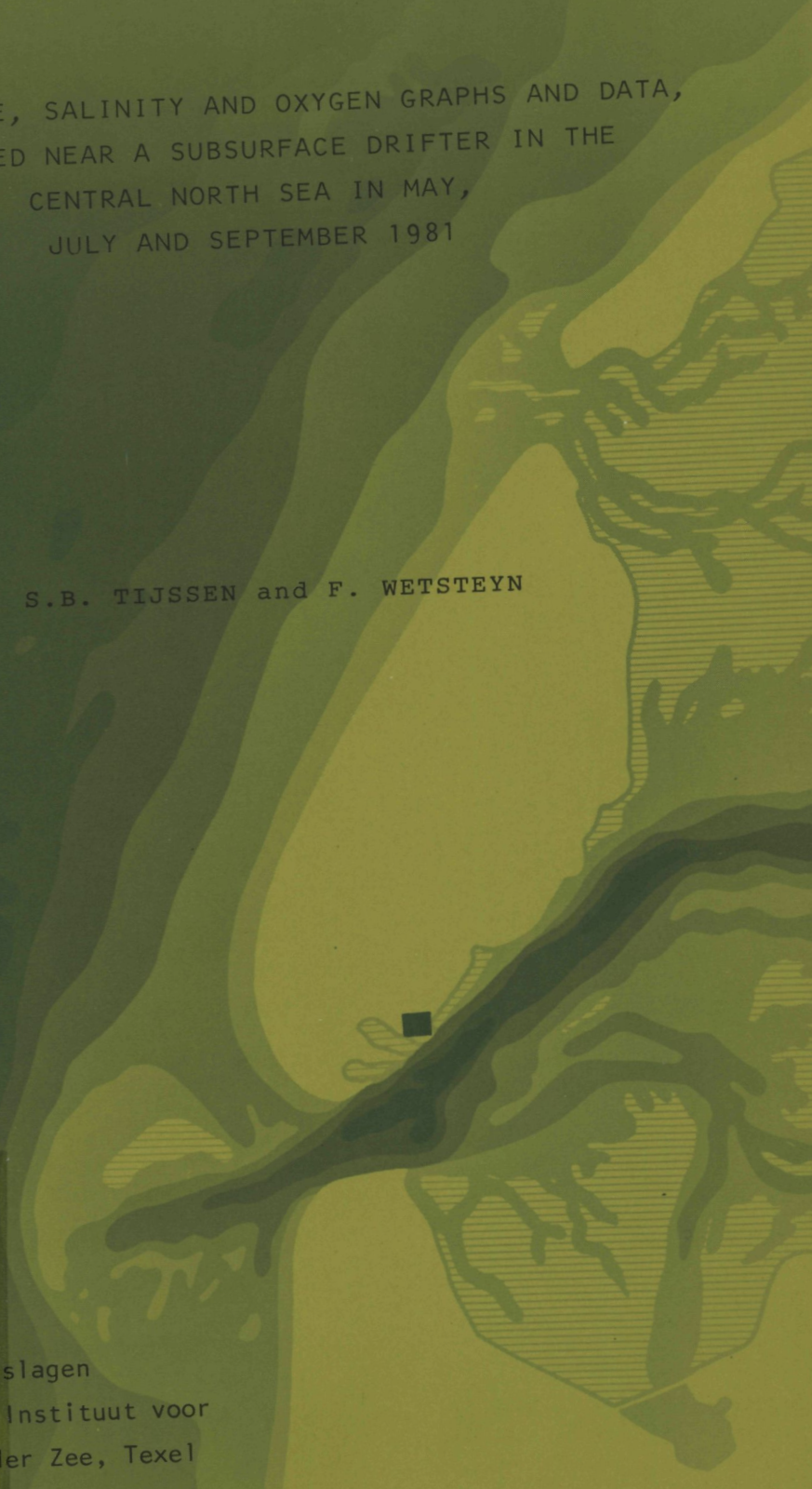


TEMPERATURE, SALINITY AND OXYGEN GRAPHS AND DATA,
OBTAINED NEAR A SUBSURFACE DRIFTER IN THE
CENTRAL NORTH SEA IN MAY,
JULY AND SEPTEMBER 1981

S.B. TIJSSSEN and F. WETSTEYN



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OBTAINED NEAR A SUBSURFACE DRIFTER IN THE
CENTRAL NORTH SEA IN MAY,
JULY AND SEPTEMBER 1981

by

S.B. TIJSSEN and F. WETSTEYN

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1. INTRODUCTION

The Oyster Grounds is the most southern part of the North Sea that becomes stratified in spring. It was chosen as study area for the "Project Stratified North Sea" a cooperative physical study in 1981 and 1982 (VETH, 1982). In 1981 a chemical-biological program in May, July and September was executed to study quantitatively the production in the region. Among others temperature, salinity and oxygen data were gathered.

1. METHODS

Sampling was performed close to the drifter, which was launched at $54^{\circ}30' N$, $4^{\circ}30' E$. A Guildline 8705 CTD-probe interfaced with a HP 9825A processor provided plotted and printed records during the downcast. Water samples were collected with the attached rosette sampler (301 bottles) during the upcast. Control salinity samples were taken and measured with a Guildline Autosol 8400 laboratory salinometer.

Systematic deviations appearing from the comparison of bottle salinities and CTD-salinities served to correct CTD values. Readings from reversing thermometers were applied for the correction of CTD temperatures. Bottle salinities were calculated with the Practical Salinity Scale 1978.

The oxygen data were obtained by a high precision Winkler determination with photometric end point determination (TIJSEN, 1981)*. The oxygen samples were stored under water and titrated aboard ship.

3. PROCESSING EQUIPMENT

A μ -processor system consisting of an ITT 2020, a VDU, a double magnetic disc unit, a printer and a Watanabe A3 plotter was used. The system is connected with the titrator. Data defining the cast, temperature, salinity and depth are fed manually together with the numbers of the oxygen bottles into the μ -processor. This provides an Administrative printout and file on disc. The μ -computer assisted titrations provide a Titration printout and file. On request a Result printout and file is produced, in which the - corrected for blank - mean oxygen concentration, standard deviation and number of accepted titrations is given. Definite outliers are removed in the final calculations. The software has reached a stage of workability, but it is certainly not fool - and errorproof.

* TIJSEN, S.B., 1981. Anmerkungen zur photometrischen Winkler Sauerstofftitration und ihre Anwendung zur Schätzung der Primärproduktion im Meer. In : I. Daubner. III Internationales hydromicrobiologisches Symposium. Smolenice, 3-6 Juni 1980. Veda, Verlag der Slowakischen Akademie der Wissenschaften, Bratislava.

4. GRAPHS AND DATA

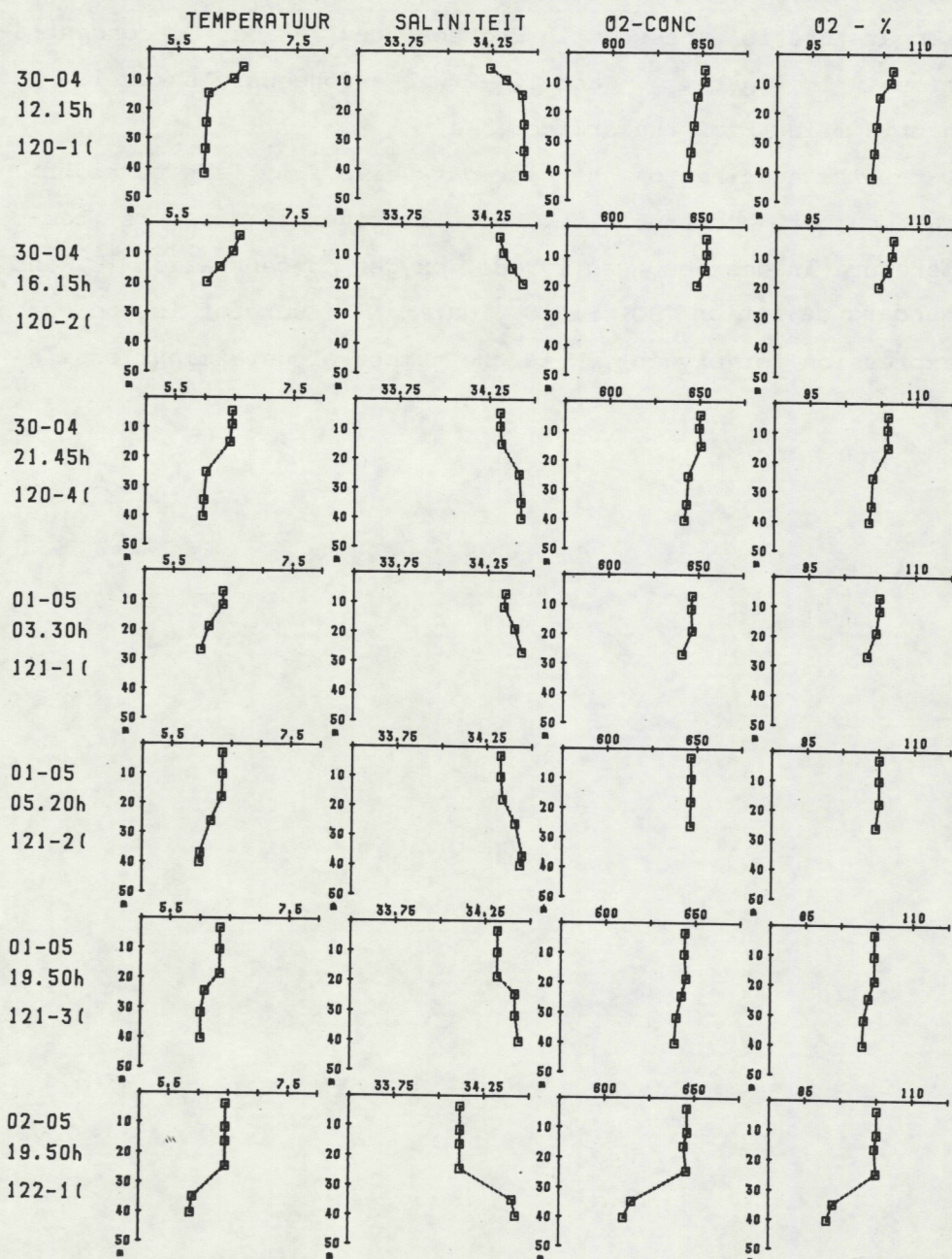
4.1. EXPLANATORY NOTES

Graphs.—Each row consists of four graphs belonging to one cast. In the left margin date, hour (GMT) and cast number is given. Temperature is expressed in degrees centigrade, O₂-concentration in 10^{-3} gat·m⁻³. Cast 127-2 was erroneously taken 1.4 nautic miles E of the drifter.

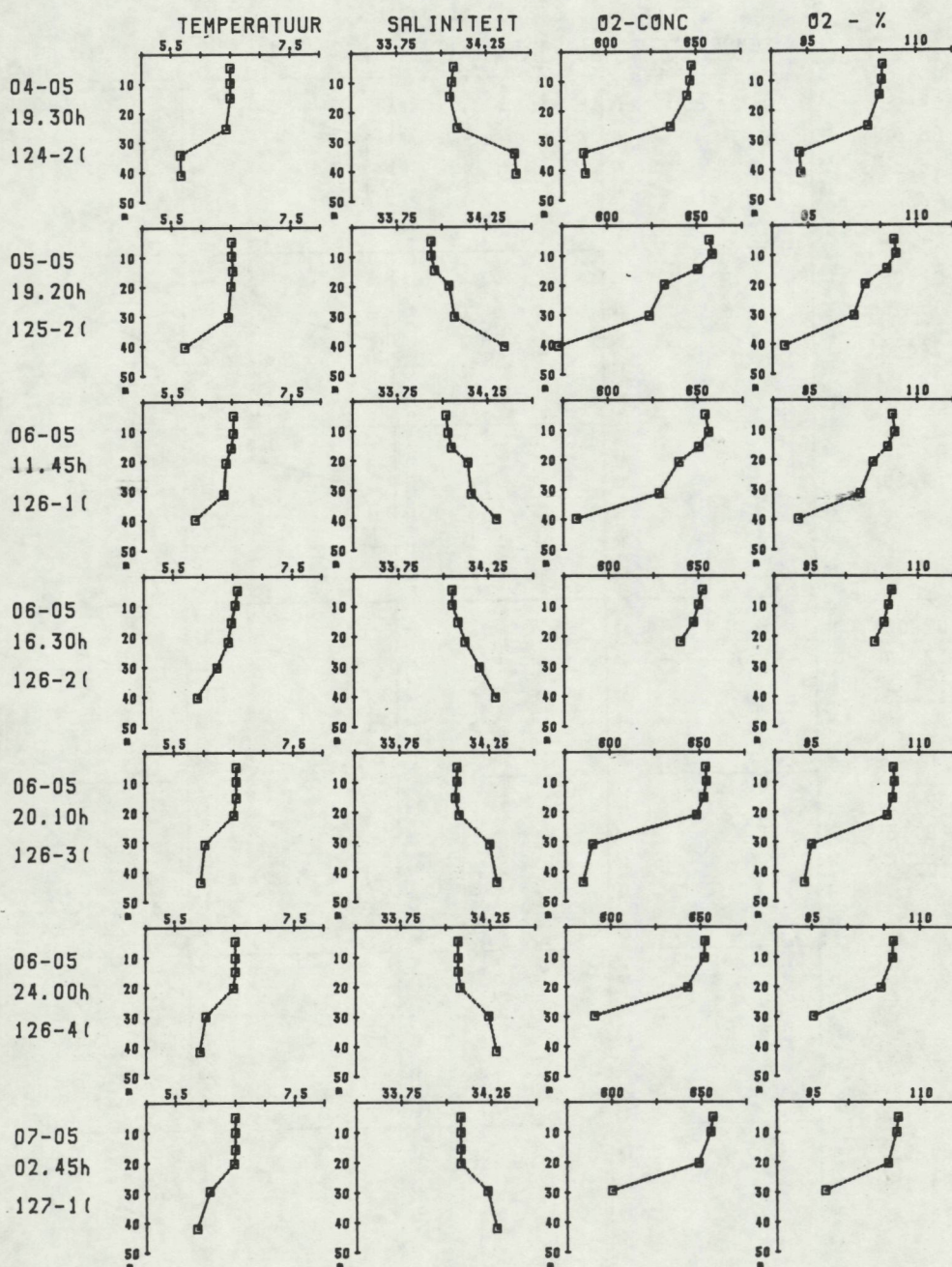
Data.—The headings of the cast data give from left to right: cast number, hour and date. Depth is given in decibars, temperature in degrees centigrade, oxygen concentration (C) and standard deviation (SD) in 10^{-3} gat·m⁻³ (Zuurstof is the Dutch expression for oxygen), N is the number of determinations.

4.2. GRAPHS OF TEMPERATURE, SALINITY, OXYGEN CONCENTRATION
AND OXYGEN PERCENTAGE VERSUS DEPTH

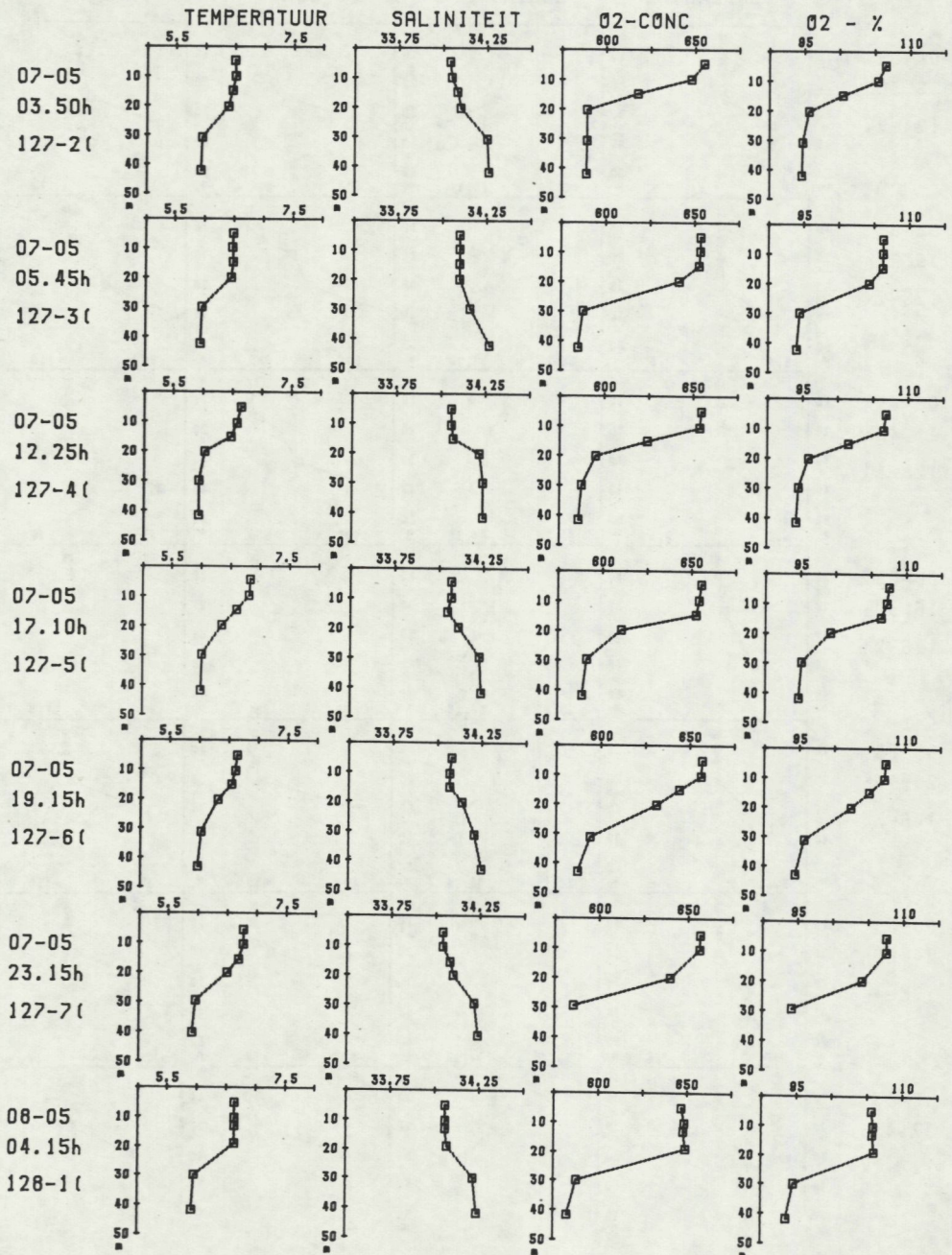
CENTRALE NOORDZEE
MEI 1981.



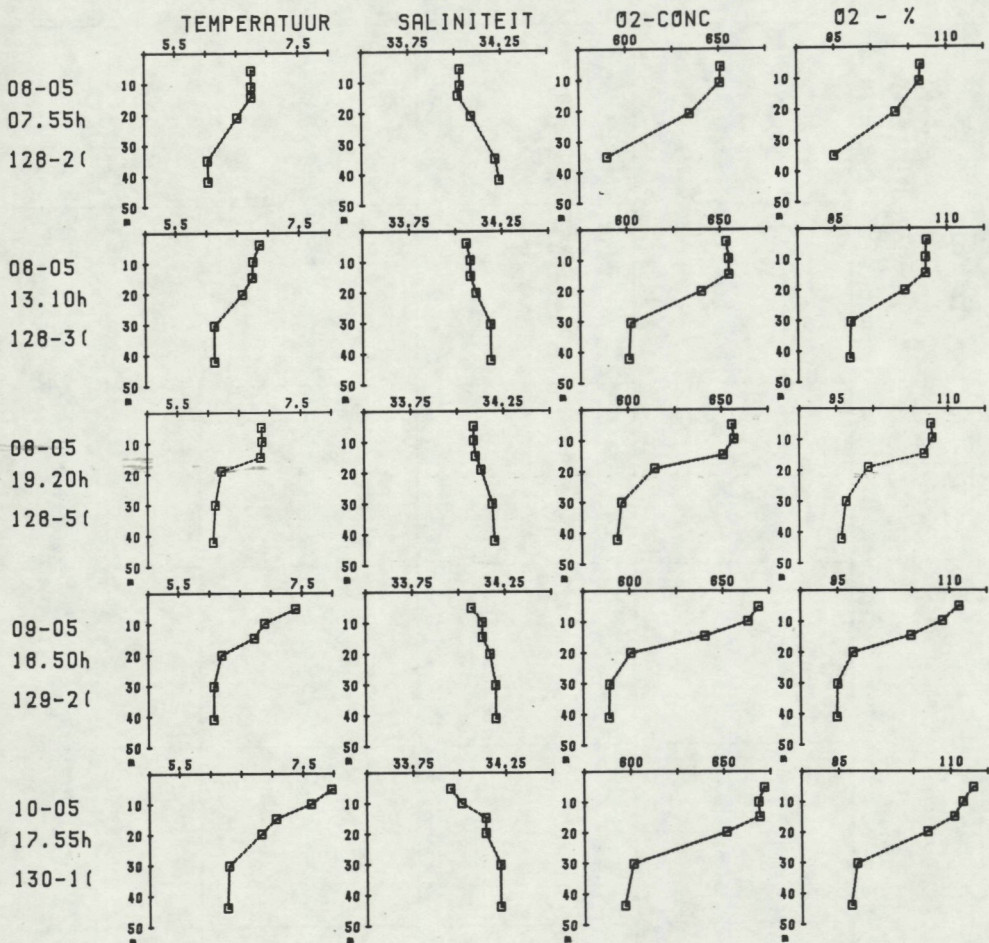
CENTRALE NOORDZEE MEI 1981.



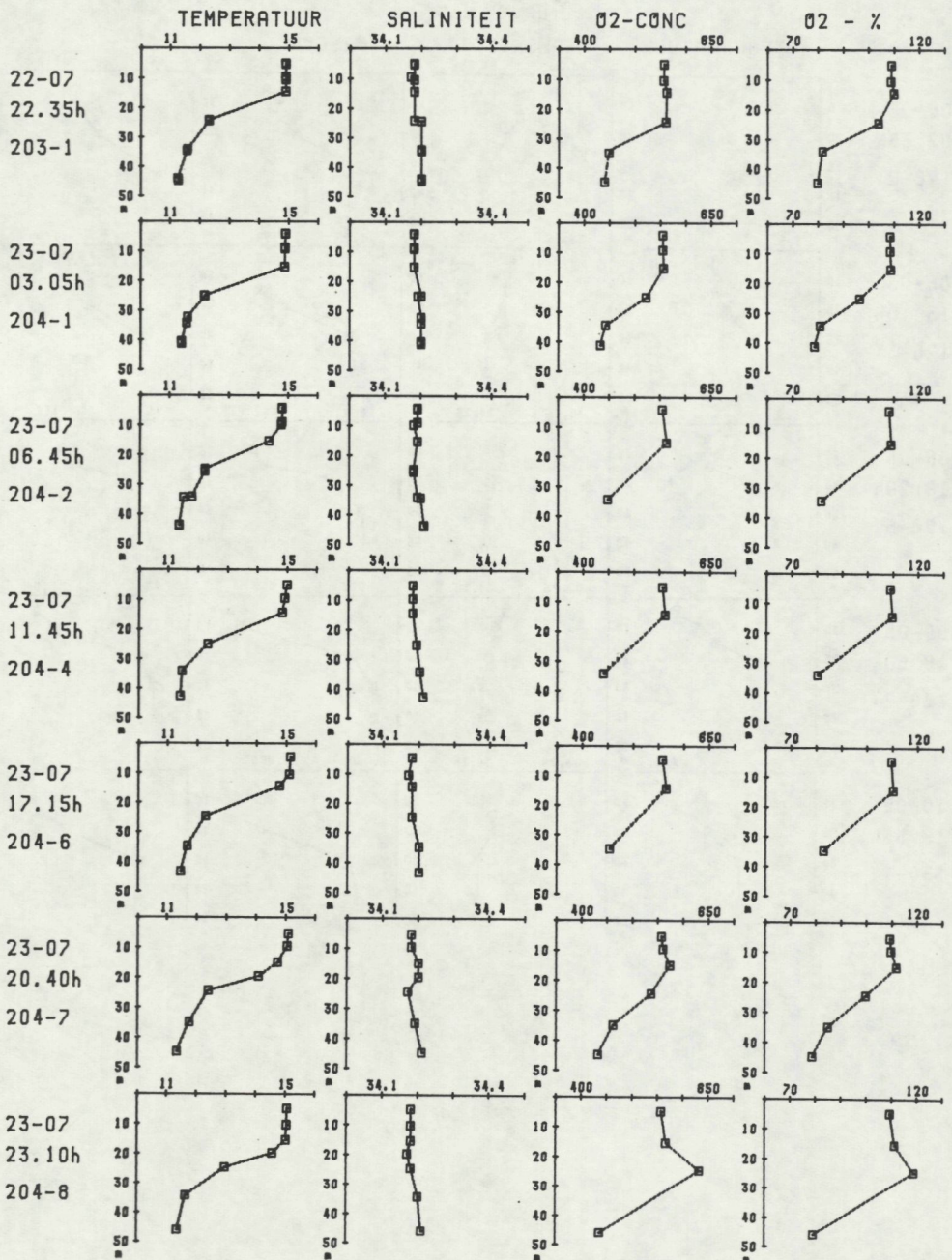
CENTRALE NOORDZEE MEI 1981.



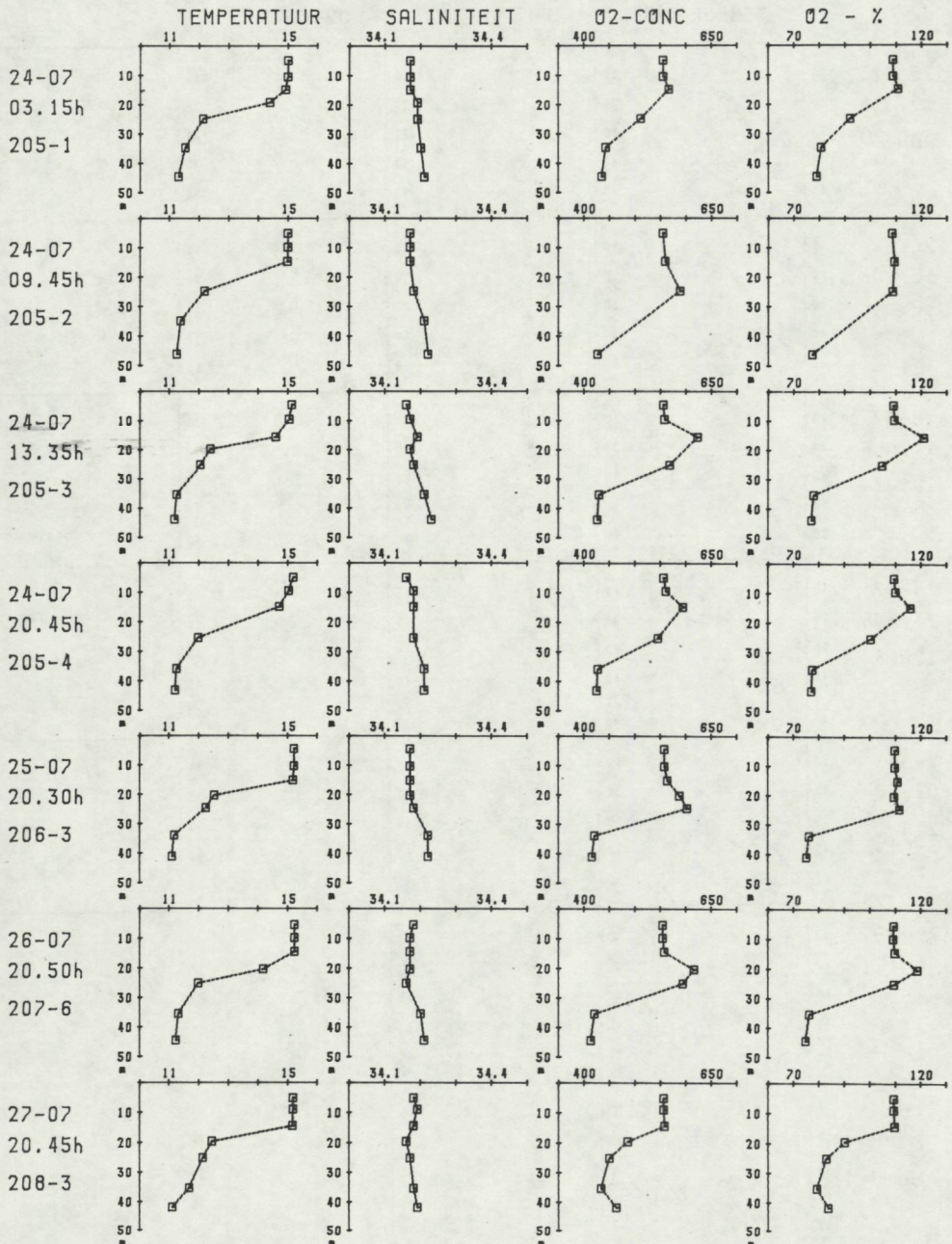
CENTRALE NOORDZEE MEI 1981.



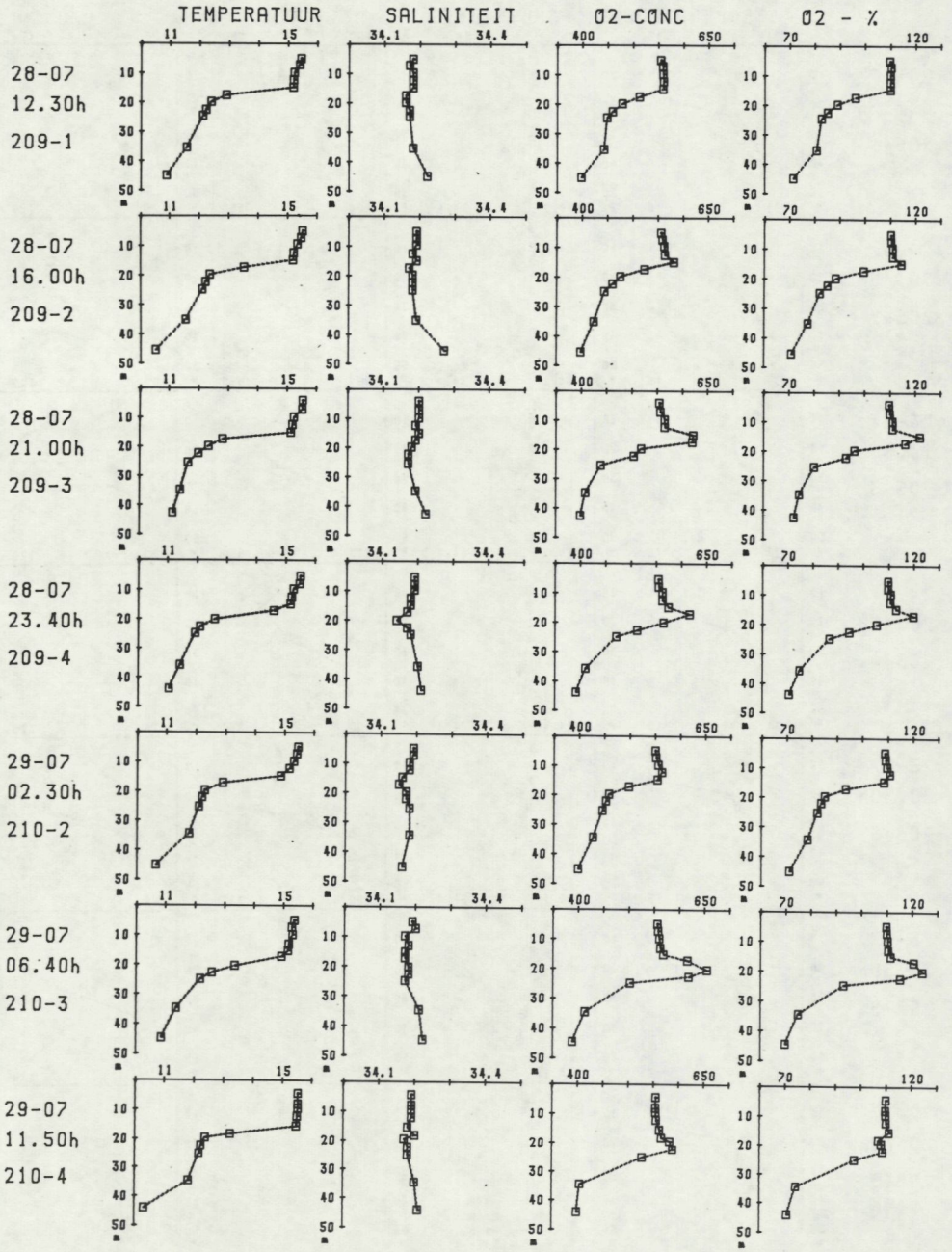
CENTRALE NOORDZEE JULI 1981.



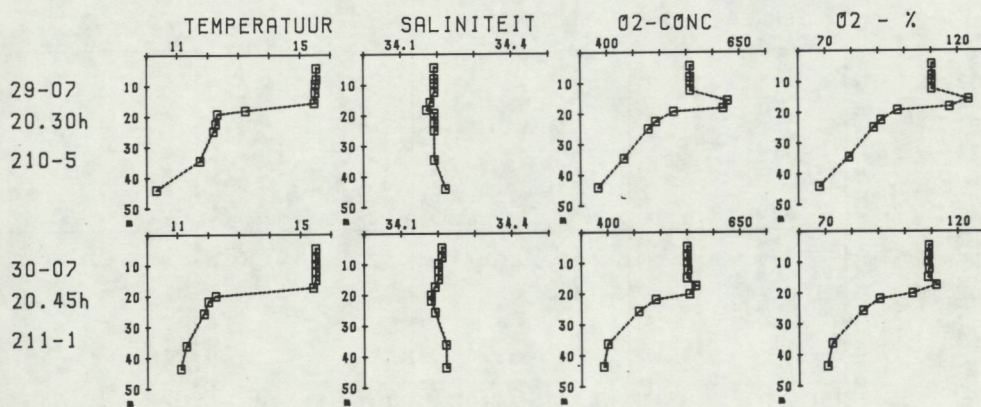
CENTRALE NOORDZEE JULI 1981.



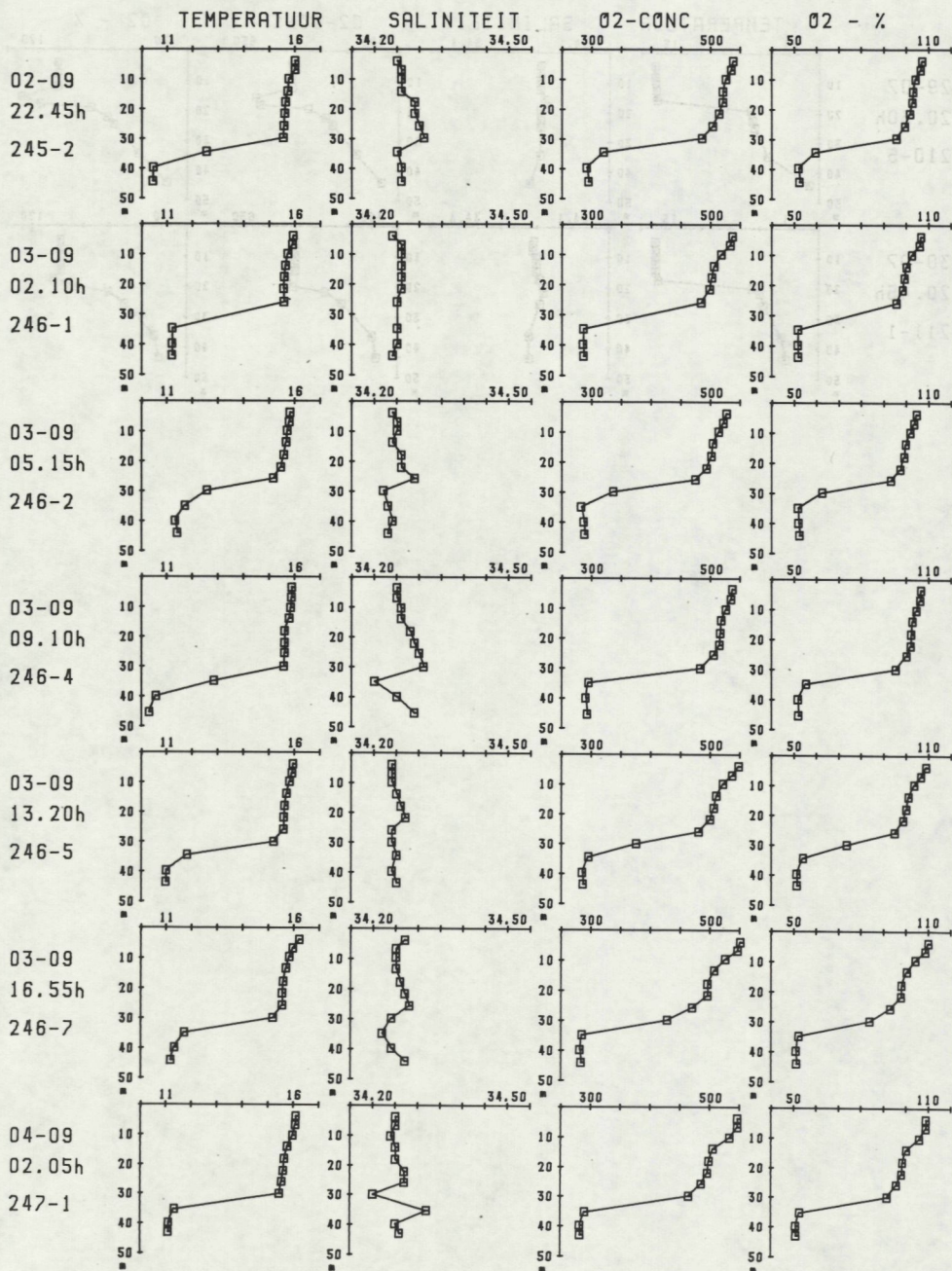
CENTRALE NOORDZEE JULI 1981.



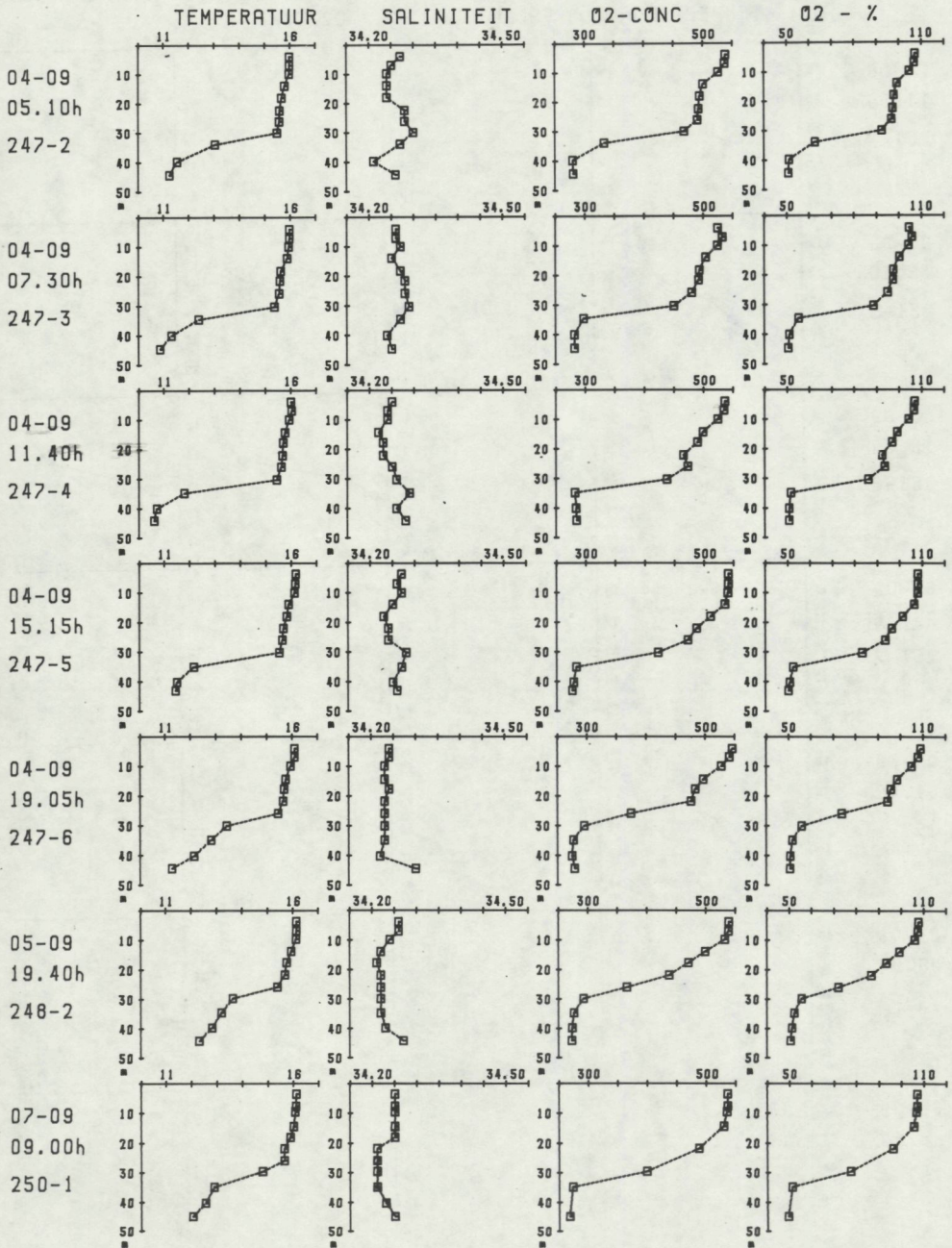
CENTRALE NOORDZEE JULI 1981.



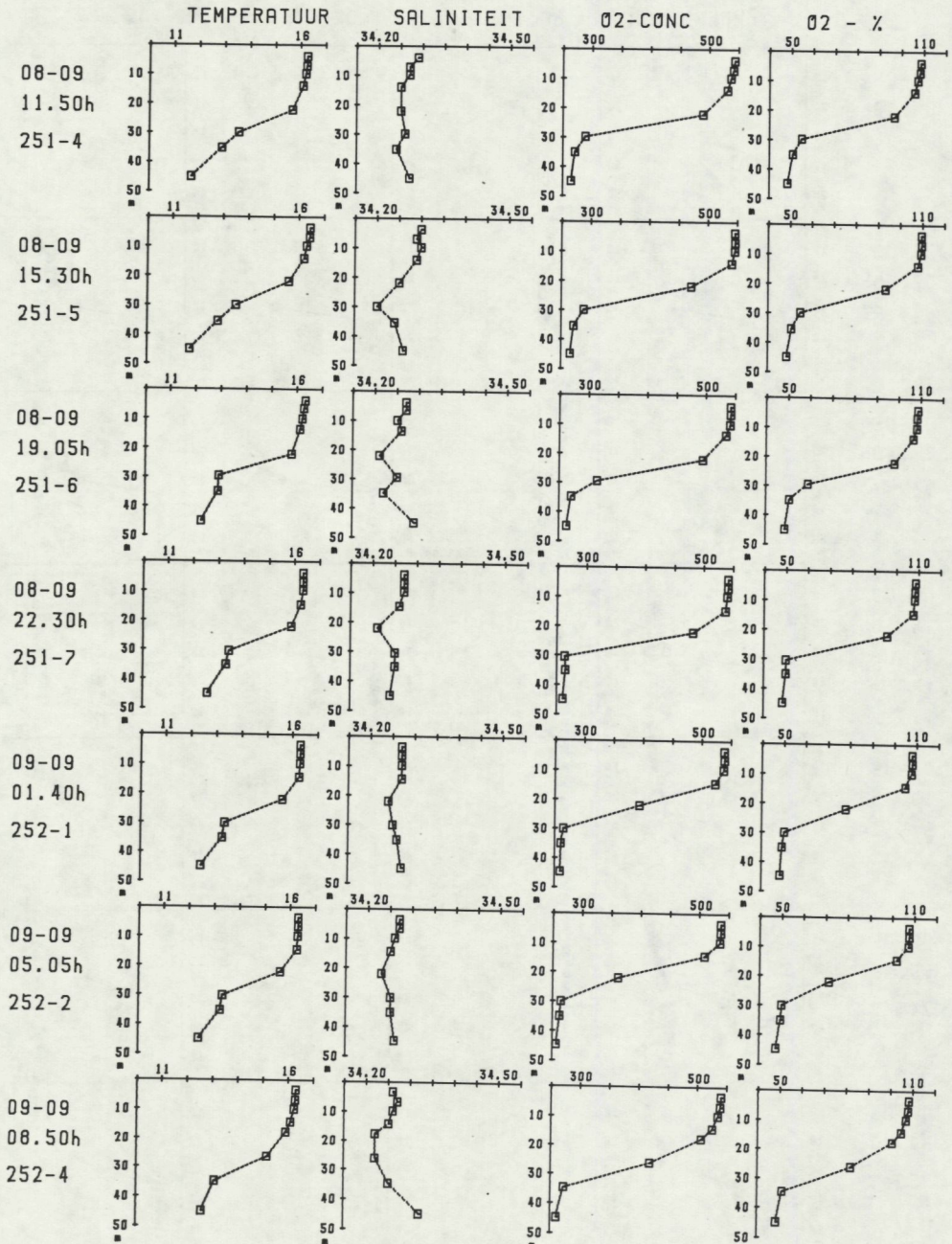
CENTRALE NOORDZEE SEPT 1981.



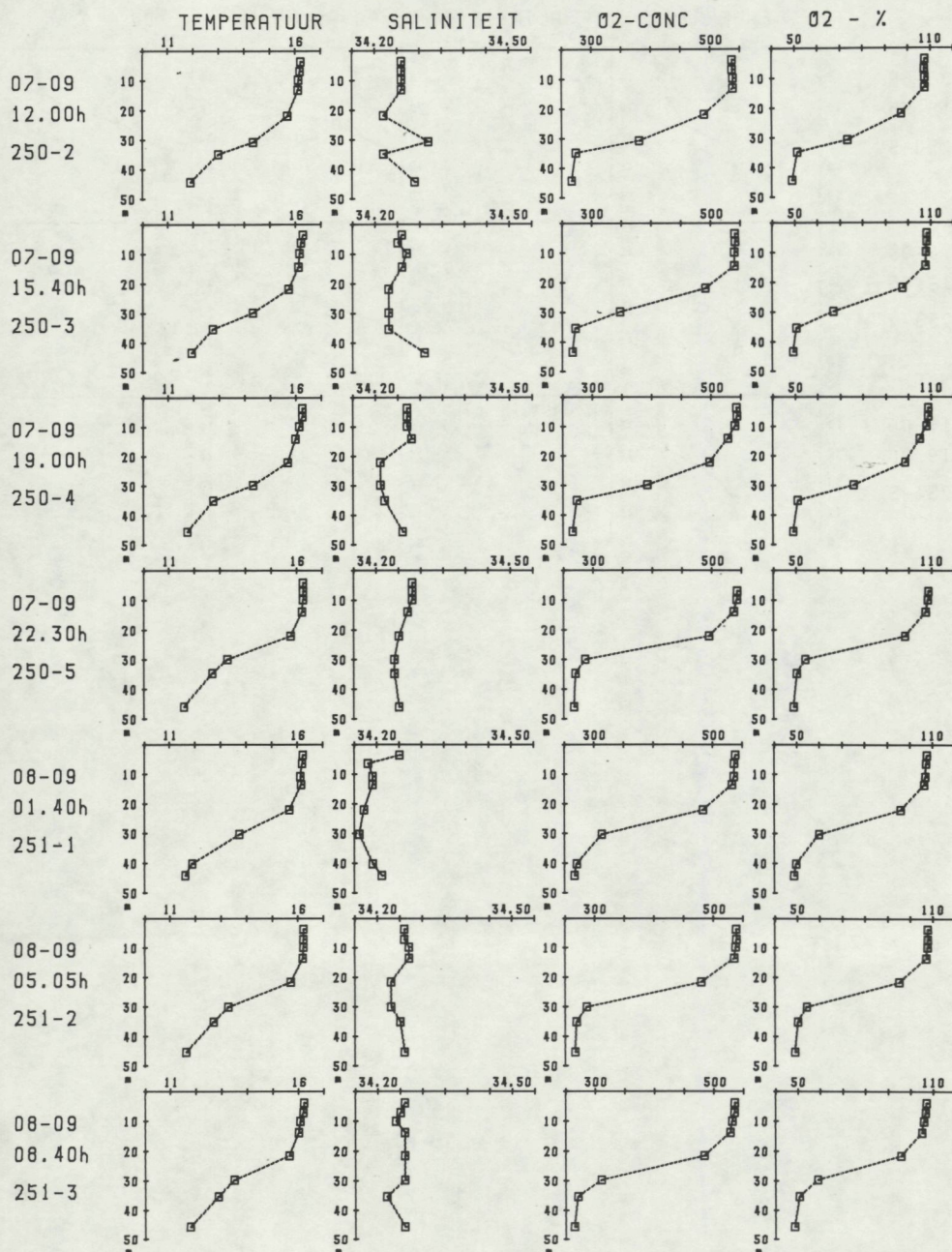
CENTRALE NOORDZEE SEPT 1981.



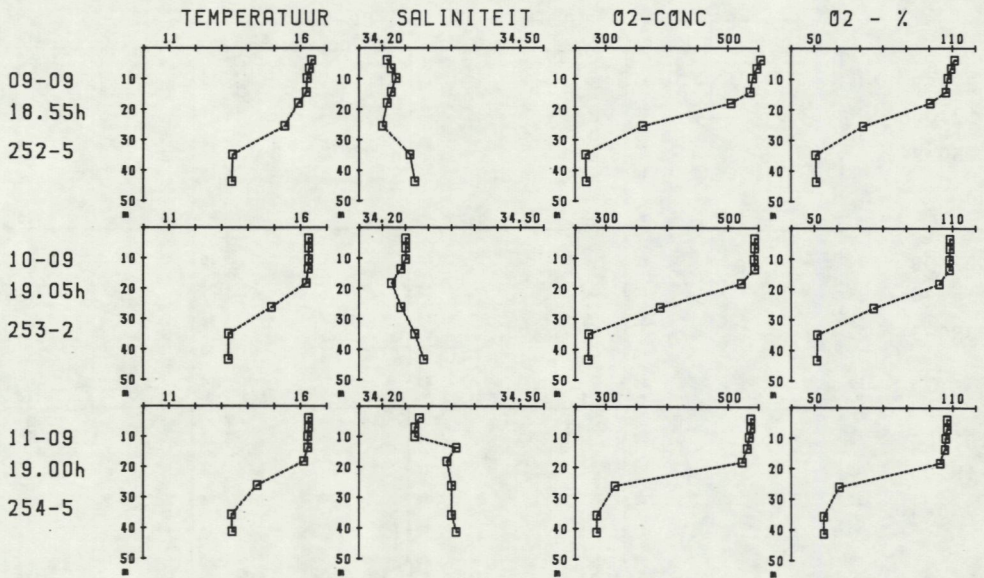
CENTRALE NOORDZEE SEPT 1981.



CENTRALE NOORDZEE SEPT 1981.



CENTRALE NOORDZEE SEPT 1981.



4.3. TABLES OF DEPTH, TEMPERATURE, SALINITY, OXYGEN
CONCENTRATION AND OXYGEN PERCENTAGE PER CAST

120-1(1) 12.15 30-04-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

-C- SD N %

41.9	05.94	34.43	642.5	.5	4	103.4
33.6	05.96	34.43	644.0	.1	3	103.7
24.6	05.97	34.43	645.7	.6	3	104.0
14.6	06.01	34.42	647.6	1.0	4	104.4
09.6	06.43	34.33	651.8	.1	4	106.0
05.6	06.59	34.24	651.7	.3	4	106.3

120-2(1) 16.15 30-04-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

-C- SD N %

19.7	06.00	34.43	647.8	.2	4	104.4
14.6	06.22	34.37	652.2	.4	4	105.6
09.3	06.44	34.32	653.3	.2	4	106.3
04.1	06.55	34.30	653.0	.3	4	106.5

120-4(1) 21.45 30-04-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

-C- SD N %

40.3	05.97	34.43	641.8	.1	4	103.3
34.7	05.98	34.43	643.0	.7	4	103.6
25.2	06.02	34.42	643.9	.3	4	103.8
15.0	06.42	34.32	651.0	.3	4	105.9
09.0	06.45	34.31	649.9	.2	4	105.8
04.5	06.45	34.31	650.5	.2	4	105.9

121-1(2) 03.30 01-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

-C- SD N %

26.8	05.96	34.44	641.1	.5	4	103.2
18.8	06.09	34.40	646.7	.1	4	104.4
11.5	06.33	34.34	646.3	.3	3	104.9
07.1	06.32	34.35	646.6	.7	3	104.9

121-2(2) 05.20 01-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

-C- SD N %

40.0	05.96	34.44				0
36.8	05.97	34.45				0
26.0	06.15	34.41	646.4	.3	4	104.5
17.8	06.33	34.34	646.6	.5	4	105.0
10.1	06.34	34.33	647.0	.4	4	105.0
02.9	06.34	34.33	646.6	.5	4	105.0

121-3(2) 19.50 01-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

-C- SD N %

40.1	06.01	34.44	638.6	.4	4	102.9
31.5	06.01	34.42	639.7	.3	3	103.1
24.3	06.07	34.42	642.4	.2	4	103.7
18.6	06.32	34.32	644.9	.2	4	104.6
10.4	06.32	34.32	644.0	.1	4	104.5
03.2	06.33	34.32	644.3	.5	4	104.6

122-1(3) 19.50 02-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
40.3	05.86	34.43	610.7	.3 3 98.1
34.7	05.90	34.41	615.3	.4 3 98.9
24.5	06.44	34.12	645.8	.2 3 104.9
16.2	06.44	34.12	644.3	.2 4 104.7
11.6	06.44	34.12	646.2	.2 3 105.0
03.6	06.44	34.12	646.0	.4 4 105.0

124-2(5) 19.30 04-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
40.9	05.66	34.42	588.1	.8 4 94.0
34.1	05.65	34.41	587.2	.2 3 93.8
25.2	06.42	34.09	635.8	.2 3 103.3
14.7	06.49	34.05	645.2	.2 4 104.9
09.7	06.49	34.06	646.9	.3 3 105.2
04.6	06.49	34.07	647.7	.2 4 105.3

125-2(6) 19.20 05-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
40.4	05.71	34.35	572.4	.2 3 91.6
30.3	06.44	34.07	623.6	.1 4 101.3
19.8	06.49	34.04	632.1	.3 4 102.8
14.5	06.52	33.96	650.6	.2 3 105.8
09.5	06.50	33.94	658.8	.5 4 107.1
04.8	06.50	33.94	657.1	.3 4 106.8

126-1(7) 11.45 06-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
39.8	05.87	34.30	582.0	.2 4 93.4
31.3	06.35	34.16	628.6	.2 4 102.0
20.8	06.39	34.14	639.6	.7 4 103.8
15.7	06.48	34.05	650.8	.3 4 105.8
10.6	06.51	34.03	656.2	.5 4 106.8
04.7	06.52	34.02	654.4	.1 3 106.5

126-2(7) 16.30 06-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
40.3	05.89	34.29		0
30.2	06.22	34.20		0
21.8	06.41	34.12	639.9	.7 4 103.9
15.3	06.47	34.08	647.3	.4 4 105.2
09.5	06.53	34.05	650.1	.2 3 105.8
04.6	06.57	34.05	652.4	.2 4 106.3

126-3(7) 20.10 06-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
43.5	05.93	34.29	584.8	.2 4 94.0
30.8	06.00	34.25	590.1	.2 3 95.0
20.9	06.49	34.08	648.4	.2 4 105.5
15.1	06.53	34.06	652.5	.4 3 106.2
09.6	06.53	34.07	653.9	.1 4 106.5
04.9	06.53	34.07	653.5	.3 3 106.4

126-4(7) 24.00 06-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

-C- SD N %

41.5	05.90	34.28		0		
29.8	06.00	34.24	590.6	2.1	4	95.1
20.1	06.47	34.08	642.8	.5	4	104.5
14.8	06.50	34.07		0		
10.1	06.50	34.07	652.3	.3	4	106.1
04.6	06.50	34.07	652.6	.1	4	106.2

127-1(8) 02.45 07-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

-C- SD N %

41.9	05.85	34.28		0		
29.4	06.06	34.23	600.0	.4	4	96.7
20.3	06.47	34.08	648.6	.2	4	105.4
15.5	06.49	34.08		0		
09.9	06.49	34.08	655.5	.1	4	106.6
04.9	06.49	34.08	656.5	.2	3	106.8

127-2(8) 03.50 07-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

-C- SD N %

42.1	05.92	34.26	588.7	.1	2	94.6
30.8	05.94	34.25	589.1	.2	4	94.7
20.2	06.38	34.10	589.0	.9	3	95.6
14.8	06.45	34.08	617.8	.7	4	100.4
09.9	06.50	34.05	647.9	.4	4	105.4
04.6	06.49	34.04	655.2	.3	3	106.5

127-3(8) 05.45 07-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
42.3	05.93	34.27	584.6	.1 2 94.0
29.9	05.96	34.16	587.3	.3 3 94.4
19.9	06.45	34.10	641.5	.4 3 104.3
14.6	06.48	34.10	652.8	.2 3 106.2
09.6	06.47	34.10	653.5	.2 3 106.3
04.9	06.48	34.10	653.7	.2 4 106.3

127-4(8) 12.25 07-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
41.6	05.93	34.24	585.6	.5 4 94.1
29.9	05.93	34.24	587.4	.4 3 94.4
20.1	06.03	34.22	595.2	.4 4 95.8
15.1	06.47	34.07	624.3	.3 3 101.5
10.5	06.57	34.06	653.9	.1 3 106.5
05.1	06.64	34.06	654.8	.5 4 106.8

127-5(8) 17.10 07-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
41.8	05.98	34.24	588.6	.1 4 94.7
29.6	06.00	34.23	591.1	.2 4 95.1
19.7	06.34	34.11	610.7	1.8 3 99.0
14.5	06.59	34.05	652.8	.1 4 106.4
09.8	06.80	34.07	654.5	2.5 4 107.2
04.4	06.82	34.07	655.8	.4 3 107.5

127-6(8) 19.15 07-05-1981

-DB-TEMP-SAL.--Z U R S T O F

-C- SD N %

42.9	05.97	34.25	587.2	.2	3	94.4
31.1	06.03	34.21	594.1	.2	4	95.7
20.3	06.31	34.14	631.3	.3	3	102.3
15.0	06.54	34.07	644.4	.8	4	104.9
10.4	06.60	34.07	656.4	.1	3	107.0
05.1	06.63	34.08	657.1	.1	4	107.2

127-7(8) 23.15 07-05-1981

-DB-TEMP-SAL.--Z U R S T O F

-C- SD N %

40.2	05.90	34.24				0
29.4	05.96	34.22	585.5	.7	4	94.1
20.0	06.49	34.10	640.0	.2	4	104.1
15.5	06.68	34.08				0
10.4	06.76	34.04	656.8	.1	4	107.5
05.5	06.76	34.04	656.9	0	4	107.5

128-1(9) 04.15 08-05-1981

-DB-TEMP-SAL.--Z U R S T O F

-C- SD N %

41.8	05.91	34.24	582.5	.3	3	93.5
30.0	05.95	34.22	587.8	.2	4	94.5
18.8	06.63	34.07	649.3	.2	4	105.9
13.0	06.63	34.06	647.9	.3	4	105.7
10.3	06.63	34.06	648.6	.4	4	105.8
05.0	06.63	34.06	646.9	.3	4	105.6

128-2(9) 07.55 08-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
41.8	06.03	34.24		0
34.9	06.02	34.22	589.6	.5 4 94.9
20.9	06.50	34.09	634.4	.4 4 103.2
14.2	06.73	34.02		0
10.9	06.73	34.03	650.7	.2 4 106.4
05.7	06.73	34.03	651.2	.3 4 106.5

128-3(9) 13.10 08-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
42.1	06.11	34.19	601.0	.1 4 96.9
30.4	06.11	34.19	602.0	.2 4 97.1
20.1	06.57	34.11	640.2	.9 4 104.3
14.6	06.73	34.08	654.9	.4 3 107.1
09.3	06.74	34.08	654.8	.3 3 107.1
03.8	06.85	34.06	653.5	.5 4 107.2

128-5(9) 19.20 08-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
42.0	06.05	34.20	593.7	.1 4 95.6
30.0	06.09	34.19	596.3	0 4 96.2
19.0	06.20	34.13	614.1	.7 4 99.2
14.5	06.83	34.10	651.1	.1 3 106.7
09.3	06.86	34.09	657.0	.4 4 107.8
04.8	06.85	34.09	655.9	.4 3 107.6

129-2(10) 18.50 09-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

					-C-	SD	N	%
40.9	06.05	34.20	588.7	.3	3	94.8		
30.1	06.06	34.20	589.0	.2	4	94.9		
20.0	06.19	34.17	600.5	.2	4	97.0		
14.5	06.72	34.13	640.6	.6	3	104.8		
09.7	06.88	34.13	664.0	.2	4	109.0		
05.0	07.39	34.07	669.5	.1	3	111.2		

130-1(11) 17.55 10-05-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

					-C-	SD	N	%
43.7	06.26	34.22	596.4	.2	3	96.6		
30.1	06.28	34.22	601.2	.3	3	97.4		
19.7	06.81	34.14	651.6	.1	4	106.8		
14.7	07.05	34.14	669.4	.2	4	110.4		
09.9	07.62	34.01	668.9	.7	3	111.6		
05.1	07.95	33.95	672.1	.3	4	113.0		

203-1 22.35 22-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

				-C-	SD	N	%
44.7	11.26	34.20	439.7	.2	3		79.7
44.0	11.25	34.20				0	
34.0	11.57	34.20	447.2	.4	4		81.6
34.5	11.55	34.20				0	
24.3	12.28	34.20	559.8	1.1	4		103.7
24.1	12.28	34.18				0	
14.3	14.86	34.18	561.8	.1	3		109.7
09.3	14.87	34.17				0	
10.4	14.87	34.18	555.9	.4	4		108.6
05.3	14.87	34.18				0	
05.0	14.87	34.18	556.3	1.6	4		108.7

204-1 03.05 23-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

				-C-	SD	N	%
41.1	11.38	34.20	431.7	.3	4		78.4
40.4	11.38	34.20				0	
34.2	11.55	34.20	442.4	.2	4		80.7
32.2	11.58	34.20				0	
25.1	12.17	34.19	521.3	.5	4		96.3
25.0	12.14	34.20				0	
15.3	14.84	34.18	555.9	.1	4		108.5
08.7	14.85	34.18				0	
09.1	14.85	34.18	554.3	.3	3		108.2
04.0	14.86	34.18				0	
04.1	14.86	34.18	554.3	.4	4		108.2

204-2 06.45 23-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

				-C-	SD N	%
43.6	11.33	34.21			0	
43.9	11.33	34.21			0	
34.3	11.47	34.20	446.9	.7	3	81.3
34.1	11.75	34.19			0	
25.5	12.18	34.18			0	
24.8	12.18	34.18			0	
15.2	14.34	34.19	562.4	.1	4	108.7
09.7	14.75	34.18			0	
08.9	14.78	34.19			0	
04.4	14.78	34.19			0	
04.1	14.78	34.19	554.0	.1	4	108.0

204-4 11.45 23-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

				-C-	SD N	%
42.6	11.39	34.21			0	
34.1	11.46	34.20	440.4	.4	4	80.1
25.0	12.31	34.19			0	
14.4	14.81	34.18	560.6	.3	4	109.4
09.5	14.89	34.18			0	
05.0	14.97	34.18	555.5	.3	4	108.7

204-6 17.15 23-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

-C- SD N %

43.2	11.43	34.20			0
34.6	11.65	34.20	453.3	.3 3	82.8
24.6	12.26	34.18			0
14.4	14.75	34.18	564.5	.2 3	110.0
10.4	15.07	34.17			0
04.5	15.10	34.18	556.8	.4 4	109.3

204-7 20.40 23-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

-C- SD N %

44.6	11.31	34.21	432.0	.2 4	78.4
34.7	11.73	34.19	462.0	.2 4	84.6
24.2	12.38	34.17	535.9	.2 4	99.4
19.5	14.06	34.20			0
14.9	14.70	34.20	572.8	.1 4	111.5
09.5	15.02	34.18	558.9	.4 3	109.5
05.2	15.05	34.18	556.2	.4 3	109.0

204-8 23.10 23-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

-C- SD N %

45.8	11.35	34.21	435.4	.6 4	79.0
34.2	11.63	34.20			0
24.5	12.95	34.18	631.6	.1 4	118.6
19.6	14.55	34.17			0
15.2	14.99	34.18	566.2	.1 4	110.9
10.2	15.02	34.18			0
04.8	15.03	34.18	556.2	.2 4	109.0

205-1 03.15 24-07-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.5	11.29	34.21	433.8	0 4 78.7
34.6	11.52	34.20	442.0	.2 4 80.5
24.7	12.12	34.19	511.0	.3 4 94.3
19.1	14.37	34.19		0
14.7	14.89	34.17	565.7	.1 4 110.5
10.4	14.96	34.17	555.0	.6 4 108.6
04.9	14.98	34.17	554.5	.2 4 108.5

205-2 09.45 24-07-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
46.0	11.24	34.22	426.2	.4 4 77.2
34.8	11.36	34.21		0
24.8	12.17	34.18	587.5	.4 4 108.5
14.6	14.95	34.17	558.2	.3 4 109.2
09.8	14.96	34.17		0
05.0	14.96	34.17	553.7	.2 3 108.3

205-3 13.35 24-07-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
43.9	11.16	34.23	425.2	.1 3 76.9
35.2	11.24	34.21	428.9	.2 4 77.7
25.1	12.03	34.18	567.2	.2 4 104.4
19.8	12.37	34.17		0
15.5	14.57	34.19	621.8	1.8 4 120.7
09.5	15.02	34.17	557.1	.7 2 109.1
04.5	15.11	34.16	554.5	.2 4 108.8

205-4 20.45 24-07-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
43.1	11.19	34.21	424.2	.4 4 76.8
35.8	11.24	34.21	426.9	.2 4 77.3
25.2	11.96	34.18	544.2	.6 4 100.1
14.7	14.68	34.18	593.4	.3 4 115.5
09.3	15.01	34.18	559.8	.1 3 109.7
04.9	15.16	34.16	555.2	.1 4 109.1

206-3 20.30 25-07-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
41.0	11.09	34.22	415.1	.3 4 74.9
33.8	11.16	34.22	420.2	.4 4 76.0
24.5	12.22	34.18	601.7	.4 4 111.3
20.2	12.50	34.17	586.9	.1 2 109.2
15.1	15.14	34.17	562.8	.5 3 110.5
10.2	15.18	34.17	557.3	.2 4 109.5
04.3	15.18	34.17	556.9	.2 4 109.5

207-6 20.50 26-07-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.3	11.21	34.21	412.3	.3 2 74.6
35.4	11.30	34.20	419.8	.5 4 76.1
25.0	11.96	34.16	593.3	1.1 4 109.1
20.3	14.15	34.17	614.9	.4 2 118.4
14.3	15.19	34.17	556.7	.1 3 109.4
09.7	15.19	34.17	553.8	.2 4 108.9
05.4	15.19	34.18	554.3	.1 4 109.0

208-3 20.45 27-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

				-C-	SD	N	%
41.8	11.10	34.19	462.5	.2	4	83.5	
35.2	11.66	34.18	432.7	.4	3	79.1	
25.0	12.12	34.17	449.0	.2	3	82.8	
19.5	12.42	34.16	484.6	1.2	2	90.0	
14.4	15.13	34.18	557.3	.1	3	109.4	
08.8	15.14	34.19	555.5	.3	3	109.1	
05.0	15.14	34.18	555.3	.4	4	109.1	

209-1 12.30 28-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

				-C-	SD	N	%
44.9	10.87	34.22	396.6	.1	2	71.3	
35.2	11.55	34.18	441.9	.4	3	80.6	
24.5	12.09	34.17	447.5	.2	3	82.5	
22.4	12.19	34.17	458.7	.2	3	84.8	
19.8	12.37	34.16	478.3	.3	3	88.7	
17.4	12.88	34.16	511.4	.6	3	95.9	
14.7	15.14	34.18	558.4	.1	3	109.7	
12.2	15.16	34.18	558.9	.3	2	109.8	
09.8	15.18	34.18	558.7	.5	3	109.8	
07.1	15.36	34.17	557.6	.3	3	110.0	
05.0	15.41	34.18	554.3	.1	3	109.5	

209-2 16.00 28-07-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

				-C-	SD N	%
45.4	10.50	34.27	396.7	.4	3	70.7
35.0	11.52	34.19	423.3	.4	2	77.1
24.7	12.08	34.18	444.2	.3	3	81.9
22.2	12.19	34.18	459.2	1.3	2	84.9
19.8	12.34	34.18	475.0	.2	3	88.1
17.3	13.50	34.17	522.8	.1	2	99.3
14.9	15.14	34.19	581.0	.6	2	114.1
12.4	15.17	34.18	563.3	.4	3	110.7
09.5	15.30	34.19	561.6	.3	3	110.7
07.3	15.43	34.19	557.4	.8	3	110.1
05.0	15.48	34.19	555.9	.6	2	109.9

209-3 21.00 28-07-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

				-C-	SD N	%
42.6	11.12	34.22	397.9	.8	3	71.9
34.8	11.37	34.19	407.5	.7	3	74.0
25.4	11.64	34.17	437.8	.2	3	80.0
22.2	11.98	34.17	503.6	.1	2	92.6
19.7	12.32	34.18	517.5	.7	3	95.9
17.3	12.79	34.19	619.0	.3	3	115.8
15.0	15.10	34.20	620.2	.2	3	121.7
12.3	15.16	34.19	563.8	.5	3	110.8
09.8	15.21	34.20	563.5	.4	3	110.8
07.0	15.49	34.20	555.2	.4	2	109.8
04.0	15.50	34.20	553.6	.1	3	109.5

209-4 23.40 28-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
43.7	11.03	34.21	390.6	.2 3 70.4
35.7	11.40	34.20	409.8	.1 2 74.5
24.8	11.92	34.18	470.4	.3 3 86.4
22.5	12.08	34.17	511.6	.2 3 94.3
20.0	12.58	34.14	563.5	.4 2 105.0
17.1	14.57	34.17	614.9	.1 3 119.4
14.8	15.13	34.18	573.1	.7 2 112.5
12.4	15.17	34.18	561.5	.5 3 110.3
09.6	15.23	34.19	561.4	.2 2 110.5
07.8	15.44	34.19	554.1	.1 2 109.5
05.2	15.46	34.19	553.5	.5 3 109.4

210-2 02.30 29-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
45.0	10.64	34.16	397.3	.2 3 71.0
34.4	11.75	34.18	426.6	.1 3 78.1
25.2	12.08	34.18	445.5	.1 3 82.1
22.1	12.18	34.17	452.0	.2 3 83.5
19.7	12.27	34.17	457.9	.4 2 84.8
17.2	12.88	34.15	497.1	.4 2 93.2
14.8	14.84	34.16	554.3	.4 3 108.2
12.2	15.13	34.18	562.7	.3 3 110.5
09.8	15.29	34.18	555.8	.6 3 109.5
07.2	15.39	34.19	551.2	.8 3 108.8
04.9	15.43	34.19	549.7	.2 3 108.6

210-3 06.40 29-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.5	10.85	34.22	387.9	.1 3 69.7
34.5	11.35	34.21	412.2	.2 3 74.8
24.8	12.16	34.17	501.7	1.9 4 92.7
22.5	12.55	34.18	617.6	.1 2 115.0
20.2	13.32	34.18	654.0	.5 2 123.7
17.1	14.90	34.17	615.4	.0 2 120.3
15.1	15.12	34.17	567.1	.3 3 111.3
12.9	15.14	34.18	561.2	.6 3 110.2
09.8	15.27	34.17	559.4	.1 3 110.1
07.2	15.25	34.20	556.7	.2 3 109.6
04.9	15.34	34.19	555.3	.3 4 109.5

210-4 11.50 29-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
43.5	11.17	34.21	398.2	.2 2 72.0
34.9	11.21	34.20	404.5	.7 3 73.2
25.2	12.28	34.16	527.2	.5 3 97.6
22.1	13.80	34.14	587.3	.0 2 112.2
19.7	15.13	34.16	581.9	.0 3 114.3
17.4	15.18	34.18	565.3	.3 3 111.1
14.6	15.38	34.18	561.3	.1 2 110.8
12.2	15.50	34.18	555.0	.2 3 109.8
10.2	15.53	34.18	554.1	.1 3 109.7
7.2	15.55	34.18	553.5	.4 3 109.6
4.7	15.55	34.18	553.9	.2 3 109.7

210-5 20.30 29-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.0	10.30	34.22	382.2	.3 3 67.8
34.5	11.72	34.19	431.4	.1 3 78.9
24.9	12.16	34.19	477.1	.2 3 88.1
22.4	12.24	34.19	491.8	.5 3 91.0
19.2	12.28	34.19	524.9	.2 2 97.2
18.1	13.20	34.17	618.8	.6 3 116.8
15.7	15.44	34.18	627.1	.1 2 123.9
12.3	15.46	34.19	556.4	.2 3 110.0
09.4	15.48	34.19	556.5	.1 3 110.0
07.9	15.50	34.19	556.5	.1 3 110.1
04.4	15.50	34.19	556.3	.1 3 110.1

211-1 20.45 30-07-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
43.5	11.08	34.22	391.2	.2 3 70.6
36.2	11.26	34.22	399.2	.4 3 72.3
25.6	11.84	34.19	458.0	.2 3 84.0
21.8	11.98	34.18	490.1	.4 3 90.2
20.0	12.22	34.18	553.9	.3 3 102.4
17.3	15.39	34.19	565.1	.2 3 111.6
14.7	15.46	34.20	548.5	.2 3 108.4
12.0	15.46	34.20	550.4	.2 2 108.8
09.8	15.46	34.20	549.6	.4 3 108.6
07.7	15.46	34.21	549.9	.3 2 108.7
04.6	15.46	34.21	549.7	.1 2 108.7

245-2 22.45 02-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

					-C-	SD	N	%
44.2	10.41	34.26	293.3	2.4	2			52.2
39.6	10.43	34.26	290.4	.5	3			51.7
34.3	12.53	34.25	318.8	.4	3			59.4
29.6	15.52	34.31	484.1	.1	3			95.9
25.6	15.56	34.30	502.1	.2	3			99.5
21.4	15.59	34.29	513.2	.8	3			101.8
17.6	15.61	34.29	519.3	.1	3			103.0
14.0	15.70	34.26	519.2	.2	3			103.2
09.9	15.75	34.26	524.3	.3	3			104.3
06.8	15.98	34.26	533.5	.1	3			106.6
03.9	15.98	34.25	536.9	.2	3			107.3

246-1 02.10 03-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

					-C-	SD	N	%
43.6	11.18	34.24	285.0	.1	2			51.6
39.8	11.17	34.25	284.3	1.1	2			51.4
34.6	11.19	34.25	285.1	.4	2			51.6
****	*****	*****					0	
25.9	15.55	34.25	482.9	.1	3			95.7
21.6	15.54	34.26	497.0	.4	3			98.4
17.6	15.57	34.26	500.6	.4	3			99.2
13.9	15.62	34.26	504.5	.2	3			100.1
09.9	15.71	34.26	516.9	.3	3			102.7
06.8	15.89	34.26	531.8	.1	3			106.1
03.8	15.91	34.24	535.0	2.1	3			106.8

1897-90-246-2 05.15 03-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	DB	TEMP	SAL.	Z	U	U	R	S	T	O	F
	-C-			SD	N						%
44.0	11.38	34.23	287.2	8.2	2						52.2
39.9	11.30	34.24	285.5	7.3	3						51.8
34.9	11.68	34.23	281.5	6.4	3						51.5
29.7	12.55	34.22	335.5	5.2	3						62.5
25.7	15.16	34.29	473.3	4.3	2						93.1
21.9	15.43	34.26	492.2	3.6	2						97.3
17.8	15.56	34.26	500.1	2.5	3						99.1
13.6	15.64	34.24	502.5	1.1	2						99.7
09.8	15.69	34.25	512.5	0.1	2						101.8
06.8	15.77	34.25	520.3	0.3	3						103.5
03.7	15.80	34.24	525.8	0.1	2						104.7

1897-90-246-4 09.10 03-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	DB	TEMP	SAL.	Z	U	U	R	S	T	O	F
	-C-			SD	N						%
45.2	10.28	34.29	291.6	8.2	3						51.8
39.9	10.55	34.25	288.8	7.5	2						51.5
34.7	12.83	34.20	294.2	6.0	2						55.1
29.9	15.55	34.31	481.4	4.8	3						95.4
25.4	15.58	34.30	504.2	3.0	2						100.0
22.1	15.58	34.29	513.9	2.3	3						101.9
18.1	15.59	34.28	514.9	1.4	3						102.1
13.8	15.76	34.26	517.0	0.8	2						102.8
10.2	15.82	34.26	524.6	0.3	3						104.5
06.8	15.86	34.25	532.7	0.3	2						106.2
03.5	15.87	34.25	535.2	0.2	3						106.7

246-5 13.20 03-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

				-C-	SD N	%
43.4	10.96	34.25	284.8	.2	2	51.3
39.6	10.97	34.24	283.8	.4	2	51.1
34.3	11.78	34.25	294.6	.2	3	54.0
29.9	15.18	34.24	374.5	.4	2	73.6
25.8	15.55	34.24	479.0	.1	3	94.9
21.7	15.57	34.27	498.0	.2	3	98.7
17.8	15.60	34.26	504.9	.5	2	100.1
13.7	15.68	34.25	509.0	.3	2	101.1
09.8	15.80	34.24	520.3	0	2	103.6
06.9	15.88	34.24	535.3	.1	3	106.7
03.8	15.93	34.24	546.3	.2	3	109.0

246-7 16.55 03-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

				-C-	SD N	%
44.0	11.16	34.27	282.4	.5	3	51.1
39.7	11.31	34.24	280.7	.1	3	50.9
34.7	11.70	34.22	284.6	.8	2	52.1
29.8	15.17	34.24	427.1	.2	2	83.9
25.5	15.53	34.28	469.0	.2	3	92.9
21.6	15.53	34.27	494.4	.4	2	97.9
17.7	15.57	34.26	494.5	.2	3	98.0
13.2	15.68	34.25	506.0	.1	3	100.5
09.5	15.81	34.25	524.5	.1	3	104.4
06.7	15.94	34.25	544.8	.1	3	108.8
03.8	16.20	34.27	549.3	.2	3	110.2

247-1 02.05 04-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

				-C-	SD	N	%
42.9	11.08	34.26	282.0	.5	3		50.9
39.8	11.10	34.25	281.3	.2	3		50.8
35.1	11.33	34.32	289.6	1.5	3		52.6
29.9	15.44	34.20	463.2	.1	2		91.5
25.8	15.52	34.27	484.5	.2	3		95.9
22.0	15.58	34.27	494.3	.1	2		98.0
18.0	15.63	34.25	496.8	.2	3		98.6
13.9	15.75	34.25	504.3	.5	2		100.3
10.1	15.95	34.24	531.3	.3	2		106.1
06.7	16.06	34.25	544.6	.3	3		109.0
03.7	16.07	34.25	544.6	0	3		109.0

247-2 05.10 04-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

				-C-	SD	N	%
44.2	11.23	34.26	279.9	.1	2		50.7
39.8	11.53	34.21	279.6	.4	3		51.0
33.8	13.03	34.27	332.5	4.6	3		62.6
29.9	15.47	34.30	467.2	6.9	3		92.4
26.0	15.55	34.28	489.1	.3	3		96.9
22.3	15.57	34.28	491.3	0	1		97.4
18.0	15.65	34.24	493.3	2.4	2		97.9
13.8	15.76	34.24	499.2	0	2		99.3
09.8	15.94	34.24	524.2	.5	3		104.6
06.8	15.96	34.25	535.4	0	2		106.9
03.9	15.96	34.27	536.5	.2	3		107.2

247-3 07.30 04-09-1981

-DB-TEMP-SAL.--Z U U R S T O F

	-C-	SD	N	%
44.5	10.85	34.25	281.3	.3 3 50.5
40.0	11.30	34.24	281.3	.1 2 51.0
34.5	12.37	34.27	296.9	3.2 3 55.1
30.2	15.35	34.29	449.2	.3 2 88.7
25.8	15.54	34.28	479.0	.3 3 94.9
21.6	15.57	34.28	490.9	.3 3 97.3
18.2	15.60	34.27	492.1	.7 3 97.6
13.8	15.86	34.25	502.7	.3 3 100.2
09.9	15.92	34.27	522.6	.3 3 104.3
07.0	15.94	34.26	530.6	.4 2 105.9
04.0	15.94	34.26	523.2	0 1 104.5

247-4 11.40 04-09-1981

-DB-TEMP-SAL.--Z U U R S T O F

	-C-	SD	N	%
44.1	10.59	34.28	283.7	.6 2 50.7
40.0	10.70	34.26	282.9	.6 2 50.7
34.7	11.78	34.29	281.5	.5 3 51.6
30.2	15.42	34.26	436.4	.4 2 86.2
25.9	15.60	34.25	471.8	.2 3 93.5
22.0	15.65	34.23	464.6	.2 1 92.2
17.7	15.67	34.23	488.2	.3 3 96.9
14.2	15.75	34.22	497.7	.1 3 99.0
09.9	15.91	34.24	522.3	.1 3 104.2
06.8	16.01	34.24	532.8	.3 3 106.5
03.9	15.99	34.25	534.7	.3 3 106.9

247-5 15.15 04-09-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
42.9	11.42	34.26	275.3	3.9 2 50.1
40.1	11.48	34.25	278.2	.4 3 50.7
35.0	12.13	34.27	282.7	.5 2 52.2
30.1	15.50	34.28	420.3	.4 3 83.2
25.9	15.62	34.24	471.1	.1 3 93.4
21.9	15.66	34.24	485.6	.5 3 96.4
18.0	15.80	34.23	509.0	5.0 2 101.3
13.9	15.87	34.25	533.7	.2 2 106.4
10.0	16.10	34.27	538.7	.1 3 107.9
06.9	16.13	34.26	539.2	.3 3 108.1
03.6	16.15	34.27	539.4	.5 3 108.1

247-6 19.05 04-09-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.3	11.25	34.30	277.8	.1 2 50.4
40.1	12.11	34.22	273.9	.3 2 50.5
34.8	12.78	34.23	275.9	.5 2 51.6
30.0	13.39	34.23	293.9	1.4 3 55.7
25.8	15.42	34.23	372.9	.1 2 73.7
21.7	15.61	34.23	474.9	.3 3 94.2
17.6	15.66	34.24	481.9	.3 3 95.7
14.3	15.72	34.23	495.0	.2 3 98.4
09.9	15.92	34.23	525.7	.1 2 104.9
06.8	16.07	34.24	538.9	.1 3 107.8
04.0	16.08	34.24	544.2	.3 2 108.9

248-2 19.40 05-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.1	12.30	34.27	271.4	.1 3 50.3
39.8	12.79	34.23	272.5	.3 3 51.0
34.6	13.16	34.22	275.8	.4 3 52.0
29.8	13.60	34.22	291.2	.2 2 55.4
25.9	15.34	34.22	364.6	.1 3 71.9
21.8	15.65	34.22	436.3	.4 3 86.6
17.5	15.72	34.21	469.0	.2 3 93.2
13.8	15.90	34.22	497.1	.2 3 99.1
09.7	16.09	34.24	530.0	.1 3 106.1
06.9	16.10	34.26	536.4	.2 3 107.4
03.7	16.11	34.26	537.5	.2 3 107.7

250-1 09.00 07-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.7	12.02	34.25	267.1	.3 3 49.2
40.1	12.51	34.23		0
34.7	12.86	34.21	272.3	0 2 51.0
29.5	14.76	34.21	397.6	6.8 2 77.5
25.8	15.61	34.21		0
21.7	15.61	34.21	486.3	.1 2 96.4
17.9	15.86	34.25		0
14.3	15.99	34.25	527.8	.1 3 105.5
09.5	16.05	34.25	533.3	.1 3 106.7
07.6	16.07	34.25	534.6	.1 3 107.0
03.5	16.09	34.25	534.9	.2 3 107.1

250-2 12.00 07-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.2	11.88	34.29	265.9	.1 3 48.9
34.7	12.96	34.22	273.1	.1 3 51.3
30.7	14.34	34.32	379.7	.1 2 73.4
21.8	15.67	34.22	488.5	.1 3 97.0
13.1	16.09	34.26	536.9	.1 2 107.5
09.7	16.11	34.26	536.8	.2 3 107.5
06.8	16.16	34.26	535.6	.6 3 107.4
03.6	16.19	34.26	535.5	.3 3 107.5

250-3 15.40 07-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
43.3	11.90	34.31	266.7	.3 3 49.0
35.2	12.74	34.23	270.8	.3 3 50.6
29.8	14.30	34.23	346.6	1.2 3 66.9
21.8	15.70	34.23	489.4	1.3 3 97.2
14.4	16.09	34.26	538.2	.3 3 107.8
09.8	16.14	34.27	538.5	.3 3 107.9
06.1	16.20	34.25	539.5	.1 3 108.3
03.4	16.27	34.26	538.9	.2 3 108.3

250-4 19.00 07-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
45.5	11.72	34.26	265.4	.3 3 48.6
35.0	12.72	34.22	272.3	.3 3 50.9
29.7	14.29	34.21	390.9	.5 3 75.5
22.0	15.65	34.21	496.0	.2 3 98.4
14.0	15.95	34.28	526.2	0 3 105.1
09.7	16.11	34.27	538.6	.2 3 107.9
06.4	16.22	34.27	542.0	.6 3 108.8
03.6	16.23	34.27	541.2	.1 3 108.7

250-5 22.30 07-09-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
45.9	11.56	34.25	266.8	.3 3 48.7
34.6	12.66	34.24	269.1	.2 2 50.2
29.9	13.26	34.24	285.8	.3 3 54.0
21.9	15.73	34.25	493.7	.9 3 98.1
13.9	16.18	34.27	535.6	.2 3 107.4
09.8	16.22	34.28	540.7	.1 3 108.5
06.9	16.22	34.28	540.8	.1 3 108.6
04.1	16.22	34.28		0

251-1 01.40 08-09-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.1	11.60	34.21	266.0	.7 3 48.5
40.1	11.86	34.19	269.8	.1 3 49.5
30.3	13.71	34.16	312.1	1.4 3 59.5
21.9	15.66	34.17	482.6	.6 2 95.8
13.5	16.12	34.19	530.7	.2 3 106.3
10.8	16.09	34.19	534.2	.1 3 106.9
06.3	16.17	34.18	534.8	.1 3 107.2
03.4	16.20	34.25	536.4	.2 3 107.6

251-2 05.05 08-09-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
45.2	11.61	34.26	266.1	.5 3 48.6
35.0	12.67	34.25	268.5	.3 3 50.1
30.0	13.24	34.23	285.5	.5 3 53.9
21.6	15.69	34.23	478.0	.6 3 94.9
13.4	16.17	34.27	533.4	.6 3 107.0
09.8	16.19	34.27	535.9	0 1 107.5
07.0	16.19	34.26	537.3	.4 3 107.8
03.6	16.19	34.26	536.8	0 2 107.7

251-3 08.40 08-09-1981

-DB-TEMP-SAL.--Z U U R S T O F

	-C-	SD	N	%
45.5	11.75	34.26	264.3	.1 3 48.4
35.3	12.85	34.22	269.8	.2 3 50.6
29.6	13.47	34.26	309.3	.2 4 58.7
21.4	15.61	34.26	482.5	.4 2 95.7
13.7	15.98	34.26	525.9	.3 2 105.1
10.0	16.05	34.24	528.9	.1 3 105.8
07.0	16.17	34.25	532.7	.1 3 106.8
03.8	16.19	34.26	533.5	.5 3 107.0

251-4 11.50 08-09-1981

-DB-TEMP-SAL.--Z U U R S T O F

	-C-	SD	N	%
44.9	11.67	34.27	263.2	.5 3 48.1
35.0	12.87	34.24	269.7	.2 3 50.6
29.7	13.54	34.26	287.4	.2 3 54.7
22.0	15.66	34.25	488.3	.2 3 96.9
13.8	16.07	34.25	529.7	.4 3 106.0
09.8	16.18	34.27	535.5	.2 3 107.4
07.0	16.22	34.27	539.8	.5 2 108.4
03.8	16.24	34.29	541.5	.2 2 108.8

251-5 15.30 08-09-1981

-DB-TEMP-SAL.--Z U U R S T O F

	-C-	SD	N	%
44.9	11.68	34.26	264.9	.1 2 48.4
35.4	12.78	34.24	270.5	.2 3 50.6
29.9	13.50	34.20	287.8	.6 3 54.7
21.8	15.58	34.25	470.1	.3 2 93.2
14.0	16.18	34.29	538.9	.3 2 108.1
09.7	16.29	34.30	544.4	.5 3 109.5
06.8	16.40	34.29	544.9	.2 3 109.8
03.6	16.42	34.30	544.0	.2 3 109.7

251-6 19.05 08-09-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.9	12.22	34.29	262.1	.1 3 48.5
34.8	12.88	34.22	270.0	.4 3 50.6
29.4	12.90	34.25	313.8	0 3 58.9
21.9	15.78	34.21	493.7	.2 3 98.2
13.4	16.11	34.26	532.6	.1 2 106.7
09.9	16.20	34.25	539.6	.3 2 108.3
06.4	16.25	34.27	540.2	.5 3 108.5
03.9	16.31	34.27	540.3	.6 3 108.7

251-7 22.30 08-09-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.7	12.54	34.24	259.5	.4 3 48.3
35.0	13.28	34.25	263.9	.2 2 49.9
30.4	13.39	34.25	262.9	.1 2 49.8
21.9	15.85	34.21	481.0	1.1 2 95.8
14.5	16.22	34.26	535.6	.6 2 107.5
09.6	16.31	34.27	538.5	.3 3 108.3
06.8	16.31	34.27	539.6	.5 3 108.5
03.9	16.31	34.27	539.8	.2 2 108.6

252-1 01.40 09-09-1981

*-DB-TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.6	12.39	34.27	258.9	.1 2 48.1
35.0	13.22	34.26	259.7	.2 3 49.1
30.0	13.30	34.25	264.2	.3 3 50.0
21.9	15.58	34.24	393.2	.1 3 77.9
14.3	16.24	34.27	522.0	.2 3 104.8
09.8	16.27	34.27	535.8	.5 3 107.7
06.4	16.29	34.27	537.2	.4 3 108.0
03.5	16.29	34.27	536.9	.2 3 107.9

252-2 05.05 09-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.6	12.39	34.26	255.5	0 2 47.4
35.0	13.22	34.25	261.3	.4 3 49.4
30.0	13.31	34.25	263.4	.4 3 49.9
21.9	15.58	34.23	360.5	3.7 3 71.4
14.3	16.24	34.25	507.3	.2 2 101.9
09.8	16.27	34.26	533.6	.2 3 107.2
06.4	16.29	34.27	534.5	.3 3 107.5
03.5	16.29	34.27	534.5	.5 3 107.5

252-4 08.50 09-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
44.7	12.58	34.32	259.5	.7 3 48.4
34.5	13.08	34.25	271.5	.2 3 51.1
26.1	15.16	34.22	417.9	.3 3 82.1
17.5	15.88	34.22	505.2	.2 2 100.7
14.1	16.07	34.25	523.7	.3 3 104.8
09.8	16.21	34.26	533.4	.1 2 107.1
06.7	16.25	34.27	537.2	0 3 107.9
03.2	16.27	34.26	538.4	.1 2 108.2

252-5 18.55 09-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
43.6	13.36	34.27	267.5	.4 3 50.7
34.8	13.39	34.26	266.6	.5 3 50.5
25.4	15.38	34.20	360.0	2.1 3 71.1
17.8	15.90	34.21	503.3	.9 3 100.4
14.2	16.20	34.22	534.6	.4 3 107.3
09.8	16.23	34.23	538.3	.1 3 108.1
06.6	16.31	34.22	545.8	.3 3 109.7
03.8	16.40	34.21	551.8	.7 2 111.1

253-2 19.05 10-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
43.2	13.23	34.29	270.3	.3 3 51.1
34.9	13.24	34.27	271.1	.1 3 51.2
26.2	14.87	34.24	387.5	.2 3 75.7
18.2	16.19	34.22	519.9	.1 2 104.3
13.5	16.27	34.24	541.4	1.2 3 108.8
10.2	16.28	34.25	540.8	.4 3 108.7
06.5	16.29	34.25	542.0	.2 3 108.9
03.4	16.28	34.25	541.9	.1 3 108.9

254-5 19.00 11-09-1981

*-DB-*TEMP-*SAL.-*-Z U U R S T O F

	-C-	SD	N	%
41.1	13.38	34.36	284.1	.2 3 53.9
35.6	13.37	34.35	284.7	.7 3 54.0
26.0	14.33	34.35	313.9	.6 3 60.7
18.1	16.11	34.34	521.2	.2 3 104.5
13.6	16.25	34.36	529.8	.4 3 106.5
09.9	16.26	34.27	532.8	.2 3 107.1
06.9	16.28	34.27	535.0	.2 3 107.5
03.9	16.28	34.28	535.1	.1 3 107.6