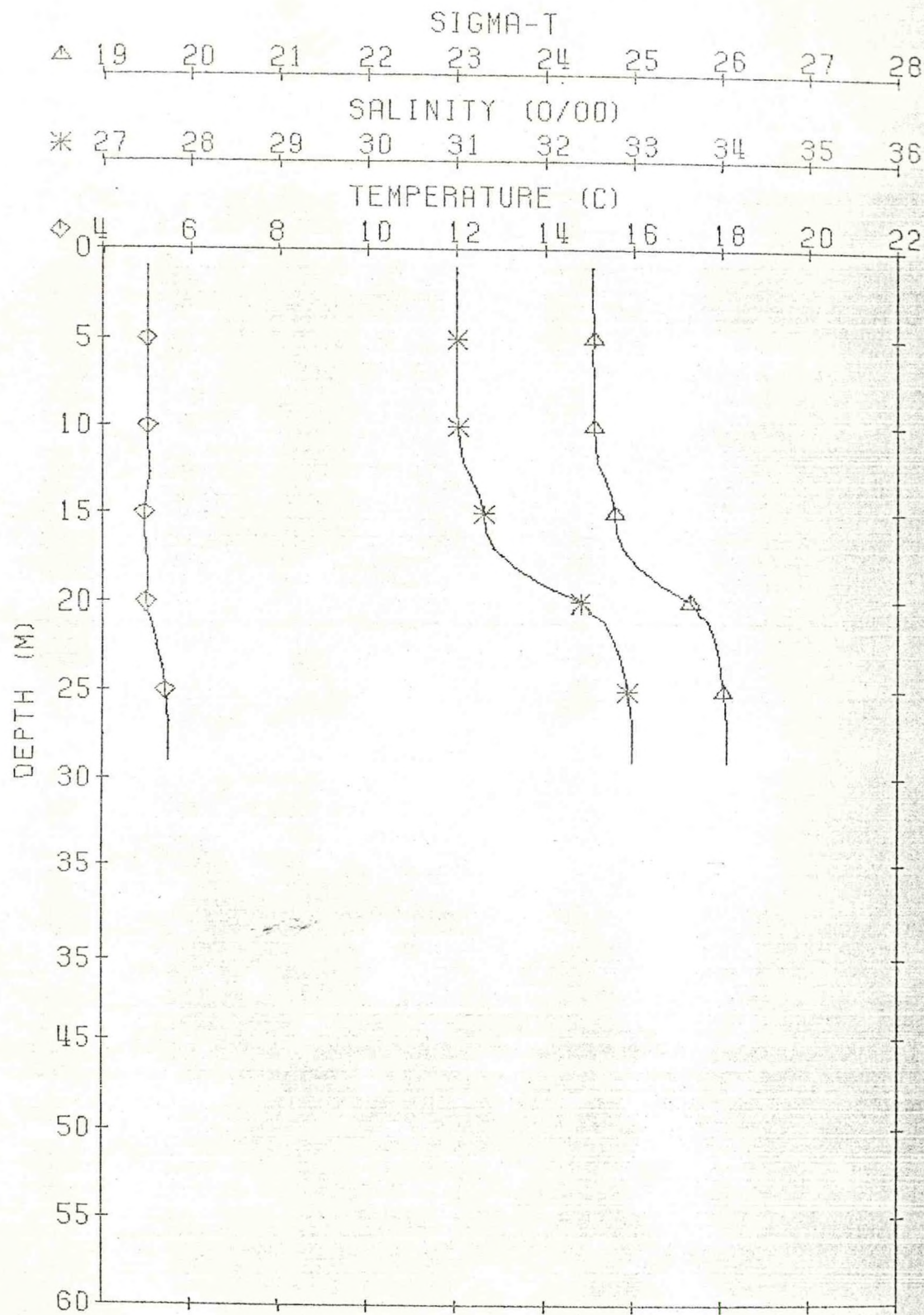
XWCC RESEARCHER CRS. 3 STA. 24 FEB. 26, 1975



RE CRS/STA 03/25 LAT 40 16.1N; LONG 73 29.3W GMT 09.8 02/28/75
DEPTH 032 AIR D/W 01.5/-0.8 BARO 16.9 VTS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 36/10 SEA DIR/HT 36/1 SWELL DIR/HT 29/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	4.99	30.99	24.52
2	4.99	30.99	24.52
3	4.99	30.99	24.52
4	4.99	30.99	24.53
5	4.99	31.00	24.53
6	4.99	30.99	24.52
7	4.99	31.00	24.53
8	4.99	31.00	24.53
9	4.99	31.00	24.53
10	4.99	31.01	24.54
11	5.01	31.03	24.56
12	5.02	31.06	24.58
13	5.02	31.16	24.66
14	4.96	31.25	24.74
15	4.93	31.30	24.78
16	4.93	31.32	24.80
17	4.95	31.40	24.86
18	5.00	31.62	25.02
19	4.99	31.94	25.27
20	4.97	32.39	25.63
21	5.07	32.64	25.82
22	5.18	32.76	25.91
23	5.26	32.83	25.95
24	5.35	32.88	25.98
25	5.39	32.92	26.00
26	5.45	32.96	26.03
27	5.49	32.98	26.04
28	5.49	32.98	26.04
29	5.49	32.98	26.04

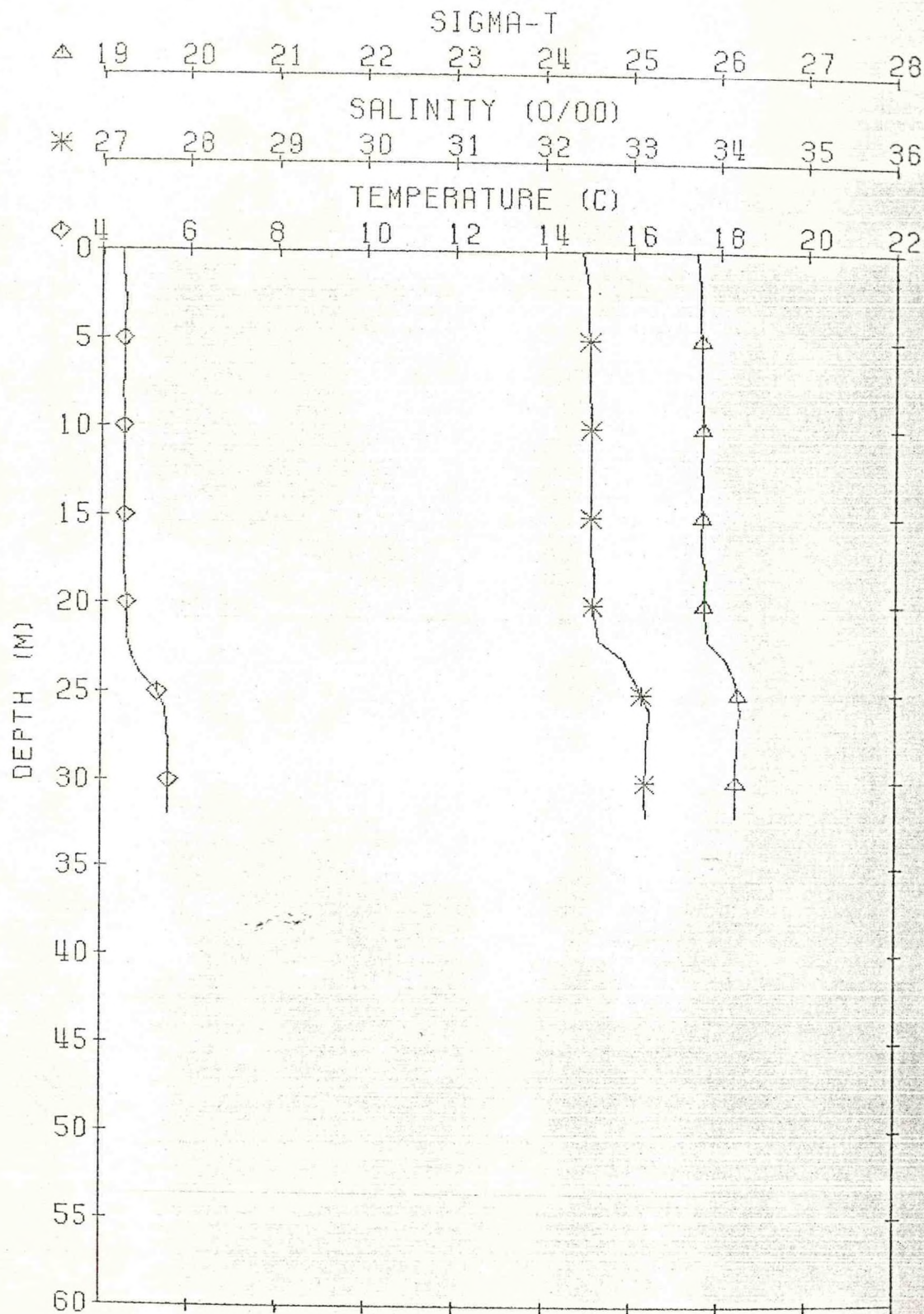
XWCC RESEARCHER CRS. 3 STA. 25 FEB. 28, 1975



RE CRS/STA 03/27 LAT 40 17.8N; LONG 73 17.6W GMT 07.6 03/02/75
DEPTH 036 AIR D/W 02.5/-0.8 BARO 02.4 VIS 7 CLD TYP/CVR X/A
WETHR 2 WIND DIR/SPD 02/10 SEA DIR/HT 02/1 SWELL DIR/HT 35/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	4.44	32.41	25.71
1	4.45	32.44	25.73
2	4.47	32.48	25.76
3	4.54	32.48	25.75
4	4.50	32.49	25.76
5	4.48	32.50	25.77
6	4.48	32.50	25.77
7	4.47	32.50	25.77
8	4.47	32.50	25.78
9	4.47	32.52	25.79
10	4.48	32.51	25.79
11	4.49	32.51	25.78
12	4.50	32.51	25.78
13	4.50	32.51	25.78
14	4.50	32.51	25.78
15	4.50	32.51	25.78
16	4.51	32.51	25.78
17	4.50	32.51	25.78
18	4.50	32.56	25.82
19	4.53	32.55	25.81
20	4.55	32.54	25.80
21	4.57	32.57	25.82
22	4.58	32.61	25.85
23	4.66	32.87	26.05
24	4.87	33.00	26.15
25	5.25	33.10	26.20
26	5.44	33.20	26.22
27	5.47	33.17	26.20
28	5.50	33.16	26.18
29	5.51	33.15	26.17
30	5.51	33.14	26.17
31	5.51	33.15	26.17
32	5.52	33.15	26.17

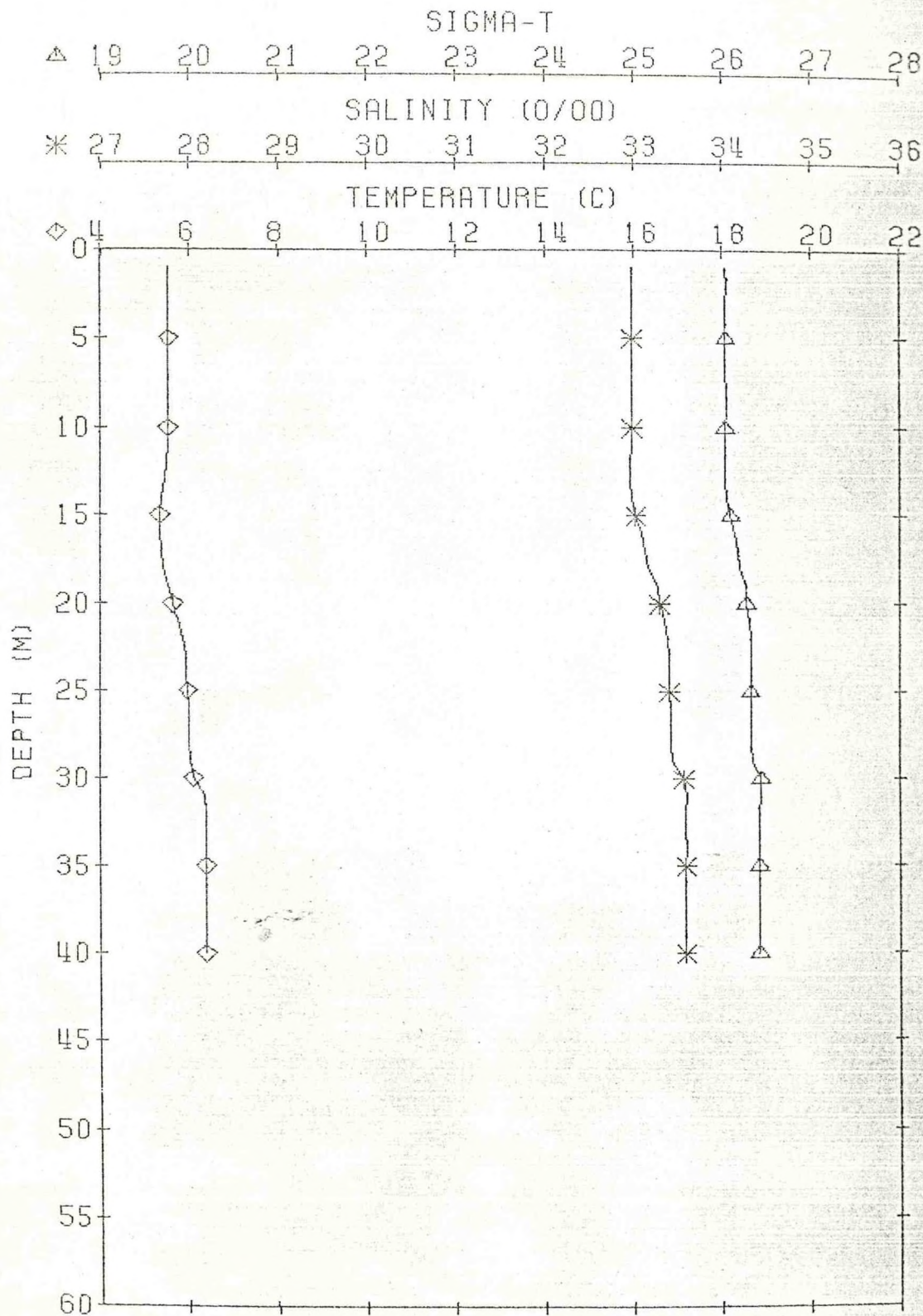
XWCC RESEARCHER CRS. 3 STA. 27 MARCH 2, 1975



RE CRS/STA 03/28 LAT 40 13.7N; LONG 73 7.6W GMT 20.0 02/24/75
DEPTH 043 AIR D/W 07.2/07.2 BARO 05.1 VIS 0 CLD TYP/CVR X/9
WETHR 4 WIND DIR/SPD 07/10 SEA DIR/HT 07/0 SWELL DIR/HT 05/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.51	32.98	26.04
2	5.51	32.98	26.04
3	5.51	32.97	26.04
4	5.52	32.97	26.03
5	5.52	32.97	26.03
6	5.51	32.97	26.03
7	5.50	32.97	26.03
8	5.50	32.98	26.04
9	5.51	32.98	26.04
10	5.51	32.97	26.03
11	5.52	32.98	26.04
12	5.48	32.96	26.02
13	5.45	32.95	26.02
14	5.36	32.97	26.05
15	5.32	33.02	26.09
16	5.31	33.08	26.14
17	5.36	33.12	26.17
18	5.41	33.16	26.20
19	5.52	33.26	26.26
20	5.61	33.28	26.27
21	5.73	33.34	26.30
22	5.82	33.38	26.31
23	5.90	33.39	26.31
24	5.93	33.40	26.32
25	5.96	33.40	26.31
26	5.97	33.40	26.32
27	5.97	33.41	26.33
28	6.00	33.40	26.31
29	6.02	33.43	26.33
30	6.10	33.56	26.42
31	6.34	33.59	26.42
32	6.37	33.58	26.41
33	6.38	33.58	26.40
34	6.38	33.58	26.41
35	6.38	33.58	26.40
36	6.39	33.58	26.40
37	6.39	33.58	26.40
38	6.39	33.58	26.41
39	6.39	33.58	26.41
40	6.39	33.58	26.41

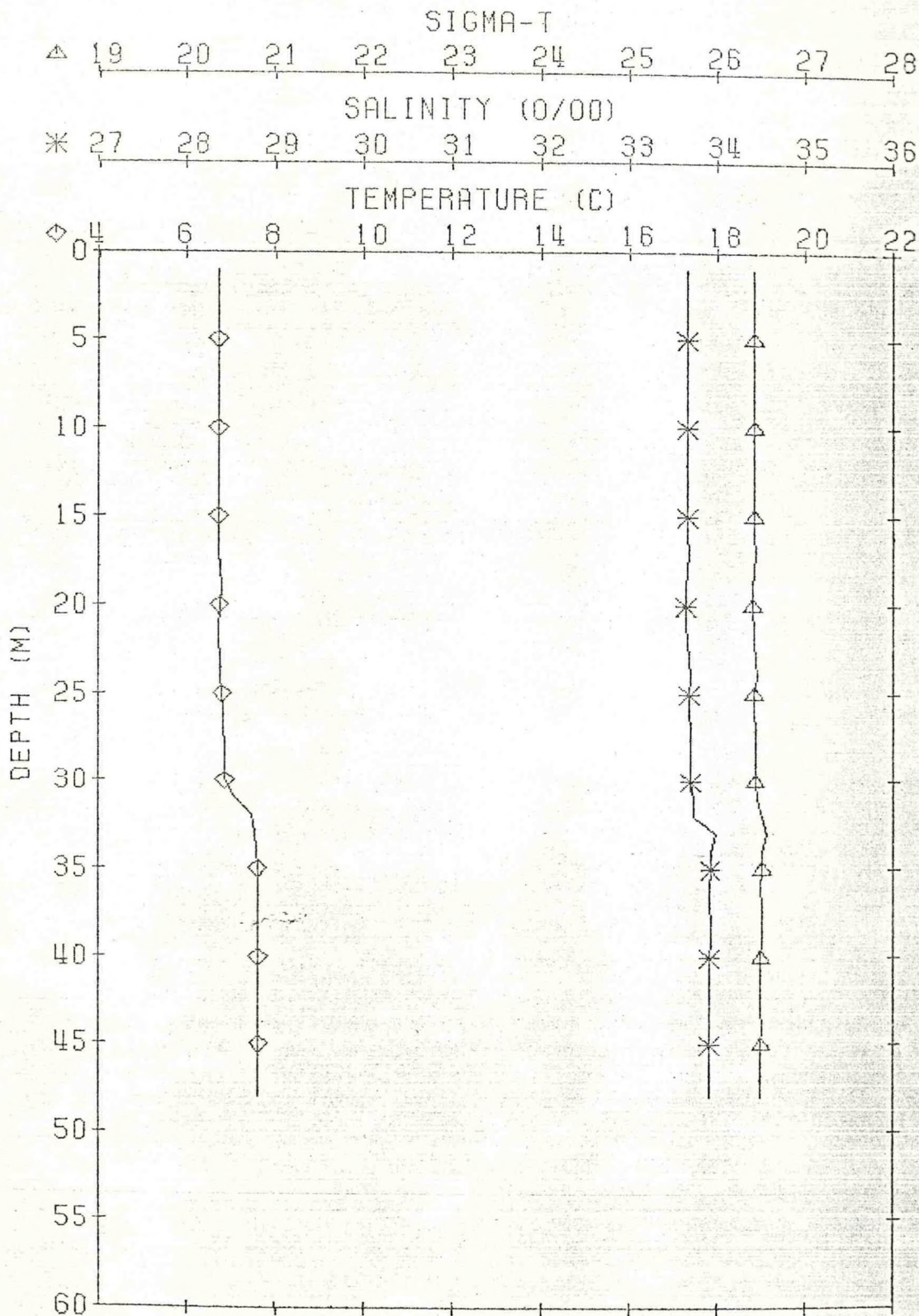
XWCC RESEARCHER CRS. 3 STA. 28 FEB. 24, 1975



RE CRS/STA 03/29 LAT 40 5.9N; LONG 72 57.7W GMT 12.5 03/02/75
DEPTH 048 AIR D/W 03.8/00.5 BARO 99.0 VIS 8 CLD TYP/CVR X/R
WETHR 2 WIND DIR/SPD 09/15 SEA DIR/HT 09/1 SWFL DIR/HT 36/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	6.71	33.64	26.41
2	6.72	33.64	26.41
3	6.71	33.64	26.41
4	6.71	33.64	26.41
5	6.71	33.64	26.41
6	6.71	33.64	26.41
7	6.71	33.64	26.41
8	6.71	33.64	26.41
9	6.71	33.64	26.41
10	6.71	33.64	26.41
11	6.71	33.64	26.41
12	6.71	33.64	26.41
13	6.72	33.64	26.41
14	6.72	33.64	26.41
15	6.72	33.64	26.41
16	6.72	33.64	26.41
17	6.72	33.66	26.43
18	6.76	33.65	26.41
19	6.78	33.63	26.39
20	6.73	33.63	26.40
21	6.72	33.63	26.40
22	6.72	33.64	26.41
23	6.74	33.67	26.43
24	6.75	33.68	26.44
25	6.80	33.66	26.41
26	6.80	33.66	26.42
27	6.82	33.67	26.42
28	6.85	33.68	26.43
29	6.85	33.68	26.42
30	6.85	33.68	26.42
31	7.06	33.71	26.44
32	7.48	33.71	26.50
33	7.54	33.97	26.55
34	7.58	33.92	26.51
35	7.60	33.91	26.50
36	7.61	33.90	26.49
37	7.61	33.90	26.49
38	7.61	33.91	26.50
39	7.62	33.91	26.49
40	7.62	33.90	26.49
41	7.62	33.90	26.49
42	7.62	33.90	26.49
43	7.63	33.91	26.49
44	7.63	33.91	26.49
45	7.63	33.90	26.49
46	7.63	33.90	26.49
47	7.63	33.90	26.49
48	7.63	33.90	26.49

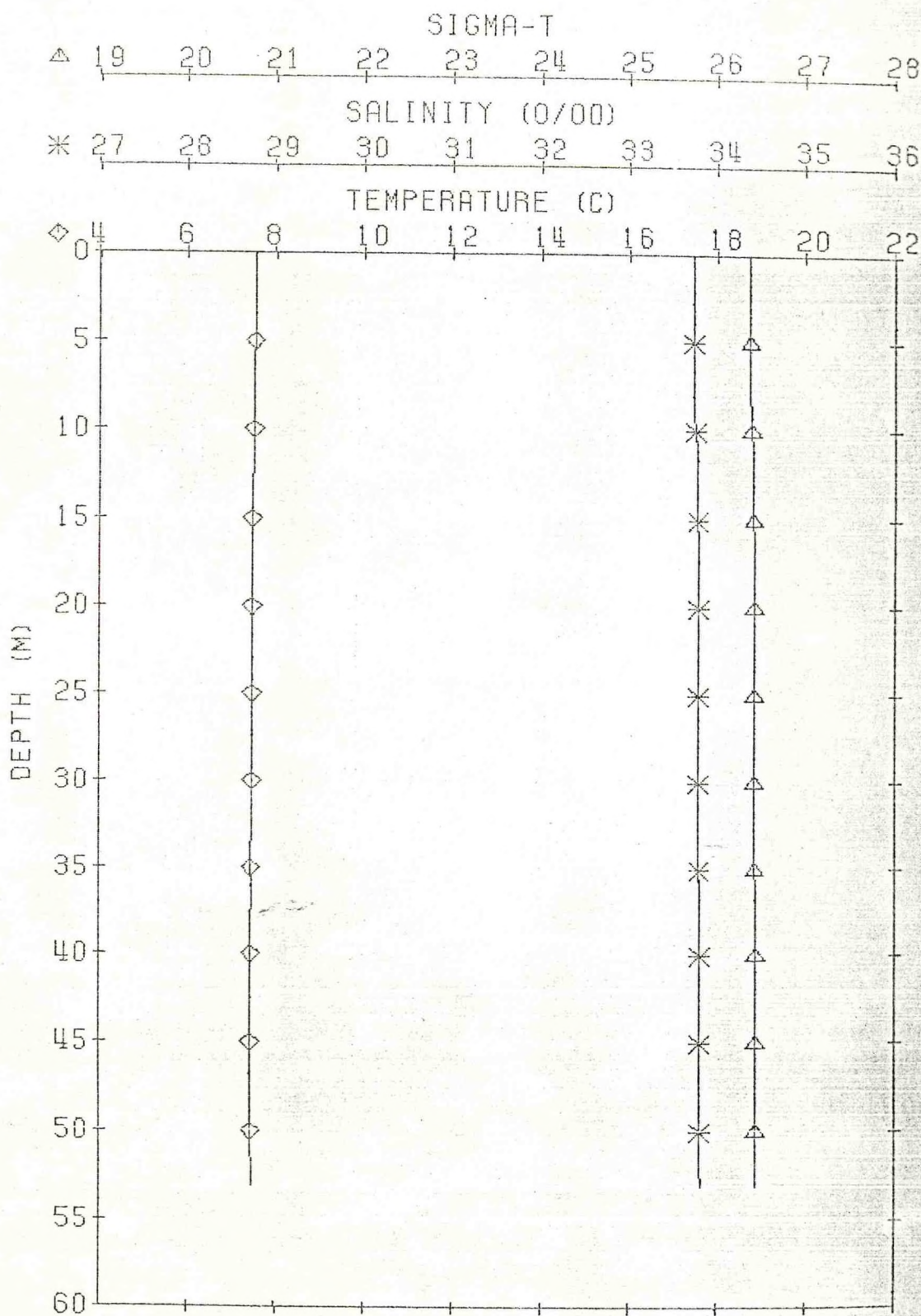
XWCC RESEARCHER CRS. 3 STA. 29 MARCH 2, 1975



RE CRS/STA 03/30 LAT 40 1.8N; LONG 72 40.9W GMT 08.9 02/24/75
 DEPTH 055 AIR D/W 08.5/08.5 BARO 08.5 VTS 0 CLD TYP/CVR 7/9
 WETHR 4 WIND DIR/SPD 07/14 SEA DIR/HT 07/0 SWELL DIR/HT 00/0

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	7.55	33.72	26.36
1	7.55	33.72	26.35
2	7.55	33.72	26.35
3	7.55	33.72	26.36
4	7.53	33.72	26.36
5	7.53	33.72	26.36
6	7.52	33.72	26.36
7	7.53	33.72	26.36
8	7.53	33.72	26.36
9	7.52	33.73	26.36
10	7.52	33.73	26.37
11	7.51	33.75	26.38
12	7.50	33.75	26.39
13	7.49	33.76	26.40
14	7.48	33.76	26.40
15	7.48	33.76	26.40
16	7.48	33.77	26.40
17	7.48	33.77	26.40
18	7.48	33.77	26.40
19	7.48	33.77	26.40
20	7.48	33.77	26.40
21	7.48	33.77	26.41
22	7.48	33.77	26.41
23	7.48	33.77	26.41
24	7.48	33.77	26.41
25	7.47	33.77	26.41
26	7.47	33.77	26.41
27	7.47	33.77	26.41
28	7.47	33.77	26.41
29	7.47	33.77	26.41
30	7.47	33.77	26.41
31	7.46	33.77	26.41
32	7.46	33.78	26.41
33	7.45	33.77	26.41
34	7.45	33.78	26.41
35	7.45	33.78	26.42
36	7.45	33.78	26.42
37	7.46	33.78	26.42
38	7.45	33.78	26.42
39	7.45	33.79	26.42
40	7.45	33.79	26.42
41	7.45	33.79	26.42
42	7.45	33.79	26.42
43	7.45	33.79	26.42
44	7.45	33.79	26.43
45	7.45	33.79	26.42
46	7.45	33.79	26.42
47	7.45	33.79	26.43
48	7.45	33.79	26.43
49	7.45	33.79	26.43
50	7.45	33.79	26.43
53	7.46	33.80	26.43

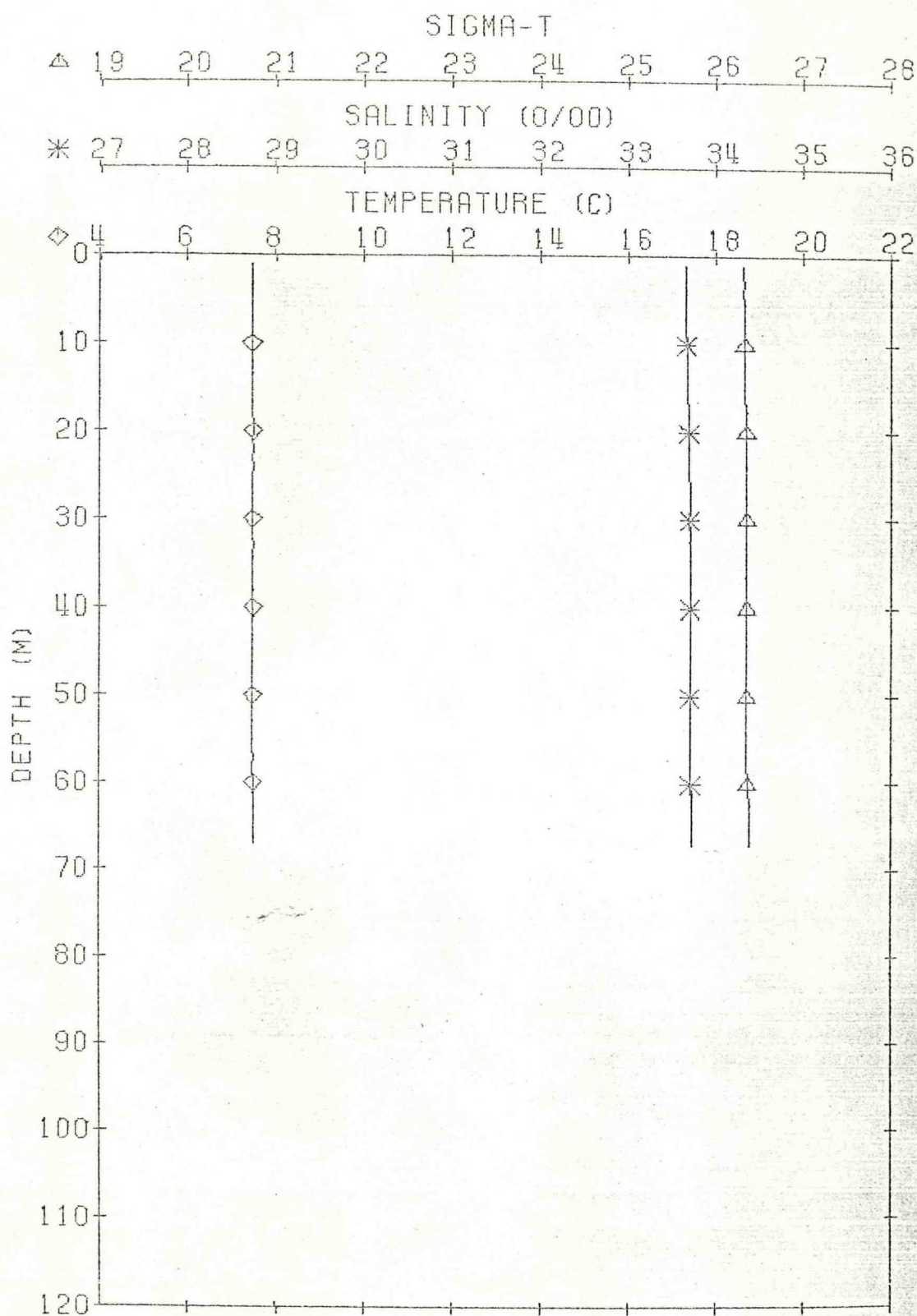
XWCC RESEARCHER CRS. 3 STA. 30 FEB. 24, 1975



RE CRS/STA 03/31 LAT 39 53.9N; LONG 72 24.7W GMT 21.9 02/23/75
 DEPTH 072 AIR D/W 11.5/10.5 BARO 09.5 VIS 7 CLD TYP/CVR 7/8
 WETHR 2 WIND DIR/SPD 26/16 SEA DIR/HT 26/2 SWELL DIR/HT 22/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	7.49	33.65	26.31
2	7.48	33.65	26.31
3	7.49	33.65	26.31
4	7.49	33.65	26.31
5	7.49	33.65	26.31
6	7.48	33.65	26.31
7	7.48	33.65	26.31
8	7.48	33.65	26.31
9	7.48	33.65	26.31
10	7.48	33.66	26.32
11	7.48	33.66	26.32
12	7.48	33.66	26.32
13	7.48	33.66	26.32
14	7.48	33.67	26.32
15	7.49	33.67	26.33
16	7.49	33.67	26.33
17	7.49	33.67	26.33
18	7.49	33.68	26.33
19	7.49	33.69	26.34
20	7.49	33.69	26.34
21	7.49	33.69	26.34
22	7.49	33.69	26.34
23	7.49	33.69	26.34
24	7.49	33.69	26.34
25	7.49	33.69	26.34
26	7.49	33.69	26.34
27	7.49	33.69	26.34
28	7.49	33.69	26.34
29	7.49	33.69	26.34
30	7.48	33.69	26.34
31	7.48	33.69	26.34
32	7.49	33.69	26.34
33	7.49	33.69	26.34
34	7.49	33.69	26.34
35	7.49	33.69	26.34
36	7.49	33.69	26.34
37	7.49	33.69	26.34
38	7.48	33.69	26.34
39	7.49	33.69	26.34
40	7.49	33.69	26.34
41	7.49	33.69	26.34
42	7.49	33.69	26.34
43	7.49	33.69	26.34
44	7.49	33.69	26.34
45	7.49	33.69	26.34
46	7.48	33.69	26.34
47	7.49	33.69	26.34
48	7.49	33.69	26.34
49	7.49	33.69	26.34
50	7.49	33.69	26.34
60	7.49	33.70	26.35
67	7.50	33.72	26.37

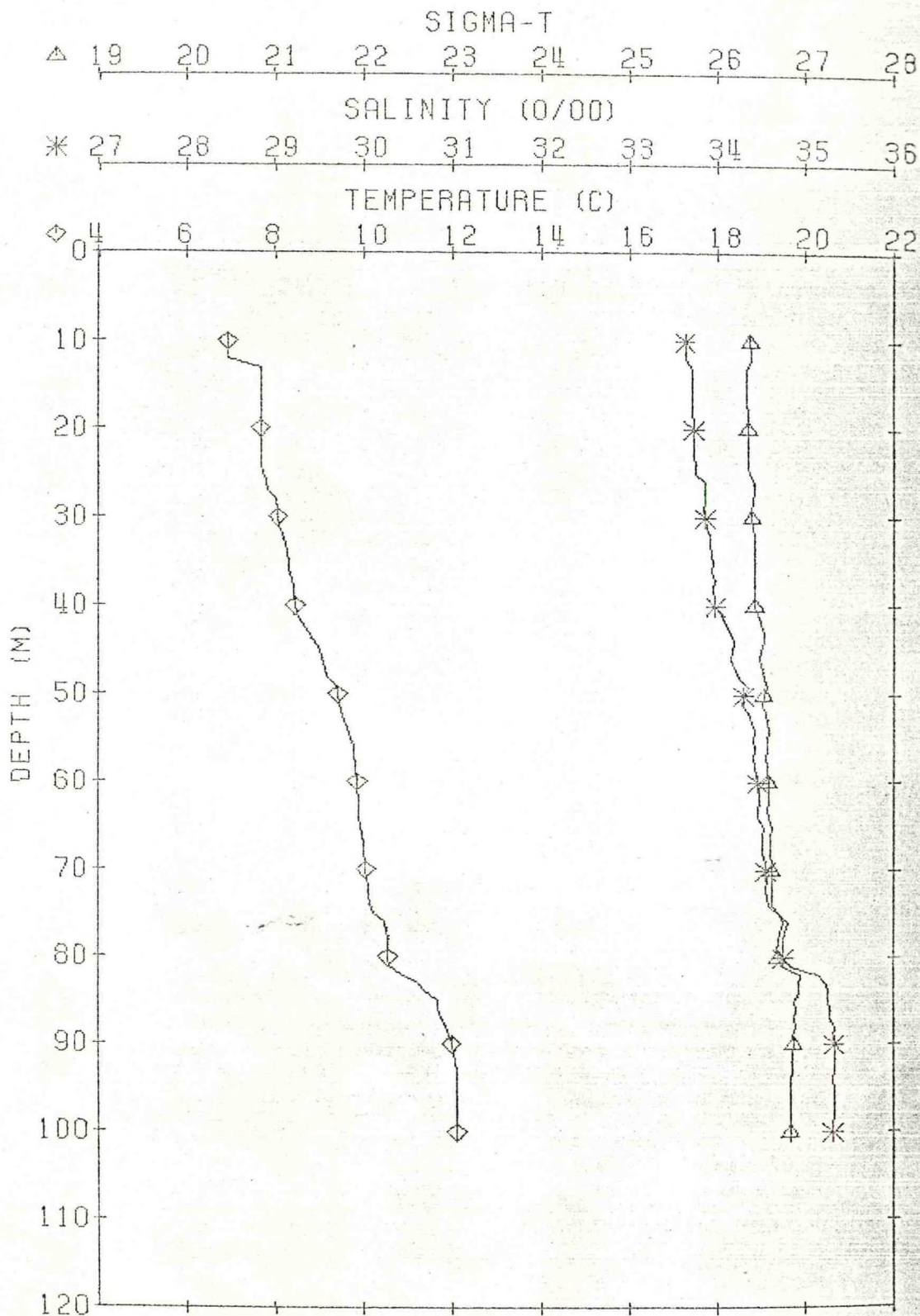
XWCC RESEARCHER CRS. 3 STA. 31 FEB. 23, 1975



RE CRS/STA 03/32 LAT 39 45.8N; LONG 72 6.5W GMT 01.8 03/01/75
 DEPTH 106 AIR D/W 08.0/06.5 BARO 09.1 VTS 7 CLD TYP/CVR X/8
 WETHR 2 WIND DIR/SPD 18/08 SEA DIR/HT 18/1 SWELL DIR/HT 17/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
10	6.93	33.62	26.36
11	6.92	33.62	26.37
12	6.92	33.62	26.37
13	7.69	33.71	26.32
14	7.69	33.71	26.33
15	7.69	33.71	26.33
16	7.68	33.70	26.32
17	7.68	33.70	26.32
18	7.68	33.71	26.33
19	7.67	33.71	26.33
20	7.68	33.72	26.33
21	7.68	33.72	26.34
22	7.69	33.72	26.34
23	7.70	33.73	26.34
24	7.70	33.73	26.34
25	7.71	33.74	26.35
26	7.79	33.84	26.41
27	7.83	33.85	26.41
28	8.01	33.85	26.39
29	8.04	33.83	26.37
30	8.07	33.85	26.39
31	8.11	33.86	26.39
32	8.17	33.89	26.40
33	8.22	33.91	26.41
34	8.26	33.92	26.41
35	8.31	33.93	26.41
36	8.33	33.92	26.40
37	8.38	33.95	26.41
38	8.42	33.94	26.40
39	8.43	33.95	26.40
40	8.45	33.96	26.41
41	8.50	34.03	26.46
42	8.61	34.08	26.48
43	8.73	34.14	26.51
44	8.87	34.17	26.51
45	9.01	34.16	26.48
46	9.05	34.14	26.46
47	9.10	34.20	26.49
48	9.16	34.23	26.51
49	9.35	34.33	26.55
50	9.41	34.28	26.51
60	9.83	34.44	26.57
70	10.03	34.53	26.60
80	10.53	34.73	26.67
90	11.97	35.31	26.86
100	12.09	35.30	26.82
101	12.09	35.30	26.82

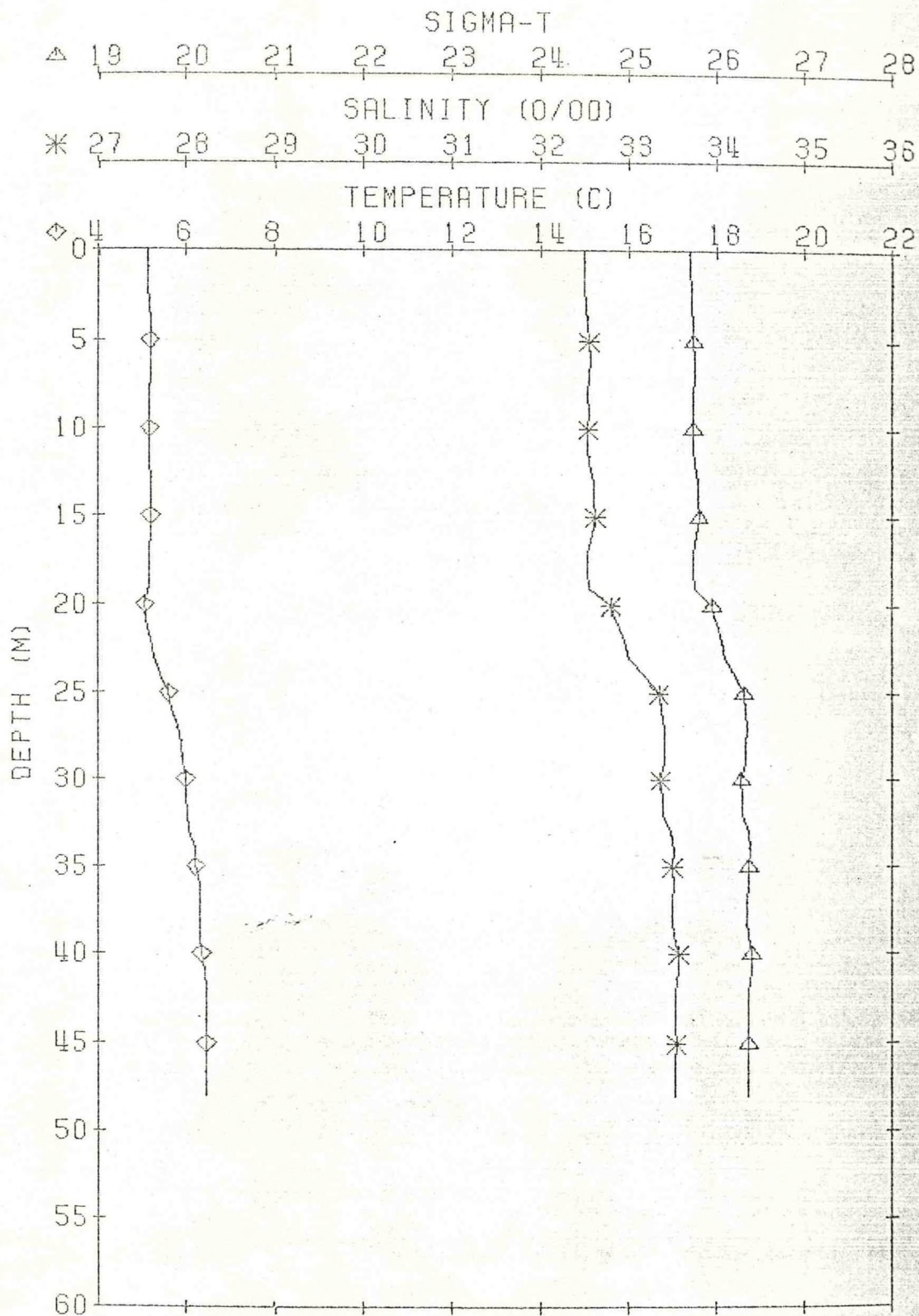
XWCC RESEARCHER CRS. 3 STA. 32 MARCH 1, 1975



RE CRS/STA 03/33 LAT 40 9.7N; LONG 73 42.6W GMT 05.2 02/25/75
 DEPTH 051 AIR D/W 10.0/10.0 BARO 00.3 VTS 0 CLD TYP/CVR X/9
 WETHR 4 WIND DIR/SPD 21/13 SEA DIR/HT 21/1 SWELL DIR/HT 49/0

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	5.12	32.48	25.69
1	5.12	32.48	25.69
2	5.13	32.49	25.69
3	5.14	32.49	25.70
4	5.17	32.52	25.72
5	5.17	32.53	25.72
6	5.17	32.55	25.74
7	5.17	32.54	25.74
8	5.16	32.53	25.72
9	5.16	32.53	25.73
10	5.16	32.53	25.72
11	5.16	32.52	25.72
12	5.16	32.54	25.73
13	5.17	32.59	25.77
14	5.18	32.60	25.77
15	5.19	32.61	25.78
16	5.18	32.58	25.76
17	5.16	32.52	25.72
18	5.16	32.52	25.72
19	5.15	32.54	25.74
20	5.05	32.78	25.94
21	5.09	32.85	25.99
22	5.20	32.94	26.04
23	5.26	32.99	26.08
24	5.39	33.17	26.20
25	5.60	33.33	26.33
26	5.67	33.36	26.36
27	5.81	33.39	26.39
28	5.89	33.39	26.39
29	5.92	33.39	26.39
30	5.97	33.34	26.27
31	5.98	33.37	26.29
32	6.00	33.37	26.29
33	6.07	33.46	26.35
34	6.21	33.51	26.37
35	6.22	33.48	26.35
36	6.29	33.50	26.35
37	6.32	33.48	26.34
38	6.32	33.48	26.34
39	6.32	33.50	26.35
40	6.35	33.56	26.39
41	6.40	33.56	26.39
42	6.44	33.52	26.35
43	6.44	33.52	26.35
44	6.45	33.52	26.35
45	6.46	33.52	26.35
46	6.46	33.52	26.35
47	6.46	33.52	26.35
48	6.47	33.53	26.35

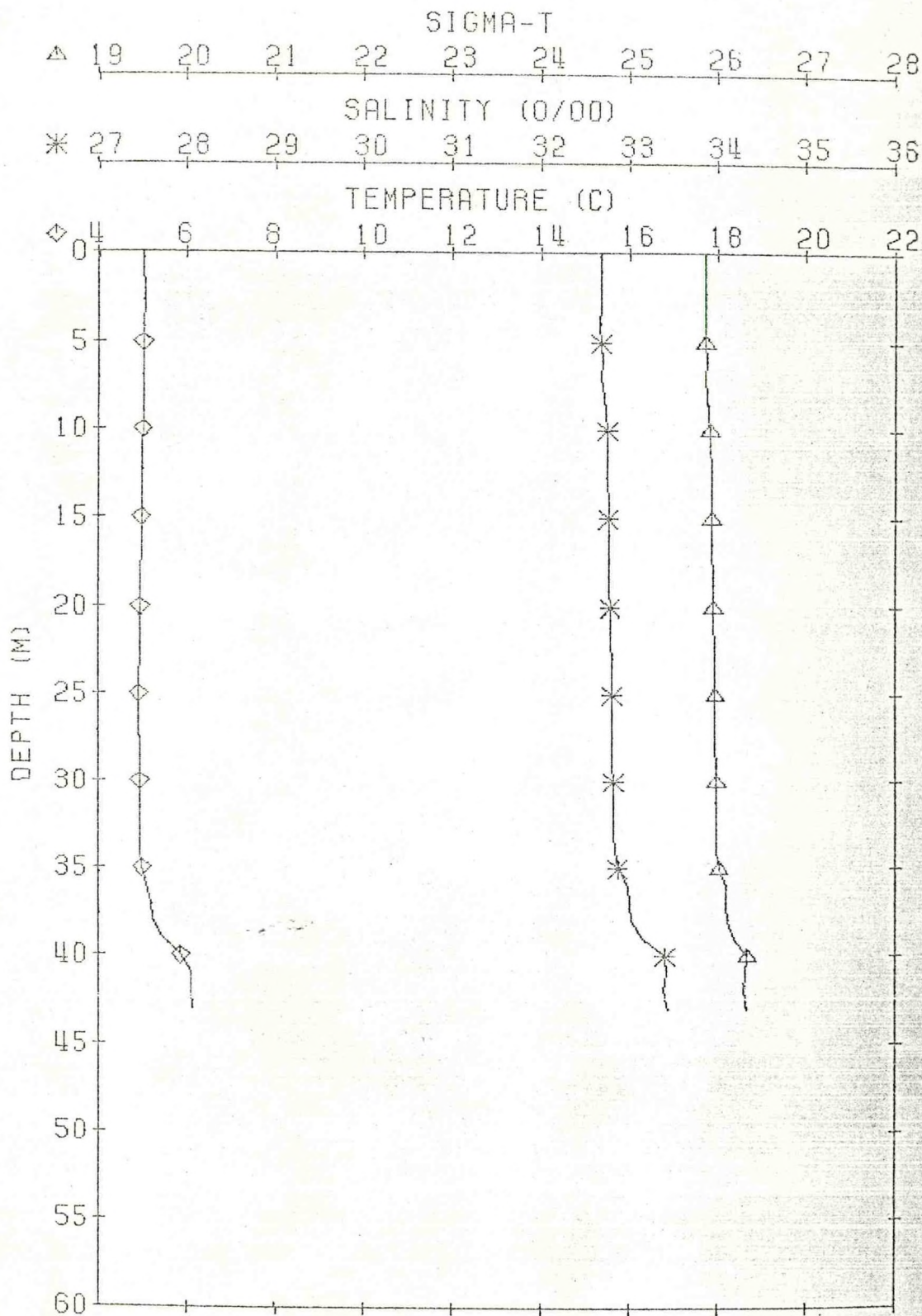
XWCC RESEARCHER CRS. 3 STA. 33 FEB. 25, 1975



RE CRS/STA 03/34 LAT 40 5.5N; LONG 73 31.8W GMT 02.6 02/25/75
DEPTH 045 AIR D/W 10.0/10.0 BARO 02.4 VIS 0 CLD TYP/CVR X/9
WETHR 4 WIND DIR/SPD 10/14 SEA DIR/HT 10/0 SWELL DIR/HT 05/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	5.01	32.67	25.85
1	5.02	32.66	25.84
2	5.02	32.66	25.85
3	5.02	32.67	25.85
4	5.01	32.65	25.84
5	5.01	32.67	25.85
6	5.00	32.68	25.86
7	5.01	32.67	25.85
8	5.00	32.69	25.87
9	4.99	32.71	25.89
10	4.98	32.73	25.90
11	4.98	32.74	25.91
12	4.97	32.74	25.91
13	4.96	32.74	25.91
14	4.95	32.75	25.92
15	4.95	32.75	25.92
16	4.95	32.75	25.92
17	4.95	32.75	25.92
18	4.94	32.76	25.93
19	4.93	32.76	25.93
20	4.92	32.77	25.94
21	4.92	32.77	25.94
22	4.92	32.78	25.95
23	4.91	32.78	25.95
24	4.91	32.79	25.96
25	4.91	32.79	25.96
26	4.91	32.79	25.96
27	4.91	32.79	25.96
28	4.91	32.80	25.96
29	4.91	32.80	25.96
30	4.92	32.81	25.97
31	4.93	32.81	25.97
32	4.93	32.81	25.97
33	4.94	32.82	25.97
34	4.94	32.82	25.98
35	4.98	32.86	26.00
36	5.07	32.97	26.08
37	5.18	32.99	26.09
38	5.23	33.02	26.10
39	5.42	33.13	26.17
40	5.85	33.39	26.32
41	6.10	33.41	26.30
42	6.10	33.38	26.28
43	6.12	33.43	26.32

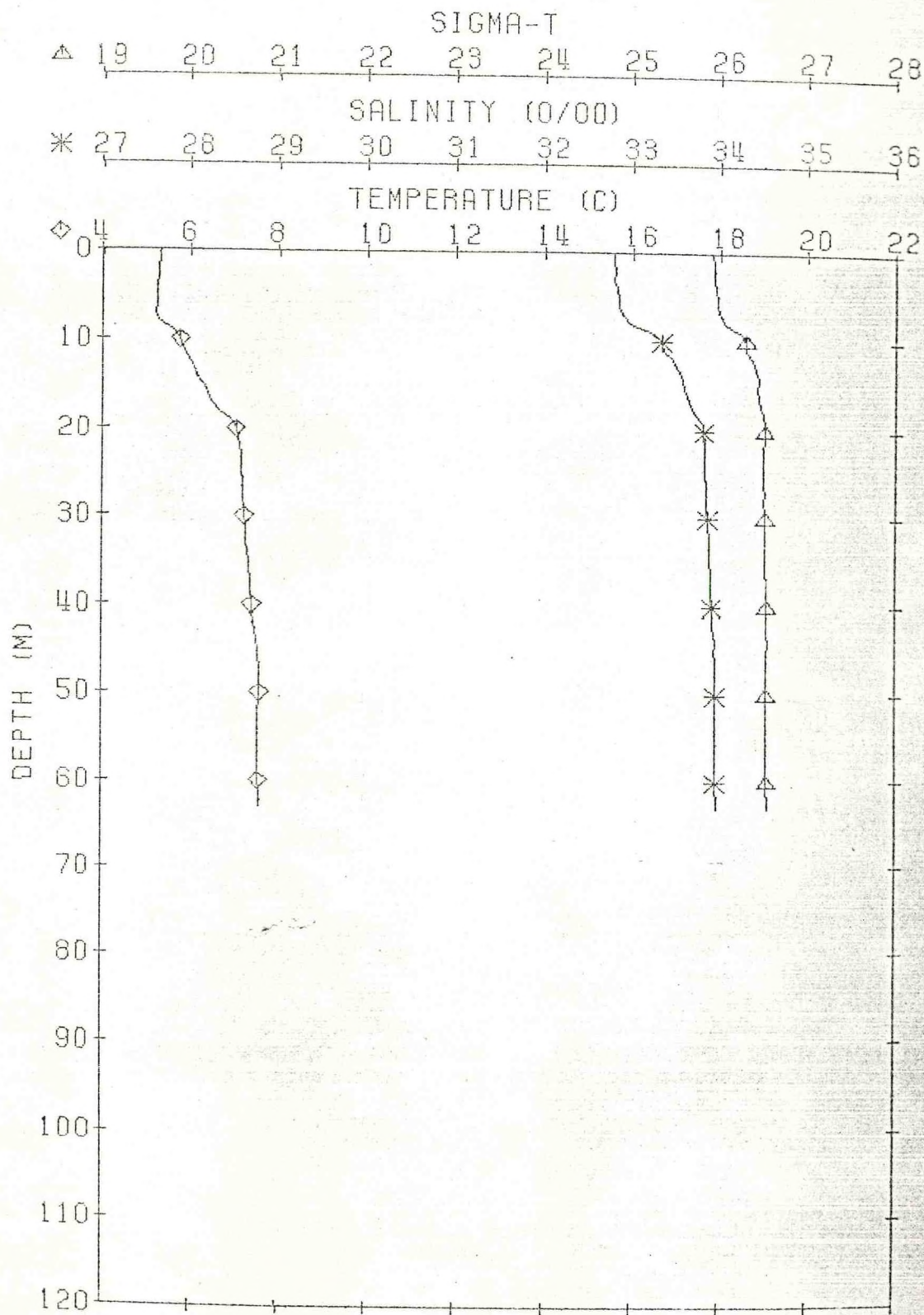
XWCC RESEARCHER CRS. 3 STA. 34 FEB. 25, 1975



RE CRS/STA 03/35 LAT 39 59.2N; LONG 73 18.8W GMT 23.3 02/24/75
 DEPTH 069 AIR D/W 11.5/11.2 BARO 04.7 VIS 0 CLD TYP/CVR X/9
 WETHR 4 WIND DIR/SPD 22/06 SEA DIR/HT 22/0 SWELL DIR/HT 05/2

DEPTH	TEMPERATURE	SALINITY	STGMA-T
0	5.28	32.77	25.90
1	5.27	32.78	25.91
2	5.27	32.79	25.92
3	5.24	32.78	25.91
4	5.21	32.81	25.94
5	5.22	32.82	25.95
6	5.22	32.82	25.95
7	5.18	32.88	25.00
8	5.27	32.96	25.05
9	5.60	33.23	25.23
10	5.74	33.32	25.28
11	5.79	33.33	25.28
12	5.91	33.44	25.35
13	6.05	33.51	25.39
14	6.14	33.56	25.42
15	6.32	33.58	25.41
16	6.39	33.60	25.42
17	6.49	33.64	25.44
18	6.63	33.71	25.47
19	6.91	33.79	25.50
20	7.02	33.80	25.49
21	7.08	33.81	25.49
22	7.13	33.81	25.49
23	7.13	33.81	25.48
24	7.14	33.81	25.48
25	7.15	33.82	25.49
26	7.17	33.82	25.49
27	7.18	33.83	25.49
28	7.19	33.83	25.49
29	7.20	33.83	25.49
30	7.21	33.84	25.50
31	7.24	33.85	25.50
32	7.26	33.85	25.50
33	7.27	33.86	25.50
34	7.29	33.86	25.50
35	7.31	33.87	25.51
36	7.32	33.87	25.51
37	7.35	33.88	25.51
38	7.36	33.89	25.51
39	7.38	33.89	25.51
40	7.40	33.89	25.51
41	7.41	33.90	25.51
42	7.43	33.91	25.52
43	7.46	33.92	25.52
44	7.51	33.94	25.54
45	7.54	33.93	25.54
46	7.55	33.93	25.54
47	7.58	33.94	25.54
48	7.57	33.94	25.54
49	7.58	33.94	25.54
50	7.57	33.94	25.54
60	7.56	33.94	25.53
63	7.59	33.95	25.53

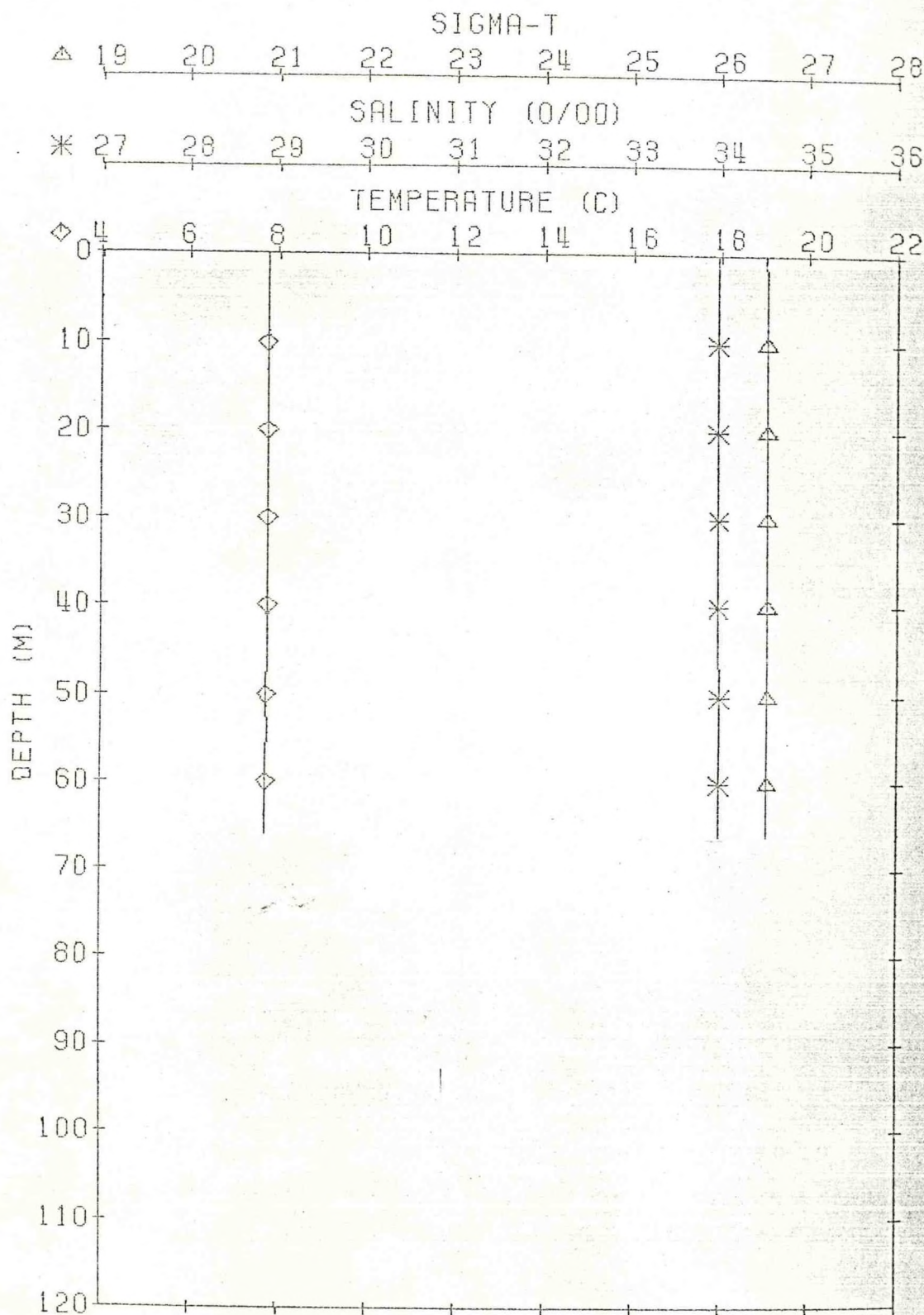
XWCC RESEARCHER CRS. 3 STA. 35 FEB. 24, 1975



RE CRS/STA 03/36 LAT 39 55.5N; LONG 73 6.5W GMT 08.8 02/23/75
DEPTH 070 AIR D/W 10.0/08.5 BARO 17.6 VIS 7 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 22/20 SEA DIR/HT 22/2 SWELL DIR/HT 20/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	7.77	33.95	26.51
1	7.77	33.95	26.51
2	7.76	33.96	26.51
3	7.76	33.96	26.51
4	7.76	33.96	26.51
5	7.75	33.96	26.51
6	7.76	33.96	26.51
7	7.75	33.96	26.51
8	7.75	33.96	26.51
9	7.75	33.96	26.51
10	7.75	33.96	26.51
11	7.75	33.96	26.51
12	7.75	33.96	26.51
13	7.76	33.96	26.51
14	7.75	33.96	26.51
15	7.76	33.96	26.51
16	7.76	33.96	26.51
17	7.75	33.96	26.51
18	7.75	33.96	26.51
19	7.75	33.96	26.51
20	7.75	33.96	26.51
21	7.76	33.96	26.51
22	7.76	33.96	26.51
23	7.76	33.96	26.51
24	7.76	33.96	26.51
25	7.76	33.96	26.51
26	7.76	33.96	26.51
27	7.76	33.96	26.51
28	7.76	33.96	26.51
29	7.75	33.96	26.51
30	7.76	33.96	26.51
31	7.76	33.96	26.51
32	7.76	33.96	26.51
33	7.76	33.96	26.51
34	7.76	33.96	26.51
35	7.76	33.96	26.51
36	7.76	33.96	26.51
37	7.76	33.96	26.51
38	7.76	33.96	26.51
39	7.76	33.96	26.51
40	7.76	33.96	26.51
41	7.76	33.96	26.51
42	7.76	33.96	26.51
43	7.76	33.96	26.51
44	7.76	33.96	26.51
45	7.76	33.96	26.51
46	7.76	33.96	26.51
47	7.75	33.96	26.51
48	7.75	33.97	26.51
49	7.74	33.97	26.51
50	7.74	33.97	26.51
60	7.74	33.97	26.51
66	7.74	33.97	26.51

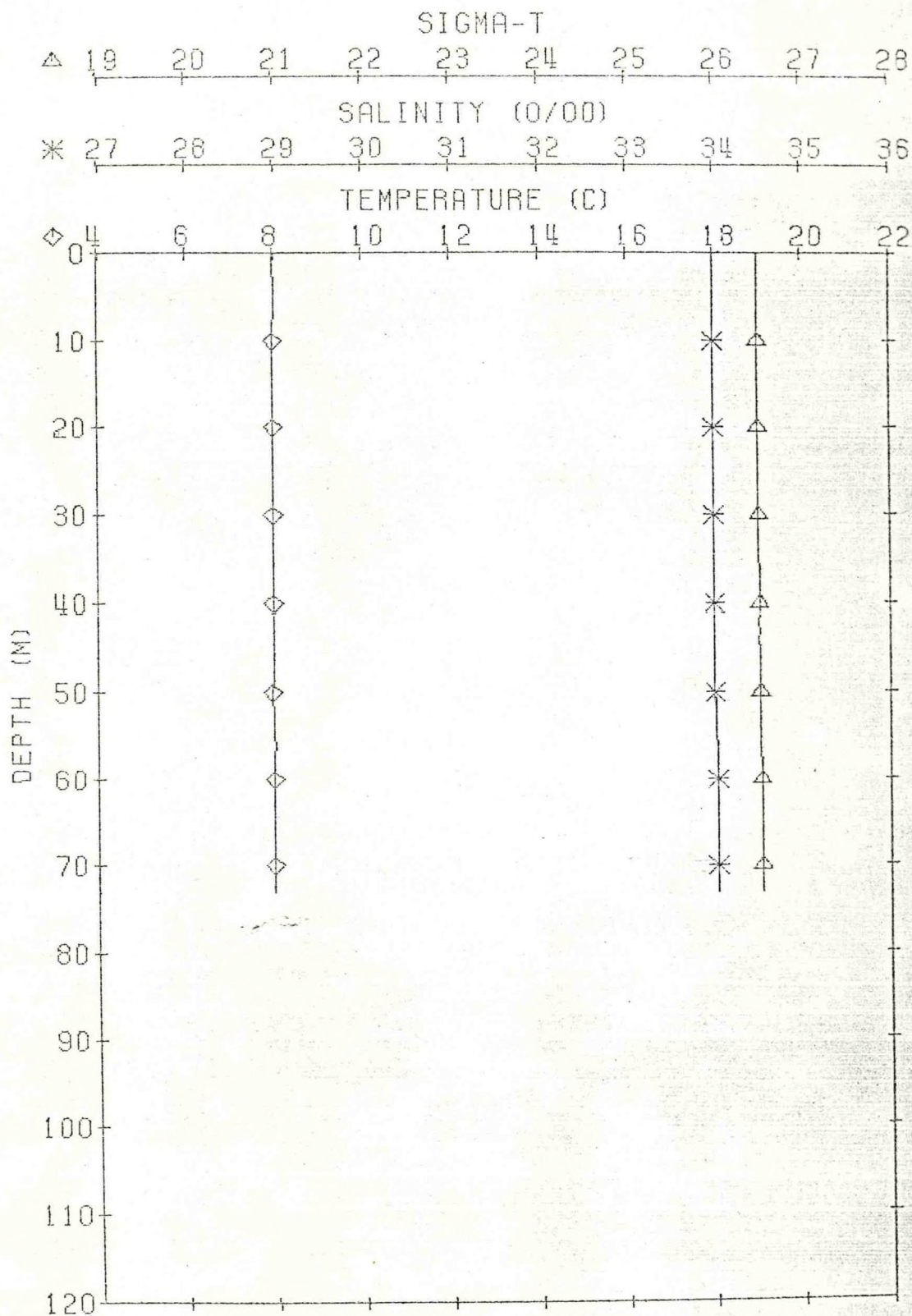
XWCC RESEARCHER CRS. 3 STA. 36 FEB. 23, 1975



RE CRS/STA 03/37 LAT 39 47.3N; LONG 72 59.0W GMT 11.8 02/23/75
 DEPTH 079 AIR D/W 10.2/09.0 BARO 15.9 VTS 7 CLD TYP/CVR X/4
 WETHR 1 WIND DIR/SPD 20/18 SEA DIR/HT 20/2 SWELL DIR/HT 21/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	7.99	33.99	26.50
1	8.00	33.99	26.50
2	8.00	33.99	26.50
3	8.00	33.99	26.50
4	8.01	33.99	26.50
5	8.01	33.99	26.50
6	8.01	33.99	26.50
7	8.01	33.99	26.50
8	8.00	33.99	26.50
9	8.00	33.99	26.50
10	8.00	33.99	26.50
11	7.99	33.99	26.50
12	8.00	33.99	26.50
13	8.00	33.99	26.50
14	8.00	33.99	26.50
15	7.99	33.99	26.50
16	7.99	33.99	26.50
17	8.00	33.99	26.50
18	7.99	33.99	26.50
19	7.99	33.99	26.50
20	7.99	33.99	26.50
21	7.99	33.99	26.50
22	8.00	33.99	26.50
23	7.99	33.99	26.50
24	7.99	33.99	26.50
25	7.99	33.99	26.50
26	7.99	33.99	26.50
27	8.00	33.99	26.50
28	8.00	33.99	26.50
29	7.99	33.99	26.51
30	7.98	34.00	26.51
31	7.98	33.99	26.51
32	7.98	34.00	26.51
33	7.98	33.99	26.51
34	7.98	34.00	26.51
35	7.98	33.99	26.51
36	7.98	34.00	26.51
37	7.98	34.00	26.51
38	7.98	34.00	26.51
39	7.98	34.00	26.51
40	7.98	34.00	26.51
41	7.98	34.00	26.51
42	7.98	34.00	26.51
43	7.98	34.00	26.51
44	7.98	34.00	26.51
45	7.97	34.00	26.51
46	7.96	34.00	26.51
47	7.97	34.00	26.51
48	7.97	34.00	26.51
49	7.97	34.00	26.51
50	7.96	34.00	26.51
60	7.99	34.02	26.53
70	7.99	34.03	26.54
73	8.00	34.03	26.53

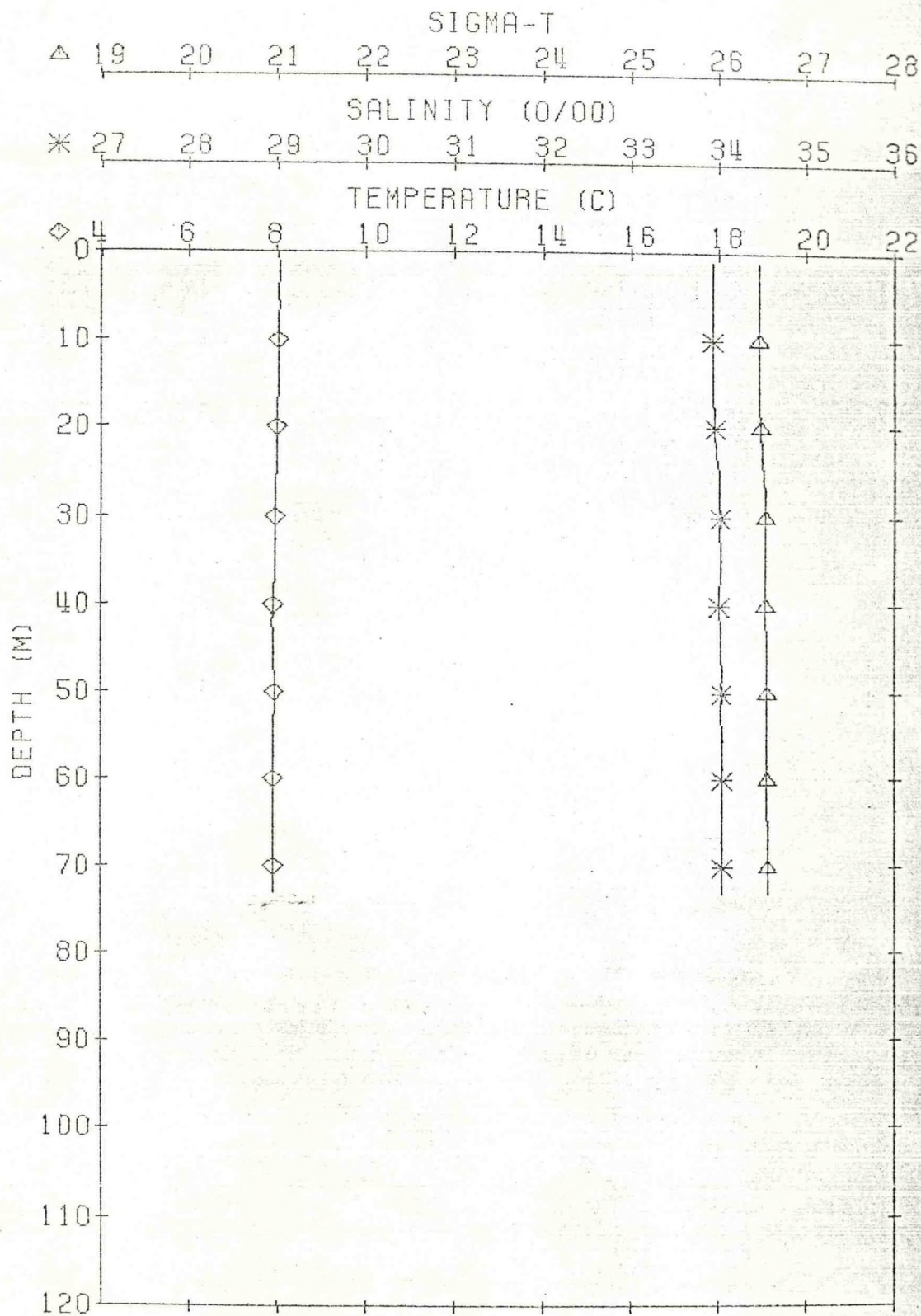
XWCC RESEARCHER CRS. 3 STA. 37 FEB. 23, 1975



RE CRS/STA 03/37 LAT 39 46.6N; LONG 72 57.0W GMT 07.9 02/24/75
 DEPTH 075 AIR D/W 09.8/09.8 BARO 07.8 VIS 0 CLD TYP/CVR 7/9
 WTHR 4 WIND DIR/SPD 16/10 SEA DIR/HT 16/0 SWELL DIR/HT 00/0

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	8.04	33.92	25.44
2	8.04	33.92	25.44
3	8.04	33.92	25.44
4	8.04	33.92	25.44
5	8.03	33.92	25.44
6	8.04	33.92	25.44
7	8.03	33.92	25.44
8	8.02	33.92	25.44
9	8.02	33.92	25.44
10	8.02	33.92	25.44
11	8.02	33.92	25.44
12	8.02	33.92	25.44
13	8.02	33.92	25.44
14	8.02	33.92	25.45
15	8.02	33.92	25.45
16	8.01	33.92	25.45
17	8.00	33.93	25.45
18	7.99	33.93	25.45
19	7.99	33.94	25.46
20	7.98	33.94	25.47
21	7.97	33.94	25.47
22	7.98	33.95	25.47
23	7.98	33.96	25.48
24	7.98	33.97	25.49
25	7.98	33.98	25.50
26	7.96	33.99	25.51
27	7.96	34.00	25.52
28	7.96	34.00	25.52
29	7.95	34.00	25.52
30	7.95	34.00	25.52
31	7.94	33.99	25.51
32	7.94	34.00	25.52
33	7.93	34.00	25.52
34	7.94	34.00	25.52
35	7.94	34.00	25.52
36	7.94	34.00	25.52
37	7.94	34.00	25.52
38	7.93	34.00	25.52
39	7.92	34.00	25.52
40	7.91	34.00	25.52
41	7.89	33.99	25.52
42	7.88	34.00	25.53
43	7.90	34.01	25.53
44	7.91	34.01	25.53
45	7.92	34.01	25.53
46	7.92	34.01	25.53
47	7.93	34.02	25.54
48	7.94	34.02	25.53
49	7.93	34.02	25.53
50	7.93	34.02	25.53
60	7.91	34.03	25.54
70	7.91	34.03	25.54
73	7.91	34.03	25.55

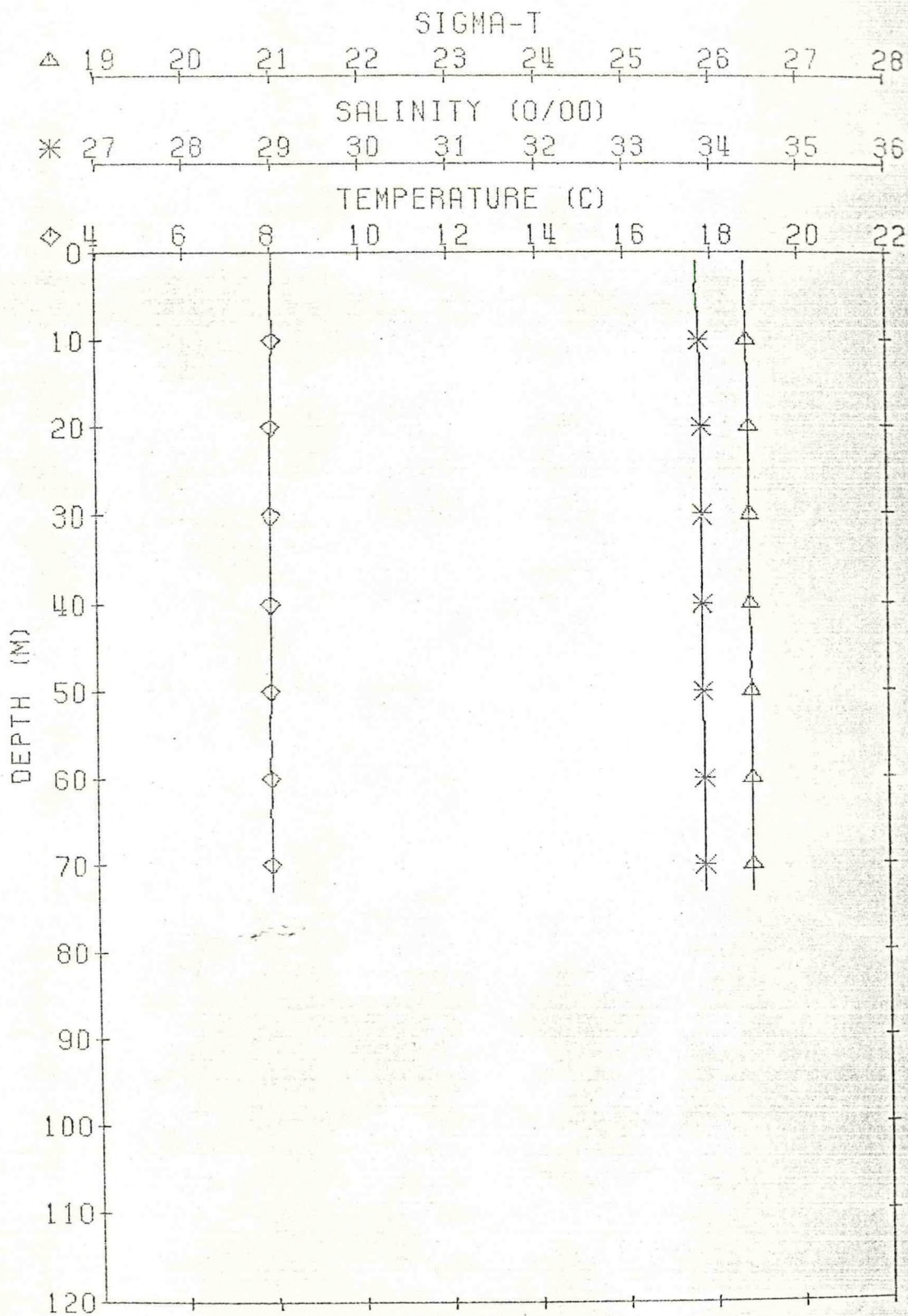
XWCC RESEARCHER CRS. 3 STA. 37 FEB. 24, 1975



RE CRS/STA 03/38 LAT 39 38.9N; LONG 72 39.3W GMT 04.1 02/24/75
 DEPTH 076 AIR D/W 10.1/10.1 BARO 10.8 VTS 1 CLD TYP/CVR 7/9
 WETHR 4 WIND DIR/SPD 20/08 SEA DIR/HT 20/1 SWELL DIR/HT 22/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	8.01	33.83	25.37
2	8.01	33.82	25.37
3	8.02	33.83	25.37
4	8.00	33.82	25.37
5	8.00	33.83	25.38
6	8.00	33.83	25.38
7	8.00	33.84	25.38
8	8.01	33.84	25.39
9	8.01	33.85	25.39
10	8.01	33.85	25.39
11	8.00	33.85	25.39
12	8.00	33.86	25.40
13	7.99	33.86	25.40
14	7.98	33.86	25.40
15	7.97	33.86	25.41
16	7.97	33.87	25.41
17	7.97	33.87	25.41
18	7.97	33.87	25.41
19	7.97	33.87	25.41
20	7.97	33.87	25.41
21	7.96	33.87	25.41
22	7.96	33.87	25.41
23	7.96	33.87	25.41
24	7.96	33.87	25.42
25	7.96	33.87	25.42
26	7.96	33.87	25.42
27	7.95	33.87	25.42
28	7.96	33.87	25.42
29	7.96	33.87	25.42
30	7.96	33.87	25.42
31	7.96	33.87	25.41
32	7.95	33.87	25.42
33	7.95	33.87	25.42
34	7.95	33.87	25.42
35	7.95	33.87	25.42
36	7.95	33.87	25.42
37	7.95	33.87	25.42
38	7.95	33.87	25.42
39	7.95	33.87	25.42
40	7.95	33.87	25.42
41	7.95	33.87	25.42
42	7.94	33.87	25.42
43	7.94	33.87	25.42
44	7.93	33.87	25.42
45	7.93	33.87	25.42
46	7.94	33.87	25.42
47	7.93	33.87	25.42
48	7.93	33.87	25.42
49	7.93	33.87	25.42
50	7.93	33.87	25.42
60	7.93	33.88	25.43
70	7.93	33.89	25.43
73	7.94	33.89	25.43

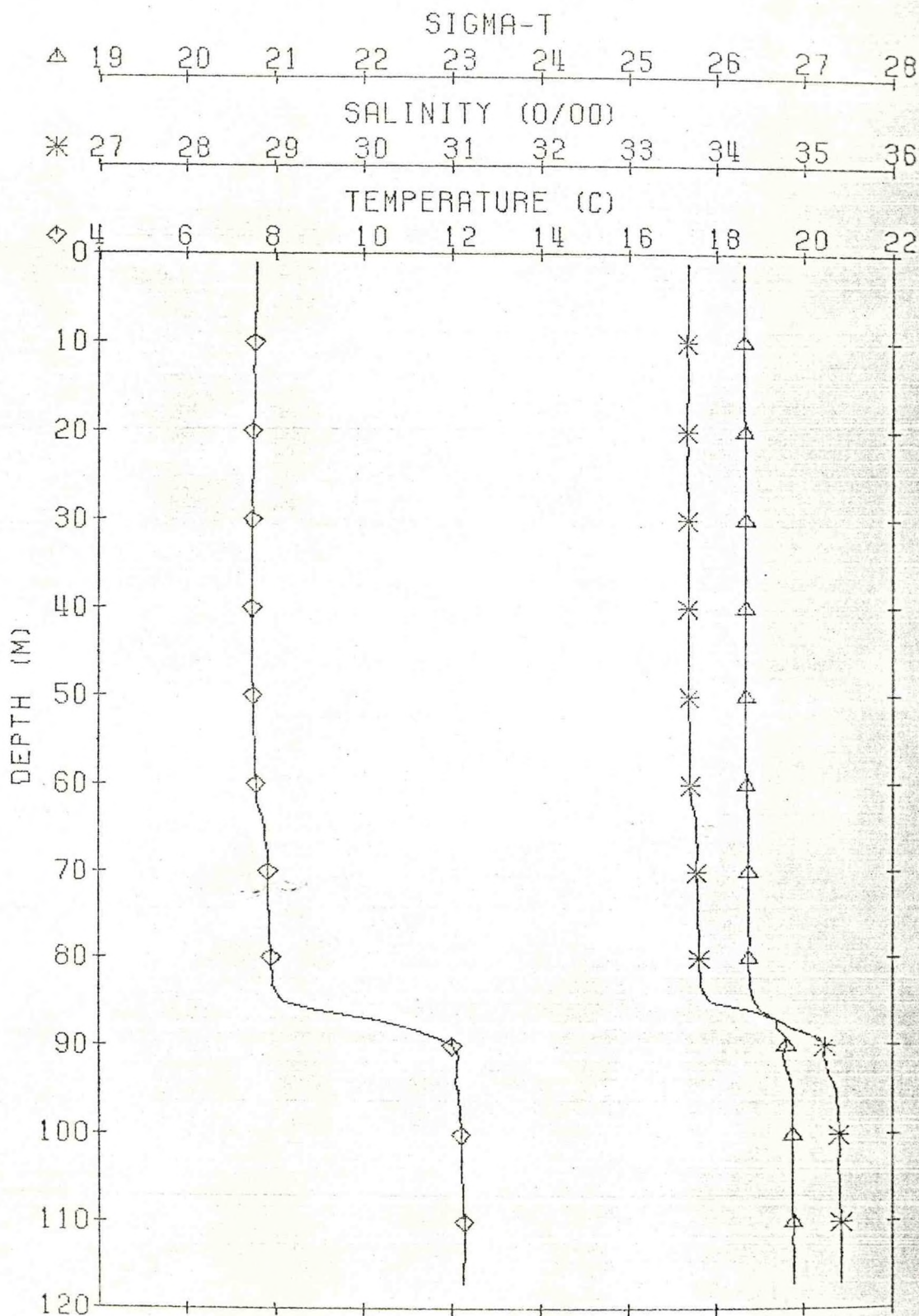
XWCC RESEARCHER CRS. 3 STA. 38 FEB. 24, 1975



RE CRS/STA 03/39 LAT 39 32.2N; LONG 72 26.2W GMT 00.5 02/24/75
 DEPTH 120 AIR D/W 10.5/10.0 BARO 11.9 VIS 6 CLD TYP/CVR 7/8
 WETHR 5 WIND DIR/SPD 32/06 SEA DIR/HT 32/1 SWELL DIR/HT 22/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	7.58	33.66	26.31
2	7.57	33.66	26.30
3	7.57	33.66	26.30
4	7.56	33.66	26.31
5	7.57	33.66	26.30
6	7.56	33.66	26.31
7	7.56	33.66	26.31
8	7.55	33.66	26.31
9	7.55	33.66	26.31
10	7.55	33.65	26.30
11	7.53	33.65	26.31
12	7.53	33.65	26.31
13	7.53	33.66	26.31
14	7.53	33.66	26.31
15	7.53	33.66	26.31
16	7.53	33.65	26.31
17	7.53	33.65	26.31
18	7.53	33.65	26.31
19	7.50	33.65	26.31
20	7.49	33.65	26.31
21	7.50	33.65	26.31
22	7.50	33.65	26.31
23	7.50	33.65	26.31
24	7.50	33.65	26.31
25	7.49	33.65	26.31
26	7.48	33.65	26.31
27	7.48	33.66	26.31
28	7.48	33.66	26.32
29	7.50	33.66	26.32
30	7.49	33.66	26.31
31	7.49	33.66	26.31
32	7.49	33.65	26.31
33	7.49	33.65	26.31
34	7.49	33.66	26.31
35	7.48	33.66	26.32
36	7.48	33.66	26.32
37	7.48	33.66	26.32
38	7.48	33.66	26.32
39	7.47	33.66	26.32
40	7.47	33.66	26.32
41	7.47	33.66	26.32
42	7.47	33.66	26.32
43	7.47	33.66	26.32
44	7.47	33.66	26.32
45	7.47	33.66	26.32
46	7.47	33.66	26.32
47	7.48	33.66	26.32
48	7.48	33.66	26.32
49	7.49	33.67	26.32
50	7.49	33.67	26.32
60	7.56	33.69	26.33
70	7.83	33.76	26.35
80	7.91	33.79	26.36
90	11.99	35.23	26.79
100	12.19	35.38	26.87
110	12.26	35.41	26.87
117	12.24	35.40	26.87

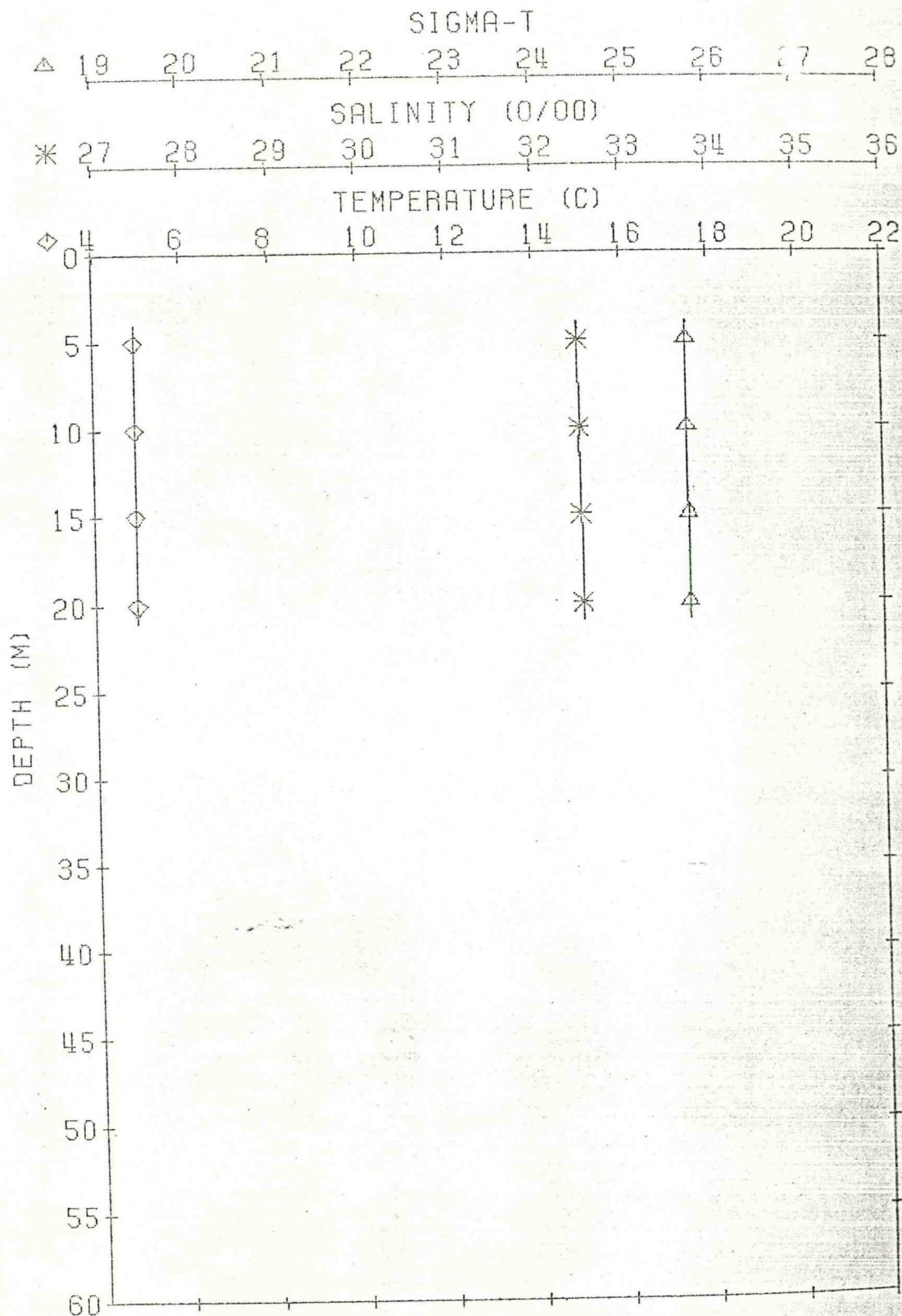
XWCC RESEARCHER CRS. 3 STA. 39 FEB. 24, 1975



RE CRS/STA 03/40 LAT 39 26.3N; LONG 74 4.5W GMT 13.8 03/03/75
DEPTH 022 AIR D/W -0.5/-3.0 BARO 07.1 VTS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 28/20 SEA DIR/HT 28/2 SWELL DIR/HT 30/3

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
4	4.91	32.50	25.73
5	4.91	32.50	25.73
6	4.91	32.51	25.73
7	4.91	32.51	25.73
8	4.92	32.51	25.74
9	4.92	32.51	25.74
10	4.91	32.51	25.74
11	4.92	32.51	25.73
12	4.91	32.51	25.74
13	4.92	32.51	25.74
14	4.91	32.51	25.74
15	4.91	32.52	25.75
16	4.92	32.53	25.75
17	4.93	32.54	25.76
18	4.94	32.54	25.75
19	4.94	32.54	25.75
20	4.94	32.53	25.75
21	4.94	32.53	25.75

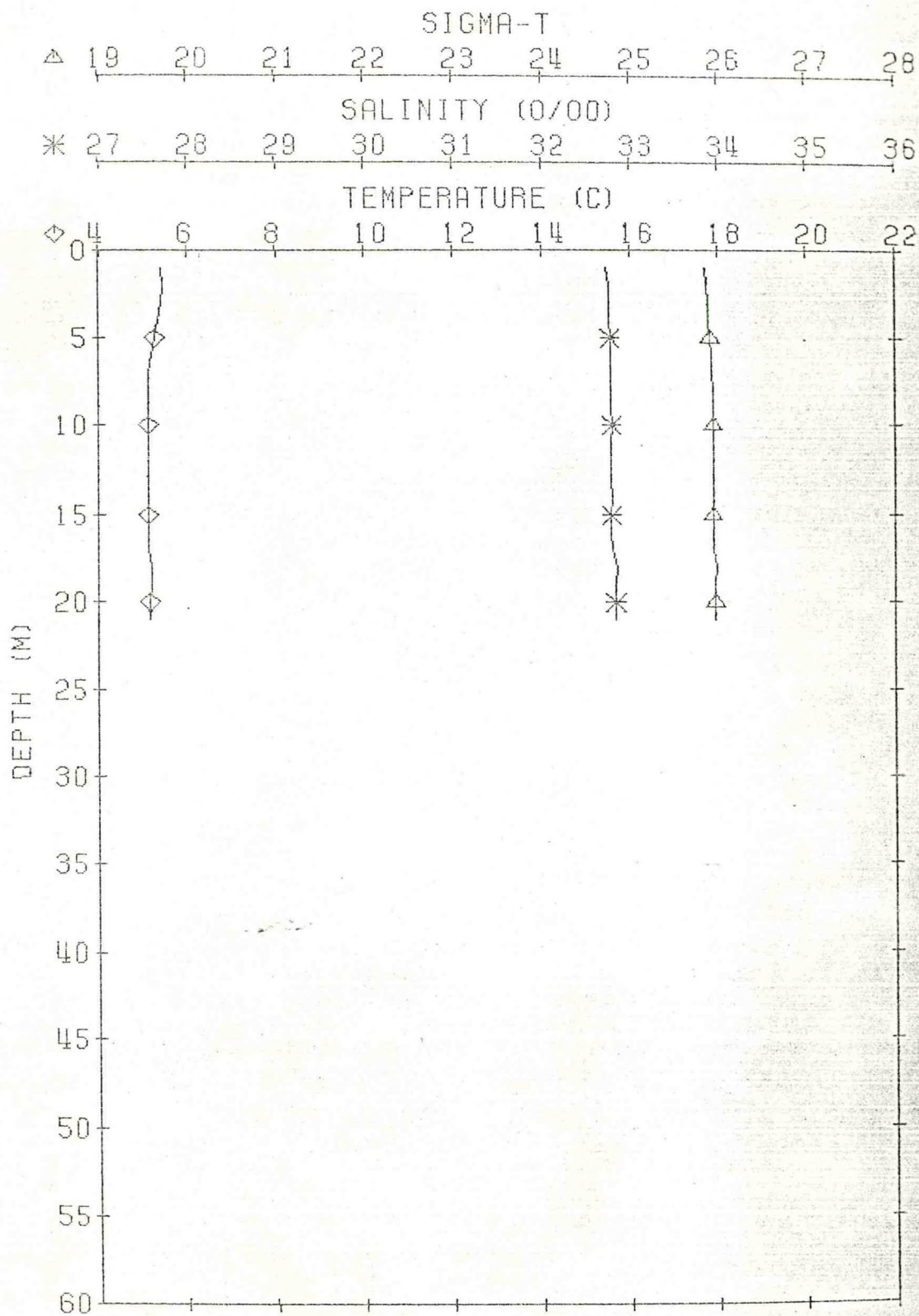
XWCC RESEARCHER CRS. 3 STA. 40 MARCH 3, 1975



RE CRS/STA 03/41 LAT 39 25.2N; LONG 73 55.1W GMT 07.8 03/03/75
DEPTH 027 AIR D/W 00.2/-1.8 BARO 03.0 VIS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 29/25 SEA DIR/HT 29/3 SWELL DIR/HT 30/3

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.41	32.72	25.85
2	5.45	32.76	25.87
3	5.40	32.75	25.87
4	5.33	32.76	25.89
5	5.25	32.77	25.90
6	5.17	32.77	25.91
7	5.10	32.78	25.93
8	5.10	32.78	25.93
9	5.10	32.78	25.93
10	5.10	32.78	25.93
11	5.10	32.78	25.93
12	5.10	32.78	25.93
13	5.10	32.78	25.93
14	5.10	32.78	25.93
15	5.10	32.78	25.93
16	5.10	32.78	25.93
17	5.11	32.79	25.94
18	5.17	32.84	25.97
19	5.17	32.83	25.96
20	5.15	32.82	25.96
21	5.15	32.82	25.96

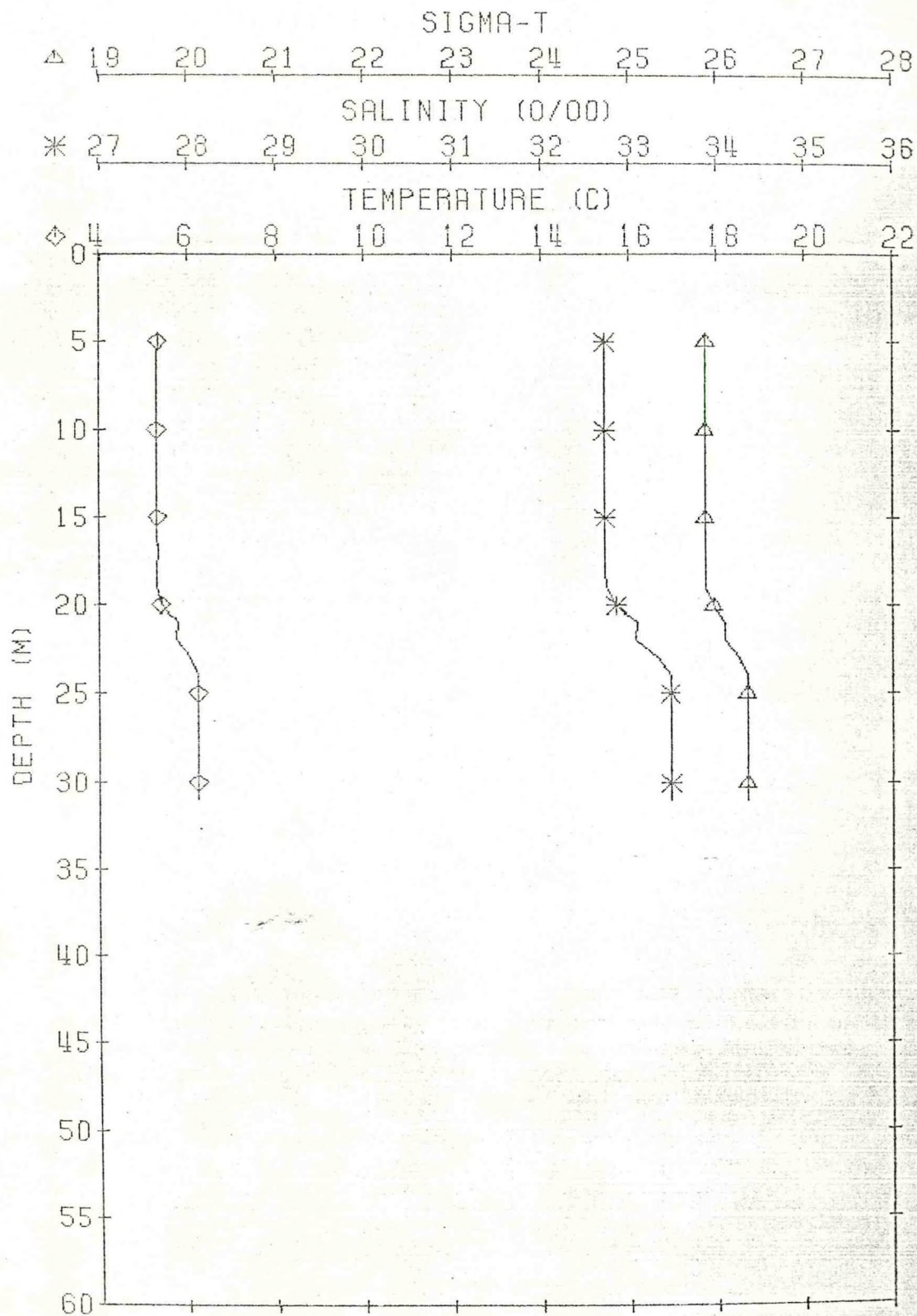
XWCC RESEARCHER CRS. 3 STA. 41 MARCH 3, 1975



RE CRS/STA 03/42 LAT 39 22.7N; LONG 73 41.7W GMT 09.4 03/03/75
DEPTH 034 AIR D/W 00.0/-2.2 BARO 03.7 VIS 7 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 30/20 SEA DIR/HT 30/3 SWELL DIR/HT 30/3

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
5	5.31	32.72	25.86
6	5.31	32.72	25.86
7	5.31	32.72	25.86
8	5.31	32.72	25.86
9	5.31	32.72	25.86
10	5.30	32.72	25.86
11	5.30	32.72	25.86
12	5.30	32.72	25.86
13	5.30	32.72	25.86
14	5.30	32.72	25.86
15	5.30	32.72	25.86
16	5.30	32.72	25.86
17	5.31	32.72	25.86
18	5.31	32.72	25.86
19	5.31	32.73	25.87
20	5.38	32.84	25.95
21	5.76	33.08	26.09
22	5.74	33.07	26.08
23	6.05	33.31	26.24
24	6.22	33.46	26.33
25	6.23	33.46	26.33
26	6.23	33.46	26.33
27	6.23	33.46	26.33
28	6.23	33.46	26.33
29	6.23	33.46	26.33
30	6.24	33.46	26.33
31	6.24	33.46	26.33

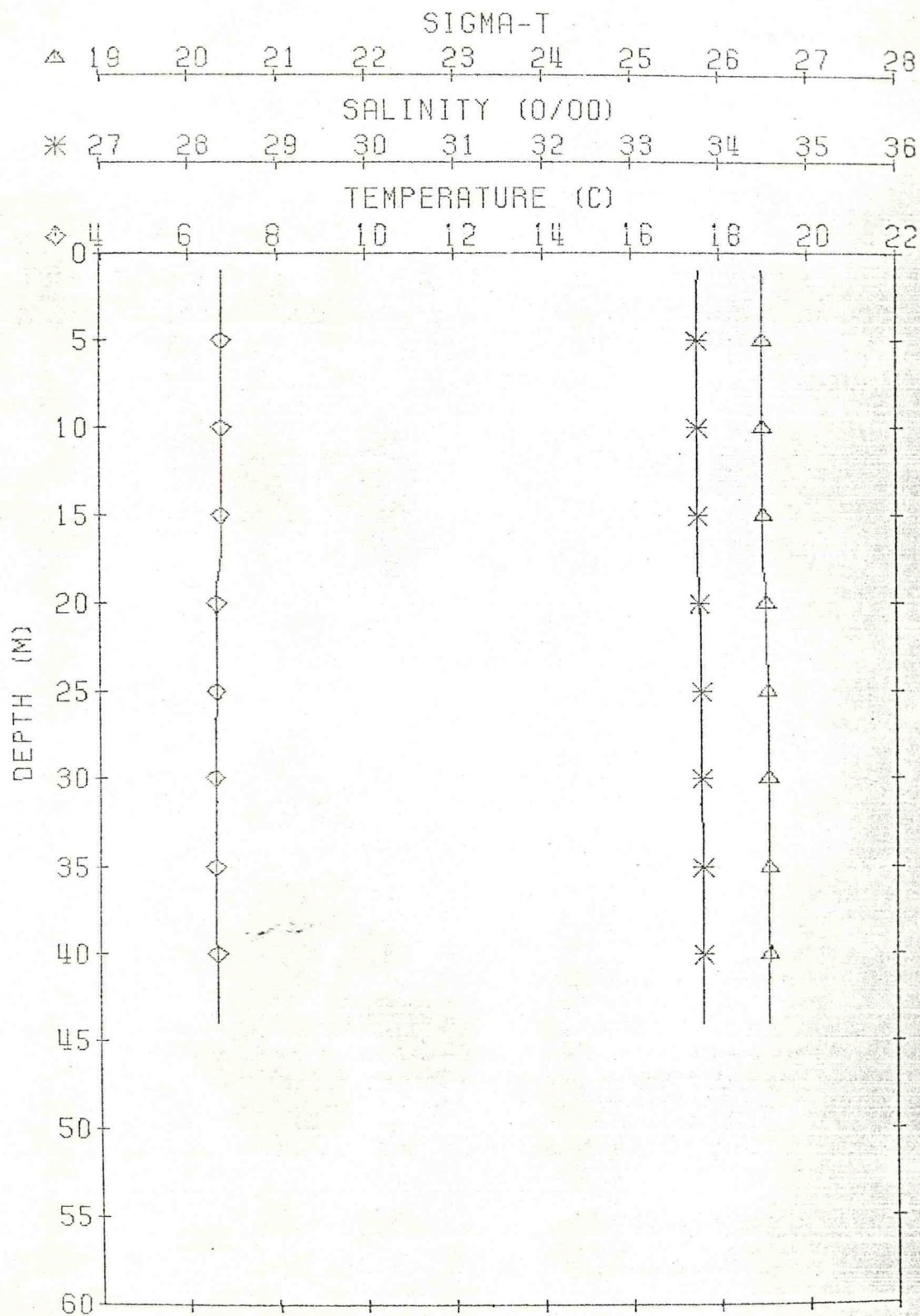
XWCC RESEARCHER CRS. 3 STA. 42 MARCH 3, 1975



RE CRS/STA 03/43 LAT 39 21.5N; LONG 73 29.2W GMT 03.3 02/23/75
DEPTH 046 AIR D/W 08.0/07.8 BARO 22.7 VIS 7 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 19/14 SEA DIR/HT 19/0 SWELL DIR/HT 22/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	6.75	33.75	26.49
2	6.74	33.74	26.49
3	6.74	33.74	26.49
4	6.75	33.74	26.48
5	6.75	33.74	26.48
6	6.74	33.74	26.48
7	6.74	33.74	26.48
8	6.73	33.74	26.49
9	6.73	33.74	26.49
10	6.74	33.74	26.49
11	6.74	33.74	26.49
12	6.73	33.74	26.49
13	6.73	33.74	26.49
14	6.73	33.74	26.49
15	6.73	33.74	26.49
16	6.74	33.74	26.49
17	6.73	33.73	26.48
18	6.70	33.73	26.48
19	6.64	33.76	26.51
20	6.63	33.76	26.52
21	6.62	33.77	26.52
22	6.62	33.77	26.52
23	6.62	33.77	26.52
24	6.62	33.78	26.53
25	6.62	33.78	26.53
26	6.62	33.78	26.53
27	6.61	33.77	26.53
28	6.60	33.78	26.53
29	6.59	33.77	26.53
30	6.59	33.78	26.54
31	6.59	33.78	26.54
32	6.59	33.78	26.54
33	6.59	33.79	26.54
34	6.60	33.79	26.54
35	6.60	33.79	26.54
36	6.60	33.79	26.54
37	6.61	33.79	26.54
38	6.61	33.80	26.54
39	6.61	33.80	26.55
40	6.63	33.80	26.55
41	6.63	33.80	26.54
42	6.63	33.80	26.54
43	6.63	33.80	26.54
44	6.62	33.79	26.54

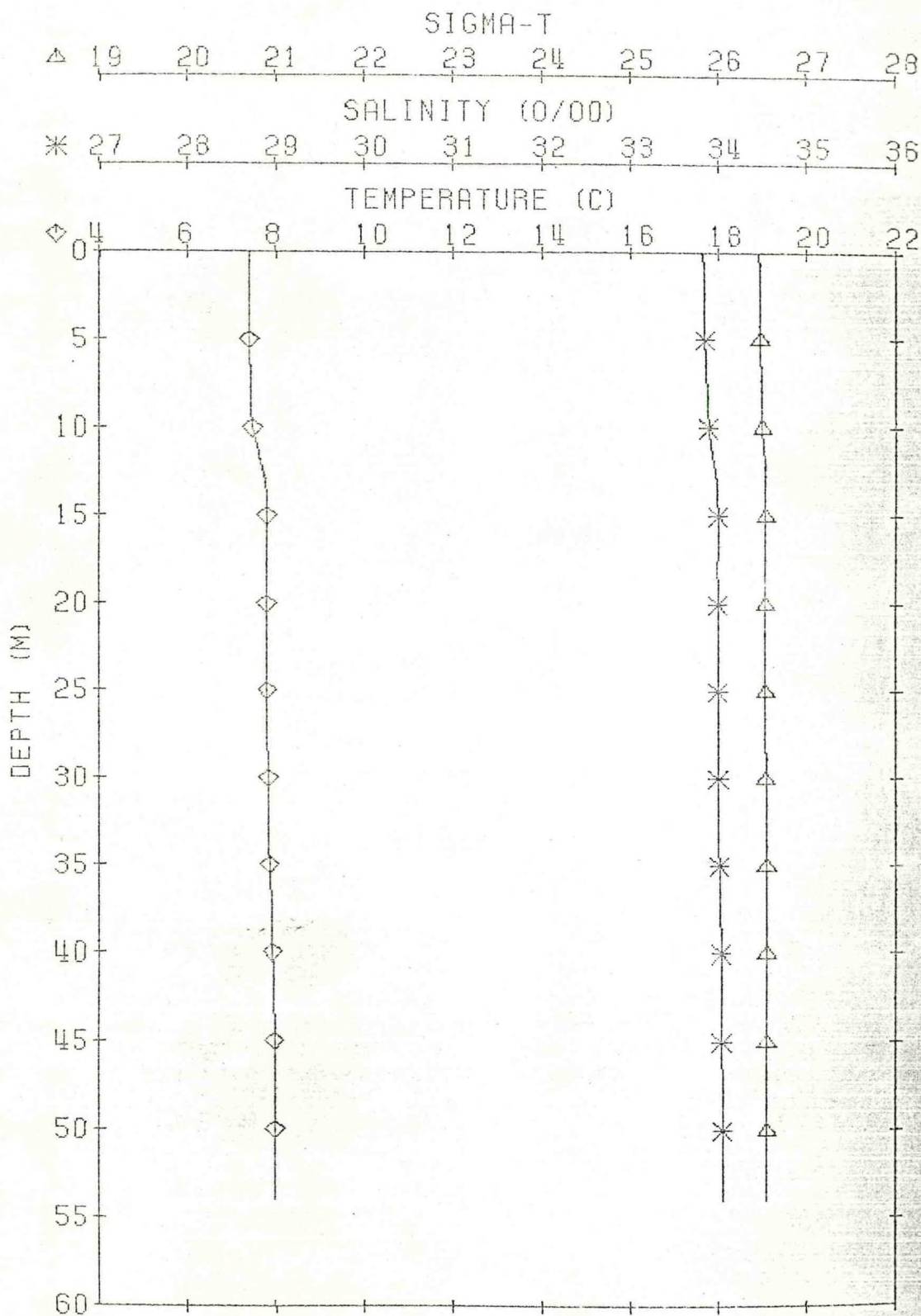
XWCC RESEARCHER CRS. 3 STA. 43 FEB. 23, 1975



RE CRS/STA 03/44 LAT 39 18.0N; LONG 73 13.8W GMT 22.7 02/22/75
 DEPTH 059 AIR D/W 08.2/06.8 BARO 26.1 VIS 7 CLD TYP/CVR X/4
 WETHR 1 WIND DIR/SPD 19/08 SEA DIR/HT 19/0 SWELL DIR/HT 22/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	7.38	33.81	25.45
1	7.39	33.82	25.46
2	7.39	33.82	25.46
3	7.39	33.82	25.46
4	7.39	33.83	25.46
5	7.40	33.83	25.47
6	7.41	33.84	25.47
7	7.42	33.85	25.47
8	7.43	33.85	25.48
9	7.45	33.86	25.48
10	7.48	33.88	25.49
11	7.57	33.90	25.50
12	7.66	33.94	25.51
13	7.78	33.98	25.52
14	7.79	33.98	25.52
15	7.80	33.98	25.52
16	7.80	33.98	25.53
17	7.80	33.98	25.53
18	7.80	33.98	25.53
19	7.80	33.98	25.53
20	7.80	33.98	25.53
21	7.81	33.98	25.53
22	7.81	33.98	25.53
23	7.81	33.98	25.53
24	7.81	33.99	25.53
25	7.81	33.99	25.53
26	7.81	33.99	25.53
27	7.81	33.99	25.53
28	7.81	33.99	25.53
29	7.82	33.99	25.53
30	7.83	33.99	25.53
31	7.83	33.99	25.53
32	7.83	34.00	25.53
33	7.84	33.99	25.53
34	7.85	34.00	25.53
35	7.86	34.00	25.53
36	7.88	34.01	25.54
37	7.91	34.02	25.54
38	7.92	34.02	25.54
39	7.92	34.02	25.54
40	7.93	34.02	25.54
41	7.94	34.02	25.54
42	7.95	34.02	25.54
43	7.96	34.03	25.54
44	7.97	34.03	25.54
45	7.97	34.03	25.54
46	7.97	34.04	25.54
47	7.98	34.04	25.54
48	7.98	34.04	25.54
49	7.98	34.04	25.54
50	7.98	34.04	25.54
54	7.98	34.04	25.55

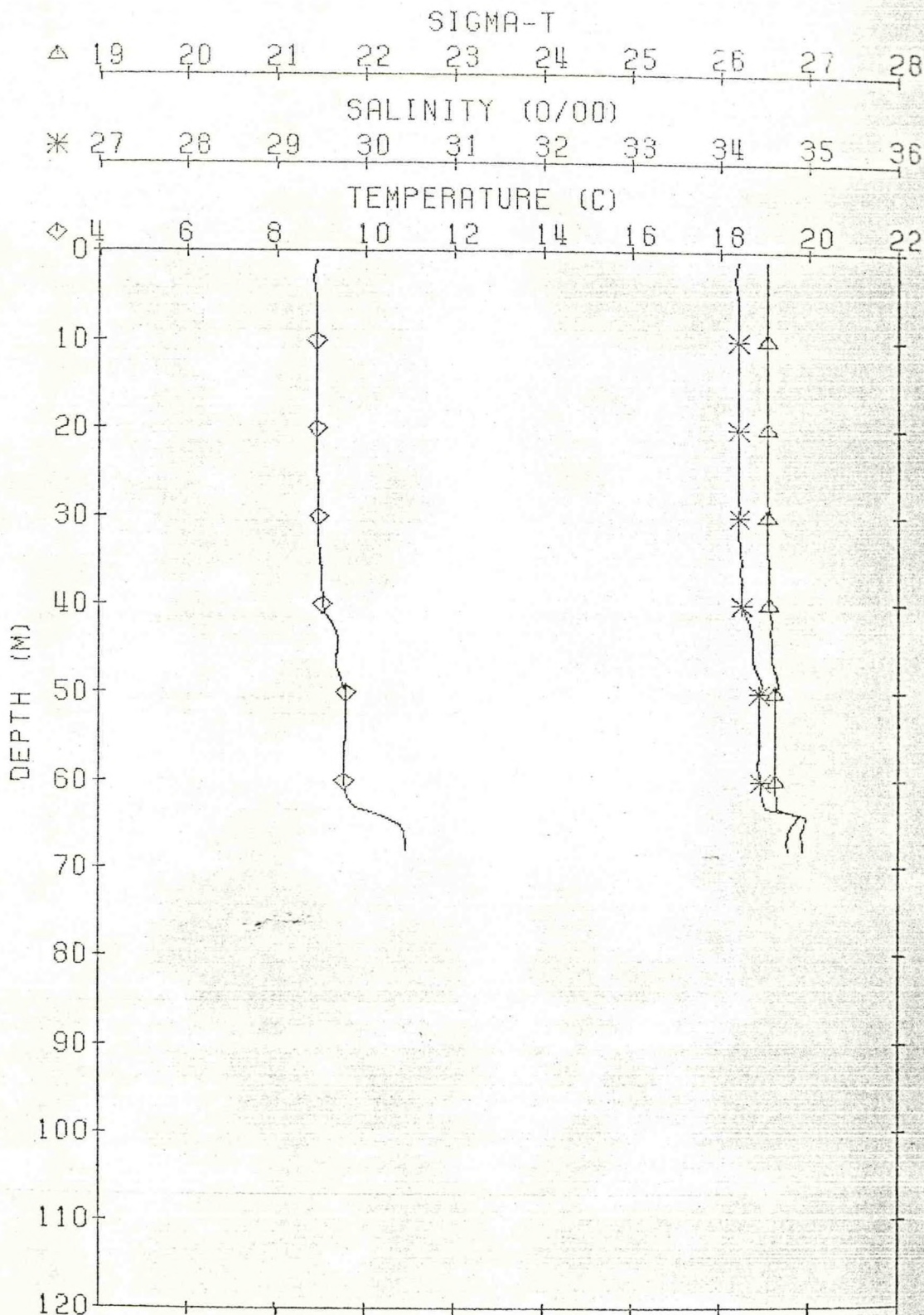
XWCC RESEARCHER CAS. 3 STA. 44 FEB. 22, 1975



RE CRS/STA 03/45 LAT 39 16.1N; LONG 73 1.3W GMT 21.1 03/02/75
 DEPTH 069 AIR D/W 02.0/-1.0 BARO 96.6 VIS 7 CLD TYP/CVR X/A
 WETHR 2 WIND DIR/SPD 31/18 SEA DIR/HT 31/3 SWELL DIR/HT 01/4

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	8.89	34.19	26.52
2	8.86	34.18	26.52
3	8.81	34.16	26.51
4	8.85	34.18	26.52
5	8.87	34.18	26.52
6	8.89	34.19	26.52
7	8.89	34.19	26.52
8	8.89	34.19	26.52
9	8.89	34.19	26.52
10	8.89	34.19	26.52
11	8.89	34.19	26.52
12	8.89	34.19	26.52
13	8.89	34.19	26.52
14	8.89	34.19	26.52
15	8.89	34.19	26.52
16	8.90	34.19	26.52
17	8.90	34.19	26.52
18	8.90	34.19	26.52
19	8.91	34.19	26.52
20	8.90	34.19	26.52
21	8.89	34.19	26.52
22	8.90	34.19	26.52
23	8.90	34.19	26.52
24	8.90	34.19	26.52
25	8.90	34.20	26.52
26	8.91	34.20	26.52
27	8.92	34.20	26.52
28	8.92	34.20	26.52
29	8.94	34.21	26.53
30	8.94	34.20	26.52
31	8.94	34.20	26.52
32	8.93	34.20	26.52
33	8.93	34.20	26.53
34	8.96	34.21	26.52
35	8.96	34.22	26.54
36	8.98	34.22	26.53
37	8.99	34.22	26.53
38	8.99	34.22	26.53
39	9.02	34.23	26.53
40	9.02	34.23	26.53
41	9.07	34.26	26.55
42	9.21	34.32	26.57
43	9.33	34.33	26.58
44	9.37	34.36	26.58
45	9.37	34.35	26.57
46	9.33	34.35	26.57
47	9.33	34.38	26.60
48	9.40	34.44	26.63
49	9.48	34.46	26.64
50	9.54	34.43	26.60
60	9.51	34.44	26.62
68	10.88	34.91	26.75

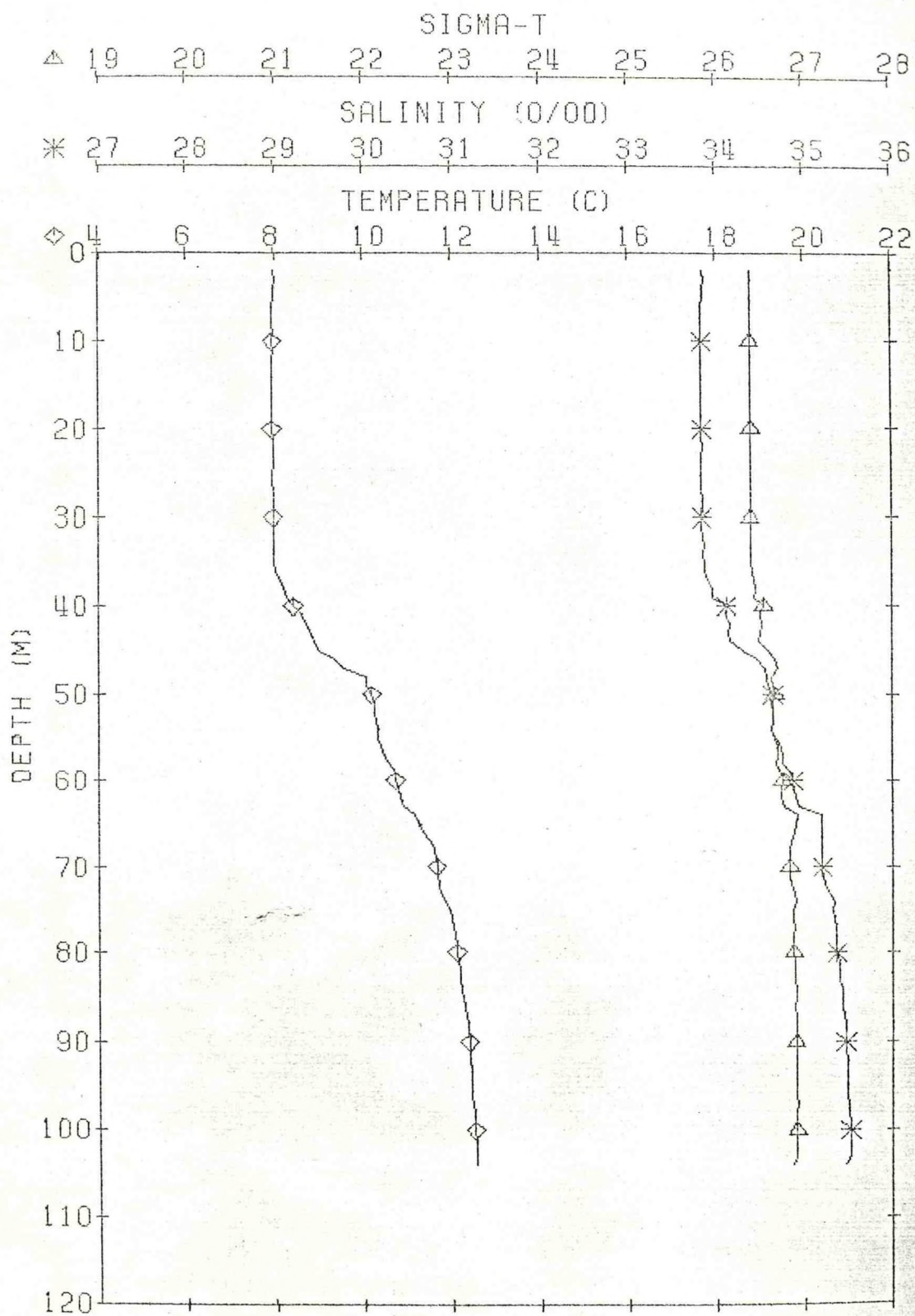
XWCC RESEARCHER CRS. 3 STA. 45 MARCH 2, 1975



RE CRS/STA 03/46 LAT 39 12.8N; LONG 72 45.1W GMT 19.1 03/02/75
 DEPTH 106 AIR D/W 03.0/00.5 BARO 95.9 VTS 7 CLD TYP/CVR X/R
 WETHR 2 WIND DIR/SPD 35/23 SEA DIR/HT 35/4 SWELL DIR/HT 01/4

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	8.00	33.85	25.39
3	8.01	33.86	25.40
4	7.98	33.85	25.39
5	7.97	33.85	25.39
6	7.96	33.83	25.39
7	7.96	33.83	25.39
8	7.96	33.83	25.39
9	7.97	33.83	25.38
10	7.96	33.83	25.39
11	7.97	33.83	25.39
12	7.96	33.84	25.39
13	7.96	33.83	25.39
14	7.96	33.83	25.39
15	7.96	33.83	25.39
16	7.96	33.83	25.39
17	7.96	33.83	25.39
18	7.96	33.83	25.39
19	7.96	33.83	25.39
20	7.95	33.83	25.39
21	7.97	33.83	25.39
22	7.97	33.84	25.39
23	7.97	33.84	25.38
24	7.97	33.83	25.38
25	7.96	33.83	25.38
26	7.96	33.84	25.39
27	7.97	33.84	25.39
28	7.97	33.84	25.39
29	7.98	33.84	25.39
30	7.97	33.83	25.38
31	7.97	33.84	25.38
32	7.97	33.84	25.39
33	7.98	33.86	25.40
34	7.99	33.85	25.39
35	8.00	33.86	25.40
36	8.03	33.87	25.40
37	8.12	33.91	25.42
38	8.21	33.95	25.44
39	8.27	33.96	25.44
40	8.41	34.11	25.53
41	8.60	34.11	25.59
42	8.72	34.15	25.52
43	8.83	34.14	25.49
44	8.90	34.15	25.49
45	9.02	34.30	25.59
46	9.33	34.47	25.67
47	9.56	34.55	25.70
48	10.05	34.58	25.63
49	10.04	34.60	25.65
50	10.18	34.64	25.66
60	10.71	34.87	25.75
70	11.64	35.20	25.83
80	12.09	35.36	25.87
90	12.37	35.46	25.89
100	12.50	35.51	25.91
104	12.52	35.47	25.87

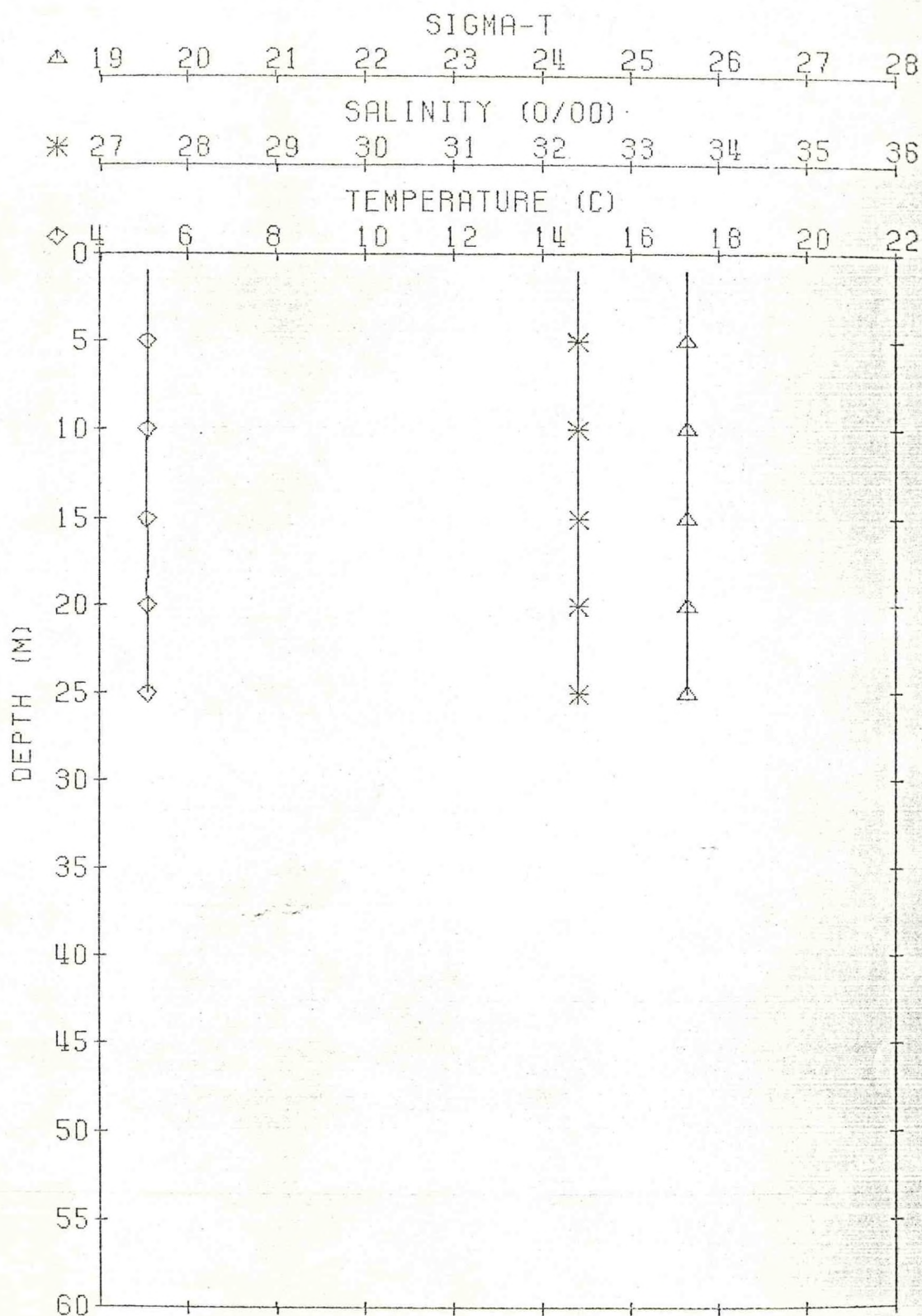
XWCC RESEARCHER CRS. 3 STA. 46 MARCH 2, 1975



RE CRS/STA 03/47 LAT 39 42.7N; LONG 73 56.6W GMT 16.1 03/03/75
DEPTH 026 AIR D/W -1.0/-4.0 BARO 06.8 VIS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 28/18 SEA DIR/HT 28/2 SWELL DIR/HT 30/3

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.06	32.39	25.63
2	5.06	32.39	25.63
3	5.06	32.39	25.63
4	5.06	32.39	25.63
5	5.06	32.39	25.63
6	5.06	32.39	25.63
7	5.06	32.39	25.63
8	5.06	32.39	25.63
9	5.06	32.39	25.63
10	5.06	32.39	25.63
11	5.05	32.40	25.63
12	5.05	32.40	25.63
13	5.05	32.40	25.63
14	5.05	32.40	25.63
15	5.05	32.40	25.63
16	5.06	32.40	25.63
17	5.06	32.40	25.63
18	5.06	32.40	25.63
19	5.05	32.40	25.63
20	5.06	32.40	25.63
21	5.06	32.40	25.63
22	5.05	32.40	25.63
23	5.05	32.40	25.63
24	5.06	32.40	25.63
25	5.06	32.40	25.63

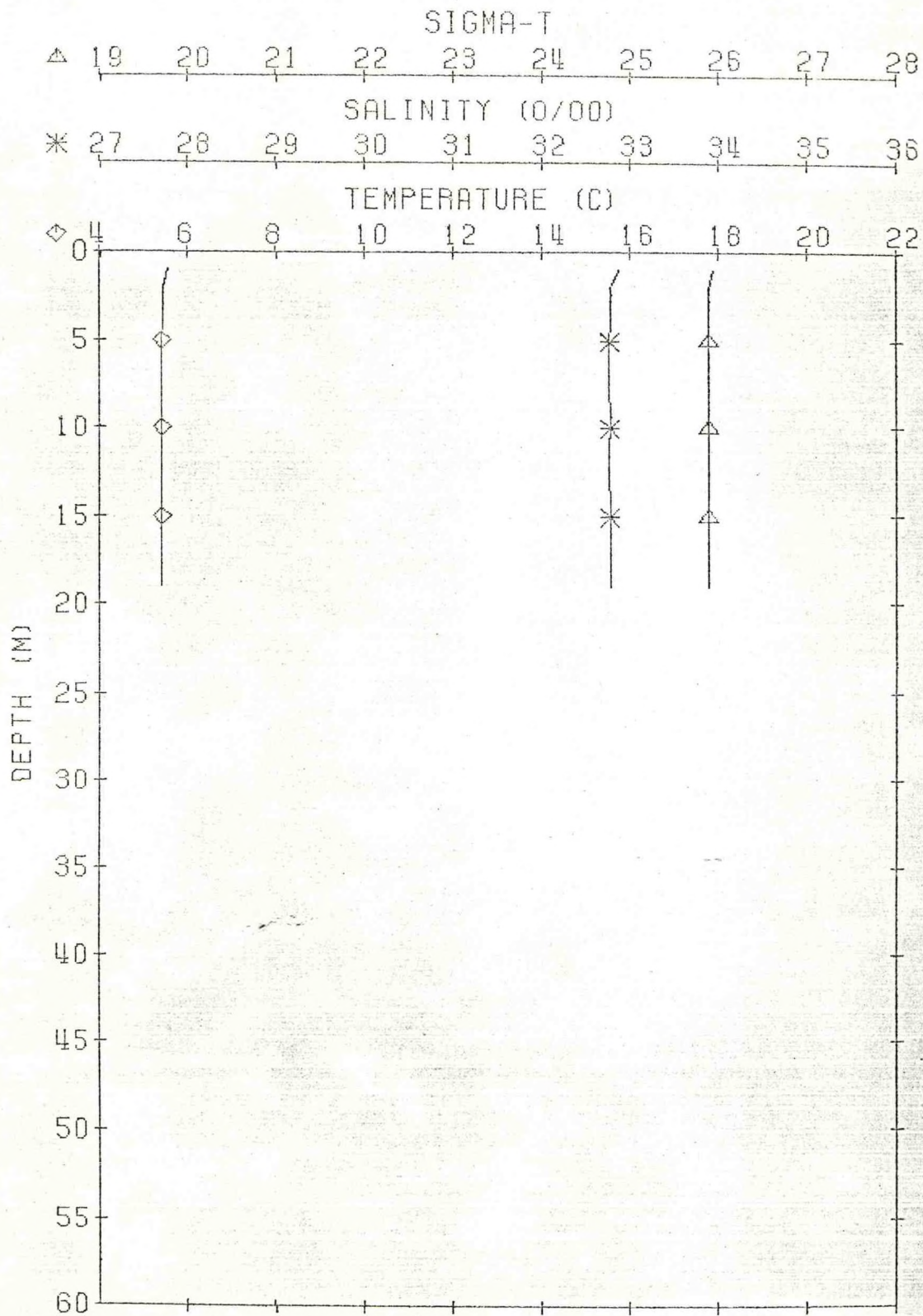
XWCC RESEARCHER CRS. 3 STA. 47 MARCH 3, 1975



RE CRS/STA 03/48 LAT 39 40.6N; LONG 73 45.5W GMT 05.8 03/03/75
DEPTH 022 AIR D/W 01.0/-1.8 BARO 01.7 VIS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 29/26 SEA DIR/HT 29/3 SWELL DIR/HT 29/3

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.55	32.86	25.94
2	5.44	32.77	25.88
3	5.43	32.77	25.88
4	5.43	32.77	25.88
5	5.41	32.76	25.88
6	5.41	32.76	25.88
7	5.41	32.76	25.88
8	5.41	32.76	25.88
9	5.41	32.76	25.88
10	5.41	32.76	25.88
11	5.41	32.76	25.88
12	5.41	32.76	25.88
13	5.41	32.76	25.88
14	5.41	32.76	25.88
15	5.41	32.76	25.88
16	5.41	32.76	25.88
17	5.42	32.76	25.88
18	5.42	32.76	25.88
19	5.42	32.76	25.88

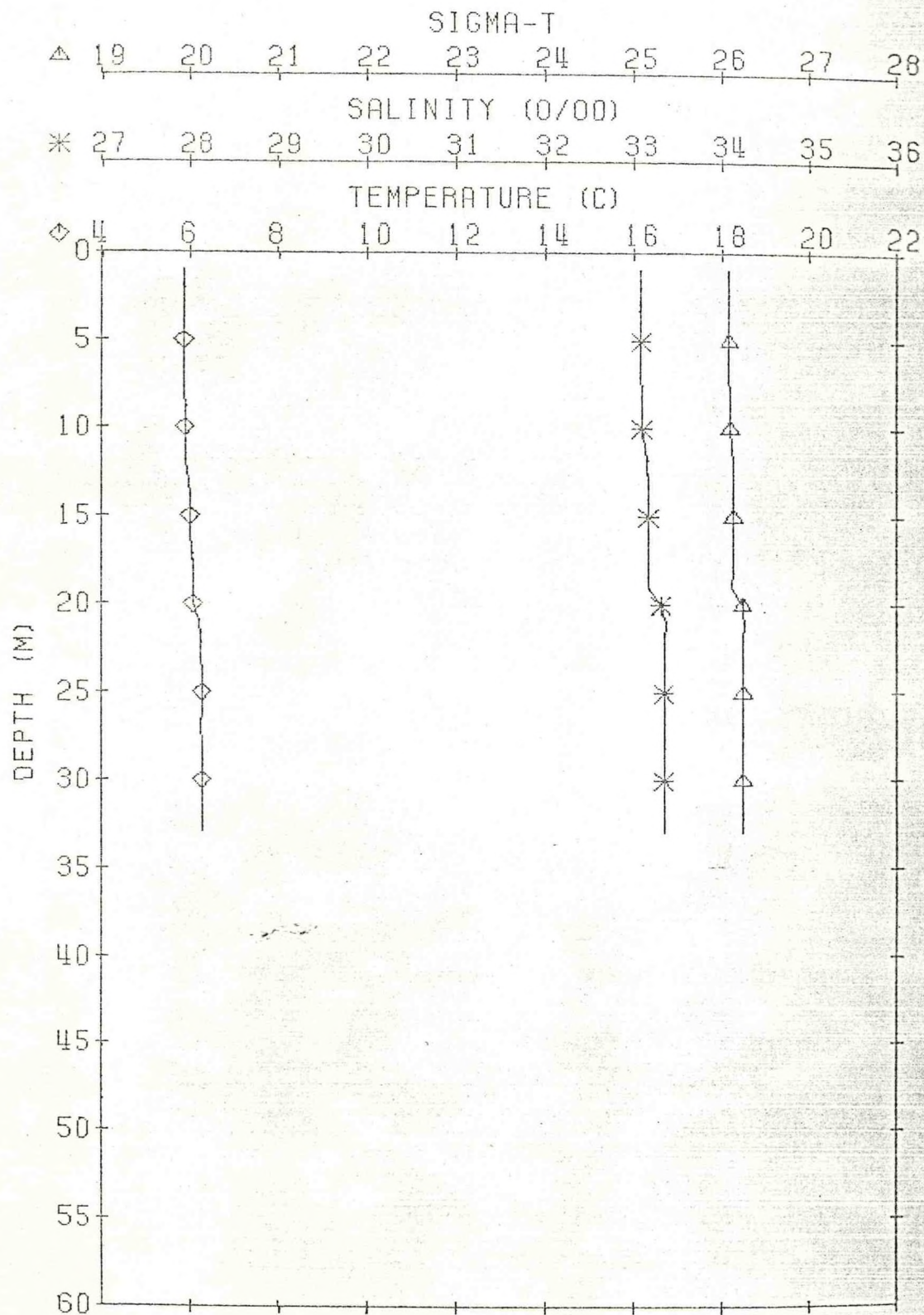
XWCC RESEARCHER CRS. 3 STA. 48 MARCH 3, 1975



RE CRS/STA 03/49 LAT 39 37.4N; LONG 73 33.6W GMT 04.1 03/03/75
DEPTH 035 AIR D/W 00.6/-1.7 BARO 00.3 VIS 7 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 32/28 SEA DIR/HT 32/4 SWELL DIR/HT 30/4

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.84	33.07	26.07
2	5.84	33.07	26.07
3	5.84	33.07	26.07
4	5.84	33.07	26.07
5	5.84	33.07	26.07
6	5.84	33.07	26.07
7	5.84	33.07	26.07
8	5.85	33.08	26.08
9	5.86	33.08	26.08
10	5.86	33.08	26.08
11	5.88	33.11	26.10
12	5.89	33.14	26.12
13	5.95	33.16	26.13
14	5.97	33.15	26.12
15	5.97	33.16	26.12
16	5.97	33.16	26.13
17	6.01	33.16	26.12
18	6.05	33.16	26.11
19	6.05	33.15	26.11
20	6.06	33.29	26.22
21	6.18	33.35	26.25
22	6.23	33.34	26.23
23	6.25	33.33	26.22
24	6.25	33.33	26.23
25	6.26	33.33	26.22
26	6.26	33.33	26.22
27	6.25	33.33	26.22
28	6.26	33.33	26.23
29	6.26	33.33	26.22
30	6.26	33.33	26.22
31	6.26	33.33	26.22
32	6.26	33.33	26.22
33	6.26	33.33	26.22

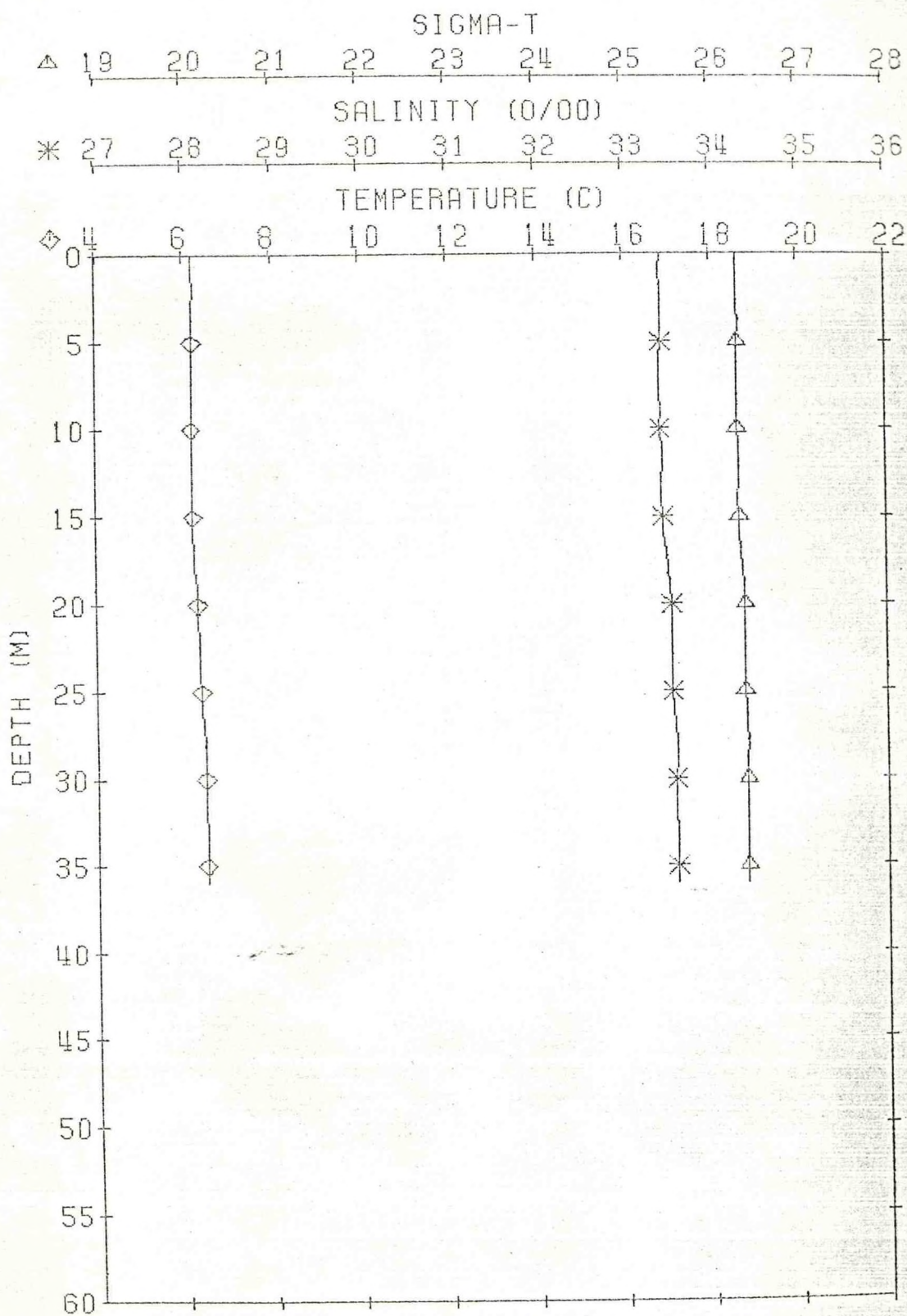
XWCC RESEARCHER CRS. 3 STA. 49 MARCH 3, 1975



RE CRS/STA 03/50 LAT 39 35.3N; LONG 73 22.3W GMT 05.6 02/23/75
DEPTH 038 AIR D/W 08.7/08.0 BARO 20.3 VTS 7 CLD TYP/CVR X/0
WETHR 0 WIND DIR/SPD 20/19 SEA DIR/HT 20/2 SWELL DIR/HT 20/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	6.19	33.42	26.31
1	6.22	33.42	26.30
2	6.22	33.42	26.30
3	6.20	33.43	26.31
4	6.20	33.43	26.31
5	6.20	33.43	26.31
6	6.21	33.41	26.29
7	6.21	33.41	26.29
8	6.19	33.42	26.30
9	6.19	33.42	26.30
10	6.19	33.42	26.30
11	6.20	33.44	26.32
12	6.21	33.44	26.32
13	6.21	33.44	26.31
14	6.20	33.43	26.31
15	6.21	33.44	26.32
16	6.21	33.45	26.32
17	6.23	33.47	26.34
18	6.25	33.50	26.36
19	6.29	33.53	26.37
20	6.31	33.53	26.38
21	6.32	33.54	26.38
22	6.33	33.54	26.38
23	6.34	33.54	26.38
24	6.36	33.54	26.38
25	6.37	33.54	26.38
26	6.38	33.55	26.38
27	6.42	33.58	26.40
28	6.44	33.58	26.40
29	6.45	33.58	26.40
30	6.46	33.58	26.40
31	6.46	33.58	26.40
32	6.47	33.58	26.39
33	6.48	33.59	26.40
34	6.48	33.59	26.40
35	6.48	33.59	26.40
36	6.49	33.58	26.39

XWCC RESEARCHER CRS. 3 STA. 50 FEB. 23, 1975

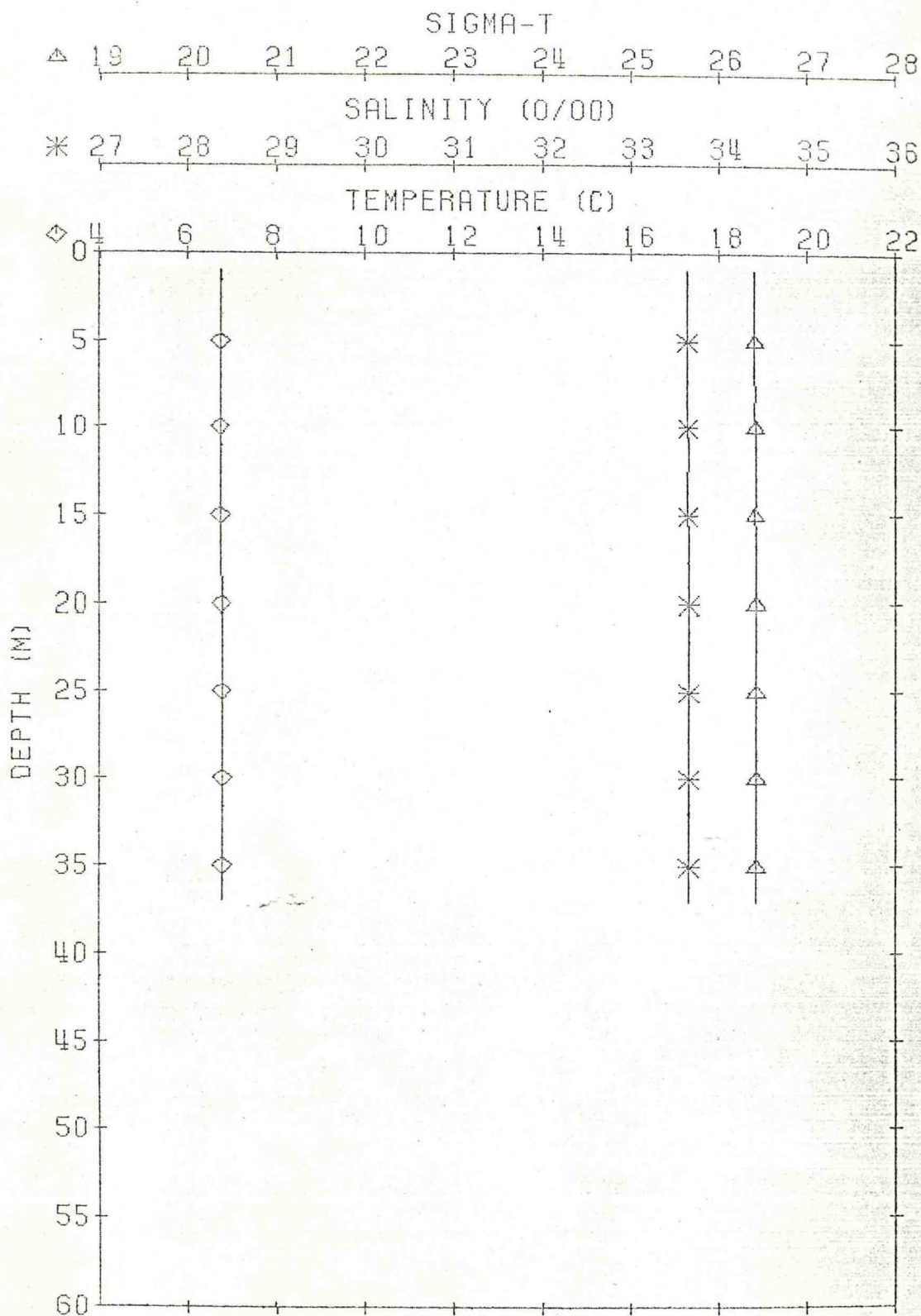


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RE CRS/STA 03/51 LAT 39 31.3N; LONG 73 10.4W GMT 23.4 03/02/75
DEPTH 043 AIR D/W 03.0/-0.5 BARO 97.3 VIS 7 CLD TYP/CVR X/8
WETHR 2 WIND DIR/SPD 31/22 SEA DIR/HT 31/3 SWELL DIR/HT 49/4

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	6.74	33.63	26.40
2	6.75	33.63	26.40
3	6.75	33.63	26.40
4	6.75	33.63	26.40
5	6.75	33.63	26.40
6	6.75	33.63	26.39
7	6.74	33.63	26.40
8	6.74	33.64	26.40
9	6.74	33.63	26.40
10	6.74	33.63	26.40
11	6.74	33.64	26.40
12	6.74	33.64	26.40
13	6.74	33.64	26.40
14	6.74	33.64	26.40
15	6.74	33.63	26.40
16	6.75	33.64	26.40
17	6.76	33.65	26.41
18	6.76	33.65	26.41
19	6.77	33.65	26.41
20	6.77	33.65	26.41
21	6.77	33.65	26.40
22	6.77	33.64	26.40
23	6.77	33.64	26.40
24	6.77	33.64	26.40
25	6.77	33.65	26.41
26	6.77	33.65	26.41
27	6.78	33.65	26.41
28	6.78	33.65	26.41
29	6.78	33.65	26.41
30	6.79	33.65	26.41
31	6.79	33.65	26.41
32	6.79	33.65	26.41
33	6.79	33.65	26.41
34	6.79	33.65	26.41
35	6.79	33.65	26.41
36	6.79	33.65	26.41
37	6.79	33.65	26.41

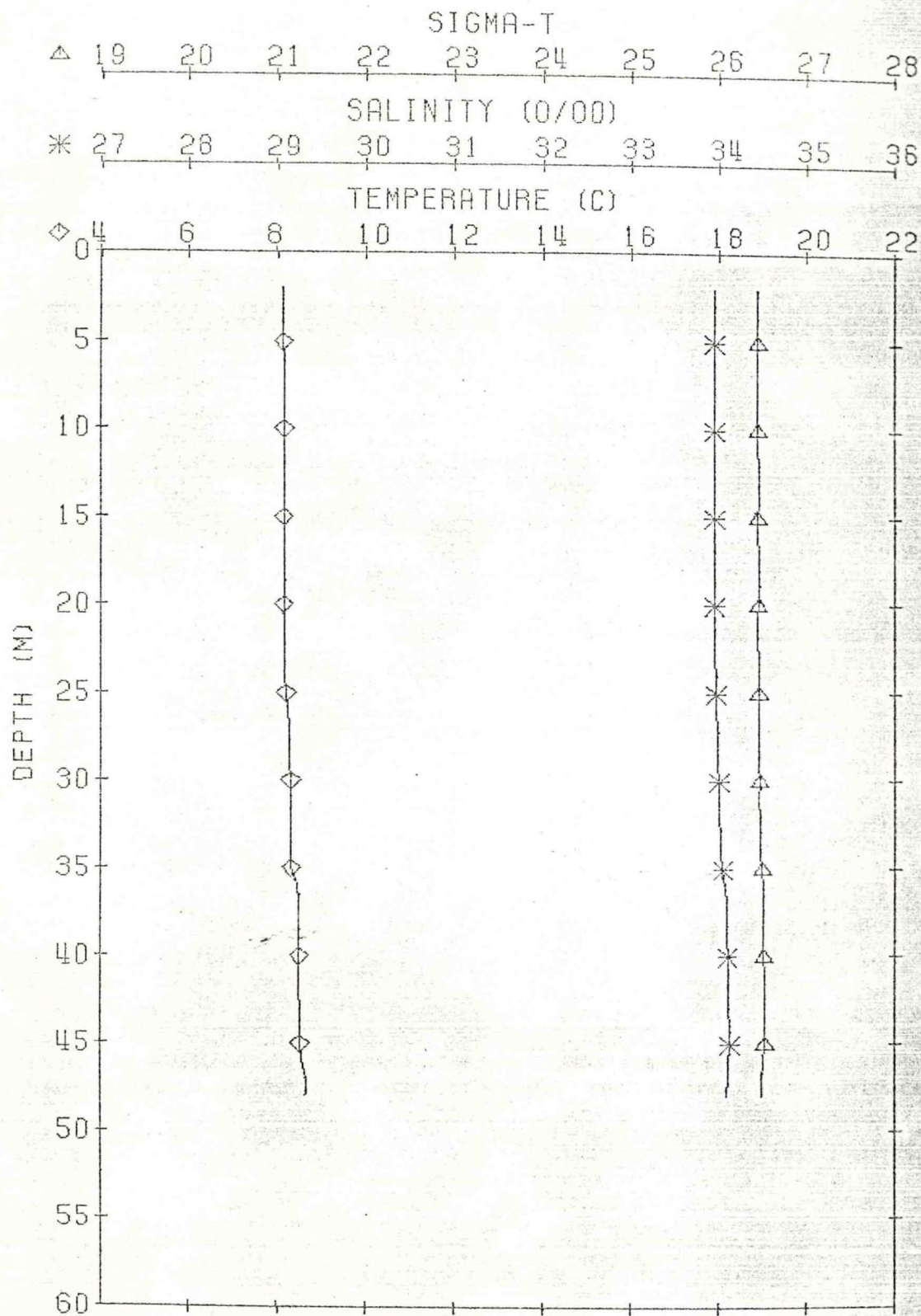
XWCC RESEARCHER CRS. 3 STA. 51 MARCH 2, 1975



RE CRS/STA 03/52 LAT 39 27.5N; LONG 72 51.5W GMT 17.0 03/02/75
DEPTH 062 AIR D/W 01.0/00.0 BARO 94.9 VIS 6 CLD TYP/CVR X/8
WETHR 7 WIND DIR/SPD 01/25 SEA DIR/HT 01/2 SWELL DIR/HT 01/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	8.14	33.93	26.44
3	8.14	33.93	26.44
4	8.14	33.93	26.43
5	8.14	33.93	26.44
6	8.15	33.93	26.43
7	8.15	33.93	26.43
8	8.15	33.93	26.44
9	8.15	33.94	26.44
10	8.16	33.93	26.43
11	8.15	33.93	26.44
12	8.15	33.94	26.44
13	8.15	33.94	26.44
14	8.15	33.94	26.44
15	8.15	33.93	26.43
16	8.16	33.93	26.43
17	8.16	33.94	26.44
18	8.15	33.94	26.44
19	8.15	33.93	26.44
20	8.15	33.94	26.44
21	8.15	33.93	26.44
22	8.16	33.93	26.43
23	8.17	33.94	26.44
24	8.18	33.95	26.44
25	8.20	33.95	26.44
26	8.22	33.96	26.44
27	8.26	33.97	26.45
28	8.26	33.97	26.45
29	8.27	33.98	26.45
30	8.30	33.99	26.46
31	8.31	33.98	26.45
32	8.31	34.00	26.46
33	8.31	34.01	26.47
34	8.31	34.01	26.47
35	8.33	34.04	26.49
36	8.45	34.07	26.49
37	8.48	34.09	26.50
38	8.49	34.09	26.51
39	8.49	34.09	26.51
40	8.50	34.09	26.51
41	8.50	34.10	26.51
42	8.51	34.10	26.51
43	8.52	34.11	26.51
44	8.52	34.11	26.52
45	8.53	34.11	26.52
46	8.56	34.10	26.51
47	8.68	34.10	26.48
48	8.65	34.09	26.48

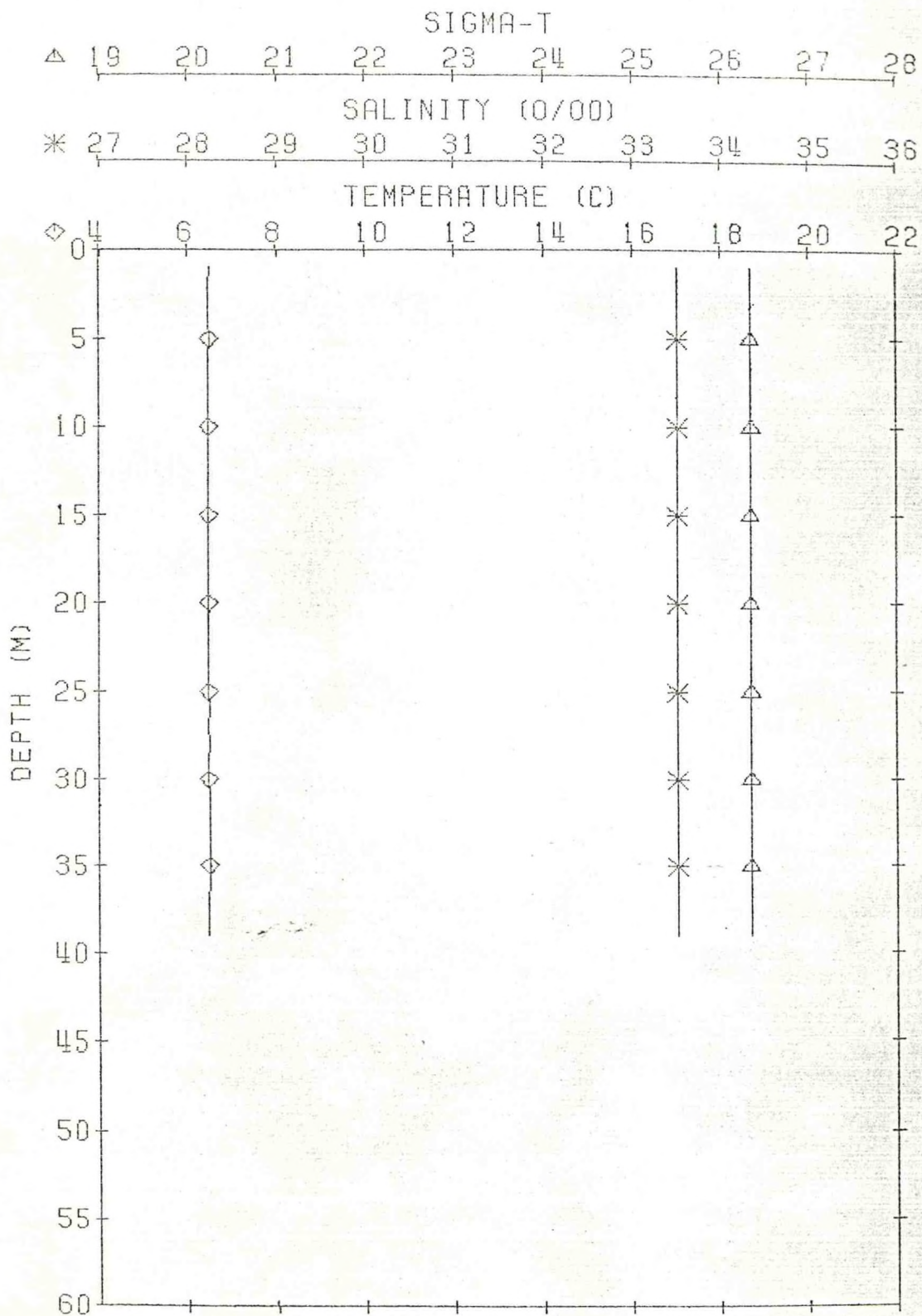
XWCC RESEARCHER CRS. 3 STA. 52 MARCH 2, 1975



RE CRS/STA 03/53 LAT 39 47.9N; LONG 73 23.4W GMT 02.0 03/03/75
DEPTH 040 AIR D/W 03.8/00.0 BARO 99.0 VIS 7 CLD TYP/CVR X/8
WETHR 2 WIND DIR/SPD 31/22 SEA DIR/HT 31/3 SWELL DIR/HT 30/4

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	6.47	33.50	26.33
2	6.47	33.50	26.33
3	6.47	33.50	26.33
4	6.47	33.50	26.33
5	6.47	33.50	26.33
6	6.47	33.50	26.33
7	6.47	33.50	26.33
8	6.46	33.50	26.33
9	6.47	33.50	26.33
10	6.47	33.50	26.33
11	6.47	33.50	26.33
12	6.46	33.50	26.33
13	6.47	33.50	26.33
14	6.46	33.50	26.33
15	6.47	33.50	26.33
16	6.46	33.50	26.33
17	6.46	33.50	26.33
18	6.47	33.50	26.33
19	6.46	33.50	26.33
20	6.47	33.50	26.33
21	6.47	33.50	26.33
22	6.46	33.50	26.33
23	6.47	33.50	26.33
24	6.47	33.50	26.33
25	6.47	33.50	26.33
26	6.47	33.50	26.33
27	6.47	33.50	26.33
28	6.47	33.50	26.33
29	6.47	33.50	26.33
30	6.47	33.50	26.33
31	6.47	33.50	26.33
32	6.47	33.50	26.33
33	6.48	33.50	26.33
34	6.47	33.50	26.33
35	6.47	33.50	26.33
36	6.47	33.50	26.33
37	6.47	33.50	26.33
38	6.47	33.50	26.33
39	6.47	33.50	26.33

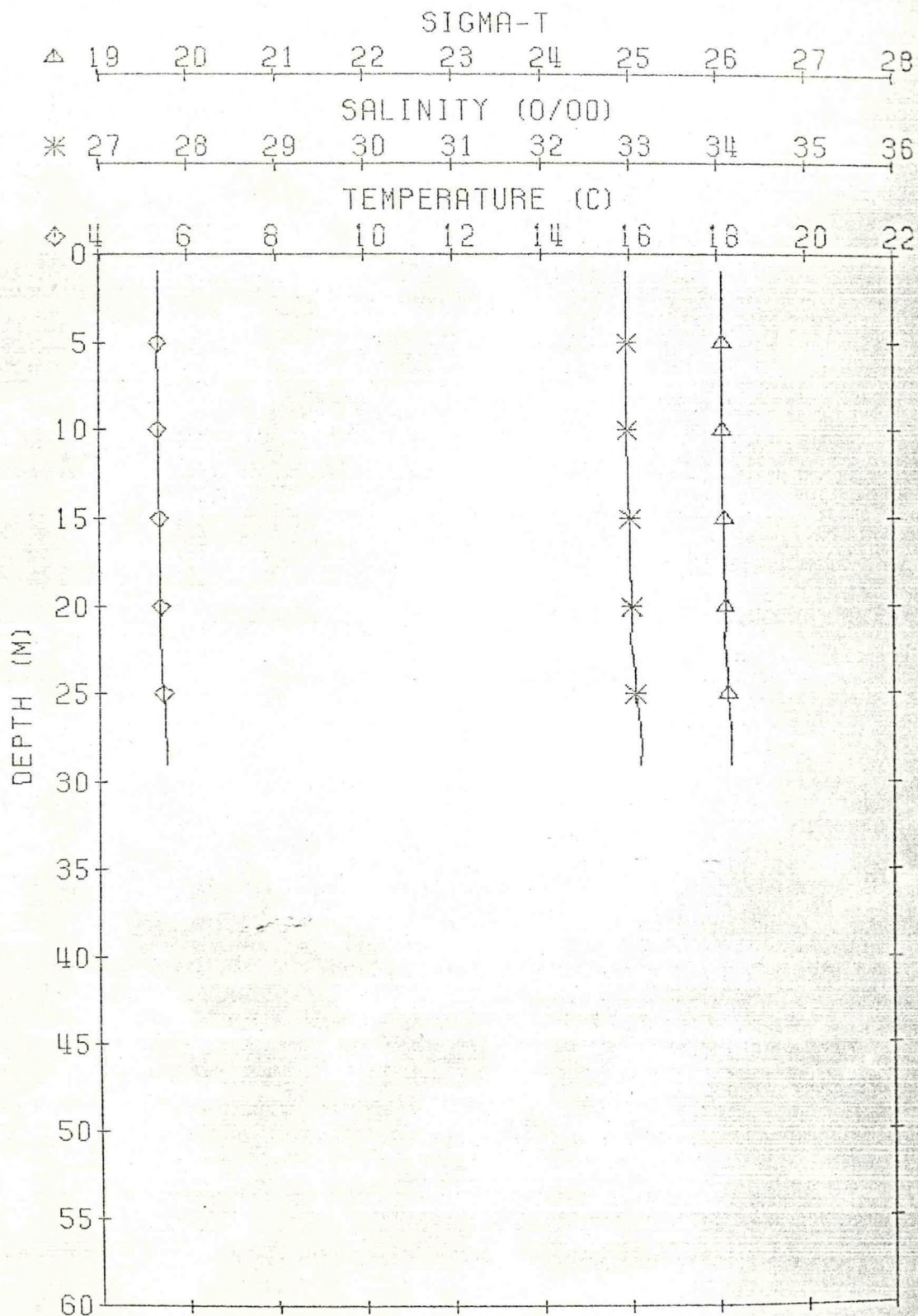
XWCC RESEARCHER CRS. 3 STA. 53 MARCH 3, 1975



RE CRS/STA 03/54 LAT 39 52.7N; LONG 73 34.5W GMT 21.1 03/03/75
DEPTH 031 AIR D/W 00.8/-2.0 BARO 06.1 VTS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 28/20 SEA DIR/HT 28/2 SWELL DIR/HT 29/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.31	32.96	26.05
2	5.32	32.96	26.04
3	5.32	32.96	26.04
4	5.31	32.96	26.05
5	5.31	32.96	26.05
6	5.31	32.96	26.04
7	5.31	32.96	26.04
8	5.31	32.96	26.05
9	5.31	32.96	26.05
10	5.31	32.96	26.05
11	5.32	32.96	26.05
12	5.32	32.96	26.05
13	5.32	32.96	26.05
14	5.34	32.97	26.05
15	5.35	32.99	26.07
16	5.35	32.98	26.06
17	5.35	32.99	26.06
18	5.36	32.99	26.06
19	5.37	33.00	26.07
20	5.38	33.01	26.08
21	5.38	33.01	26.07
22	5.37	33.00	26.07
23	5.40	33.03	26.09
24	5.41	33.04	26.10
25	5.44	33.05	26.10
26	5.47	33.08	26.12
27	5.48	33.10	26.14
28	5.52	33.11	26.14
29	5.52	33.10	26.14

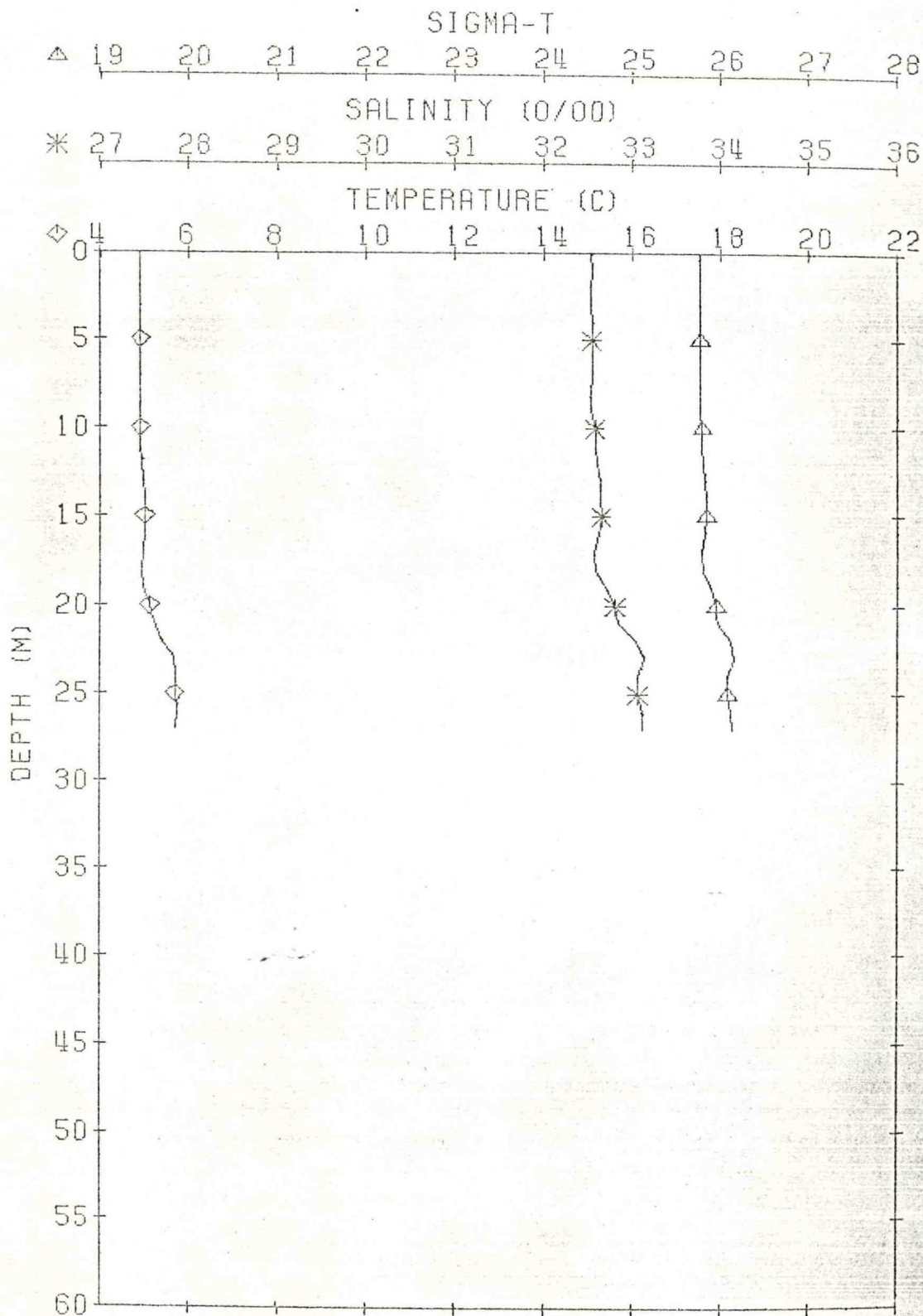
XWCC RESEARCHER CRS. 3 STA. 54 MARCH 3, 1975



RE CRS/STA 03/55 LAT 39 57.6N; LONG 73 44.8W GMT 19.7 03/03/75
DEPTH 030 AIR D/W -0.2/-3.5 BARO 05.4 VIS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 30/22 SEA DIR/HT 30/2 SWELL DIR/HT 29/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	4.90	32.52	25.75
1	4.90	32.53	25.75
2	4.90	32.53	25.75
3	4.90	32.52	25.75
4	4.91	32.53	25.75
5	4.90	32.53	25.75
6	4.90	32.53	25.75
7	4.90	32.53	25.75
8	4.90	32.52	25.75
9	4.90	32.53	25.75
10	4.91	32.57	25.78
11	4.91	32.57	25.78
12	4.93	32.59	25.80
13	4.96	32.62	25.82
14	5.00	32.63	25.82
15	5.00	32.64	25.83
16	5.00	32.61	25.81
17	4.97	32.56	25.77
18	4.93	32.57	25.79
19	4.97	32.69	25.87
20	5.11	32.79	25.94
21	5.21	32.83	25.95
22	5.38	33.03	26.10
23	5.64	33.12	26.13
24	5.70	33.04	26.06
25	5.68	33.04	26.07
26	5.72	33.09	26.10
27	5.71	33.10	26.11

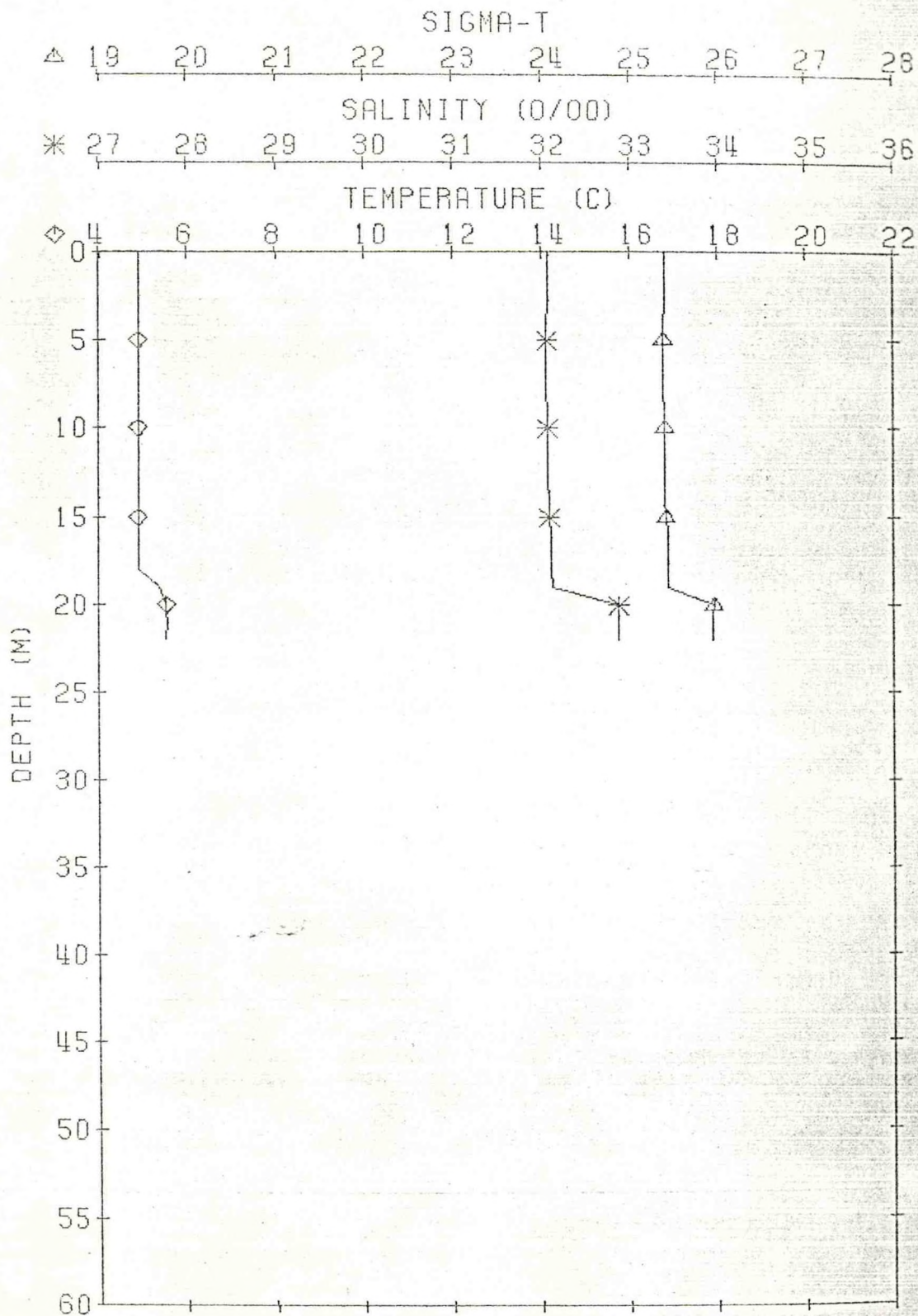
XWCC RESEARCHER CRS. 3 STA. 55 MARCH 3, 1975



RE CRS/STA 03/56 LAT 40 2.4N; LONG 73 53.7W GMT 18.4 03/03/75
DEPTH 024 AIR D/W -0.8/-3.5 RARO 05.1 VIS 8 cLD TYP/CVR X/4
WETR 1 WIND DIR/SPD 30/26 SEA DIR/HT 30/3 SWELL DIR/HT 30/3

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	4.88	32.07	25.39
1	4.88	32.07	25.39
2	4.88	32.07	25.39
3	4.88	32.07	25.39
4	4.87	32.05	25.38
5	4.88	32.05	25.38
6	4.87	32.05	25.38
7	4.88	32.05	25.38
8	4.88	32.05	25.38
9	4.88	32.06	25.38
10	4.88	32.06	25.39
11	4.88	32.06	25.39
12	4.88	32.07	25.39
13	4.88	32.07	25.39
14	4.88	32.07	25.40
15	4.88	32.08	25.40
16	4.89	32.10	25.42
17	4.89	32.10	25.42
18	4.89	32.10	25.42
19	5.35	32.12	25.42
20	5.52	32.87	25.95
21	5.53	32.86	25.94
22	5.52	32.86	25.94

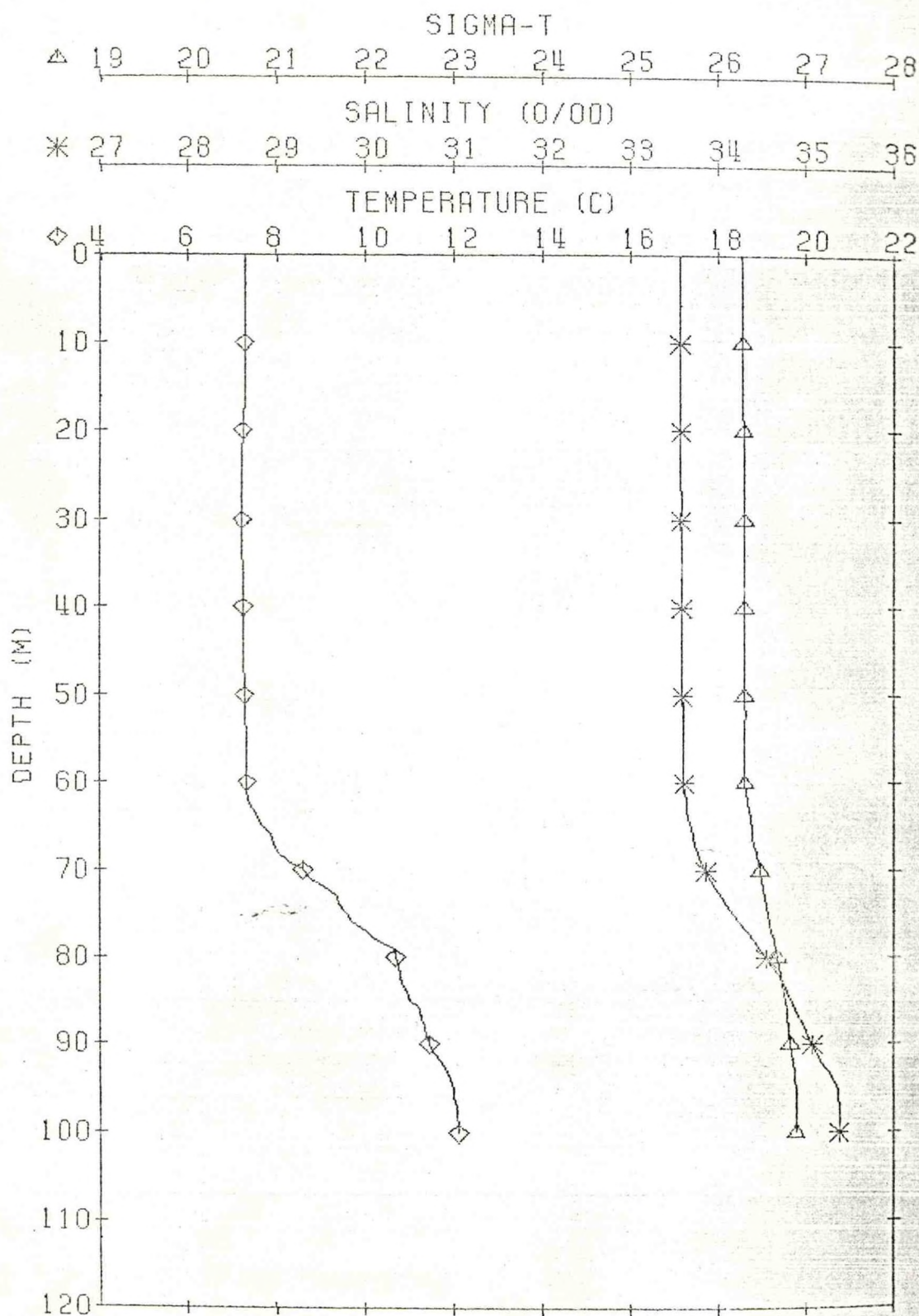
XWCC RESEARCHER CRS. 3 STA. 56 MARCH 3, 1975



RE CRS/STA 03/57 LAT 39.56.9N; LONG 71 51.3W GMT 04.1 03/01/75
 DEPTH 106 AIR D/W 08.6/06.8 BARO 08.1 VTS 7 CLD TYP/CVR X/R
 WETHR 2 WIND DIR/SPD 18/10 SEA DIR/HT 18/1 SWELL DIR/HT 17/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	7.28	33.55	25.26
1	7.28	33.55	25.26
2	7.28	33.55	25.26
3	7.28	33.55	25.26
4	7.28	33.55	25.26
5	7.28	33.55	25.26
6	7.28	33.55	25.26
7	7.28	33.55	25.26
8	7.28	33.55	25.26
9	7.28	33.55	25.26
10	7.28	33.55	25.26
11	7.28	33.55	25.26
12	7.28	33.55	25.26
13	7.28	33.55	25.26
14	7.28	33.55	25.26
15	7.28	33.55	25.26
16	7.28	33.55	25.26
17	7.28	33.55	25.26
18	7.26	33.55	25.27
19	7.24	33.56	25.28
20	7.24	33.56	25.28
21	7.24	33.56	25.27
22	7.23	33.56	25.28
23	7.24	33.56	25.28
24	7.23	33.56	25.28
25	7.23	33.56	25.28
26	7.24	33.56	25.28
27	7.23	33.56	25.28
28	7.24	33.56	25.28
29	7.24	33.56	25.28
30	7.23	33.56	25.28
31	7.23	33.56	25.28
32	7.23	33.57	25.28
33	7.24	33.57	25.28
34	7.24	33.57	25.28
35	7.24	33.57	25.28
36	7.24	33.57	25.28
37	7.24	33.57	25.28
38	7.24	33.57	25.28
39	7.25	33.57	25.28
40	7.25	33.57	25.28
41	7.26	33.57	25.28
42	7.26	33.57	25.28
43	7.26	33.57	25.28
44	7.26	33.57	25.28
45	7.26	33.57	25.28
46	7.27	33.58	25.28
47	7.27	33.58	25.28
48	7.28	33.58	25.28
49	7.27	33.58	25.28
50	7.28	33.58	25.29
60	7.34	33.60	25.29
70	8.60	33.85	25.46
80	10.68	34.54	25.66
90	11.44	35.06	25.81
100	12.08	35.37	26.88

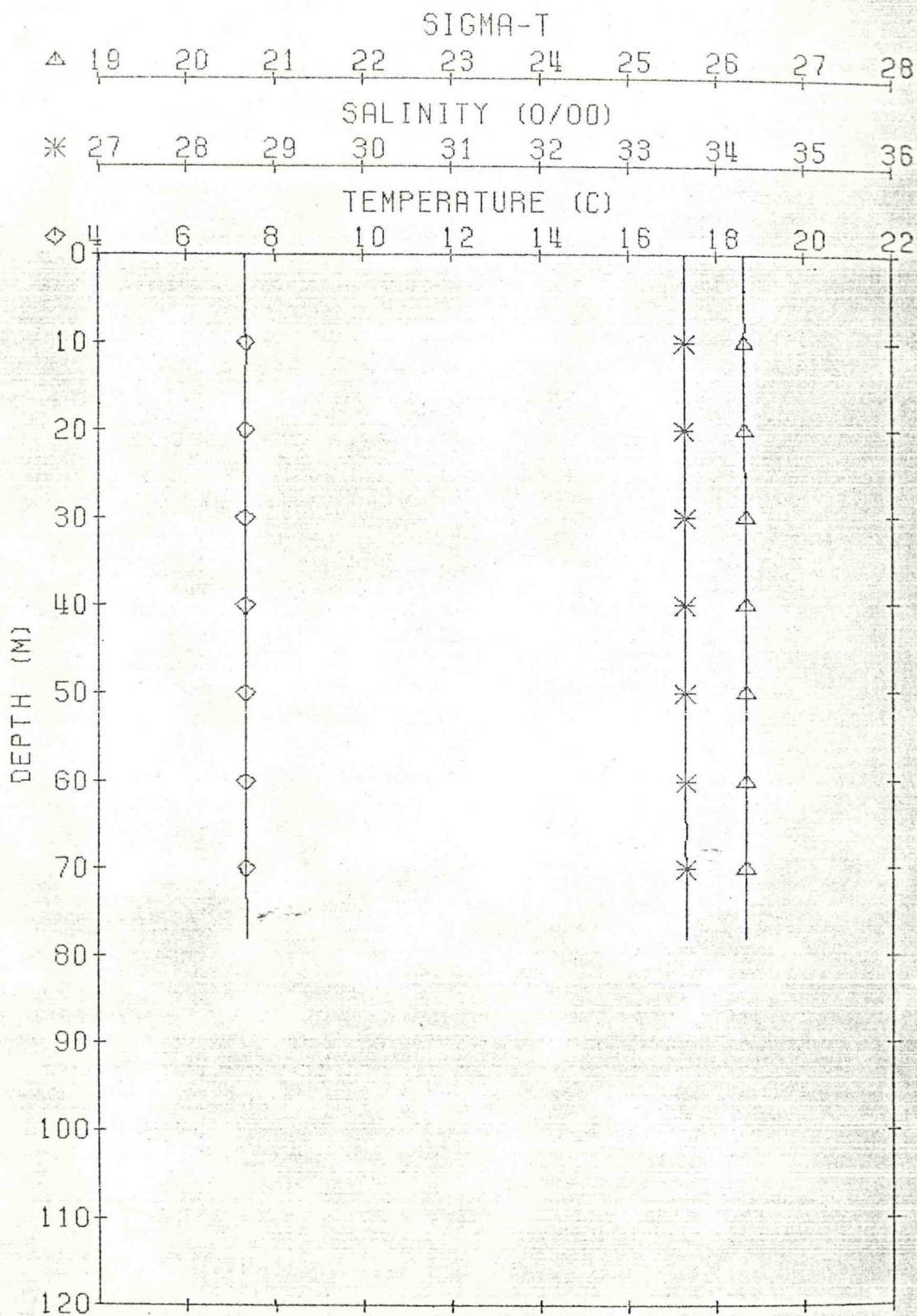
XWCC RESEARCHER CRS. 3 STA. 57 MARCH 1, 1975



RE CRS/STA 03/58 LAT 40 8.4N; LONG 71 59.5W GMT 06.2 03/01/75
 DEPTH 078 AIR D/W 07.8/06.8 BARO 06.4 VTS 7 CLD TYP/CVR X/4
 WETHR 1 WIND DIR/SPD 18/12 SEA DIR/HT 18/1 SWELL DIR/HT 17/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	7.37	33.62	26.31
1	7.37	33.62	26.31
2	7.37	33.62	26.31
3	7.37	33.62	26.31
4	7.36	33.62	26.31
5	7.36	33.63	26.31
6	7.36	33.62	26.31
7	7.36	33.62	26.31
8	7.36	33.62	26.31
9	7.36	33.63	26.31
10	7.36	33.62	26.31
11	7.36	33.63	26.31
12	7.36	33.63	26.31
13	7.36	33.63	26.31
14	7.36	33.63	26.31
15	7.36	33.63	26.31
16	7.36	33.63	26.31
17	7.35	33.63	26.31
18	7.36	33.63	26.31
19	7.36	33.63	26.31
20	7.36	33.63	26.31
21	7.36	33.63	26.31
22	7.36	33.63	26.31
23	7.36	33.63	26.31
24	7.36	33.63	26.31
25	7.36	33.63	26.31
26	7.37	33.63	26.31
27	7.37	33.63	26.31
28	7.37	33.63	26.31
29	7.37	33.63	26.31
30	7.37	33.64	26.31
31	7.37	33.63	26.31
32	7.36	33.64	26.32
33	7.37	33.64	26.32
34	7.37	33.64	26.32
35	7.37	33.64	26.32
36	7.37	33.64	26.32
37	7.37	33.64	26.32
38	7.37	33.64	26.32
39	7.37	33.64	26.32
40	7.37	33.64	26.32
41	7.37	33.64	26.32
42	7.37	33.64	26.32
43	7.37	33.64	26.32
44	7.37	33.64	26.32
45	7.37	33.64	26.32
46	7.38	33.64	26.32
47	7.38	33.64	26.32
48	7.38	33.64	26.32
49	7.38	33.64	26.32
50	7.38	33.64	26.32
60	7.38	33.64	26.32
70	7.38	33.64	26.32
77	7.39	33.65	26.32

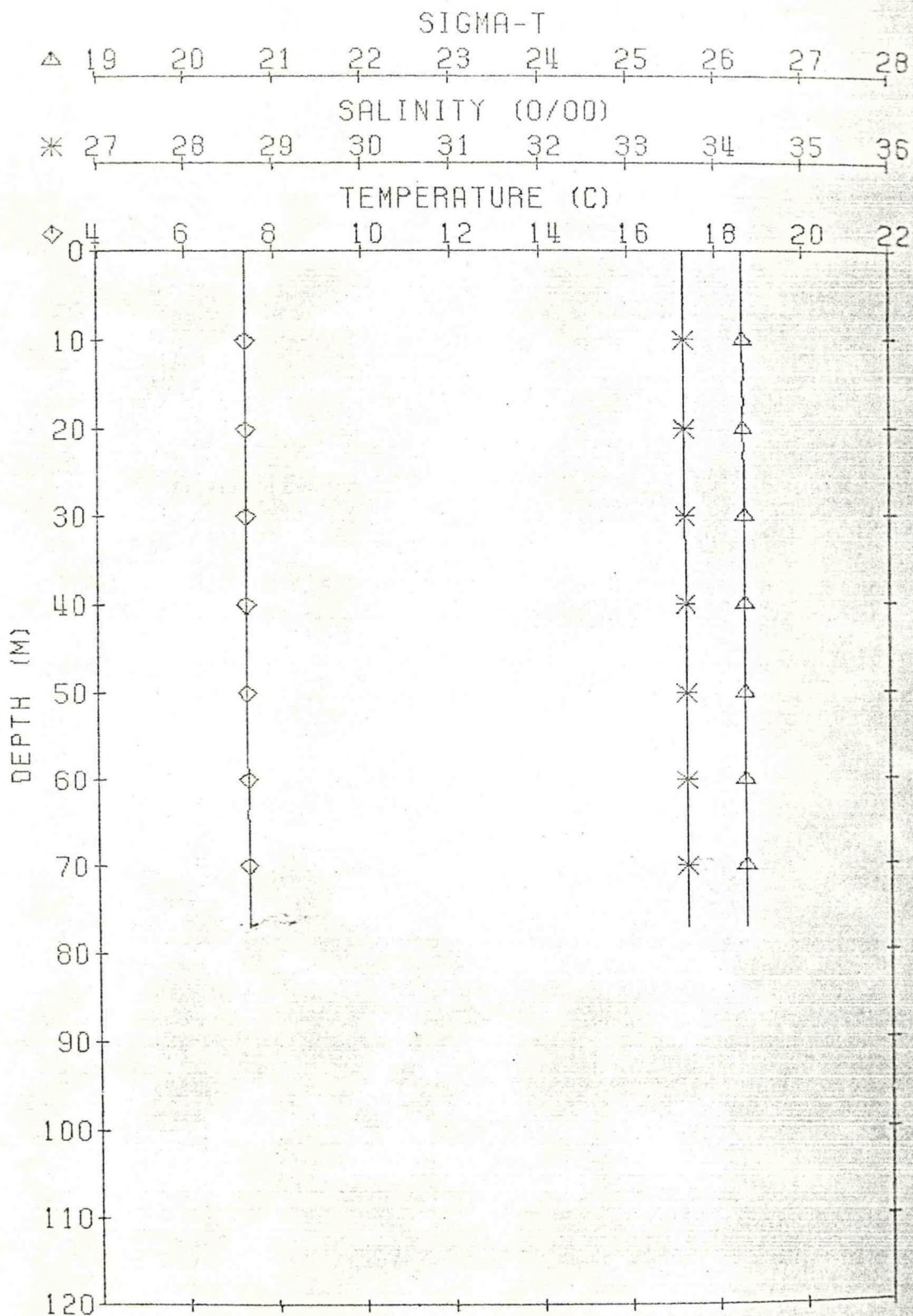
XWCC RESEARCHER CRS. 3 STA. 58 MARCH 1, 1975



RE CRS/STA 03/58 LAT 40 8.7N; LONG 71 58.6W GMT 14.2 03/01/75
 DEPTH 078 AIR D/W 07.8/05.9 BARO 02.4 VIS 7 CLD TYP/CVR X/8
 WETHR 4 WIND DIR/SPD 32/15 SEA DIR/HT 32/1 SWELL DIR/HT 21/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	7.34	33.62	26.31
1	7.34	33.62	26.31
2	7.34	33.62	26.31
3	7.34	33.62	26.31
4	7.34	33.62	26.31
5	7.34	33.62	26.31
6	7.34	33.62	26.31
7	7.34	33.62	26.31
8	7.34	33.62	26.31
9	7.34	33.62	26.31
10	7.35	33.62	26.31
11	7.35	33.62	26.31
12	7.35	33.62	26.31
13	7.34	33.62	26.31
14	7.34	33.62	26.31
15	7.34	33.62	26.31
16	7.34	33.62	26.31
17	7.34	33.62	26.31
18	7.34	33.62	26.31
19	7.34	33.62	26.31
20	7.34	33.62	26.31
21	7.34	33.62	26.31
22	7.34	33.62	26.31
23	7.34	33.62	26.31
24	7.34	33.62	26.31
25	7.33	33.62	26.31
26	7.33	33.62	26.31
27	7.33	33.63	26.31
28	7.33	33.63	26.31
29	7.33	33.63	26.31
30	7.33	33.63	26.31
31	7.33	33.63	26.31
32	7.33	33.63	26.31
33	7.33	33.63	26.31
34	7.33	33.63	26.31
35	7.33	33.63	26.31
36	7.33	33.63	26.32
37	7.33	33.63	26.32
38	7.33	33.63	26.32
39	7.33	33.63	26.32
40	7.33	33.63	26.32
41	7.33	33.63	26.32
42	7.33	33.63	26.31
43	7.33	33.63	26.31
44	7.33	33.63	26.31
45	7.32	33.63	26.32
46	7.32	33.63	26.32
47	7.32	33.63	26.32
48	7.32	33.63	26.32
49	7.32	33.63	26.32
50	7.32	33.63	26.32
60	7.34	33.64	26.32
70	7.34	33.64	26.32
78	7.35	33.64	26.32

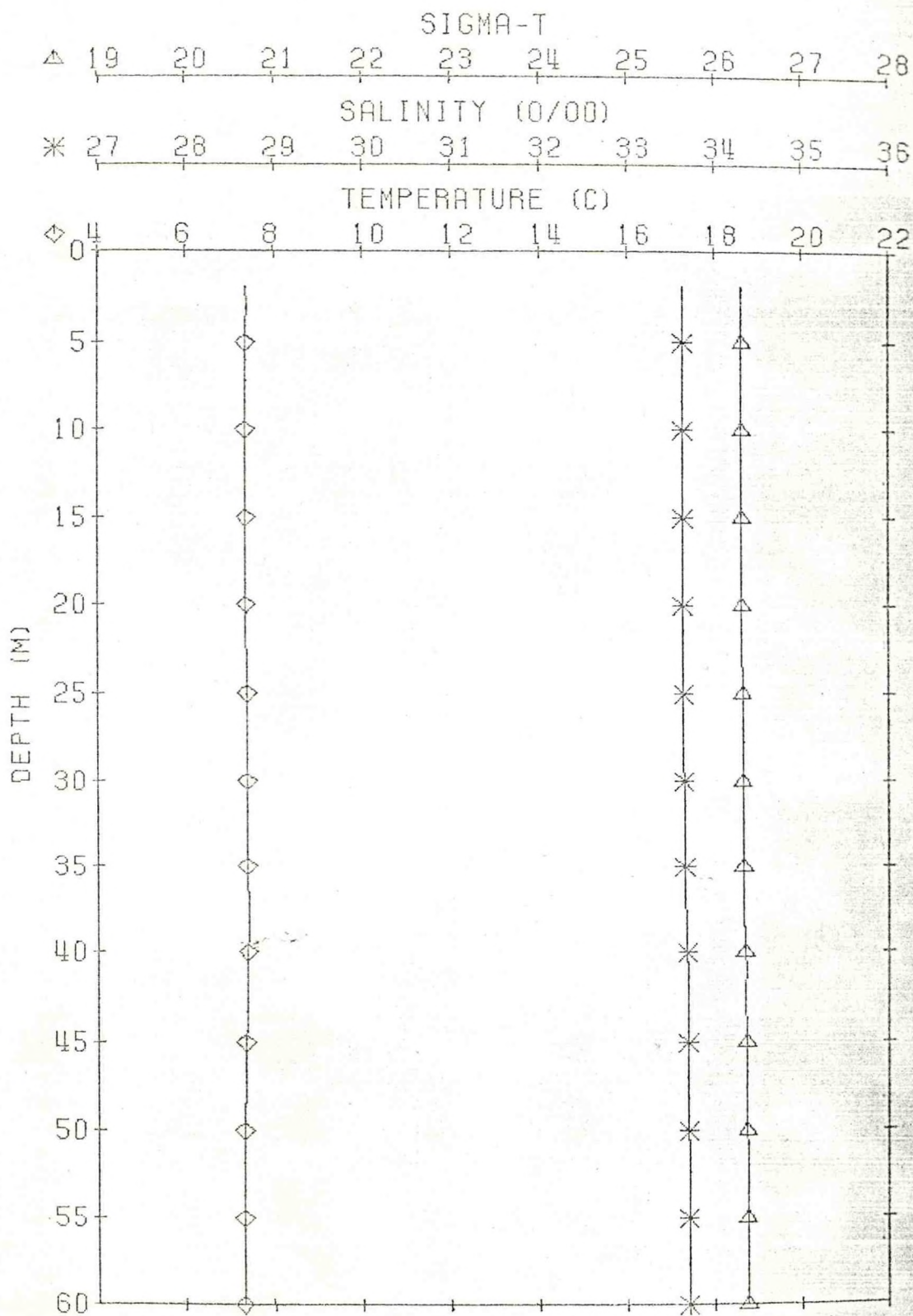
XWCC RESEARCHER CRS. 3 STA. 58 MARCH 1, 1975



RE CRS/STA 03/59 LAT 40 18.6N; LONG 72 4.5W GMT 09.0 03/01/75
 DEPTH 064 AIR D/W 08.2/06.8 BARO 04.1 VTS 8 CLD TYP/CVR X/4
 WETHR 1 WIND DIR/SPD 16/10 SEA DIR/HT 16/1 SWELL DIR/HT 17/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	7.37	33.63	26.31
3	7.39	33.62	26.30
4	7.36	33.62	26.31
5	7.36	33.62	26.31
6	7.36	33.62	26.31
7	7.36	33.62	26.31
8	7.36	33.62	26.31
9	7.36	33.62	26.31
10	7.37	33.62	26.31
11	7.37	33.62	26.31
12	7.37	33.62	26.31
13	7.37	33.62	26.31
14	7.38	33.63	26.31
15	7.38	33.63	26.31
16	7.38	33.63	26.31
17	7.38	33.63	26.31
18	7.37	33.63	26.31
19	7.37	33.63	26.31
20	7.38	33.63	26.31
21	7.37	33.63	26.31
22	7.37	33.63	26.31
23	7.39	33.63	26.31
24	7.39	33.63	26.31
25	7.39	33.63	26.31
26	7.39	33.64	26.31
27	7.39	33.64	26.31
28	7.39	33.64	26.31
29	7.40	33.63	26.31
30	7.40	33.64	26.31
31	7.40	33.64	26.31
32	7.40	33.64	26.31
33	7.40	33.64	26.31
34	7.41	33.64	26.31
35	7.41	33.64	26.31
36	7.41	33.64	26.31
37	7.42	33.65	26.32
38	7.42	33.66	26.33
39	7.42	33.66	26.33
40	7.41	33.67	26.34
41	7.40	33.68	26.35
42	7.40	33.68	26.34
43	7.39	33.68	26.35
44	7.38	33.68	26.35
45	7.37	33.68	26.35
46	7.36	33.68	26.35
47	7.36	33.68	26.35
48	7.35	33.69	26.36
49	7.34	33.69	26.36
50	7.33	33.69	26.36
60	7.31	33.69	26.37

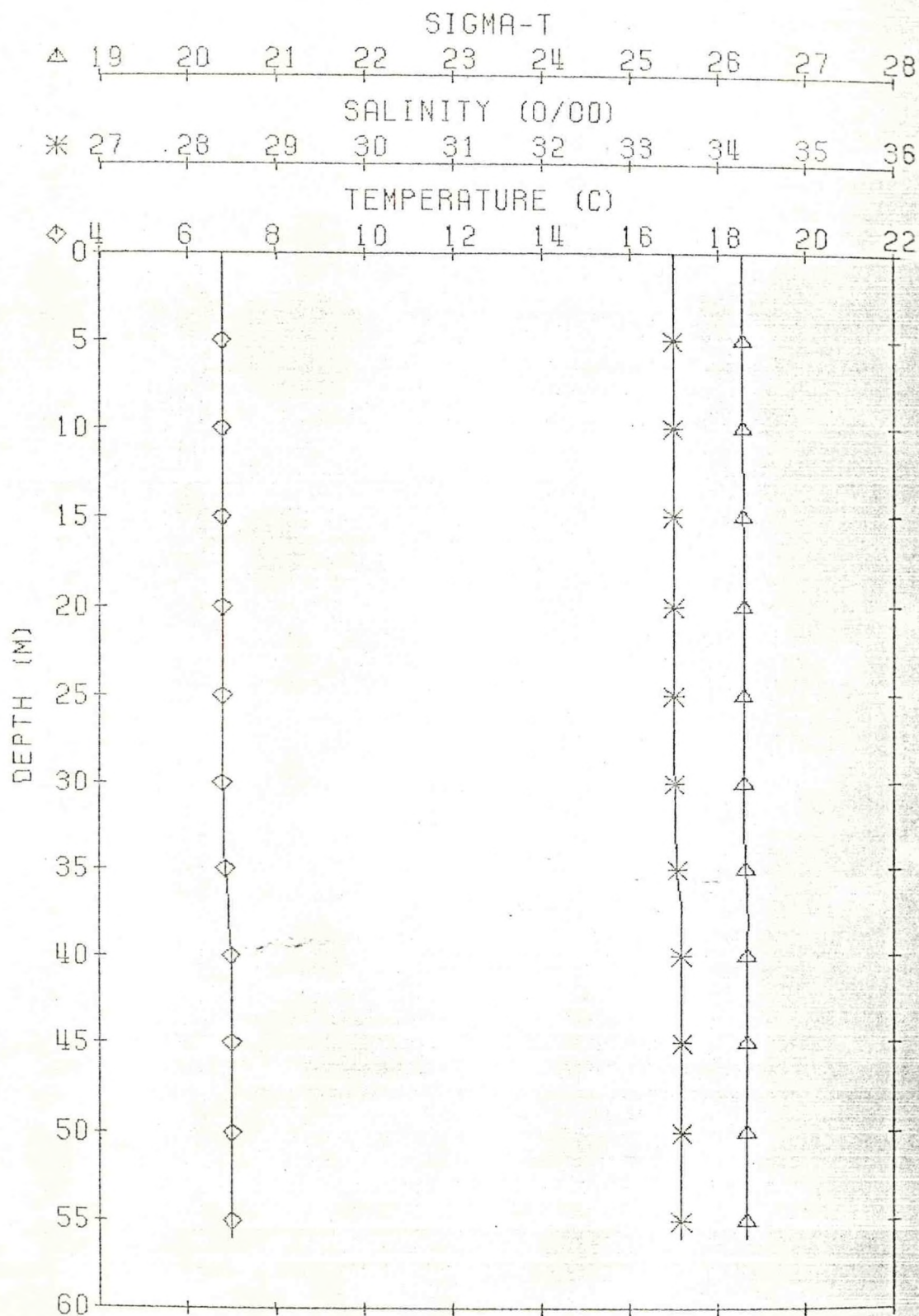
XWCC RESEARCHER CRS. 3 STA. 59 MARCH 1, 1975



RE CRS/STA 03/60 LAT 40 26.5N; LONG 72 9.1W GMT 16.6 03/01/75
 DEPTH 061 AIR D/W 05.2/04.5 BARO 01.0 VIS 7 CLD TYP/CVR X/R
 WETHR 2 WIND DIR/SPD 29/14 SEA DIR/HT 29/2 SWELL DIR/HT 29/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	6.78	33.48	26.27
1	6.78	33.48	26.27
2	6.78	33.48	26.27
3	6.77	33.47	26.27
4	6.77	33.47	26.27
5	6.77	33.48	26.27
6	6.78	33.48	26.27
7	6.78	33.48	26.27
8	6.78	33.47	26.27
9	6.77	33.47	26.27
10	6.77	33.47	26.27
11	6.77	33.48	26.27
12	6.77	33.48	26.27
13	6.77	33.48	26.27
14	6.77	33.48	26.27
15	6.77	33.48	26.27
16	6.77	33.48	26.27
17	6.77	33.48	26.27
18	6.77	33.48	26.27
19	6.77	33.48	26.28
20	6.77	33.48	26.27
21	6.77	33.48	26.28
22	6.77	33.48	26.28
23	6.77	33.48	26.28
24	6.78	33.48	26.28
25	6.78	33.48	26.28
26	6.78	33.48	26.28
27	6.78	33.48	26.28
28	6.78	33.49	26.28
29	6.78	33.49	26.28
30	6.79	33.49	26.28
31	6.80	33.50	26.28
32	6.81	33.50	26.29
33	6.82	33.51	26.29
34	6.83	33.52	26.30
35	6.84	33.53	26.30
36	6.88	33.54	26.31
37	6.91	33.57	26.33
38	6.94	33.58	26.33
39	6.96	33.57	26.33
40	6.98	33.57	26.33
41	6.99	33.58	26.33
42	7.00	33.58	26.33
43	7.00	33.57	26.33
44	7.01	33.58	26.33
45	7.01	33.58	26.33
46	7.01	33.58	26.33
47	7.01	33.58	26.33
48	7.01	33.58	26.33
49	7.01	33.58	26.33
50	7.01	33.58	26.33
56	7.01	33.58	26.33

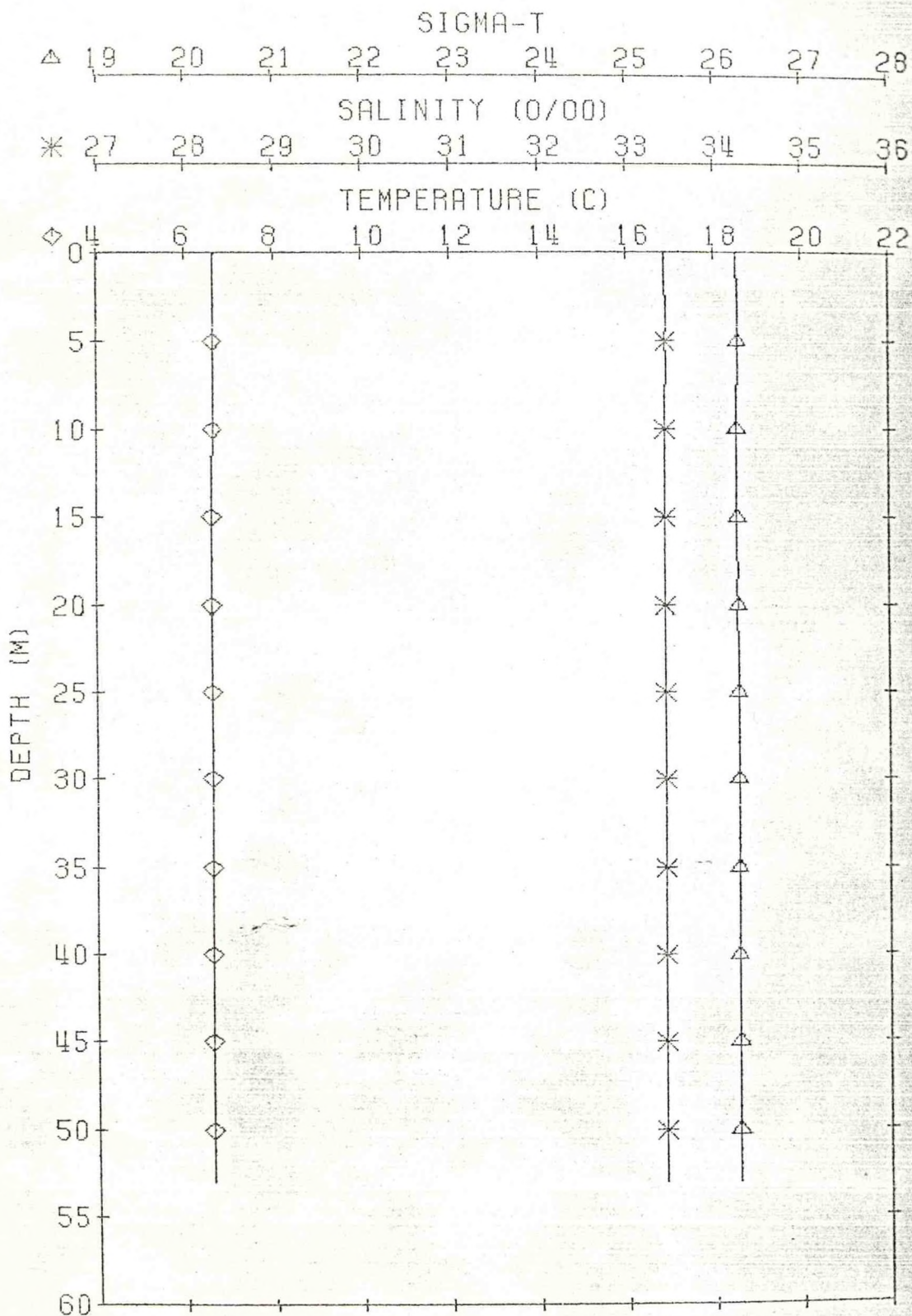
XWCC RESEARCHER CRS. 3 STA. 60 MARCH 1, 1975



RE CRS/STA 03/61 LAT 40.32.6N; LONG 72 12.3W GMT 18.0 03/01/75
 DEPTH 054 AIR D/W 05.0/02.8 BARO 99.7 VTS 7 CLD TYP/CVR X/R
 WETHR 2 WIND DIR/SPD 30/16 SEA DIR/HT 30/2 SWELL DIR/HT 30/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	6.62	33.42	22.55
1	6.63	33.43	22.55
2	6.63	33.43	22.56
3	6.63	33.44	22.56
4	6.63	33.44	22.57
5	6.63	33.43	22.56
6	6.62	33.44	22.56
7	6.62	33.44	22.56
8	6.62	33.43	22.55
9	6.62	33.42	22.55
10	6.62	33.42	22.55
11	6.62	33.42	22.55
12	6.61	33.42	22.55
13	6.61	33.42	22.55
14	6.61	33.42	22.55
15	6.61	33.42	22.55
16	6.61	33.42	22.55
17	6.60	33.43	22.55
18	6.60	33.43	22.55
19	6.60	33.42	22.55
20	6.60	33.43	22.55
21	6.60	33.42	22.55
22	6.59	33.43	22.55
23	6.60	33.43	22.56
24	6.60	33.43	22.56
25	6.60	33.43	22.56
26	6.60	33.43	22.56
27	6.60	33.43	22.56
28	6.60	33.43	22.56
29	6.60	33.43	22.56
30	6.60	33.43	22.56
31	6.60	33.43	22.56
32	6.60	33.43	22.56
33	6.60	33.43	22.56
34	6.60	33.43	22.56
35	6.60	33.43	22.56
36	6.60	33.43	22.56
37	6.59	33.43	22.56
38	6.60	33.43	22.56
39	6.60	33.43	22.56
40	6.60	33.43	22.56
41	6.59	33.43	22.56
42	6.59	33.43	22.56
43	6.59	33.43	22.56
44	6.59	33.43	22.56
45	6.59	33.43	22.56
46	6.60	33.43	22.56
47	6.60	33.43	22.56
48	6.60	33.43	22.56
49	6.60	33.43	22.56
50	6.60	33.43	22.56
53	6.60	33.43	22.56

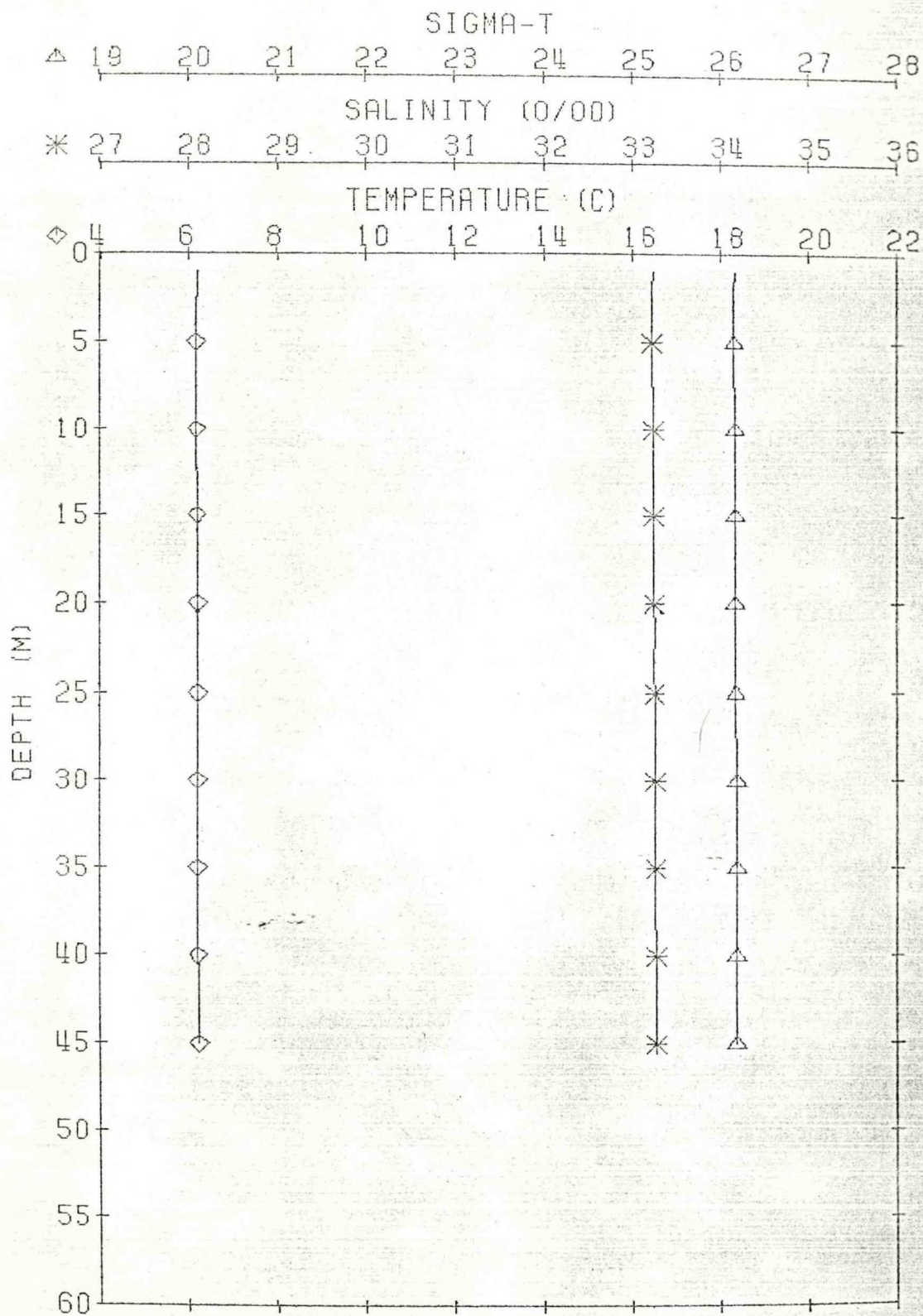
XWCC RESEARCHER CRS. 3 STA. 61 MARCH 1, 1975



RE CRS/STA 03/62 LAT 40 40.1N; LONG 72 15.7W GMT 19.8 03/01/75
DEPTH 048 AIR D/W 06.2/03.5 BARO 00.3 VIS 7 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 32/12 SEA DIR/HT 32/1 SWELL DIR/HT 32/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	6.19	33.22	26.15
2	6.18	33.22	26.15
3	6.18	33.22	26.14
4	6.18	33.22	26.14
5	6.17	33.21	26.14
6	6.17	33.21	26.14
7	6.16	33.21	26.14
8	6.17	33.22	26.15
9	6.17	33.22	26.15
10	6.17	33.22	26.15
11	6.18	33.22	26.15
12	6.18	33.23	26.15
13	6.18	33.23	26.15
14	6.19	33.23	26.15
15	6.18	33.23	26.15
16	6.18	33.23	26.15
17	6.19	33.23	26.16
18	6.19	33.23	26.16
19	6.19	33.23	26.16
20	6.19	33.23	26.16
21	6.19	33.24	26.16
22	6.20	33.24	26.16
23	6.19	33.23	26.15
24	6.20	33.24	26.16
25	6.19	33.24	26.16
26	6.20	33.24	26.16
27	6.20	33.24	26.16
28	6.20	33.25	26.17
29	6.20	33.25	26.17
30	6.20	33.25	26.17
31	6.20	33.25	26.17
32	6.21	33.25	26.17
33	6.20	33.25	26.17
34	6.21	33.25	26.17
35	6.21	33.25	26.17
36	6.21	33.25	26.17
37	6.20	33.25	26.17
38	6.21	33.25	26.17
39	6.21	33.26	26.17
40	6.22	33.26	26.17
41	6.22	33.26	26.17
42	6.22	33.27	26.18
43	6.23	33.26	26.18
44	6.23	33.26	26.17
45	6.24	33.26	26.17

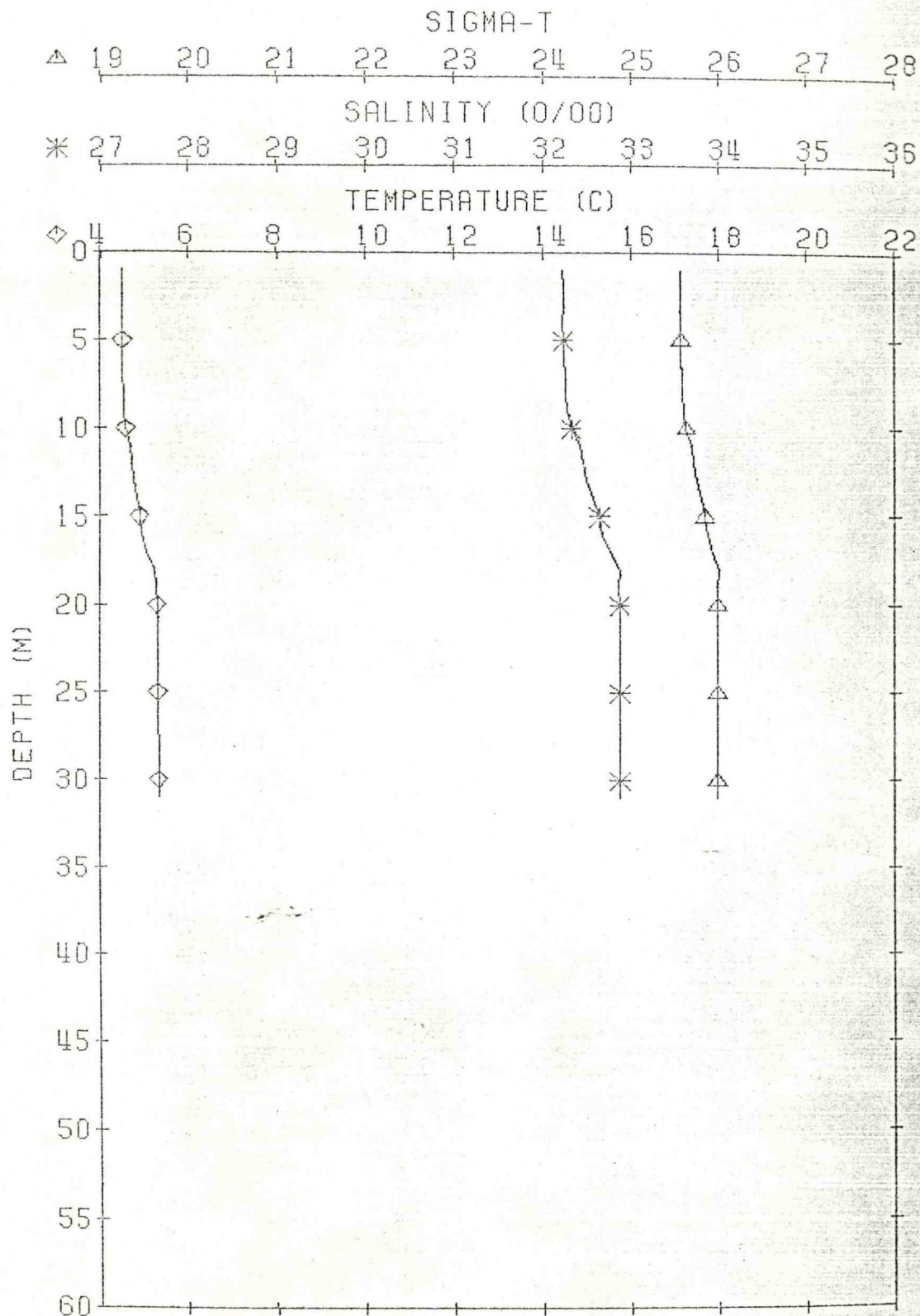
XWCC RESEARCHER CRS. 3 STA. 62 MARCH 1, 1975



RE CRS/STA 03/63 LAT 40 46.7N; LONG 72 21.1W GMT 21.2 03/01/75
DEPTH 034 AIR D/W 05.8/03.0 BARO 00.7 VIS 7 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 32/08 SEA DIR/HT 32/1 SWELL DIR/HT 32/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	4.48	32.22	25.55
2	4.49	32.22	25.55
3	4.50	32.22	25.55
4	4.48	32.22	25.55
5	4.48	32.22	25.55
6	4.49	32.23	25.56
7	4.51	32.25	25.57
8	4.52	32.25	25.57
9	4.53	32.27	25.59
10	4.56	32.31	25.62
11	4.67	32.42	25.69
12	4.72	32.45	25.71
13	4.75	32.49	25.73
14	4.81	32.55	25.78
15	4.88	32.62	25.83
16	4.94	32.67	25.86
17	5.05	32.76	25.92
18	5.23	32.87	25.98
19	5.26	32.85	25.97
20	5.28	32.86	25.97
21	5.28	32.86	25.97
22	5.28	32.86	25.97
23	5.29	32.86	25.97
24	5.29	32.86	25.97
25	5.30	32.86	25.97
26	5.30	32.87	25.97
27	5.31	32.87	25.98
28	5.31	32.87	25.97
29	5.31	32.87	25.97
30	5.31	32.87	25.97
31	5.31	32.87	25.97

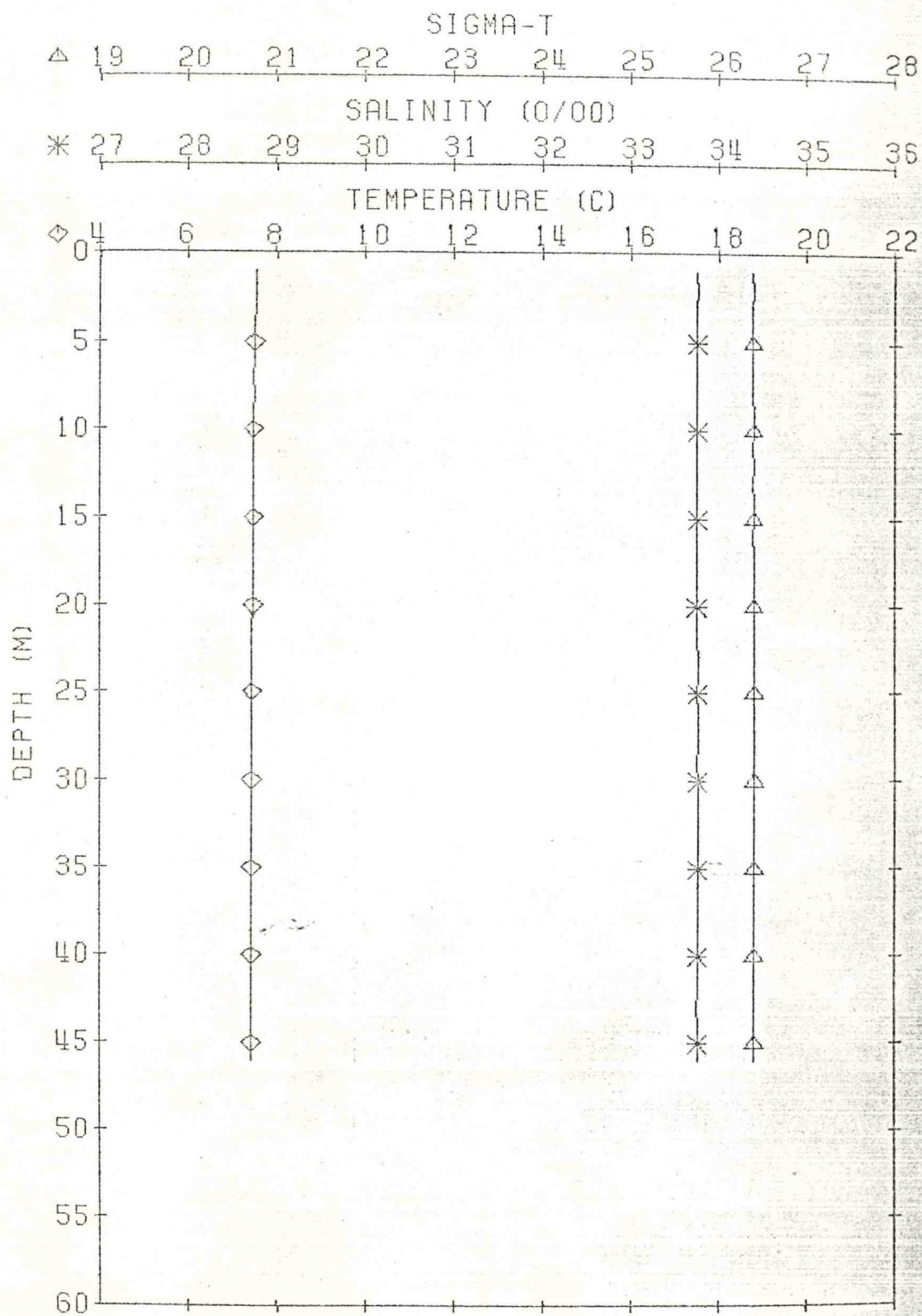
XWCC RESEARCHER CRS. 3 STA. 63 MARCH 1, 1975



RE CRS/STA 03/64 LAT 40 12.6N; LONG 72 20.0W GMT 22.7 02/28/75
DEPTH 051 AIR D/W 08.0/04.5 BARO 11.2 VIS 7 CLD TYP/CVR X/8
WETHR 2 WIND DIR/SPD 19/14 SEA DIR/HT 19/1 SWELL DIR/HT 17/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	7.54	33.74	26.38
2	7.55	33.75	26.38
3	7.54	33.74	26.37
4	7.50	33.73	26.37
5	7.51	33.74	26.38
6	7.49	33.74	26.38
7	7.49	33.74	26.38
8	7.50	33.74	26.38
9	7.49	33.74	26.38
10	7.49	33.74	26.38
11	7.49	33.74	26.38
12	7.49	33.74	26.38
13	7.48	33.73	26.38
14	7.48	33.74	26.38
15	7.48	33.74	26.38
16	7.48	33.74	26.38
17	7.47	33.74	26.38
18	7.47	33.74	26.38
19	7.47	33.74	26.38
20	7.46	33.74	26.38
21	7.45	33.74	26.39
22	7.45	33.74	26.39
23	7.44	33.75	26.39
24	7.45	33.75	26.39
25	7.45	33.74	26.39
26	7.45	33.75	26.39
27	7.45	33.75	26.39
28	7.44	33.75	26.39
29	7.45	33.74	26.39
30	7.44	33.75	26.39
31	7.45	33.75	26.39
32	7.44	33.75	26.39
33	7.45	33.75	26.39
34	7.45	33.75	26.39
35	7.44	33.75	26.39
36	7.44	33.75	26.39
37	7.44	33.75	26.39
38	7.44	33.75	26.39
39	7.44	33.75	26.39
40	7.44	33.75	26.39
41	7.44	33.75	26.39
42	7.45	33.75	26.39
43	7.45	33.74	26.39
44	7.45	33.75	26.39
45	7.44	33.75	26.39
46	7.44	33.75	26.39

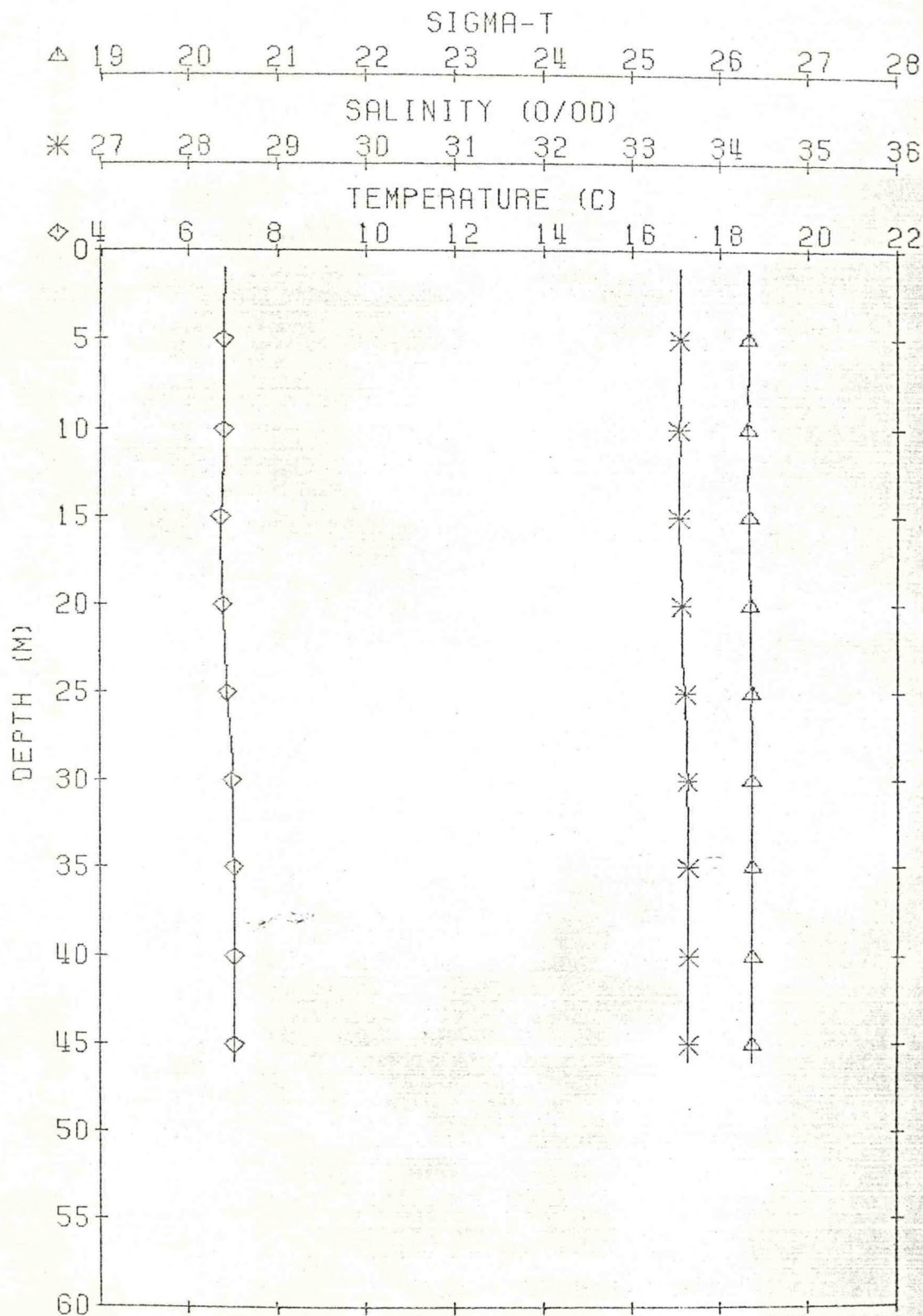
XWCC RESEARCHER CRS. 3 STA. 64 FEB. 28, 1975



RE CRS/STA 03/65 LAT 40 21.1N; LONG 72 27.5W GMT 20.9 02/28/75
DEPTH 051 AIR D/W 06.2/02.8 BARO 12.2 VIS 7 CLD TYP/CVR X/8
WETHR 2 WIND DIR/SPD 22/12 SEA DIR/HT 22/1 SWELL DIR/HT 17/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	6.83	33.53	26.31
2	6.82	33.53	26.31
3	6.78	33.53	26.31
4	6.78	33.53	26.31
5	6.79	33.53	26.31
6	6.79	33.53	26.31
7	6.80	33.53	26.31
8	6.80	33.52	26.30
9	6.79	33.53	26.31
10	6.79	33.52	26.31
11	6.78	33.53	26.32
12	6.77	33.53	26.31
13	6.75	33.52	26.31
14	6.75	33.53	26.32
15	6.71	33.52	26.32
16	6.71	33.52	26.32
17	6.71	33.53	26.32
18	6.74	33.54	26.32
19	6.74	33.55	26.33
20	6.77	33.55	26.33
21	6.79	33.55	26.33
22	6.81	33.56	26.33
23	6.81	33.56	26.33
24	6.85	33.58	26.34
25	6.87	33.59	26.35
26	6.90	33.59	26.34
27	6.92	33.60	26.35
28	6.95	33.61	26.35
29	6.99	33.62	26.35
30	6.97	33.62	26.36
31	7.00	33.62	26.35
32	7.00	33.62	26.36
33	7.00	33.62	26.36
34	7.02	33.63	26.36
35	7.02	33.63	26.36
36	7.02	33.63	26.36
37	7.03	33.63	26.36
38	7.03	33.63	26.36
39	7.03	33.63	26.36
40	7.03	33.63	26.36
41	7.03	33.64	26.36
42	7.03	33.63	26.36
43	7.04	33.63	26.36
44	7.04	33.63	26.36
45	7.04	33.63	26.36
46	7.04	33.64	26.36

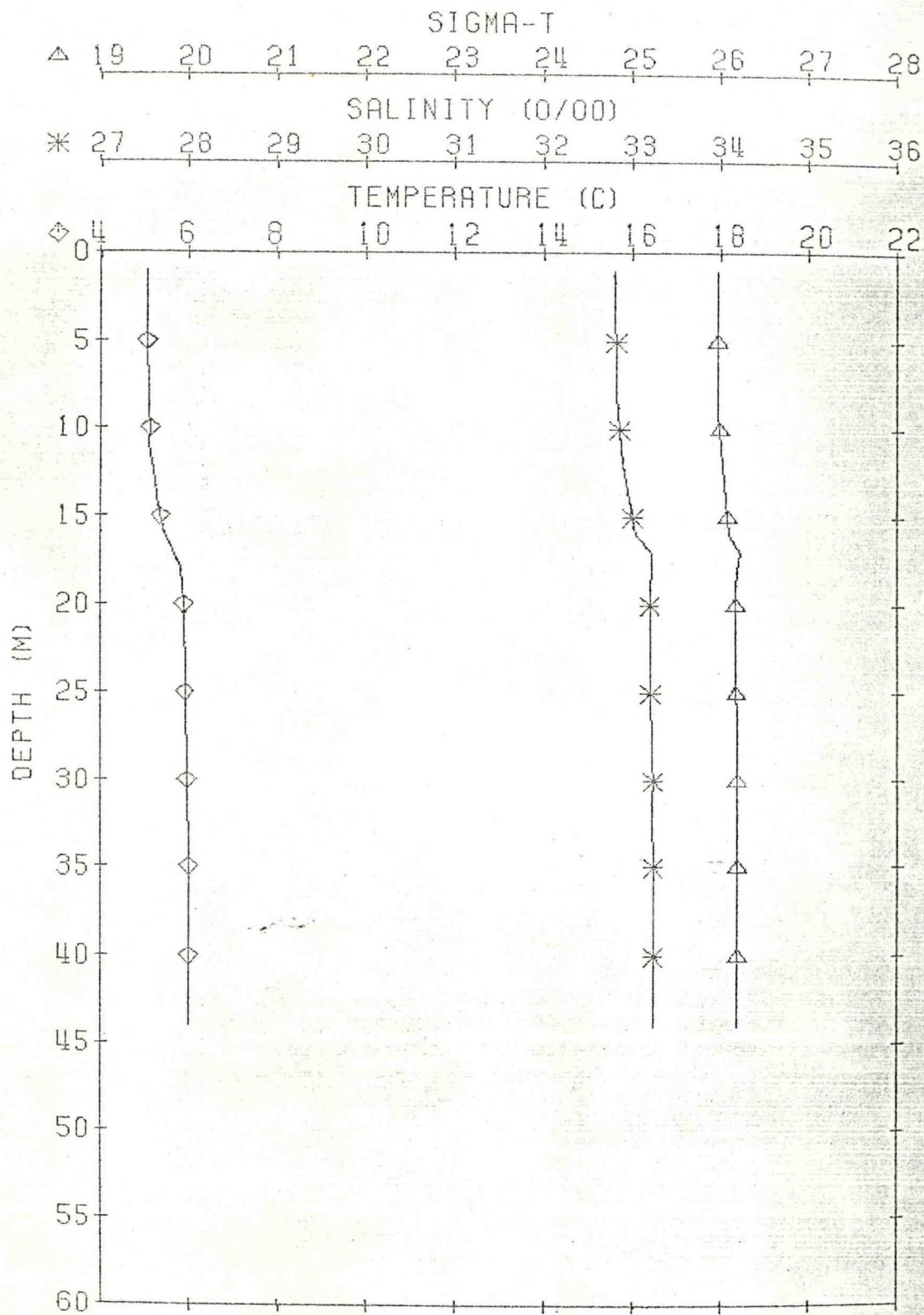
XWCC RESEARCHER CRS. 3 STA. 65 FEB. 28, 1975



RE CRS/STA 03/66 LAT 40 29.8N; LONG 72 34.0W GMT 00.6 03/02/75
DEPTH 045 AIR D/W 05.2/01.5 BARO 03.7 VTS 7 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 32/15 SEA DIR/HT 32/2 SWELL DIR/HT 32/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.03	32.80	25.95
2	5.03	32.80	25.95
3	5.03	32.80	25.95
4	5.03	32.80	25.95
5	5.05	32.80	25.95
6	5.05	32.80	25.95
7	5.06	32.82	25.96
8	5.07	32.82	25.96
9	5.08	32.82	25.96
10	5.10	32.84	25.98
11	5.09	32.87	26.00
12	5.14	32.89	26.01
13	5.21	32.91	26.02
14	5.27	32.96	26.05
15	5.34	32.99	26.07
16	5.42	33.02	26.08
17	5.62	33.21	26.20
18	5.81	33.20	26.18
19	5.85	33.19	26.16
20	5.87	33.18	26.16
21	5.88	33.18	26.16
22	5.89	33.19	26.16
23	5.90	33.19	26.16
24	5.90	33.19	26.16
25	5.90	33.19	26.16
26	5.91	33.20	26.16
27	5.92	33.20	26.17
28	5.94	33.21	26.17
29	5.94	33.21	26.17
30	5.95	33.22	26.18
31	5.96	33.21	26.17
32	5.96	33.21	26.17
33	5.97	33.22	26.17
34	5.98	33.22	26.17
35	5.98	33.22	26.17
36	5.98	33.22	26.17
37	5.98	33.22	26.17
38	5.98	33.22	26.17
39	5.98	33.22	26.17
40	5.98	33.22	26.17
41	5.98	33.22	26.17
42	5.99	33.22	26.17
43	5.99	33.22	26.17
44	5.99	33.22	26.17

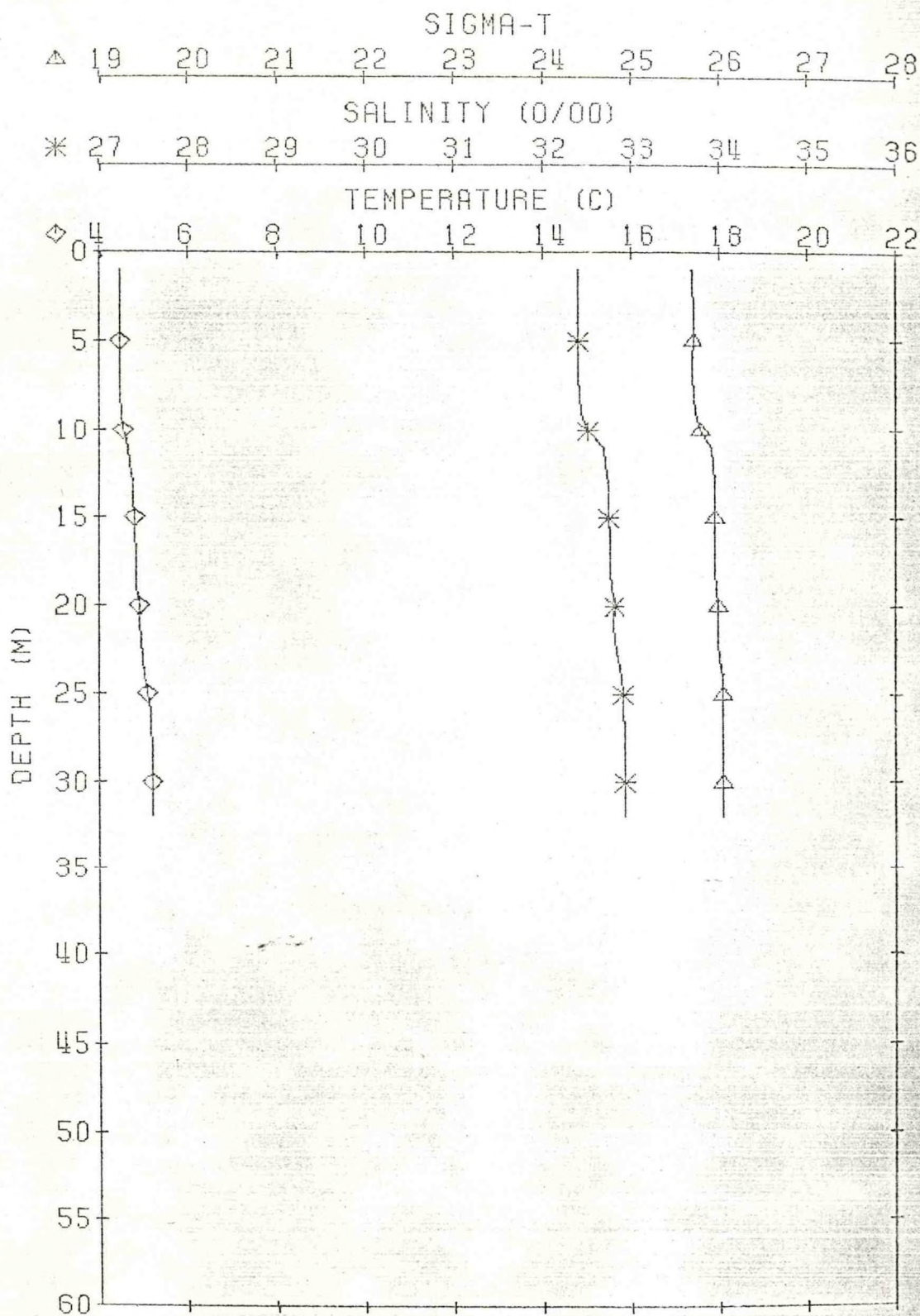
XWCC RESEARCHER CRS. 3 STA. 66 MARCH 2, 1975



RE CRS/STA 03/67 LAT 40 38.2N; LONG 72 39.5W GMT 23.1 03/01/75
DEPTH 036 AIR D/W 05.0/01.0 BARO 01.0 VTS 7 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 30/18 SEA DIR/HT 30/2 SWELL DIR/HT 32/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	4.46	32.39	25.69
2	4.46	32.39	25.69
3	4.46	32.39	25.69
4	4.46	32.39	25.69
5	4.46	32.40	25.69
6	4.47	32.39	25.69
7	4.46	32.39	25.69
8	4.47	32.41	25.70
9	4.49	32.43	25.72
10	4.52	32.50	25.77
11	4.62	32.68	25.91
12	4.67	32.71	25.92
13	4.73	32.74	25.93
14	4.76	32.74	25.93
15	4.78	32.74	25.93
16	4.80	32.75	25.94
17	4.80	32.75	25.94
18	4.82	32.76	25.95
19	4.83	32.77	25.95
20	4.88	32.80	25.97
21	4.89	32.80	25.97
22	4.91	32.81	25.98
23	4.95	32.85	26.00
24	5.01	32.89	26.03
25	5.08	32.90	26.02
26	5.13	32.91	26.03
27	5.16	32.91	26.03
28	5.17	32.92	26.03
29	5.18	32.92	26.03
30	5.18	32.92	26.03
31	5.18	32.92	26.03
32	5.18	32.92	26.03

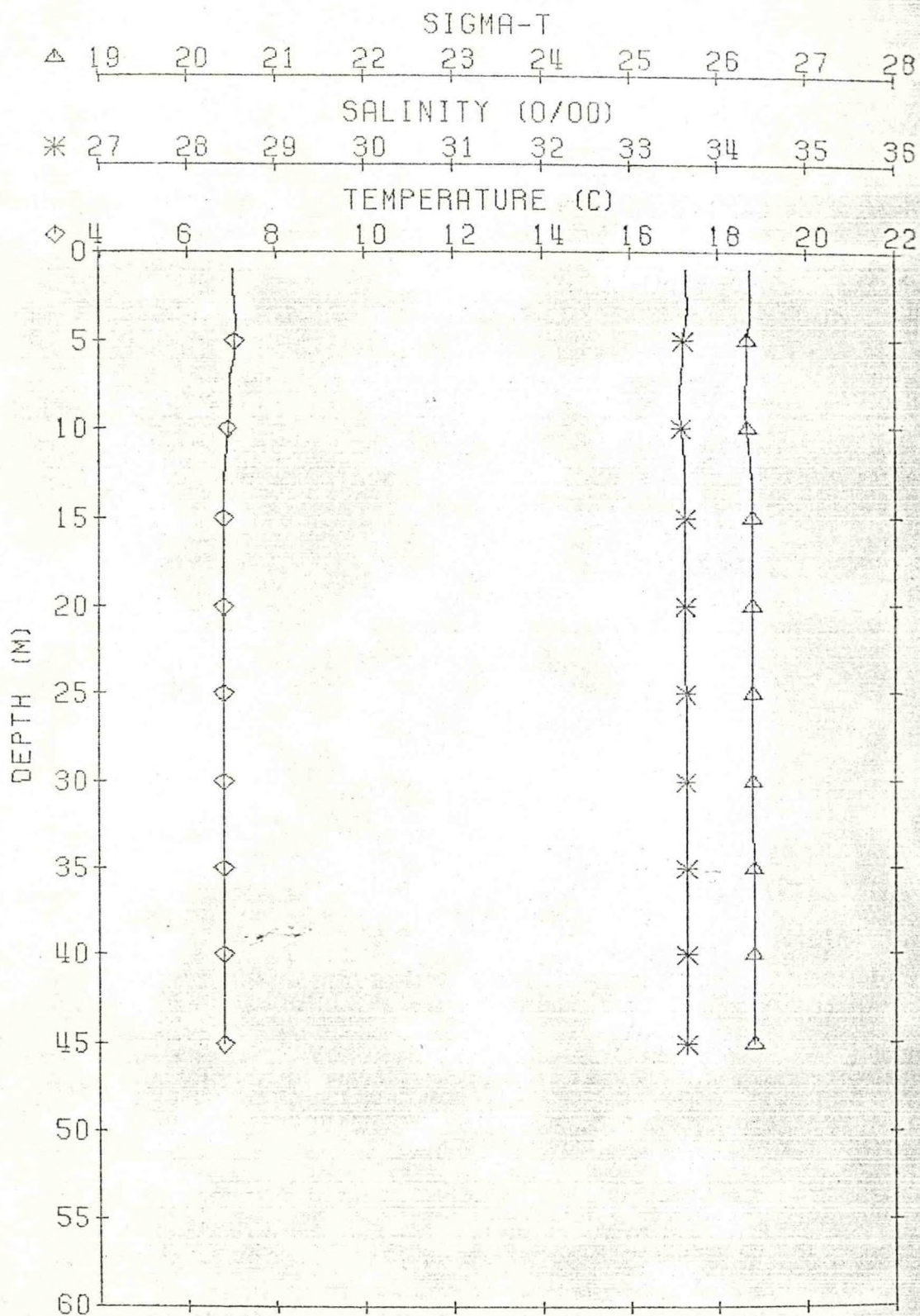
XWCC RESEARCHER CRS. 3 STA. 67 MARCH 1, 1975



RE CRS/STA 03/68 LAT 40 19.0N; LONG 72 46.4W GMT 18.8 02/28/75
DEPTH 049 AIR D/W 05.9/02.8 BARO 13.9 VIS 7 CLD TYP/CVR X/8
WETHR 2 WIND DIR/SPD 18/06 SEA DIR/HT 18/1 SWELL DIR/HT 17/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	7.05	33.63	26.36
2	7.05	33.64	26.36
3	7.09	33.64	26.36
4	7.09	33.63	26.35
5	7.08	33.59	26.32
6	7.06	33.58	26.32
7	6.96	33.57	26.32
8	6.95	33.55	26.30
9	6.95	33.55	26.31
10	6.91	33.57	26.32
11	6.87	33.58	26.34
12	6.84	33.60	26.36
13	6.82	33.61	26.37
14	6.82	33.61	26.37
15	6.82	33.62	26.38
16	6.81	33.62	26.38
17	6.81	33.62	26.38
18	6.81	33.62	26.38
19	6.81	33.62	26.38
20	6.81	33.62	26.38
21	6.81	33.62	26.38
22	6.81	33.62	26.38
23	6.81	33.61	26.38
24	6.81	33.61	26.37
25	6.81	33.62	26.38
26	6.81	33.62	26.38
27	6.81	33.62	26.38
28	6.80	33.62	26.38
29	6.81	33.62	26.38
30	6.81	33.62	26.38
31	6.81	33.62	26.38
32	6.81	33.62	26.38
33	6.81	33.62	26.38
34	6.81	33.62	26.38
35	6.81	33.63	26.38
36	6.81	33.62	26.38
37	6.81	33.63	26.38
38	6.81	33.63	26.39
39	6.82	33.63	26.38
40	6.82	33.63	26.38
41	6.82	33.62	26.38
42	6.82	33.63	26.38
43	6.82	33.63	26.39
44	6.82	33.63	26.39
45	6.83	33.63	26.39

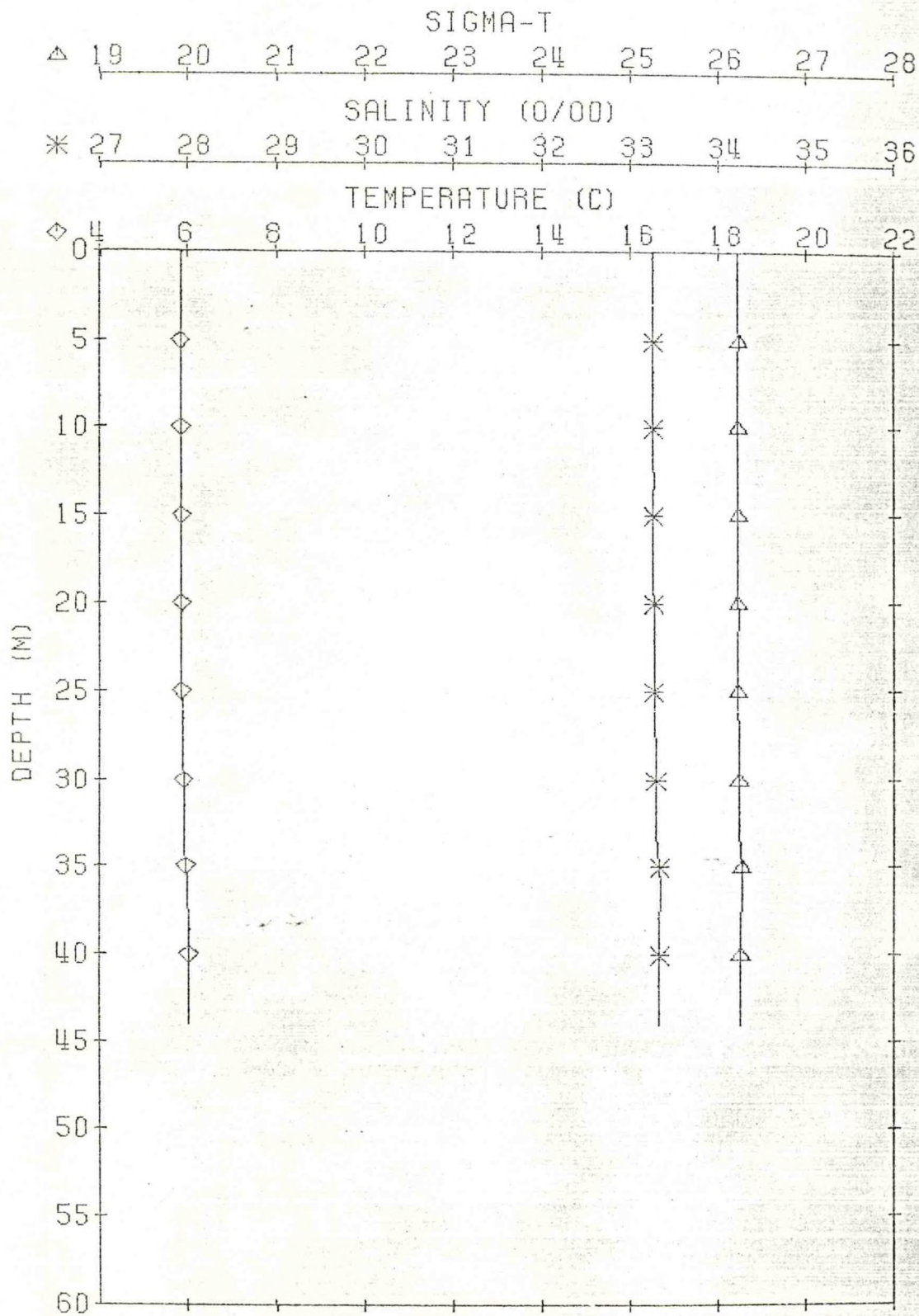
XWCC RESEARCHER CRS. 3 STA. 68 FEB. 28, 1975



RE CRS/STA 03/69 LAT 40 25.2N; LONG 72 55.0W GMT 02.5 03/02/75
DEPTH 045 AIR D/W 03.0/00.0 BARO 03.7 VIS 7 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 31/14 SEA DIR/HT 31/2 SWELL DIR/HT 32/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	5.83	33.25	26.21
1	5.83	33.25	26.21
2	5.84	33.25	26.21
3	5.84	33.24	26.21
4	5.83	33.25	26.21
5	5.82	33.25	26.22
6	5.83	33.25	26.21
7	5.83	33.25	26.21
8	5.83	33.25	26.21
9	5.83	33.25	26.22
10	5.83	33.25	26.22
11	5.84	33.25	26.22
12	5.84	33.25	26.22
13	5.84	33.25	26.22
14	5.85	33.25	26.21
15	5.85	33.25	26.21
16	5.84	33.25	26.22
17	5.85	33.25	26.21
18	5.84	33.25	26.22
19	5.85	33.25	26.22
20	5.85	33.26	26.22
21	5.85	33.26	26.22
22	5.85	33.25	26.22
23	5.85	33.26	26.22
24	5.85	33.26	26.22
25	5.85	33.26	26.22
26	5.86	33.26	26.22
27	5.86	33.26	26.22
28	5.87	33.28	26.23
29	5.89	33.28	26.23
30	5.90	33.28	26.23
31	5.90	33.28	26.23
32	5.90	33.29	26.24
33	5.91	33.28	26.23
34	5.92	33.30	26.24
35	5.95	33.32	26.26
36	5.98	33.33	26.26
37	6.00	33.33	26.26
38	6.01	33.32	26.25
39	6.01	33.32	26.25
40	6.01	33.32	26.25
41	6.02	33.32	26.24
42	6.02	33.32	26.24
43	6.02	33.32	26.24
44	6.02	33.32	26.25

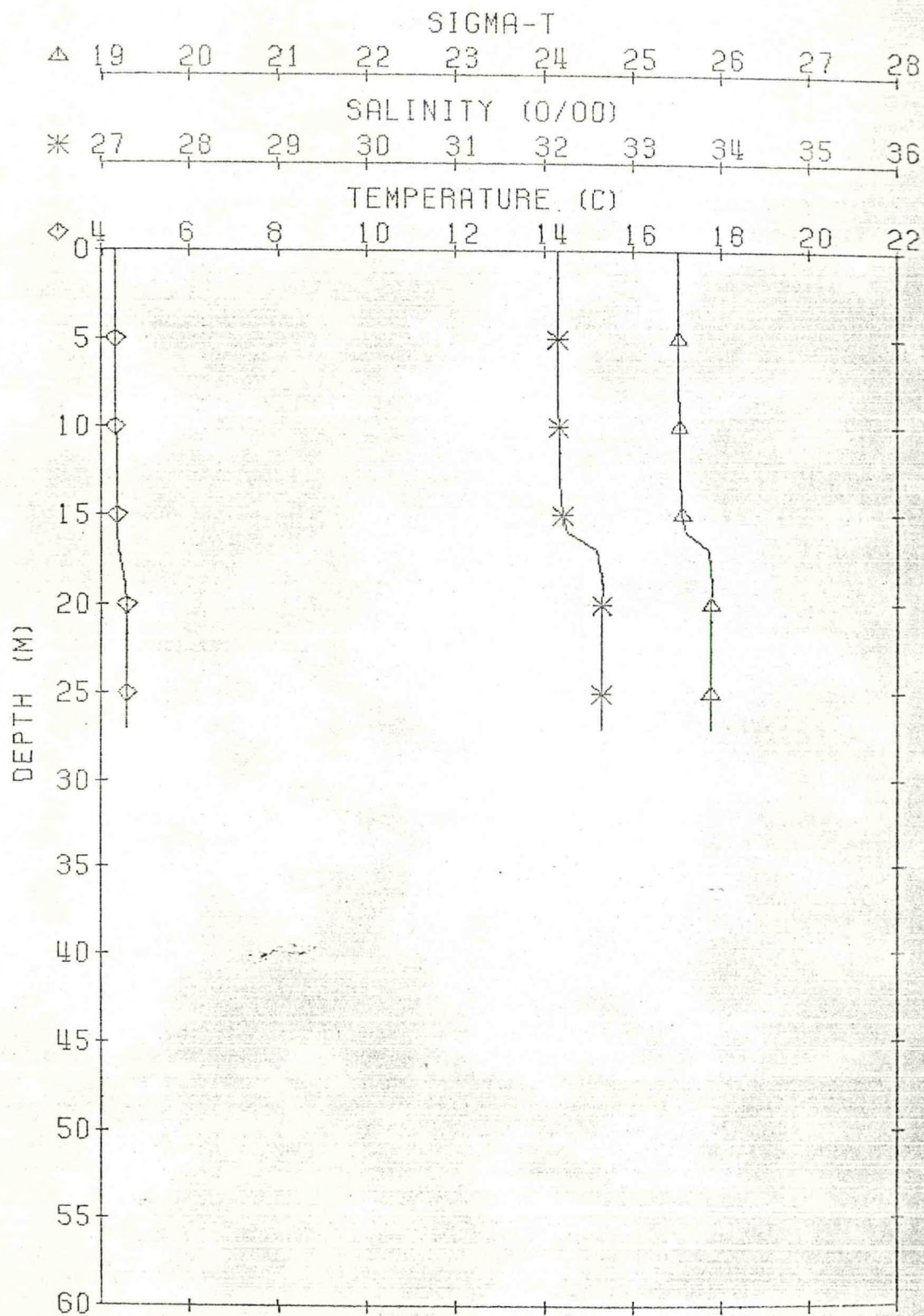
XWCC RESEARCHER CRS. 3 STA. 69 MARCH 2, 1975



RE CRS/STA 03/70 LAT 40 32.1N; LONG 73 7.1W GMT 04.4 03/02/75
DEPTH 031 AIR D/W 02.8/-0.5 BARO 03.0 VTS 7 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 31/15 SEA DIR/HT 31/2 SWELL DIR/HT 32/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	4.31	32.13	25.50
1	4.31	32.13	25.50
2	4.31	32.13	25.50
3	4.31	32.14	25.50
4	4.31	32.14	25.51
5	4.31	32.14	25.51
6	4.31	32.14	25.51
7	4.32	32.14	25.51
8	4.31	32.14	25.51
9	4.31	32.14	25.51
10	4.32	32.15	25.51
11	4.33	32.15	25.51
12	4.33	32.15	25.51
13	4.33	32.16	25.52
14	4.34	32.18	25.53
15	4.35	32.19	25.55
16	4.35	32.24	25.58
17	4.37	32.57	25.84
18	4.44	32.61	25.86
19	4.51	32.65	25.89
20	4.57	32.64	25.87
21	4.57	32.63	25.87
22	4.57	32.63	25.87
23	4.57	32.63	25.87
24	4.57	32.63	25.87
25	4.57	32.63	25.87
26	4.57	32.63	25.86
27	4.57	32.63	25.86

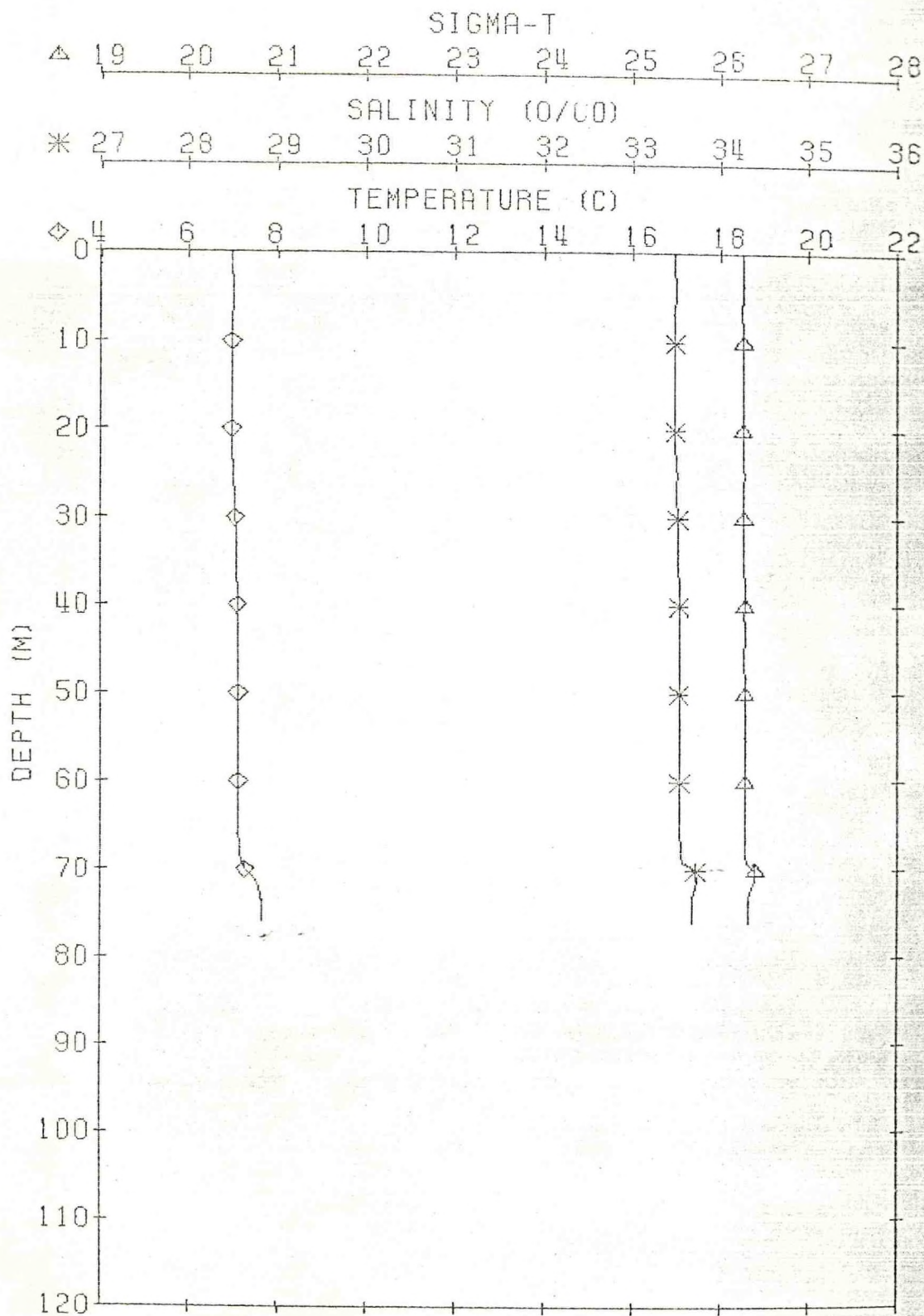
XWCC RESEARCHER CRS. 3 STA. 70 MARCH 2, 1975



RE CRS/STA 03/71 LAT 40 18.4N; LONG 71 41.1W GMT 11.4 03/01/75
 DEPTH 080 AIR D/W 09.5/07.5 RARO 02.4 VIS 8 CLD TYP/CVR X/8
 WETHR 2 WIND DIR/SPD 16/11 SEA DIR/HT 16/1 SWELL DIR/HT 17/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	6.97	33.47	25.24
1	6.97	33.47	25.24
2	6.97	33.47	25.24
3	6.99	33.48	25.25
4	7.01	33.48	25.24
5	7.01	33.47	25.24
6	7.00	33.46	25.23
7	6.97	33.46	25.23
8	6.96	33.47	25.24
9	6.95	33.47	25.24
10	6.96	33.47	25.24
11	6.96	33.47	25.24
12	6.96	33.47	25.24
13	6.96	33.47	25.24
14	6.95	33.47	25.24
15	6.96	33.47	25.24
16	6.96	33.47	25.24
17	6.96	33.47	25.24
18	6.96	33.47	25.24
19	6.96	33.47	25.24
20	6.97	33.47	25.24
21	6.97	33.47	25.24
22	6.97	33.47	25.24
23	6.97	33.49	25.25
24	6.99	33.48	25.25
25	7.00	33.50	25.25
26	7.00	33.48	25.24
27	7.02	33.49	25.25
28	7.03	33.49	25.25
29	7.05	33.49	25.25
30	7.05	33.50	25.25
31	7.06	33.49	25.25
32	7.07	33.49	25.25
33	7.06	33.50	25.25
34	7.07	33.50	25.25
35	7.08	33.50	25.25
36	7.08	33.50	25.25
37	7.09	33.51	25.25
38	7.09	33.51	25.25
39	7.10	33.51	25.25
40	7.10	33.51	25.25
41	7.10	33.51	25.25
42	7.10	33.52	25.25
43	7.10	33.51	25.25
44	7.11	33.51	25.25
45	7.11	33.51	25.25
46	7.11	33.51	25.25
47	7.10	33.51	25.25
48	7.10	33.51	25.25
49	7.10	33.51	25.25
50	7.10	33.51	25.25
60	7.11	33.52	25.25
70	7.27	33.70	25.33
76	7.66	33.66	25.38

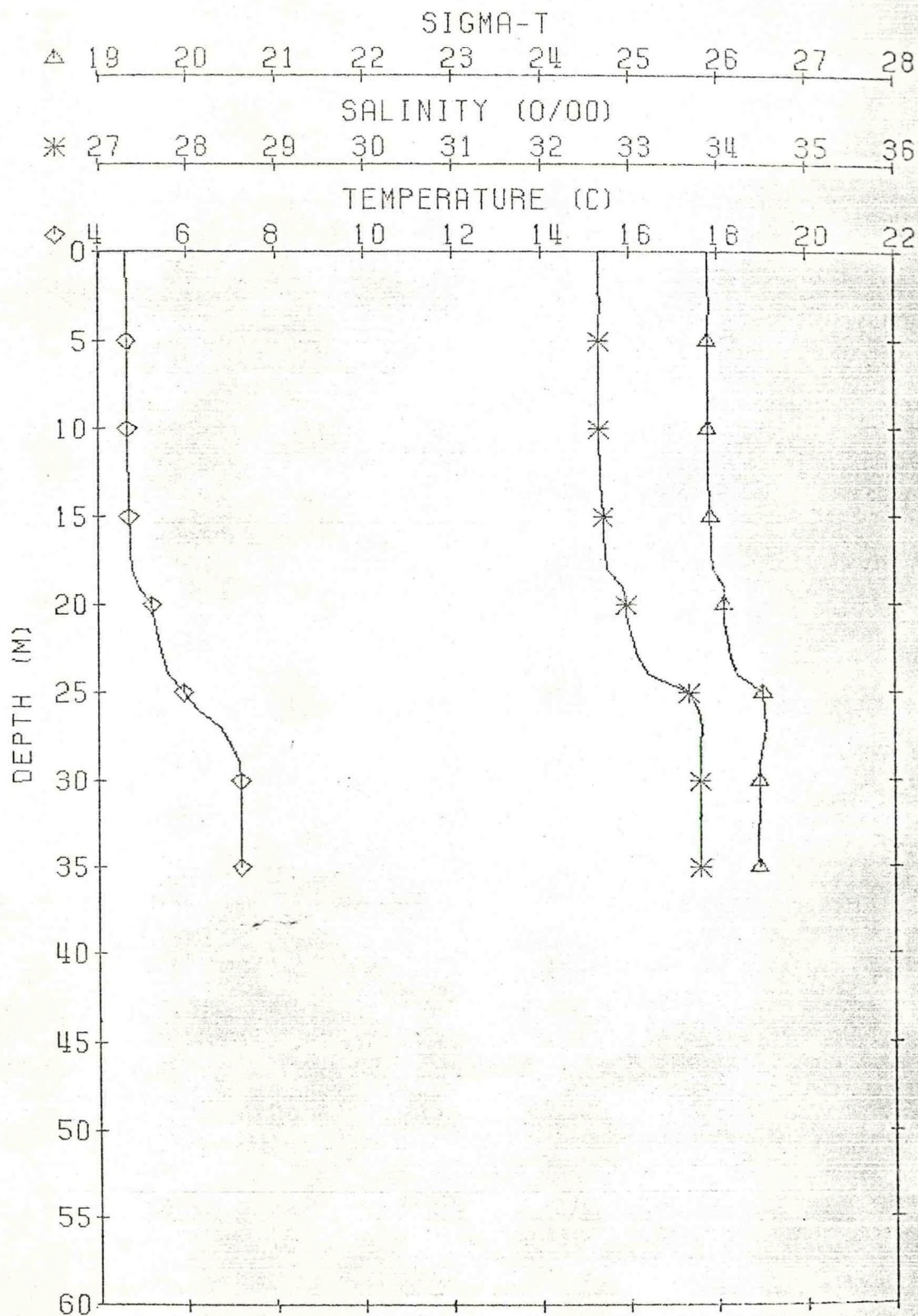
XWCC RESEARCHER CRS. 3 STA. 71 MARCH 1, 1975



RE CRS/STA 03/72 LAT 40 8.4N; LONG 73 20.5W GMT 09.1 03/02/75
DEPTH 038 AIR D/W 02.5/00.0 BARO 00.7 VTS 8 CLD TYP/CVR X/R
WETHR 2 WIND DIR/SPD 02/10 SEA DIR/HT 02/1 SWELL DIR/HT 35/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	4.62	32.65	25.88
1	4.62	32.65	25.88
2	4.62	32.65	25.88
3	4.62	32.67	25.90
4	4.62	32.65	25.88
5	4.62	32.65	25.88
6	4.62	32.65	25.88
7	4.63	32.65	25.88
8	4.64	32.65	25.88
9	4.64	32.65	25.88
10	4.64	32.65	25.88
11	4.64	32.65	25.88
12	4.65	32.66	25.88
13	4.66	32.67	25.89
14	4.67	32.67	25.89
15	4.68	32.69	25.91
16	4.70	32.70	25.91
17	4.73	32.72	25.92
18	4.76	32.74	25.93
19	4.88	32.91	26.06
20	5.19	32.96	26.06
21	5.24	32.97	26.06
22	5.34	33.03	26.10
23	5.43	33.09	26.13
24	5.55	33.21	26.22
25	5.90	33.66	26.50
26	6.25	33.78	26.52
27	6.74	33.81	26.54
28	6.99	33.80	26.49
29	7.19	33.79	26.46
30	7.22	33.79	26.46
31	7.22	33.79	26.46
32	7.23	33.79	26.46
33	7.23	33.78	26.45
34	7.24	33.79	26.45
35	7.23	33.79	26.46

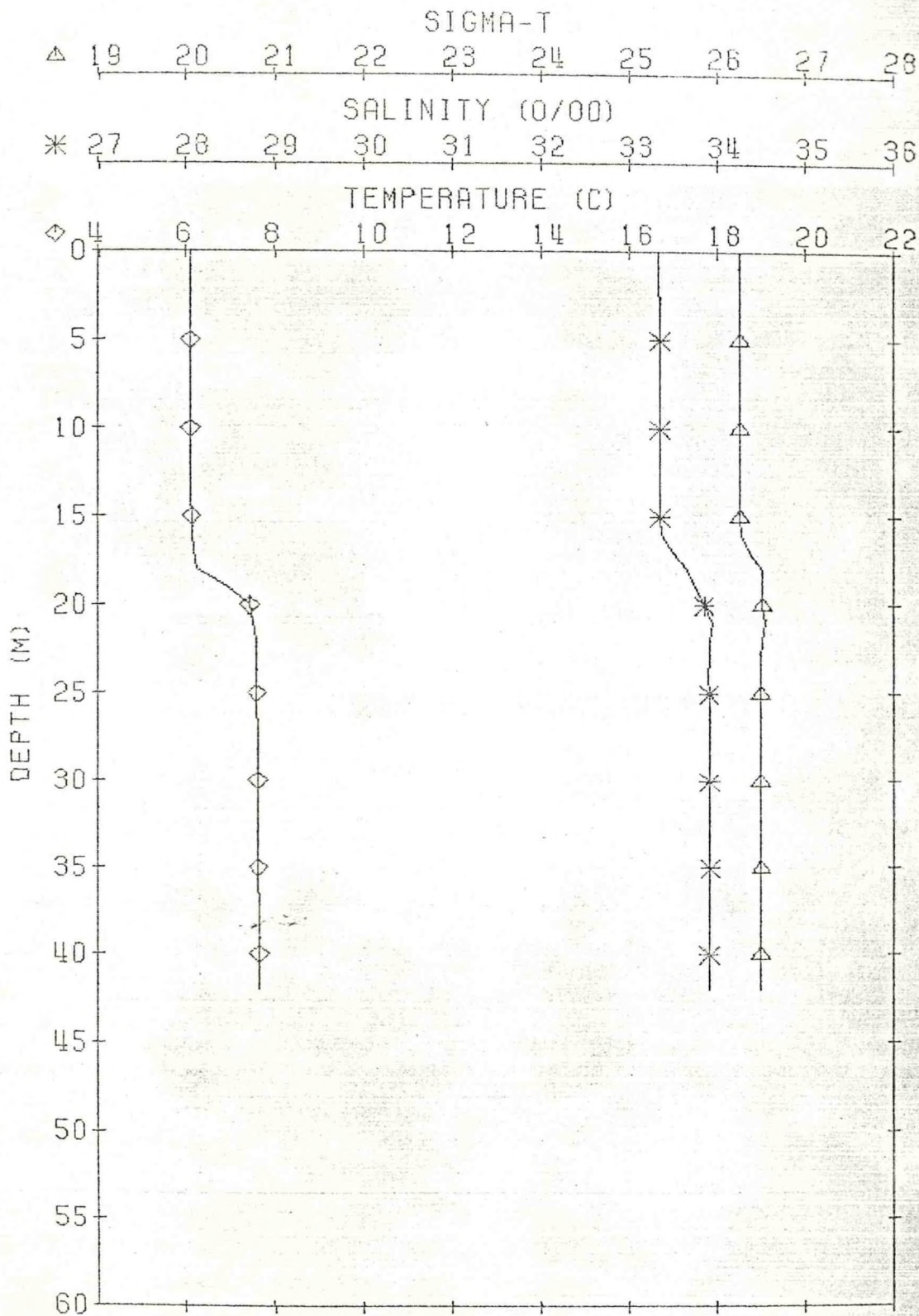
XWCC RESEARCHER CRS. 3 STA. 72 MARCH 2, 1975



RE CRS/STA 03/73 LAT 40 3.1N; LONG 73 7.3W GMT 10.6 03/02/75
DEPTH 045 AIR D/W 02.5/+0.5 BARO 00.3 VIS 8 CLD TYP/CVR X/R
WETHR 2 WIND DIR/SPD 05/14 SEA DIR/HT 05/1 SWELL DIR/HT 35/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
0	6.08	33.33	26.24
1	6.08	33.33	26.24
2	6.08	33.33	26.24
3	6.08	33.33	26.25
4	6.09	33.33	26.25
5	6.09	33.34	26.25
6	6.09	33.33	26.25
7	6.10	33.33	26.24
8	6.10	33.33	26.24
9	6.10	33.33	26.25
10	6.09	33.33	26.25
11	6.09	33.33	26.25
12	6.10	33.34	26.25
13	6.10	33.34	26.25
14	6.11	33.33	26.24
15	6.11	33.34	26.25
16	6.13	33.36	26.26
17	6.16	33.49	26.36
18	6.24	33.64	26.50
19	6.91	33.74	26.50
20	7.43	33.84	26.50
21	7.53	33.94	26.53
22	7.57	33.90	26.49
23	7.58	33.90	26.49
24	7.58	33.89	26.48
25	7.59	33.89	26.48
26	7.59	33.90	26.49
27	7.60	33.90	26.49
28	7.61	33.90	26.49
29	7.61	33.90	26.49
30	7.62	33.90	26.48
31	7.62	33.90	26.48
32	7.62	33.89	26.48
33	7.62	33.90	26.48
34	7.63	33.89	26.48
35	7.63	33.91	26.49
36	7.64	33.90	26.48
37	7.65	33.90	26.48
38	7.65	33.90	26.48
39	7.65	33.91	26.49
40	7.65	33.90	26.48
41	7.65	33.89	26.48
42	7.65	33.89	26.48

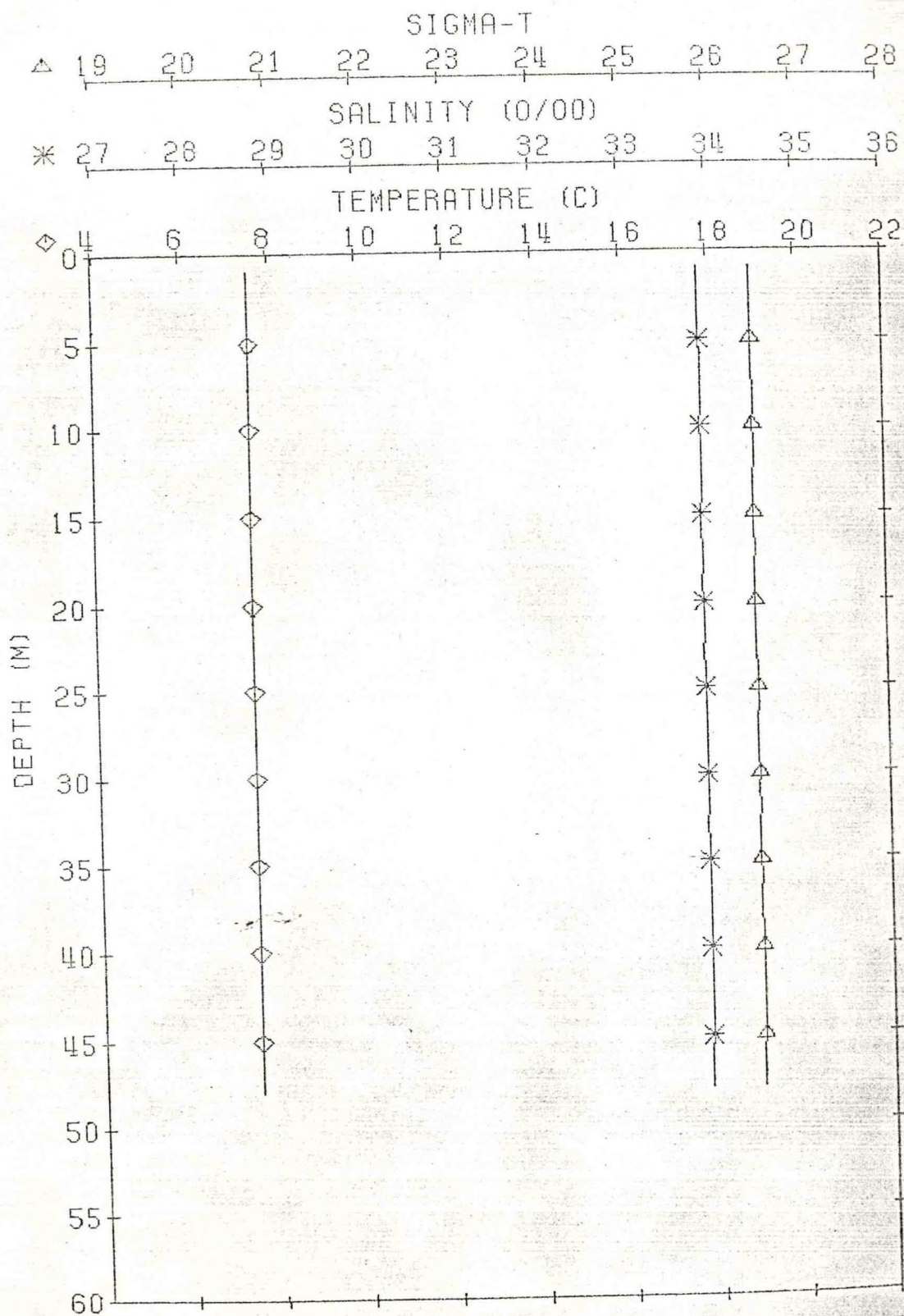
XWCC RESEARCHER CRS. 3 STA. 73 MARCH 2, 1975



RE CRS/STA 03/74 LAT 39 55.9N; LONG 72 52.9W GMT 14.1 03/02/75
DEPTH 052 AIR D/W 02.0/00.0 BARO 97.0 VIS 7 CLD TYP/CVR X/8
WETHR 2 WIND DIR/SPD 04/22 SEA DIR/HT 04/1 SWELL DIR/HT 03/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	7.56	33.89	26.49
2	7.56	33.89	26.48
3	7.56	33.89	26.48
4	7.56	33.88	26.48
5	7.56	33.89	26.49
6	7.55	33.89	26.49
7	7.55	33.89	26.49
8	7.55	33.89	26.49
9	7.55	33.89	26.49
10	7.55	33.89	26.49
11	7.54	33.89	26.49
12	7.55	33.89	26.49
13	7.55	33.89	26.49
14	7.55	33.89	26.49
15	7.55	33.89	26.49
16	7.55	33.89	26.49
17	7.55	33.89	26.49
18	7.55	33.89	26.49
19	7.55	33.89	26.49
20	7.55	33.89	26.49
21	7.55	33.89	26.49
22	7.55	33.89	26.49
23	7.55	33.89	26.49
24	7.55	33.89	26.49
25	7.55	33.89	26.49
26	7.55	33.89	26.49
27	7.56	33.89	26.49
28	7.55	33.89	26.49
29	7.55	33.89	26.49
30	7.55	33.89	26.49
31	7.55	33.89	26.49
32	7.55	33.89	26.49
33	7.55	33.89	26.49
34	7.55	33.89	26.49
35	7.55	33.89	26.49
36	7.55	33.89	26.49
37	7.55	33.89	26.49
38	7.55	33.89	26.49
39	7.55	33.89	26.49
40	7.55	33.89	26.49
41	7.55	33.89	26.49
42	7.55	33.89	26.49
43	7.55	33.89	26.49
44	7.55	33.89	26.49
45	7.55	33.89	26.49
46	7.55	33.89	26.49
47	7.55	33.89	26.49
48	7.55	33.89	26.49

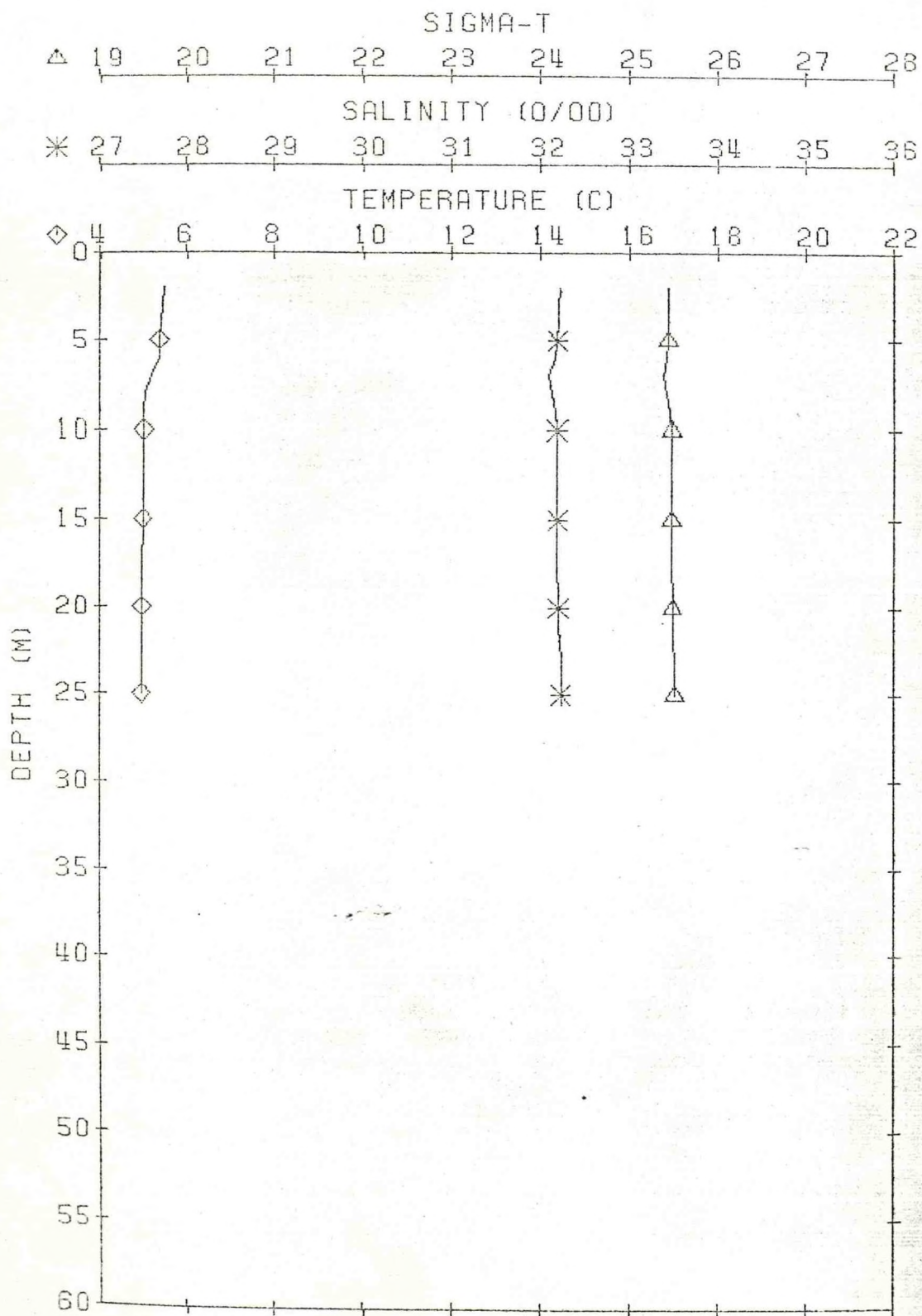
XWCC RESEARCHER CRS. 3 STA. 74 MARCH 2, 1975



RE CRS/STA 04/22 LAT 40 14.2N; LONG 73 51.2W GMT 20.0 04/10/75
DEPTH 025 AIR D/W 04.0/01.3 BARO 15.2 VIS 7 CLD TYP/CVR X/8
WETHR 2 WIND DIR/SPD 18/18 SEA DIR/HT 18/0 SWELL DIR/HT 00/0

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	5.46	32.21	25.44
3	5.43	32.19	25.42
4	5.40	32.19	25.43
5	5.37	32.18	25.43
6	5.36	32.16	25.41
7	5.19	32.09	25.37
8	5.03	32.11	25.41
9	5.00	32.15	25.45
10	5.00	32.17	25.46
11	4.99	32.17	25.46
12	4.99	32.18	25.46
13	4.99	32.18	25.47
14	4.99	32.18	25.47
15	4.98	32.18	25.47
16	4.98	32.18	25.47
17	4.97	32.18	25.47
18	4.97	32.18	25.47
19	4.97	32.19	25.47
20	4.97	32.19	25.48
21	4.96	32.19	25.48
22	4.95	32.20	25.49
23	4.95	32.22	25.50
24	4.95	32.22	25.50
25	4.95	32.22	25.50

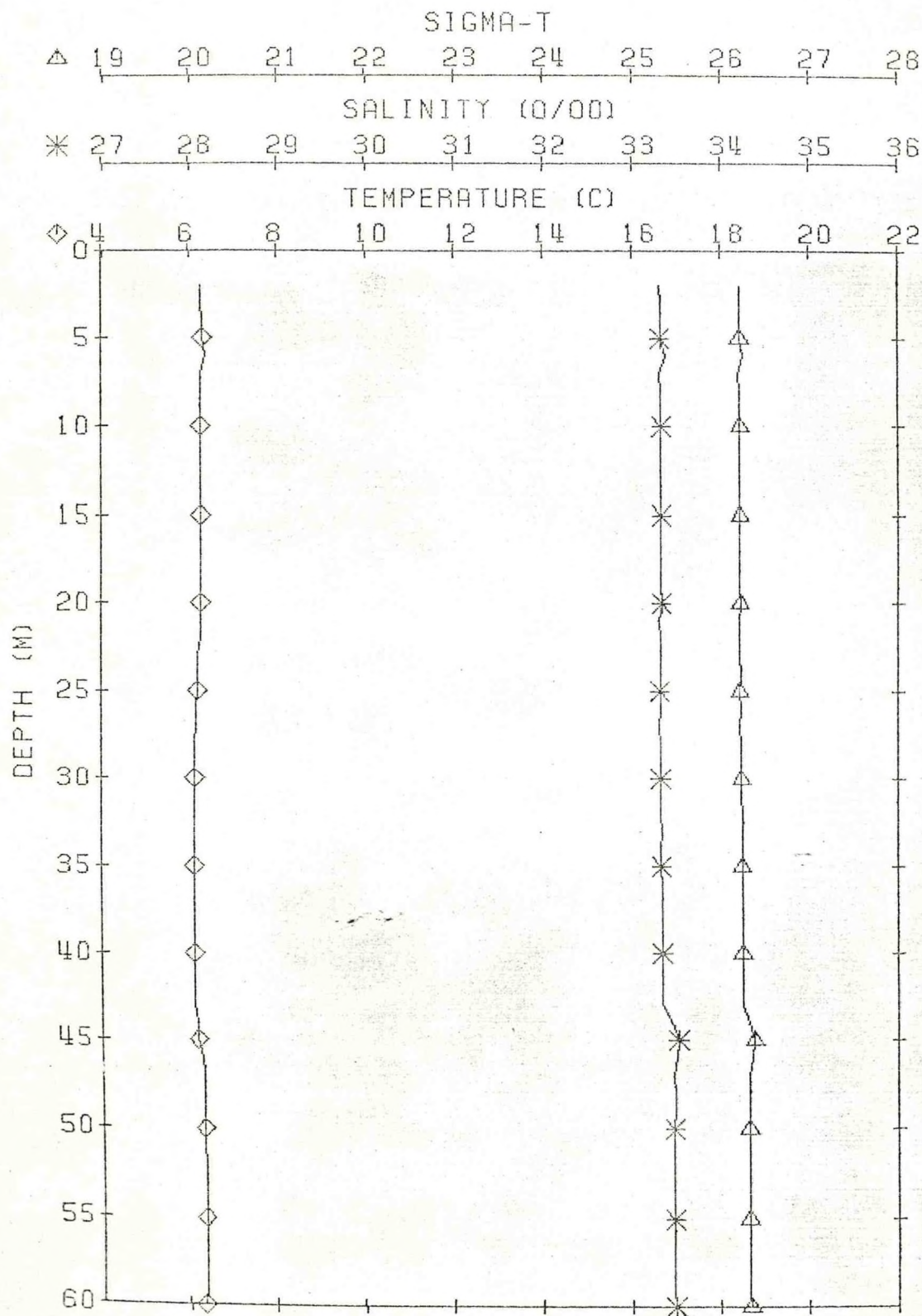
XWCC RESEARCHER CRS. 4 STA. 22 APRIL 10, 1975



RE CRS/STA 04/30 LAT 40 2.0N; LONG 72 41.5W GMT 06.6 04/12/75
 DEPTH 063 AIR D/W 06.5/04.8 BARO 11.2 VIS 8 CLD TYP/CVR X/X
 WETHR 1 WIND DIR/SPD 33/08 SEA DIR/HT 33/0 SWELL DIR/HT 22/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	6.28	33.31	25.20
3	6.29	33.32	25.21
4	6.29	33.32	25.21
5	6.30	33.31	25.20
6	6.37	33.36	25.24
7	6.29	33.30	25.19
8	6.28	33.32	25.21
9	6.28	33.32	25.21
10	6.28	33.32	25.22
11	6.28	33.32	25.22
12	6.28	33.32	25.22
13	6.28	33.32	25.21
14	6.28	33.32	25.22
15	6.28	33.32	25.22
16	6.28	33.32	25.22
17	6.28	33.32	25.22
18	6.28	33.32	25.22
19	6.27	33.33	25.22
20	6.26	33.31	25.20
21	6.26	33.31	25.21
22	6.26	33.31	25.21
23	6.26	33.31	25.22
24	6.19	33.31	25.22
25	6.18	33.31	25.22
26	6.18	33.31	25.22
27	6.13	33.30	25.22
28	6.14	33.32	25.23
29	6.13	33.32	25.23
30	6.13	33.32	25.23
31	6.13	33.33	25.24
32	6.13	33.33	25.24
33	6.13	33.33	25.24
34	6.13	33.33	25.24
35	6.13	33.33	25.24
36	6.13	33.33	25.24
37	6.13	33.33	25.24
38	6.13	33.33	25.24
39	6.13	33.34	25.25
40	6.13	33.34	25.25
41	6.13	33.34	25.25
42	6.13	33.34	25.25
43	6.13	33.34	25.25
44	6.20	33.44	25.28
45	6.21	33.52	25.33
46	6.36	33.51	25.66
47	6.33	33.47	25.62
48	6.33	33.47	25.62
49	6.33	33.47	25.62
50	6.33	33.47	25.62
60	6.34	33.49	25.64

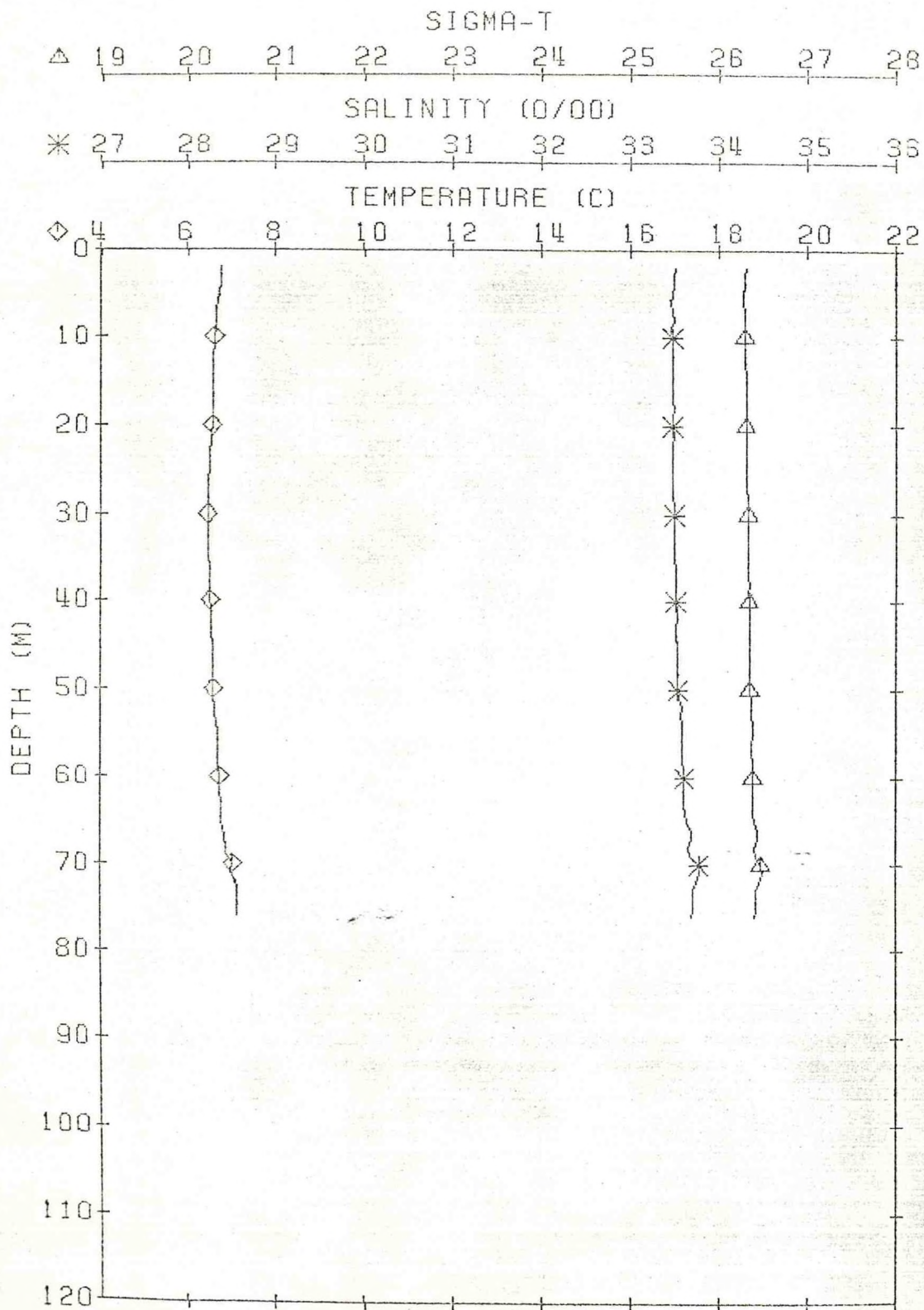
XWCC RESEARCHER CRS. 4 STA. 30 APRIL 12, 1975



RE CRS/STA 04/31 LAT 39.54.0N; LONG 72 25.0W GMT 05.1 04/12/75
 DEPTH 080 AIR D/W 06.2/04.0 BARO 11.2 VTS 8 CLD TYP/CVR X/X
 WETHR 1 WIND DIR/SPD 26/06 SEA DIR/HT 26/0 SWELL DIR/HT 22/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	6.73	33.51	25.30
3	6.74	33.48	25.28
4	6.73	33.47	25.28
5	6.72	33.46	25.26
6	6.66	33.44	25.26
7	6.64	33.46	25.28
8	6.64	33.47	25.29
9	6.62	33.45	25.27
10	6.61	33.46	25.28
11	6.59	33.47	25.29
12	6.58	33.47	25.29
13	6.58	33.47	25.29
14	6.56	33.47	25.29
15	6.57	33.47	25.29
16	6.57	33.47	25.30
17	6.56	33.47	25.30
18	6.56	33.47	25.30
19	6.55	33.47	25.30
20	6.55	33.47	25.29
21	6.53	33.47	25.30
22	6.53	33.47	25.30
23	6.50	33.46	25.29
24	6.49	33.46	25.30
25	6.48	33.47	25.31
26	6.47	33.47	25.31
27	6.46	33.47	25.31
28	6.45	33.47	25.31
29	6.45	33.48	25.32
30	6.44	33.48	25.32
31	6.45	33.48	25.32
32	6.45	33.49	25.32
33	6.46	33.49	25.32
34	6.47	33.49	25.32
35	6.47	33.48	25.32
36	6.47	33.49	25.32
37	6.49	33.50	25.32
38	6.48	33.50	25.32
39	6.49	33.50	25.32
40	6.50	33.50	25.32
41	6.51	33.51	25.32
42	6.52	33.51	25.32
43	6.54	33.51	25.32
44	6.54	33.51	25.32
45	6.55	33.52	25.34
46	6.55	33.52	25.34
47	6.55	33.52	25.34
48	6.55	33.52	25.34
49	6.55	33.52	25.34
50	6.58	33.53	25.34
60	6.71	33.60	25.38
70	7.02	33.77	25.44
76	7.12	33.69	25.49

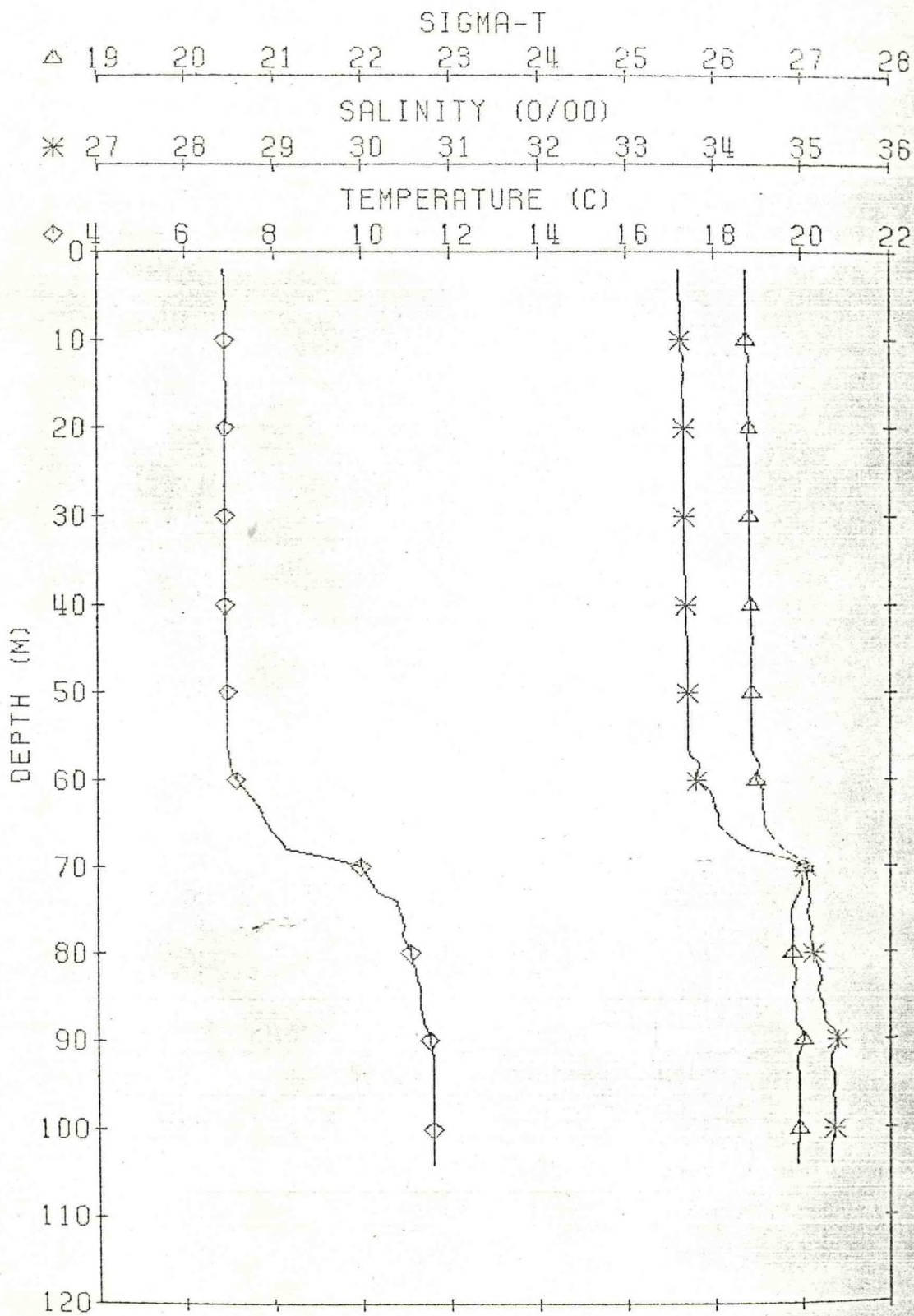
XWCC RESEARCHER CRS. 4 STA. 31 APRIL 12, 1975



RE CRS/STA 04/32 LAT 39 46.0N; LONG 72 7.0W GMT 03.2 04/12/75
 DEPTH 106 AIR D/W 05.2/03.0 BARO 10.5 VIS 8 CLD TYP/CVR X/X
 WETHR 1 WIND DIR/SPD 00/00 SEA DIR/HT 99/0 SWELL DIR/HT 22/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	6.87	33.59	26.35
3	6.89	33.59	26.35
4	6.89	33.60	26.35
5	6.90	33.60	26.35
6	6.92	33.60	26.35
7	6.90	33.60	26.35
8	6.90	33.61	26.35
9	6.89	33.61	26.36
10	6.89	33.60	26.36
11	6.87	33.60	26.36
12	6.89	33.64	26.38
13	6.91	33.63	26.38
14	6.91	33.64	26.38
15	6.92	33.63	26.37
16	6.91	33.64	26.38
17	6.91	33.64	26.38
18	6.91	33.64	26.38
19	6.91	33.64	26.38
20	6.91	33.64	26.38
21	6.90	33.64	26.38
22	6.90	33.64	26.38
23	6.89	33.64	26.39
24	6.89	33.65	26.39
25	6.89	33.64	26.39
26	6.89	33.64	26.39
27	6.89	33.65	26.39
28	6.89	33.65	26.39
29	6.89	33.64	26.39
30	6.89	33.64	26.39
31	6.90	33.65	26.39
32	6.89	33.65	26.39
33	6.89	33.65	26.39
34	6.89	33.65	26.39
35	6.89	33.65	26.39
36	6.89	33.65	26.39
37	6.88	33.65	26.40
38	6.89	33.66	26.40
39	6.89	33.66	26.40
40	6.89	33.66	26.40
41	6.89	33.66	26.40
42	6.90	33.66	26.40
43	6.90	33.66	26.40
44	6.92	33.69	26.42
45	6.93	33.68	26.41
46	6.93	33.68	26.41
47	6.94	33.68	26.41
48	6.94	33.68	26.41
49	6.94	33.68	26.41
50	6.94	33.68	26.41
60	7.13	33.78	26.46
70	9.94	35.03	27.01
80	11.07	35.12	26.88
90	11.50	35.39	27.00
100	11.59	35.35	26.96
104	11.59	35.31	26.93

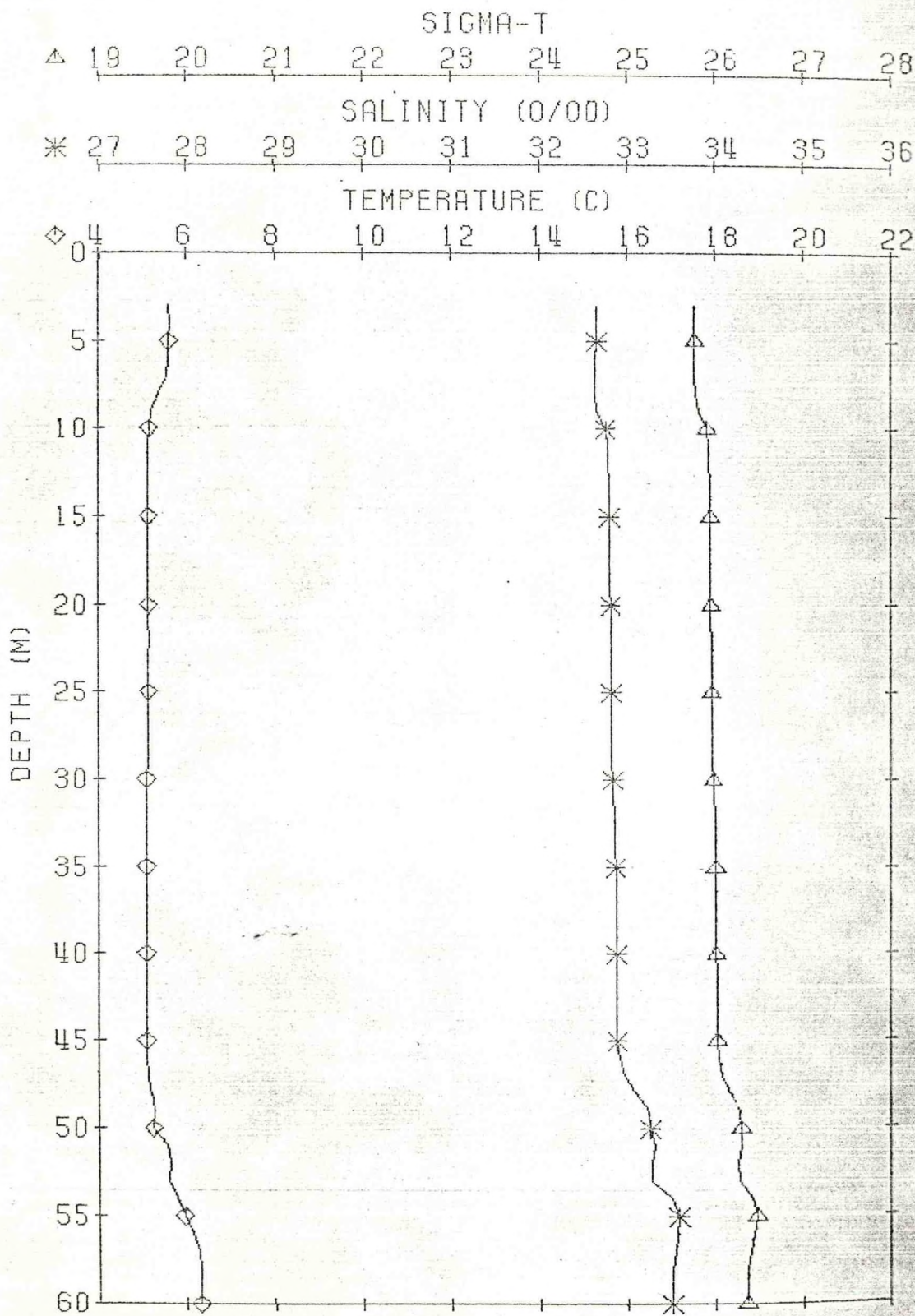
XWCC RESEARCHER CRS. 4 STA. 32 APRIL 12, 1975



RE CRS/STA 04/33 LAT 40 10.7N; LONG 73 42.7W GMT 21.1 04/10/75
DEPTH 060 AIR D/W 04.5/02.5 BARO 11.5 VTS 7 cLn TYP/cVR X/R
WETHR 2 WIND DIR/SPD 20/16 SEA DIR/HT 20/0 SWELL DIR/HT 19/0

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
3	5.59	32.64	25.76
4	5.60	32.64	25.76
5	5.60	32.64	25.76
6	5.58	32.63	25.76
7	5.53	32.62	25.76
8	5.37	32.63	25.78
9	5.18	32.64	25.81
10	5.13	32.75	25.90
11	5.12	32.78	25.92
12	5.13	32.78	25.93
13	5.12	32.79	25.93
14	5.12	32.79	25.93
15	5.12	32.79	25.94
16	5.13	32.79	25.94
17	5.13	32.79	25.94
18	5.12	32.79	25.94
19	5.12	32.80	25.94
20	5.12	32.80	25.94
21	5.12	32.80	25.94
22	5.13	32.81	25.95
23	5.12	32.81	25.95
24	5.12	32.81	25.95
25	5.12	32.81	25.95
26	5.12	32.81	25.95
27	5.12	32.81	25.95
28	5.11	32.81	25.95
29	5.10	32.81	25.95
30	5.08	32.82	25.97
31	5.06	32.83	25.98
32	5.06	32.85	25.99
33	5.06	32.85	25.99
34	5.06	32.85	25.99
35	5.07	32.86	25.99
36	5.07	32.86	25.99
37	5.07	32.86	26.00
38	5.07	32.86	26.00
39	5.07	32.86	26.00
40	5.07	32.86	26.00
41	5.07	32.87	26.00
42	5.07	32.87	26.00
43	5.07	32.87	26.00
44	5.07	32.87	26.00
45	5.06	32.87	26.00
46	5.07	32.90	26.02
47	5.09	32.95	26.07
48	5.17	33.09	26.16
49	5.25	33.22	26.26
50	5.23	33.25	26.28
60	6.30	33.50	26.35

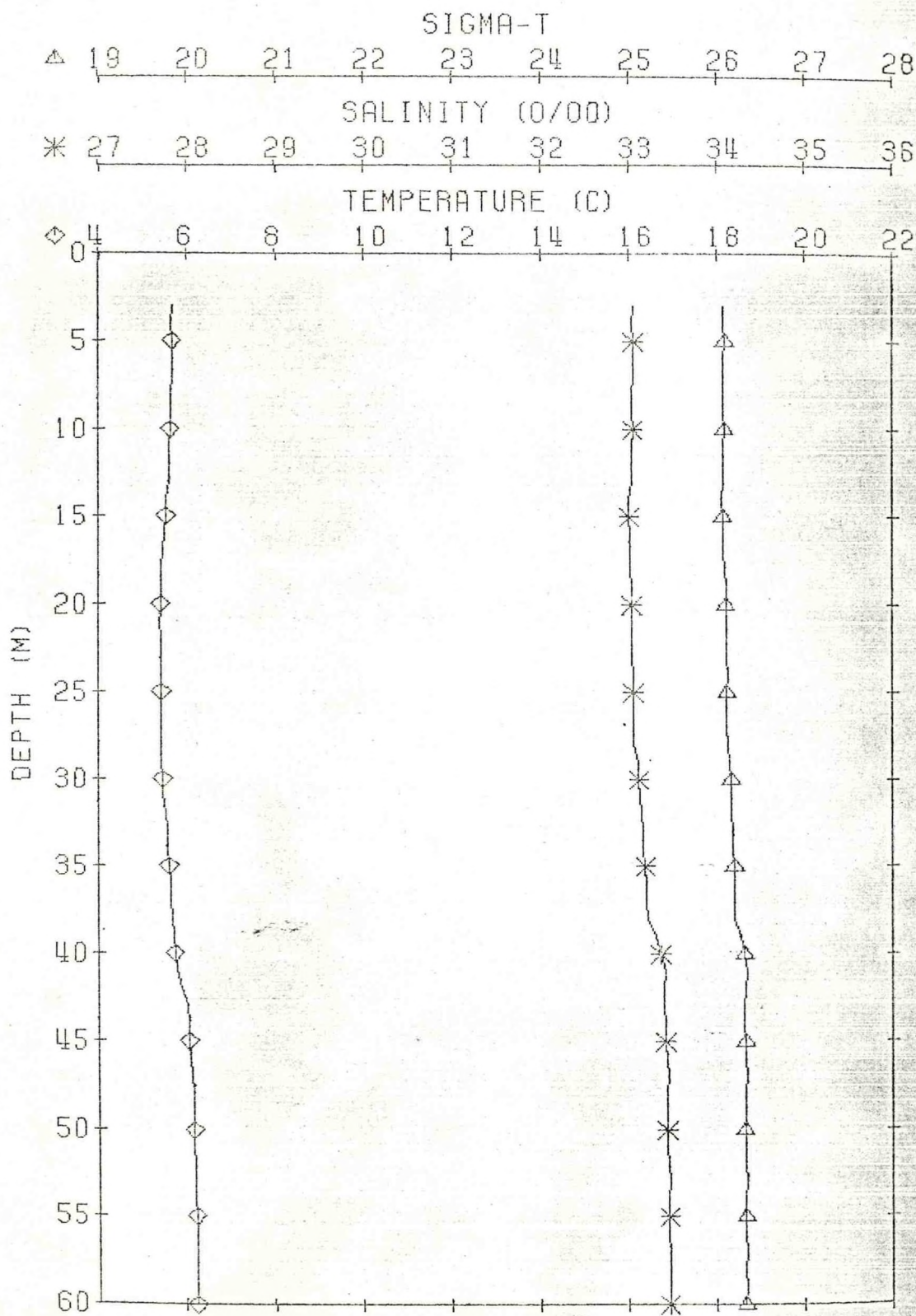
XWCC RESEARCHER CRS. 4 STA. 33 APRIL 10, 1975



RE CRS/STA 04/34 LAT 40 5.5N LONG 73 32.2W GMT 22.2 04/10/75
DEPTH 060 AIR D/W 04.8/03.0 BARO 11.2 VTS 7 CLD TYP/CVR X/R
WTHR 2 WIND DIR/SPD 21/20 SEA DIR/HT 21/0 SWELL DIR/HT 19/0

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
3	5.64	33.04	26.07
4	5.64	33.03	26.07
5	5.64	33.05	26.08
6	5.65	33.04	26.07
7	5.65	33.04	26.07
8	5.61	33.03	26.07
9	5.61	33.03	26.07
10	5.61	33.04	26.07
11	5.60	33.03	26.07
12	5.59	33.03	26.07
13	5.58	33.02	26.06
14	5.53	32.99	26.05
15	5.50	33.00	26.06
16	5.47	33.01	26.07
17	5.44	33.00	26.07
18	5.40	33.02	26.08
19	5.39	33.03	26.09
20	5.39	33.03	26.09
21	5.38	33.03	26.10
22	5.38	33.03	26.10
23	5.39	33.04	26.10
24	5.39	33.05	26.11
25	5.40	33.05	26.11
26	5.40	33.04	26.10
27	5.40	33.04	26.10
28	5.39	33.05	26.11
29	5.41	33.10	26.14
30	5.43	33.11	26.15
31	5.45	33.12	26.16
32	5.51	33.13	26.16
33	5.54	33.16	26.18
34	5.56	33.15	26.16
35	5.57	33.18	26.19
36	5.62	33.20	26.20
37	5.62	33.20	26.20
38	5.66	33.20	26.20
39	5.68	33.30	26.27
40	5.72	33.35	26.31
41	5.76	33.40	26.34
42	5.87	33.40	26.32
43	6.02	33.39	26.30
44	6.05	33.40	26.31
45	6.05	33.41	26.32
46	6.10	33.43	26.32
47	6.14	33.44	26.33
48	6.16	33.43	26.32
49	6.17	33.43	26.31
50	6.18	33.43	26.31
60	6.23	33.46	26.33

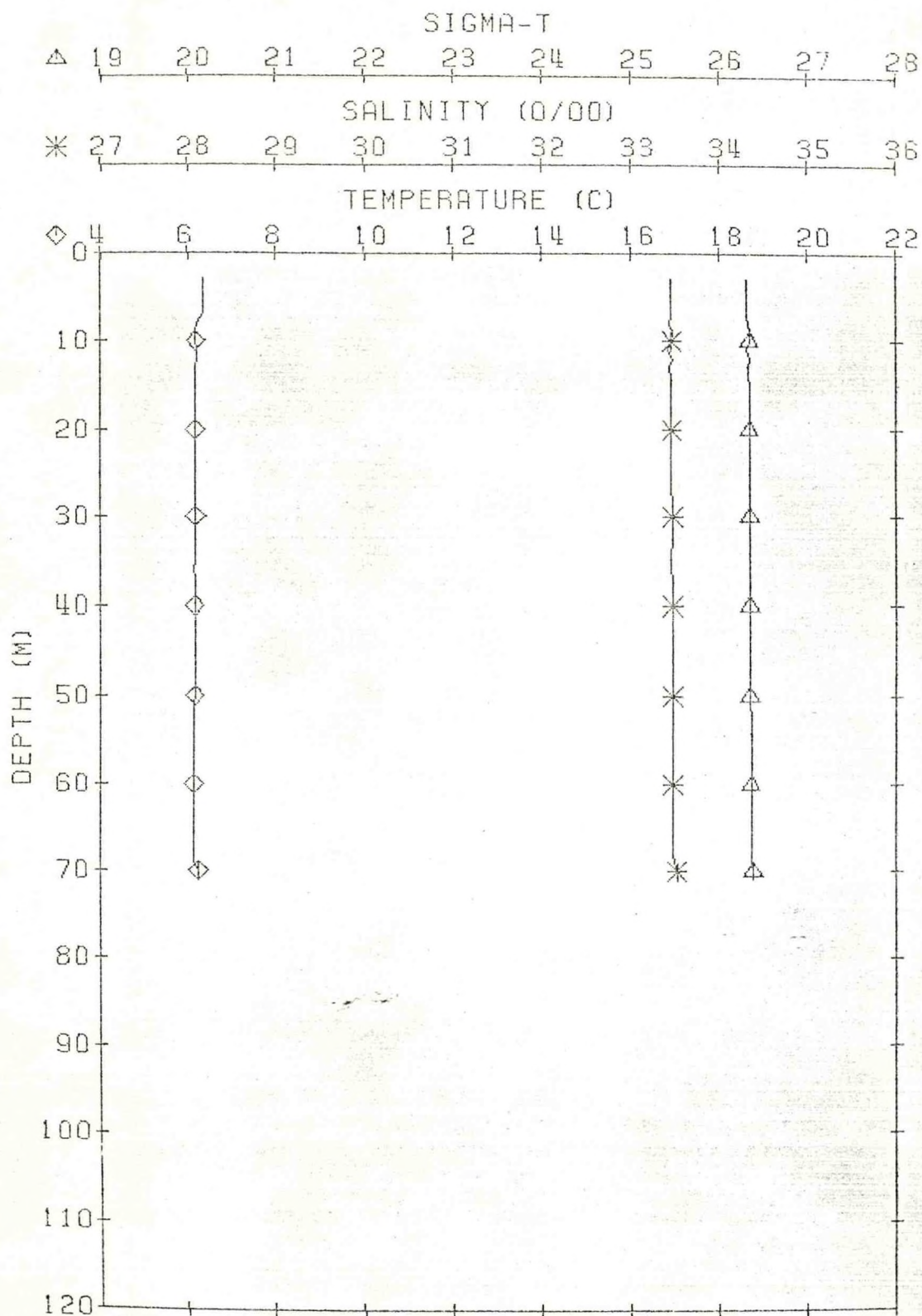
XWCC RESEARCHER CRS. 4 STA. 34 APRIL 10, 1975



RE CRS/STA 04/35 LAT 39 58.8N; LONG 73 21.1W GMT 23.6 04/10/75
 DEPTH 071 AIR D/W 07.5/04.5 BARO 10.8 VIS 7 CLD TYP/CVR X/X
 WETHR 0 WIND DIR/SPD 22/18 SEA DIR/HT 22/1 SWELL DIR/HT 19/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
3	6.34	33.44	26.30
4	6.33	33.44	26.30
5	6.33	33.44	26.30
6	6.34	33.44	26.30
7	6.36	33.44	26.30
8	6.22	33.43	26.31
9	6.15	33.46	26.34
10	6.18	33.45	26.33
11	6.20	33.41	26.30
12	6.21	33.46	26.34
13	6.16	33.43	26.32
14	6.16	33.44	26.32
15	6.16	33.45	26.33
16	6.16	33.45	26.33
17	6.16	33.45	26.33
18	6.16	33.45	26.33
19	6.16	33.45	26.33
20	6.16	33.45	26.33
21	6.16	33.45	26.33
22	6.16	33.45	26.33
23	6.16	33.45	26.33
24	6.16	33.45	26.33
25	6.16	33.45	26.33
26	6.16	33.45	26.33
27	6.16	33.45	26.33
28	6.15	33.46	26.34
29	6.15	33.46	26.34
30	6.16	33.46	26.34
31	6.16	33.46	26.34
32	6.16	33.46	26.34
33	6.16	33.46	26.33
34	6.16	33.45	26.33
35	6.16	33.45	26.33
36	6.14	33.45	26.34
37	6.15	33.46	26.34
38	6.15	33.46	26.34
39	6.15	33.46	26.34
40	6.15	33.46	26.34
41	6.15	33.46	26.34
42	6.16	33.46	26.34
43	6.15	33.46	26.34
44	6.15	33.46	26.34
45	6.15	33.46	26.34
46	6.15	33.47	26.34
47	6.15	33.46	26.34
48	6.15	33.46	26.34
49	6.15	33.47	26.35
50	6.15	33.46	26.34
60	6.13	33.47	26.35
70	6.23	33.51	26.37
71	6.23	33.52	26.38

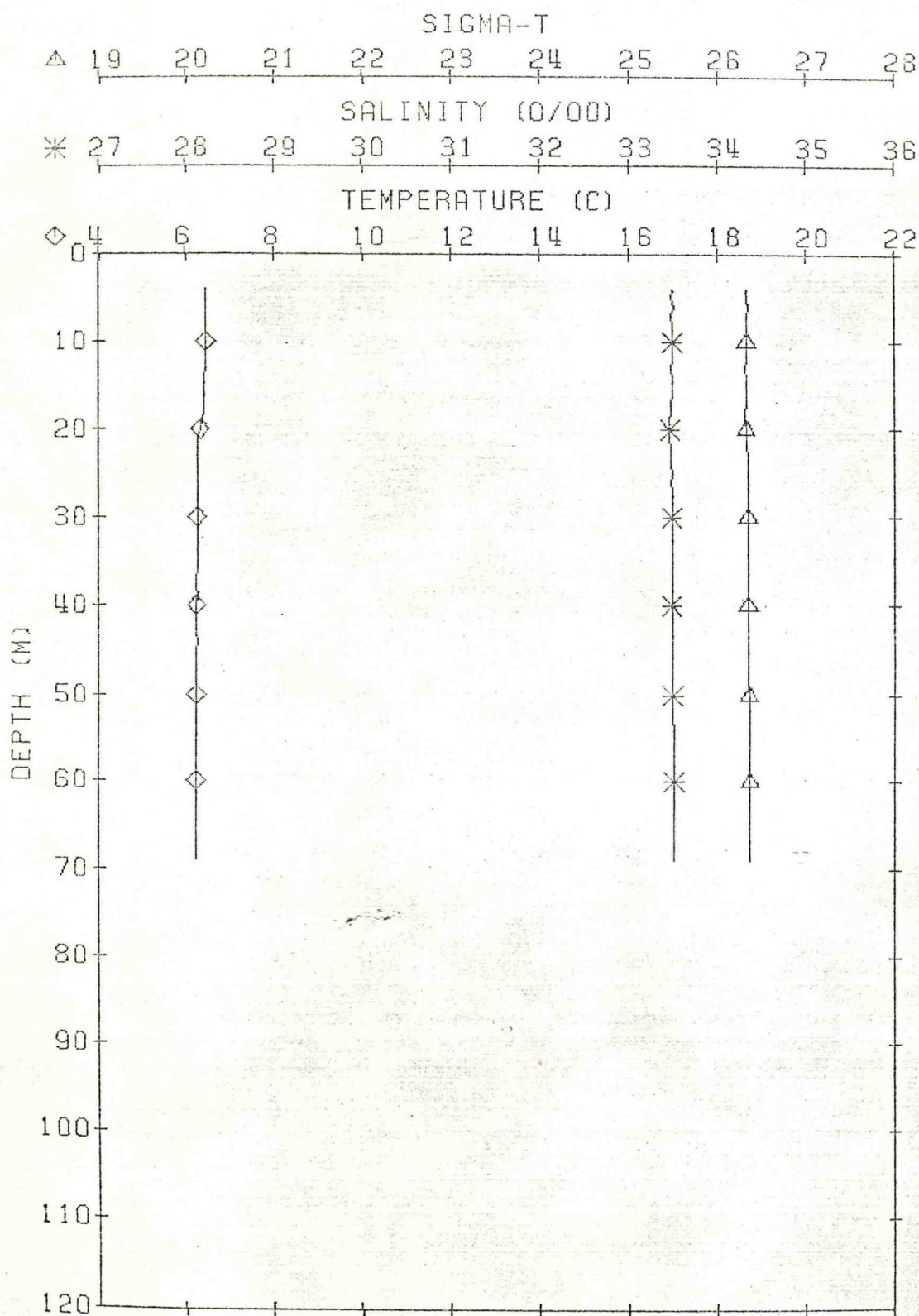
XWCC RESEARCHER CRS. 4 STA. 35 APRIL 10, 1975



RE CRS/STA 04/36 LAT 39 55.7N; LONG 73 6.3W GMT 01.1 04/11/75
 DEPTH 068 AIR D/W 06.0/04.0 BARO 10.8 VIS 7 CLD TYP/CVR X/X
 WETHR 0 WIND DIR/SPD 23/18 SEA DIR/HT 23/1 SWELL DIR/HT 19/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
4	6.45	33.47	26.31
5	6.44	33.47	26.31
6	6.45	33.51	26.34
7	6.45	33.47	26.31
8	6.46	33.48	26.31
9	6.45	33.48	26.32
10	6.46	33.48	26.31
11	6.46	33.48	26.32
12	6.45	33.47	26.31
13	6.45	33.47	26.31
14	6.43	33.48	26.32
15	6.43	33.47	26.31
16	6.43	33.48	26.32
17	6.42	33.47	26.31
18	6.42	33.46	26.31
19	6.37	33.45	26.31
20	6.33	33.45	26.31
21	6.29	33.45	26.31
22	6.28	33.46	26.32
23	6.26	33.47	26.33
24	6.27	33.47	26.33
25	6.27	33.47	26.34
26	6.26	33.47	26.34
27	6.26	33.47	26.34
28	6.26	33.47	26.34
29	6.26	33.47	26.34
30	6.26	33.47	26.34
31	6.26	33.48	26.34
32	6.26	33.47	26.34
33	6.26	33.47	26.34
34	6.26	33.47	26.34
35	6.26	33.47	26.34
36	6.26	33.47	26.34
37	6.26	33.47	26.34
38	6.26	33.48	26.34
39	6.26	33.48	26.34
40	6.26	33.48	26.34
41	6.26	33.48	26.34
42	6.26	33.48	26.34
43	6.26	33.48	26.34
44	6.26	33.48	26.34
45	6.26	33.48	26.34
46	6.26	33.48	26.34
47	6.26	33.48	26.34
48	6.26	33.48	26.34
49	6.26	33.48	26.34
50	6.24	33.48	26.35
60	6.24	33.50	26.36
69	6.24	33.50	26.36

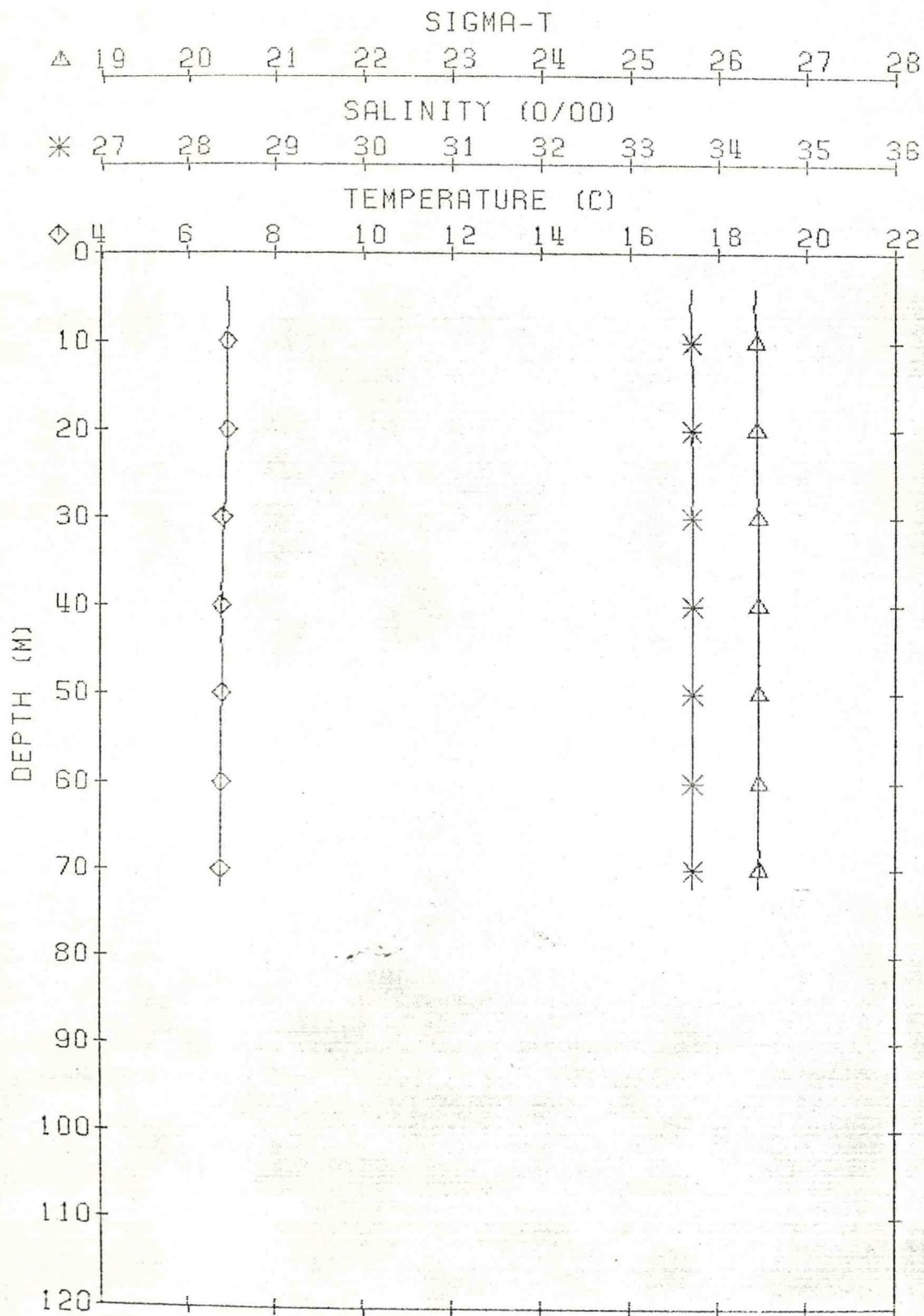
XWCC RESEARCHER CRS. 4 STA. 36 APRIL 11, 1975



RE CRS/STA 04/37 LAT 39.45.8N; LONG 72.56.7W GMT 02.6 04/11/75
 DEPTH 074 AIR D/W 06.5/04.8 BARO 11.5 VIS 7 CLD TYP/CVR X/X
 WETHR 0 WIND DIR/SPD 20/14 SEA DIR/HT 20/1 SWELL DIR/HT 19/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
4	6.91	33.68	26.41
5	6.91	33.68	26.42
6	6.91	33.66	26.40
7	6.92	33.68	26.41
8	6.91	33.68	26.42
9	6.90	33.69	26.42
10	6.90	33.69	26.42
11	6.90	33.69	26.42
12	6.90	33.69	26.42
13	6.90	33.69	26.42
14	6.90	33.69	26.43
15	6.90	33.69	26.42
16	6.90	33.69	26.42
17	6.90	33.69	26.43
18	6.90	33.69	26.43
19	6.91	33.69	26.42
20	6.90	33.69	26.42
21	6.90	33.69	26.42
22	6.88	33.69	26.43
23	6.87	33.70	26.43
24	6.87	33.70	26.43
25	6.87	33.70	26.44
26	6.86	33.70	26.43
27	6.86	33.70	26.44
28	6.86	33.70	26.44
29	6.85	33.69	26.43
30	6.78	33.69	26.44
31	6.80	33.69	26.44
32	6.77	33.70	26.45
33	6.77	33.70	26.45
34	6.77	33.70	26.45
35	6.77	33.70	26.45
36	6.77	33.70	26.45
37	6.77	33.70	26.45
38	6.76	33.70	26.45
39	6.77	33.70	26.45
40	6.76	33.70	26.45
41	6.76	33.70	26.45
42	6.77	33.70	26.45
43	6.77	33.70	26.45
44	6.76	33.70	26.45
45	6.77	33.70	26.45
46	6.77	33.70	26.45
47	6.77	33.70	26.45
48	6.77	33.70	26.45
49	6.77	33.70	26.45
50	6.77	33.70	26.45
60	6.76	33.70	26.45
70	6.75	33.71	26.45
72	6.76	33.71	26.45

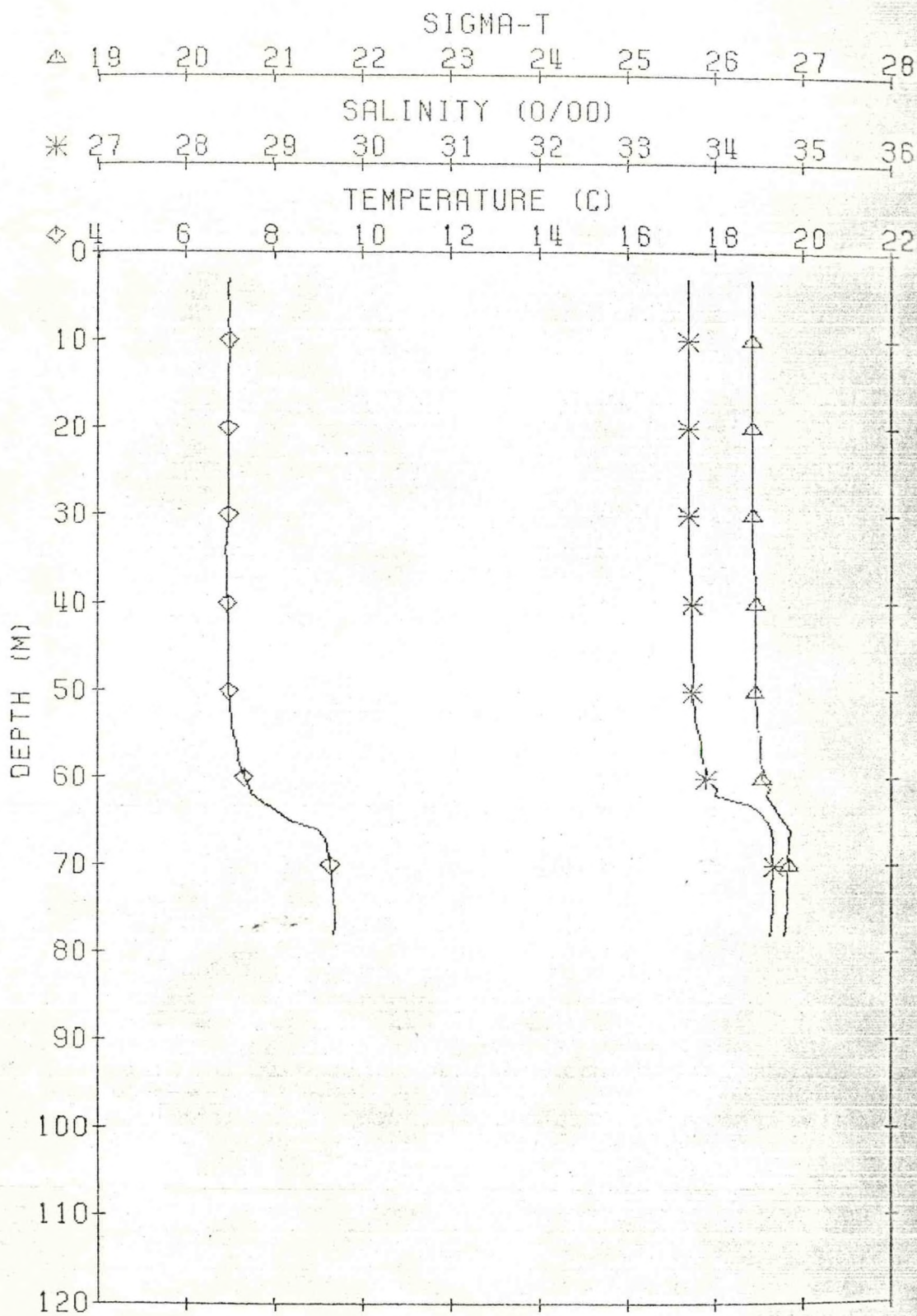
XWCC RESEARCHER CRS. 4 STA. 37 APRIL 11, 1975



RE CRS/STA 04/38 LAT 39 39.0N; LONG 72 39.5W GMT 04.4 04/11/75
 DEPTH 082 AIR D/W 06.5/04.8 BARO 11.5 VIS 7 CLD TYP/CVR X/X
 WETHR 0 WIND DIR/SPD 20/14 SEA DIR/HT 20/1 SWELL DIR/HT 19/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
3	6.98	33.68	26.41
4	6.98	33.68	26.41
5	6.98	33.68	26.41
6	6.98	33.68	26.41
7	6.98	33.68	26.41
8	6.98	33.69	26.41
9	6.99	33.69	26.41
10	6.99	33.68	26.41
11	6.99	33.69	26.41
12	6.99	33.68	26.41
13	6.98	33.68	26.41
14	6.98	33.68	26.41
15	6.98	33.68	26.41
16	6.98	33.68	26.41
17	6.97	33.69	26.41
18	6.97	33.69	26.41
19	6.97	33.69	26.41
20	6.97	33.69	26.41
21	6.98	33.69	26.41
22	6.97	33.69	26.41
23	6.97	33.69	26.41
24	6.97	33.69	26.41
25	6.96	33.69	26.42
26	6.97	33.69	26.41
27	6.97	33.69	26.41
28	6.97	33.69	26.41
29	6.97	33.68	26.41
30	6.96	33.68	26.41
31	6.95	33.68	26.41
32	6.94	33.68	26.41
33	6.93	33.68	26.41
34	6.91	33.69	26.42
35	6.91	33.70	26.43
36	6.91	33.70	26.42
37	6.92	33.71	26.44
38	6.92	33.71	26.44
39	6.94	33.73	26.45
40	6.95	33.72	26.44
41	6.95	33.72	26.44
42	6.97	33.73	26.44
43	6.97	33.72	26.44
44	6.98	33.72	26.44
45	6.97	33.72	26.44
46	6.97	33.72	26.44
47	6.97	33.73	26.44
48	6.97	33.73	26.44
49	6.98	33.73	26.45
50	6.98	33.72	26.44
60	7.31	33.88	26.52
70	9.26	34.65	26.82
78	9.31	34.61	26.78

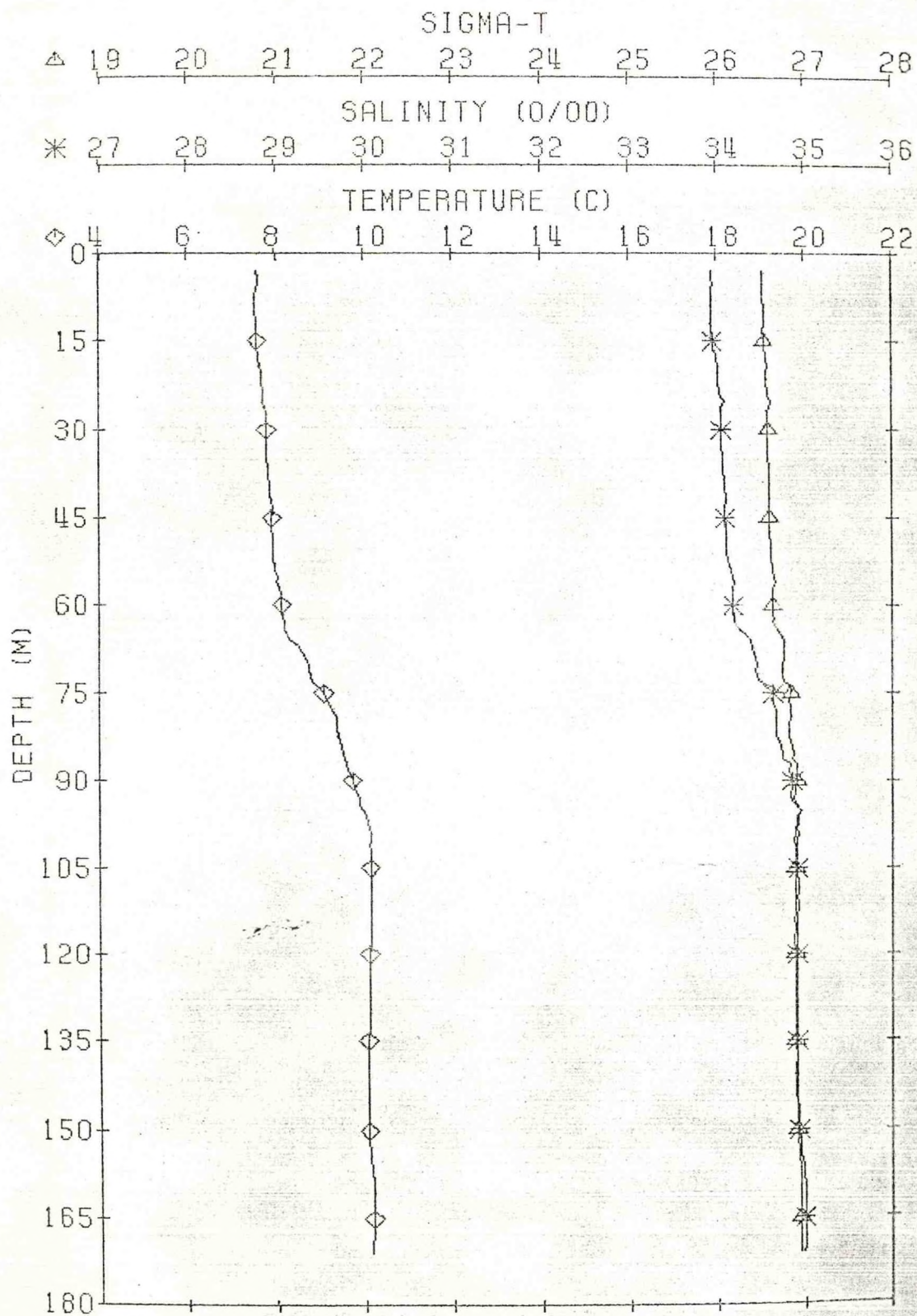
XWCC RESEARCHER CRS. 4 STA. 38 APRIL 11, 1975



RE CRS/STA 04/39 LAT 39 22.0N; LONG 72 26.0W GMT 06.0 04/11/75
 DEPTH 186 AIR D/W 07.0/05.0 RARO 11.2 VIS 7 CLD TYP/CVR X/X
 WETHR 0 WIND DIR/SPD 29/14 SEA DIR/HT 29/1 SWELL DIR/HT 19/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
3	7.58	33.93	26.51
4	7.62	33.94	26.52
5	7.62	33.95	26.52
6	7.58	33.93	26.52
7	7.56	33.93	26.52
8	7.55	33.93	26.52
9	7.55	33.94	26.53
10	7.56	33.94	26.53
11	7.57	33.94	26.53
12	7.57	33.94	26.53
13	7.58	33.94	26.53
14	7.58	33.94	26.53
15	7.59	33.95	26.53
16	7.59	33.96	26.54
17	7.63	33.98	26.55
18	7.63	33.99	26.55
19	7.66	34.01	26.57
20	7.67	34.01	26.56
21	7.70	34.00	26.56
22	7.71	34.01	26.56
23	7.72	34.02	26.57
24	7.73	34.02	26.57
25	7.74	34.07	26.61
26	7.75	34.05	26.59
27	7.78	34.04	26.57
28	7.80	34.05	26.58
29	7.80	34.05	26.58
30	7.80	34.05	26.58
31	7.80	34.05	26.58
32	7.81	34.05	26.58
33	7.81	34.05	26.58
34	7.81	34.05	26.58
35	7.82	34.06	26.58
36	7.82	34.06	26.58
37	7.83	34.07	26.59
38	7.84	34.08	26.60
39	7.87	34.09	26.60
40	7.89	34.09	26.59
41	7.89	34.09	26.60
42	7.92	34.09	26.59
43	7.93	34.09	26.59
44	7.93	34.09	26.59
45	7.93	34.09	26.59
46	7.92	34.09	26.59
47	7.92	34.10	26.60
48	7.93	34.10	26.60
49	7.94	34.10	26.60
50	7.95	34.11	26.60
60	8.14	34.18	26.63
70	8.74	34.44	26.74
80	9.37	34.66	26.81
90	9.71	34.84	26.90
100	10.13	34.90	26.87
110	10.14	34.91	26.88
120	10.10	34.90	26.88
130	10.10	34.90	26.88
140	10.05	34.91	26.89
150	10.06	34.92	26.90
160	10.17	34.99	26.93
170	10.13	34.99	26.94
171	10.11	34.97	26.93

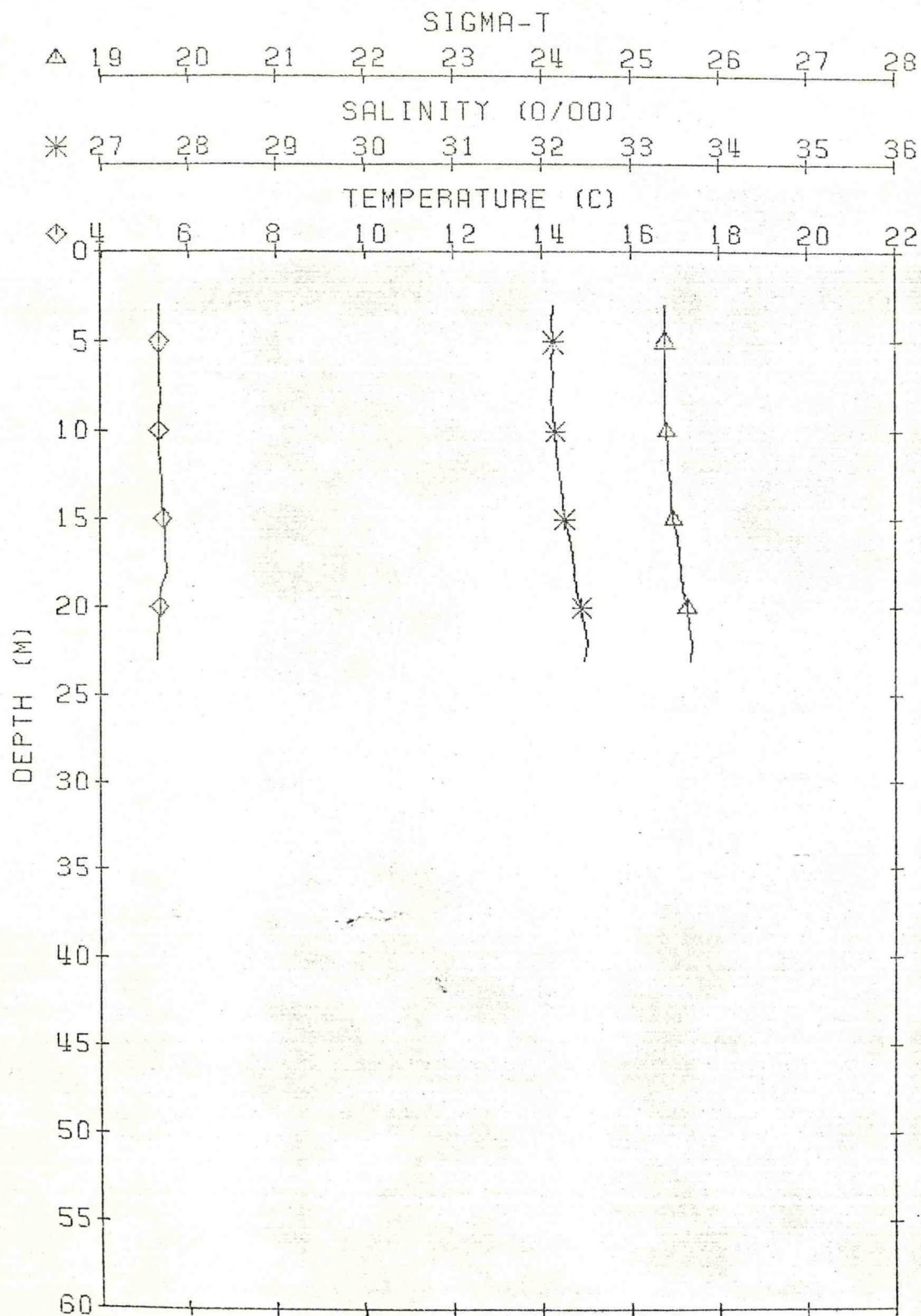
XWCC RESEARCHER CRS. 4 STA. 39 APRIL 11, 1975



RE CRS/STA 04/40 LAT 39 28.0N; LONG 74 6.0W GMT 11.5 04/10/75
DEPTH 021 AIR D/W 05.5/02.5 BARO 15.9 VIS 8 CLD TYP/CVR X/X
WETHR 0 WIND DIR/SPD 36/07 SEA DIR/HT 36/0 SWELL DIR/HT 35/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
3	5.33	32.11	25.38
4	5.32	32.11	25.37
5	5.33	32.11	25.38
6	5.33	32.11	25.37
7	5.34	32.12	25.38
8	5.36	32.11	25.37
9	5.33	32.11	25.37
10	5.34	32.14	25.40
11	5.34	32.16	25.41
12	5.35	32.17	25.42
13	5.38	32.20	25.44
14	5.40	32.22	25.45
15	5.42	32.24	25.47
16	5.48	32.30	25.51
17	5.48	32.34	25.54
18	5.49	32.35	25.55
19	5.37	32.37	25.58
20	5.35	32.43	25.63
21	5.33	32.47	25.65
22	5.31	32.50	25.68
23	5.30	32.47	25.66

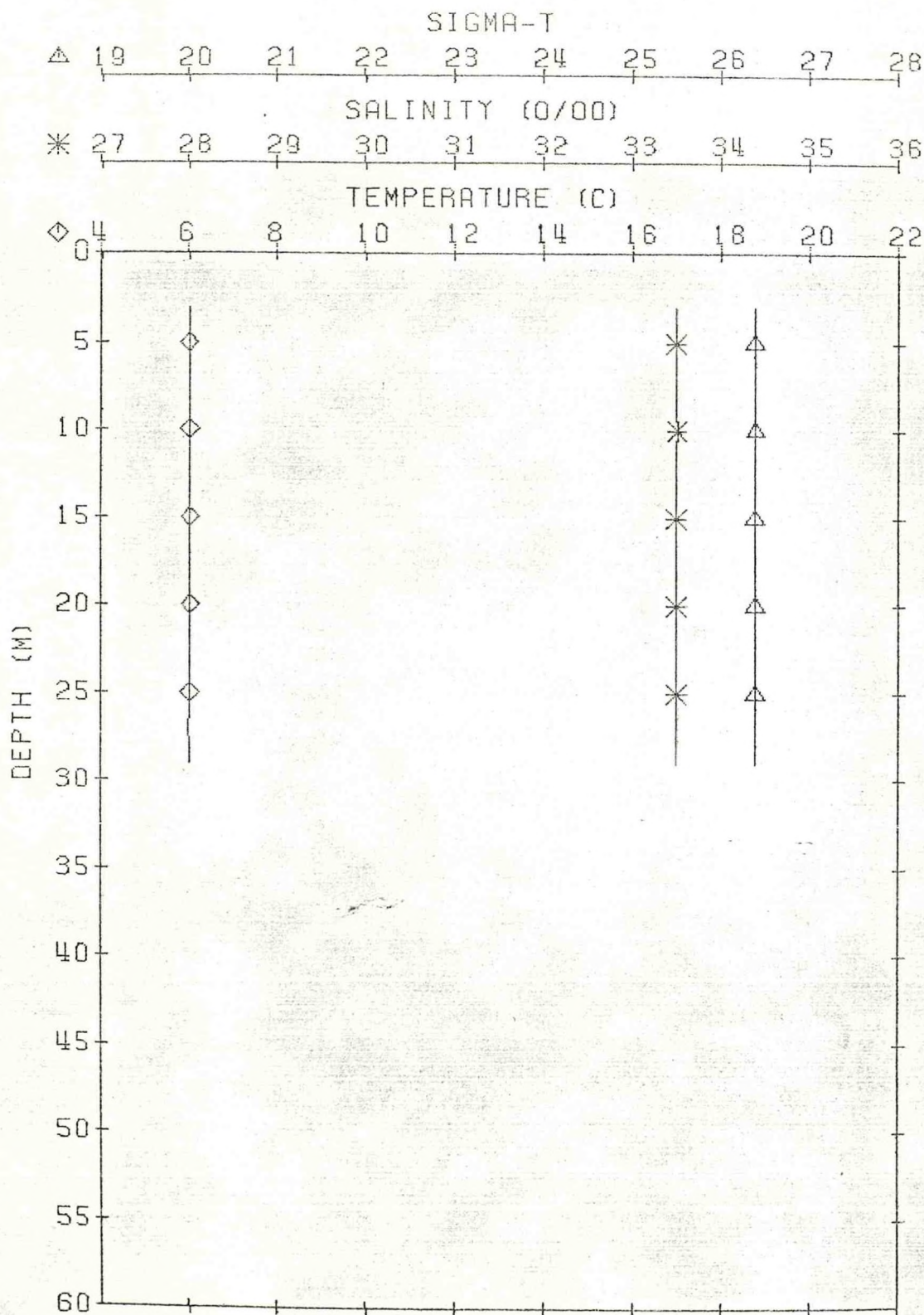
XWCC RESEARCHER CRS. 4 STA. 40 APRIL 10, 1975



RE CRS/STA 04/41 LAT 39 26.0N; LONG 73 55.5W GMT 10.1 04/10/75
DEPTH 026 AIR D/W 04.5/02.5 BARO 15.9 VIS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 04/08 SEA DIR/HT 04/0 SWELL DIR/HT 35/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
3	6.01	33.49	26.38
4	6.00	33.48	26.38
5	6.00	33.48	26.38
6	6.02	33.48	26.38
7	6.02	33.49	26.38
8	6.02	33.49	26.38
9	6.02	33.49	26.38
10	6.02	33.49	26.38
11	6.02	33.49	26.38
12	6.02	33.49	26.38
13	6.02	33.49	26.38
14	6.03	33.49	26.38
15	6.03	33.49	26.38
16	6.03	33.49	26.38
17	6.03	33.49	26.38
18	6.03	33.49	26.38
19	6.03	33.49	26.38
20	6.03	33.49	26.38
21	6.03	33.48	26.37
22	6.03	33.49	26.38
23	6.02	33.49	26.38
24	6.03	33.49	26.38
25	6.03	33.49	26.38
26	6.03	33.49	26.38
27	5.99	33.48	26.38
28	6.01	33.48	26.38
29	6.02	33.48	26.37

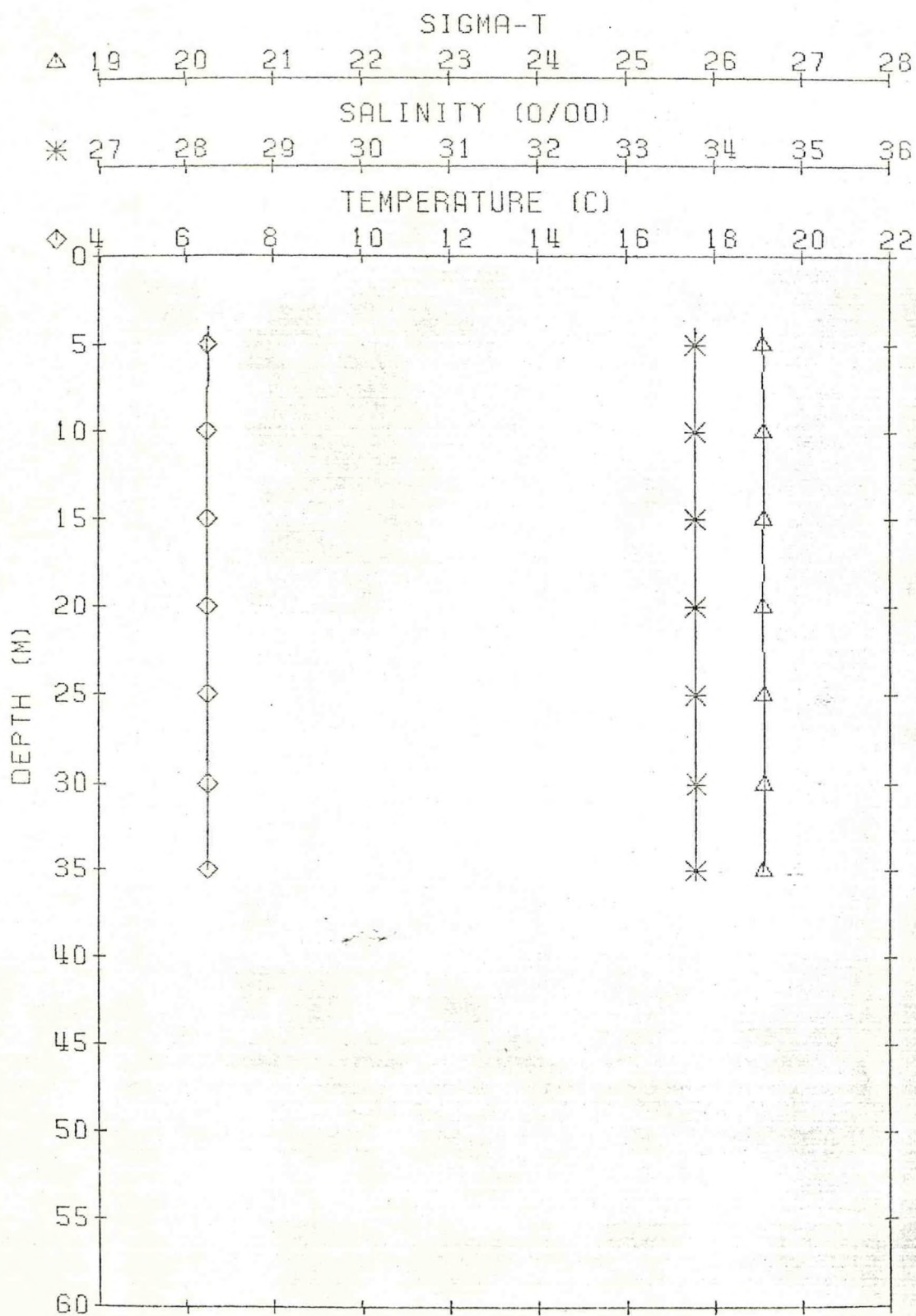
XWCC RESEARCHER CRS. 4 STA. 41 APRIL 10, 1975



RE CRS/STA 04/42 LAT 39 24.0N; LONG 73 43.0W GMT 07.9 04/10/75
DEPTH 035 AIR D/W 05.0/02.1 BARO 16.3 VIS 7 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 03/13 SEA DIR/HT 03/0 SWELL DIR/HT 35/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
4	6.51	33.78	26.54
5	6.51	33.78	26.54
6	6.51	33.78	26.55
7	6.51	33.78	26.54
8	6.49	33.78	26.55
9	6.49	33.78	26.55
10	6.49	33.78	26.55
11	6.49	33.78	26.55
12	6.49	33.78	26.55
13	6.49	33.78	26.55
14	6.49	33.78	26.55
15	6.49	33.78	26.55
16	6.49	33.78	26.55
17	6.49	33.78	26.54
18	6.49	33.78	26.55
19	6.49	33.78	26.55
20	6.49	33.78	26.55
21	6.49	33.78	26.55
22	6.49	33.78	26.55
23	6.49	33.78	26.55
24	6.49	33.78	26.55
25	6.49	33.78	26.55
26	6.49	33.78	26.55
27	6.49	33.78	26.55
28	6.49	33.78	26.55
29	6.50	33.78	26.55
30	6.50	33.78	26.55
31	6.49	33.78	26.55
32	6.49	33.78	26.55
33	6.49	33.78	26.55
34	6.49	33.78	26.55
35	6.49	33.77	26.54

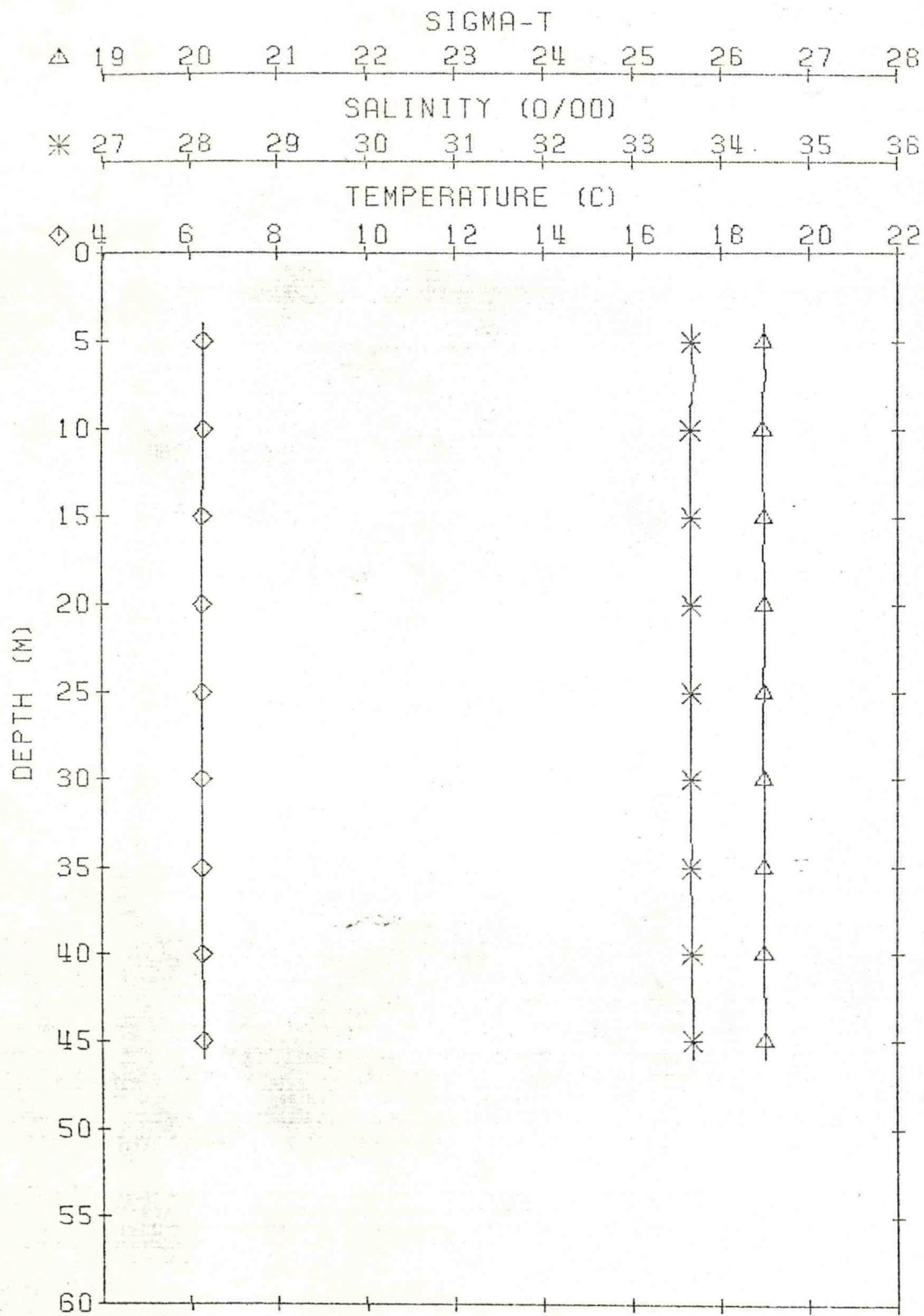
XWCC RESEARCHER CRS. 4 STA. 42 APRIL 10, 1975



RE CRS/STA 04/43 LAT 39 22.0N; LONG 73 30.0W GMT 06.5 04/10/75
DEPTH 050 AIR D/W 05.0/02.5 BARO 15.9 VTS 7 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 35/14 SEA DIR/HT 35/1 SWELL DIR/HT 30/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
4	6.32	33.66	26.47
5	6.31	33.66	26.47
6	6.31	33.66	26.47
7	6.31	33.69	26.50
8	6.32	33.66	26.47
9	6.32	33.65	26.47
10	6.32	33.65	26.47
11	6.31	33.65	26.47
12	6.31	33.65	26.47
13	6.30	33.65	26.47
14	6.29	33.65	26.48
15	6.29	33.65	26.47
16	6.29	33.65	26.47
17	6.29	33.65	26.47
18	6.29	33.65	26.47
19	6.29	33.65	26.47
20	6.29	33.65	26.47
21	6.29	33.65	26.47
22	6.29	33.65	26.47
23	6.29	33.65	26.47
24	6.28	33.65	26.47
25	6.29	33.65	26.47
26	6.28	33.65	26.47
27	6.27	33.65	26.47
28	6.27	33.64	26.47
29	6.27	33.65	26.47
30	6.27	33.65	26.48
31	6.28	33.65	26.47
32	6.27	33.65	26.47
33	6.27	33.65	26.47
34	6.28	33.66	26.48
35	6.28	33.65	26.47
36	6.28	33.65	26.48
37	6.28	33.66	26.48
38	6.28	33.66	26.48
39	6.29	33.66	26.48
40	6.29	33.66	26.48
41	6.29	33.66	26.48
42	6.29	33.67	26.49
43	6.30	33.68	26.49
44	6.29	33.68	26.49
45	6.29	33.68	26.49
46	6.29	33.67	26.49

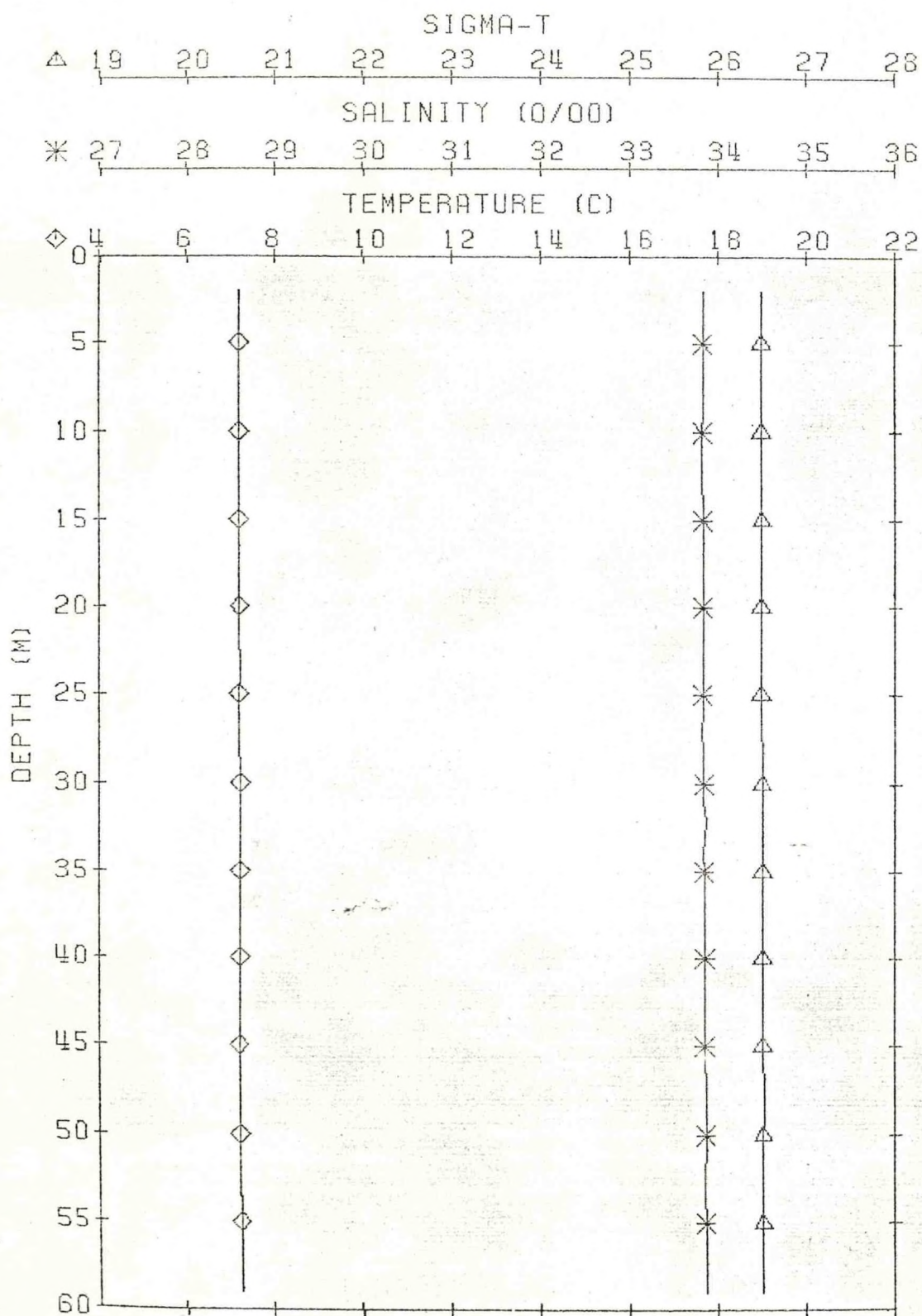
XWCC RESEARCHER CRS. 4 STA. 43 APRIL 10, 1975



RE CRS/STA 04/44 LAT 39.19.0N; LONG 73 14.0W GMT 04.4 04/10/75
DEPTH 064 AIR D/W 07.0/04.2 BARO 15.2 VTS 7 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 36/16 SEA DIR/HT 36/1 SWELL DIR/HT 30/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	7.18	33.82	26.49
3	7.18	33.82	26.49
4	7.18	33.82	26.49
5	7.19	33.82	26.49
6	7.19	33.82	26.49
7	7.18	33.82	26.49
8	7.19	33.82	26.49
9	7.19	33.82	26.48
10	7.18	33.82	26.48
11	7.19	33.82	26.48
12	7.18	33.82	26.48
13	7.18	33.82	26.48
14	7.18	33.82	26.49
15	7.19	33.82	26.49
16	7.19	33.82	26.49
17	7.19	33.82	26.48
18	7.20	33.82	26.48
19	7.19	33.82	26.48
20	7.20	33.82	26.48
21	7.19	33.82	26.49
22	7.19	33.82	26.49
23	7.20	33.82	26.49
24	7.20	33.82	26.48
25	7.19	33.82	26.49
26	7.19	33.82	26.49
27	7.19	33.82	26.48
28	7.20	33.83	26.49
29	7.21	33.83	26.49
30	7.21	33.83	26.49
31	7.21	33.83	26.49
32	7.22	33.86	26.51
33	7.23	33.84	26.50
34	7.23	33.84	26.49
35	7.22	33.84	26.50
36	7.21	33.84	26.50
37	7.21	33.84	26.50
38	7.21	33.84	26.50
39	7.21	33.84	26.50
40	7.22	33.84	26.50
41	7.21	33.84	26.50
42	7.21	33.84	26.50
43	7.21	33.84	26.50
44	7.21	33.84	26.50
45	7.20	33.84	26.50
46	7.21	33.85	26.50
47	7.21	33.86	26.51
48	7.23	33.86	26.51
49	7.23	33.86	26.51
50	7.22	33.86	26.51
59	7.25	33.86	26.51

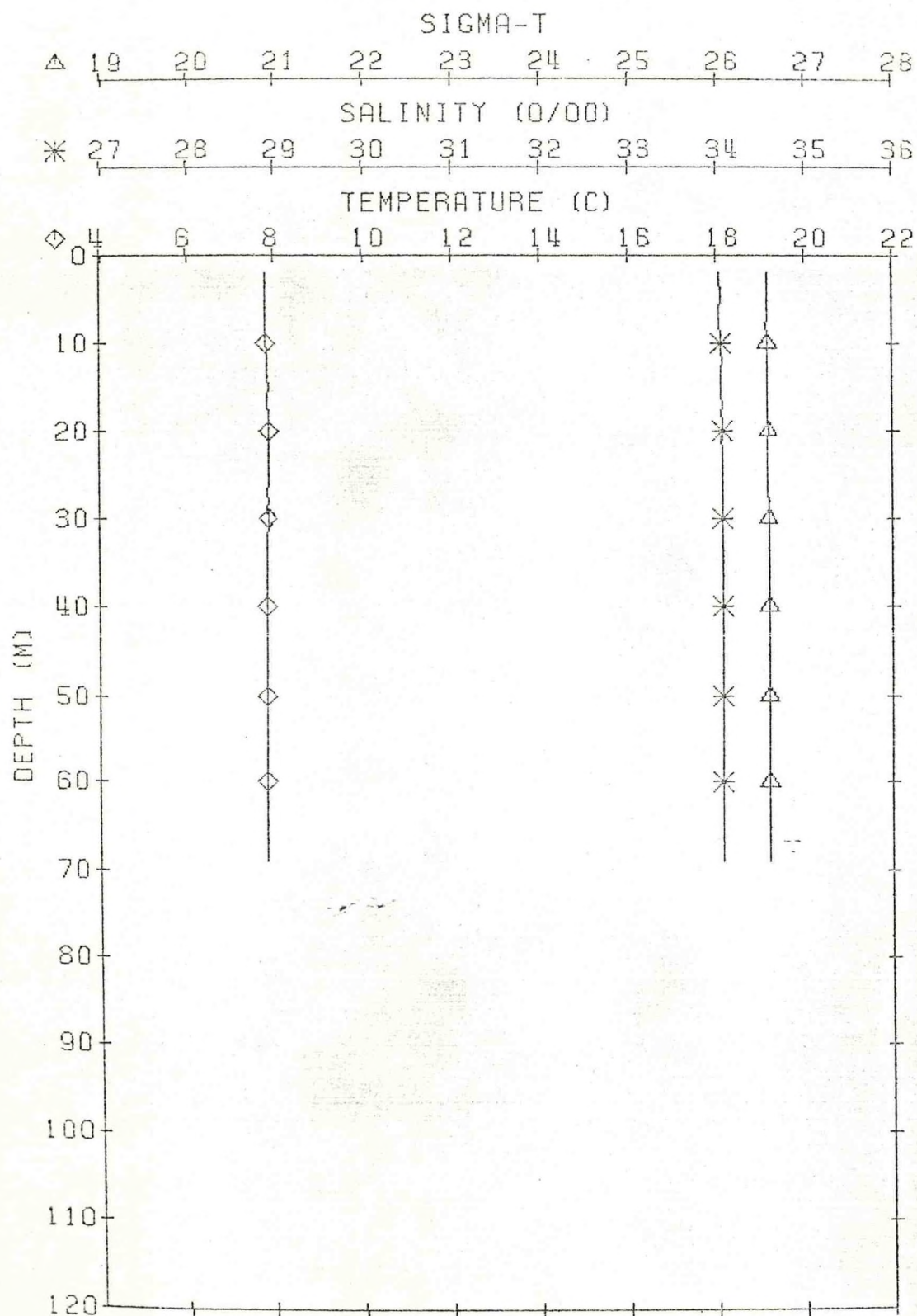
XWCC RESEARCHER CRS. 4 STA. 44 APRIL 10, 1975



RE CRS/STA 04/45 LAT 39.16.6N; LONG 73.4W GMT 02.8 04/10/75
 DEPTH 070 AIR D/W 07.5/04.5 BARO 14.9 VIS 7 CLD TYP/CVR X/4
 WETHR 1 WIND DIR/SPD 35/18 SEA DIR/HT 35/1 SWFL DIR/HT 30/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	7.80	34.04	26.57
3	7.80	34.03	26.57
4	7.80	34.04	26.57
5	7.80	34.04	26.57
6	7.81	34.03	26.57
7	7.80	34.03	26.56
8	7.80	34.03	26.56
9	7.80	34.04	26.57
10	7.81	34.05	26.57
11	7.82	34.04	26.57
12	7.84	34.06	26.58
13	7.85	34.05	26.57
14	7.85	34.05	26.57
15	7.85	34.05	26.57
16	7.85	34.05	26.57
17	7.85	34.06	26.58
18	7.86	34.05	26.57
19	7.86	34.06	26.57
20	7.87	34.07	26.58
21	7.87	34.05	26.57
22	7.88	34.06	26.58
23	7.87	34.06	26.58
24	7.87	34.06	26.58
25	7.86	34.06	26.58
26	7.86	34.06	26.58
27	7.85	34.06	26.58
28	7.86	34.07	26.58
29	7.85	34.07	26.58
30	7.85	34.07	26.58
31	7.85	34.07	26.58
32	7.85	34.07	26.58
33	7.85	34.07	26.59
34	7.85	34.07	26.58
35	7.85	34.07	26.58
36	7.85	34.07	26.59
37	7.85	34.07	26.59
38	7.85	34.07	26.59
39	7.85	34.06	26.58
40	7.84	34.07	26.59
41	7.84	34.07	26.59
42	7.84	34.07	26.59
43	7.84	34.07	26.59
44	7.84	34.06	26.58
45	7.83	34.06	26.58
46	7.84	34.07	26.59
47	7.83	34.07	26.59
48	7.84	34.07	26.59
49	7.83	34.07	26.59
50	7.83	34.07	26.59
60	7.83	34.07	26.59
69	7.84	34.07	26.59

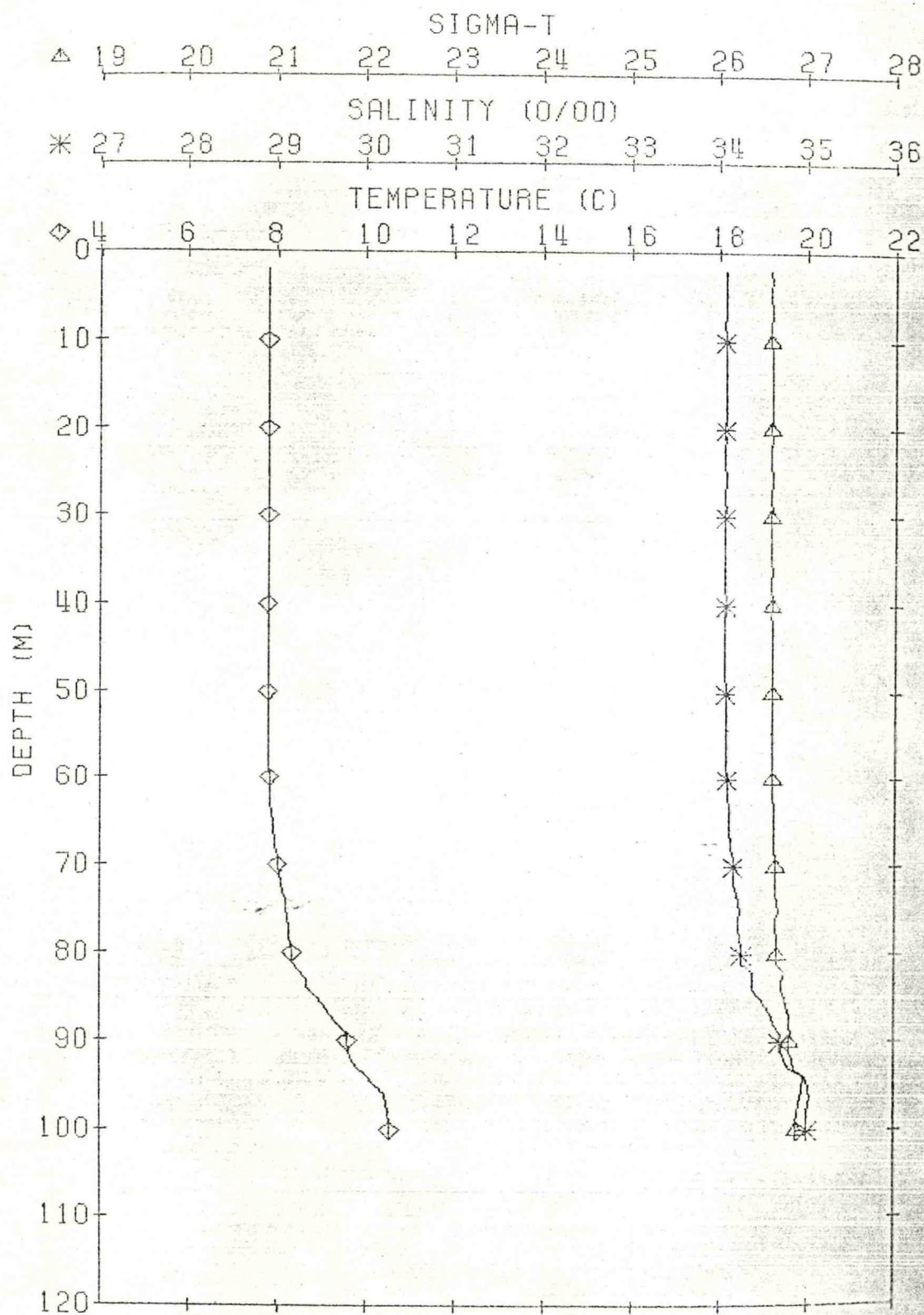
XWCC RESEARCHER CRS. 4 STA. 45 APRIL 10, 1975



RE CRS/STA 04/46 LAT 39 13.7N; LONG 72 45.6W GMT 01.0 04/10/75
 DEPTH 103 AIR D/W 08.0/05.0 BARO 14.6 VTS 7 CLD TYP/CVR X/4
 WETHR 1 WIND DIR/SPD 26/13 SEA DIR/HT 26/1 SWELL DIR/HT 30/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	7.81	34.06	26.58
3	7.81	34.06	26.58
4	7.81	34.06	26.58
5	7.81	34.06	26.58
6	7.81	34.06	26.58
7	7.81	34.06	26.58
8	7.81	34.05	26.58
9	7.81	34.05	26.58
10	7.81	34.06	26.58
11	7.81	34.06	26.58
12	7.81	34.06	26.58
13	7.81	34.06	26.58
14	7.81	34.06	26.58
15	7.80	34.06	26.58
16	7.81	34.06	26.58
17	7.81	34.06	26.58
18	7.81	34.06	26.58
19	7.81	34.06	26.58
20	7.81	34.05	26.58
21	7.80	34.06	26.58
22	7.80	34.05	26.58
23	7.80	34.05	26.58
24	7.80	34.05	26.58
25	7.80	34.05	26.58
26	7.81	34.06	26.58
27	7.81	34.05	26.57
28	7.81	34.05	26.58
29	7.81	34.05	26.58
30	7.81	34.05	26.58
31	7.80	34.05	26.58
32	7.80	34.05	26.58
33	7.80	34.05	26.58
34	7.80	34.05	26.58
35	7.80	34.05	26.58
36	7.80	34.05	26.58
37	7.80	34.05	26.58
38	7.79	34.05	26.58
39	7.79	34.06	26.59
40	7.79	34.06	26.59
41	7.79	34.05	26.58
42	7.79	34.05	26.58
43	7.79	34.05	26.58
44	7.79	34.05	26.58
45	7.79	34.05	26.58
46	7.79	34.05	26.58
47	7.79	34.05	26.58
48	7.79	34.05	26.58
49	7.79	34.06	26.58
50	7.79	34.06	26.59
60	7.83	34.08	26.60
70	8.00	34.15	26.63
80	8.35	34.24	26.65
90	9.58	34.68	26.79
100	10.53	34.99	26.87
101	10.53	34.99	26.87

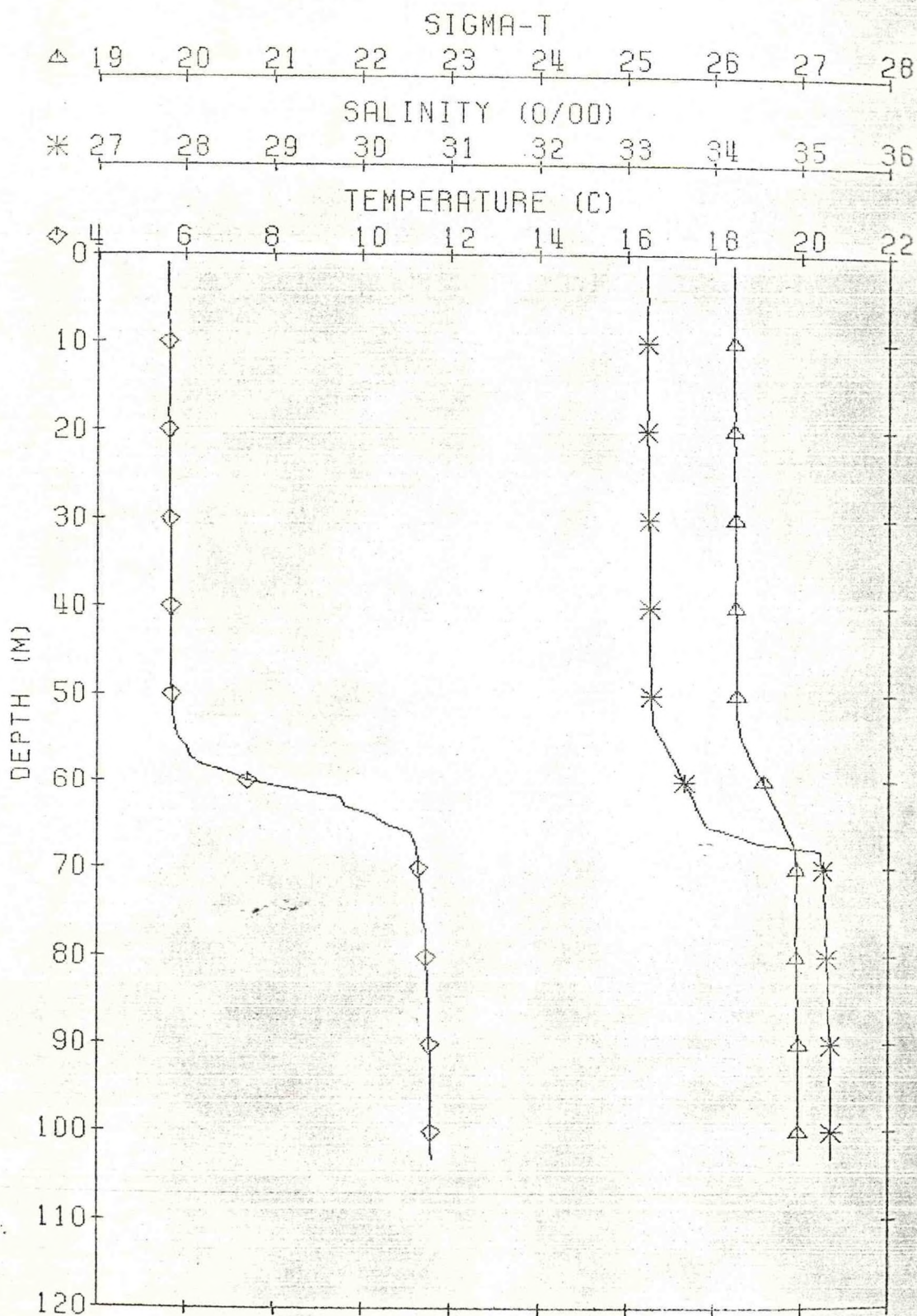
XWCC RESEARCHER CRS. 4 STA. 46 APRIL 10, 1975



RE CRS/STA 04/57 LAT 39 57.0N; LONG 71 52.0W GMT 11.7 04/11/75
 DEPTH 106 AIR D/W 06.8/04.2 BARO 11.9 VTS 7 CLD TYP/CVR X/X
 WETHR 0 WIND DIR/SPD 36/12 SEA DIR/HT 36/1 SWELL DIR/HT 22/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.60	33.21	26.21
2	5.60	33.21	26.21
3	5.60	33.21	26.21
4	5.60	33.21	26.21
5	5.60	33.22	26.22
6	5.61	33.21	26.21
7	5.60	33.21	26.21
8	5.60	33.21	26.21
9	5.61	33.21	26.21
10	5.60	33.22	26.22
11	5.60	33.22	26.22
12	5.60	33.21	26.21
13	5.60	33.21	26.21
14	5.60	33.21	26.21
15	5.60	33.21	26.21
16	5.60	33.21	26.21
17	5.61	33.21	26.21
18	5.60	33.23	26.22
19	5.61	33.21	26.21
20	5.61	33.22	26.22
21	5.61	33.22	26.21
22	5.61	33.22	26.22
23	5.61	33.22	26.22
24	5.62	33.22	26.22
25	5.62	33.22	26.22
26	5.61	33.22	26.22
27	5.62	33.23	26.22
28	5.63	33.23	26.22
29	5.64	33.23	26.22
30	5.63	33.23	26.23
31	5.64	33.24	26.23
32	5.64	33.24	26.23
33	5.64	33.25	26.23
34	5.65	33.25	26.23
35	5.65	33.25	26.24
36	5.64	33.25	26.24
37	5.65	33.25	26.24
38	5.65	33.25	26.23
39	5.65	33.25	26.24
40	5.65	33.25	26.24
41	5.65	33.25	26.24
42	5.65	33.25	26.24
43	5.65	33.25	26.24
44	5.65	33.25	26.24
45	5.66	33.25	26.24
46	5.66	33.25	26.24
47	5.66	33.26	26.24
48	5.66	33.25	26.24
49	5.66	33.26	26.24
50	5.68	33.27	26.25
60	7.41	33.65	26.55
70	11.26	35.24	26.93
80	11.44	35.28	26.93
90	11.52	35.33	26.95
100	11.56	35.33	26.95
103	11.56	35.33	26.95

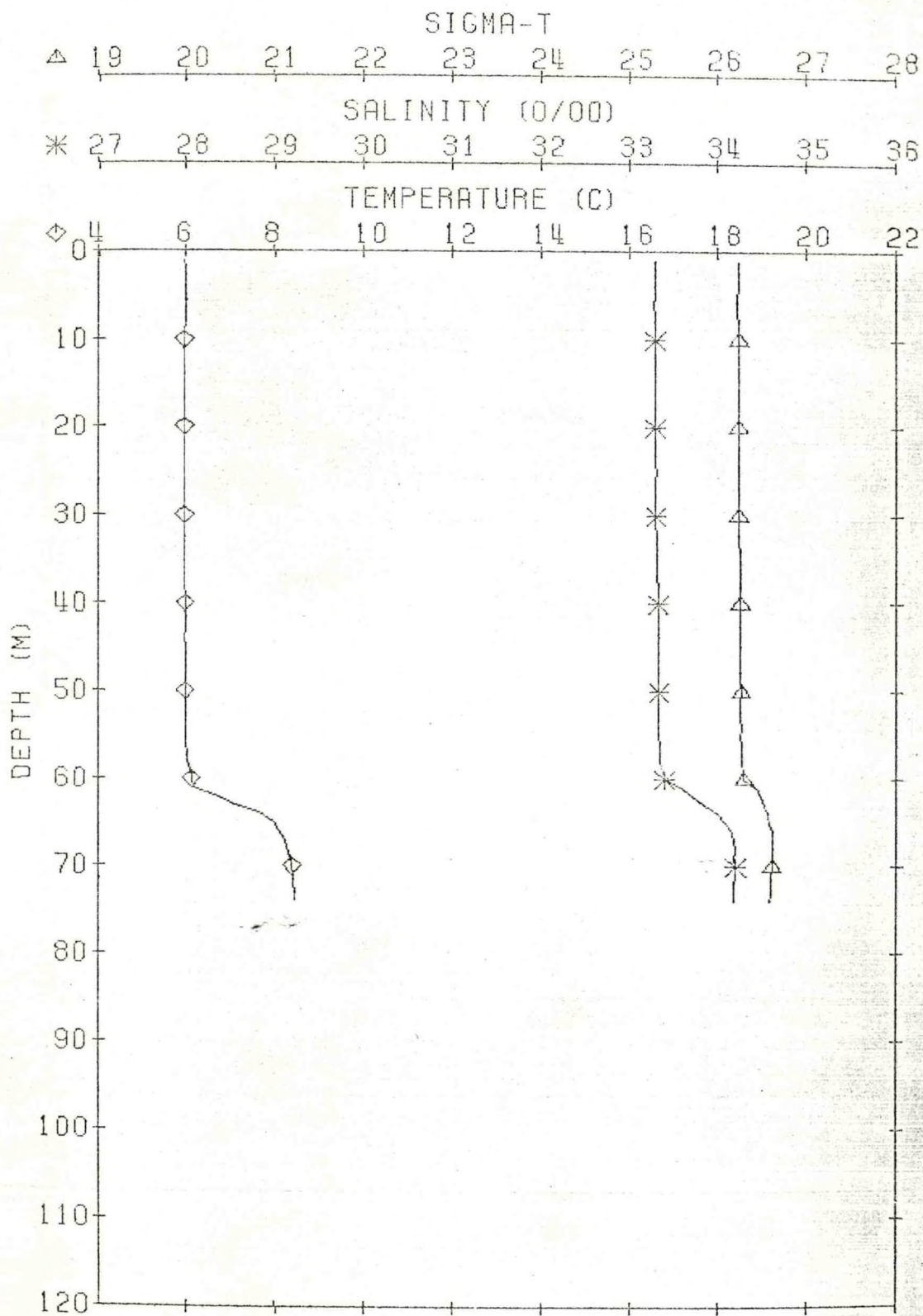
XWCC RESEARCHER CRS. 4 STA. 57 APRIL 11, 1975



RE CRS/STA 04/58 LAT 40 8.0N; LONG 71 58.0W GMT 13.4 04/11/75
 DEPTH 075 AIR D/W 08.0/04.5 BARO 11.9 VIS 7 CLD TYP/CVR X/X
 WETHR 0 WIND DIR/SPD 03/13 SEA DIR/HT 03/1 SWELL DIR/HT 22/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.95	33.28	26.22
2	5.97	33.28	26.22
3	5.97	33.28	26.22
4	5.97	33.29	26.23
5	5.98	33.28	26.22
6	5.98	33.27	26.21
7	5.97	33.28	26.22
8	5.97	33.28	26.22
9	5.95	33.28	26.22
10	5.94	33.28	26.22
11	5.95	33.28	26.22
12	5.94	33.28	26.22
13	5.94	33.28	26.22
14	5.94	33.28	26.22
15	5.95	33.28	26.22
16	5.94	33.28	26.22
17	5.94	33.28	26.23
18	5.94	33.28	26.22
19	5.94	33.28	26.23
20	5.94	33.28	26.23
21	5.93	33.28	26.23
22	5.94	33.28	26.23
23	5.94	33.28	26.23
24	5.94	33.28	26.23
25	5.94	33.29	26.24
26	5.94	33.29	26.23
27	5.94	33.29	26.23
28	5.94	33.29	26.23
29	5.94	33.29	26.23
30	5.94	33.29	26.23
31	5.94	33.29	26.23
32	5.94	33.29	26.23
33	5.95	33.30	26.24
34	5.95	33.30	26.24
35	5.95	33.30	26.24
36	5.95	33.31	26.24
37	5.95	33.31	26.24
38	5.96	33.31	26.25
39	5.97	33.32	26.25
40	5.97	33.31	26.25
41	5.97	33.31	26.25
42	5.97	33.32	26.25
43	5.97	33.32	26.25
44	5.96	33.32	26.25
45	5.97	33.32	26.25
46	5.97	33.32	26.25
47	5.97	33.32	26.25
48	5.97	33.32	26.25
49	5.97	33.32	26.25
50	5.97	33.33	26.25
60	6.11	33.39	26.29
70	8.39	34.19	26.60
74	8.45	34.17	26.58

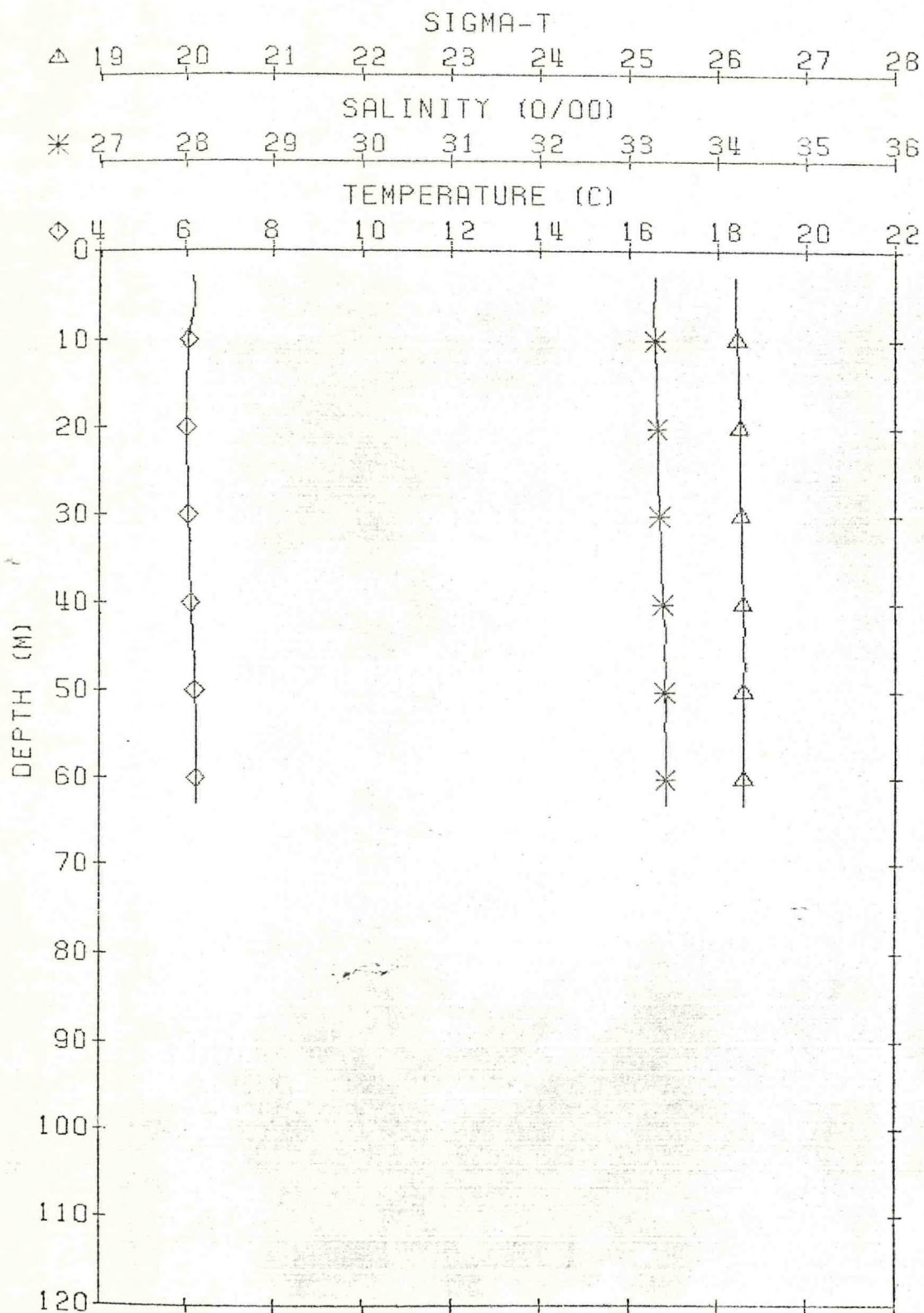
XWCC RESEARCHER CRS. 4 STA. 58 APRIL 11, 1975



RE CRS/STA 04/59 LAT 40.18.0N; LONG 72 4.0W GMT 17.5 04/11/75
 DEPTH 065 AIR D/W 05.0/02.0 BARO 11.9 VIS 7 CLD TYP/CVR X/4
 WETHR 1 WIND DIR/SPD 00/00 SEA DIR/HT 99/1 SWFL DIR/HT 34/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
3	6.18	33.29	25.20
4	6.22	33.29	25.20
5	6.20	33.28	25.19
6	6.21	33.27	25.18
7	6.15	33.26	25.18
8	6.13	33.27	25.19
9	6.11	33.28	25.20
10	6.07	33.29	25.21
11	6.05	33.29	25.22
12	6.04	33.29	25.22
13	6.04	33.29	25.22
14	6.03	33.30	25.23
15	6.02	33.30	25.23
16	6.02	33.30	25.23
17	6.01	33.31	25.24
18	6.02	33.31	25.24
19	6.02	33.31	25.24
20	6.02	33.31	25.24
21	6.03	33.31	25.24
22	6.03	33.32	25.24
23	6.04	33.32	25.24
24	6.03	33.32	25.24
25	6.05	33.32	25.25
26	6.05	33.32	25.24
27	6.05	33.33	25.25
28	6.06	33.33	25.25
29	6.06	33.34	25.25
30	6.06	33.34	25.26
31	6.07	33.35	25.26
32	6.09	33.35	25.27
33	6.08	33.35	25.26
34	6.10	33.36	25.27
35	6.10	33.36	25.27
36	6.11	33.36	25.27
37	6.10	33.36	25.27
38	6.12	33.37	25.27
39	6.12	33.37	25.28
40	6.12	33.37	25.27
41	6.12	33.38	25.28
42	6.12	33.39	25.29
43	6.15	33.41	25.30
44	6.17	33.40	25.29
45	6.18	33.40	25.29
46	6.19	33.39	25.28
47	6.20	33.41	25.29
48	6.20	33.40	25.29
49	6.20	33.40	25.28
50	6.21	33.39	25.28
60	6.22	33.40	25.29
63	6.22	33.40	25.28

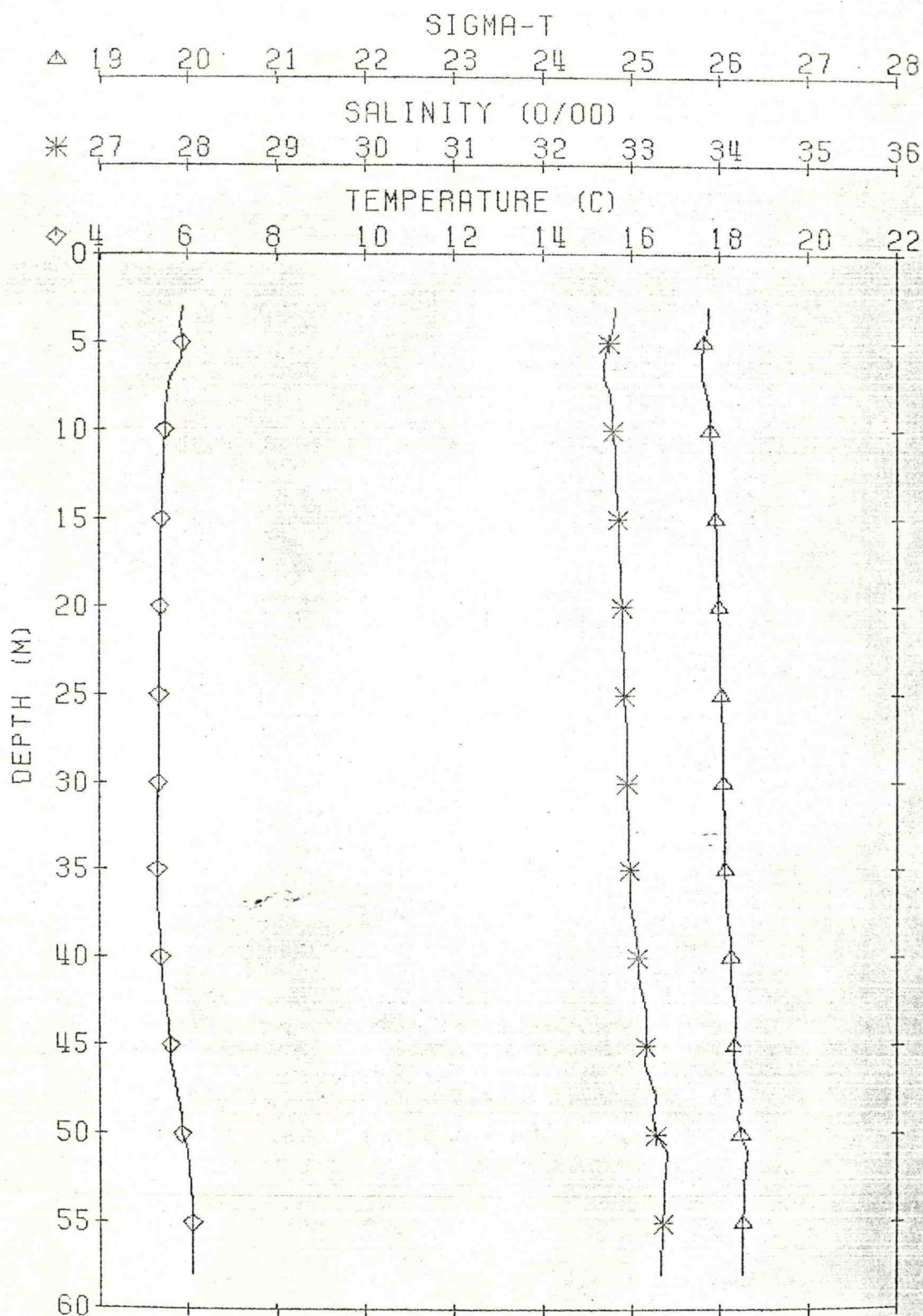
XWCC RESEARCHER CRS. 4 STA. 59 APRIL 11, 1975



RE CRS/STA 04/60 LAT 40 27.0N; LONG 72 9.0W GMT 18.8 04/11/75
 DEPTH 060 AIR D/W 07.0/03.0 BARO 11.9 VTS 8 CLD TYP/CVR X/4
 WETHR 1 WIND DIR/SPD 00/00 SEA DIR/HT 99/1 SWELL DIR/HT 34/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
3	5.85	32.80	25.85
4	5.79	32.80	25.85
5	5.86	32.73	25.80
6	5.85	32.69	25.80
7	5.60	32.69	25.80
8	5.52	32.75	25.85
9	5.47	32.77	25.88
10	5.46	32.78	25.89
11	5.43	32.80	25.91
12	5.42	32.81	25.92
13	5.42	32.82	25.92
14	5.40	32.82	25.93
15	5.39	32.84	25.94
16	5.38	32.85	25.95
17	5.38	32.85	25.96
18	5.37	32.86	25.96
19	5.36	32.87	25.97
20	5.35	32.88	25.98
21	5.35	32.88	25.98
22	5.35	32.89	25.99
23	5.34	32.89	25.99
24	5.33	32.90	26.00
25	5.33	32.91	26.00
26	5.33	32.92	26.00
27	5.33	32.94	26.03
28	5.33	32.94	26.03
29	5.33	32.94	26.03
30	5.33	32.94	26.03
31	5.33	32.94	26.04
32	5.33	32.95	26.04
33	5.33	32.95	26.04
34	5.33	32.95	26.04
35	5.33	32.97	26.05
36	5.33	32.97	26.06
37	5.33	32.98	26.06
38	5.33	33.02	26.09
39	5.33	33.05	26.12
40	5.33	33.06	26.12
41	5.40	33.06	26.12
42	5.43	33.10	26.14
43	5.51	33.16	26.18
44	5.53	33.15	26.17
45	5.60	33.15	26.16
46	5.59	33.14	26.15
47	5.71	33.22	26.20
48	5.75	33.27	26.24
49	5.88	33.22	26.19
50	5.85	33.26	26.22
58	5.41	33.32	26.24

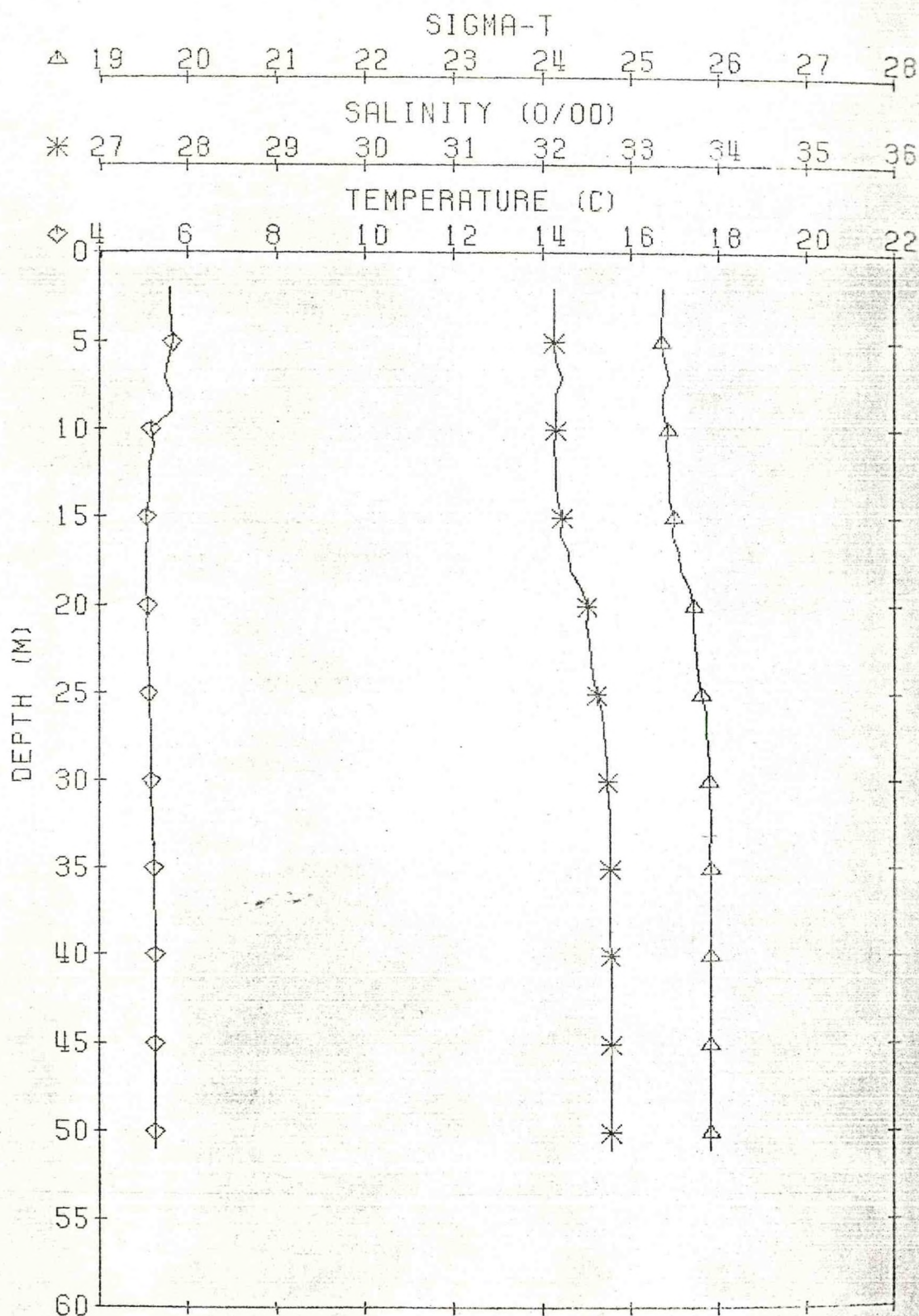
XWCC RESEARCHER CRS. 4 STA. 60 APRIL 11, 1975



RE CRS/STA 04/61 LAT 40 33.0N; LONG 72 13.0W GMT 19.9 04/11/75
 DEPTH 053 AIR D/W 07.3/03.5 BARO 11.9 VIS 8 CLD TYP/CVR X/4
 WETHR 1 WIND DIR/SPD 22/10 SEA DIR/HT 22/0 SWELL DIR/HT 22/0

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	5.58	32.11	25.35
3	5.58	32.12	25.35
4	5.63	32.11	25.34
5	5.64	32.12	25.34
6	5.54	32.13	25.37
7	5.47	32.20	25.43
8	5.62	32.13	25.36
9	5.62	32.13	25.35
10	5.14	32.14	25.42
11	5.23	32.12	25.39
12	5.12	32.14	25.42
13	5.12	32.14	25.42
14	5.12	32.15	25.43
15	5.05	32.21	25.48
16	5.07	32.19	25.47
17	5.05	32.28	25.54
18	5.05	32.30	25.56
19	5.05	32.44	25.66
20	5.06	32.49	25.71
21	5.05	32.49	25.70
22	5.07	32.52	25.72
23	5.08	32.54	25.74
24	5.09	32.56	25.76
25	5.09	32.60	25.79
26	5.12	32.67	25.84
27	5.13	32.68	25.85
28	5.14	32.70	25.86
29	5.15	32.72	25.88
30	5.16	32.73	25.88
31	5.16	32.73	25.88
32	5.18	32.75	25.89
33	5.20	32.75	25.89
34	5.21	32.75	25.89
35	5.22	32.76	25.90
36	5.23	32.76	25.90
37	5.24	32.76	25.90
38	5.24	32.76	25.90
39	5.24	32.76	25.90
40	5.25	32.76	25.90
41	5.25	32.77	25.90
42	5.25	32.77	25.90
43	5.25	32.77	25.90
44	5.25	32.77	25.90
45	5.25	32.77	25.90
46	5.25	32.77	25.90
47	5.25	32.77	25.90
48	5.25	32.77	25.90
49	5.25	32.77	25.91
50	5.25	32.77	25.91
51	5.25	32.77	25.91

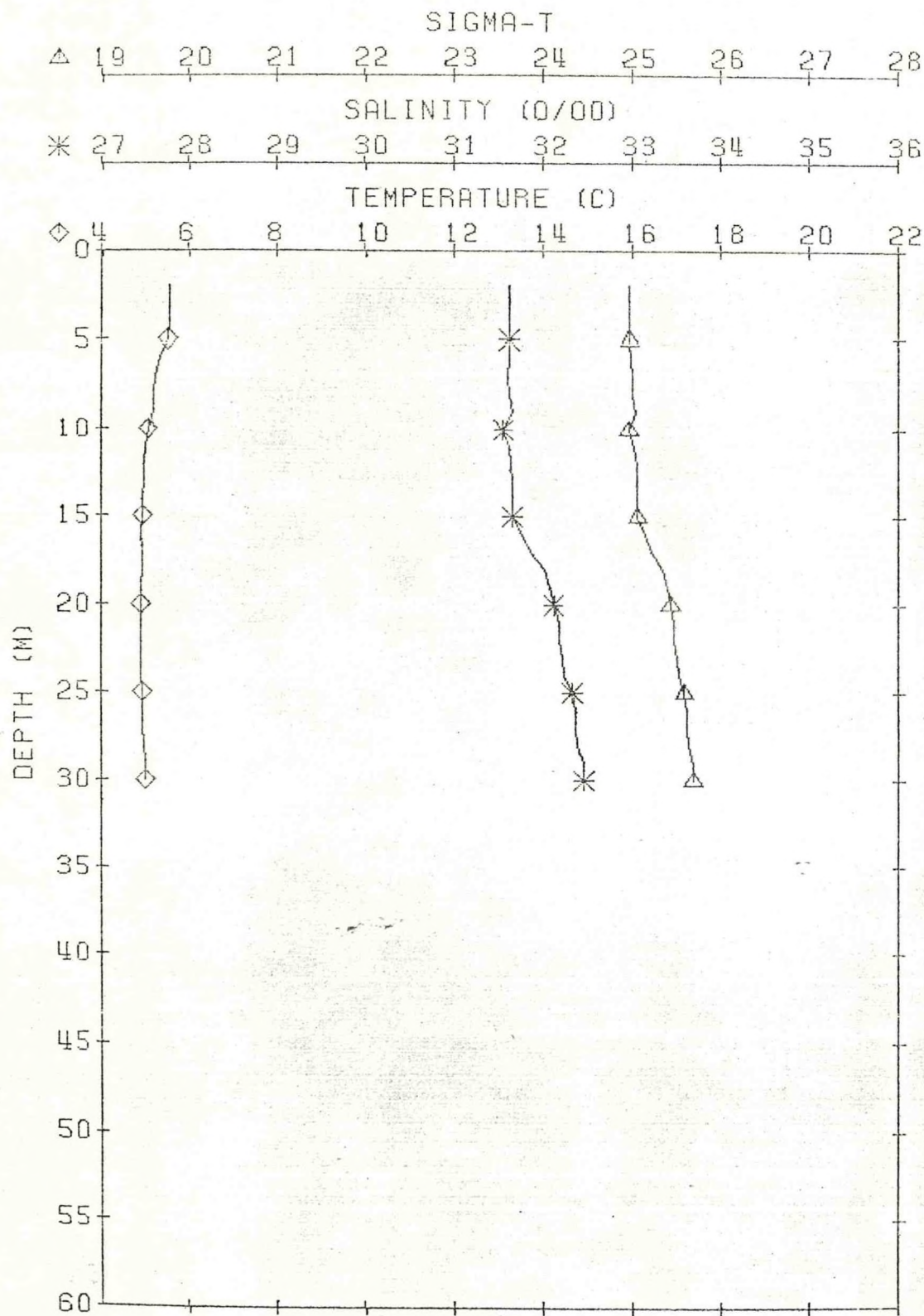
XWCC RESEARCHER CRS. 4 STA. 61 APRIL 11, 1975



RE CRS/STA 04/62 LAT 40 40.7N; LONG 72 16.6W GMT 21.1 04/11/75
DEPTH 031 AIR D/W 08.0/04.0 BARO 11.2 VIS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 22/10 SEA DIR/HT 22/0 SWELL DIR/HT 22/0

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	5.56	31.61	24.96
3	5.54	31.61	24.96
4	5.54	31.61	24.96
5	5.50	31.61	24.96
6	5.31	31.61	24.98
7	5.21	31.60	24.98
8	5.18	31.60	24.99
9	5.17	31.64	25.02
10	5.06	31.55	24.96
11	4.99	31.60	25.01
12	4.95	31.63	25.04
13	4.95	31.64	25.04
14	4.93	31.64	25.05
15	4.93	31.65	25.05
16	4.91	31.75	25.13
17	4.92	31.85	25.21
18	4.91	32.00	25.34
19	4.89	32.06	25.38
20	4.89	32.11	25.42
21	4.89	32.17	25.47
22	4.89	32.17	25.47
23	4.89	32.20	25.50
24	4.89	32.23	25.51
25	4.92	32.31	25.58
26	4.91	32.35	25.61
27	4.94	32.36	25.62
28	4.96	32.38	25.63
29	5.00	32.45	25.68
30	5.00	32.45	25.68

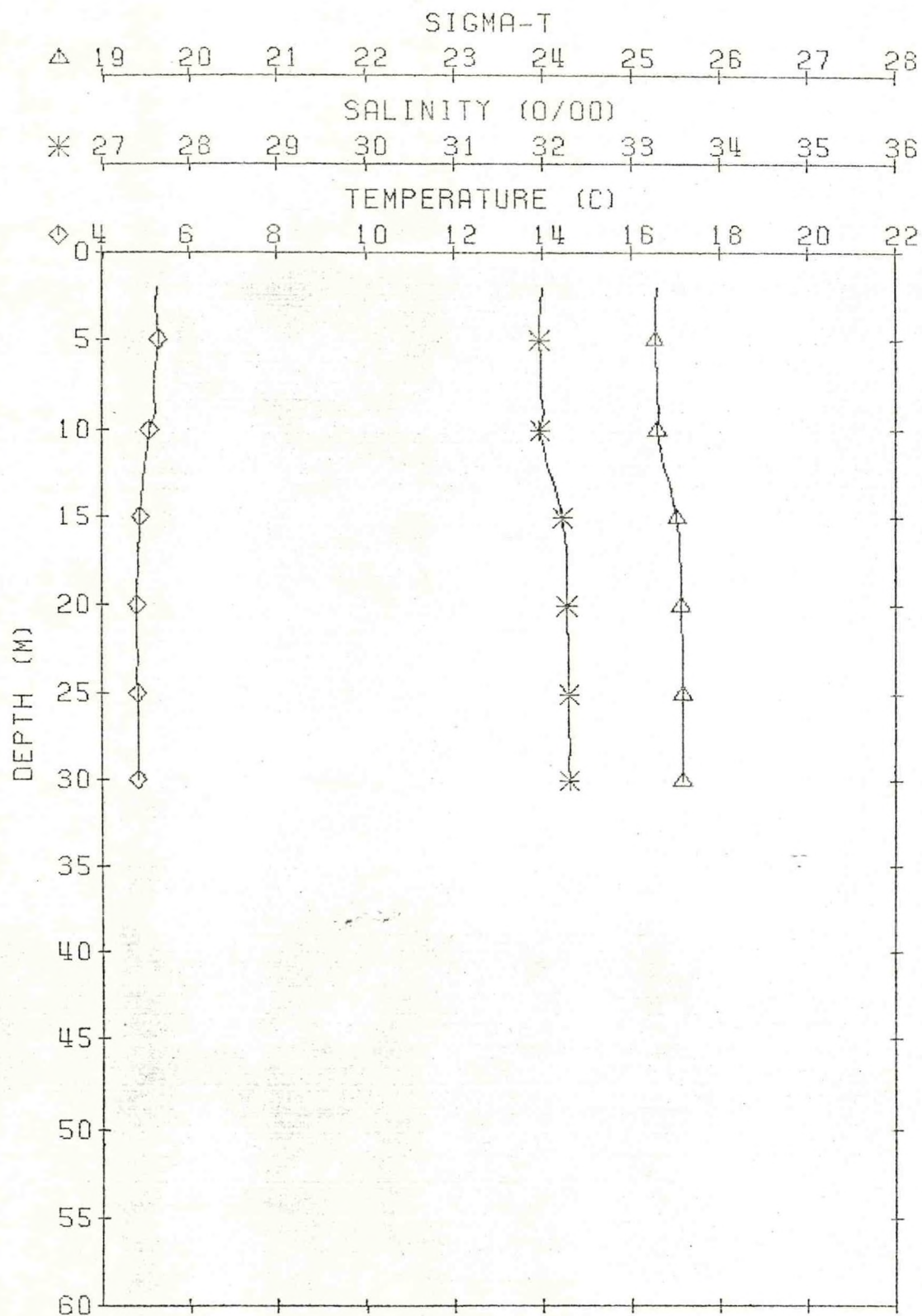
XWCC RESEARCHER CRS. 4 STA. 62 APRIL 11, 1975



RE CRS/STA 04/63 LAT 40 40.0N; LONG 72 20.0W GMT 22.1 04/11/75
DEPTH 031 AIR D/W 05.9/03.5 BARO 11.2 VIS 8 CLD TYP/CVR X/4
WETHR 1 WIND DIR/SPD 21/14 SEA DIR/HT 21/0 SWELL DIR/HT 22/0

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	5.24	31.98	25.28
3	5.23	31.97	25.27
4	5.25	31.96	25.27
5	5.28	31.95	25.26
6	5.26	31.97	25.27
7	5.19	31.97	25.28
8	5.19	31.97	25.28
9	5.20	32.00	25.30
10	5.08	31.96	25.29
11	5.03	32.00	25.32
12	4.98	32.04	25.36
13	4.94	32.12	25.42
14	4.91	32.16	25.46
15	4.87	32.22	25.51
16	4.84	32.24	25.53
17	4.83	32.26	25.55
18	4.81	32.26	25.55
19	4.80	32.26	25.55
20	4.79	32.27	25.56
21	4.79	32.27	25.56
22	4.79	32.28	25.57
23	4.80	32.29	25.57
24	4.80	32.29	25.57
25	4.80	32.29	25.57
26	4.80	32.29	25.57
27	4.80	32.29	25.57
28	4.80	32.29	25.58
29	4.80	32.29	25.57
30	4.80	32.29	25.58

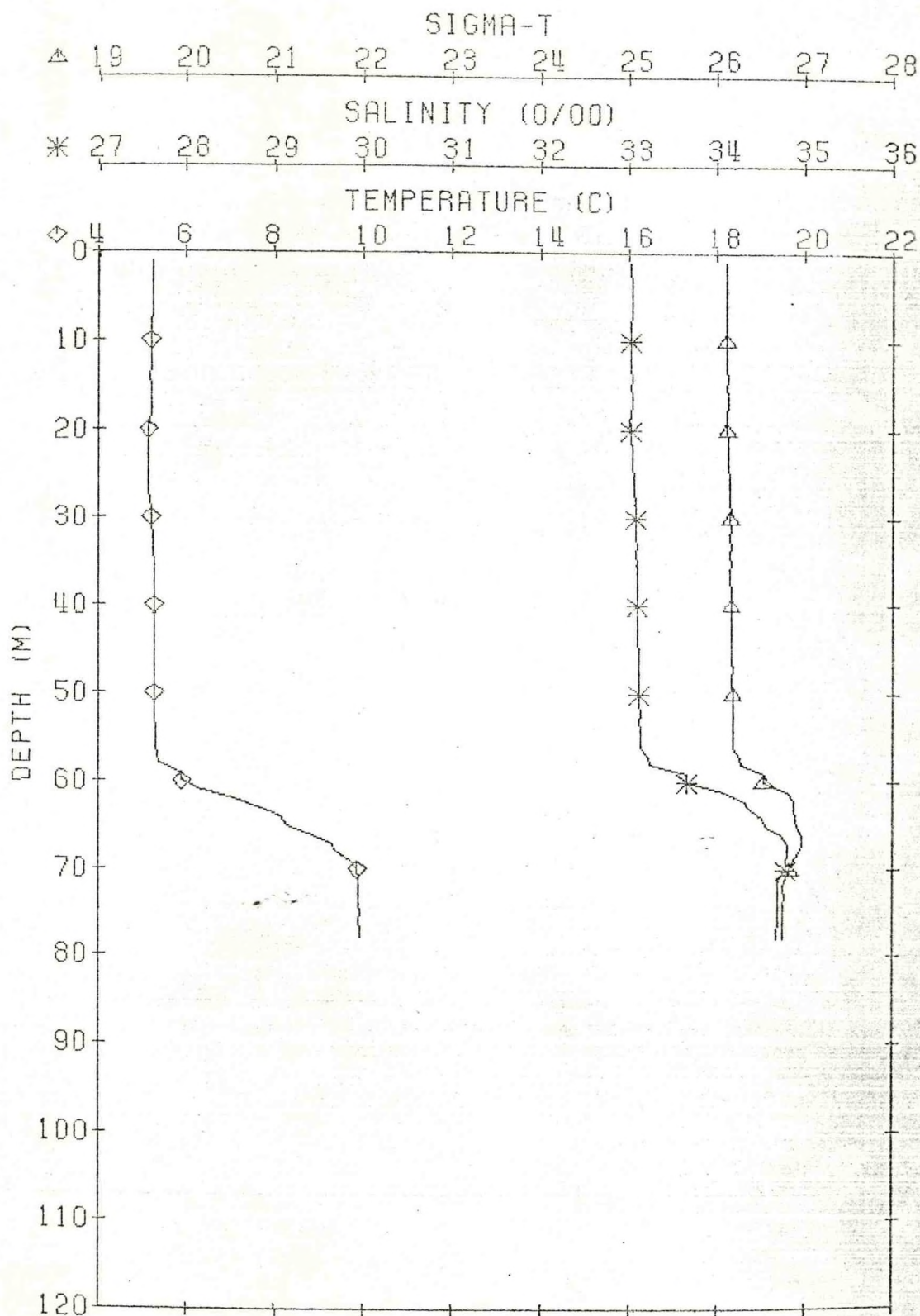
XWCC RESEARCHER CRS. 4 STA. 63 APRIL 11, 1975



RE CRS/STA 04/71 LAT 40 18.0N; LONG 71 41.0W GMT 15.4 04/11/75
 DEPTH 077 AIR D/W 06.0/03.0 BARO 11.9 VTS 7 CLD TYP/CVR X/X
 WETHR 0 WIND DIR/SPD 36/13 SEA DIR/HT 36/1 SWELL DIR/HT 22/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
1	5.21	33.02	26.10
2	5.22	33.02	26.10
3	5.21	33.02	26.11
4	5.22	33.02	26.11
5	5.23	33.02	26.11
6	5.23	33.02	26.11
7	5.20	33.02	26.11
8	5.20	33.01	26.10
9	5.17	33.00	26.09
10	5.18	33.01	26.10
11	5.18	33.02	26.11
12	5.17	33.01	26.11
13	5.16	33.01	26.11
14	5.16	33.02	26.11
15	5.17	33.01	26.11
16	5.17	33.02	26.11
17	5.16	33.02	26.11
18	5.17	33.02	26.11
19	5.14	33.00	26.10
20	5.12	33.01	26.11
21	5.10	33.02	26.12
22	5.10	33.02	26.12
23	5.09	33.03	26.13
24	5.10	33.03	26.13
25	5.10	33.04	26.13
26	5.10	33.04	26.14
27	5.13	33.05	26.14
28	5.14	33.06	26.15
29	5.16	33.06	26.15
30	5.18	33.06	26.14
31	5.19	33.07	26.15
32	5.21	33.06	26.14
33	5.22	33.07	26.15
34	5.22	33.07	26.14
35	5.24	33.09	26.15
36	5.26	33.08	26.15
37	5.26	33.08	26.14
38	5.27	33.08	26.15
39	5.27	33.08	26.15
40	5.26	33.08	26.15
41	5.26	33.08	26.15
42	5.26	33.08	26.15
43	5.25	33.09	26.15
44	5.25	33.09	26.16
45	5.24	33.09	26.16
46	5.24	33.09	26.16
47	5.24	33.10	26.16
48	5.24	33.10	26.16
49	5.25	33.10	26.16
50	5.25	33.10	26.17
60	5.89	33.65	26.52
70	5.85	34.77	26.82
78	5.90	34.67	26.73

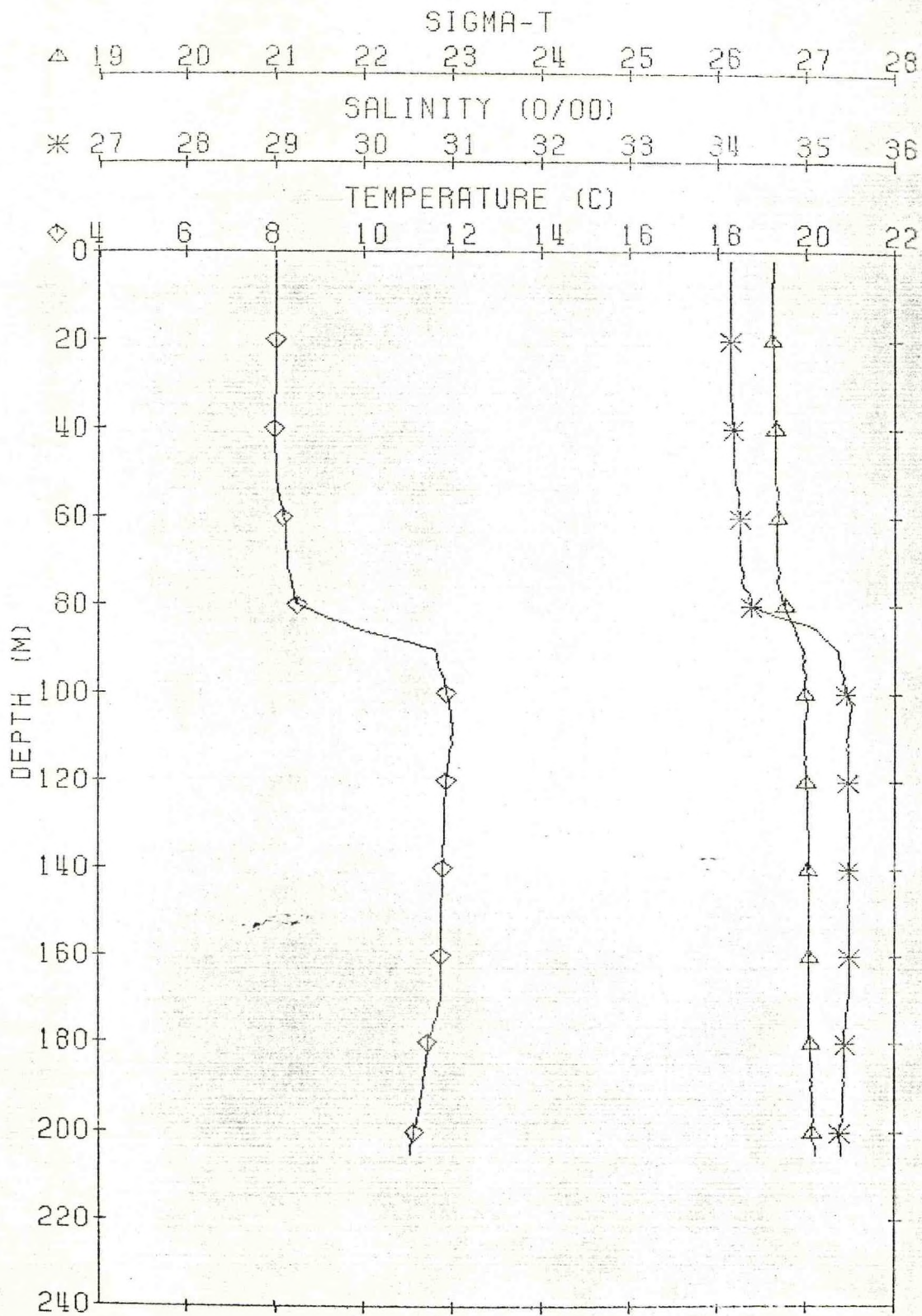
XWCC RESEARCHER CRS. 4 STA. 71 APRIL 11, 1975



RE CRS/STA 04/75 LAT 39 11.1N; LONG 72 25.5W GMT 22.4 04/09/75
 DEPTH 666 AIR D/W 07.0/04.0 BARO 14.2 VTS 7 CLD TYP/CVR X/4
 WTHR 1 WIND DIR/SPD 30/14 SEA DIR/HT 30/1 SWELL DIR/HT 30/2

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	8.01	34.14	26.62
3	8.01	34.14	26.62
4	8.01	34.14	26.62
5	8.01	34.14	26.62
6	8.01	34.14	26.62
7	8.01	34.14	26.62
8	8.01	34.14	26.62
9	8.01	34.14	26.62
10	8.02	34.14	26.62
11	8.02	34.14	26.62
12	8.02	34.14	26.62
13	8.02	34.14	26.62
14	8.01	34.14	26.62
15	8.02	34.14	26.62
16	8.02	34.14	26.62
17	8.01	34.14	26.62
18	8.01	34.14	26.62
19	8.01	34.14	26.62
20	8.01	34.14	26.62
21	8.01	34.14	26.62
22	8.01	34.14	26.62
23	8.01	34.14	26.62
24	8.02	34.14	26.62
25	8.01	34.14	26.62
26	8.01	34.14	26.62
27	8.01	34.14	26.62
28	8.01	34.14	26.62
29	8.01	34.14	26.62
30	8.01	34.14	26.62
31	8.01	34.14	26.62
32	8.00	34.14	26.62
33	8.00	34.15	26.62
34	8.00	34.15	26.62
35	7.99	34.15	26.63
36	7.99	34.15	26.63
37	7.99	34.15	26.63
38	7.98	34.16	26.64
39	7.98	34.17	26.64
40	7.98	34.17	26.64
41	7.98	34.17	26.65
42	7.99	34.17	26.65
43	7.99	34.18	26.65
44	7.99	34.18	26.65
45	7.99	34.18	26.65
46	8.00	34.18	26.65
47	8.01	34.18	26.65
48	8.01	34.18	26.65
49	8.02	34.18	26.65
50	8.02	34.19	26.65
60	8.18	34.25	26.68
70	8.26	34.24	26.66
80	8.50	34.37	26.75
90	11.58	35.36	26.97
100	11.83	35.44	26.98
110	11.94	35.44	26.96
120	11.84	35.46	27.00
130	11.79	35.48	27.02
140	11.77	35.47	27.02
150	11.73	35.47	27.03
160	11.73	35.48	27.03
170	11.72	35.47	27.03
180	11.42	35.43	27.05
190	11.33	35.41	27.05
200	11.12	35.37	27.06
205	11.02	35.39	27.09

XWCC RESEARCHER CRS. 4 STA. 75 APRIL 9, 1975



RE CRS/STA 04/76 LAT 39 41.0N; LONG 71 41.0W GMT 09.4 04/11/75
 DEPTH 877 AIR D/W 06.0/04.8 BARO 10.5 VIS 7 CLD TYP/CVR X/X
 WETHR 0 WIND DIR/SPD 36/10 SEA DIR/HT 36/0 SWELL DIR/HT 22/1

DEPTH	TEMPERATURE	SALINITY	SIGMA-T
2	6.49	33.49	26.32
3	6.49	33.49	26.32
4	6.49	33.49	26.32
5	6.49	33.49	26.32
6	6.49	33.49	26.32
7	6.49	33.49	26.32
8	6.49	33.49	26.32
9	6.49	33.49	26.32
10	6.49	33.49	26.32
11	6.49	33.49	26.32
12	6.49	33.49	26.32
13	6.49	33.49	26.32
14	6.50	33.49	26.32
15	6.50	33.49	26.32
16	6.49	33.50	26.32
17	6.50	33.49	26.32
18	6.50	33.49	26.32
19	6.49	33.49	26.32
20	6.49	33.49	26.32
21	6.50	33.49	26.32
22	6.50	33.49	26.32
23	6.50	33.49	26.32
24	6.49	33.49	26.32
25	6.49	33.49	26.32
26	6.49	33.49	26.32
27	6.49	33.49	26.32
28	6.49	33.49	26.32
29	6.48	33.49	26.32
30	6.47	33.49	26.32
31	6.47	33.49	26.32
32	6.47	33.49	26.32
33	6.47	33.49	26.32
34	6.47	33.49	26.32
35	6.47	33.48	26.32
36	6.46	33.48	26.32
37	6.46	33.48	26.31
38	6.45	33.48	26.32
39	6.44	33.49	26.32
40	6.43	33.48	26.32
41	6.43	33.49	26.32
42	6.43	33.47	26.31
43	6.41	33.48	26.32
44	6.41	33.48	26.32
45	6.41	33.49	26.32
46	6.41	33.49	26.32
47	6.40	33.49	26.32
48	6.41	33.49	26.32
49	6.41	33.49	26.32
50	6.40	33.49	26.32
60	6.60	33.63	26.44
70	7.88	34.38	26.61
80	10.60	35.18	26.81
90	11.67	35.39	26.97
100	11.78	35.37	26.91
110	11.89	35.39	26.93
120	11.86	35.39	26.93
130	11.85	35.39	26.94
140	11.87	35.44	26.97
150	11.87	35.44	26.97
160	11.84	35.43	26.97
170	11.75	35.44	26.99
180	11.67	35.41	26.99
190	11.54	35.42	27.02
200	11.35	35.40	27.04
204	11.06	35.39	27.09

XWCC RESEARCHER CRS. 4 STA. 76 APRIL 11, 1975

