

Temperature, Salinity and Dissolved Oxygen Data  
for the Penobscot River Estuary, Maine, 1963-1977

edited by

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## Introduction

The Penobscot River is the largest river in Maine. It has a length of over 300 miles and a water shed of 8500 square miles. The last dam on the river before it enters Penobscot Bay and the Gulf of Maine is in Bangor-Brewer (Fig. 1). The Penobscot River estuary then, includes that length of river from this dam to Penobscot Bay.

Regular hydrographic surveys of the estuary were begun in 1963 by the Maine Cooperative Fishery Research Unit and the University of Maine. The station locations are shown in Figure 1. These cruises continued to 1977. On most cruises, surface to bottom profiles were made for temperature, salinity and dissolved oxygen. The methods and summary of results of the surveys from 1963 to 1965 are given in Haefner (1967). Usually temperature and salinity were measured with an Industrial Instrument salinometer, although early in the project the salinities were titrated following the method of Strickland and Parsons (1960). Dissolved oxygen was determined by the sodium azide modification of the Winkler method (American Public Health Assoc., 1960) early in the program but were subsequently determined with an oxygen electrode. When the electrode was used, oxygen values were determined at 1-m intervals.

This document presents data from these cruises in tables and as vertical section plots. Only those data which were considered synoptic are included here.

## References

- American Public Health Association. 1960. Standard methods for the examination of water and waste water including bottom sediments and sludges. Am. Publ. Health Assoc., Inc. New York, 626 p.

Haefner, P.A., Jr. 1967. Hydrography of the Penobscot River (Maine) estuary. J. Fish. Res. Bd. Canada 24(7): 1553-1571.

Strickland, J.D.H. and T.R. Parsons. 1960. A manual of seawater analysis. Bull. Fish. Res. Bd. Canada, No. 125. 185 p.

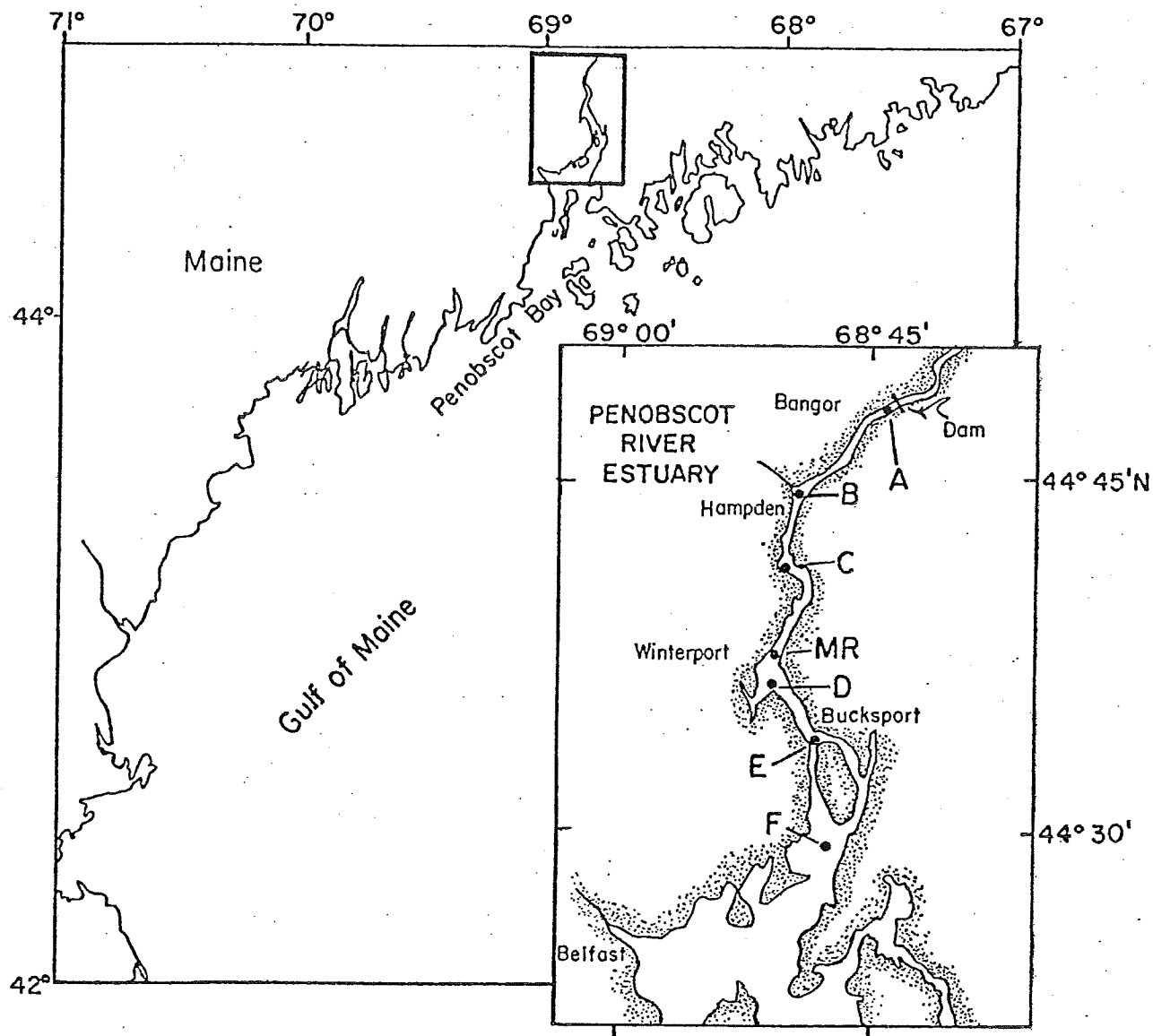


Figure 1. Locations of hydrographic sampling stations in the Penobscot River estuary, Maine.

5 August 1963 B  
 6 August 1963 C,D  
 7 August 1963 E  
 Date: 8 August 1963 A

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	27.9	0	7.5	22.9	3.64	0.0	21.4	8.24	<1.0	17.7	22.03	1.0	16.1	24.24	4.5
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	22.3	-	-	20.4	9.58	<1.0	13.0	-	-	13.7	-	-
3	24.1	0	6.0	22.2	-	-	20.1	-	-	12.9	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	24.2	0	-	21.9	4.27	2.2	19.8	11.55	<1.0	12.7	19.68	1.0	13.3	26.00	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7
7	24.0	0	-	21.8	-	-	19.7	-	-	12.7	-	-	-	-	-
8	24.0	0	-	21.3	-	-	-	-	-	12.6	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	23.9	0	-	20.9	8.49	0.0	19.5	-	-	12.4	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	20.4	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

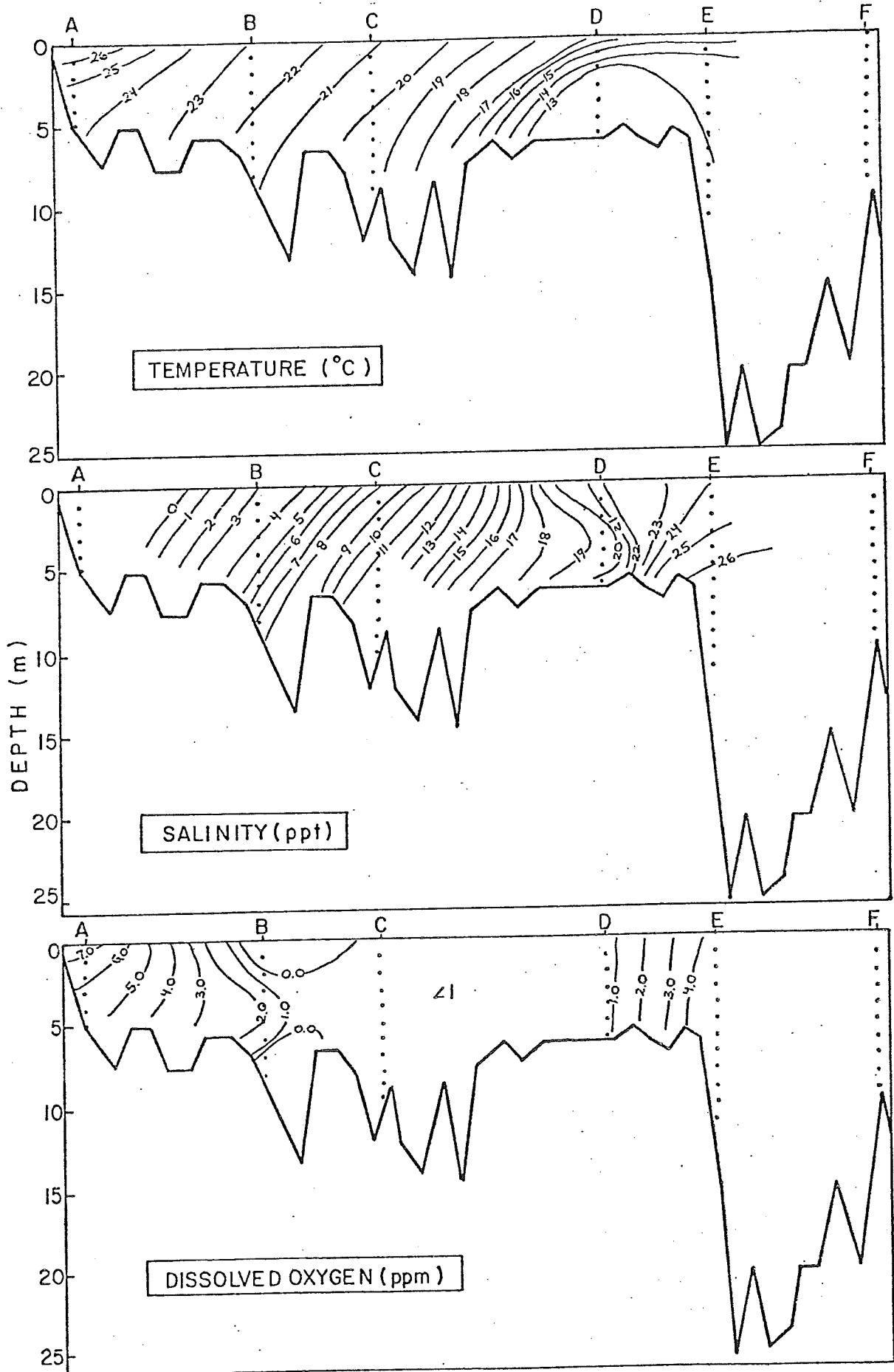
Time 1245

1200

0845

1145

1130

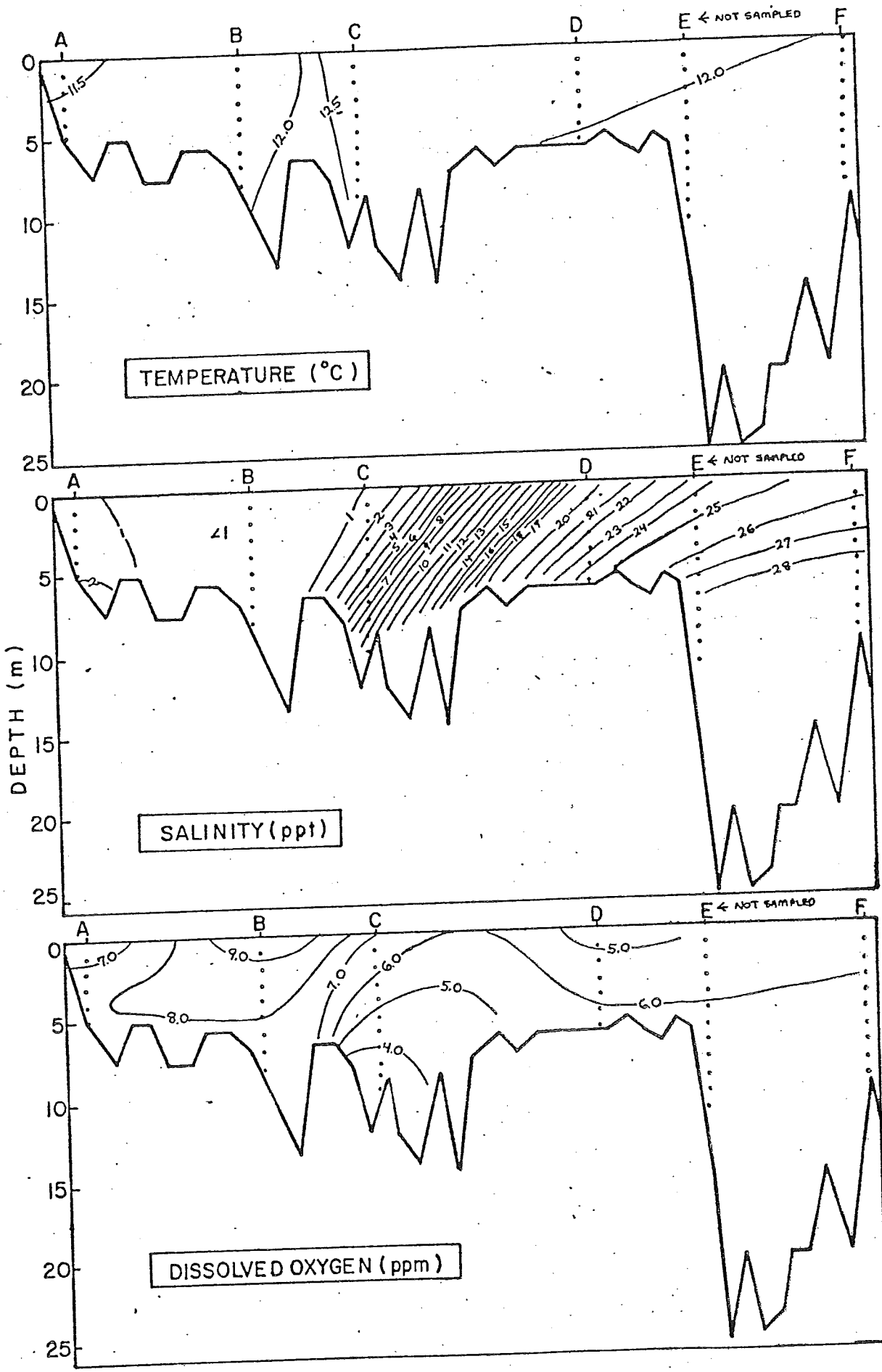


2 October 1963 A, B, + C  
 3 October 1963 D  
 Date: 11 October 1963 F

Station- Depth (m)	A			B			C			D			E			F		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	11.5	1.28	7.0	12.0	0.28	9.0	12.9	1.28	7.0	12.4	19.44	5.0	not sampled	not	12.0	25.60	5.8	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	11.4	1.60	8.0	12.0	0.24	8.8	12.7	3.76	-	12.1	23.60	6.0	-	-	11.7	28.68	6.1	
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	11.4	2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.7	28.68	-	
10	-	-	-	-	-	-	12.6	9.52	3.8	12.0	25.60	-	-	-	-	-	-	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	12.0	0.28	-	-	-	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Time: 0920 1100 1113 0910 1030

2,3,11 October 1963





25 June 1964 A, B, + C  
 Date: 26 June 1964 D

Station- Depth (m)	A				B				C				D				E				F			
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	23.3	0.08	6.4	23.0	1.32	1.6	21.4	5.00	1.4	17.5	13.70	2.9	17.5	13.70	2.9	17.5	13.70	2.9	14.2	24.20	7.4	14.2	24.20	7.4
1	23.2	0.08	-	23.0	1.68	-	21.1	4.84	-	13.0	14.10	-	13.0	14.10	-	13.0	14.10	-	12.0	26.40	-	12.0	26.40	-
2	23.2	0.08	3.4	23.0	1.84	-	21.2	4.96	-	16.4	14.70	-	16.4	14.70	-	16.4	14.70	-	11.2	26.80	-	11.2	26.80	-
3	23.2	0.08	-	21.7	2.68	-	20.1	6.84	-	16.0	15.60	-	16.0	15.60	-	16.0	15.60	-	10.7	27.64	-	10.7	27.64	-
4	23.2	0.08	-	21.2	3.04	-	19.0	8.36	-	15.7	14.28	-	15.7	14.28	-	15.7	14.28	-	10.7	27.80	-	10.7	27.80	-
5	23.2	0.08	-	20.8	4.44	-	18.4	9.60	-	14.2	19.90	-	14.2	19.90	-	14.2	19.90	-	9.9	28.92	-	9.9	28.92	-
6	23.2	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	23.1	0.16	6.2	-	-	-	-	-	-	14.2	20.20	4.0	14.2	20.20	4.0	14.2	20.20	4.0	8.2	30.76	9.2	8.2	30.76	9.2
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	20.2	6.00	0.4	16.9	13.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	16.6	13.32	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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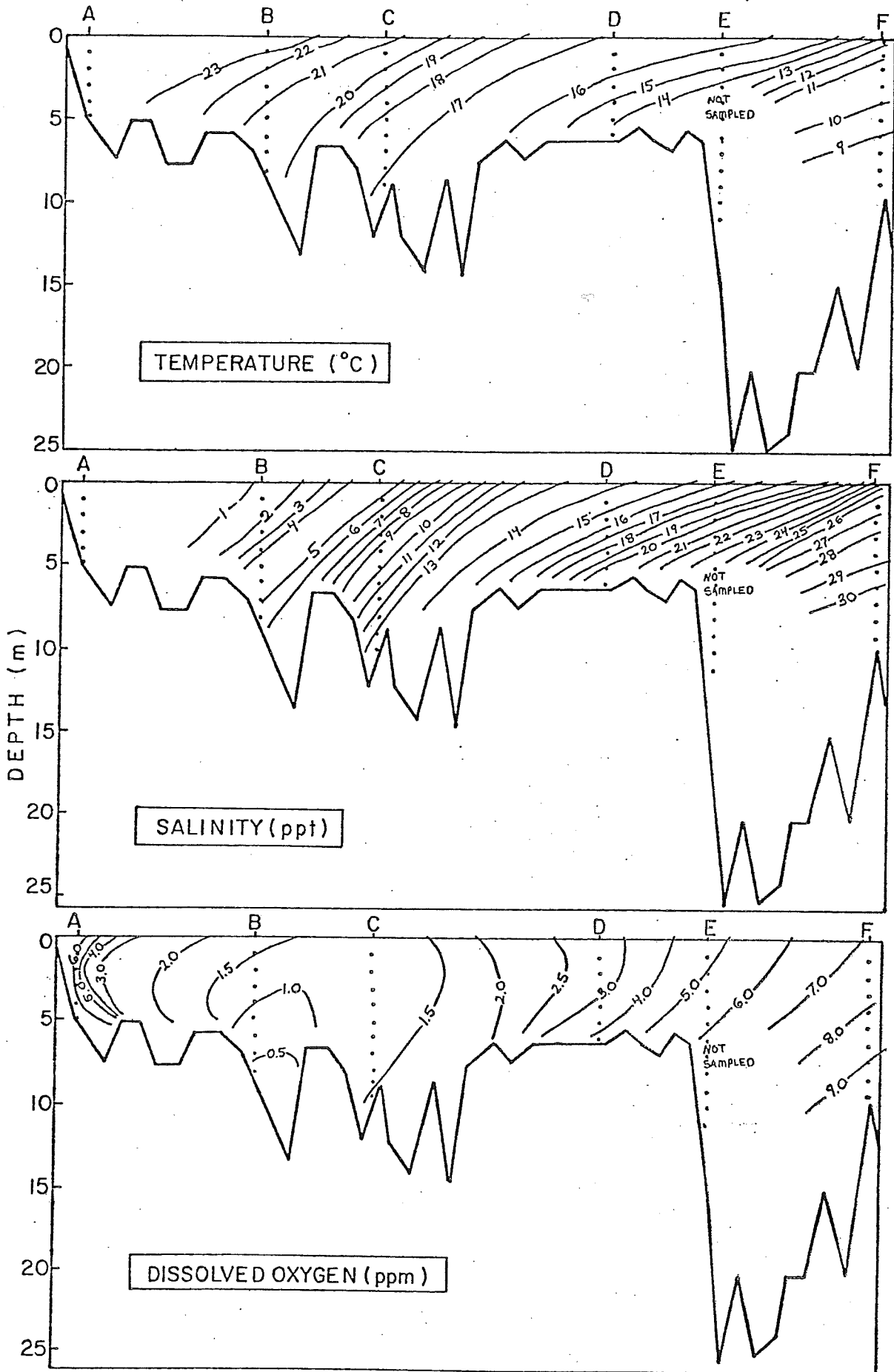
Time: 0940

1055

1300

0945

1055



28 July 1964 A,B  
 Date: 29 July 1964 C,D,E

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	25.4	0	5.6	24.4	0.80	1.2	22.7	3.80	0.8	18.6	15.60	2.6	17.6	16.44	2.9
1	25.2	0	-	23.9	1.22	-	22.4	4.40	-	17.9	15.60	-	17.0	17.00	-
2	25.0	0	-	23.8	1.36	-	22.3	5.00	-	17.7	15.80	-	16.9	17.60	-
3	25.0	0	-	23.2	2.08	-	21.3	7.40	-	17.7	15.90	-	16.1	19.20	-
4	24.0	0	-	23.2	2.48	-	20.4	9.00	-	17.2	16.20	-	15.9	19.50	-
5	25.0	0	4.9	22.6	3.12	-	20.0	9.20	-	17.0	16.60	-	15.7	19.90	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	24.9	0	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	16.0	19.10	2.5	-	-	-
10	-	-	-	22.0	4.40	0.0	20.4	11.40	-	14.3	22.60	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	19.5	11.20	0.3	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	13.4	24.50	6.6	-	-	-
20	-	-	-	-	-	-	-	-	-	10.9	29.00	-	-	-	-

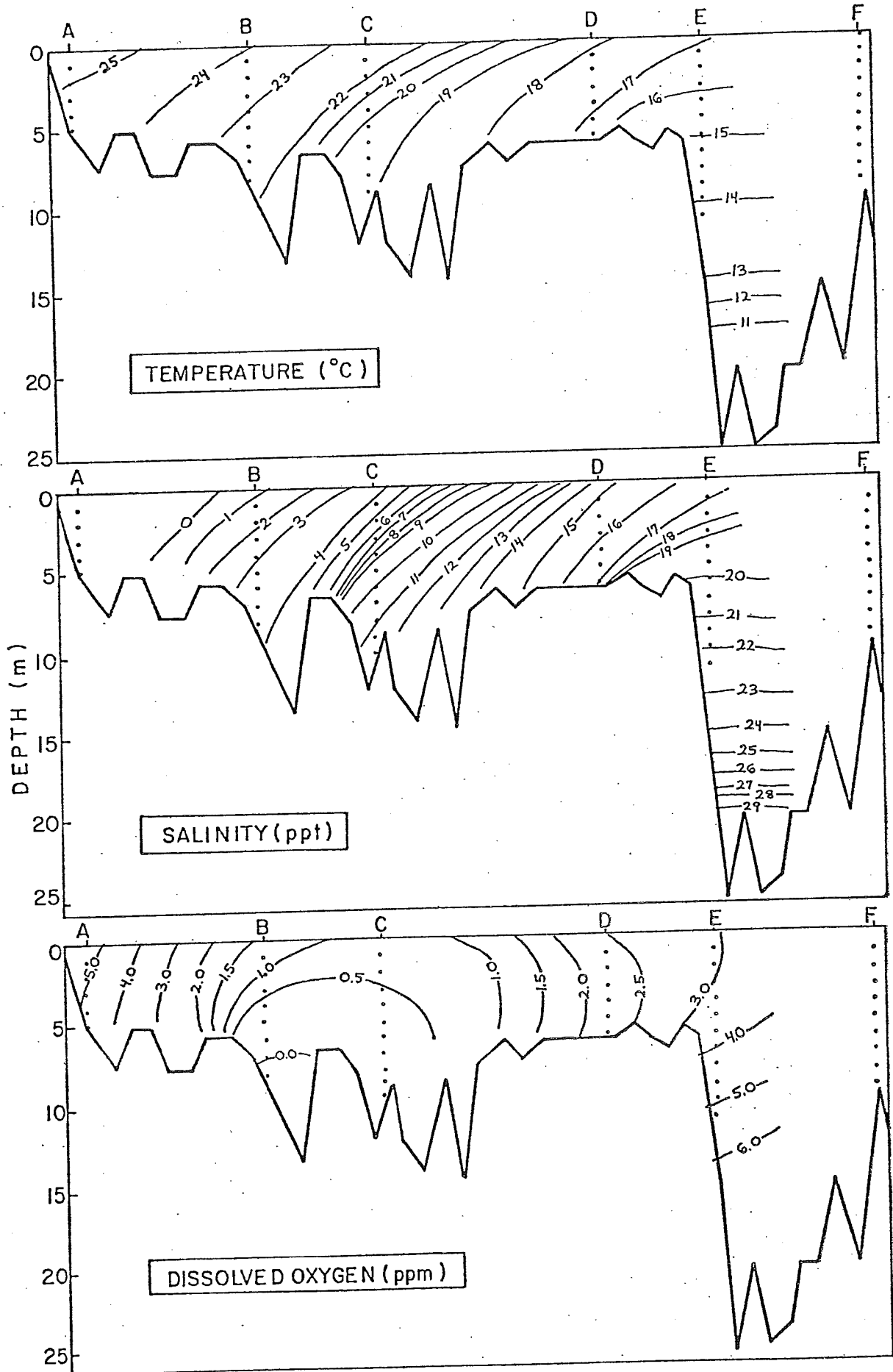
Time 1400

1515

1245

1130

1015



22 October 1964 A,B  
 Date: 23 October 1964 C,D

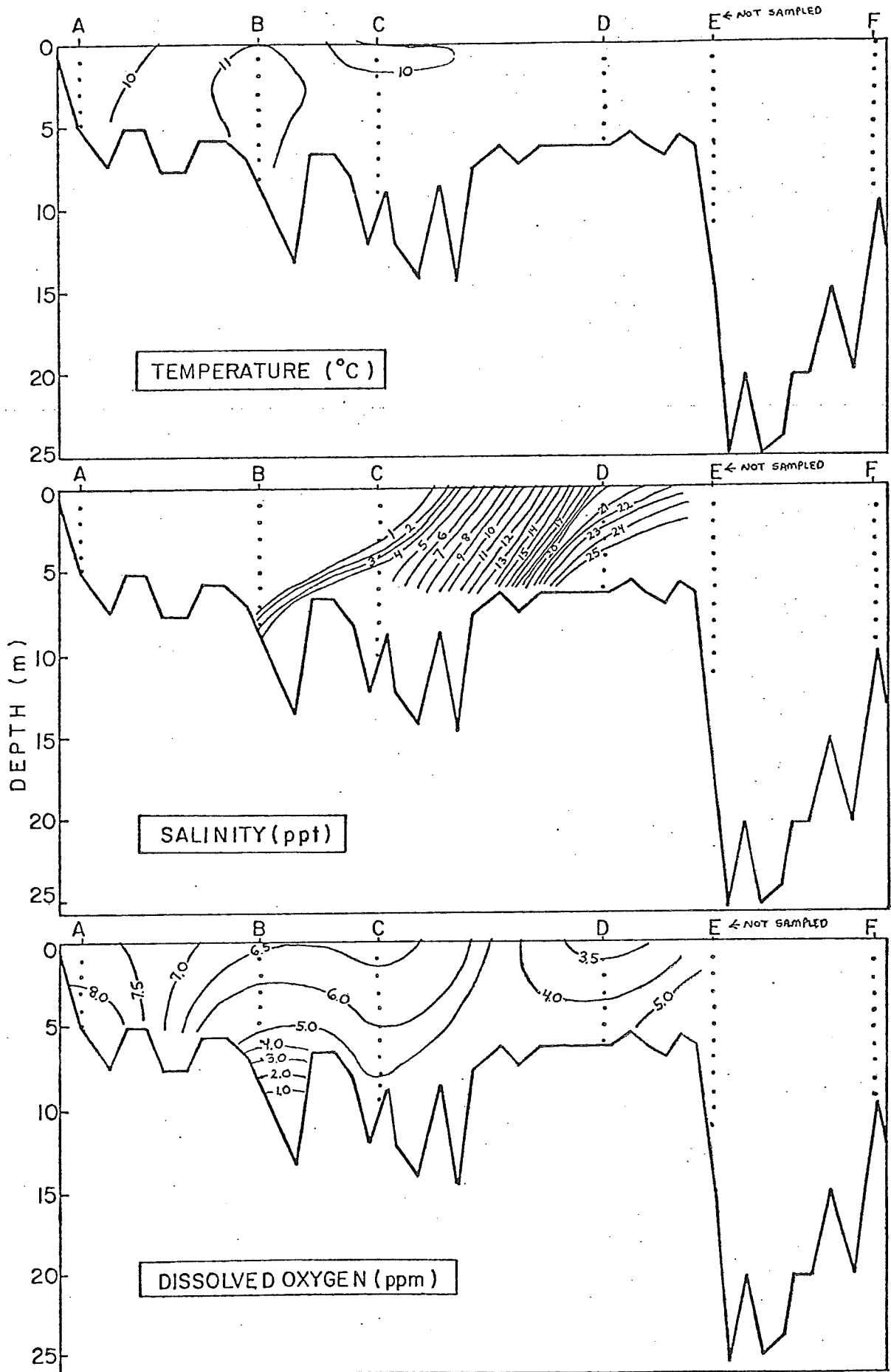
Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	10.2	0.08	7.6	11.0	0.16	6.6	9.2	0.44	6.6	10.4	20.00	3.4			
1	10.3	0.20	-	11.2	0.56	-	10.0	0.44	-	10.6	20.00	-			
2	10.3	0.08	-	11.2	0.36	-	10.0	0.44	-	10.6	23.00	-	not		
3	10.3	0.16	-	11.2	0.36	-	10.1	0.44	-	10.4	24.52	-	sampled		
4	10.3	0.04	8.2	11.2	0.44	-	10.1	0.56	-	10.4	15.00	-			
5	10.3	0.24	-	11.0	0.44	5.4	10.1	0.56	6.0	10.5	25.00	4.8			
6	-	-	-	-	-	-	-	-	-	-	-	-			
7	-	-	-	-	-	-	-	-	-	-	-	-			
8	10.3	0.08	8.2	-	-	-	-	-	-	-	-	-			
9	-	-	-	-	-	-	-	-	-	-	-	-			
10	-	-	-	11.0	4.00	1.0	10.2	1.12	5.0	10.5	25.72	-			
11	-	-	-	-	-	-	-	-	-	-	-	-			
12	-	-	-	-	-	-	-	-	-	-	-	-			
13	-	-	-	-	-	-	-	-	-	-	-	-			
14	-	-	-	-	-	-	-	-	-	-	-	-			
15	-	-	-	10.4	1.48	-	-	-	-	-	-	-			

Time 1230

1515

0945

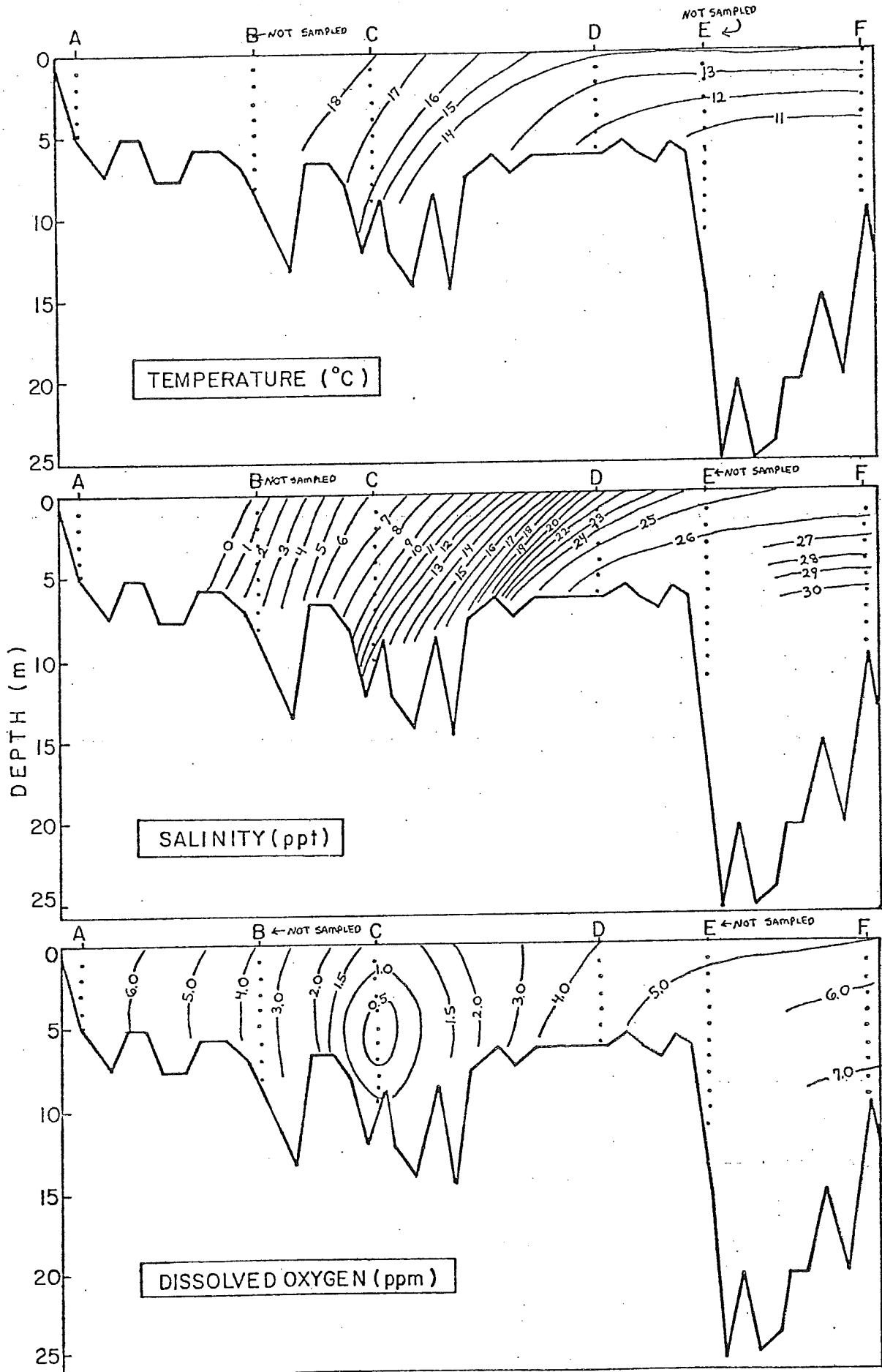
1130



Date: 25 August 1964 A, C, D, + F

Station- Depth (m)	A				B				C				D				E				F			
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	18.9	0	6.8	18.4	6.80	1.3	14.7	21.40	4.1	not	not	14.4	25.10	4.9	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	sampled	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	18.7	0	-	17.4	7.40	-	12.4	25.80	4.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	18.8	0	6.8	17.1	8.40	0.4	12.2	26.00	-	-	-	-	-	-	-	-	-	-	-	-	11.0	29.80	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	12.0	26.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	18.4	11.20	-	12.0	26.40	4.9	-	-	-	-	-	-	-	-	-	-	-	10.5	30.80	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	16.0	12.40	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.4	30.60	7.2	-

Time: 1430 1258 1130 1007

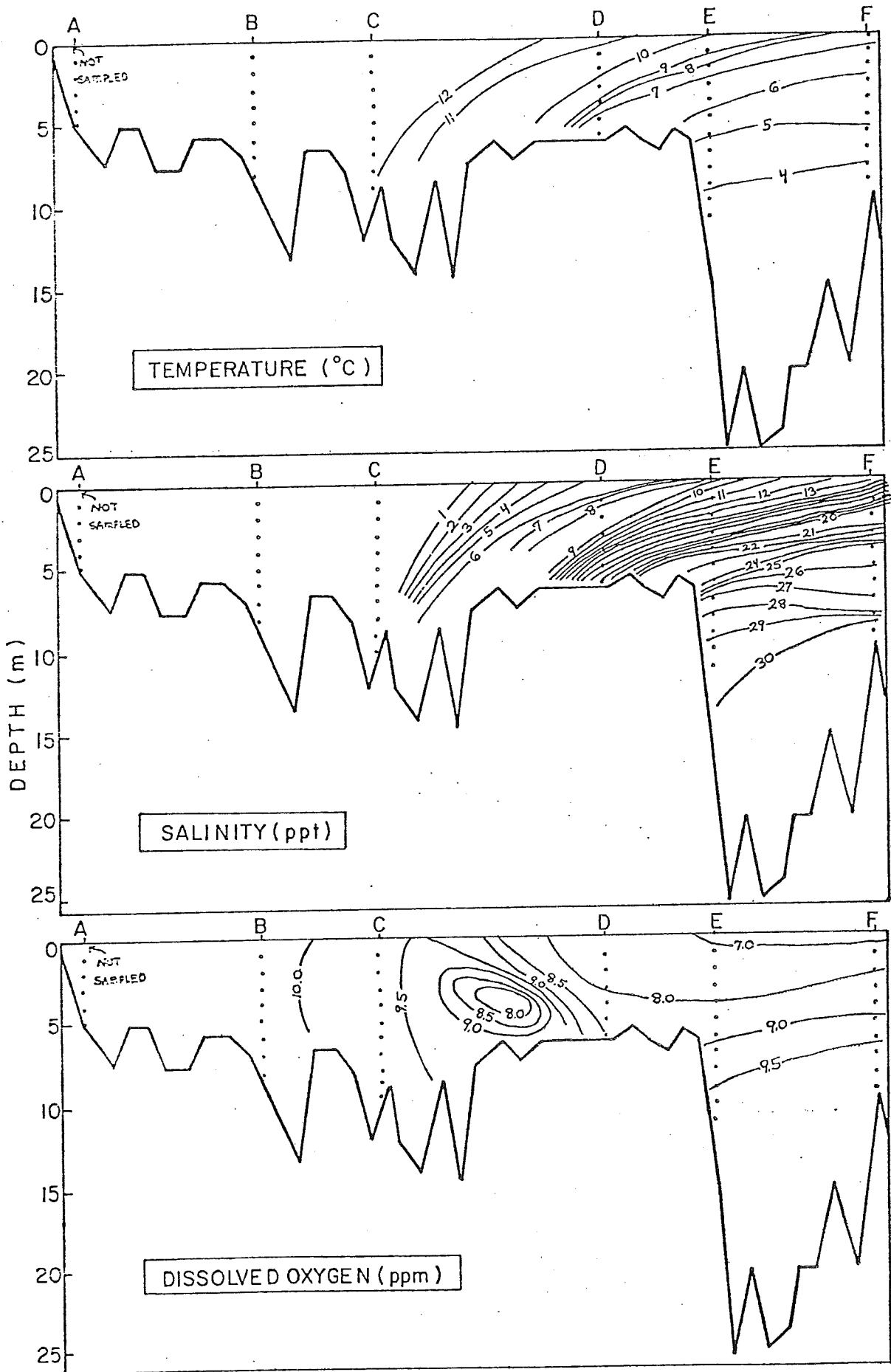




20 May 1965 D, E, + F  
 Date: 21 May 1965 B, C, + NR

Station- Depth (m)	B			C			ST. NR			D			E			F		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	12.8	0.12	10.2	12.6	0.12	9.6	14.4	2.76	8.4	12.7	5.52	7.4	10.4	9.28	7.0	9.4	12.28	7.0
1	12.8	0.40	-	12.5	0.12	-	12.5	3.08	-	11.2	6.28	-	9.7	10.56	-	7.5	17.88	-
2	12.6	0.16	-	12.6	0.16	-	12.3	3.32	-	10.6	8.20	-	9.1	12.72	-	6.7	20.36	-
3	12.6	0.16	-	12.6	0.20	-	11.6	5.04	-	10.5	8.36	-	8.0	16.36	-	6.5	21.12	-
4	12.5	0.16	10.0	12.6	0.20	-	10.9	6.56	7.6	9.4	12.32	-	6.7	20.28	-	5.5	24.80	8.8
5	12.5	0.16	-	12.6	0.04	-	-	-	-	7.4	17.92	-	6.5	21.76	-	5.3	25.40	-
6	12.6	0.16	-	12.6	0.20	-	-	-	-	6.7	20.92	-	5.6	24.04	-	5.1	26.20	-
7	12.5	0.12	-	12.6	0	9.6	-	-	-	6.2	22.36	-	4.8	27.64	-	4.8	26.92	-
8	12.5	0.12	10.1	12.6	0.20	-	-	-	-	6.1	22.56	-	4.4	27.92	-	4.5	27.60	-
9	-	-	-	12.5	0.20	-	-	-	-	6.0	22.56	8.2	4.2	28.40	-	3.7	30.52	9.8
10	-	-	-	12.6	0.20	-	-	-	-	4.0	29.16	9.6	4.0	29.16	-	-	-	-
11	-	-	-	12.6	0.20	-	-	-	-	3.8	29.84	-	3.8	29.84	-	-	-	-
12	-	-	-	12.6	0.24	-	-	-	-	3.8	29.80	-	3.8	29.80	-	-	-	-
13	-	-	-	12.6	0.20	-	-	-	-	3.9	30.28	-	3.9	30.28	-	-	-	-
14	-	-	-	12.7	0.20	9.6	-	-	-	3.9	30.20	-	3.9	30.20	-	-	-	-
15	-	-	-	-	-	-	-	-	-	3.8	30.12	-	3.8	30.12	-	-	-	-
16	-	-	-	-	-	-	-	-	-	3.8	30.12	-	3.8	30.12	-	-	-	-
17	-	-	-	-	-	-	-	-	-	3.8	30.12	-	3.8	30.12	-	-	-	-
19	-	-	-	-	-	-	-	-	-	3.8	30.28	9.6	3.8	30.28	9.6	-	-	-

Time: 1030 0913 1210 1143 1010 0905



15 June 1965 F  
 16 June 1965 C, D, + E  
 Date: 17 June 1975 A + B

Station- Depth (m)	A			B			C			D			E			F		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	19.7	0.04	7.8	18.7	0	4.3	19.0	4.40	1.2	15.4	16.44	4.4	14.0	16.20	4.1	10.3	24.80	8.0
1	19.2	0.04	-	18.2	0	-	17.4	6.68	-	11.7	19.88	-	12.6	17.36	-	9.2	25.56	-
2	19.2	0.04	-	18.2	0	-	16.9	6.96	-	10.6	22.12	-	11.8	18.60	-	8.4	26.48	-
3	19.2	0.08	-	18.1	0	-	16.8	7.40	-	10.0	22.80	-	11.0	21.24	-	6.8	28.80	-
4	19.0	0.08	-	18.1	0	-	16.2	8.60	-	9.8	23.48	-	9.8	22.80	-	6.2	29.76	-
5	19.0	0.08	8.1	18.1	0.24	2.4	15.7	10.12	-	9.5	23.64	7.6	9.2	24.52	-	5.7	30.48	-
6				18.1	0.68	-	15.4	10.40	-	9.4	24.16	-	8.8	24.76	-	5.5	30.68	9.9
7				17.9	1.40	-	15.0	11.24	-	9.3	24.28	-	8.7	25.00	-	5.4	30.92	-
8				17.6	2.48	-	14.6	12.52	1.5	9.0	24.44	-	8.7	25.00	-	5.4	30.96	-
9				17.6	2.88	1.5	14.4	13.00	-	9.0	24.60	7.5	8.7	25.16	-	5.4	30.96	-
10							14.2	13.16	-	8.6	25.36	6.0	8.6	25.36	-	5.4	30.84	-
11							14.2	13.16	-	6.9	26.80	-	6.9	26.80	-	5.4	30.88	-
12							14.0	13.32	-	6.2	29.84	-	6.2	29.84	-	5.4	30.92	-
13							14.1	13.32	-	6.6	30.24	-	6.6	30.24	-	5.4	30.88	-
14							14.0	13.76	-	6.0	30.20	-	6.0	30.20	-	5.4	30.92	10.0
15							13.9	13.76	-	6.0	30.08	-	6.0	30.08	-			
16							13.9	13.88	1.4	-	-	-	-	-	-			
20										6.0	30.08	8.7	6.0	30.08	8.7			

Time: 1005

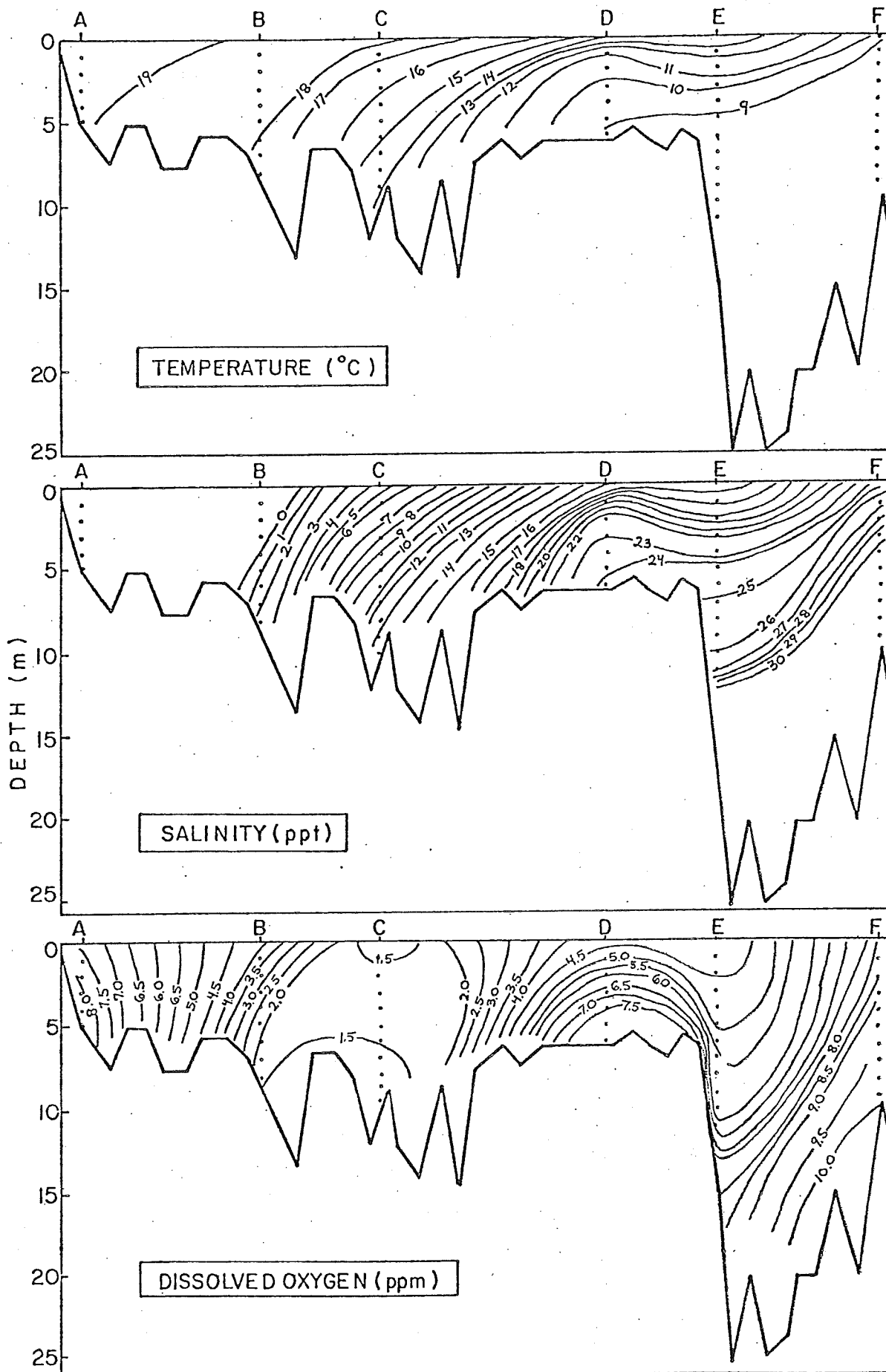
0842

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3 August 1966 A, B, + C  
 Date: 4 August 1966 D, E, + F

Station- Depth (m)	A			B			C			D			E			F		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	23.6	0.16	5.6	24.0	0.56	1.2	22.6	5.16	1.0	19.2	9.52	1.2	17.8	14.72	7.9	14.7	23.12	5.5
1	23.5	0.16	-	23.7	0.68	-	-	-	-	18.4	11.56	-	-	-	-	-	-	-
2	23.5	0.16	-	23.7	0.72	-	20.9	0.72	-	17.9	12.36	-	16.1	16.80	-	13.1	24.92	-
3	23.6	0	-	23.6	0.88	-	-	-	-	17.3	13.84	-	-	-	-	-	-	-
4	23.6	0	-	23.3	1.00	-	19.4	12.66	-	16.8	15.28	-	14.8	19.68	-	12.4	26.80	-
5	23.6	0	5.8	22.9	1.56	-	-	-	-	16.0	17.28	-	-	-	-	-	-	-
6	23.6	0	-	22.9	1.80	-	18.8	15.00	-	15.9	17.48	2.4	13.6	22.64	-	11.1	28.16	-
7	-	-	-	22.7	1.84	-	-	-	-	15.9	17.56	-	-	-	-	-	-	-
8	-	-	-	22.7	1.96	-	18.6	15.30	-	-	-	-	13.4	23.24	-	10.5	29.40	-
9	-	-	-	22.6	2.28	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	0.1	22.6	2.20	0.1	18.4	16.56	-	-	-	-	13.3	23.40	-	10.2	29.44	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	18.2	16.92	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	0.4	18.2	17.22	0.4	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	17.9	17.46	-	-	-	-	-	-	-	11.3	27.28	6.4	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	11.2	27.80	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	11.2	28.08	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	-	-	-

Time: 0930

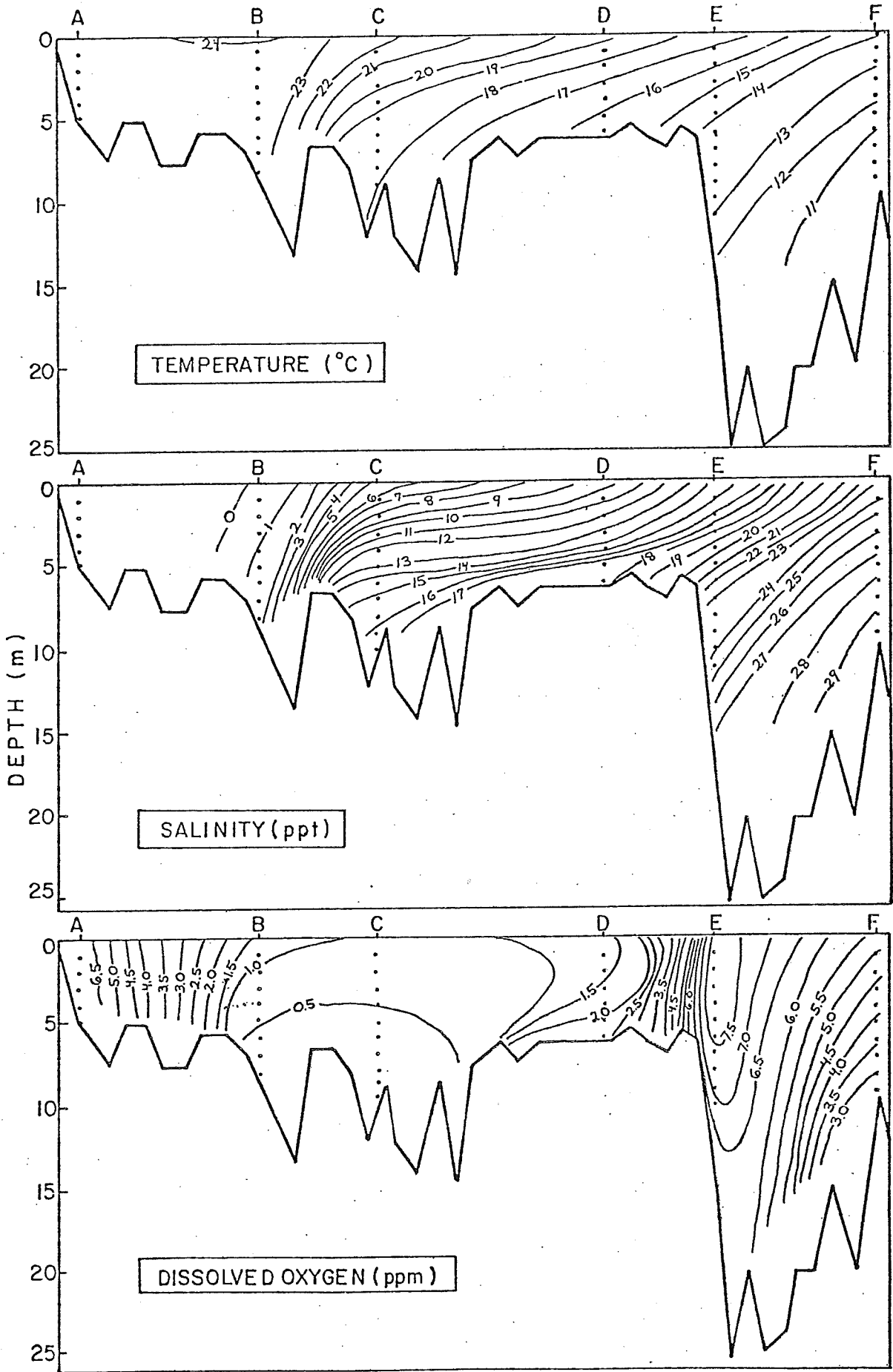
1030

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1025





8 July 1969 A + B  
 9 July 1969 C  
 Date: 10 July 1969 D + E

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	21.52	0.12	6.6	21.6	0.16	6.4	20.9	1.56	5.4	18.6	8.36	5.5	16.1	12.84	6.2
1	21.48	0.28	-	21.5	0.52	-	22.9	2.00	-	17.4	10.64	-	15.4	16.48	-
2	21.28	0.12	-	21.3	0.48	-	20.3	2.68	-	16.6	10.96	-	15.0	12.64	-
3	21.36	0.28	6.8	21.4	0.48	-	20.1	2.96	-	16.0	13.96	-	14.9	12.88	-
4	21.20	0.16	-	21.3	0.60	-	19.2	6.40	-	12.9	13.28	7.2	14.9	12.80	-
5	21.20	0.28	-	21.4	0.72	-	18.3	8.48	-	10.6	24.76	-	14.2	13.04	-
6	21.16	0.16	-	21.2	1.36	4.0	17.8	9.56	-	10.1	25.64	-	14.0	14.72	-
7	21.12	0.24	6.9	20.7	3.72	-	17.8	12.88	3.6	9.8	26.40	-	13.7	15.24	-
8				19.8	6.32	-	16.4	13.88	-	9.6	26.48	7.5	13.7	14.96	-
9				19.3	7.76	-	16.2	13.84	-				13.6	15.04	-
10				19.2	7.91	-	16.2	14.12	-				13.6	15.76	6.8
11				19.2	8.08	-	-	-	-				-	-	-
12				19.1	8.76	-	15.7	15.28	-				10.8	20.32	-
13				19.0	8.92	2.8	-	-	-				-	-	-
14							-	15.28	4.2				10.2	25.64	-
15													-	-	-
16													10.2	25.76	-
18													9.9	26.12	-
20													10.0	26.08	-
22													10.2	26.16	7.6

Time: 1016

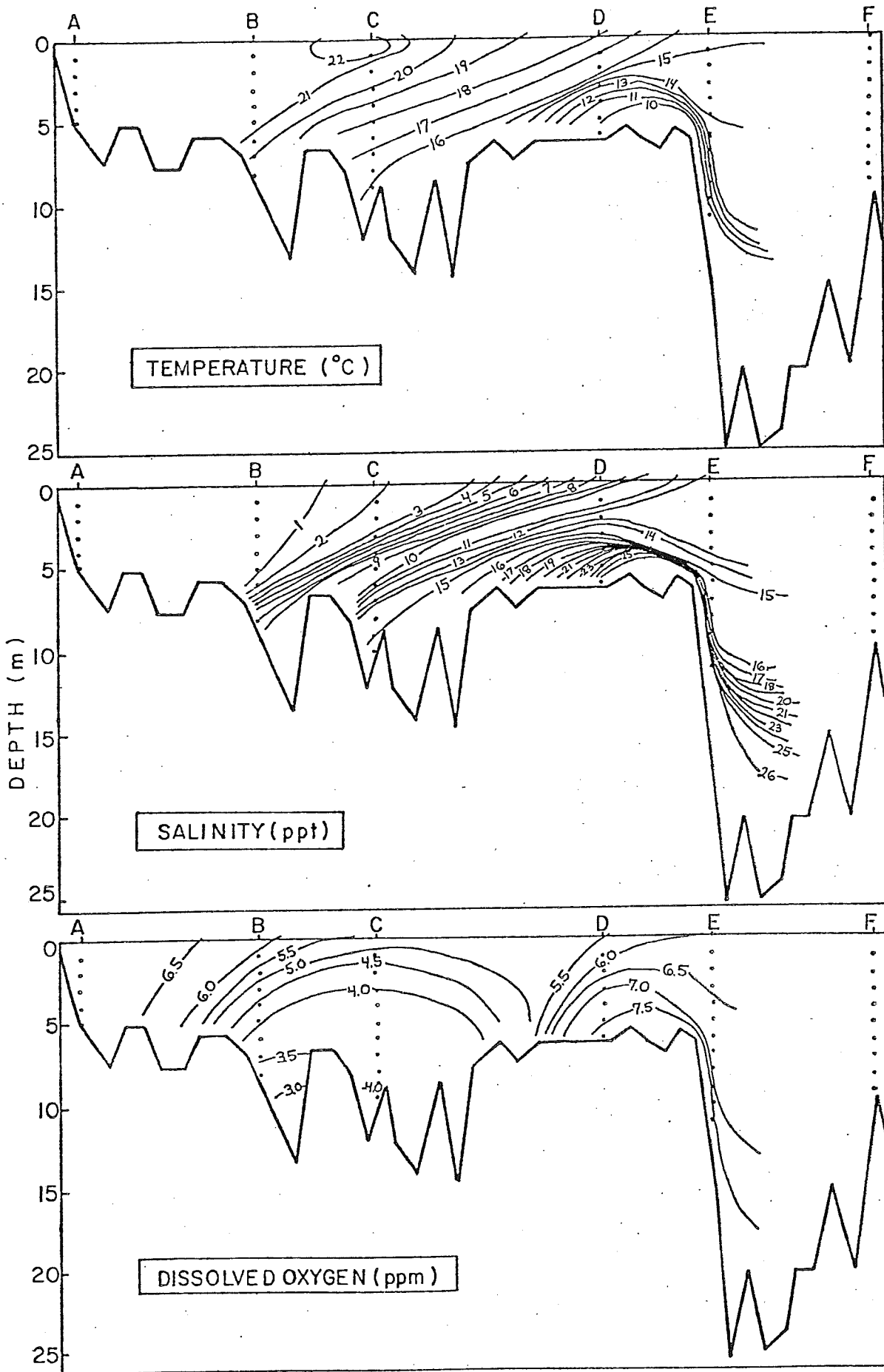
0916

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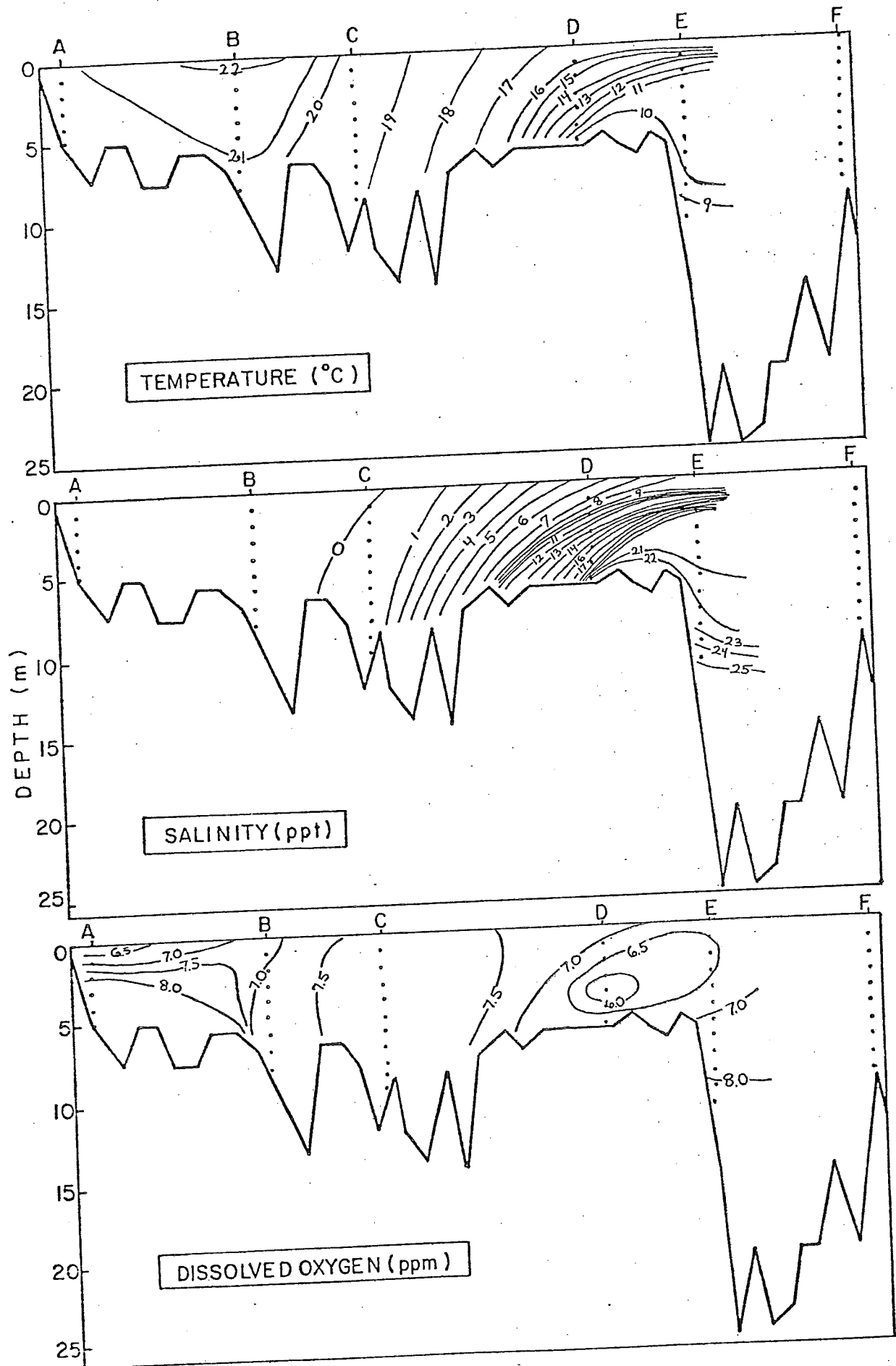


17 June 1969 A+B  
 18 June 1969 C  
 Date: 19 June 1969 D+E

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	20.2	0.12	6.5	22.8	0.20	7.0	19.6	0	7.8	17.4	5.84	7.3	16.4	8.24	6.6
1	20.2	0.16	-	22.0	0.12	-	19.8	0.16	-	17.2	6.76	-	16.3	8.52	-
2	20.2	0.12	-	21.0	0.08	-	19.8	0	-	15.8	9.80	-	12.5	20.80	-
3	-	-	8.2	-	-	-	19.6	0	-	14.6	12.16	-	10.4	20.84	-
4	20.2	0.20	-	21.0	0.20	-	19.7	0	-	13.5	14.76	5.7	10.4	20.81	-
5	-	-	-	-	-	-	-	-	-	12.6	16.88	-	-	-	-
6	20.2	0.16	8.1	21.4	0.20	6.7	19.5	0.12	-	9.8	22.24	-	10.3	21.00	-
7	-	-	-	-	-	-	-	-	7.8	9.8	22.24	-	-	-	-
8	-	-	-	20.9	0.20	-	19.6	0	-	9.8	22.24	-	10.1	21.56	-
9	-	-	-	-	-	-	-	-	-	9.7	22.24	6.7	-	-	-
10	-	-	-	20.8	0.12	-	19.5	0	-	-	-	-	9.2	23.20	8.0
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	20.8	0.08	6.9	19.7	0	-	-	-	-	8.3	25.28	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	19.7	0	7.9	-	-	-	8.2	25.28	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	8.5	25.56	-
18	-	-	-	-	-	-	-	-	-	-	-	-	8.2	25.66	-
20	-	-	-	-	-	-	-	-	-	-	-	-	8.2	25.68	8.6

Time 0845 0945 0915 1125 1025

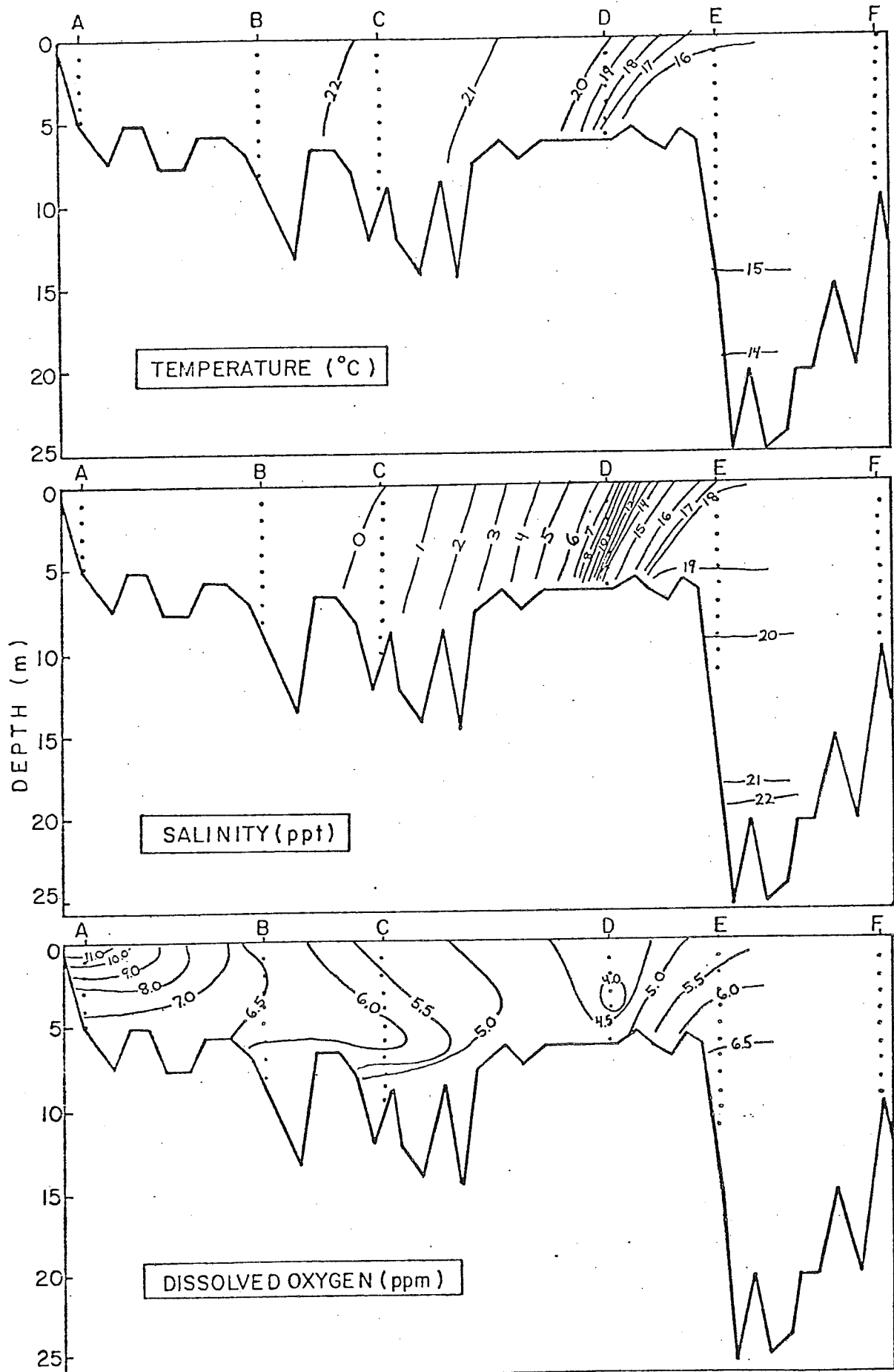
17,18,19 July 1969



21 July 1970 A + B  
 22 July 1970 C  
 Date: 23 July 1970 D + E

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	22.3	0	11.1	22.3	0	6.2	21.5	0	5.2	20.5	6.08	4.2	16.3	17.80	5.1
1	22.3	0	-	22.3	0	-	22.2	0.04	-	20.2	6.96	-	16.1	18.36	-
2	22.3	0	-	22.5	0	-	22.2	0.04	-	19.6	8.64	-	15.8	18.36	-
3	22.3	0.12	6.8	22.3	0	-	22.3	0.04	-	19.6	9.48	-	15.8	18.52	-
4	22.3	0	-	22.3	0	-	22.3	0.04	-	19.1	9.64	4.0	15.6	18.52	-
5	22.3	0	7.1	22.3	0	-	22.4	0.08	-	18.6	11.08	-	15.6	18.92	-
6				22.4	0	-	22.3	0.08	6.0	17.1	14.08	-	15.6	19.08	-
7				22.3	0	5.8	22.4	0.08	-	18.2	14.64	4.6	15.5	19.12	-
8				22.3	0	-	22.1	0.08	-				15.4	19.68	6.8
9				22.6	0	-	22.3	0.12	-				15.3	19.52	-
10				22.3	0	-	21.8	0.12	-				15.1	20.56	-
11				22.3	0	-	21.8	0.12	-				-	-	-
12				22.3	0	6.0	21.8	0.12	4.6				15.1	20.04	-
13													-	-	-
14													15.1	20.04	-
15													-	-	-
16													14.8	20.36	-
18													13.9	20.16	-
20													14.5	22.72	-
22													13.2	23.60	6.9

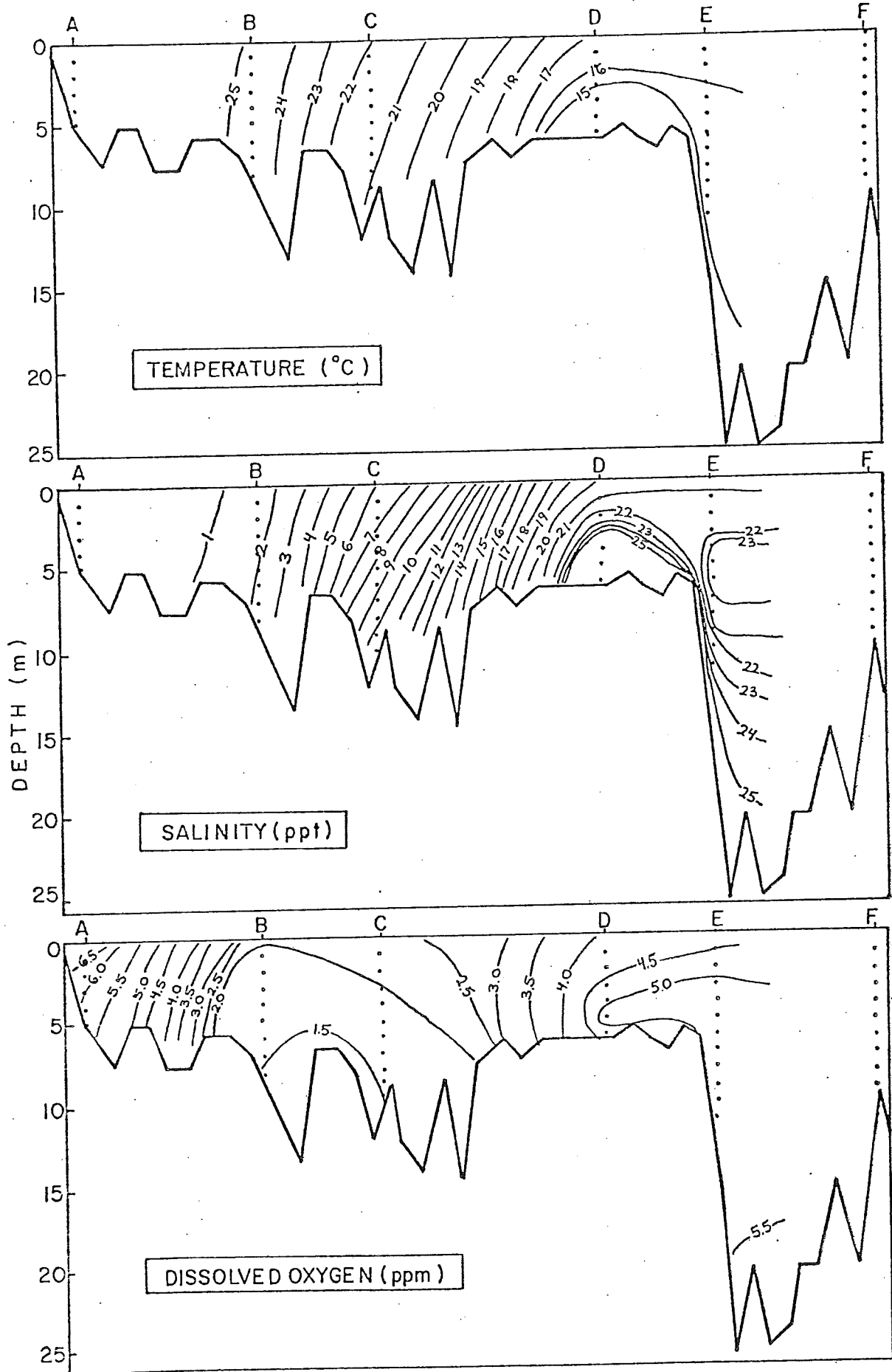
Time: 0850 0940 0940 1214 1300



19 August 1970 A + B  
 20 August 1970 C  
 Date: 21 August 1970 D + E

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	25.1	0.12	6.6	24.5	1.12	2.0	21.9	6.60	2.2	17.0	20.80	4.2	17.1	20.56	4.4
1	25.4	0.12	-	24.9	1.20	-	22.2	6.92	-	16.7	21.40	-	16.5	21.36	-
2	25.4	0.08	-	24.9	1.16	-	21.9	7.16	-	16.2	22.40	-	16.5	21.16	-
3	25.2	0.08	-	24.5	1.40	-	21.8	7.16	-	15.4	25.48	-	16.2	21.04	-
4	25.2	0.08	5.8	24.7	1.40	-	21.8	7.80	-	14.6	25.56	-	15.9	23.00	-
5	25.2	0.08	-	24.5	1.80	-	21.7	8.60	-	14.5	25.44	5.2	15.8	23.16	-
6	25.2	0.08	5.5	24.5	1.64	-	21.7	7.60	-	14.5	25.36	-	15.8	23.40	-
7				24.3	1.84	-	21.4	8.40	-	14.5	25.36	-	15.6	23.12	-
8				24.3	1.76	1.4	20.8	9.84	1.8	14.4	26.12	-	15.8	22.64	-
9				24.2	1.76	-	21.3	10.12	-	14.3	26.12	-	15.5	22.64	-
10				24.2	2.08	-	21.6	10.48	-	14.3	26.12	4.8	15.8	23.08	-
11				24.2	2.24	-	20.7	10.76	-	14.1	26.12	-	-	-	-
12				24.2	2.20	-	20.7	10.80	-	14.3	26.24	-	16.0	23.08	5.1
13				24.2	2.20	-	20.7	11.04	-	-	-	-	-	-	-
14				24.2	2.40	-	20.7	10.88	-	15.4	24.00	-	15.4	24.00	-
15				23.9	2.40	1.20	20.7	10.88	-	-	-	-	-	-	-
16				20.5	10.96	1.6				15.0	24.00	-	15.0	24.00	-
18										15.0	24.60	-	15.0	24.60	-
20										14.9	25.12	-	14.9	25.12	-
22										14.9	24.76	-	14.9	24.76	-
24										14.9	24.76	5.7	14.9	24.76	5.7

Time: 1000 1030 1210 1300 1200



Date: 24 September 1970

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	18.9	0	6.0	18.2	0.96	4.8	17.9	2.24	4.6	16.1	10.04	3.8	16.4	16.04	4.4
1	18.6	0	-	18.2	1.28	-	17.6	3.24	-	16.4	10.96	-	15.2	17.72	-
2	18.6	0	-	18.2	1.68	-	17.2	3.84	-	14.5	20.00	-	14.7	18.52	-
3	18.5	0	6.9	17.2	4.16	-	16.9	4.52	-	13.5	24.16	5.2	13.9	21.80	-
4	18.5	0	-	16.7	7.08	3.3	16.8	4.40	-	13.4	25.00	-	13.4	25.56	-
5	18.5	0	-	15.8	11.28	-	15.8	9.80	4.2	13.2	25.16	-	13.2	25.84	-
6	18.4	0	5.8	15.6	13.08	-	15.0	12.44	-	13.2	25.16	5.2	13.0	26.80	-
7				15.2	13.92	-	14.4	16.72	-				12.8	26.80	-
8				15.0	16.04	3.1	14.4	17.92	-				12.8	27.60	-
9				14.7	16.36	-	14.3	18.08	-				12.1	28.16	-
10							14.3	18.56	-				12.1	28.44	5.9
11							14.2	18.84	3.6				12.5	28.44	-
12													12.4	29.20	-
13													12.3	29.16	-
14													12.3	28.96	-
15													12.3	29.20	-
16													12.2	29.08	-
18													12.4	29.48	-
20													12.2	29.60	6.1

Time: 1100

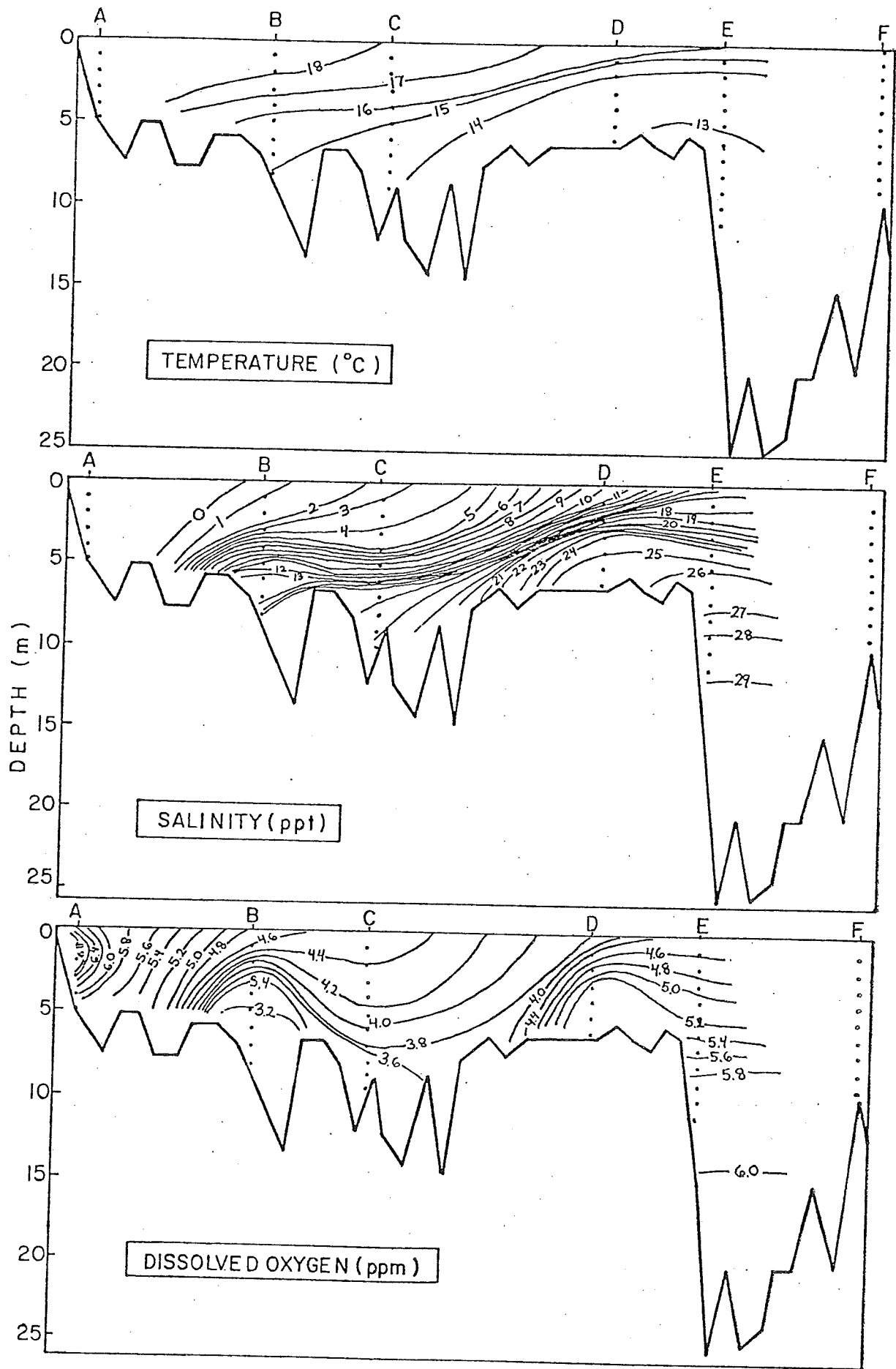
1140

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1415





14 June 1971 A + B  
 15 June 1971 D + E  
 Date: 16 June 1971 C

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	20.5	0.16	7.7	20.1	0	7.2	20.3	0.84	5.6	16.8	9.76	5.7	12.7	13.52	5.8
1	20.4	0.12	-	20.0	0.08	-	19.7	1.20	-	16.0	10.56	-	11.4	20.20	-
2	20.4	0.08	-	20.0	0.04	-	19.6	1.12	-	16.2	11.00	-	11.1	20.36	-
3	20.8	0.08	7.1	20.0	0.12	7.2	19.8	1.28	-	14.1	13.84	-	10.6	21.04	-
4	20.0	0.08	-	19.7	0.08	-	19.7	1.36	-	13.0	16.20	6.1	10.0	22.24	-
5	20.2	0.08	-	20.0	0.12	-	19.5	1.72	5.5	12.2	18.16	-	9.8	23.28	-
6	20.2	0.08	7.0	20.0	0.08	7.1	19.4	2.12	-	12.1	18.36	-	10.3	23.20	-
7							19.2	3.08	-	12.0	18.36	6.2	9.6	23.28	7.9
8							19.1	2.96	-				10.0	23.68	-
9							18.0	5.88	-				9.5	23.68	-
10							17.7	6.40	4.5				9.2	24.00	-
11															
12															
13															
14															
15													8.6	26.32	7.6

Time: 1100 1230 1130 1235 1330

13 July 1971 D + E  
 14 July 1971 C  
 Date: 15 July 1971 A + B

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	22.5	0	6.9	23.1	0.12	5.7	22.7	2.00	5.3	20.0	10.80	4.3	17.8	16.60	5.1
1	22.5	0	-	22.8	0.40	-	22.8	2.12	-	19.6	10.84	-	17.7	16.72	-
2	22.5	0	-	22.7	0.48	-	22.7	2.20	-	17.6	15.80	-	16.5	18.08	-
3	22.4	0	6.9	22.5	1.08	-	22.7	2.36	-	16.5	17.60	4.7	16.0	19.28	-
4	22.3	0	-	22.5	1.28	-	22.4	2.76	-	16.3	18.60	-	15.8	19.48	-
5	22.2	0	-	22.3	1.72	5.7	22.5	2.96	-	16.1	19.04	-	14.8	20.76	-
6	22.2	0	6.9	22.3	2.00	-	22.2	3.60	-	15.2	20.12	4.8	14.6	21.72	-
7				22.3	2.52	-	22.1	4.00	4.6				14.4	21.72	5.3
8				22.2	2.60	-	21.7	5.08	-				14.2	22.40	-
9				22.0	2.84	-	21.6	5.92	-				14.0	22.48	-
10				-	-	4.7	21.3	6.76	-				13.8	23.32	-
11							21.0	7.64	-				13.3	23.76	-
12							20.3	9.28	3.5				13.2	24.16	-
13													13.1	24.16	-
14													13.1	24.64	5.6
15													13.2	24.76	-
16													12.8	24.76	-
17													12.8	24.88	-

Time: 1225

1315

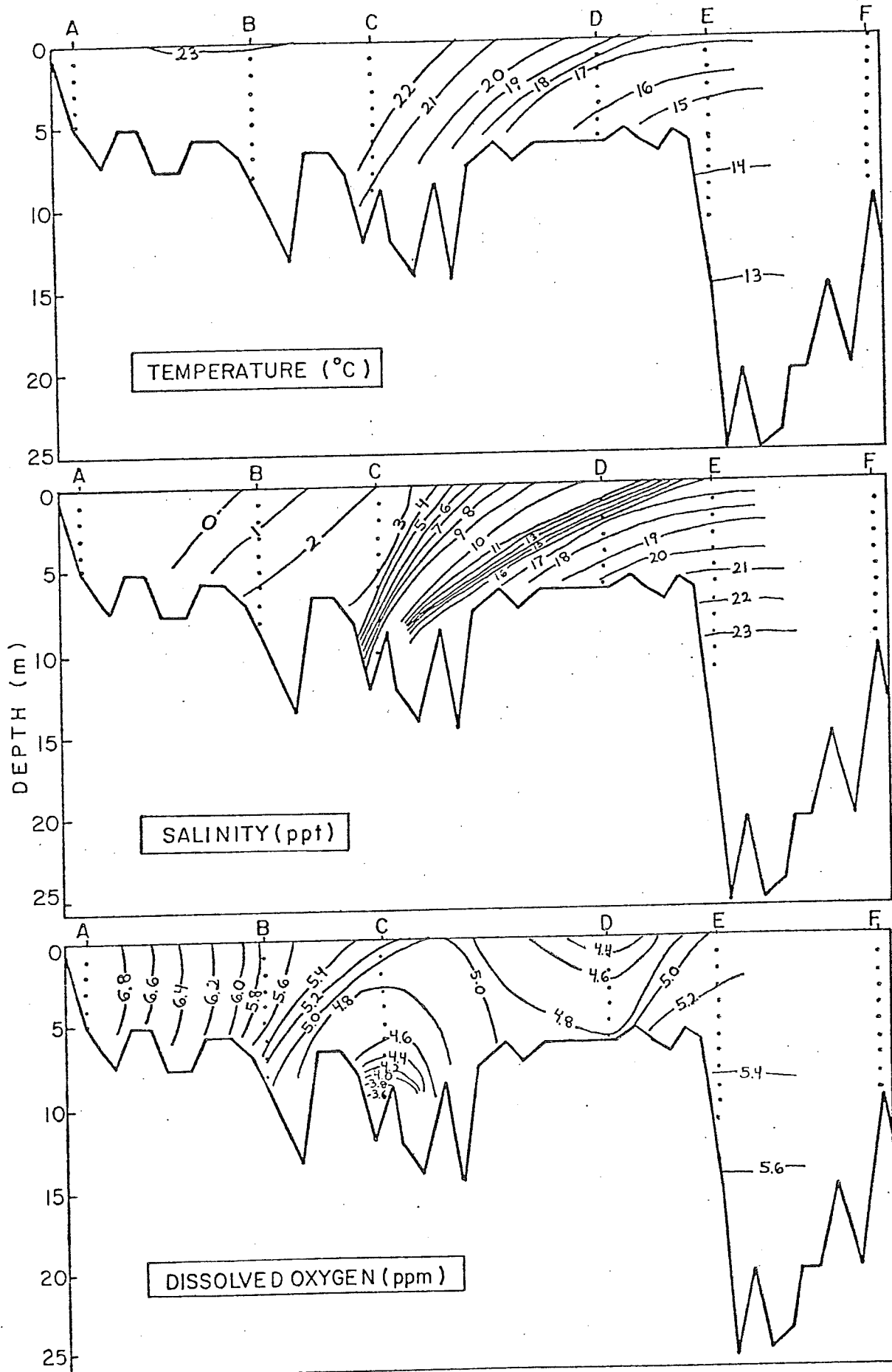
1020

0930

1025

13,14,15 July 1971

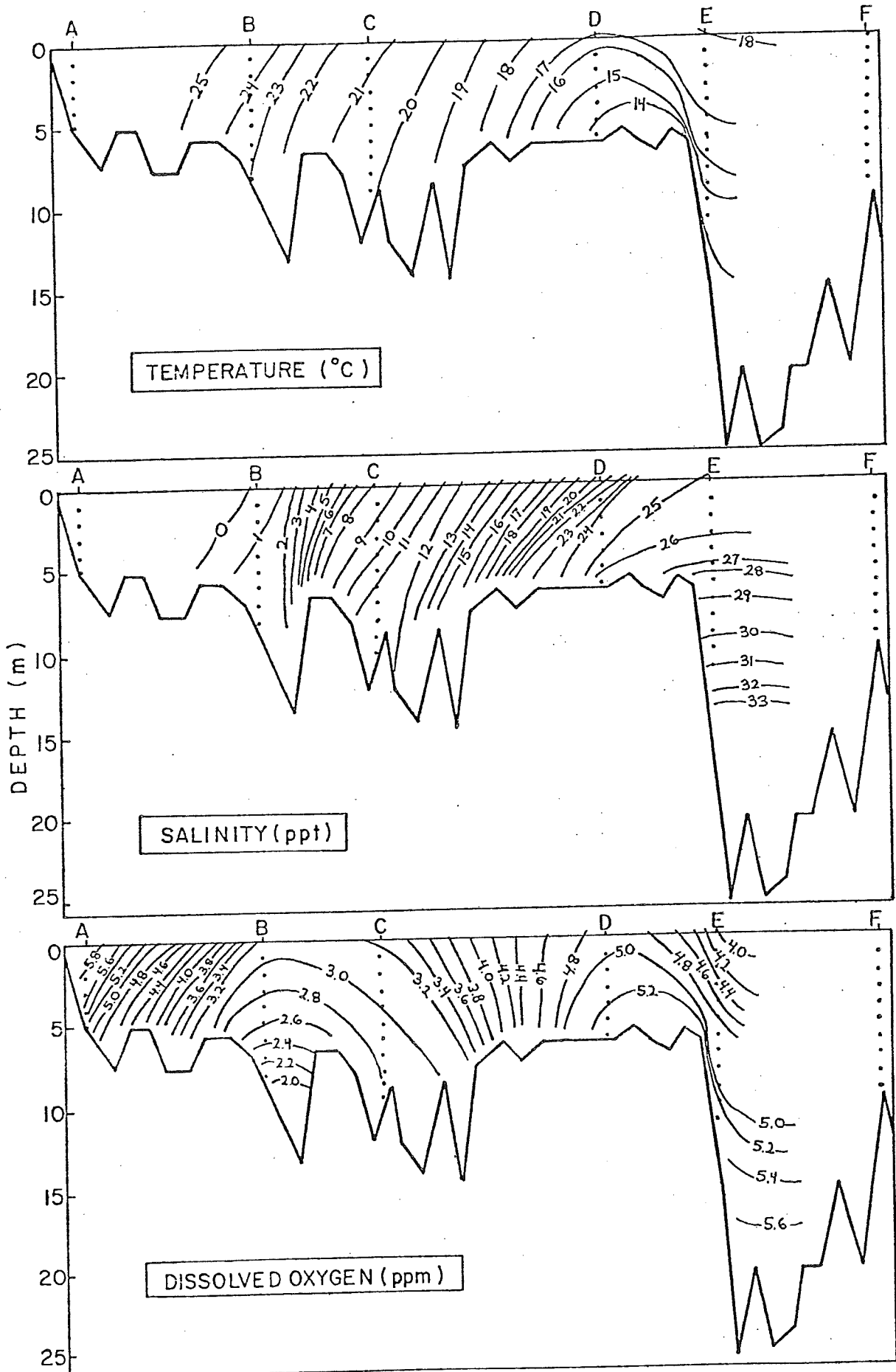
37



11 August 1971 A + B  
 12 August 1971 D + E  
 Date: 13 August 1971 C

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	25.16	0	5.9	24.8	0.52	3.2	21.2	8.04	3.3	17.5	20.92	4.9	18.0	25.20	4.0
1	25.12	0	-	24.7	0.60	-	21.8	8.80	-	16.5	21.72	-	17.7	25.44	-
2	25.12	0	-	24.7	0.68	-	21.6	8.88	-	15.2	24.20	-	17.7	25.56	-
3	24.92	0	5.7	24.2	0.68	-	21.0	9.88	-	15.3	24.20	-	17.6	25.80	-
4	25.0	0	-	23.9	1.12	-	20.9	9.80	-	14.9	24.72	-	17.6	26.04	-
5	25.0	0	-	23.7	1.28	-	20.8	10.00	-	14.7	25.28	5.2	17.1	26.58	-
6	25.0	0	4.8	23.7	1.28	2.5	20.7	10.60	-	14.7	25.64	-	16.4	28.26	-
7				23.6	1.40	-	20.4	11.16	-	14.2	26.48	-	16.5	28.80	-
8				23.6	1.52	-	20.1	11.44	2.9	13.9	26.48	-	16.0	29.52	-
9				23.6	1.64	-	20.1	11.64	-	13.9	26.56	5.2	15.6	29.76	-
10				23.6	1.64	-	20.0	11.68	-	15.7	30.00	4.9	15.7	30.00	4.9
11				23.5	1.72	-	20.0	11.84	-	14.2	30.72	-	14.2	30.72	-
12				23.5	1.88	1.9	20.0	12.16	-	15.2	31.20	-	15.2	31.20	-
13							20.0	12.56	-	14.5	31.50	-	14.5	31.50	-
14							19.7	12.72	-	13.9	33.30	-	13.9	33.30	-
15							19.6	12.72	-	13.9	33.30	-	13.9	33.30	-
18							19.7	12.76	2.9	13.6	33.48	-	13.6	33.48	-
21										13.7	33.60	5.7	13.7	33.60	5.7

Time: 1100 1200 1500 1440 1200



14 June 1972 D + E  
 15 June 1972 A + B  
 Date: 16 June 1972 C

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	17.4	0.88	10.2	17.2	1.20	5.9	18.0	1.48	9.0	15.5	2.88	9.2	14.8	3.56	9.5
1	17.2	0.88	-	17.4	1.48	-	18.3	2.16	-	15.3	2.32	-	13.8	5.56	-
2	17.0	0.96	-	17.0	1.00	-	18.4	2.20	-	14.6	3.48	-	13.7	5.44	-
3	17.2	1.08	10.0	17.0	1.28	9.1	18.4	2.56	8.8	14.5	3.04	-	11.0	12.00	-
4	17.1	1.12	-	17.0	0.92	-	18.2	4.00	-	14.5	3.08	8.9	10.4	16.60	-
5	17.1	1.40	-	17.1	1.24	-	18.2	3.60	-	14.4	3.76	-	10.4	16.40	-
6	17.1	1.08	10.1	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	17.0	1.12	9.3	-	-	-	9.8	18.68	8.0	-	-	9.3
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	18.3	3.2	-	-	-	-	8.6	22.32	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	18.3	4.48	9.0	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	8.2	22.32	9.1	-	-	-

Time: 1105

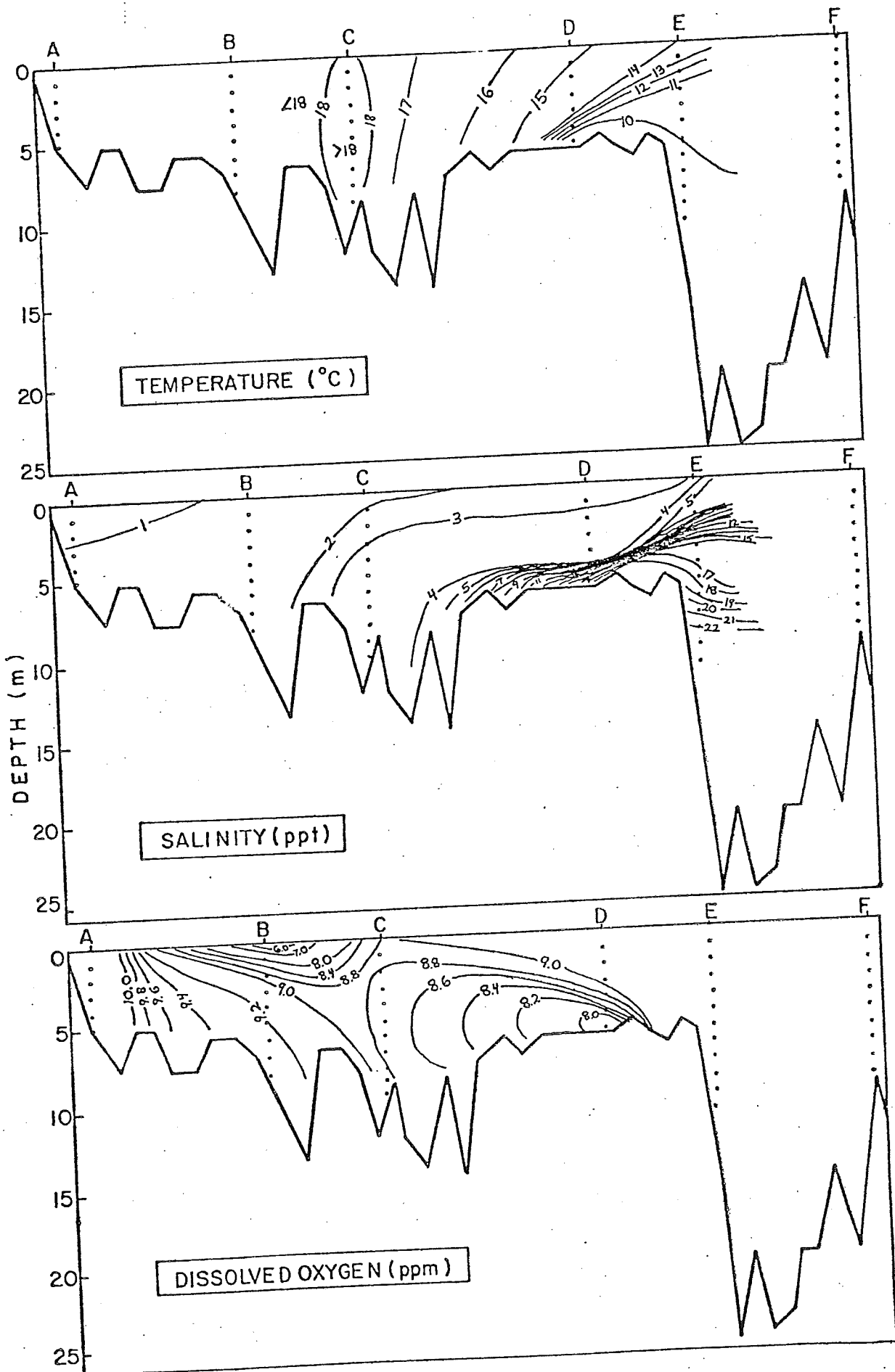
1210

1350

1110

1010

14,15,16 June 1972



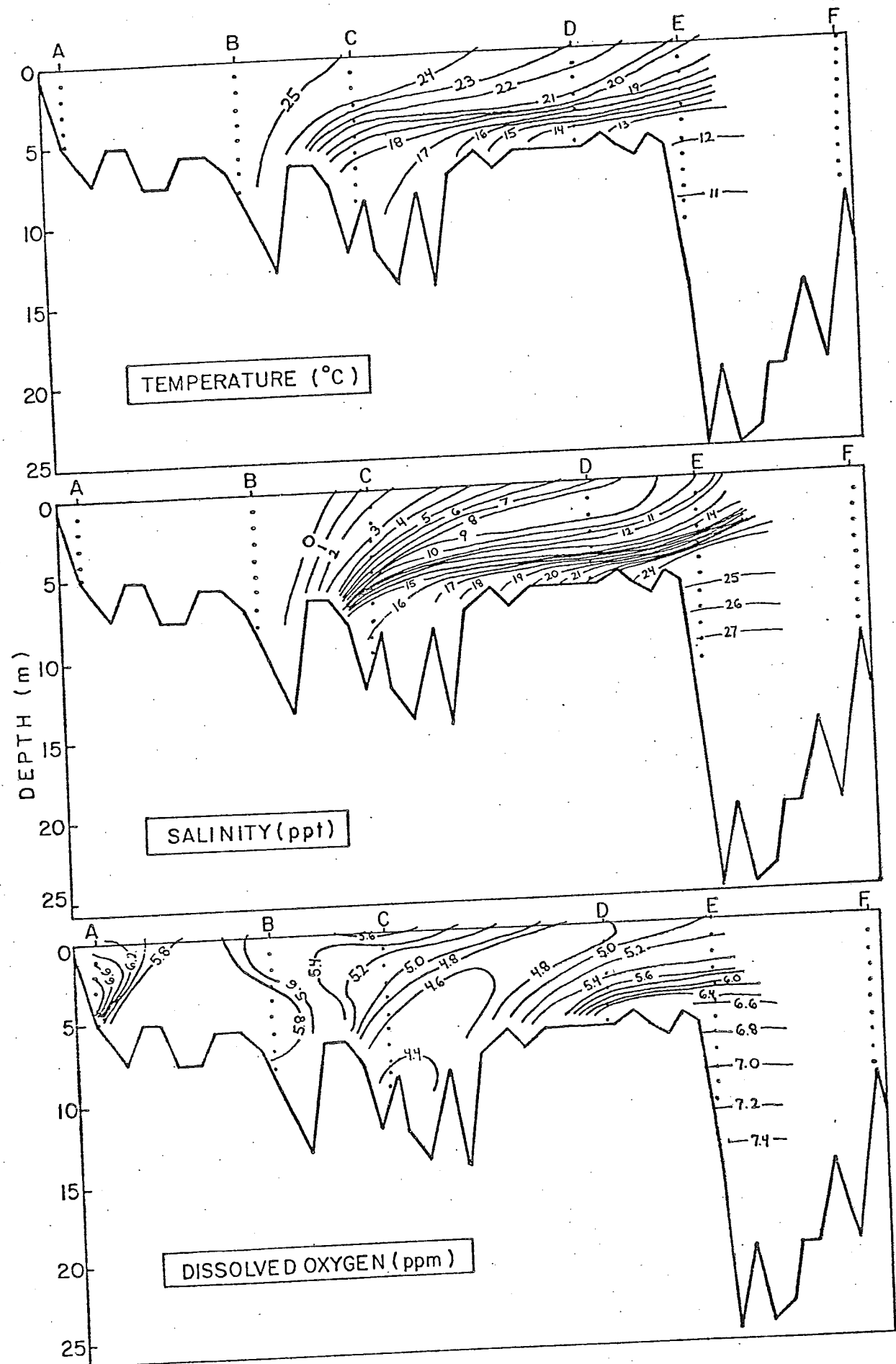


17 July 1972 A + B  
 18 July 1972 D + E  
 Date: 19 July 1972 C

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	25.7	0	6.2	25.4	0	5.6	24.6	1.80	5.8	23.2	7.20	4.8	21.6	10.44	5.0
1	25.0	0	-	25.3	0	-	24.6	2.00	-	22.1	8.32	-	19.8	12.56	-
2	25.0	0	-	25.4	0	-	24.6	2.12	-	21.8	8.80	-	19.3	12.84	-
3	25.0	0	6.8	25.4	0	-	24.2	2.84	-	21.5	10.48	-	17.3	15.68	-
4	25.0	0	-	25.4	0	-	22.7	5.72	-	19.7	12.32	5.4	15.1	23.08	-
5	25.0	0	-	25.3	0	5.9	21.4	8.60	-	16.0	18.08	-	12.5	24.12	-
6	25.0	0	5.7	25.3	0	-	18.8	13.68	-	13.9	22.00	-	12.4	24.88	-
7				25.3	0	-	17.9	15.20	-	13.1	23.28	6.5	11.8	25.40	-
8				25.3	0	-	17.3	15.84	4.5				11.8	26.00	-
9				25.3	0	5.7	17.3	16.28	-	11.1	26.48	-	11.1	26.48	-
10				17.1	16.60	-				11.0	27.08	-			
11															
12															
13															
14															
15				16.5	17.72	4.4				9.6	28.92	7.4			
20													9.8	29.16	-
25													9.6	28.92	-
30															6.9

Time: 1140 1040 1530 1345 1240

17,18,19 July 1972



Date: 13 September 1972

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	18.0	0	8.6	18.4	0	7.8	19.0	0	7.4	17.3	10.08	6.9	15.2	15.40	6.9
1	17.7	0	-	18.2	0	-	18.0	0.60	-	16.0	13.28	-	13.9	20.48	-
2	17.7	0	-	18.0	0	-	17.4	1.36	-	12.8	24.52	-	13.0	24.00	-
3	17.8	0	8.5	18.0	0	-	17.4	1.76	-	12.1	26.32	-	12.4	27.24	-
4	17.8	0	-	18.0	0	-	17.4	1.76	-	12.0	27.72	-	12.0	26.68	-
5	17.8	0	-	18.0	0	-	17.5	1.68	-	11.8	28.00	6.8	12.0	27.12	-
6	17.8	0	8.4	18.0	0	7.8	17.0	3.08	-	11.8	28.28	-	12.0	27.36	-
7				18.0	0	-	16.8	4.20	6.6	11.4	29.36	-	12.0	27.40	-
8				18.0	0	-	16.3	6.76	-	11.4	29.88	-	12.0	27.40	-
9				17.9	0	-	16.5	6.96	-	11.4	29.88	-	11.8	28.00	7.0
10				17.9	0	-	16.2	7.12	-	-	-	6.8	11.8	29.00	-
11				17.9	0	7.8									
12															
13															
14							16.0	9.84	5.8						
15													11.5	29.00	-
18													11.4	29.00	7.2

Time: 1030

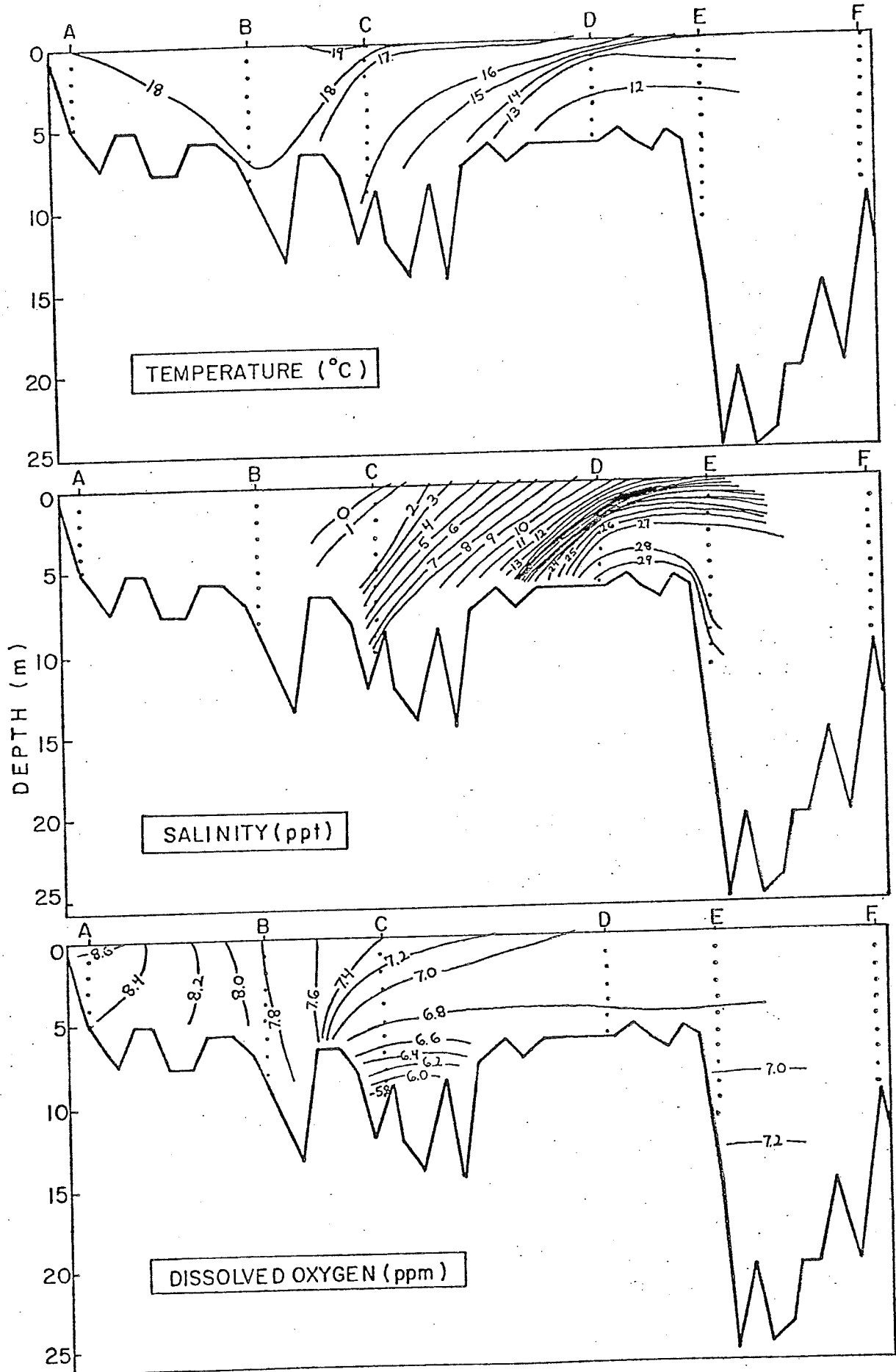
1130

1220

1345

1410

13 September 1972



18 July 1973 D + E  
 Date: 19 July 1973 A, B, + C

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	24.7	0	7.0	24.5	0	5.9	23.4	2.28	5.6	17.7	13.16	6.0	13.7	21.40	7.2
1	24.0	0	-	24.3	0	-	23.0	3.04	-	15.8	16.24	-	12.4	23.68	-
2	23.4	0	-	24.2	0	-	22.6	3.48	-	12.8	22.12	-	12.0	24.72	-
3	23.0	0	-	24.1	0	-	-	-	-	11.0	25.24	-	10.9	25.52	-
4	23.4	0	7.0	23.6	0.24	-	20.8	5.80	-	10.6	26.32	7.6	10.6	26.36	-
5	23.4	0	-	23.6	0.32	-	-	-	-	10.2	26.80	-	10.0	27.40	-
6	23.4	0	-	23.6	0.32	-	20.2	7.40	-	9.7	28.00	-	10.0	27.68	-
7	23.4	0	-	23.6	0.32	-	-	-	-	9.5	28.29	-	9.6	28.00	-
8	23.4	0	7.2	23.6	0.16	5.5	19.5	8.32	4.8	9.5	28.48	7.9	9.6	28.24	-
9	-	-	-	23.6	0.16	-	-	-	-	9.4	28.48	-	9.1	28.52	-
10	-	-	-	23.6	0.48	-	19.1	8.64	-	-	-	-	9.3	28.92	-
11	-	-	-	23.7	0.60	-	-	-	-	-	-	-	9.1	28.92	8.0
12	-	-	-	23.5	0.40	-	18.6	9.80	-	-	-	-	-	-	-
13	-	-	-	23.6	0.52	-	-	-	-	-	-	-	-	-	-
14	-	-	-	23.5	0.44	-	18.9	10.20	4.7	-	-	-	-	-	-
15	-	-	-	23.5	0.52	5.5	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	9.1	29.04	-	-	-	-
22	-	-	-	-	-	-	-	-	-	9.0	29.04	8.4	-	-	-

Time: 1300

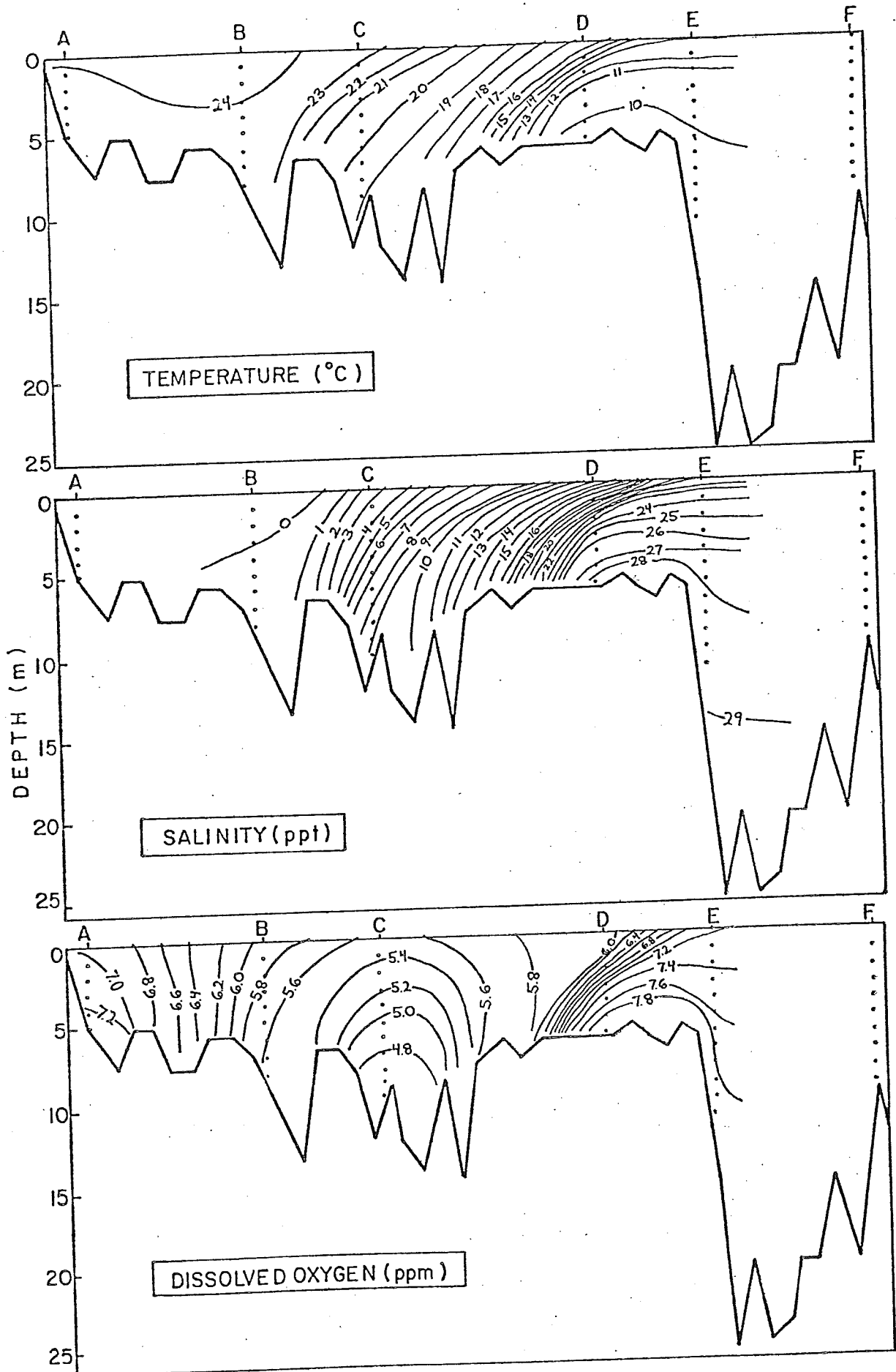
1355

1420

1305

1347

18,19 July 1973



20 August 1973 D + E  
 Date: 21 August 1973 A, B, + C

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	24.4	0	7.6	24.4	0.80	6.0	24.2	2.56	5.4	22.4	13.2	5.8	14.8	21.68	6.6
1	24.3	0	-	24.5	0.88	-	23.6	3.76	-	13.5	24.68	-	14.7	22.00	-
2	24.2	0	-	24.4	0.90	-	23.3	3.80	-	13.2	25.20	-	14.7	22.00	-
3	24.2	0	-	-	-	-	-	-	-	12.7	26.08	-	-	-	-
4	24.1	0	7.5	24.4	1.12	-	21.7	7.12	-	12.4	26.68	-	14.5	22.00	-
5	24.1	0	-	-	-	-	-	-	-	12.2	27.16	6.9	-	-	-
6	24.1	0	-	24.0	1.20	5.5	20.5	9.08	0	12.1	27.16	-	14.8	22.08	-
7	24.1	0	-	-	-	-	-	-	-	11.7	28.12	-	-	-	-
8	24.0	0	7.4	23.6	2.16	-	19.8	11.28	5.1	11.6	28.14	-	14.8	22.08	-
9	-	-	-	-	-	-	-	-	-	11.4	28.44	7.0	-	-	-
10	-	-	-	23.3	2.40	-	19.3	11.76	-	13.4	24.28	7.3	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	23.1	3.32	5.1	18.9	13.44	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	18.6	13.40	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	12.7	27.08	7.1	-	-	-
16	-	-	-	18.5	13.64	5.1	-	-	-	-	-	-	-	-	-

Time: 1350

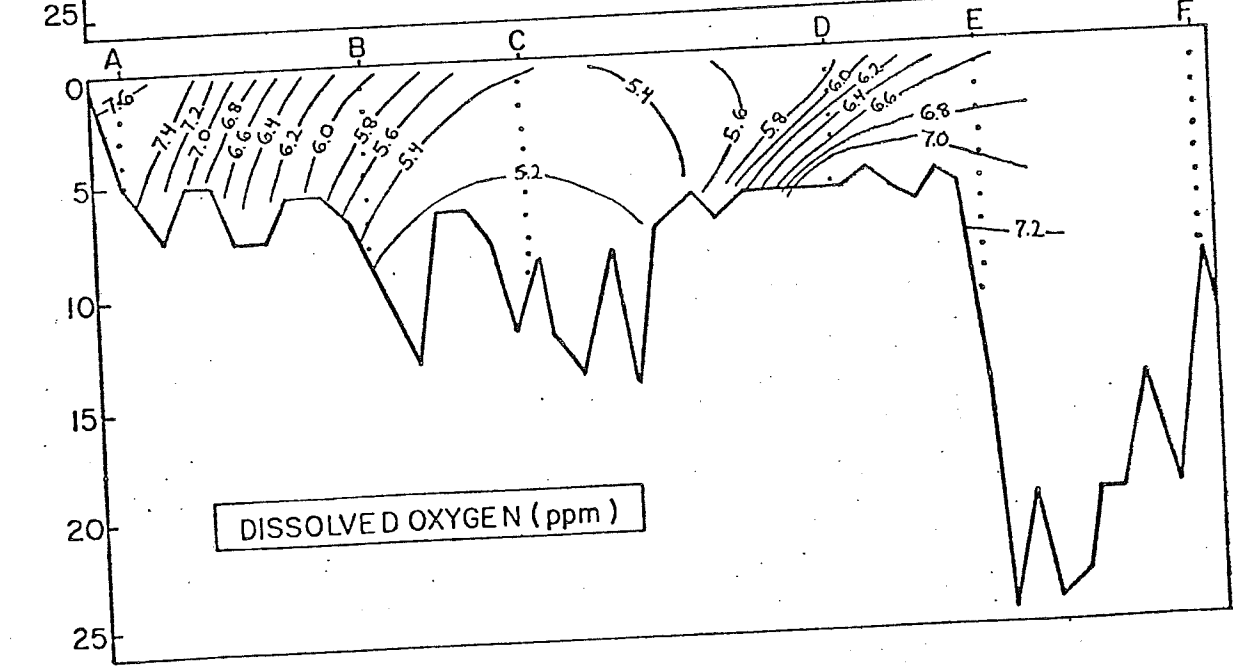
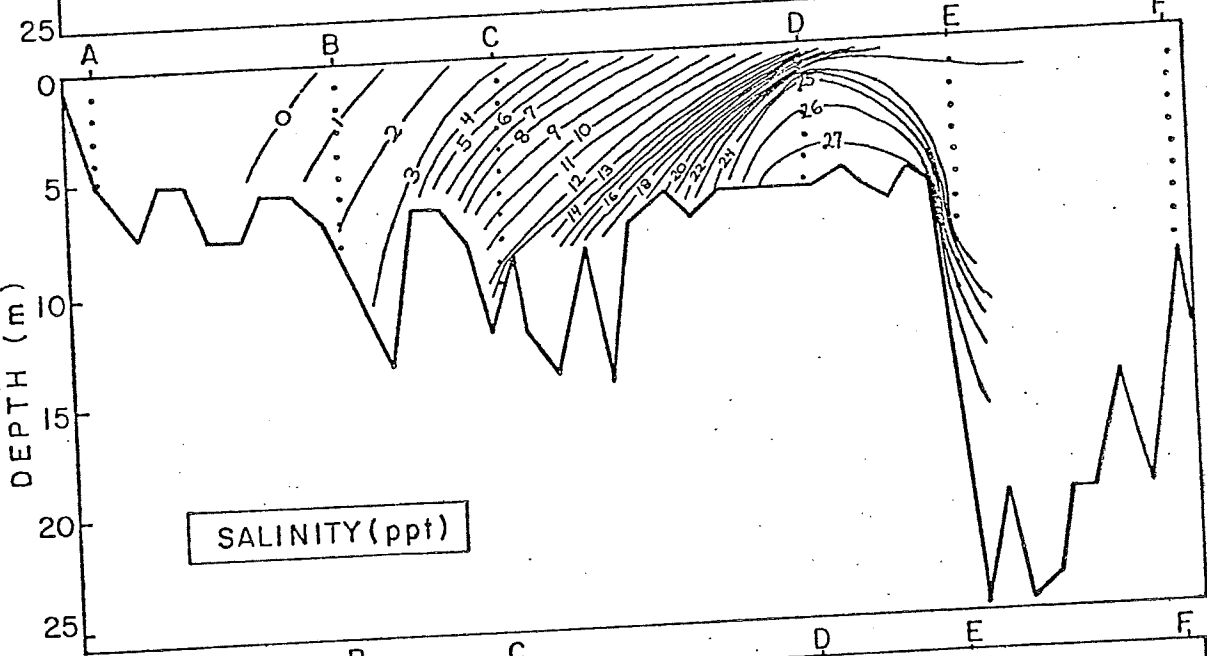
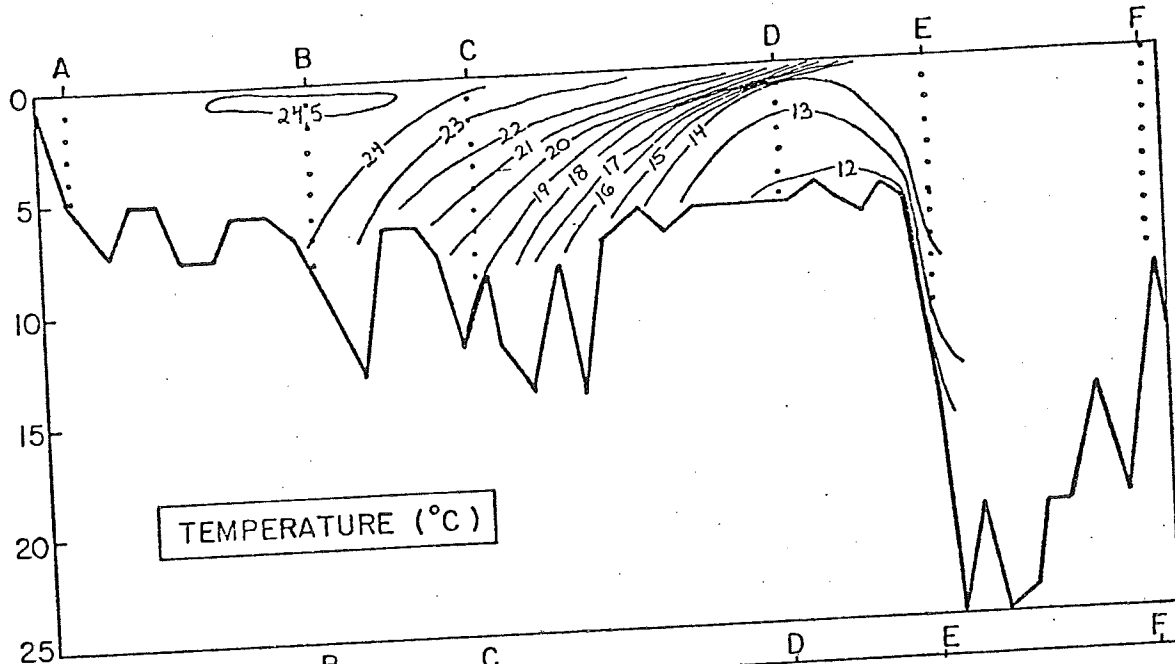
1630

1650

1445

1345

20,21 August 1973





Date: 26 April 1974

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	3.8	0	n	4.0	0	n	3.8	0	n	3.7	0.72	n	3.8	3.12	n
1	3.7	0	o	3.7	0	o	3.7	0	o	3.5	0.72	o	3.5	3.64	o
2	3.7	0	t	3.8	0	t	3.6	0	t	3.3	0.72	t	3.4	4.32	t
3	3.7	0		3.8	0		3.6	0		3.3	0.72		3.4	4.60	
4	3.6	0	m	3.8	0	m	3.8	0	m	3.3	0.80	m	3.5	4.80	m
5	3.6	0	e	3.8	0	e	3.9	0	e	3.3	1.16	e	3.4	4.76	e
6	3.6	0	a			a	3.9	0	a	3.3	1.28	a	3.5	4.76	a
7	3.6	0	s			s	3.9	0	s			s	3.4	5.00	s
8	3.6	0	u			u	3.9	0	u			u	3.5	5.12	u
9	3.6	0	r			r	3.7	0	r			r	3.4	5.28	r
10			e			e	3.9	0	e			e	3.3	6.00	e
11			d			d	3.6	0	d			d	3.3	7.52	d
12													3.3	8.36	
13															
14															
15															

Time: 1400

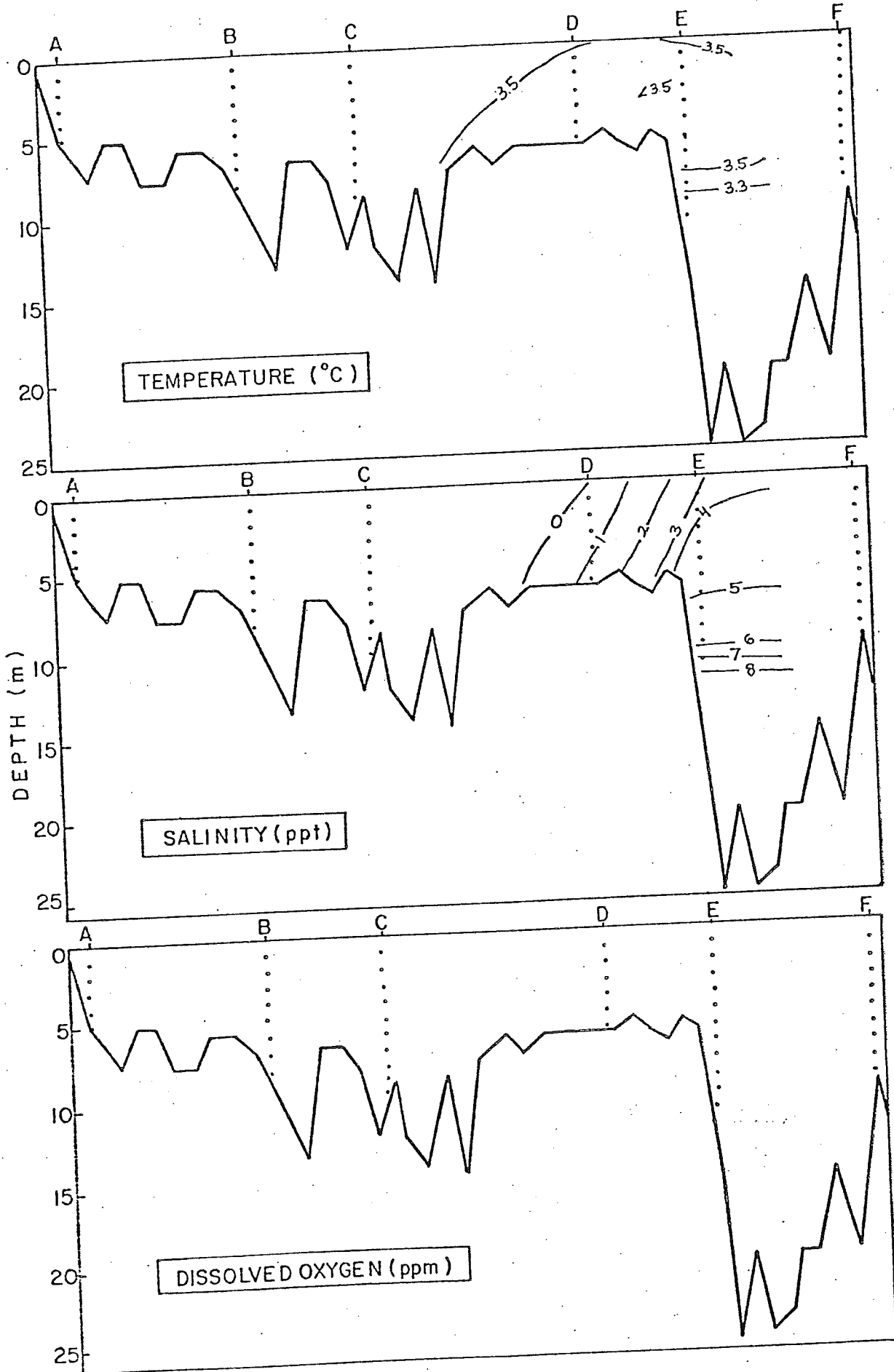
1245

1140

0955

0900

26 April 1974



Date: 10 May 1974

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	6.7	0	13.7	6.8	0	13.4	6.8	0	13.3	6.8	0	12.7	7.2	1.76	12.8
1	6.8	0	13.7	6.8	0	13.4	6.8	0	13.3	6.9	0	13.1	7.0	2.20	12.8
2	6.8	0	13.7	6.8	0	13.4	6.8	0	13.4	6.9	0	13.1	6.8	3.40	13.0
3	6.8	0	13.7	6.8	0	13.4	6.8	0	13.1	6.7	2.88	13.1	6.8	3.80	12.8
4	6.6	0	13.7	6.8	0	13.6	6.8	0	13.1	6.8	3.68	13.2	6.6	4.44	12.8
5	6.6	0	13.7	6.8	0	13.6	6.8	0	13.1	6.8	4.48	13.1	6.6	5.00	13.0
6	6.6	0	13.7	6.8	0	13.7	6.8	0	13.2	6.8	5.28	13.2	6.5	5.28	12.8
7	6.9	0	13.8				6.8	0	13.1	6.4			6.4	5.52	13.0
8	6.8	0	13.8				6.8	0	13.2	6.4			6.4	5.64	12.8
9							6.8	0	13.3	6.4			6.4	6.12	12.7
10							6.8	0	13.3	6.4			6.4	6.32	12.2
11							6.8	0	13.3	6.1			6.1	7.32	11.8
12										5.6			5.6	12.76	11.5
13										5.3			5.3	16.16	11.5
14										4.4			4.4	27.40	-
15										4.4			4.4	27.28	-

Time: 1320

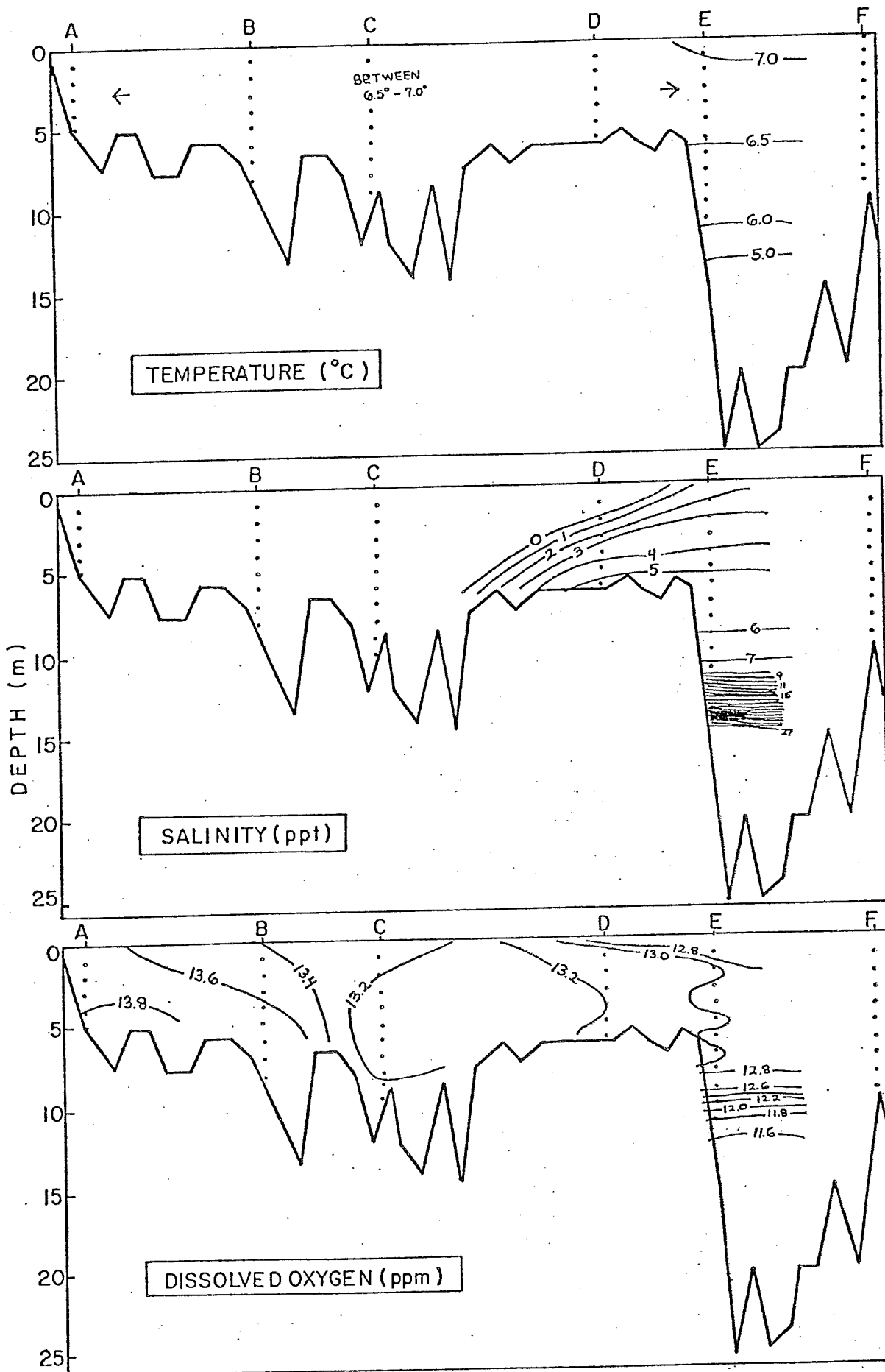
1230

1130

1030

0852

10 May 1974

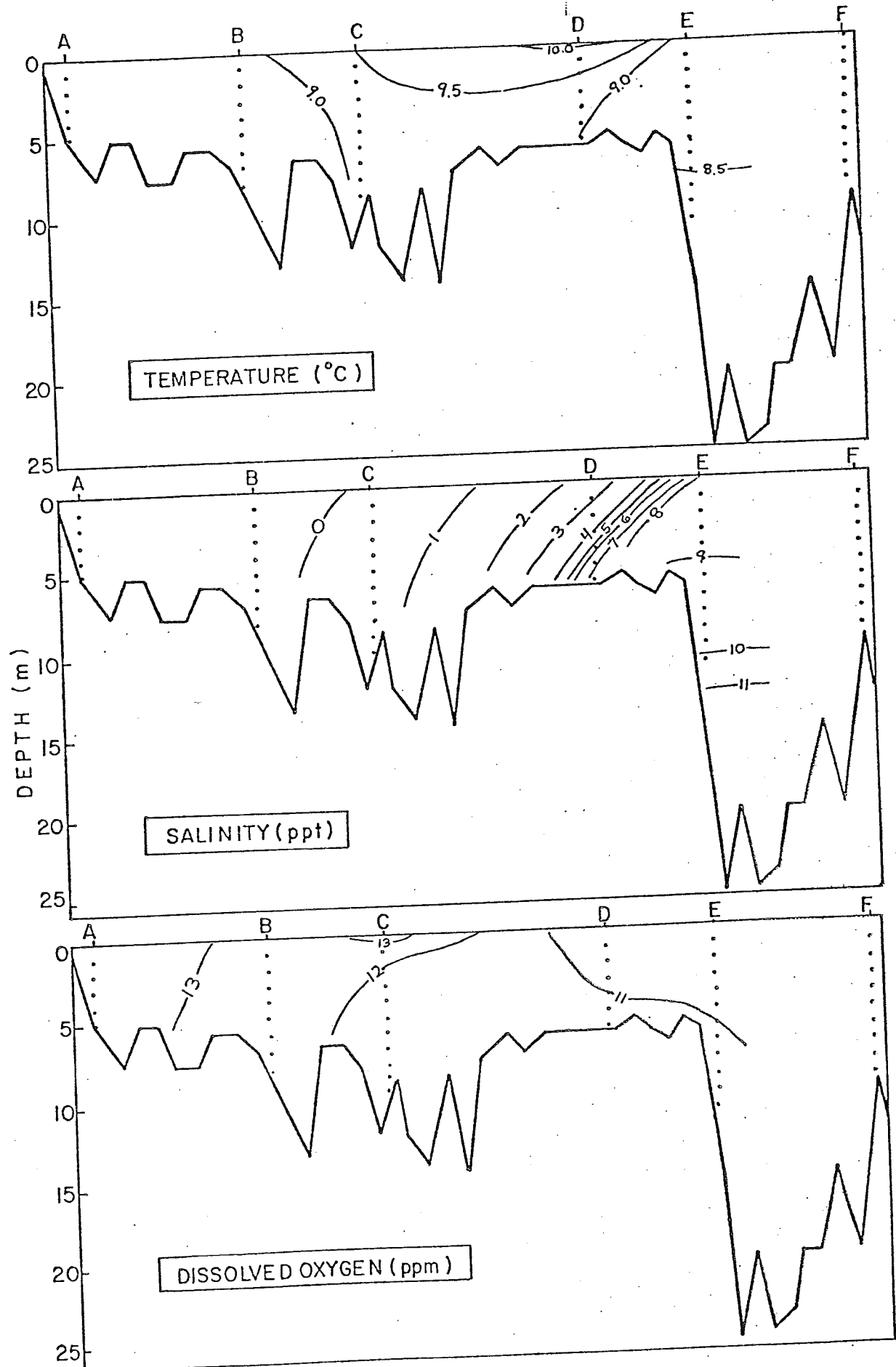


28 May 1974 A, B, + C  
 Date: 29 May 1974 D + E

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	9.0	0	13.6	9.0	0	12.6	9.5	0.56	13.8	10.0	2.12	11.4	8.9	8.00	10.7
1	9.0	0	13.7	9.0	0	12.6	9.5	0.48	12.9	9.8	2.52	11.5	8.9	7.80	10.8
2	9.0	0	13.7	9.0	0	12.5	9.4	0.60	11.9	9.7	3.24	11.5	8.8	8.00	10.7
3	9.0	0	13.6	9.0	0	12.6	9.4	0.56	11.7	9.4	3.76	11.4	8.7	8.40	10.9
4	9.0	0	13.7	9.0	0	12.4	9.3	0.56	11.9	9.4	5.08	11.2	8.7	8.40	10.8
5	9.0	0	13.7	9.0	0	12.6	9.3	0.56	11.8	9.0	6.76	10.9	8.6	8.68	10.8
6	9.0	0	13.6				9.2	0.60	11.9				8.6	9.80	10.4
7	9.0	0	13.5				9.2	0.48	11.9				8.6	8.92	10.9
8							9.3	0.60	11.8				8.6	9.52	11.1
9							9.2	0.56	11.9				8.6	9.28	10.9
10							9.3	0.60	11.8				8.6	9.36	11.0
11							9.2	0.56	11.8				8.3	10.04	11.1
12							9.2	0.56	11.8				8.3	10.80	11.1
13							9.2	0.60	11.7				8.2	11.00	11.0
14							9.2	0.60	11.8						
15															

Time: 1025 1135 1250 1145 1035

28,29 May 1974



Date: 6 August 1974

Station- Depth (m)	A				B				C				D				E			
	Temp. °C	Sal. ppt	DO ppm		Temp. °C	Sal. ppt	DO ppm		Temp. °C	Sal. ppt	DO ppm		Temp. °C	Sal. ppt	DO ppm		Temp. °C	Sal. ppt	DO ppm	
0	not sampled				25.4	0.56	4.8	4.8	24.9	2.64	4.8	4.8	16.9	20.28	6.0	6.0	17.0	16.76	5.4	
1				24.3	1.80	4.7	4.3	23.1	4.40	4.3	4.3	4.3	15.3	23.52	6.4	6.4	17.0	18.64	5.5	
2				23.6	2.32	4.4	3.8	22.1	6.32	3.8	3.8	3.8	14.5	24.28	6.7	6.7	16.5	20.20	5.8	
3				23.5	2.40	4.3	4.0	21.8	6.84	4.0	4.0	4.0	14.3	24.44	6.9	6.9	16.3	20.00	5.8	
4				23.4	2.60	4.3	3.9	21.4	7.28	3.9	3.9	3.9	14.2	24.44	6.9	6.9	16.1	20.60	5.9	
5				23.2	3.24	4.2	3.7	20.6	9.04	3.7	3.7	3.7	14.1	24.88	6.9	6.9	16.1	20.12	5.9	
6				22.9	3.56	4.2	3.5	20.2	9.60	3.5	3.5	3.5	14.0	25.12	6.9	6.9	16.1	20.48	5.9	
7				22.9	3.56	4.1							13.3	26.40	7.3	7.3	16.0	20.60	5.9	
8				22.9	3.56	4.1							13.2	26.72	7.4	7.4	16.0	21.00	5.9	
9													13.1	26.72	7.4	7.4	15.8	20.40	6.0	
10																	15.7	21.51	6.1	
11																	15.4	21.64	6.2	
12																	13.2	27.36	-	
13																	13.2	27.24	-	
14																	13.3	27.24	-	
15																	13.0	27.40	-	
23																	13.0	27.68	-	

Time:

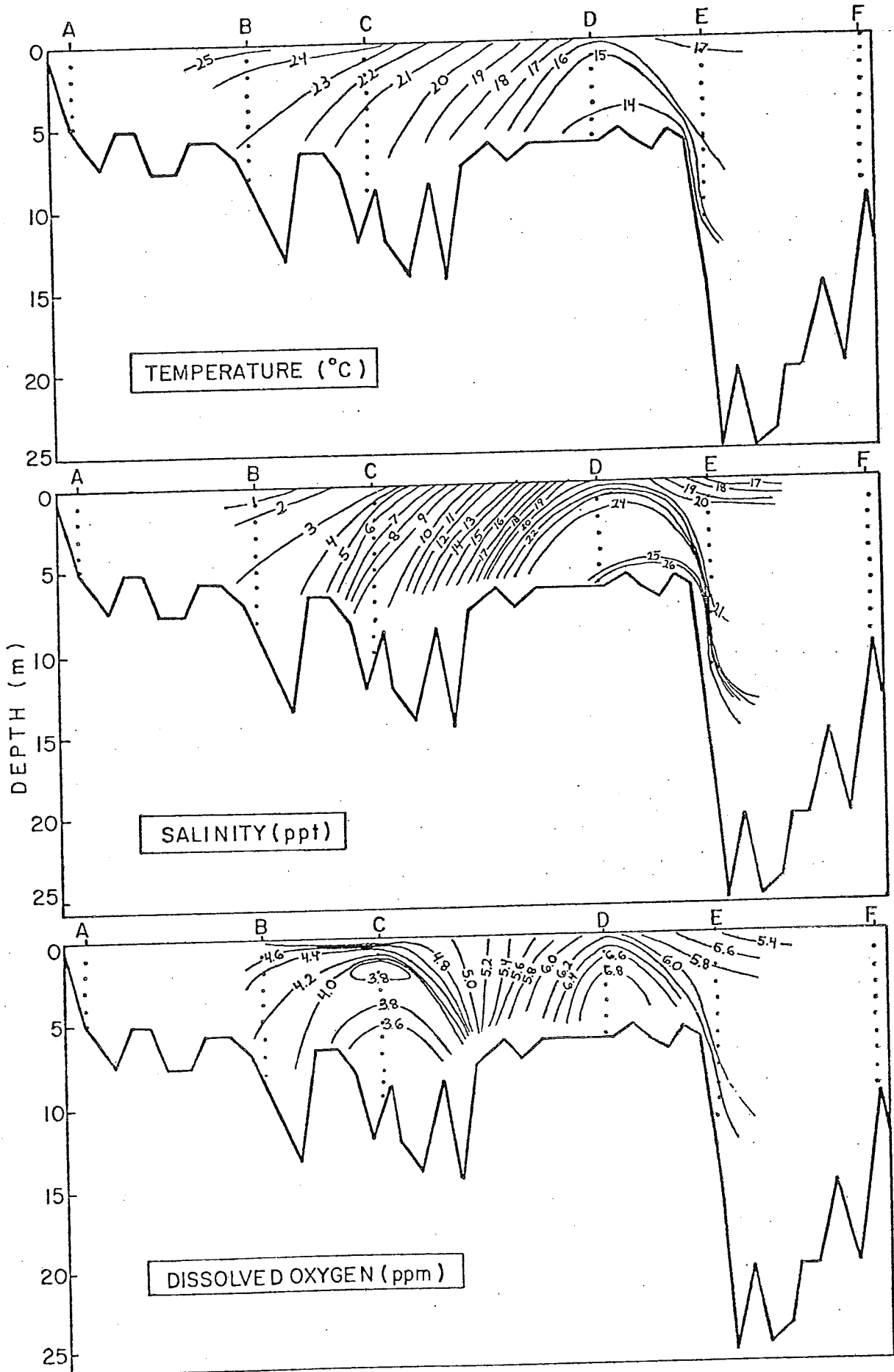
1337

1311

1140

1045

6 August 1974





Date: 19 August 1974, A, B, + C; 21 August 1974, D + E

Station- Depth (m)	A			B			C			D			E			F		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	25.1	0	7.8	23.9	1.60	4.2	23.4	1.60	3.4	16.3	22.80	5.8	17.1	19.96	5.1	16.5	21.76	4.7
1	24.9	0	7.6	23.5	1.84	3.8	23.1	2.00	3.3	16.0	23.44	5.5	16.4	20.96	5.4	15.9	23.56	5.0
2	24.6	0	7.7	23.2	2.44	3.6	23.0	2.40	3.2	15.6	24.12	5.5	16.1	22.76	5.4	15.3	24.72	5.8
3	24.4	0	7.7	23.1	2.70	3.6	23.0	3.08	2.9	15.4	24.36	5.6	16.0	23.24	5.6	14.3	26.92	6.5
4	24.3	0	7.7				22.8	3.40	2.7	15.3	24.68	5.6	16.0	23.24	5.5	14.0	26.92	6.6
5	24.2	0	7.8				22.8	3.50	2.8	15.1	24.80	5.7	16.0	23.24	5.5	13.3	28.16	7.2
6	24.1	0	7.8				22.6	3.80	2.8	14.9	25.16	5.8	16.0	23.24	5.5	12.6	29.60	7.7
7	24.0	0	7.8				22.5	4.00	2.6	14.8	25.36	5.9	16.0	23.24	5.5	12.5	29.76	7.9
8	24.0	0	7.7				22.5	4.12	2.5	14.2	26.56	6.2	15.9	23.52	5.6			
9							22.4	4.16	2.5				15.9	23.52	5.6			
10							22.3	4.64	2.4				15.9	23.52	5.7			
11																		
12																		
13																		
14																		
15																		

Time: 1305

1110

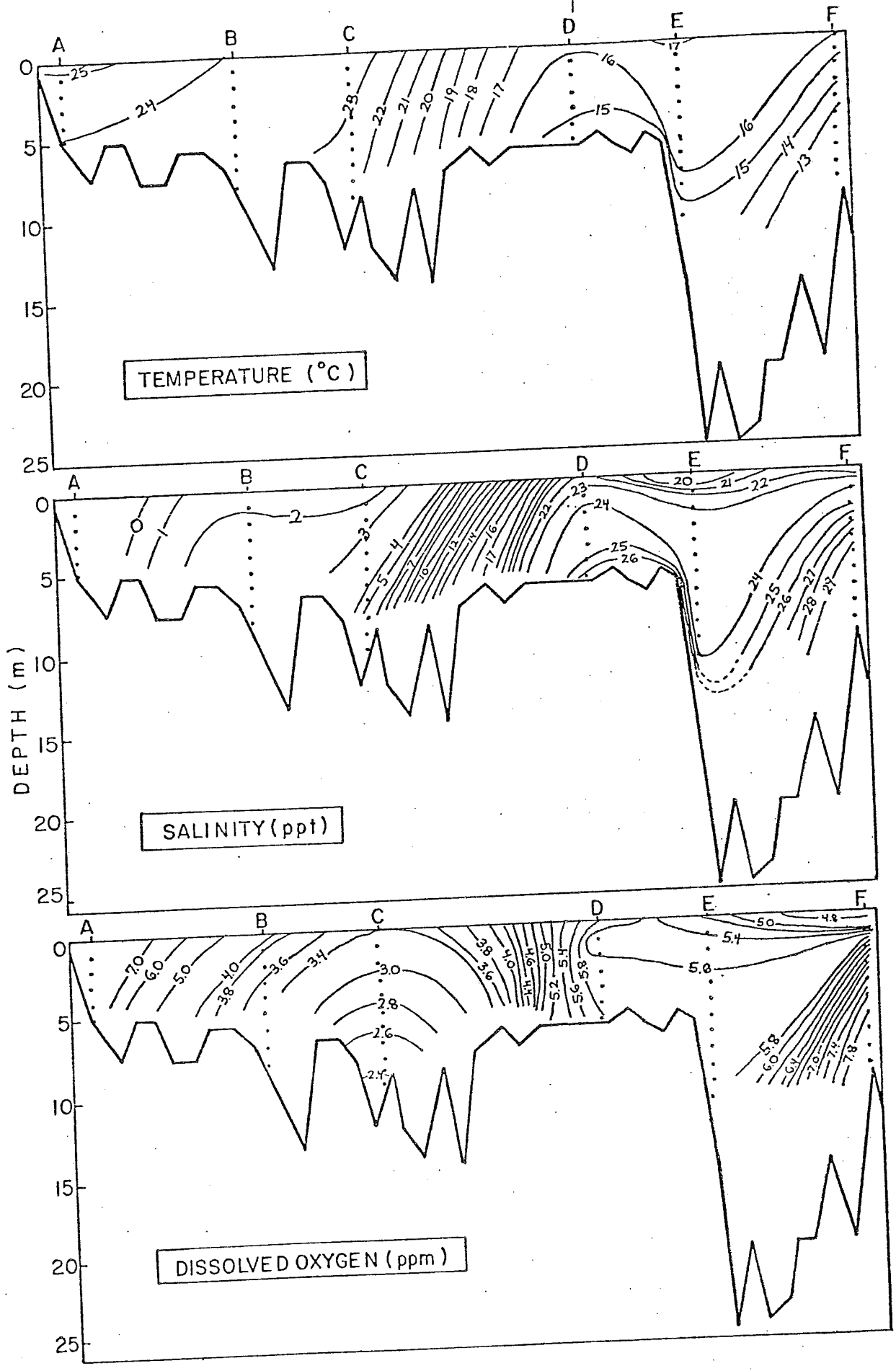
0830

1230

1130

1010

19,21 August 1974



Date: 21 October 1974

Station- Depth (m)	A			B			C			D			E			F			
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	
0	5.5	0	11.5	6.3	1.36	10.4	7.1	2.60	9.7	8.2	15.80	8.4	9.4	23.28	7.5	9.5	26.92	7.8	
1	5.5	0	11.2	6.4	1.36	10.1	7.2	3.60	9.3	8.5	17.00	7.6	9.6	24.76	7.3	9.7	26.96	7.6	
2	5.6	0	11.1	6.5	1.68	9.8	7.2	4.08	8.9	9.0	18.28	7.3	9.5	24.76	7.0	9.7	26.96	7.5	
3	5.7	0	11.1	6.8	1.84	9.4	7.2	4.72	8.7	9.2	21.28	7.1	9.5	24.76	7.0	9.8	27.52	7.4	
4	5.7	0	11.2	6.9	2.04	9.1	8.0	4.28	8.0	10.0	24.48	6.6	9.5	24.76	7.0	10.1	29.12	7.1	
5	5.8	0	11.2	7.0	2.04	9.1	8.0	9.28	7.5	10.0	26.24	6.5	9.5	24.12	7.0	11.0	31.76	6.7	
6				7.0	2.24	9.0	8.3	9.84	6.8	10.1	27.60	6.4	9.7	24.12	7.0	11.0	31.76	6.7	
7				7.0	2.36	9.0	8.5	10.60	6.6	10.3	28.48	6.4	9.7	24.88	7.0	11.0	31.76	6.6	
8				7.1	3.60	8.6	8.7	12.28	6.2	10.3	29.04	6.3	9.8	24.96	7.0	11.0	31.76	6.6	
9				7.1	3.68	8.4				10.3	29.12	6.3	9.8	25.88	7.0	11.0	33.32	8.0	
10				7.1	3.88	8.4							9.9	25.84	7.0				
11																			
12																			
13																			
14																			
15																			

Time: 1010

1105

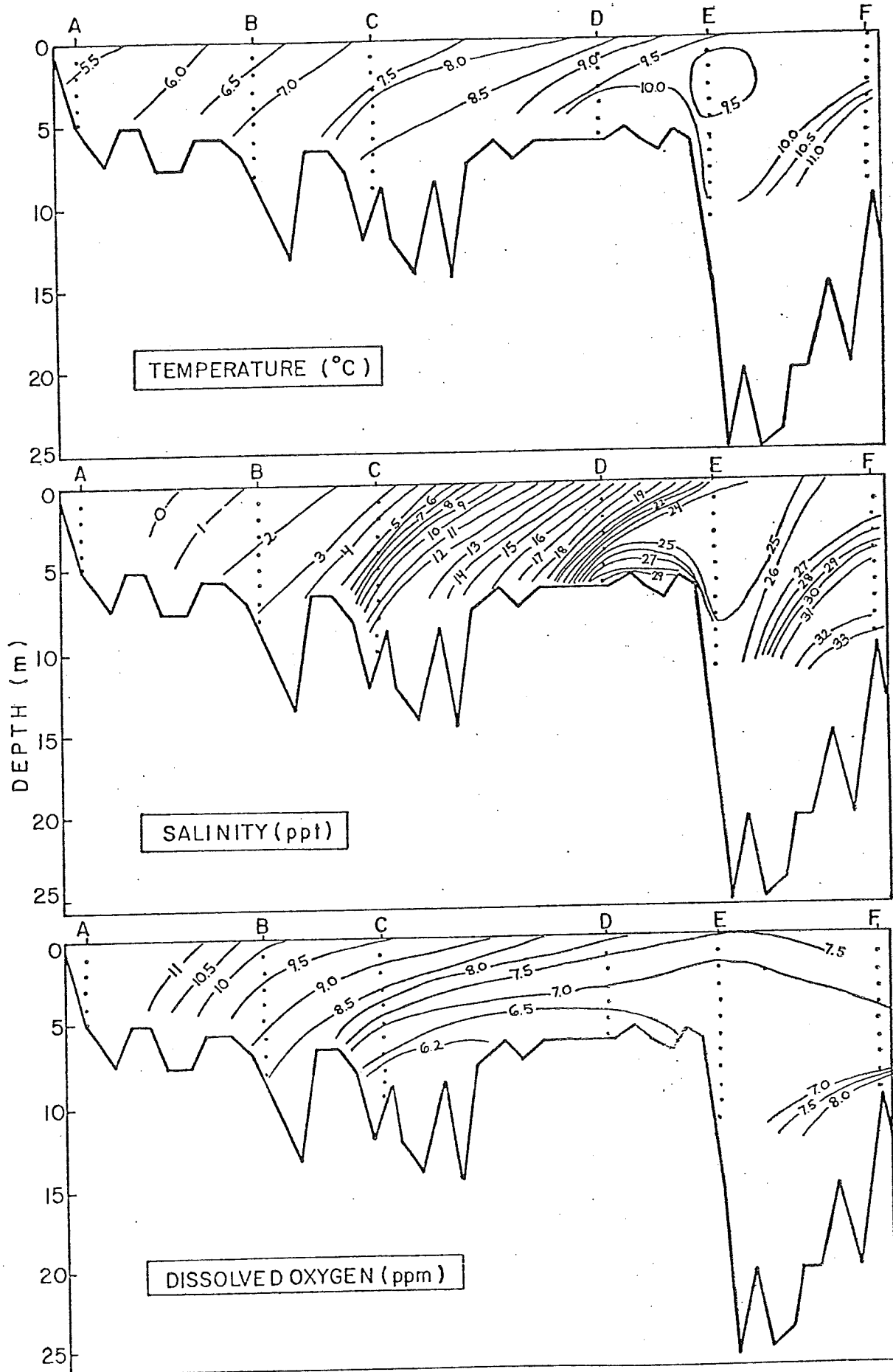
1145

1319

1405

1500

21 October 1974



Date: 30 June 1975

Station- Depth (m)	A				B				C				D				E				F			
	Temp. °C	Sal. ppt	DO ppm	DO ppm	Temp. °C	Sal. ppt	DO ppm	DO ppm	Temp. °C	Sal. ppt	DO ppm	DO ppm	Temp. °C	Sal. ppt	DO ppm	DO ppm	Temp. °C	Sal. ppt	DO ppm	DO ppm	Temp. °C	Sal. ppt	DO ppm	DO ppm
0	24.5	0	7.5	7.5	25.0	0.60	6.2	6.2	25.0	2.00	6.2	6.2	21.0	10.24	6.6	6.6	19.0	13.52	6.6	6.6	16.2	19.00	7.5	7.5
1	24.5	0	7.0	7.0	24.2	1.00	6.3	6.4	24.3	2.36	6.4	6.4	20.0	11.68	6.5	6.5	17.7	15.08	6.6	6.6	15.0	19.92	7.2	7.2
2	24.5	0	7.0	7.0	24.0	1.20	6.3	6.3	24.3	2.40	6.3	6.4	17.4	15.12	6.4	6.4	14.5	20.08	7.0	7.0	14.1	22.16	7.6	7.6
3	24.5	0	6.9	6.9	24.0	1.52	6.3	6.0	23.0	4.20	6.0	6.0	16.0	17.68	6.4	6.4	13.0	23.24	7.3	7.3	11.8	26.20	7.9	7.9
4	24.5	0	6.8	6.8	23.8	1.80	6.3	6.3	19.1	11.52	5.4	5.4	13.8	21.20	6.7	6.7	13.0	23.24	7.3	7.3	11.4	26.24	7.9	7.9
5	24.5	0	6.9	6.9	23.8	1.84	6.2	6.2	18.9	12.20	5.2	5.2	12.5	24.00	7.1	7.1	12.5	27.88	7.3	7.3	11.0	27.28	8.2	8.2
6	24.5	0	6.9	6.9	23.3	2.28	6.2	6.2	18.6	13.00	5.4	5.4	11.6	25.60	7.4	7.4	12.5	24.32	7.3	7.3	8.8	30.16	8.2	8.2
7	24.5	0	6.9	6.9	23.3	2.52	6.2	6.2	18.8	12.48	5.5	5.5	11.5	25.60	7.4	7.4	10.4	27.28	7.7	7.7	8.7	30.16	8.2	8.2
8					23.2	2.80	6.0	6.0	18.5	13.48	5.5	5.5	11.3	25.72	7.5	7.5	10.0	27.81	7.9	7.9				
9					23.0	3.28	5.8	5.8	18.3	13.48	5.4	5.4					10.0	28.68	8.0	8.0				
10									18.1	13.60	5.3	5.3												
11									18.0	13.60	5.5	5.5												
12																								
13																								
14																								
15																								

Time: 1640

1500

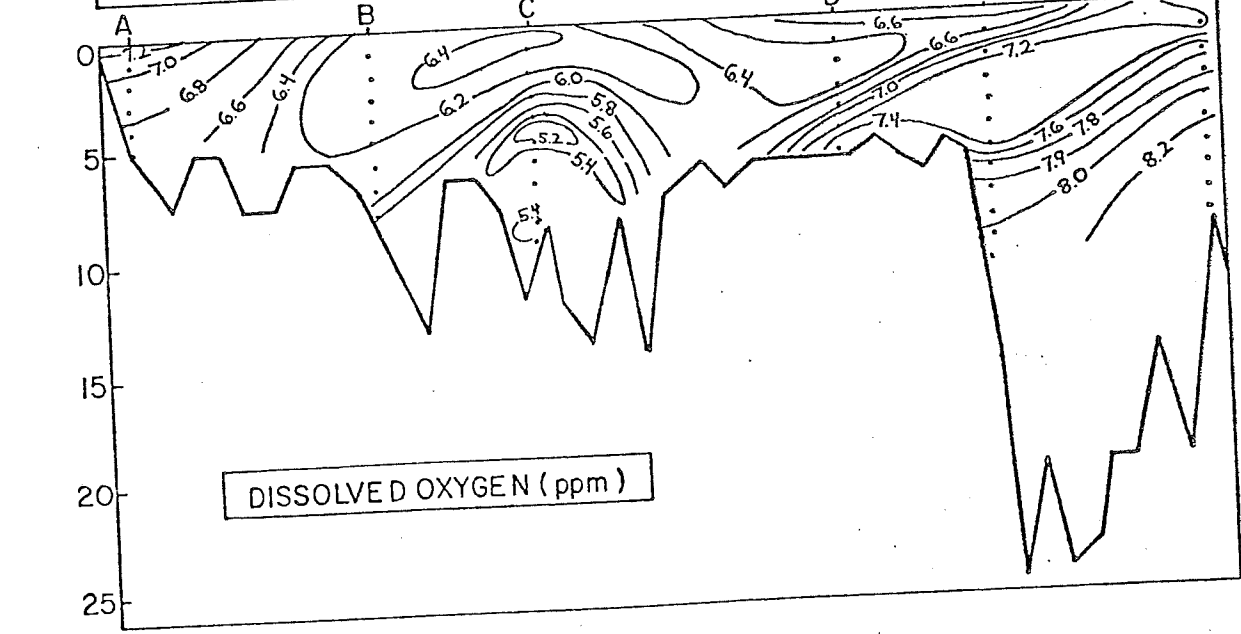
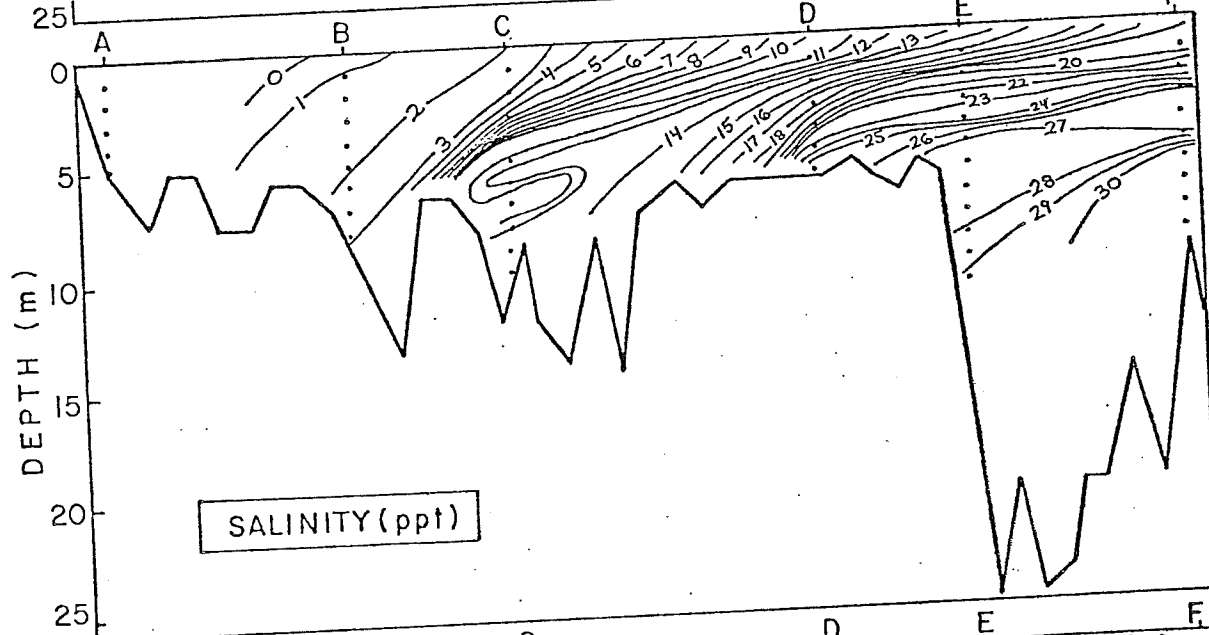
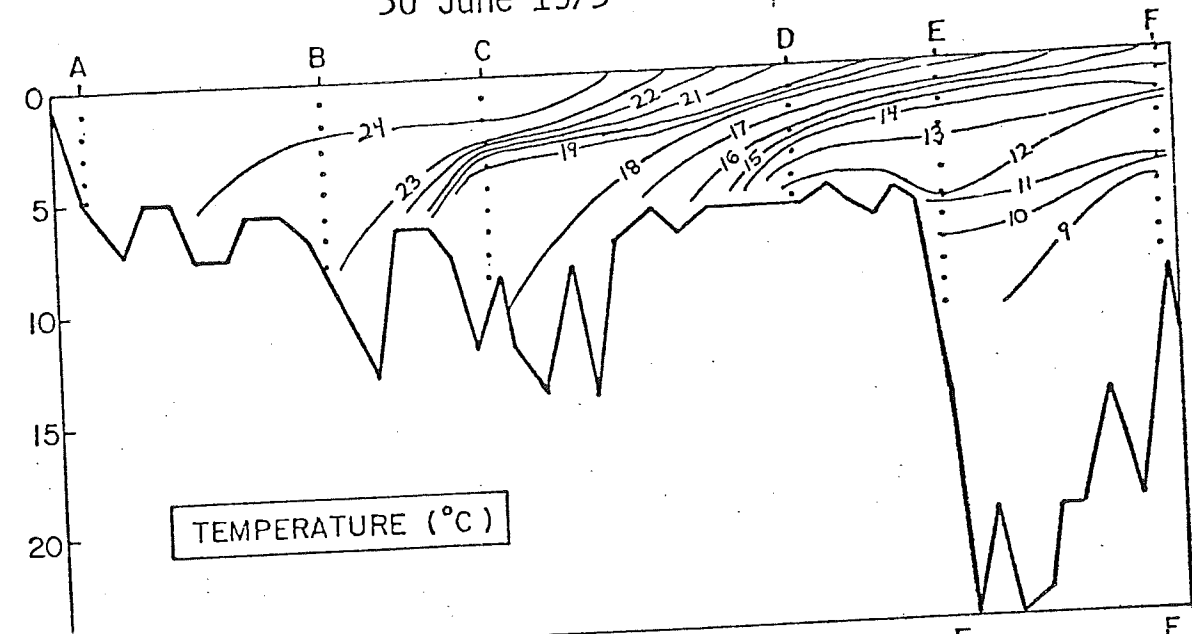
1435

1400

1335

1230

30 June 1975

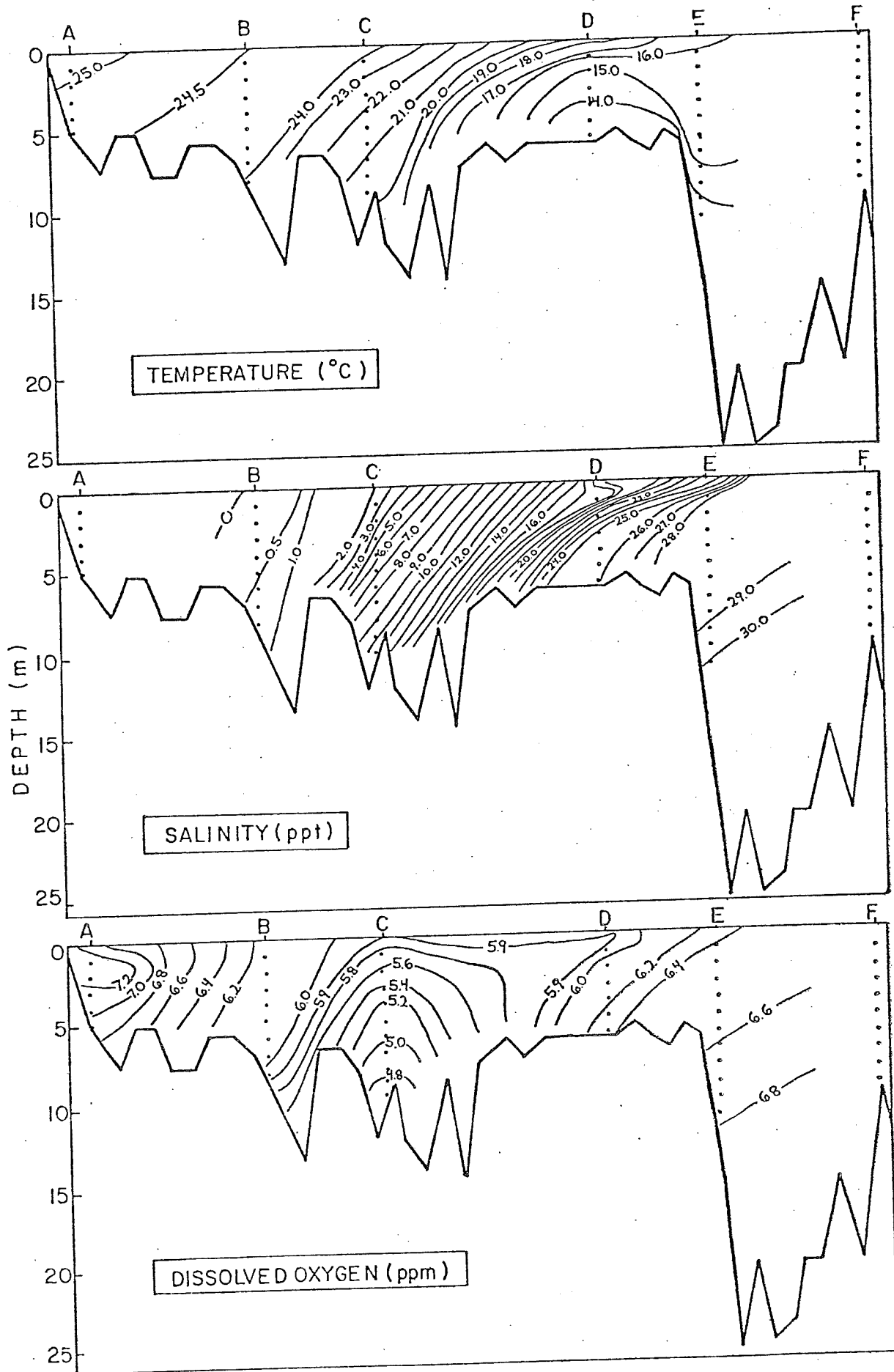


Date: 17 July 1975

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	25.1	0	7.0	24.5	0.36	6.1	24.5	2.00	5.9	19.9	19.38	5.9	16.4	23.82	6.5
1	25.0	0	7.2	24.2	0.36	6.1	24.1	2.64	5.8	17.9	18.64	6.0	16.1	28.26	6.4
2	24.9	0	7.2	24.2	0.36	6.1	23.3	3.72	5.5	15.7	22.48	6.1	15.8	28.32	6.4
3	24.8	0	7.1	24.2	0.52	6.1	22.8	4.32	5.4	14.0	24.96	6.1	15.4	28.20	6.5
4	24.8	0	7.0	24.2	0.52	6.0	22.3	5.32	5.2	14.0	25.08	6.2	15.4	28.26	6.5
5	24.8	0	7.0	24.0	0.56	6.0	21.5	6.52	5.2	13.8	25.48	6.2	15.4	28.26	6.5
6	24.7	0	6.8	24.0	0.60	6.0	21.2	7.60	5.1	13.5	25.80	6.3	15.3	28.50	6.5
7				24.0	0.60	6.0	21.0	8.60	4.9	13.0	26.24	6.6	15.3	28.62	6.6
8				24.0	0.60	6.0	20.5	8.96	4.7	12.8	26.60	6.6	15.3	28.80	6.6
9				24.0	0.60	5.9	20.1	9.20	4.8				14.9	29.10	6.7
10				24.0	0.88	5.8	20.0	10.28	4.9				14.8	29.70	6.7
11				24.0	1.08	5.7	19.9	10.60	4.8				14.0	30.48	6.7
12				24.0	1.08	5.6	19.9	10.64	4.8				14.0	30.60	6.8
13															
14															
15															

Time: 1450 1900 1835 1800 1730

17 July 1975





Date: 6 August 1975

Station- Depth (m)	A				B				C				D				E				F			
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	24.9	0.22	7.1	23.5	4.20	5.5	22.2	8.38	5.3	16.0	22.46	6.4	16.5	24.30	6.4	14.5	26.06	7.3						
1	24.9	0.22	7.1	23.5	5.11	5.4	22.1	8.68	5.3	15.9	22.46	6.3	14.8	24.30	6.6	14.0	26.06	7.3						
2	24.9	0.22	7.2	23.5	5.36	5.2	22.1	8.72	5.3	15.6	22.55	6.2	14.5	24.30	6.6	13.7	26.06	7.3						
3	24.9	0.22	7.1	23.4	5.64	5.1	21.0	11.76	5.0	15.5	22.40	6.2	14.5	24.30	6.6	13.7	26.06	7.4						
4	24.9	0.22	7.1	23.1	6.14	4.8	20.5	12.36	5.0	15.5	22.46	6.3	14.0	25.22	6.8	13.5	26.50	7.4						
5	24.9	0.22	7.1	23.0	7.12	4.7	20.4	12.38	5.0	14.5	24.34	6.4	14.0	25.22	6.8	13.5	26.50	7.4						
6	24.9	0.22	7.1	22.8	7.50	4.6	20.0	12.72	4.9	14.0	24.74	6.4	14.0	25.22	6.8	13.5	26.66	7.4						
7	24.8	0.22	7.0	22.8	7.50	4.6	20.0	13.54	4.8	13.9	24.92	6.4	14.0	25.50	6.8	13.5	28.50	7.4						
8	24.8	0.22	7.0	22.7	7.74	4.6	20.0	13.54	4.8	13.6	25.24	6.3	14.0	22.50	6.8	12.0	28.50	7.6						
9	24.8	0.22	6.8	22.5	8.08	4.5	20.0	13.54	4.8	14.0	25.50	6.8	14.0	25.50	6.8	11.8	28.50	7.7						
10							20.0	13.54	4.7															
11																								
12																								
13																								
14																								
15																								

Time: 1000

1110

1135

1210

1230

1355

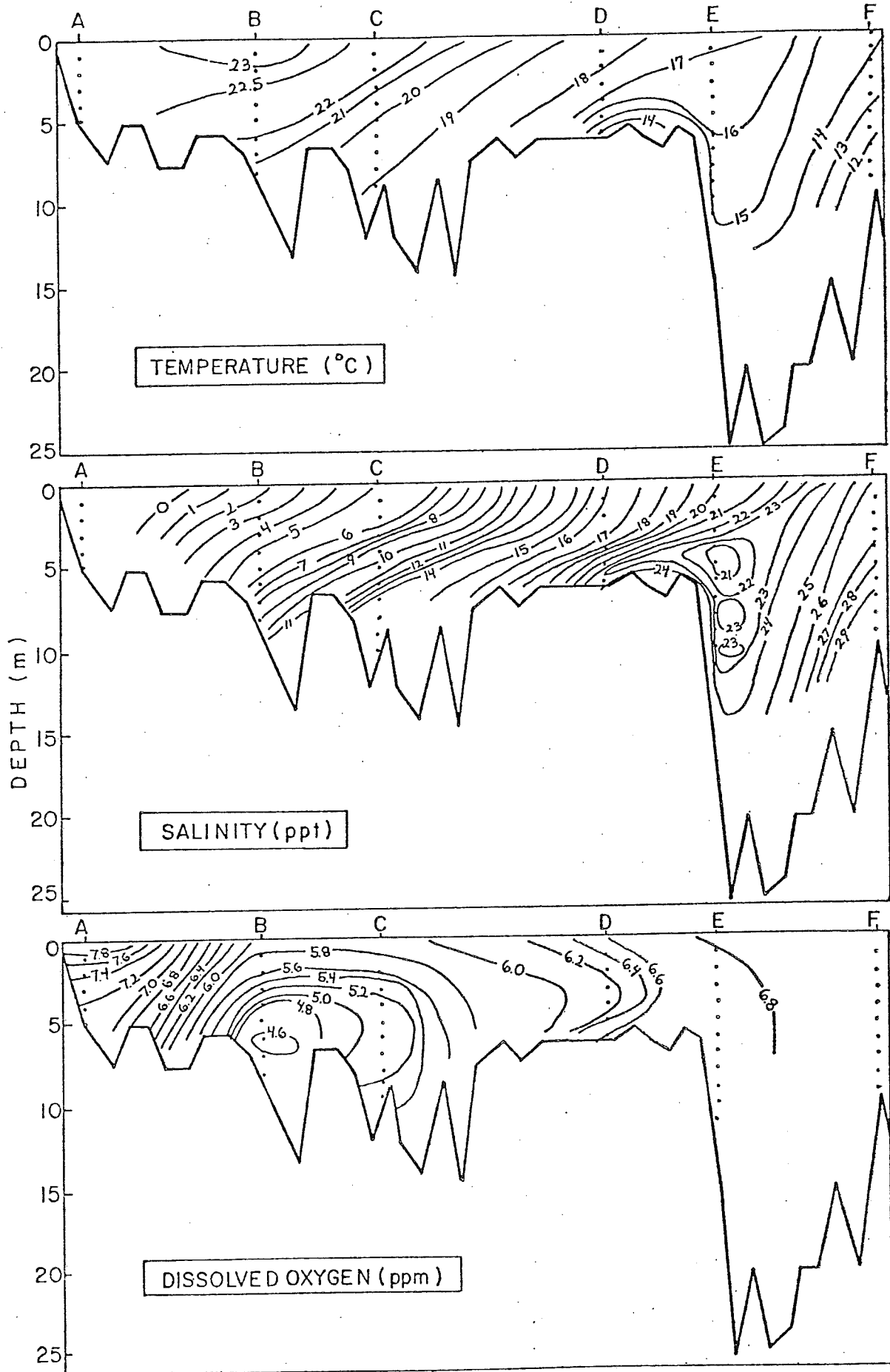


Date: 20 August 1975

Station- Depth (m)	A				B				C				D				E				F				
	Temp. °C	Sal. ppt	DO ppm	DO ppm	Temp. °C	Sal. ppt	DO ppm	DO ppm	Temp. °C	Sal. ppt	DO ppm	DO ppm	Temp. °C	Sal. ppt	DO ppm	DO ppm	Temp. °C	Sal. ppt	DO ppm	DO ppm	Temp. °C	Sal. ppt	DO ppm	DO ppm	
0	22.8	0	7.8	7.8	23.2	2.0	5.9	5.8	22.2	5.2	5.8	5.8	18.2	16.9	6.6	6.6	17.0	20.4	6.9	6.9	14.5	26.5	10.3	10.3	
1	22.9	0	7.6	7.6	23.0	2.6	5.7	5.8	22.2	5.4	5.8	5.8	18.2	16.9	6.4	6.4	17.0	20.8	6.8	6.8	14.0	26.5	10.1	10.1	
2	22.9	0	7.4	7.4	23.0	3.0	5.6	5.7	22.2	5.5	5.7	5.7	18.2	16.9	6.3	6.3	16.5	21.2	6.8	6.8	14.0	26.7	9.9	9.9	
3	22.8	0	7.3	7.3	22.5	4.2	5.2	5.3	21.2	8.3	5.3	5.3	17.8	17.9	6.2	6.2	16.5	23.0	6.8	6.8	13.5	26.9	9.8	9.8	
4	22.7	0	7.1	7.1	22.3	5.5	4.7	5.2	20.8	9.3	5.2	5.2	16.8	19.8	6.2	6.2	16.5	20.8	6.8	6.8	13.2	27.6	9.6	9.6	
5	22.7	0	7.1	7.1	22.2	5.8	4.7	5.1	20.5	10.4	5.1	5.1	15.2	23.1	6.5	6.5	16.5	20.9	6.7	6.7	12.7	28.5	9.1	9.1	
6	22.7	0	7.1	7.1	22.0	7.0	4.6	5.1	19.5	13.1	5.1	5.1	14.5	24.8	6.6	6.6	15.8	21.9	6.7	6.7	12.5	28.8	9.1	9.1	
7	22.7	0	7.0	7.0	21.5	8.3	4.7	5.2	19.2	14.3	5.2	5.2	14.0	25.9	6.9	6.9	15.5	23.3	6.7	6.7	12.0	29.6	9.1	9.1	
8	22.8	0	7.0	7.0	21.0	9.2	4.7	5.2	19.2	14.5	5.2	5.2					15.5	23.3	6.7	6.7					
9	22.8	0	7.0	7.0	21.0	11.2	4.7	5.4	19.0	14.5	5.4	5.4					15.5	22.8	6.8	6.8					
10					20.5	11.2	4.7	5.4	19.0	14.5	5.4	5.4					15.5	23.2	6.8	6.8					
11					20.5	11.2	4.7	5.4	19.0	14.6	5.4	5.4					15.5	23.0	6.7	6.7					
12					20.5	11.3	4.9	5.5	19.0	14.9	5.5	5.5													
13					20.5	11.3	4.8																		
14																									
15																									

Time: 1210 1310 1405 1510 1540

20 August 1975



Date: 18 September 1975

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	15.8	0.48	8.6	15.7	1.36	8.7	15.5	3.80	8.1	14.5	12.84	8.8	14.2	19.16	8.7
1	15.8	0.48	8.7	15.9	1.52	8.4	14.0	4.40	8.6	14.0	18.92	8.6	14.0	19.92	8.2
2	15.8	0.48	8.7	16.0	2.08	8.3	15.7	5.60	7.7	13.5	22.20	8.6	13.8	20.60	8.2
3	15.8	0.48	8.7	16.0	2.08	8.2	15.5	6.08	7.1	13.5	22.20	8.6	13.5	21.68	8.4
4	15.8	0.48	8.7	16.0	2.56	8.1	15.5	8.24	7.1	13.5	22.48	8.7	13.7	21.68	8.4
5	15.8	0.48	8.7	16.0	2.56	8.0	15.5	9.32	7.0	13.4	22.68	8.7	13.5	21.88	8.4
6	15.8	0.48	8.7	16.0	2.80	8.0	15.3	10.40	7.0	13.2	23.28	8.8	13.5	22.44	8.5
7	15.8	0.48	8.7	16.0	3.28	7.9	15.5	10.40	7.0	13.1	23.44	8.8	13.4	22.56	8.4
8				16.0	3.48	7.7	15.5	10.56	7.0	13.0	23.44	8.7	13.4	22.56	8.4
9				16.0	3.68	7.7							13.3	22.56	8.5
10				16.0	4.28	7.6							13.2	22.96	8.5
11				16.0	4.28	7.5							13.2	22.96	8.5
12				16.0	4.28	7.5							13.1	23.24	8.5
13													13.1	23.24	8.6
14															
15															

Time: 0745

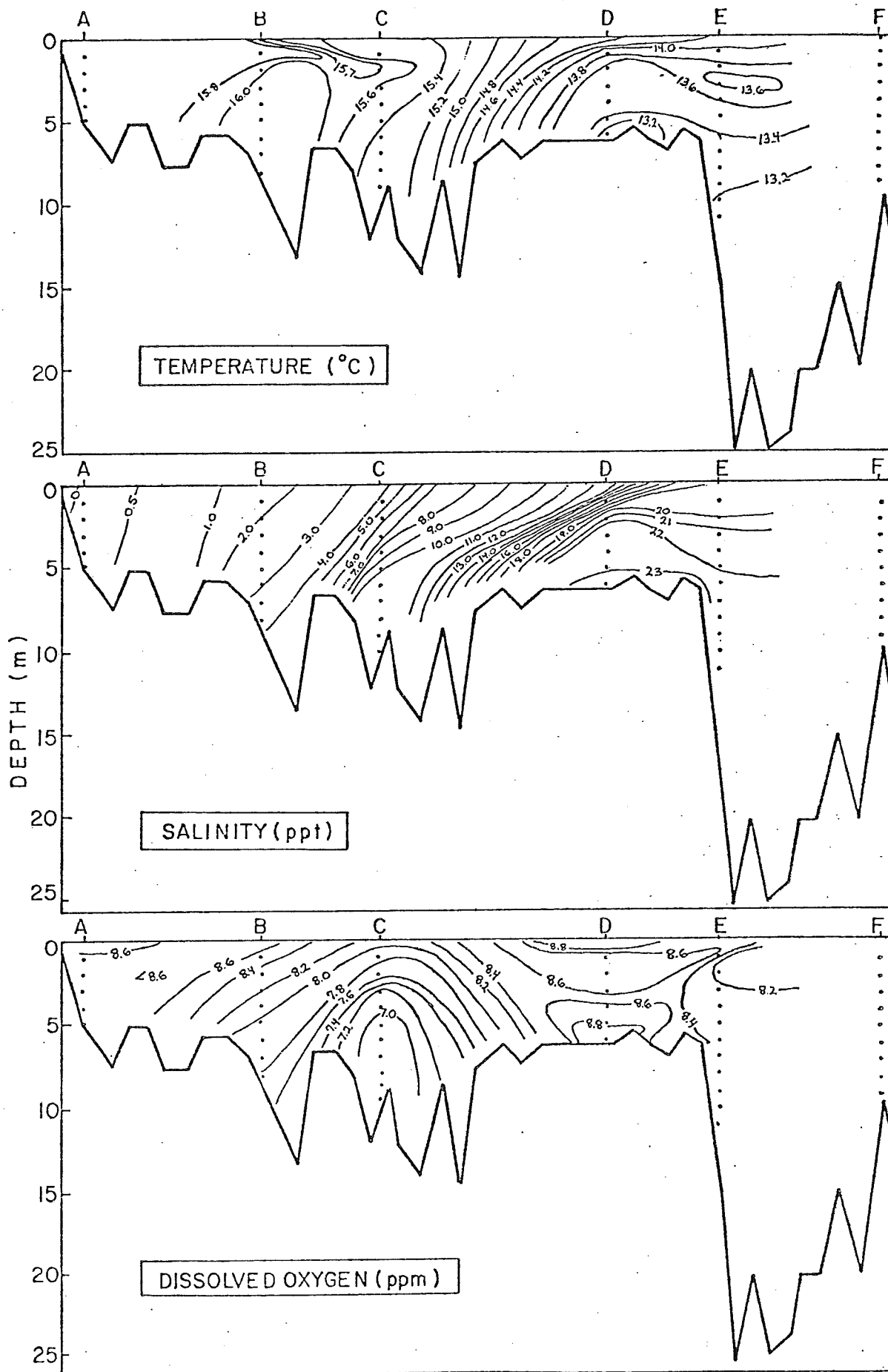
0815

0840

0935

1000

18 September 1975



Date: 16 October 1975

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	12.0	0	10.5	11.5	1.00	10.3	11.5	3.56	9.6	11.5	16.00	8.0	11.5	19.68	7.9
1	12.0	0	10.6	11.5	1.52	10.2	11.5	3.68	9.6	11.5	19.24	7.9	11.5	20.76	7.8
2	11.8	0	10.6	11.5	1.96	10.1	11.3	3.84	9.6	11.4	22.44	7.8	11.5	22.48	7.8
3	11.7	0	10.5	11.5	2.60	10.0	11.5	10.00	8.6	11.4	22.88	7.8	11.5	23.16	7.8
4	11.5	0	10.6	11.3	4.32	9.6	11.5	12.16	8.1	11.4	23.40	7.7	11.5	23.52	7.7
5	11.5	0	10.5	11.5	7.48	8.7	11.5	12.20	7.8	11.3	23.92	7.5	11.5	23.60	7.7
6	11.5	0	10.6	11.5	8.88	8.6	11.5	12.48	7.8	11.3	23.92	7.6	11.5	24.00	7.7
7	11.5	0	10.6	11.5	9.20	8.6				11.3	23.92	7.6	11.5	24.08	7.6
8	11.4	0	10.6	11.5	10.00	8.4				11.3	24.36	7.4	11.5	24.08	7.7
9	11.4	0	10.6	11.5	10.20	8.4							11.5	24.84	7.6
10				11.5	11.92	8.2							11.5	24.90	7.5
11				11.5	11.92	8.1							11.5	25.08	7.5
12													11.4	25.16	7.4
13													11.3	25.28	7.4
14															
15															

Time: 1210

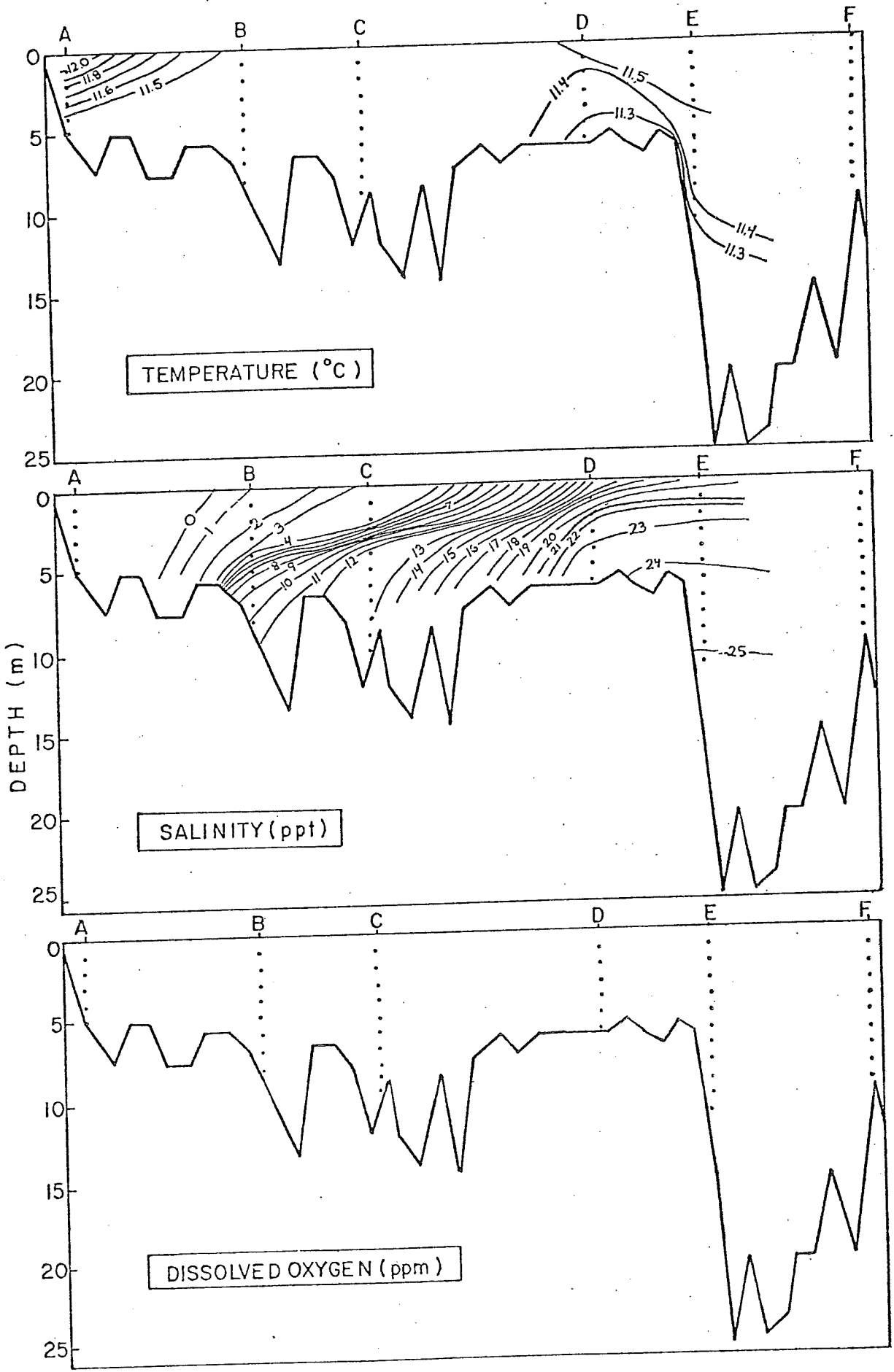
1110

1045

1005

0920

16 October 1975





Date: 8 June 1976

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	20.2	0	8.2	20.1	0	7.8	20.4	0	8.0	18.2	5.12	8.2	15.3	11.12	8.4
1	20.1	0	8.2	20.0	0	8.0	20.3	0	7.9	17.9	5.60	8.1	15.2	11.12	8.4
2	19.7	0	8.2	20.0	0	8.0	20.2	0	7.9	17.8	5.52	8.1	15.2	11.32	8.4
3	19.7	0	8.2	19.9	0	8.0	20.1	0	8.0	15.0	10.52	8.1	14.4	12.64	8.4
4	19.7	0	8.1	19.9	0	7.9	20.1	0	8.0	14.2	13.00	8.1	14.4	12.16	8.5
5	19.7	0	8.0	19.8	0	7.9	20.1	0	7.9	13.7	14.08	8.4	14.4	13.00	8.5
6				19.8	0	7.9	20.1	0	7.9	13.4	15.16	8.5	14.2	13.28	8.5
7				19.8	0	8.0	20.1	0	7.9				14.4	13.16	8.4
8				19.8	0	7.9	20.1	0	7.8				14.4	13.44	8.4
9				19.8	0	8.0							14.3	13.60	8.5
10				-	-	-							14.1	14.08	8.4
11				19.6	0	8.0							-	-	-
12													-	-	-
13													-	-	-
14													12.8	16.16	8.3
15															

Time: 1510

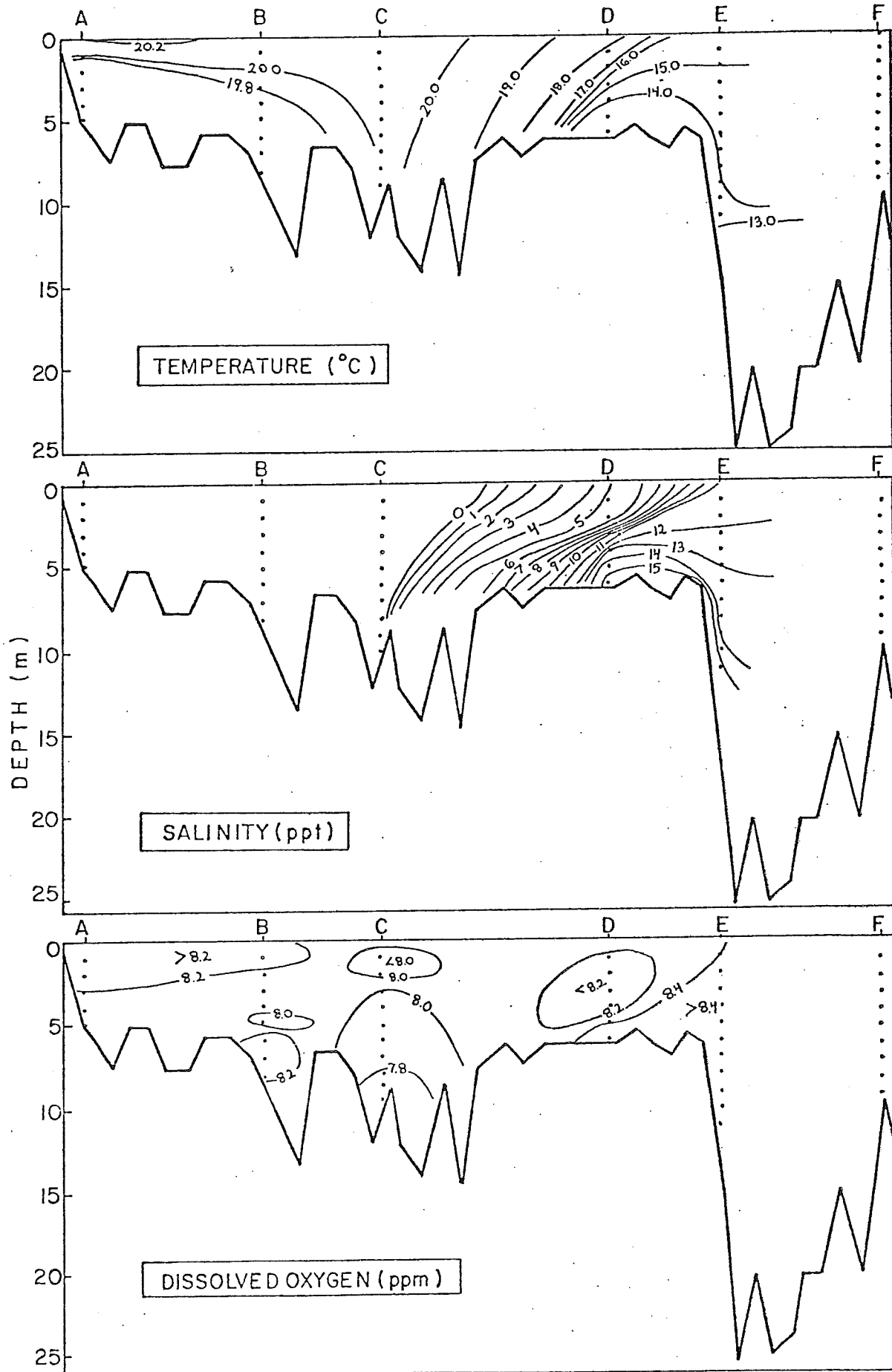
1535

1410

1340

1313

8 June 1976



Date: 21 June 1976

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	23.9	0.20	7.2	23.8	1.44	6.2	23.2	3.28		21.8	8.12	6.6	19.1	12.44	7.4
1	23.9	0.28	7.1	23.3	1.92	6.1	22.5	4.24		18.6	11.60	6.6	18.5	12.60	7.2
2	23.9	0.24	6.8	23.5	2.48	6.0	22.2	4.48		17.6	13.04	6.6	12.4	22.84	7.7
3	24.0	0.24	6.9	22.9	2.80	5.8	21.4	6.16		16.8	14.72	7.0	12.2	23.00	8.0
4	23.9	0.28	6.7	22.8	3.12	5.7	20.4	11.92		15.4	17.08	7.2	12.2	22.88	8.0
5	24.0	0.24	6.7	22.4	3.56	5.8	18.8	11.08		14.8	19.04	7.6	12.1	22.92	8.0
6	24.0	0.32	6.8	22.0	4.44	5.2	18.4	11.76		12.7	21.92	7.8	11.8	23.04	8.0
7	24.0	0.24	6.8	21.5	5.64	5.1	18.0	12.28		12.7	22.08	7.6	11.8	23.52	8.2
8	24.1	0.28	6.9	20.8	6.92	5.0	17.6	13.12		12.6	22.36	7.7	11.6	23.76	8.5
9				20.1	8.12	5.0	17.2	14.04		12.6	22.32	7.7	11.2	24.80	8.6
10				23.9	8.32	5.0	17.2	13.76					11.0	25.32	8.4
11				19.8	8.72	5.2	16.8	13.88					11.0	25.80	8.5
12							16.9	14.40					11.0	25.40	8.6
13													11.0	25.28	8.6
14															
15															

Time: 1845

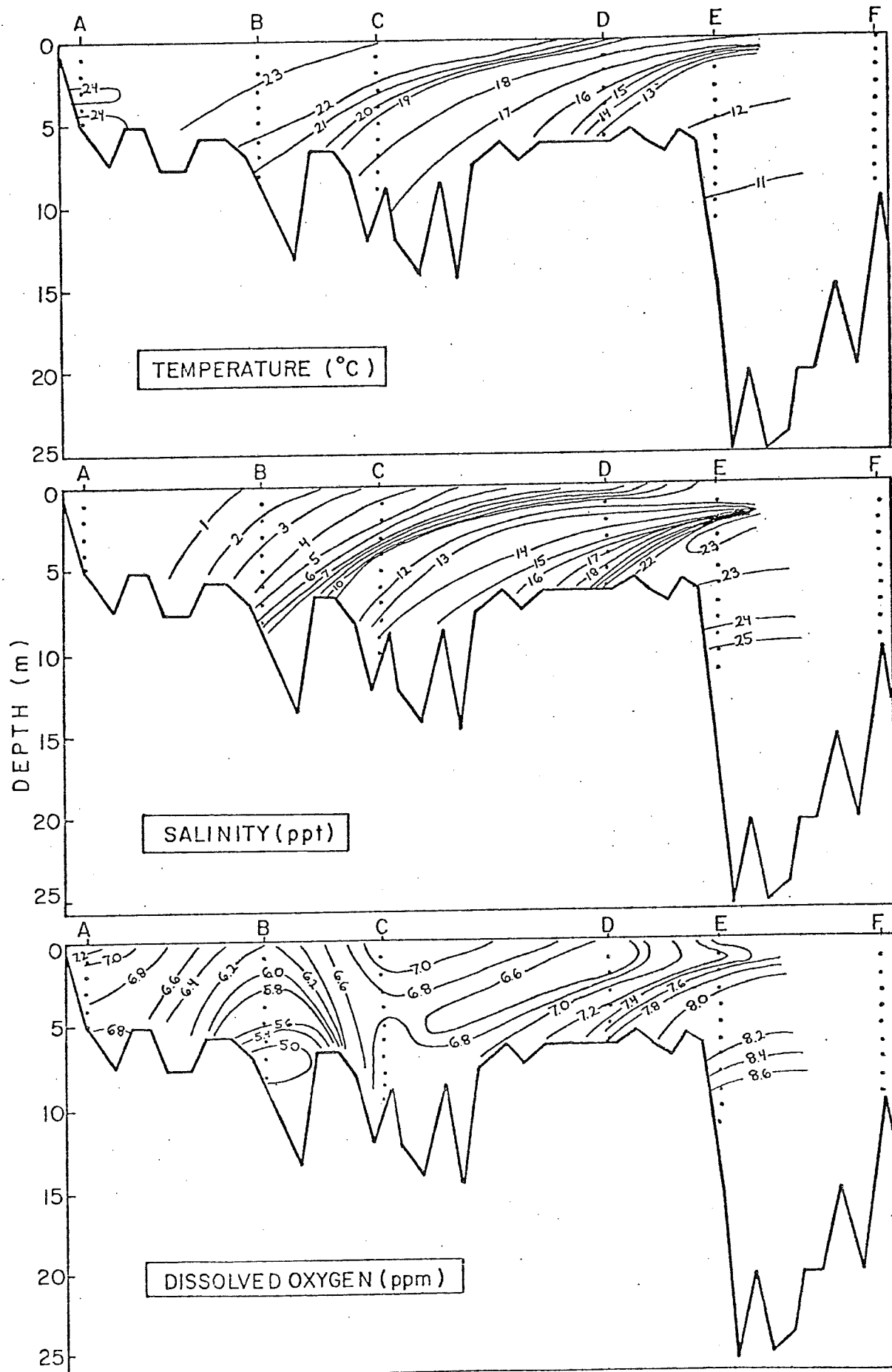
1905

1930

1615

1545

21 June 1976



Date: 9 July 1976

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	24.28	1.6	7.5	23.8	2.4	7.4	25.0	3.2	6.7	22.6	4.84	6.4	20.6	8.88	8.4
1	24.24	2.0	7.2	27.9	2.4	7.2	24.8	3.2	6.7	22.6	5.00	6.5	19.8	9.88	6.8
2	24.20	2.0	6.7	23.8	2.4	7.2	24.6	2.8	6.7	21.8	5.68	6.3	19.2	11.92	6.5
3	24.20	2.0	6.8	27.9	2.4	7.2	24.4	2.8	6.6	21.1	7.12	6.4	18.4	12.64	6.4
4				27.7	2.0	7.1	24.4	3.2	6.6	20.6	8.04	6.4	17.4	15.12	6.9
5				27.8	2.0	7.1	24.3	2.4	6.6	20.4	8.76	6.4	15.1	19.92	7.4
6				27.8	2.4	7.1	24.3	2.8	6.6	19.7	9.92	6.5	14.3	20.8	7.3
7				27.9	2.4	7.1	24.2	2.8	6.6	18.3	12.64	6.5	14.2	20.92	7.4
8				27.8	2.4	7.1	24.4	2.8	6.6				13.8	21.72	7.6
9							24.2	2.8	6.6				13.2	22.92	7.7
10				24.4	2.4	6.6							13.1	23.24	7.8
11				24.4	3.2	6.6							12.8	23.16	7.6
12				24.3	2.8	6.6									
13															
14															
15															

Time: 1930

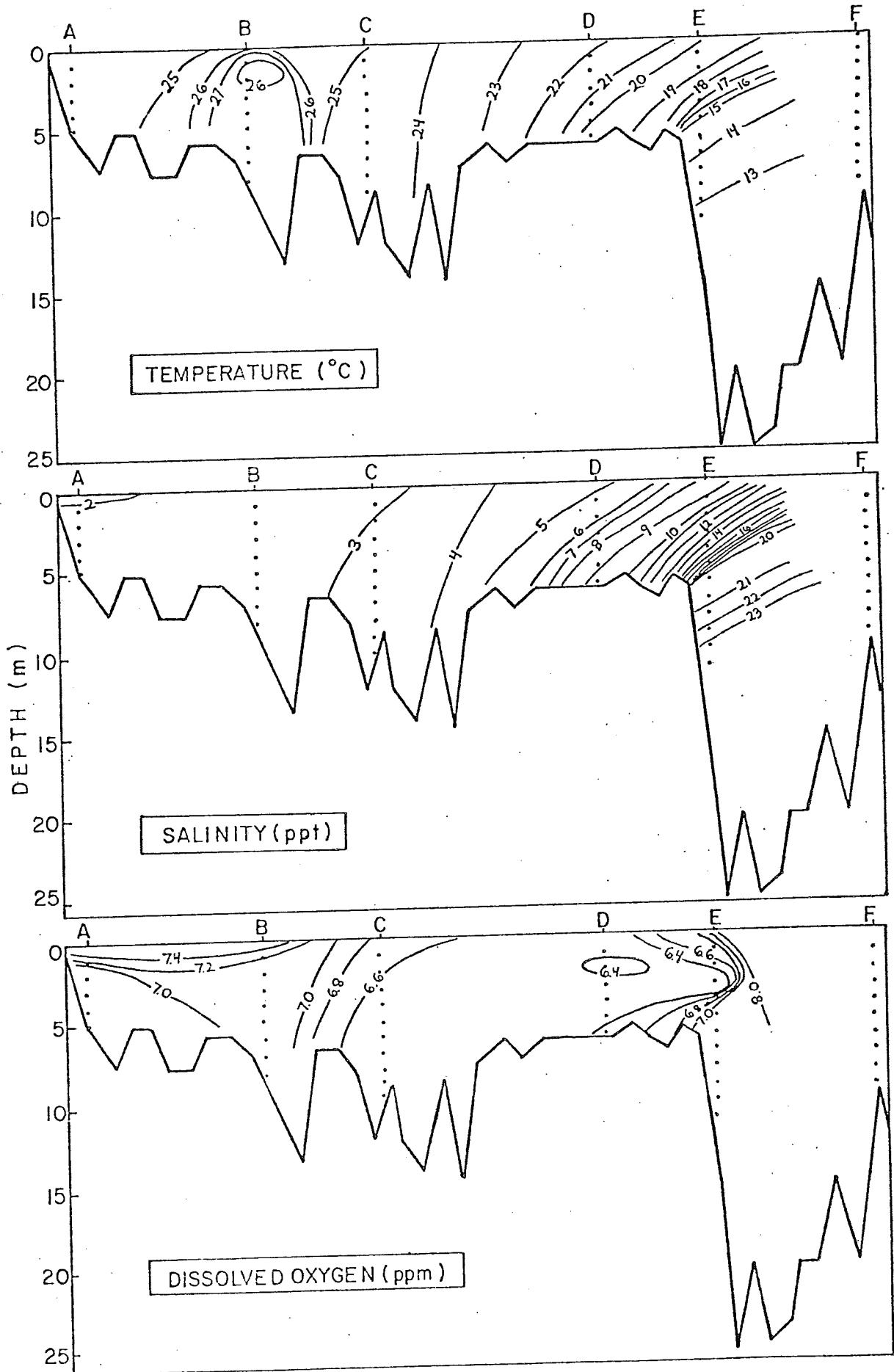
1900

1836

1735

1700

9 July 1976



Date: 19 July 1976

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	21.7	0	8.4	22.8	0	8.0	21.8	0.44	8.1	20.0	6.00	7.9	20.0	7.56	7.9
1	21.7	0	8.3	22.2	0	7.8	21.8	0.52	7.6	19.8	6.12	8.0	17.2	19.00	7.9
2	21.6	0	8.4	22.0	0	7.8	21.7	0	7.6	18.2	8.08	8.0	13.8	19.96	7.7
3	21.6	0	8.4	21.8	0	8.1	21.5	0.32	7.6	16.0	15.04	7.9	13.4	20.00	7.8
4	21.8	0	8.4	21.4	0	8.2	21.2	0.44	7.9	14.3	18.36	7.7	13.6	20.56	7.8
5	21.6	0	8.4				21.4	0	7.9	12.6	22.72	7.6	13.4	20.88	7.9
6							21.0	0.60	7.7	11.6	25.96	7.8	12.9	20.88	7.9
7							20.9	0.28	8.0	11.5	26.00	7.8	12.2	23.40	8.0
8							20.8	0.88	7.8	11.2	26.36	7.8	12.2	24.32	8.0
9							20.6	1.76	7.6	11.2	26.76	7.9	12.1	24.60	8.0
10							19.8	3.40	7.8				12.1	24.48	8.0
11							19.4	5.04	7.6				11.8	25.40	8.1
12							19.0	5.80	7.6				11.9	25.20	8.1
13															
14															
15															

Time: 1715

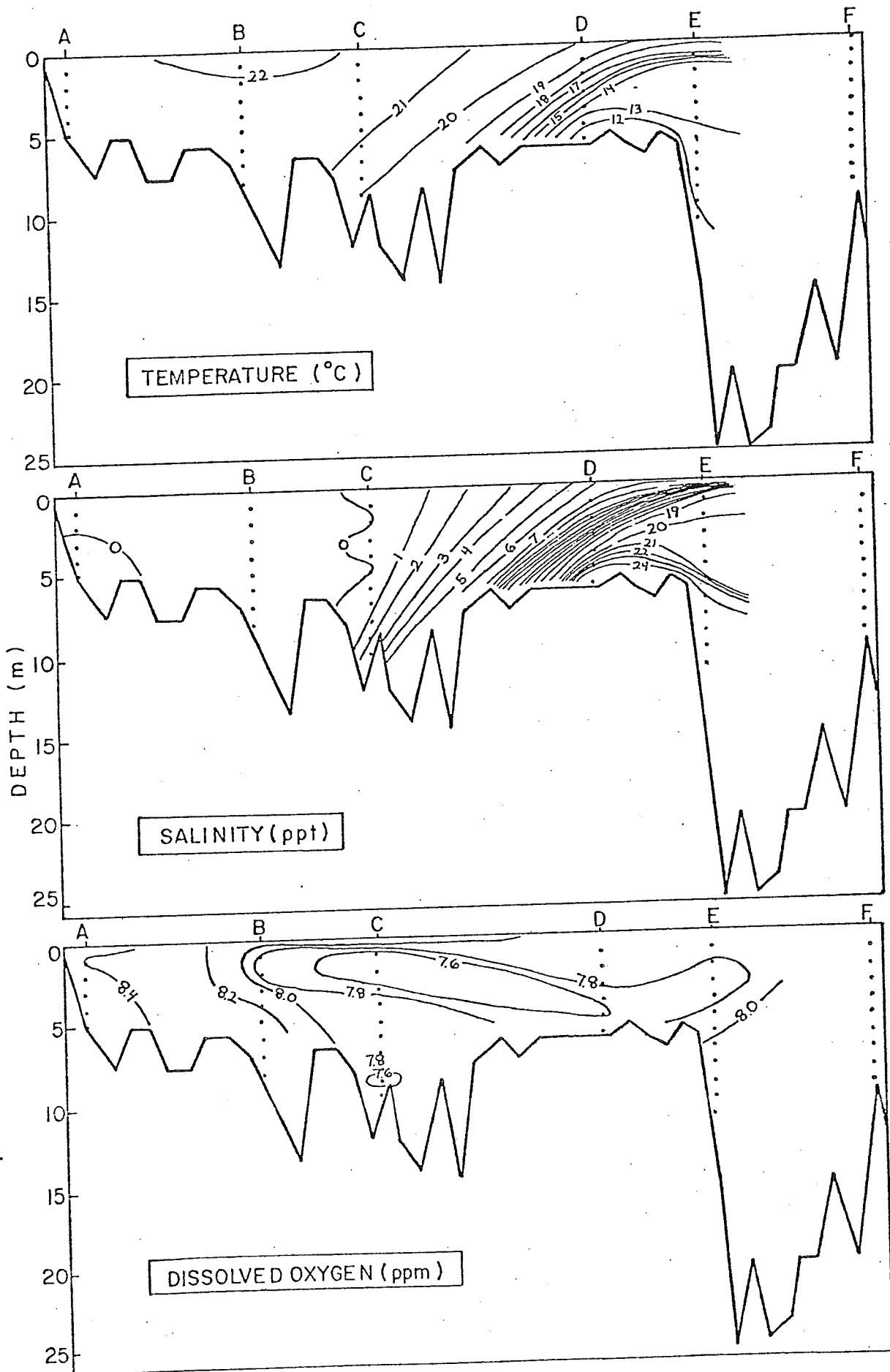
1645

1615

1515

1445

19 July 1976





Date: 3 August 1976

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	21.2	0	7.2	20.5	0	7.0	20.9	0.40	6.8	20.0	9.44	6.4	19.3	11.16	6.6
1	21.2	0	7.1	20.6	0	6.8	20.9	0.24	6.6	18.4	7.64	6.4	15.3	6.00	6.8
2	20.9	0	7.1	20.5	0	6.6	20.7	0.44	6.7	17.6	10.08	6.4	14.5	17.84	6.6
3	20.8	0	7.2	20.4	0	6.8	20.5	0.44	6.6	15.7	12.00	6.3	14.2	18.88	6.6
4	20.8	0	7.2	20.4	0	6.4	20.4	0.40	6.6	14.2	17.60	6.2	14.2	19.24	6.6
5							20.4	0.72	6.3	13.2	20.08	6.3	14.5	18.92	6.6
6							19.8	1.24	6.4	12.2	21.60	6.4	14.2	19.28	6.6
7							19.4	1.96	6.3	12.0	25.04	6.4	14.2	19.00	6.6
8							19.3	2.52	6.2	12.0	25.36	6.4	13.9	19.08	6.7
9							19.2	3.00	5.8	12.0	25.20	6.4	14.0	19.44	6.7
10							19.0	3.60	5.8				14.0	19.76	6.7
11							19.1	3.88	5.9						
12															
13															
14															
15															

Time: 1700

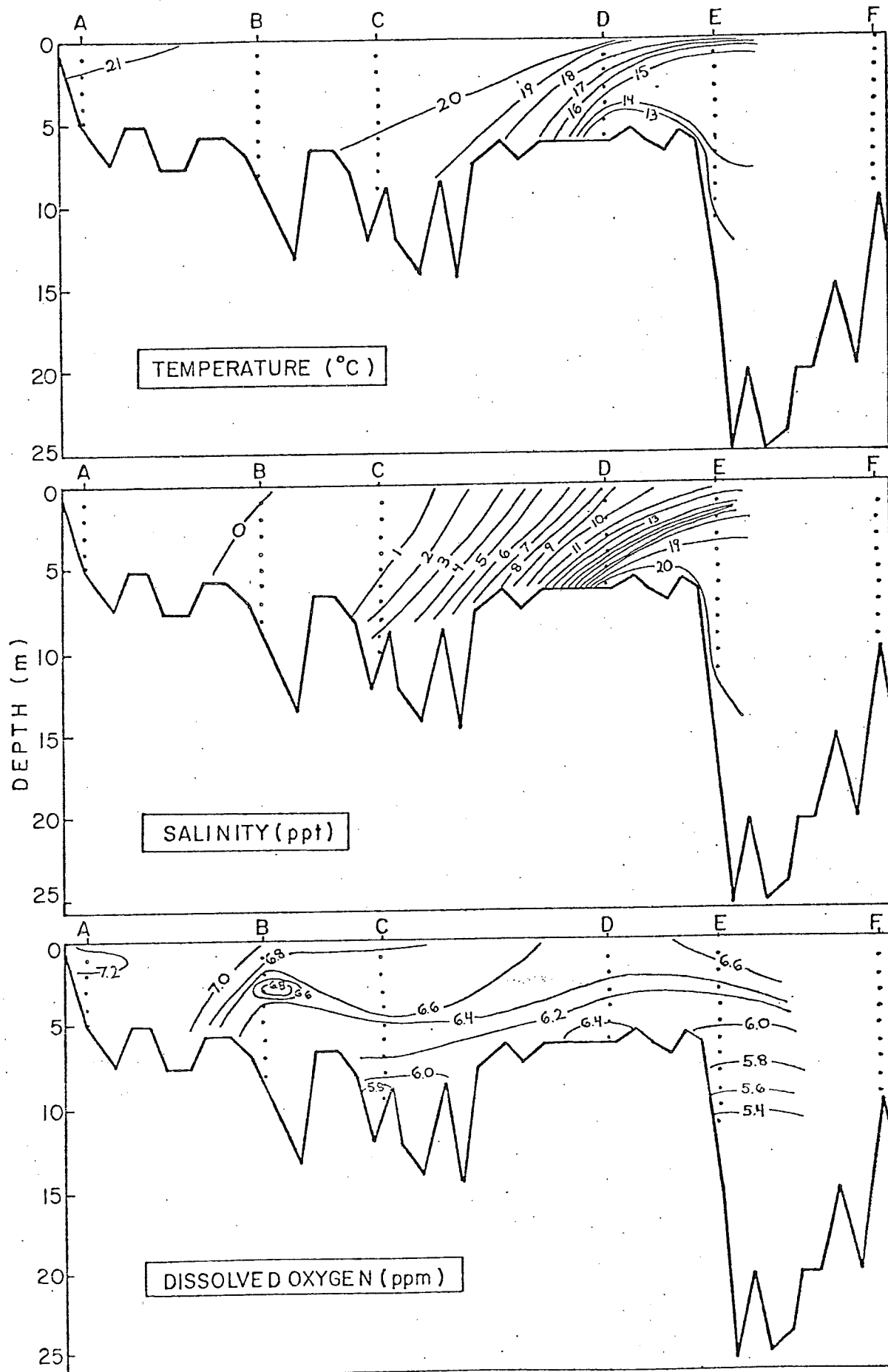
1640

1615

1505

1434

3 August 1976



Date: 16 August 1976

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	22.0	0	9.6	21.8	0	9.5	22.0	0	9.1	22.1	0.84	9.2	20.5	11.80	8.4
1	21.8	0	9.7	21.7	0	9.2	21.9	0	8.9	21.2	2.20	9.0	20.0	6.40	8.5
2	21.7	0	9.7	21.8	0	9.3	21.7	0	8.8	20.9	4.60	8.8	19.8	6.96	8.2
3	21.8	0	9.7	21.5	0	9.3	21.8	0	8.9	20.8	4.08	9.0	19.6	7.20	8.4
4	21.8	0	9.8				21.8	0	8.9	20.8	4.00	8.7	18.9	8.00	8.1
5							21.9	0	9.0	20.7	5.16	8.7	16.0	11.40	7.8
6							21.8	0	8.9	20.4	4.96	8.6	15.1	19.20	7.4
7							21.7	0	9.1	18.1	5.72	8.9	14.2	21.72	7.8
8							21.6	0	9.0				12.6	23.72	7.9
9							21.7	0	9.1				13.4	24.12	8.0
10							21.7	0	9.1				13.2	25.16	8.1
11													12.6	26.12	8.1
12															
13															
14															
15															

Time: 1400

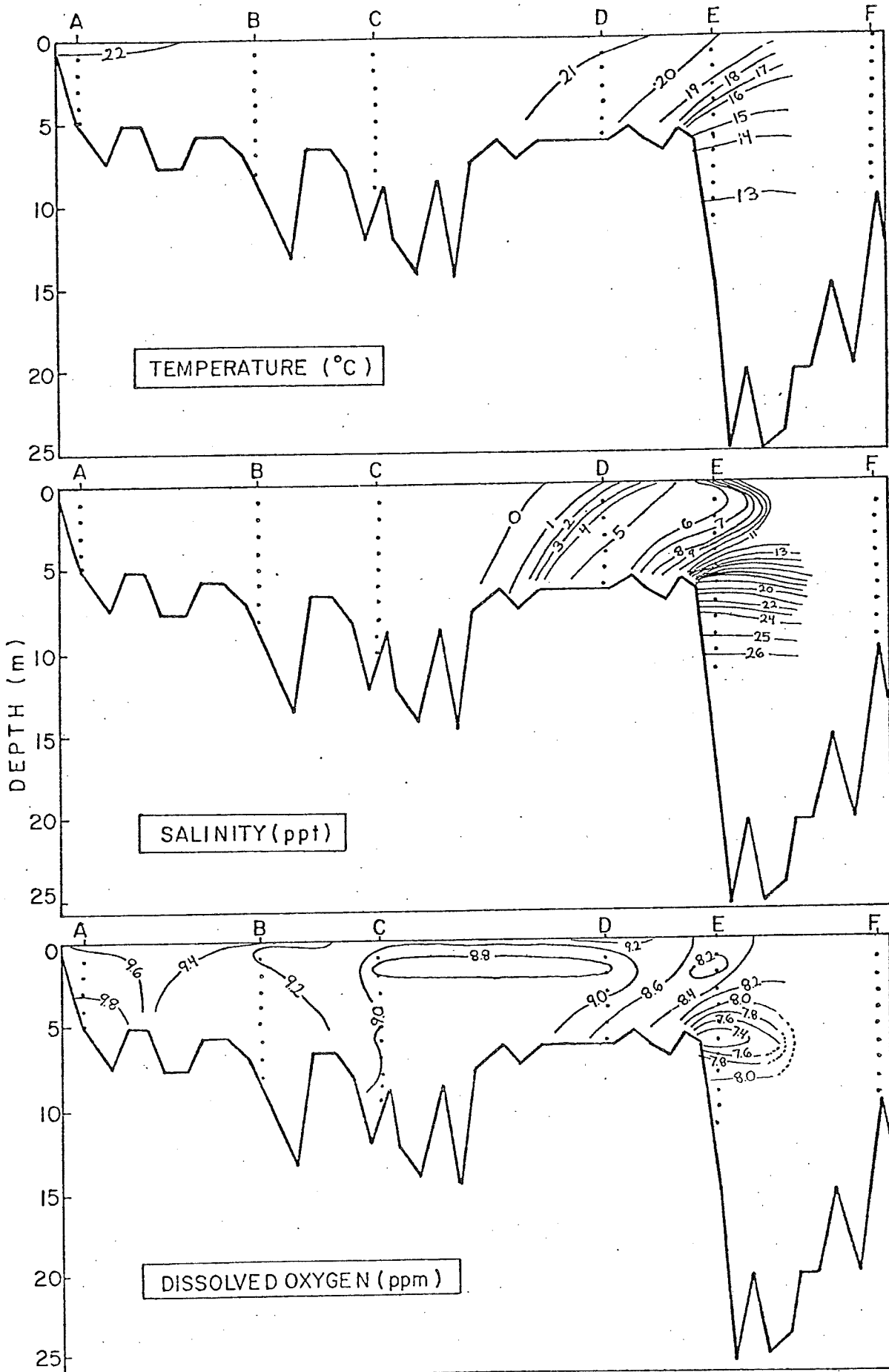
1317

1255

1225

1130

16 August 1976



Date: 2 September 1976

Station- Depth (m)	A			B			C			D			E				
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm		
0	19.2	0	10.0	19.0	0	10.5	19.2	0	9.8	5.20	8.8	18.8	5.20	8.8	18.0	0.20	8.4
1	19.0	0	10.0	19.0	0	10.4	19.2	0	9.7	5.24	8.6	18.4	5.24	8.6	17.2	10.00	8.0
2	18.9	0	9.9	18.8	0	10.3	19.0	0	9.7	6.28	8.8	18.3	6.28	8.8	17.0	11.40	7.9
3	18.8	0	9.9	18.8	0	10.3	18.9	0	9.7	6.40	8.7	18.2	6.40	8.7	16.2	12.72	7.9
4	18.8	0	9.9	18.8	0	10.2	18.9	0	9.7	7.16	8.3	17.7	7.16	8.3	15.2	17.24	8.1
5	18.7	0	9.7	18.8	0	10.2	18.8	0	9.7	9.20	7.9	16.8	9.20	7.9	14.8	20.00	8.0
6				18.8	0	10.2	18.9	0	9.7	12.96	7.6	16.6	12.96	7.6	14.8	21.20	7.9
7							18.9	0	9.6	13.92	7.5	16.2	13.92	7.5	14.2	21.32	8.2
8							18.9	0	9.7			18.9			14.3	23.20	8.1
9							18.8	0	9.6			18.8			14.2	23.68	8.1
10							18.9	0	9.6			18.9			13.8	23.80	8.1
11							18.8	0	9.6			18.8			13.8	24.68	8.0
12							18.9	0	9.6			18.9					
13							19.0	0	9.6			19.0					
14																	
15																	

Time: 1545

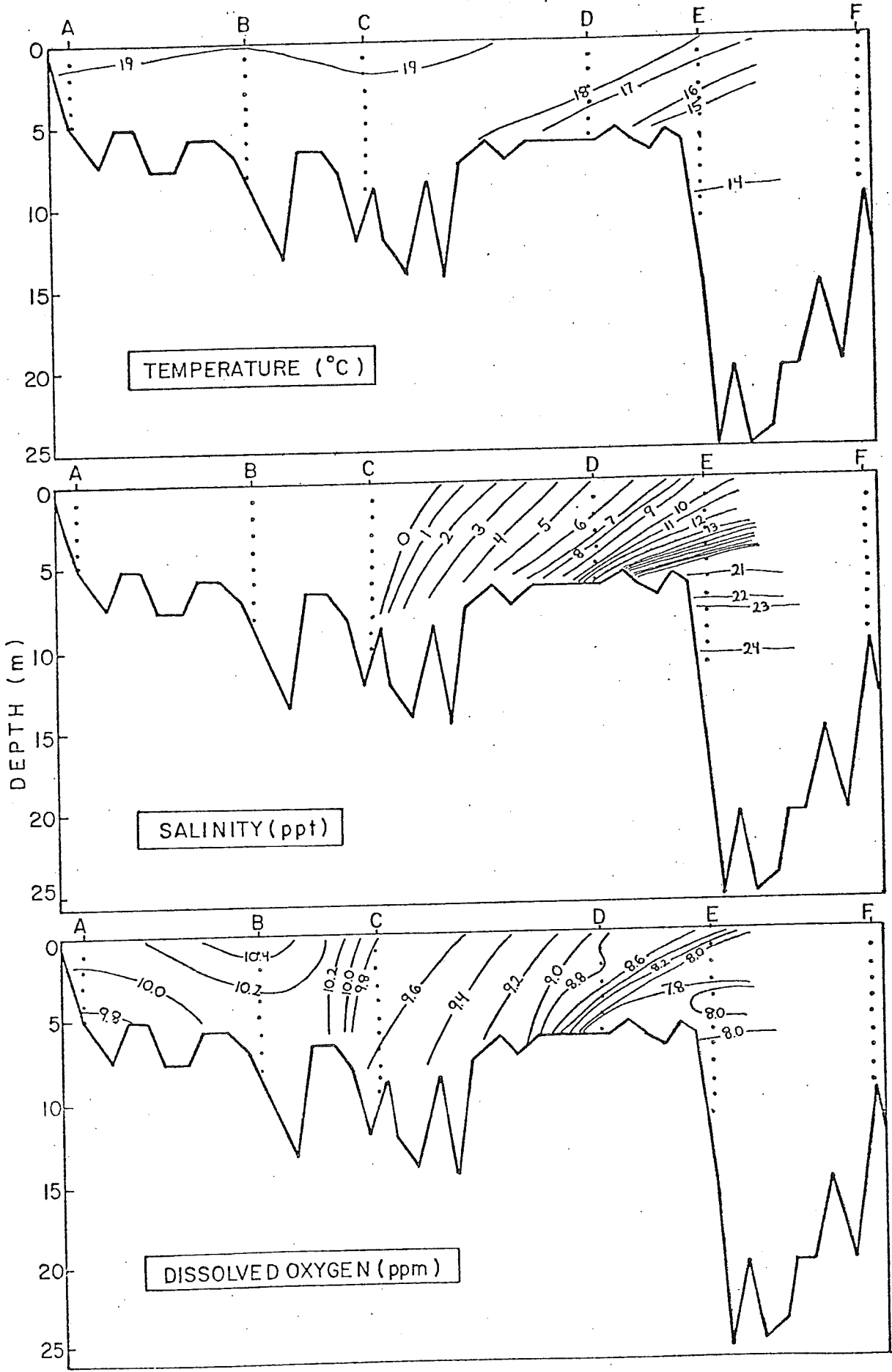
1610

1455

1415

1350

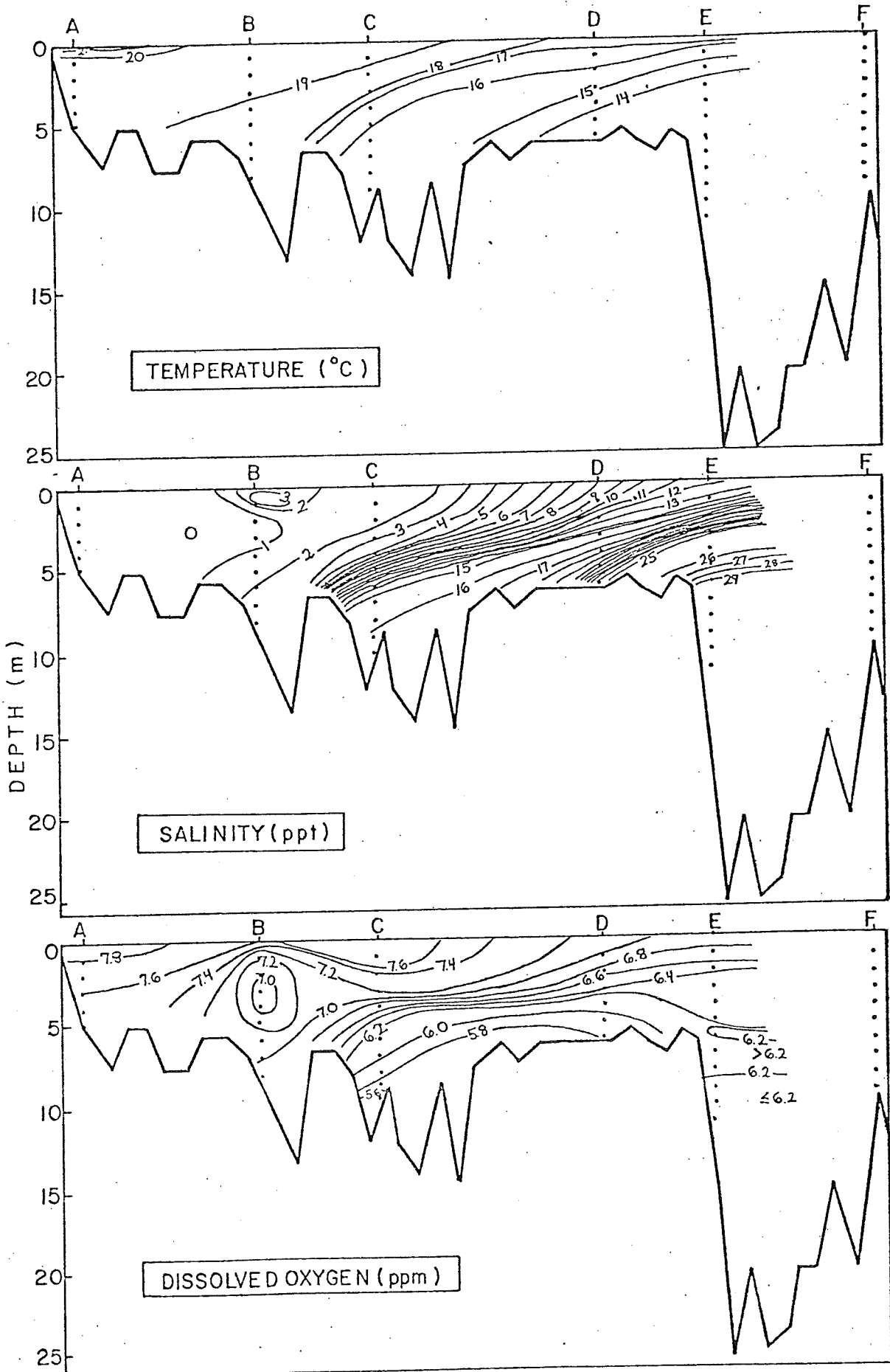
2 September 1976



Date: 16 September 1976

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	21.1	0	7.9	19.8	2.80	7.6	19.7	1.60	7.8	17.6	24.56		17.2	23.72	6.3
1	19.7	0	7.8	19.9	3.20	7.2	19.2	1.36	7.7	16.5	10.16		15.6	12.64	6.8
2	19.4	0	7.7	19.6	0.56	7.2	18.8	1.92	7.6	16.0	12.76		14.2	17.48	6.6
3	19.4	0	7.6	19.0	0.72	7.4	18.3	2.08	7.3	15.6	15.44		13.5	24.28	6.3
4				18.6	1.64	7.4	16.8	3.56	6.8	14.4	16.84		13.6	26.16	6.3
5				18.6	1.92	7.3	16.0	9.24	6.4	13.6	22.84		13.5	26.00	6.3
6				18.4	2.00	7.1	15.7	13.28	6.1	13.8	25.64		13.7	29.56	6.1
7				18.5	1.80	7.0	15.6	15.68	6.1	13.6	26.08		13.5	25.36	6.3
8							15.5	15.68	6.1	13.7	26.28		13.5	25.88	6.3
9							15.4	16.08	5.9	13.6	26.48		13.4	26.68	6.2
10							15.4	16.72	5.8				13.6	26.08	6.2
11							15.3	16.92	5.6				13.4	26.68	6.2
12							15.4	17.04	5.6				13.4	25.92	6.2
13							15.2	17.08	5.6				13.2	27.24	6.2
14															
15															

Time: 1605 1525 1500 1425 1355





Date: 13 June 1977

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	15.9	0	10.1	16.5	0	9.2	16.0	0	10.2	13.4	6.16	9.3	12.8	10.20	9.6
1	15.7	0	10.1	15.3	0	9.4	15.2	0	10.5	13.6	5.84	9.6	12.8	10.70	9.6
2	15.7	0	10.1	15.3	0	9.6	15.0	0	10.4	13.2	6.36	9.6	12.9	10.80	9.4
3	15.7	0	10.1	15.3	0	9.6	14.9	0	10.4	12.4	9.92	9.2	12.8	11.20	9.4
4	15.7	0	10.1	15.3	0	9.6	14.9	0.28	10.4	11.7	12.52	9.2	12.8	11.10	9.4
5				15.3	0	9.6	15.1	0.40	10.4	11.2	13.48	9.0	12.8	11.20	9.3
6				15.3	0	9.7	15.0	0.44	10.4	11.0	16.48	8.7	12.7	11.10	9.2
7				15.4	0	9.6	15.1	0.52	10.4	10.9	16.00	8.8	12.7	11.20	9.1
8				15.4	0	9.6	15.0	0.56	10.3				12.7	11.60	9.3
9				15.3	0	9.6	14.5	1.72	10.3				12.3	12.30	9.2
10				15.3	0	9.6	13.3	7.12	10.1				11.7	14.20	9.2
11				-	-	-	-	-	-				-	-	-
12				-	-	-	-	-	-				-	-	-
13				15.2	0	9.6	12.8	7.68	9.8				10.2	16.60	9.0
14				-	-	-	-	-	-				-	-	-
15				15.2	0	9.6	12.8	8.28	9.4				9.9	18.60	9.1
20													8.7	22.20	-

Time: 1345

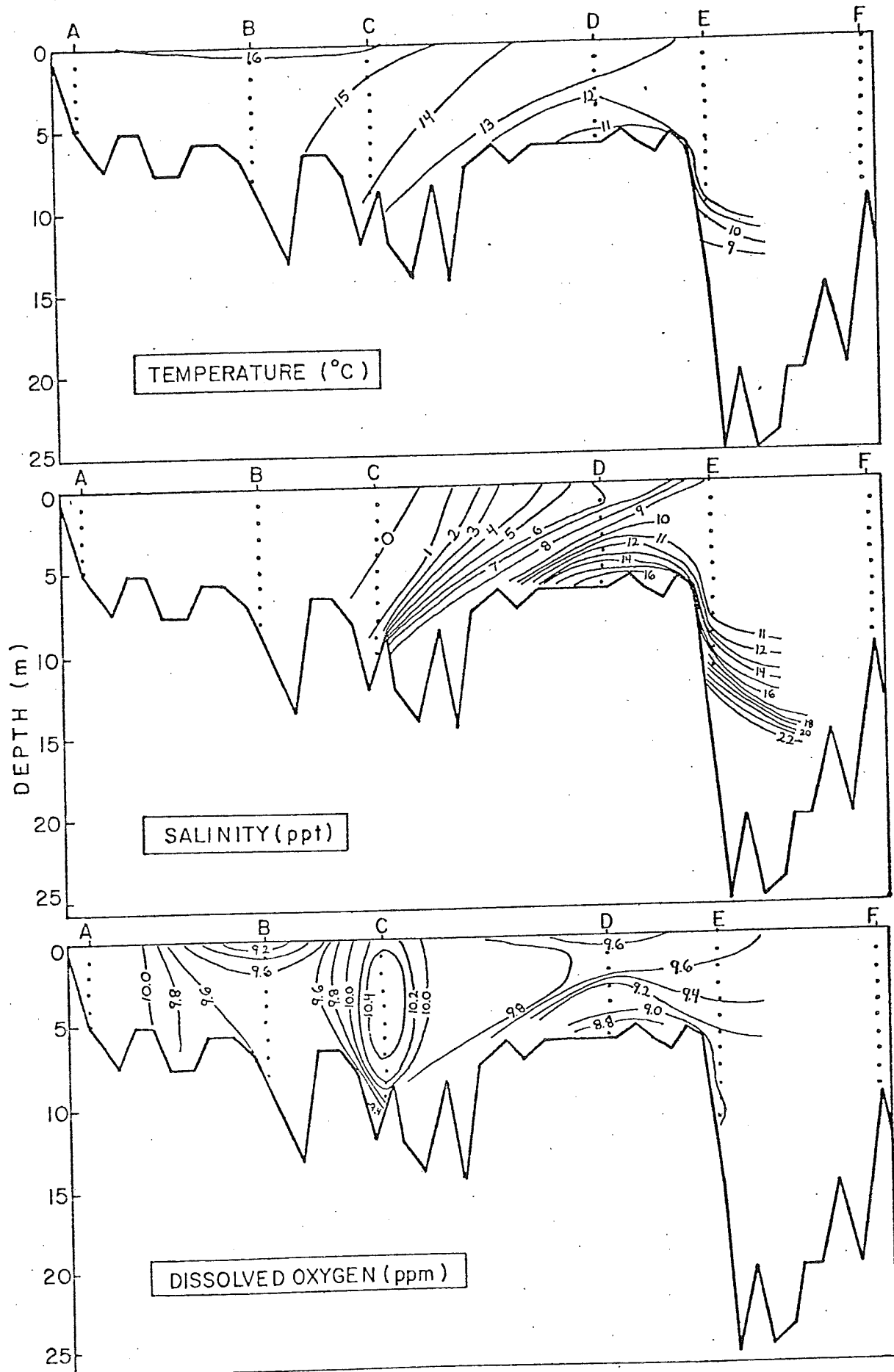
1300

1130

1450

1520

13 June 1977



Date: 11 July 1977

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	22.6	0	7.8	22.8	0	8.0	22.6	0.88	7.4	19.8	7.76	7.6	17.9	12.00	6.7
1	22.4	0	7.8	22.3	0	8.0	22.4	0.96	7.1	19.1	8.76	7.0	17.7	12.08	6.6
2	22.4	0	7.8	22.5	0	8.0	21.8	1.60	7.0	18.2	10.52	6.9	12.2	15.16	7.0
3	22.3	0	7.8	22.4	0	8.0	21.9	1.60	7.2	16.9	12.88	6.6	10.8	24.80	6.6
4	22.1	0	8.2	22.4	0	8.0	21.5	1.84	7.2	15.6	15.08	7.1	10.8	24.80	6.6
5	22.1	0	8.1	22.6	0.32	8.0	21.5	2.60	7.3	12.8	20.64	6.8	-	-	-
6				22.6	0.36	7.6	20.7	3.56	7.2	12.5	21.12	6.8	10.3	25.52	6.8
7				22.3	0.80	7.7	20.1	4.76	7.2	11.4	23.20	6.7	-	-	-
8				20.2	4.84	7.4	18.2	8.88	6.9	11.1	24.10	6.7	-	-	-
9				19.5	6.84	6.9	17.2	11.40	6.6	10.9	24.52	6.8	9.8	26.44	6.8
10							16.3	13.24	6.4	-	-	-	-	-	-
11							16.1	13.88	6.2	-	-	-	-	-	-
12							15.9	14.24	6.2				9.6	27.04	6.9
13							15.5	14.44	6.3	-	-	-	-	-	-
14							15.2	13.24	6.2	-	-	-	-	-	-
15										9.4	27.12	7.0			
17										9.4	26.92	7.0			

Time: 1445

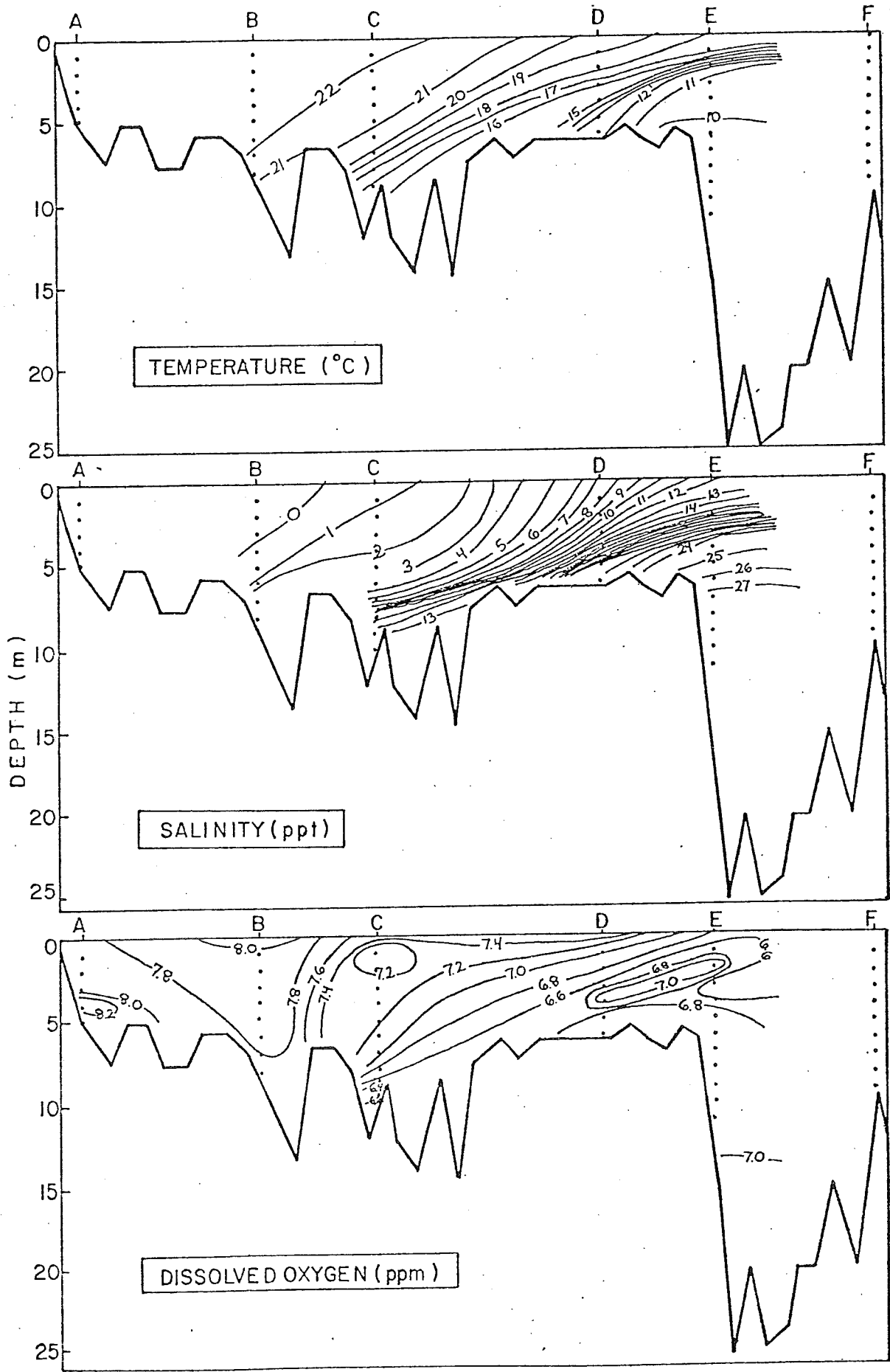
1400

1540

1620

1645

11 July 1977



Date: 23 August 1977

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	19.6	0	7.3	19.8	0	7.3	20.0	0.60	7.2	18.4	8.32	7.0	17.3	11.92	6.3
1	19.5	0	7.3	19.6	0	7.2	20.0	0.56	7.0	18.2	8.60	6.6	16.2	13.80	6.8
2	19.4	0	7.3	19.7	0	7.2	19.8	0.68	6.8	17.6	9.76	6.2	15.6	15.40	5.8
3	9.4	0	7.3				19.7	1.00	6.8	16.9	11.28	6.0	14.3	19.72	5.6
4							19.6	1.60	6.6	16.6	12.12	5.9	14.0	20.48	5.7
5							19.4	1.84	6.6	16.4	13.12	5.8	14.2	20.92	5.7
6							19.2	2.60	6.5	15.4	16.04	5.6	14.0	20.84	5.7
7							18.9	4.44	6.2	15.1	17.04	5.5	14.0	21.08	5.7
8							18.9	4.76	6.2				13.8	21.52	5.7
9							18.8	5.08	6.1				13.6	22.48	5.8
10							18.4	5.20	6.1				13.3	23.20	5.8
11							18.6	5.28	6.0				13.1	23.40	5.9
12													13.1	24.00	6.0
13													13.1	24.00	6.0
14													13.0	24.16	6.0
15															

Time: 1542

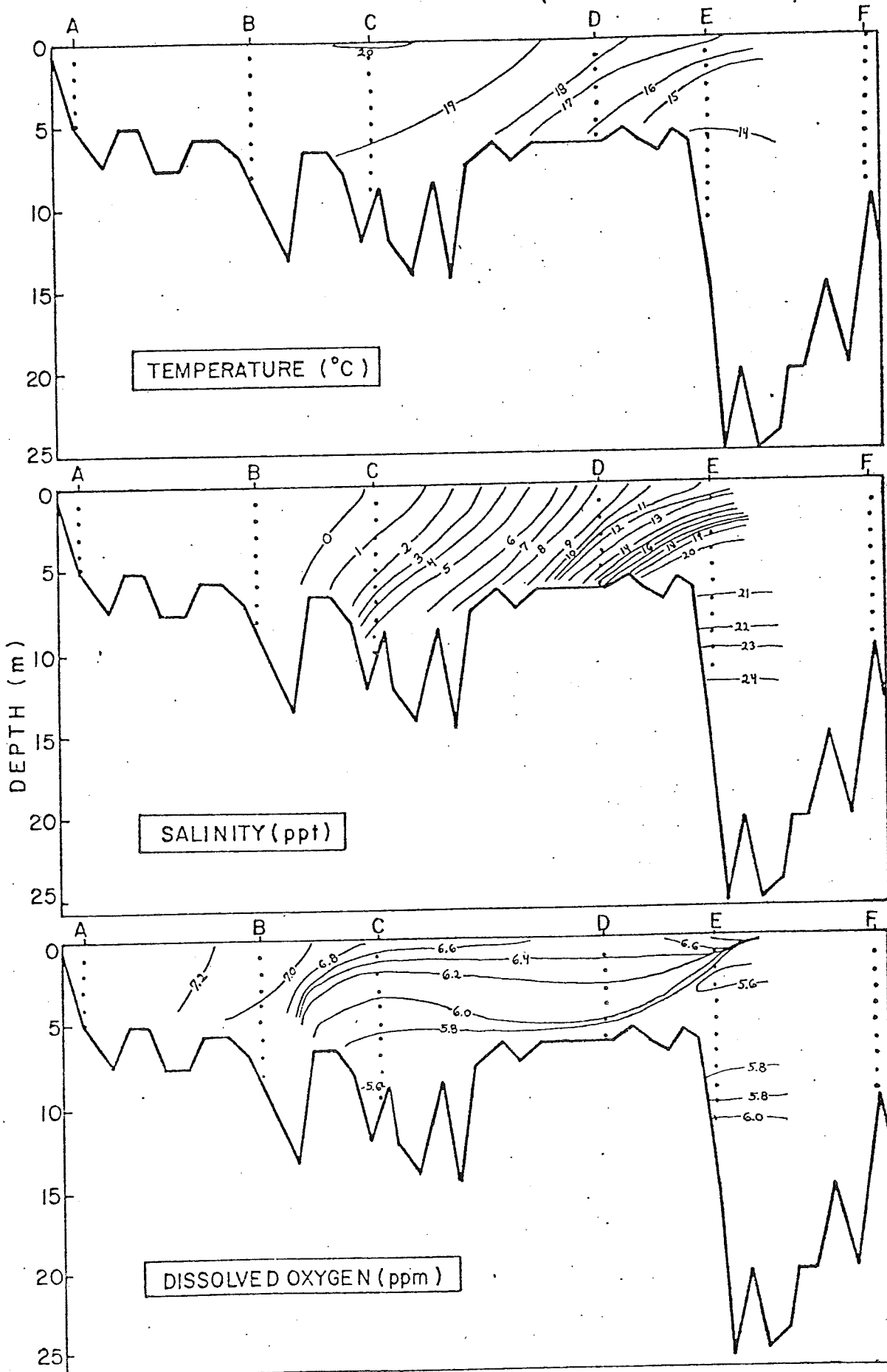
1518

1500

1430

1405

23 August 1977



Date: 6 September 1977

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	21.8	0	7.9	22.0	0.76	7.8	21.5	1.96	7.6	19.4	10.68	7.0	18.2	13.80	6.6
1	21.6	0	7.9	21.4	0.92	7.2	21.1	3.28	7.0	19.2	11.04	6.7	17.2	14.24	6.4
2	21.6	0	8.1	21.3	1.68	7.5	20.9	6.36	6.8	18.0	13.56	6.6	16.9	16.32	6.2
3				21.3	2.24	7.2	20.6	8.16	6.6	16.2	17.80	6.2	15.3	20.00	6.0
4				21.0	3.44	7.3	19.2	14.64	6.4	15.3	20.28	5.8	14.0	23.56	6.1
5				20.7	3.92	7.2	17.7	20.70	5.7	14.2	23.24	5.9	13.7	24.12	6.1
6				20.2	6.80	6.6	16.8	25.14	5.3	13.6	24.56	5.9	13.2	25.84	6.3
7				18.6	11.44	5.6	16.6	25.92	5.4	13.4	25.00	6.0	12.9	25.88	6.4
8				18.2	12.68	5.4	16.5	26.16	5.2				12.7	26.36	6.8
9				18.1	12.84	5.3	16.4	26.52	5.5				12.6	26.52	6.8
10				18.2	12.88	5.4	16.4	26.70	5.3				12.7	26.68	6.7
11				18.2	13.00	5.2							12.6	26.80	6.7
12															
13															
14															
15															

Time: 1505

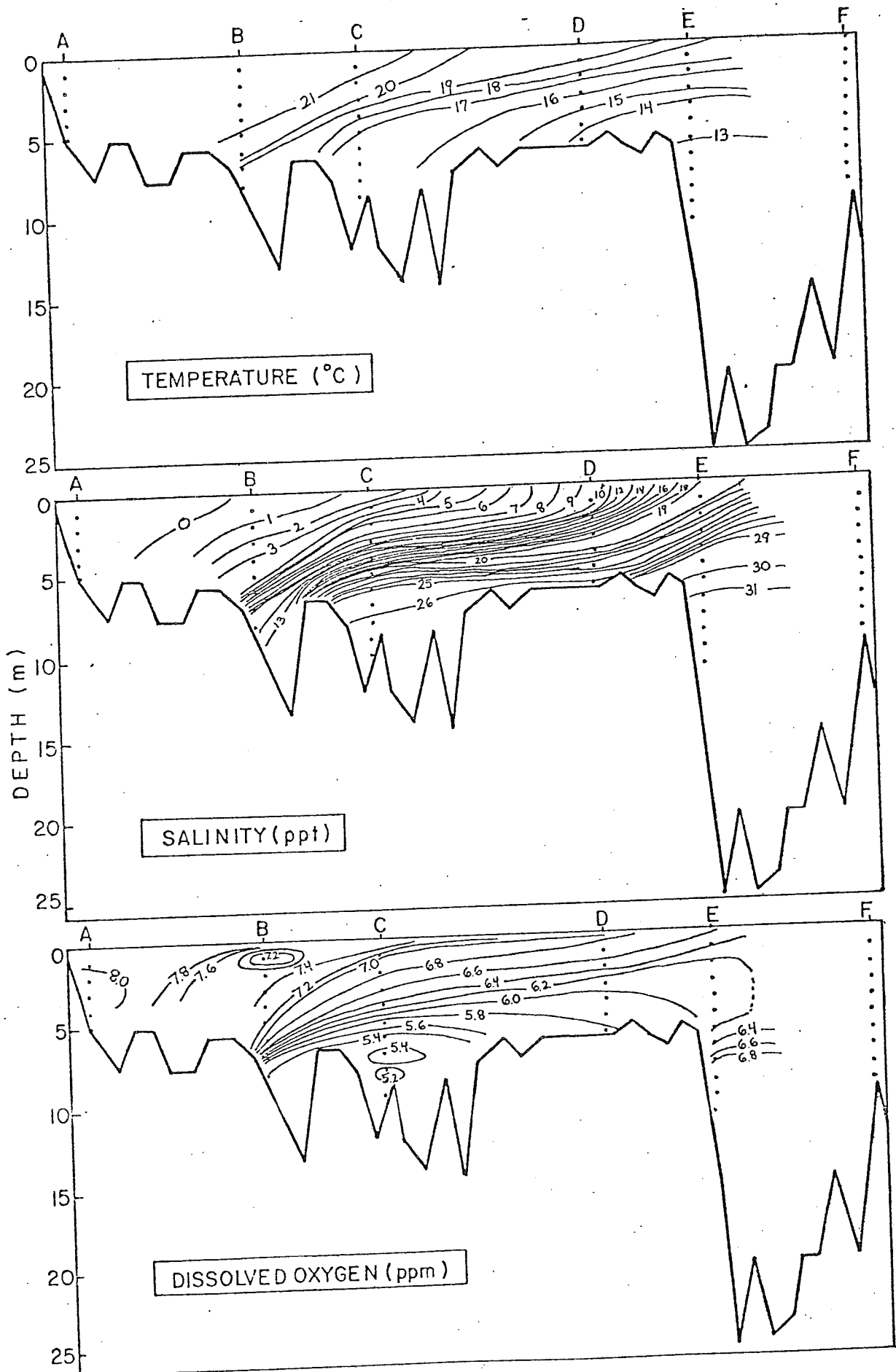
1438

1415

1350

1325

6 September 1977





Date: 20 September 1977

Station- Depth (m)	A			B			C			D			E		
	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm	Temp. °C	Sal. ppt	DO ppm
0	15.4	0	9.2	15.8	0.36	9.2	15.5	0.60	8.7	14.2	7.80	8.2	13.6	13.64	6.6
1	15.4	0	9.2	15.8	0.40	9.1	15.5	0.36	8.4	14.3	7.80	8.0	13.5	13.24	6.6
2							15.5	1.36	8.2	14.4	9.24	7.6	13.2	16.60	6.2
3							15.5	1.36	8.4	14.0	9.36	7.4	12.9	19.16	6.2
4							15.4	1.80	8.2	13.8	12.16	7.2	12.8	20.16	6.0
5							15.4	2.24	8.3	13.4	13.84	6.8	12.7	21.76	6.2
6							15.4	2.56	8.0	13.4	16.32	6.6	12.2	22.00	6.2
7							15.4	2.76	8.1	13.0	17.56	6.0	12.3	25.08	6.2
8							15.2	3.12	8.0				12.3	25.64	6.2
9							15.2	3.92	7.8				12.2	25.20	6.3
10							15.2	4.84	7.7				12.2	25.64	6.4
11							15.0	5.64	7.5				12.0	26.00	6.4
12							15.0	5.80	7.5				12.2	25.40	6.3
13							15.0	5.96	7.5						
14															
15															

Time: 1445

1420

1355

1320

1245