

NOAA Technical Memorandum ERL GLERL-21

TEMPERATURE AND DISSOLVED OXYGEN DATA  
FOR LAKE ONTARIO, 1972 (IFYGL)

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## CONTENTS

	Pag
Abstract	i
1. INTRODUCTION	1
2. DATA COLLECTION AND CALIBRATION	1
3. CONCLUSIONS	2
4. REFERENCES	11
Appendix A. STATISTICAL SUMMARY BY CRUISE OF THE TEMPERATURE, DISSOLVED OXYGEN, AND PERCENT SATURATION DATA	12
Appendix B. TEMPERATURE, DISSOLVED OXYGEN, AND PERCENT SATURATION DATA FOR ALL AVAILABLE CRUISE AND STATION COMBINATIONS	19

FIGURE

	Page
1. Locations of U.S. ship stations on Lake Ontario during IFYGL.	3

## TABLES

	Pag
1. U.S. IFYGL ship station locations and depths.	4
2. Dates of IFYGL <i>Researcher</i> cruises mentioned in this memorandum.	7
3. Available cruise/station combinations for the data given in this memorandum.	8

TEMPERATURE AND DISSOLVED OXYGEN DATA  
FOR LAKE ONTARIO, 1972 (IFYGL)\*

Janice Dinegar Boyd and Brian J. Eadie

Continuous dissolved oxygen profiles taken in Lake Ontario in 1972 (IFYGL) have been edited, corrected, and averaged over 2-m intervals and over up and down traces to give temperature, dissolved oxygen, and oxygen percent saturation profiles at up to 27 discrete depths. For each cruise a statistical summary of the three variables is presented, and tables of the actual values are given for each available cruise and station combination. The data are available on magnetic tape from the National Climatic Center, Asheville, N.C.

1. INTRODUCTION

During the 1972-73 joint Canadian-United States International Field Year for the Great Lakes (IFYGL), the National Oceanic and Atmospheric Administration (NOAA) furnished two oceanographic research vessels to measure periodically a number of variables at stations throughout Lake Ontario. On board one of these vessels, the U.S. RV *Researcher*, was a submersible assembly containing an electrobathythermograph (EBT), an *in situ* dissolved oxygen monitor (DOM), and a rosette multisampler array for obtaining water samples at specified depths. For a description of U.S. ship systems, see Robertson (1974). Data tapes including the *Researcher* EBT and oxygen data are available from IFYGL Data Management, National Climatic Center (NCC), Federal Building, Asheville, N.C. 28801. Edited depth, temperature, dissolved oxygen, and oxygen percent saturation values calculated from these data tapes, plus a statistical summary, are given in this report.

2. DATA COLLECTION AND CALIBRATION

Depth and temperature values on the original NCC data tapes were in meters and degrees centigrade, and claimed accuracies are  $\pm 1$  percent and  $\pm 0.02$  percent (Robertson, 1974). Editing for obviously bad values was necessary. Oxygen values were recorded in volts and needed considerable correction and processing. Four factors had to be considered:

- 1) Salinity and temperature corrections
- 2) Calibration factors
- 3) Flow sensitivity
- 4) Instrument response time

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Salinity and temperature corrections were done as described in Pijanowski (1973). Calibration of the DOM was assumed done as described in Section 4.4.1.2c on the MINOS DOM Operating and Maintenance Instructions (Beckman Instruments, Inc., 1971). A calibration factor of 2 was obtained for the 12 cruises for which a calibration record was found. Conversion of the oxygen data from volts to ml (STP)/l was then

$$O \text{ (ml/l)} = 2 \cdot [-0.002 \cdot T \text{ (}^\circ\text{C)} + 1.27] \cdot O \text{ (volts),}$$

with an accuracy of  $\pm 0.3$  ml/l [National Oceanographic Instrumentation Center (NOIC), 1972]. This accuracy, however, was dependent upon the instrument's moving sufficiently rapidly in the water, a condition not always met as the instrument package approached bottom and as it halted for water samples on the upcast. It was assumed that values taken when the package was moving less than 0.25 m/sec were not reliable (NOIC, 1972, and our empirical results). Data values were retained for one response time after a decline in speed below 0.25 m/sec, then rejected until one response time after an increase in speed above 0.25 m/sec. Response times were calculated according to Pijanowski (1973). This screened oxygen data and the temperature data were averaged over 2-m intervals, a depth range corresponding roughly to one response time at the average speed at which the package moved and at the average temperatures encountered. A final response time correction was then made to the oxygen data by shifting the depth of the downcast values up 2 m and the depth of the upcast values down 2 m. Downcast and upcast values were averaged to produce a corrected profile and any missing values were linearly interpolated. Oxygen values in millilitres (STP) per litre were converted to milligrams per litre by multiplication by 1.4286. Oxygen percent saturation was calculated according to Table 74 in Hutchinson (1957).

### 3. CONCLUSIONS

U.S. IFYGL ship station locations are given in Figure 1 and Table 1 and cruises for which *Researcher* oxygen and EBT data are available for these stations are listed in Table 2. Table 3 indicates for which cruise/station combinations useful data were found. A statistical summary of the data is presented in Appendix A and the actual depth, temperature, dissolved oxygen, and percent saturation values for all available cruise/station combinations follow in Appendix B. Times given are GMT, which is 5 hours ahead of EST. Oxygen data above 6 m were unreliable, so no values are given above this depth. Similarly, oxygen data near bottom are not presented. Deeper than 40 m, temperature and oxygen values changed very little, so only selected depths are given.

The data in Appendix B are available on magnetic tape from IFYGL Data Management, Room 17, National Climatic Center, Federal Building, Asheville, N.C. 28801. Specify catalog number USA1-101-024-001 when requesting the data.

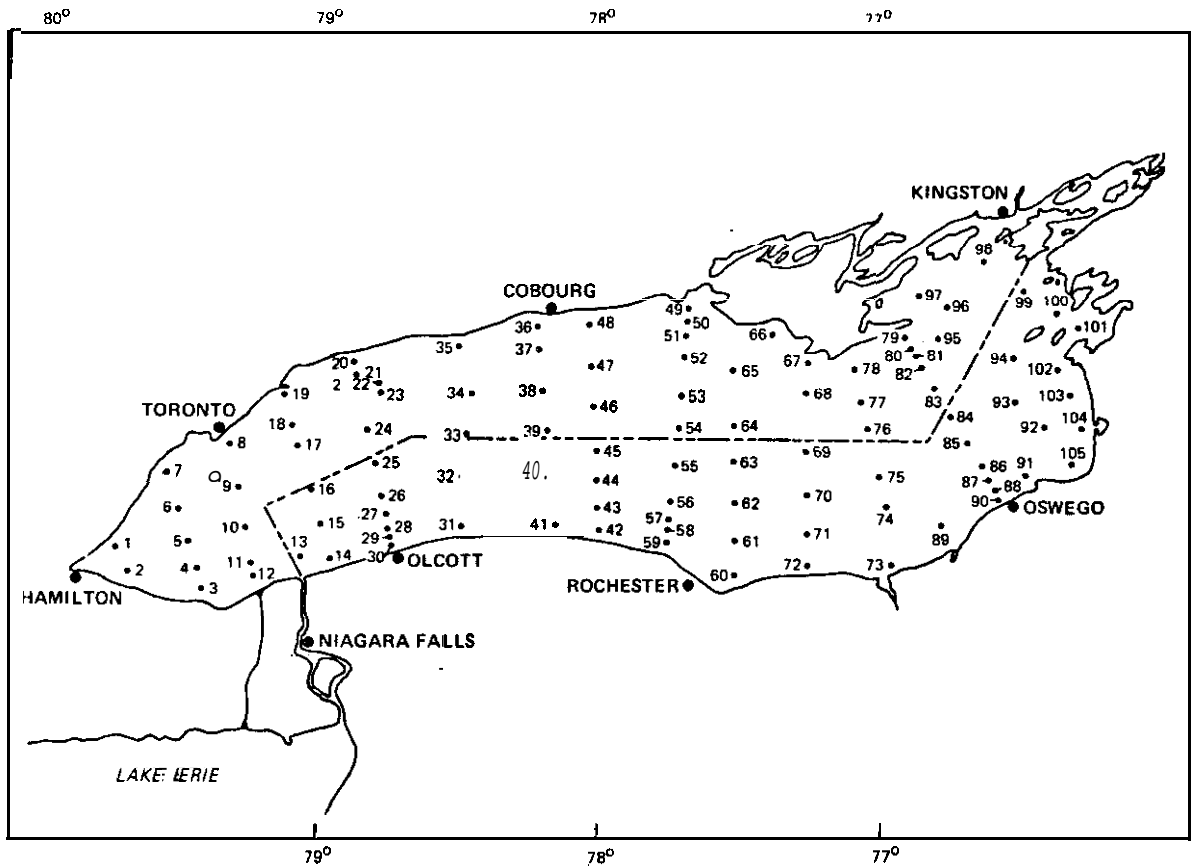


Figure 1. Location of U.S. ship stations on Lake Ontario during IFYGL.

An attempt was made to evaluate the accuracy of the oxygen data. In some cases dissolved oxygen values from water samples off the rosette multisampler array had been taken by using the Winkler method or an on-board oxygen probe, but examination of the data set showed so many obviously wrong values that it was decided to discard the data completely. A suitable Canadian data set was available for comparison, however. In a few instances Canadian personnel from Canada Centre for Inland Waters had collected oxygen data within a few days and a few miles of several IFYGL cruise/station combinations. These values agreed with our downtrace oxygen data to within  $\pm 0.5$  mg/l. Because of this and because our values all lie within the expected ranges for Lake Ontario (see, for example, Sweers, 1969), we feel the oxygen data are reasonably accurate, but cannot be more specific.



Table 1. U.S. IFYGL ship station locations and depths.

IFYGL Station No.	Geographic position						Approx. depth (m)
	Latitude N (deg min sec)			Longitude W (deg min sec)			
1	43	22	48	79	40	48	33
2	43	15	36	79	38	24	16
3	43	13	12	79	25	12	15
4	43	16	48	79	26	24	66
5	43	21	36	79	28	48	95
6	43	26	24	79	30	00	82
7	43	32	24	79	33	00	16
8	43	36	00	79	21	00	15
9	43	31	12	79	19	12	104
10	43	25	12	79	16	48	119
11	43	19	12	79	14	24	90
12	43	15	36	79	13	12	55
13	43	19	12	79	04	12	10
14	43	17	24	79	00	00	10
15	43	24	00	79	00	36	102
16	43	27	36	79	01	12	127
17	43	33	00	79	03	36	130
18	43	39	36	79	04	48	106
19	43	45	36	79	07	12	14
20	43	49	48	78	51	00	18
21	43	47	24	78	50	24	38
22	43	45	36	78	49	48	60
23	43	43	48	78	49	12	82
24	43	39	00	78	48	00	114
25	43	34	48	78	46	48	146
26	43	30	36	78	46	12	146
27	43	26	24	78	44	24	128
28	43	25	12	78	45	00	104
29	43	22	48	78	44	24	64
30	43	21	36	78	43	48	20
31	43	23	24	78	30	00	28
32	43	32	24	78	30	00	171
33	43	38	24	78	30	00	145
34	43	45	00	78	30	00	85
35	43	52	48	78	30	00	18

Table 1. U.S. IFYGL ship station locations and depths. (continued)

IFYGL Station No.	Geographic position						Approx. depth (m)
	Latitude N (deg min sec)			Longitude W (deg min sec)			
36	43	55	12	78	14	24	14
37	43	51	36	78	14	24	52
38	43	45	36	78	13	48	99
39	43	39	00	78	13	12	151
40	43	31	48	78	12	36	175
41	43	23	24	78	12	00	9
42	43	23	24	77	59	24	15
43	43	27	00	78	00	00	120
44	43	31	12	78	00	00	174
45	43	35	24	78	00	36	183
46	43	43	48	78	01	12	120
47	43	49	12	78	02	24	72
48	43	55	48	78	03	00	26
49	43	56	24	77	40	48	20
50	43	54	36	77	40	48	38
51	43	52	12	77	41	24	55
52	43	49	48	77	41	24	65
53	43	45	00	77	42	00	96
54	43	39	36	77	43	12	139
55	43	33	00	77	43	12	165
56	43	27	00	77	44	24	134
57	43	25	12	77	44	24	110
58	43	22	48	77	45	00	71
59	43	21	36	77	45	00	26
60	43	15	36	77	30	00	12
61	43	22	12	77	30	00	131
62	43	28	48	77	30	00	169
63	43	35	24	77	30	00	151
64	43	41	24	77	30	00	85
65	43	48	00	77	30	00	52
66	43	54	90	77	26	00	12
67	43	49	12	77	15	00	20
68	43	43	12	77	15	00	82
69	43	35	24	77	15	00	152
70	43	20	24	77	15	00	194

Table 1. U.S. IFYGL ship station locations and depths. (continued)

IFYGL Station No.	Geographic position						Approx. depth (m)
	Latitude N (deg min sec)			Longitude W (deg min sec)			
71	43	23	24	77	15	00	186
72	43	18	00	77	15	00	24
73	43	18	00	76	56	24	17
74	43	25	12	76	57	36	157
75	43	29	24	76	58	48	233
76	43	34	12	76	59	24	181
77	43	40	12	77	00	36	114
78	43	48	00	77	02	24	53
79	43	53	24	76	54	00	20
80	43	51	36	76	53	24	37
81	43	49	48	76	52	12	55
82	43	48	00	76	49	48	66
83	43	44	24	76	47	24	99
84	43	40	12	76	43	48	136
85	43	36	00	76	40	48	188
86	43	32	24	76	37	12	151
87	43	30	36	76	36	36	110
88	43	28	48	76	35	24	62
89	43	25	12	76	45	00	76
90	43	28	12	76	34	12	13
91	43	31	48	76	27	00	21
92	43	40	12	76	22	48	67
93	43	43	12	76	30	00	84
94	43	50	24	76	30	36	35
95	43	54	00	76	42	36	18
96	43	58	48	76	40	48	35
97	44	00	36	76	48	00	29
98	44	04	48	76	36	00	22
99	44	00	00	76	28	48	40
100	43	56	24	76	20	24	23
101	43	54	00	76	16	48	31
102	43	48	00	76	19	48	24
103	43	45	00	76	15	00	27
104	43	39	36	76	14	24	20
105	43	33	00	76	18	00	26

Table 2. Dates of IFYGL Researcher cruises mentioned in this memorandum.

Cruise	Date	Julian Day
8	19 - 23 June	171 - 175
9	26 - 28 June	178 - 180
10	5 - 7 July	187 - 189
14	31 July - 3 Aug.	213 - 216
16	14 - 17 Aug.	227 - 230
19	5 - 8 Sept.	249 - 252
20	11 - 14 Sept.	255 - 258
21	18 - 22 Sept.	262 - 266
22	25 - 27 Sept.	269 - 271
24	10 - 11 Oct.	284 - 285
27	30 Oct. - 3 Nov.	304 - 308
28	6 - 9 Nov.	311 - 314

Table 3. Available cruise/station combinations for the data given in this memorandum.

Station	Cruise											
	8	9	10	14	16	19	20	21	22	24	27	28
1				1							1	
2				1								
3				1							1	
4												
5		1					1					
6	1	1										
7				1			1				1	
8				1			1				1	
9												
10	1	1	1	1	1	1	1	1	1	1	1	1
11												
12				1								
13												
14											1	
15		1		1			1				1	
16												
17												
18												
19				1			1				1	
20			1	1			1				1	
21												
22												
23												
24		1		1	1	1	1	1			1	1
25												
26											1	
27												
28												
29												
30			1	1			1				1	
31				1			1				1	
32				1							1	
33												
34				1							1	
35				1			1				1	
36				1			1				1	
37												
38				1							1	
39												
40	1			1							1	

Table 3. Available cruise/station combinations for the data given in this memorandum. (continued)

Station	-----Cruise-----											
	8	9	10	14	16	19	20	21	22	24	27	28
41												
42				1							1	
43				1								
44											1	
45		1		1	1	1	1	1	1		1	1
46		1		1							1	
47												
48				1			1				1	
49				1			1	1	1		1	1
50			1	1			1	1	1			1
51				1		1	1	1	1			1
52				1	1		1	1	1		1	
53				1	1		1	1				
54				1	1		1	1			1	
55				1	1		1	1		1		
56				1	1		1	1	1	1	1	
57			1	1	1		1	1	1	1		
58				1	1		1	1	1	1		
59				1	1		1	1	1	1	1	
60				1	1			1			1	1
61				1	1	1		1	1			1
62				1	1	1		1	1		1	1
63	1			1	1	1		1	1			1
64	1			1	1	1		1	1		1	1
65				1	1	1		1	1	1		1
66							1	1	1		1	1
67				1	1	1		1	1		1	
68				1	1		1	1	1			1
69				1			1	1	1		1	1
70	1				1		1	1	1			1
71					1		1	1	1	1	1	1
72					1		1	1	1	1	1	1
73					1		1	1	1	1	1	1
74		1		1	1	1	1	1	1	1		1
75	1	1		1	1	1	1	1	1	1	1	1
76	1			1	1	1	1	1	1	1		1
77	1	1		1	1	1		1	1	1	1	1
78				1	1			1		1	1	1
79				1	1	1	1	1	1	1		
80				1	1	1	1	1	1	1		1

Table 3. Available cm&e/station combinations for the data given in this memorandum. (continued)

Station	$C_{ruise}$											
	8	9	10	14	16	19	20	21	22	24	27	28
81				1	1	1	1	1	1	1		1
82				1	1	1	1	1	1	1		1
83				1	1	1	1	1	1	1		1
84					1		1	1	1	1		1
85					1		1	1	1	1		1
86					1		1	1	1	1		1
87					1		1	1	1	1		1
88					1		1	1	1	1		1
89					1		1	1		1	1	1
90					1		1	1	1	1	1	1
91					1	1	1	1	1	1		1
92		1		1	1	1	1	1	1			1
93		1		1	1	1	1	1	1	1		1
94				1		1	1	1	1	1		1
95				1	1	1	1	1	1	1		1
96				1	1	1	1	1	1	1		1
97				1	1	1		1	1			1
98				1	1	1	1	1	1	1		1
99				1	1	1	1	1	1	1		1
100				1	1		1	1	1	1	1	1
101												
102												
103												
104												
105												

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Appendix A. STATISTICAL SUMMARY BY CRUISE OF THE TEMPERATURE, DISSOLVED  
OXYGEN, AND PERCENT SATURATION DATA

## CRUISE 8

DEPTH (M)	NO. STATIONS	TEMPERATURE (C)				DISSOLVED OXYGEN (MG/L)				PERCENT SATURATION			
		AVE	SD	MIN	MAX	AVE	SD	MIN	MAX	AVE	SD	MIN	MAX
6	9	8.09	3.05	3.52	12.08	14.14	1.00	13.08	16.00	123.83	14.16	103.93	143.20
8	9	7.38	2.62	3.52	11.77	14.10	0.91	13.04	15.75	121.21	11.99	103.85	139.48
10	9	6.79	2.40	3.51	10.92	14.15	0.91	12.97	15.86	119.80	11.19	104.01	139.40
12	9	6.03	1.89	3.52	8.60	14.04	0.73	13.17	15.40	116.60	9.46	104.20	135.10
14	9	5.54	1.76	3.50	8.17	13.90	0.59	13.14	15.02	114.01	8.29	103.93	131.47
16	9	5.27	1.67	3.50	7.99	13.79	0.56	12.86	14.71	112.29	7.33	103.79	128.21
18	8	4.64	1.27	3.50	7.10	13.63	0.46	12.86	14.28	109.06	4.07	103.97	115.07
20	8	4.46	1.15	3.50	6.64	13.61	0.46	12.85	14.34	108.39	3.87	103.87	113.93
22	8	4.26	0.94	3.49	6.26	13.60	0.42	12.92	14.20	107.83	3.40	103.55	112.61
24	8	4.07	0.68	3.50	5.58	13.63	0.40	13.09	14.19	107.49	3.28	103.46	112.37
26	8	3.93	0.50	3.50	5.05	13.65	0.39	13.15	14.20	107.29	3.17	103.88	111.41
28	8	3.87	0.40	3.50	4.75	13.64	0.37	13.24	14.14	107.03	3.07	103.69	111.77
30	8	3.83	0.35	3.49	4.56	13.65	0.36	13.13	14.19	106.98	2.93	103.60	111.17
32	8	3.80	0.31	3.49	4.44	13.64	0.36	13.10	14.22	106.60	2.97	103.33	111.26
34	8	3.78	0.27	3.49	4.31	13.66	0.39	13.22	14.14	106.97	2.93	103.63	111.67
36	8	3.74	0.22	3.49	4.13	13.67	0.38	13.24	14.28	106.97	3.18	103.63	111.67
38	8	3.72	0.19	3.50	4.05	13.65	0.38	13.33	14.29	106.93	3.15	103.59	111.69
40	8	3.80	0.18	3.50	3.93	13.66	0.36	13.31	14.22	106.76	3.04	103.81	111.11
50	8	3.68	0.12	3.50	3.94	13.65	0.36	13.34	14.27	106.57	2.97	103.61	111.37
60	8	3.68	0.10	3.49	3.85	13.66	0.36	13.33	14.28	106.52	2.98	103.54	111.38
76	8	3.53	0.07	3.48	3.68	13.67	0.40	13.35	14.27	106.61	3.13	103.69	111.09
100	5	3.52	0.07	3.45	3.63	13.57	0.38	13.37	14.25	105.56	2.94	103.81	110.78
126	3	3.52	0.07	3.46	3.59	13.44	0.10	13.34	13.54	104.49	0.89	103.50	105.22
150	2	3.48	0.36	3.43	3.52	13.42	0.12	13.34	13.50	104.20	1.08	103.43	104.96
176	2	3.41	0.33	3.40	3.43	13.32	0.12	13.23	13.41	103.25	1.04	102.51	103.99

13

## CRUISE 9

DEPTH (M)	NO. STATIONS	TEMPERATURE (C)				DISSOLVED OXYGEN (MG/L)				PERCENT SATURATION			
		AVE	SD	MIN	MAX	AVE	SD	MIN	MAX	AVE	SD	MIN	MAX
6	13	8.46	2.59	5.13	14.02	13.64	1.23	11.22	15.10	119.88	7.65	107.17	131.65
8	13	7.98	2.42	4.49	13.65	13.86	0.90	11.57	14.88	119.54	5.13	111.91	127.58
10	13	7.28	2.28	4.32	12.29	13.81	0.92	11.45	14.72	117.41	4.48	110.53	124.54
12	13	6.58	1.86	4.21	10.47	13.73	0.93	11.22	14.63	115.26	4.71	103.83	121.83
14	13	6.22	1.44	4.14	8.79	13.68	0.82	11.65	14.55	113.93	4.40	103.60	118.36
16	13	5.98	1.18	4.08	8.08	13.67	0.67	12.28	14.65	113.19	3.71	105.85	119.35
18	13	5.75	0.96	4.04	7.62	13.71	0.54	12.57	14.59	112.93	3.15	108.32	118.62
20	13	5.51	0.82	3.99	7.13	13.74	0.45	12.76	14.45	112.45	3.09	109.29	117.42
22	13	5.33	0.75	3.98	6.78	13.70	0.39	13.09	14.36	111.67	3.11	106.66	117.68
24	13	5.19	0.69	3.94	6.43	13.74	0.30	13.38	14.39	111.62	2.90	107.58	117.79
26	13	5.07	0.67	3.92	6.16	13.74	0.31	13.27	14.45	111.24	2.82	107.66	117.29
28	13	4.99	0.64	3.87	5.92	13.75	0.28	13.22	14.39	111.07	2.57	107.26	116.90
30	13	4.95	0.62	3.87	5.71	13.73	0.26	13.30	14.28	110.47	2.25	107.18	115.58
32	13	4.75	0.57	3.67	5.53	13.72	0.23	13.48	14.17	110.12	1.82	107.92	114.62
34	13	4.63	0.57	3.67	5.42	13.73	0.22	13.48	14.12	109.86	1.65	108.06	114.08
36	13	4.59	0.53	3.67	5.28	13.73	0.23	13.52	14.11	109.69	1.50	107.68	112.99
38	13	4.47	0.50	3.68	5.18	13.74	0.22	13.49	14.08	109.49	1.25	107.88	112.16
40	13	4.39	0.48	3.69	5.12	13.76	0.21	13.51	14.10	109.42	1.11	107.77	111.56
50	13	4.16	0.38	3.66	4.84	13.82	0.22	13.57	14.22	109.25	1.15	107.82	111.35
60	13	4.01	0.28	3.68	4.56	13.65	0.19	13.62	14.22	109.07	1.18	107.45	111.35
76	13	3.83	0.17	3.68	4.22	13.77	0.25	13.59	14.20	107.91	1.68	105.50	111.07
100	8	3.72	0.12	3.57	3.96	13.84	0.32	13.20	14.18	108.20	2.57	102.78	110.75
126	3	3.75	0.13	3.62	3.87	13.76	0.14	13.62	13.89	107.63	0.71	106.88	108.35
150	3	3.69	0.10	3.58	3.79	13.76	0.17	13.60	13.94	107.42	1.25	106.50	108.84
176	2	3.64	0.05	3.60	3.67	13.69	0.03	13.66	13.71	106.73	0.11	106.66	106.81
200	1	3.58				13.61				105.97			

CRUISE 10

DEPTH (M) STATIONS	TEMPERATURE (C)			DISSOLVED OXYGEN (MG/L)			PERCENT SATURATION		
	AVE	MIN	MAX	AVE	MIN	MAX	AVE	MIN	MAX
5	17.05	16.99	17.10	10.26	9.92	10.60	95.80	95.01	96.59
10	17.16	17.08	17.24	10.22	9.99	10.45	95.80	95.01	96.59
14	17.15	17.08	17.22	10.22	9.99	10.45	95.80	95.01	96.59
16	17.14	17.07	17.21	10.21	9.98	10.44	95.80	95.01	96.59
18	17.13	17.06	17.20	10.20	9.97	10.43	95.80	95.01	96.59
22	17.12	17.05	17.19	10.19	9.96	10.42	95.80	95.01	96.59
24	17.11	17.04	17.18	10.18	9.95	10.41	95.80	95.01	96.59
26	17.10	17.03	17.17	10.17	9.94	10.40	95.80	95.01	96.59
28	17.09	17.02	17.16	10.16	9.93	10.39	95.80	95.01	96.59
30	17.08	17.01	17.15	10.15	9.92	10.38	95.80	95.01	96.59
32	17.07	17.00	17.14	10.14	9.91	10.37	95.80	95.01	96.59
34	17.06	16.99	17.13	10.13	9.90	10.36	95.80	95.01	96.59
36	17.05	16.98	17.12	10.12	9.89	10.35	95.80	95.01	96.59
38	17.04	16.97	17.11	10.11	9.88	10.34	95.80	95.01	96.59
40	17.03	16.96	17.10	10.10	9.87	10.33	95.80	95.01	96.59
42	17.02	16.95	17.09	10.09	9.86	10.32	95.80	95.01	96.59
44	17.01	16.94	17.08	10.08	9.85	10.31	95.80	95.01	96.59
46	17.00	16.93	17.07	10.07	9.84	10.30	95.80	95.01	96.59
48	16.99	16.92	17.06	10.06	9.83	10.29	95.80	95.01	96.59
50	16.98	16.91	17.05	10.05	9.82	10.28	95.80	95.01	96.59
52	16.97	16.90	17.04	10.04	9.81	10.27	95.80	95.01	96.59
54	16.96	16.89	17.03	10.03	9.80	10.26	95.80	95.01	96.59
56	16.95	16.88	17.02	10.02	9.79	10.25	95.80	95.01	96.59
58	16.94	16.87	17.01	10.01	9.78	10.24	95.80	95.01	96.59
60	16.93	16.86	17.00	10.00	9.77	10.23	95.80	95.01	96.59
62	16.92	16.85	16.99	9.99	9.76	10.22	95.80	95.01	96.59
64	16.91	16.84	16.98	9.98	9.75	10.21	95.80	95.01	96.59
66	16.90	16.83	16.97	9.97	9.74	10.20	95.80	95.01	96.59
68	16.89	16.82	16.96	9.96	9.73	10.19	95.80	95.01	96.59
70	16.88	16.81	16.95	9.95	9.72	10.18	95.80	95.01	96.59
72	16.87	16.80	16.94	9.94	9.71	10.17	95.80	95.01	96.59
74	16.86	16.79	16.93	9.93	9.70	10.16	95.80	95.01	96.59
76	16.85	16.78	16.92	9.92	9.69	10.15	95.80	95.01	96.59
78	16.84	16.77	16.91	9.91	9.68	10.14	95.80	95.01	96.59
80	16.83	16.76	16.90	9.90	9.67	10.13	95.80	95.01	96.59
82	16.82	16.75	16.89	9.89	9.66	10.12	95.80	95.01	96.59
84	16.81	16.74	16.88	9.88	9.65	10.11	95.80	95.01	96.59
86	16.80	16.73	16.87	9.87	9.64	10.10	95.80	95.01	96.59
88	16.79	16.72	16.86	9.86	9.63	10.09	95.80	95.01	96.59
90	16.78	16.71	16.85	9.85	9.62	10.08	95.80	95.01	96.59
92	16.77	16.70	16.84	9.84	9.61	10.07	95.80	95.01	96.59
94	16.76	16.69	16.83	9.83	9.60	10.06	95.80	95.01	96.59
96	16.75	16.68	16.82	9.82	9.59	10.05	95.80	95.01	96.59
98	16.74	16.67	16.81	9.81	9.58	10.04	95.80	95.01	96.59
100	16.73	16.66	16.80	9.80	9.57	10.03	95.80	95.01	96.59
102	16.72	16.65	16.79	9.79	9.56	10.02	95.80	95.01	96.59
104	16.71	16.64	16.78	9.78	9.55	10.01	95.80	95.01	96.59
106	16.70	16.63	16.77	9.77	9.54	10.00	95.80	95.01	96.59
108	16.69	16.62	16.76	9.76	9.53	9.99	95.80	95.01	96.59
110	16.68	16.61	16.75	9.75	9.52	9.98	95.80	95.01	96.59
112	16.67	16.60	16.74	9.74	9.51	9.97	95.80	95.01	96.59
114	16.66	16.59	16.73	9.73	9.50	9.96	95.80	95.01	96.59
116	16.65	16.58	16.72	9.72	9.49	9.95	95.80	95.01	96.59
118	16.64	16.57	16.71	9.71	9.48	9.94	95.80	95.01	96.59
120	16.63	16.56	16.70	9.70	9.47	9.93	95.80	95.01	96.59
122	16.62	16.55	16.69	9.69	9.46	9.92	95.80	95.01	96.59
124	16.61	16.54	16.68	9.68	9.45	9.91	95.80	95.01	96.59
126	16.60	16.53	16.67	9.67	9.44	9.90	95.80	95.01	96.59
128	16.59	16.52	16.66	9.66	9.43	9.89	95.80	95.01	96.59
130	16.58	16.51	16.65	9.65	9.42	9.88	95.80	95.01	96.59
132	16.57	16.50	16.64	9.64	9.41	9.87	95.80	95.01	96.59
134	16.56	16.49	16.63	9.63	9.40	9.86	95.80	95.01	96.59
136	16.55	16.48	16.62	9.62	9.39	9.85	95.80	95.01	96.59
138	16.54	16.47	16.61	9.61	9.38	9.84	95.80	95.01	96.59
140	16.53	16.46	16.60	9.60	9.37	9.83	95.80	95.01	96.59
142	16.52	16.45	16.59	9.59	9.36	9.82	95.80	95.01	96.59
144	16.51	16.44	16.58	9.58	9.35	9.81	95.80	95.01	96.59
146	16.50	16.43	16.57	9.57	9.34	9.80	95.80	95.01	96.59
148	16.49	16.42	16.56	9.56	9.33	9.79	95.80	95.01	96.59
150	16.48	16.41	16.55	9.55	9.32	9.78	95.80	95.01	96.59
152	16.47	16.40	16.54	9.54	9.31	9.77	95.80	95.01	96.59
154	16.46	16.39	16.53	9.53	9.30	9.76	95.80	95.01	96.59
156	16.45	16.38	16.52	9.52	9.29	9.75	95.80	95.01	96.59
158	16.44	16.37	16.51	9.51	9.28	9.74	95.80	95.01	96.59
160	16.43	16.36	16.50	9.50	9.27	9.73	95.80	95.01	96.59
162	16.42	16.35	16.49	9.49	9.26	9.72	95.80	95.01	96.59
164	16.41	16.34	16.48	9.48	9.25	9.71	95.80	95.01	96.59
166	16.40	16.33	16.47	9.47	9.24	9.70	95.80	95.01	96.59
168	16.39	16.32	16.46	9.46	9.23	9.69	95.80	95.01	96.59
170	16.38	16.31	16.45	9.45	9.22	9.68	95.80	95.01	96.59
172	16.37	16.30	16.44	9.44	9.21	9.67	95.80	95.01	96.59
174	16.36	16.29	16.43	9.43	9.20	9.66	95.80	95.01	96.59
176	16.35	16.28	16.42	9.42	9.19	9.65	95.80	95.01	96.59
178	16.34	16.27	16.41	9.41	9.18	9.64	95.80	95.01	96.59
180	16.33	16.26	16.40	9.40	9.17	9.63	95.80	95.01	96.59
182	16.32	16.25	16.39	9.39	9.16	9.62	95.80	95.01	96.59
184	16.31	16.24	16.38	9.38	9.15	9.61	95.80	95.01	96.59
186	16.30	16.23	16.37	9.37	9.14	9.60	95.80	95.01	96.59
188	16.29	16.22	16.36	9.36	9.13	9.59	95.80	95.01	96.59
190	16.28	16.21	16.35	9.35	9.12	9.58	95.80	95.01	96.59
192	16.27	16.20	16.34	9.34	9.11	9.57	95.80	95.01	96.59
194	16.26	16.19	16.33	9.33	9.10	9.56	95.80	95.01	96.59
196	16.25	16.18	16.32	9.32	9.09	9.55	95.80	95.01	96.59
198	16.24	16.17	16.31	9.31	9.08	9.54	95.80	95.01	96.59
200	16.23	16.16	16.30	9.30	9.07	9.53	95.80	95.01	96.59
202	16.22	16.15	16.29	9.29	9.06	9.52	95.80	95.01	96.59
204	16.21	16.14	16.28	9.28	9.05	9.51	95.80	95.01	96.59
206	16.20	16.13	16.27	9.27	9.04	9.50	95.80	95.01	96.59
208	16.19	16.12	16.26	9.26	9.03	9.49	95.80	95.01	96.59
210	16.18	16.11	16.25	9.25	9.02	9.48	95.80	95.01	96.59
212	16.17	16.10	16.24	9.24	9.01	9.47	95.80	95.01	96.59
214	16.16	16.09	16.23	9.23	9.00	9.46	95.80	95.01	96.59
216	16.15	16.08	16.22	9.22	8.99	9.45	95.80	95.01	96.59
218	16.14	16.07	16.21	9.21	8.98	9.44	95.80	95.01	96.59
220	16.13	16.06	16.20	9.20	8.97	9.43	95.80	95.01	96.59
222	16.12	16.05	16.19	9.19	8.96	9.42	95.80	95.01	96.59
224	16.11	16.04	16.18	9.18	8.95	9.41	95.80	95.01	96.59
226	16.10	16.03	16.17	9.17	8.94	9.40	95.80	95.01	96.59
228	16.09	16.02	16.16	9.16	8.93	9.39	95.80	95.01	96.59
230	16.08	16.01	16.15	9.15	8.92	9.38	95.80	95.01	96.59
232	16.07	16.00	16.14	9.14	8.91	9.37	95.80	95.01	96.59
234	16.06	15.99	16.13	9.13	8.90	9.36	95.80	95.01	96.59
236	16.05	15.98	16.12	9.12	8.89	9.35	95.80	95.01	96.59
238	16.04	15.97	16.11	9.11	8.88	9.34	95.80	95.01	96.59
240	16.03	15.96	16.10	9.10	8.87	9.33	95.80	95.01	96.59
242	16.02	15.95	16.09	9.09	8.86	9.32	95.80	95.01	96.59
244	16.01	15.94	16.08	9.08	8.85	9.31	95.80	95.01	96.59
246	16.00	15.93	16.07	9.07	8.84	9.30	95.80	95.01	96.59
248	15.99	15.92	16.06	9.06	8.83	9.29	95.80	95.01	96.59
250	15.98	15.91	16.05	9.05	8.82	9.28	95.80	95.01	96.59
252	15.97	15.90	16.04	9.04	8.81	9.27	95.80	95.01	96.59
254	15.96	15.89	16.03	9.03	8.80				

CRUISE 16

DEPTH (M)	NO. STATIONS	TEMPERATURE (C)				DISSOLVED OXYGEN (MG/L)				PERCENT SATURATION			
		AVE	SD	MIN	MAX	AVE	SD	MIN	MAX	AVE	SD	MIN	MAX
6	49	18.15	1.70	11.52	20.44	9.47	.88	8.38	12.87	103.17	7.60	93.33	135.01
8	49	17.95	1.93	10.87	20.29	9.45	.89	8.38	12.67	102.47	7.83	89.53	139.42
10	49	17.62	2.40	9.96	20.09	9.46	.96	8.39	13.28	101.92	8.10	89.57	144.94
12	49	17.24	2.88	6.96	19.91	9.42	.87	8.43	12.31	100.59	5.99	91.53	127.90
14	49	16.76	3.10	6.22	19.72	9.40	.82	8.34	12.19	99.32	4.03	92.49	108.04
16	47	16.20	3.32	5.67	19.66	9.43	.84	8.13	12.35	98.45	4.40	88.99	112.12
18	46	15.37	3.55	5.07	19.34	9.52	1.00	8.08	12.35	97.48	4.48	87.46	108.02
20	45	14.36	3.67	4.88	19.25	9.61	1.06	7.91	12.22	96.35	5.27	87.66	111.14
22	43	12.96	3.31	4.64	18.95	9.82	1.11	7.01	12.26	95.44	7.29	72.81	114.41
24	42	12.97	3.34	4.53	18.63	9.99	1.11	6.70	12.29	95.01	9.09	67.12	116.68
26	42	10.97	2.97	4.46	17.84	9.99	1.11	6.89	12.35	94.57	10.21	63.33	119.41
28	40	9.54	2.60	4.44	16.71	10.58	1.31	7.14	12.40	95.39	9.74	66.25	120.59
30	37	8.29	1.10	4.43	12.96	10.99	1.18	7.18	12.48	96.24	9.23	65.22	120.86
32	37	7.58	1.97	4.41	12.91	11.20	1.19	7.35	12.57	96.45	9.42	66.27	121.37
34	36	7.03	1.86	4.34	12.75	11.48	.99	8.09	12.62	97.61	8.18	72.35	121.46
36	36	6.63	1.76	4.28	12.43	11.62	.93	8.63	12.79	97.81	7.87	75.64	120.98
38	36	6.33	1.71	4.26	12.21	11.73	.92	8.82	13.15	98.08	8.88	76.60	121.65
40	36	6.13	1.69	4.28	12.19	11.80	.93	8.81	13.18	98.09	8.36	75.96	123.25
50	30	5.45	1.75	4.17	11.86	12.31	.48	11.05	12.97	100.70	6.09	70.65	122.29
60	27	5.17	1.87	4.08	11.71	12.56	.39	11.24	12.12	101.96	6.12	93.23	122.71
76	23	4.93	1.87	4.01	11.45	12.71	.40	11.19	12.20	101.96	6.37	88.92	120.52
100	20	4.45	1.22	4.01	5.53	12.80	.40	12.10	13.41	102.60	6.37	95.15	111.63
126	12	4.27	.47	3.99	5.56	12.83	.46	12.62	13.27	101.96	3.25	95.15	111.63
150	9	4.18	.26	3.92	4.78	12.83	.38	12.17	13.32	102.54	1.76	100.17	105.60
176	2	4.00	.03	3.98	4.02	12.83	.03	12.86	12.90	101.29	3.05	95.88	104.65
										101.42	.12	101.33	101.50

15

CRUISE 19

DEPTH (M)	NO. STATIONS	TEMPERATURE (C)				DISSOLVED OXYGEN (MG/L)				PERCENT SATURATION			
		AVE	SD	MIN	MAX	AVE	SD	MIN	MAX	AVE	SD	MIN	MAX
6	29	19.15	2.76	9.23	20.91	8.57	.34	7.75	9.25	95.36	6.25	78.38	104.36
8	29	18.84	2.99	9.23	20.88	8.41	.36	7.68	9.20	93.03	7.52	73.76	103.55
10	29	18.46	3.17	8.95	20.85	8.30	.50	7.32	9.53	91.22	8.35	67.88	99.81
12	29	17.80	3.53	8.79	20.82	8.26	.59	6.98	10.02	89.55	8.87	64.54	100.16
14	29	16.50	3.94	7.97	20.76	8.22	.67	6.44	10.31	86.70	9.25	65.39	98.81
16	27	15.22	4.25	7.59	20.50	8.21	.67	6.24	10.74	84.04	9.34	65.59	98.22
18	27	13.52	3.83	6.59	20.31	8.29	1.23	5.46	11.14	81.31	9.74	55.66	98.80
20	27	11.95	3.96	6.18	19.03	8.64	1.33	5.96	11.27	81.09	9.69	62.00	93.90
22	27	10.61	2.46	5.86	16.28	9.03	1.39	6.17	11.39	82.21	10.24	62.16	94.06
24	25	8.97	2.05	5.44	14.02	9.56	1.29	6.66	11.48	84.97	9.29	63.86	94.08
26	25	8.08	1.76	5.29	13.51	9.93	1.29	7.02	11.95	86.49	9.37	62.18	97.27
28	23	7.13	1.18	4.98	9.67	10.43	1.07	8.23	12.19	88.87	7.77	70.58	98.63
30	22	6.61	1.13	4.80	9.47	10.80	.96	8.66	12.23	90.80	6.80	75.77	99.59
32	21	6.55	1.15	4.73	9.26	11.01	.95	8.84	12.28	91.72	6.69	77.24	100.11
34	19	5.93	1.05	4.65	9.04	11.32	.81	9.35	12.50	93.62	5.50	78.52	101.03
36	19	5.69	1.03	4.56	8.82	11.47	.81	9.37	12.54	94.25	5.71	78.60	100.48
38	19	5.50	1.04	4.40	8.69	11.57	.84	9.38	12.43	94.62	5.90	76.86	100.48
40	19	5.34	1.06	4.29	8.72	11.68	.84	9.19	12.59	95.16	6.12	76.86	101.07
50	15	4.74	1.16	3.83	8.41	12.32	.85	11.35	12.82	98.83	2.72	89.37	101.92
60	14	4.21	.52	3.80	5.80	12.57	.44	11.20	12.92	99.53	1.43	97.57	105.51
76	14	4.04	.51	3.79	5.65	12.67	.55	11.20	13.14	99.85	4.69	88.48	105.51
100	10	3.94	.54	3.72	5.47	12.84	.29	12.25	13.10	100.93	2.80	95.79	105.52
126	7	3.97	.68	3.68	5.51	12.70	.29	12.29	13.20	99.90	3.06	96.02	104.32
150	5	3.86	.32	3.68	4.43	12.40	.60	11.60	13.14	97.23	4.93	90.69	102.69
176	4	4.03	.46	3.71	4.36	11.92	.98	11.22	12.61	93.96	8.87	87.69	100.23
200	1	4.85				12.20				98.24			

## CRUISE 20

DEPTH (M)	NO. STATIONS	TEMPERATURE (C)				DISSOLVED OXYGEN (MG/L)				PERCENT SATURATION			
		AVE	SD	MIN	MAX	AVE	SD	MIN	MAX	AVE	SD	MIN	MAX
6	57	19.61	1.51	14.52	20.78	8.82	.37	8.10	9.78	99.00	4.55	85.35	111.64
8	57	19.40	1.84	12.98	20.77	8.82	.36	8.00	9.80	97.81	5.54	80.06	111.38
10	57	18.98	2.27	12.03	20.64	8.71	.36	7.79	9.72	96.56	5.54	78.11	109.58
12	57	18.27	3.14	10.64	20.64	8.57	.34	7.43	9.49	94.30	6.33	76.83	102.41
14	55	17.09	3.69	7.71	20.59	8.67	.45	7.23	10.20	91.45	7.33	73.34	100.80
16	55	15.64	4.28	6.88	20.59	8.78	.60	7.37	10.86	89.64	7.05	73.32	100.81
18	50	14.22	4.51	6.15	20.42	8.94	.84	7.07	11.07	87.84	6.47	73.86	99.41
20	47	12.53	4.28	5.72	20.34	8.94	.84	6.42	11.29	86.02	6.91	64.06	97.98
22	45	10.96	3.33	5.38	20.22	9.20	1.15	6.51	11.35	85.37	8.06	63.03	95.00
24	42	9.69	2.91	4.89	19.50	10.41	1.48	5.53	11.48	87.38	8.58	54.44	96.77
26	41	8.33	2.39	4.64	17.83	10.68	1.25	5.53	11.87	88.24	8.92	53.22	97.42
28	38	7.77	1.75	4.44	14.94	11.77	1.26	7.41	12.12	89.84	8.92	69.08	98.75
30	38	7.07	1.11	4.25	11.75	11.01	1.05	7.66	12.54	90.64	8.92	67.19	99.59
32	37	6.66	1.11	4.25	9.92	11.30	.98	7.82	12.73	93.62	6.66	69.11	100.74
34	35	6.05	1.11	4.44	9.92	11.30	.98	8.07	12.73	94.64	6.66	70.48	102.29
36	33	5.75	1.11	4.44	9.92	11.30	.98	8.07	12.73	95.15	6.66	71.71	102.14
38	32	5.45	1.11	4.44	9.92	11.30	.98	8.07	12.73	95.83	6.66	73.41	102.47
40	32	5.22	1.11	4.44	9.92	11.30	.98	8.07	12.73	95.83	6.66	73.41	102.47
42	29	4.44	1.11	4.44	9.92	11.30	.98	8.07	12.73	98.05	3.33	86.66	105.54
44	27	4.17	1.11	4.44	9.92	11.30	.98	8.07	12.73	99.18	3.33	90.29	106.48
46	22	3.97	1.11	4.44	9.92	11.30	.98	8.07	12.73	100.15	3.33	95.74	107.87
50	17	3.84	1.11	4.44	9.92	11.30	.98	8.07	12.73	100.38	3.33	96.74	108.33
100	11	3.84	1.11	4.44	9.92	11.30	.98	8.07	12.73	101.05	2.22	97.41	103.65
126	11	3.78	1.11	4.44	9.92	11.30	.98	8.07	12.73	100.52	2.22	95.77	103.62
150	8	3.74	1.11	4.44	9.92	11.30	.98	8.07	12.73	101.05	2.22	97.41	103.65
176	3	3.74	1.11	4.44	9.92	11.30	.98	8.07	12.73	96.82	6.82	89.22	102.47

## CRUISE 21

DEPTH (M)	NO. STATIONS	TEMPERATURE (C)				DISSOLVED OXYGEN (MG/L)				PERCENT SATURATION			
		AVE	SD	MIN	MAX	AVE	SD	MIN	MAX	AVE	SD	MIN	MAX
6	54	18.47	1.64	15.77	19.30	9.00	.31	8.26	10.02	98.83	2.95	91.78	106.59
8	54	18.44	1.68	15.75	19.30	8.97	.30	8.30	10.14	98.43	2.90	92.20	105.48
10	54	18.44	1.83	14.85	19.31	8.95	.29	8.32	10.00	98.10	3.21	85.31	104.44
12	54	18.24	2.14	12.02	19.30	8.86	.29	8.11	9.78	97.74	3.38	78.86	104.25
14	51	17.77	2.70	11.14	19.30	8.90	.30	8.16	9.65	95.38	4.66	77.73	102.17
16	46	17.73	2.70	10.81	19.31	8.91	.38	8.05	10.32	94.44	4.66	78.28	105.02
18	46	15.73	3.46	7.74	19.31	8.92	.44	8.40	10.85	94.44	5.70	77.79	101.73
20	46	14.73	3.46	6.66	19.31	8.98	.56	7.82	11.19	93.10	6.66	78.79	101.73
24	44	14.62	3.44	6.22	18.98	9.09	.77	6.84	11.84	91.79	6.66	71.13	99.23
26	44	12.55	3.44	5.55	18.98	9.28	.97	7.23	12.27	90.14	6.85	74.34	98.85
28	42	11.44	3.44	4.86	18.98	9.52	1.21	6.38	12.77	88.72	6.85	60.40	98.85
30	42	11.44	3.44	4.86	18.98	9.52	1.21	6.38	12.77	88.72	6.85	60.40	98.85
32	40	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	88.38	8.08	59.10	100.23
34	37	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	90.08	7.40	69.54	101.02
36	37	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	92.16	7.24	66.85	102.74
38	37	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	92.91	7.58	65.00	102.92
40	37	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	93.27	8.31	63.50	102.74
42	37	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	95.15	7.08	71.29	103.32
44	35	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	95.56	7.14	70.89	104.32
46	35	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	99.21	4.33	83.89	104.68
50	26	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	100.85	2.73	92.42	105.13
76	18	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	100.93	4.00	89.13	105.21
100	11	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	102.30	3.09	93.88	105.69
126	11	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	103.54	2.86	97.30	106.54
150	9	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	102.58	3.12	97.56	106.09
176	1	8.50	3.33	4.39	18.98	9.90	1.39	6.57	12.55	104.28	3.12	97.56	106.09

## CRUISE 22

DEPTH (M)	NO. STATIONS	TEMPERATURE (C)				DISSOLVED OXYGEN (MG/L)				PERCENT SATURATION			
		AVE	SD	MIN	MAX	AVE	SD	MIN	MAX	AVE	SD	MIN	MAX
6	47	17.49	.42	16.13	18.26	9.11	.31	8.55	9.86	98.13	3.15	91.74	107.86
8	47	17.38	.65	14.71	18.23	9.04	.26	8.53	9.86	97.17	2.42	91.95	104.51
10	47	17.24	1.01	12.62	18.12	9.00	.26		9.86	97.56	2.25	92.19	101.51
14	47	17.06	1.11	10.42	17.96	8.96	.32		9.86	96.45	2.25	90.45	101.51
16	47	16.77	1.33	8.40	17.94	8.92	.41	8.55	9.86	95.60	2.39	85.50	101.51
18	44	16.15	2.22	7.20	17.78	8.92	.41	8.55	9.86	94.55	2.29	83.31	98.51
20	44	15.29	3.33	6.72	17.77	8.98	.44	8.55	9.86	93.39	2.99	80.03	98.51
22	42	13.84	3.33	5.31	17.69	9.10	.58	8.55	9.86	92.19	3.32	83.33	97.11
26	40	12.33	3.33	5.02	17.66	9.10	.78	8.55	9.86	90.39	3.80	80.03	95.54
28	40	10.57	3.96	4.46	17.61	9.28	.95	7.77	9.86	88.93	3.51	80.45	97.44
30	38	9.33	3.96	4.52	17.20	9.62	1.14	7.50	9.86	88.42	4.23	76.86	98.51
32	36	8.15	3.95	4.34	15.54	9.93	1.32	6.20	9.86	88.61	6.63	65.69	98.51
34	34	7.03	3.95	4.27	13.47	10.18	1.59	6.74	9.86	88.41	8.82	56.69	98.51
36	32	6.03	3.99	4.19	11.37	10.96	1.55	7.77	9.86	89.78	8.28	61.91	99.51
38	31	5.03	3.33	4.07	10.37	11.19	1.15	7.43	9.86	91.49	8.15	70.03	99.51
40	33	4.98	3.33	4.19	9.29	11.43	1.17	7.80	9.86	92.41	7.70	70.21	101.51
50	31	4.03	3.33	4.92	7.78	11.60	1.15	7.72	9.86	93.59	7.50	69.44	100.51
76	30	3.03	3.33	4.80	6.93	11.74	1.05	8.51	9.86	94.32	7.11	71.23	100.51
100	28	2.03	3.33	4.70	5.27	12.4	.93	10.94	9.86	94.32	6.41	72.25	100.51
126	27	1.03	3.33	4.71	4.63	12.56	.86	11.46	9.86	97.09	5.41	87.49	102.18
150	18	0.03	3.33	4.60	4.09	12.74	.43	11.29	9.86	98.93	3.43	90.64	102.71
176	4	0.03	3.33	4.60	3.82	12.83	.39	11.29	9.86	99.82	3.35	88.76	102.64
		0.04	3.33	4.60	3.71	13.0	.39	12.43	9.86	100.20	3.13	93.32	103.10
		0.03	3.33	4.54	3.60	13.08	.19	12.75	9.86	101.96	1.48	97.86	103.10
		0.03	3.33	4.59	3.60	13.08	.17	11.53	9.86	101.42	1.31	99.31	103.10
		0.01	3.33	4.59	3.61	12.53	.76		9.86	96.06	5.93	89.89	102.44

## CRUISE 24

DEPTH (M)	NO. STATIONS	TEMPERATURE (C)				DISSOLVED OXYGEN (MG/L)				PERCENT SATURATION			
		AVE	SD	MIN	MAX	AVE	SD	MIN	MAX	AVE	SD	MIN	MAX
3	5	12.92	.83	9.81	14.25	10.11	.27	9.70	10.73	98.88	1.51	95.77	102.34
5	5	12.92	.86	9.54	14.20	10.12	.27	9.70	10.79	98.93	1.50	95.77	102.34
10	5	12.87	.94	8.90	14.20	10.11	.28	9.67	10.79	98.82	1.55	95.76	102.51
12	5	12.81	1.11	7.59	14.20	10.11	.27	9.71	10.81	98.69	1.63	94.62	102.40
14	5	12.75	1.26	6.47	14.20	10.11	.29	9.71	10.96	98.50	1.85	92.38	102.16
16	5	12.70	1.39	5.87	14.19	10.11	.30	9.62	11.02	98.40	1.91	91.60	101.82
18	5	12.60	1.45	5.66	14.18	10.12	.30	9.67	11.07	98.31	1.97	90.99	101.68
20	5	12.56	1.49	5.59	14.13	10.12	.31	9.61	11.06	98.18	2.01	90.75	101.70
22	5	12.47	1.55	5.54	14.10	10.12	.31	9.63	11.19	97.98	1.95	91.63	101.52
24	5	12.31	1.69	5.51	14.02	10.12	.35	9.61	11.11	97.60	2.45	90.31	101.36
26	5	12.15	1.86	5.50	13.90	10.12	.37	9.62	11.07	97.41	2.61	89.36	101.37
28	5	12.07	1.97	5.50	13.79	10.12	.41	9.66	11.20	96.92	3.18	86.58	101.25
30	5	11.87	2.08	5.50	13.79	10.12	.47	9.67	11.52	96.78	3.31	86.41	101.40
32	5	11.77	2.22	5.50	13.55	10.12	.62	9.63	11.94	97.32	2.20	90.50	101.16
34	5	11.68	2.34	5.50	13.55	10.12	.74	9.56	12.14	97.18	2.28	91.33	101.04
36	5	11.59	2.44	5.50	13.55	10.12	.81	9.37	12.39	96.78	2.86	90.16	101.13
38	5	11.50	2.55	5.50	13.55	10.12	.89	9.35	12.52	96.50	3.14	89.79	101.10
40	5	11.41	2.68	5.50	13.55	10.12	.95	9.40	12.52	96.41	3.50	88.32	101.83
44	5	11.32	2.82	5.50	12.81	11.48	1.12	9.73	12.94	97.12	3.22	88.02	101.82
48	5	11.23	3.04	5.50	12.52	11.33	1.13	9.93	13.15	97.64	3.97	89.76	102.33
52	5	11.14	3.17	5.50	12.23	11.15	1.13	10.92	13.15	97.87	4.85	88.91	102.41
56	5	11.05	3.33	5.50	11.94	10.97	.67	11.20	13.21	97.93	5.02	87.71	102.90
60	5	10.96	3.52	5.50	11.65	10.80	.21	12.48	13.11	100.48	1.62	97.09	102.03
64	5	10.87	3.70	5.50	11.36	10.63	.62	11.60	13.04	96.71	4.77	90.16	101.32
68	5	10.78	3.88	5.50	11.07	10.46	.62	12.10	12.98	97.45	4.83	94.03	100.86



Appendix B. TEMPERATURE, DISSOLVED OXYGEN, AND PERCENT SATURATION DATA  
FOR ALL AVAILABLE CRUISE AND STATION COMBINATIONS



STATION 1 CRUISE 14  
 JULIAN DAY 213.25 ( 7/31/72 5:24)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	15.92	13.68	140.2
8	11.73	13.27	131.2
10	8.73	13.70	122.2
12	7.83	13.33	115.2
14	7.41	12.94	111.2
16	7.07	12.75	108.6
18	6.2	12.62	106.9
20	6.63	12.55	105.7
22	6.30	12.48	104.3
24	5.97	12.47	103.3
26	5.70	12.50	102.8
28	5.59	12.40	101.7
30	5.56	12.31	100.9

STATION 1 CRUISE 27  
 JULIAN DAY 306.30 (11/ 1/72 7:12)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	5.19	11.85	96.3
8	5.19	11.86	96.4
10	5.20	11.83	96.1
12	5.19	11.83	96.1
14	5.19	11.83	96.1
16	5.16	11.84	96.1
18	5.14	11.80	95.8
20	5.11	11.72	95.0
22	5.11	11.72	95.0
24	5.10	11.73	95.0
26	5.09	11.77	95.4
28	5.07	11.73	95.0
30	5.06	11.71	94.8
32	5.05	11.71	94.8
34	5.08	11.72	94.9

STATION 2 CRUISE 14  
 JULIAN DAY 213.19 ( 7/31/72 4:39)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	14.41	11.62	117.5
8		11.10	100.8
10	6.97	11.41	98.5
14	6.38	11.26	95.7
		11.07	92.7

STATION 3 CRUISE 14  
 JULIAN DAY 213.15 ( 7/31/72 3:31)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.47	10.49	121.7
8	19.91	13.35	115.9
10	15.22	10.33	106.4
12	9.37	10.47	94.4
14	6.86	10.86	92.7
16	5.67	11.32	93.1
18	4.94	11.45	92.5
20	4.86	11.64	43.7

STATION 3 CRUISE 27  
 JULIAN DAY 306.21 (11/ 1/72 5: 6)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	5.78	11.23	92.6
8	4.68	11.31	90.5
10	4.28	11.34	89.9
12	4.26	11.76	90.0
14	4.25	11.40	90.4

STATION 5 CRUISE 9  
 JULIAN DAY 178.03 ( 6/26/72 0:47)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	6.59	14.48	121.9
8	6.37	14.31	119.7
10	6.12	14.09	117.2
12	5.91	13.93	115.2
14	5.78	13.89	114.5
16	5.74	13.74	113.1
18	5.71	13.80	113.5
20	5.67	13.63	112.0
22	5.64	13.63	112.0
24	5.61	13.75	112.9
26	5.59	13.09	112.3
28	5.56	13.63	111.7
30	5.46	13.56	110.9
32	5.35	13.58	110.8
34	5.17	13.53	110.6
36	4.92	13.49	109.5
38	4.80	13.52	108.7
40	4.80	13.52	108.7
42	4.23	13.85	108.9
44	3.85	13.51	105.7
46	3.69		105.5

STATION 5 CRUISE 20  
 JULIAN DAY 255.3: ( 9/11/72 7:12)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.24	8.92	99.4
8	18.56	8.80	96.8
10	14.85	8.34	85.1
12	9.64	9.25	83.9
14	7.71	10.20	86.3
16	6.88	10.86	92.0
18	6.15	11.07	92.1
20	5.72	11.29	92.9
22	5.38	11.35	92.6
24	5.10	11.48	93.0
26	4.89	11.47	92.4
28	4.64	11.56	92.6
30	4.44	11.89	94.7
32	4.25	12.00	95.1
34	4.15	12.02	95.0
36	4.07	12.09	95.4
38	4.05	12.10	95.4
40	4.03	12.27	96.7
50	3.92	12.19	95.8
60	3.95	12.17	95.5
76	3.85	11.95	93.7

STATION 5 CRUISE 27  
 JULIAN DAY 306.42 (11/ 1/72 10: 6)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	4.48	11.88	94.7
8	4.47	11.90	94.9
10	4.44	11.91	94.8
12	4.43	11.87	94.5
14	4.43	11.85	94.3
16	4.42	11.84	94.2
18	4.42	11.82	94.1
20	4.41	11.81	93.9
22	4.41	11.85	94.3
24	4.40	11.84	94.2
26	4.40	11.84	94.2
28	4.40	11.82	94.0
30	4.41	11.84	94.2
32	4.40	11.84	94.2
34	4.39	11.85	94.3
36	4.40	11.84	94.2
38	4.40	11.83	94.1
40	4.40	11.80	93.9
50	4.40	11.83	94.1
60	4.40	11.75	93.8
76	4.39	11.84	94.2

STATION 6 CRUISE 8  
 JULIAN DAY 171.51 ( 6/19/72 12:11)

DEPTH (M)	TEMPERATURE (C)	PO (MG/L)	PERCENT SATURATION
6	9.16	15.39	138.1
8	8.85	15.17	135.0
10	8.65	14.66	129.9
12	7.52	14.43	124.4
14	6.74	14.15	119.5
16	6.42	13.99	117.2
18	6.04	13.86	115.1
20	5.82	13.72	113.3
22	5.61	13.85	112.2
24	4.35	14.01	111.3
26	4.00	14.20	111.8
28	3.85	14.09	110.5
30	3.80	14.19	111.2
32	3.76	14.22	111.3
34	3.74	14.28	111.7
36	3.73	14.29	111.7
38	3.72	14.23	111.2
40	3.72	14.22	111.1
50	3.68	14.27	111.4
60	3.64	14.28	111.4
70	3.57	14.27	111.1

STATION 6 CRUISE 9  
 JULIAN DAY 178.06 ( 6/26/72 1:33)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	6.58	15.10	127.1
8	6.24	14.58	121.7
10	6.08	14.36	119.3
12	6.01	14.03	116.3
14	5.98	13.78	114.2
16	5.93	13.57	112.3
18	5.90	13.76	113.7
20	5.85	13.78	113.8
22	5.83	13.67	112.8
24	5.78	13.53	111.6
26	5.72	13.51	111.2
28	5.70	13.67	112.4
30	5.60	13.65	112.0
32	5.53	13.60	111.4
34	5.42	13.59	111.0
36	5.28	13.59	110.6
38	5.18	13.62	110.6
40	5.12	13.63	110.5
50	4.84	13.63	109.7
60	4.37	13.77	109.4
70	3.86	13.56	106.4

STATIC#1 CRUISE 14  
 JULIAN DAY 721.3.27 ( 7/31/72 6:26)

DEPTH (M)	TEMPERATURE (C)	NO (MG/L)	PERCENT SATURATION
6	12.43	14.71	142.5
8	11.01	14.35	134.5
10	10.00	14.29	130.8
12	9.23	13.98	125.6
14	8.57	13.37	118.3
16	8.13	13.24	115.8

STATION 7 CRUISE 20  
 JULIAN DAY 255.26 ( 9/11/72 6: 7)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	16.20	9.53	100.1
8	15.17	9.11	93.6
10	13.96	9.05	90.6
12	12.09	9.18	88.2
14	11.18	9.38	88.2
16	10.48	9.70	89.8
18	9.51	9.81	88.7
20	9.04	5.83	87.9

STATION 7 CRUISE 27  
 JULIAN DAY 306.37 (11/ 1/72 8:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			100.3
8	6.59 6.26	12.13 12.23	101.5
10	6.01	12.34	102.4
12	6.52	12.49	103.5
16	5.92	12.65 12.57	104.6(4.2)

STATION 8 CRUISE 14  
 JULIAN DAY 213.41 ( 7/31/72 9:45)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.19	14.68	135.6
8	9.98	14.42	132.0
10	8.96	14.61	132.5
12	8.67	14.64	129.7
14	8.37	14.60	129.5
16	8.19	14.58	127.7
18	7.86	14.49	125.8
20	7.44	14.40	123.6
22	6.99	14.35	120.9
24	6.56	14.19	118.5
26	6.36	14.05	117.6
28	6.28	13.99	116.8
30	6.08	13.94	115.9
32	5.86	13.02	115.0
34	5.45	13.96	114.1
36	5.25	13.93	113.3
38	5.14	13.92	112.9
40	5.03	13.94	112.8
50	4.92	14.05	113.3

STATION 8 CRUISE 20  
 JULIAN DAY 255.39 ( 9/11/72 9:23)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	15.54	8.89	52.1
8	13.98	8.83	88.4
10	12.32	8.88	85.8
12	10.87	9.89	82.0
14	10.04	9.14	82.8
16	9.77		83.2
18	9.28	9.38	84.3
20	8.58	9.55	84.4
22	7.26	10.04	85.9
24	6.28	10.83	90.5
26	5.96	10.55	90.7
28	5.57	11.14	91.3
30	5.40	11.23	91.7
32	5.17	11.70	91.7
34	4.98	11.79	94.6
36	4.80	11.73	94.8
38	4.68	11.85	95.0
40	4.60	11.87	94.9
50	4.31	12.22	97.0
60	4.14	12.37	97.5

STATION 8 CRUISE 27  
 JULIAN DAY 306.08 (11/ 1/72 2: 0)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	7.45	11.11	95.6
8	7.42	11.11	95.4
10	7.40	11.09	95.3
12	7.40	11.10	95.4
14	7.39	11.06	95.0
16	7.36	11.15	95.7

STATION 1 CRUISE 8  
 JULIAN DAY 171.75 ( 6/19/72 9:16)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	7.44	14.50	124.7
8	6.16	14.49	120.6
10	5.68	14.75	121.2
12	5.06	14.49	117.3
14	4.68	14.31	114.7
16	4.53	14.33	114.3
18	4.44	14.28	113.7
20	4.36	14.34	113.9
22	4.27	14.20	112.6
24	4.23	14.19	112.4
26	4.17	14.16	111.5
28	4.14	14.14	111.8
30	4.12	14.00	110.6
32	4.08	13.98	110.3
34	4.05	14.07	110.9
36	4.07	14.06	110.9
38	4.05	14.08	111.0
40	4.03	14.03	110.6
50	3.94	13.86	109.0
60	3.85	14.12	110.8
76	3.82	14.12	110.1
100	3.82	14.25	110.8

STATION 10 CRUISE 9  
 JULIAN DAY 178.16 ( 6/26/72 3:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.57	13.62	123.4
8		13.88	123.2
10	8.73	14.17	122.2
12	7.54	14.30	120.1
14		14.12	117.5
16	6.18	13.93	115.5
18	5.98	13.78	113.9
20	5.90	13.83	114.1
22	5.82	13.70	113.0
24	5.79	13.77	113.3
26	5.71	13.72	112.8
28	5.68	13.69	112.4
30	5.64	13.67	111.7
32	5.44	13.61	111.2
34	5.44	13.62	110.8
36		13.64	110.7
38	5.16	13.60	110.2
40	5.09	13.57	109.6
42	4.96	13.73	108.9
50	4.29	13.62	107.4
60	4.26	13.78	108.0
76		13.78	108.0
100	3.83	13.73	107.3

STATION 10 CRUISE 14  
 JULIAN DAY 187.71 ( 7/5/72 17:5)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	24.74	10.43	128.0
8	24.24	9.63	117.3
10	23.34	9.20	110.3
12	22.47	9.06	107.1
14	19.50	9.42	105.0
16	18.24	10.73	117.3
18	18.05	10.82	117.9
20	17.87	11.01	119.6

STATION 10 CRUISE 14  
 JULIAN DAY 213.36 ( 7/31/72 8:33)

DEPTH (M)	TEMPERATURE (C)	DC (MG/L)	PERCENT SATURATION
6	16.07		
8	13.35	12.69	132.9
10	11.31	12.84	126.9
12	10.86	13.07	123.1
14	7.56	13.33	118.7
16	7.00	13.49	116.4
18	7.17	13.57	115.9
20	6.87	13.60	115.4
22		13.64	115.0
24	6.48	13.75	115.4
26	6.33	13.85	115.9
28	6.11	13.94	115.9
30	5.94	14.03	115.9
32	5.57	14.09	116.1
34	5.47	14.24	116.7
36	5.39	14.27	116.7
38	5.38	14.30	116.7
40	5.24	14.34	116.8
42		14.35	116.7
44	4.76	14.48	116.3
46	4.48	14.76	117.6
48	4.35	14.96	118.9
50		15.01	119.0



STATION 10 CRUISE 16  
 JULIAN DAY 229.10 ( 8/16/72 2:18)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.52	10.25	101.6
8	13.40	10.29	101.8
10	12.91	10.96	107.2
12	12.68	10.83	105.5
14	12.49	10.91	105.8
16	12.38	11.59	112.1
18	12.15	11.23	108.1
20	11.94	11.21	107.3
22	11.78	11.17	106.5
24	11.62	11.46	108.9
26	11.45	11.50	108.9
28	11.20	11.80	111.1
30	11.13	11.77	110.6
32	11.07	11.71	109.9
34	10.81	11.81	110.2
36	10.97	11.73	109.9
38	11.09	11.94	112.2
40	10.98	12.18	114.1
50	10.39	12.49	115.4
60	10.44	13.12	121.3
76	9.88	13.13	119.9
100	9.53	12.34	111.6

STATION 10 CRUISE 19  
 JULIAN DAY 250.93 ( 9/ 6/72 21:35)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.45	8.79	100.3
8	19.49	8.47	94.8
10	18.49	7.99	87.7
12	16.93	7.91	84.4
14	12.78	8.39	81.9
16	10.11	9.30	84.7
18	8.62	9.83	85.4
20	7.36	13.55	90.6
22	6.85	16.81	91.5
24	6.48	11.12	93.3
26	5.41	11.50	95.2
28	5.45	11.52	94.1
30	5.13	11.90	96.5
32	4.93	12.08	97.5
34	4.81	12.14	97.6
36	4.68	12.16	97.5
38	4.60	12.26	98.0
40	4.49	12.29	98.0
50	4.12	12.54	99.8
60	TRAC		100.2
76	3.89	12.95	101.4
100	3.72	12.40	96.9

STATION 11 CRUISE 20  
 JULIAN DAY 255.34 ( 9/11/72 8:12)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.94	8.93	100.9
8	19.34	8.98	100.2
10	18.54	9.02	99.2
12	17.92	8.47	92.1
14	14.64	8.32	84.6
16	10.48	9.31	86.1
18	6.45	10.21	90.0
20	7.48	10.81	93.0
22	6.82	11.10	94.0
24	6.12	11.46	95.3
26	5.62	11.87	97.4
28	5.31	12.12	98.8
30	5.12	12.28	99.6
32	4.78	12.54	100.7
34	4.63	12.73	101.9
36	4.49	12.83	102.3
38	4.39	12.84	102.1
40	4.28	12.92	102.5
50	3.99	13.19	103.8
60	3.84	13.41	105.1
76	3.77	13.40	104.9
100	3.73	12.90	100.8

STATION 11 CRUISE 21  
 JULIAN DAY 264.04 ( 9/20/72 1:0)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.22	9.52	114.1
8	18.22	9.58	104.7
10	18.18	9.56	104.4
12	18.18	9.54	104.2
14	17.84	9.41	102.1
16	16.77	9.33	93.1
18	13.38	9.26	91.5
20	9.74	9.35	85.1
22	7.74	9.83	85.2
24	6.99	10.82	92.0
26	6.02	11.20	92.9
28	5.45	11.76	96.1
30	5.10	12.12	98.2
32	4.91	12.33	99.4
34	4.70	12.40	99.4
36	4.56	12.59	100.5
38	4.44	12.74	101.4
40	4.27	12.86	102.0
50	3.91	12.95	101.8
60	3.75	13.20	103.3
76	3.67	13.26	103.5

STATION 10 CRUISE 22  
 JULIAN DAY 271.69 ( 9/26/72 16:40)

DEPTH (M)	TEMPERATURE (C)	DO ("G/L)	PERCENT SATURATION
6	16.13	9.47	99.3
8	16.10	9.53	99.9
10	16.06	9.38	98.2
12	16.04	9.30	97.4
14	14.61	8.96	91.0
16	13.84	9.07	89.0
18	10.78	9.30	86.7
20	9.24	9.56	85.9
22	8.15	9.89	86.6
24	6.59	10.30	86.7
26	5.97	10.63	88.1
28	5.60	10.81	88.7
30	5.27	11.93	88.9
32	5.11	11.26	91.3
34	4.98	11.43	92.4
36	4.83	11.72	94.3
38	4.73	12.01	96.4
40	4.46	12.08	96.3
50	3.85	12.97	101.7
60	3.71	13.05	102.0
76	3.63	13.04	101.7
100	3.50	11.98	93.3

STATION 10 CRUISE 24  
 JULIAN DAY 283.92 (10/ 9/72 22:9)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	11.54		99.2
8	11.50	10.46	99.4
10	11.49		99.2
12	11.42	10.47	99.4
14	11.38	10.39	98.7
16	11.31	10.42	98.0
18	11.01	10.75	97.7
20	10.47	10.45	96.7
22	9.70	10.62	96.5
24	8.96	10.83	96.6
26	8.46	11.24	97.4
28	7.95	11.20	97.5
30	7.29	11.47	98.3
32	6.84	11.73	99.4
34	6.46	11.93	100.1
36	6.16	12.03	100.2
38	5.71	12.13	99.8
40	5.29	12.38	100.8
50	3.98	12.94	101.8
60	3.70	13.10	102.3
76	3.58	13.15	102.4
100	3.50	12.23	95.0

STATION 10 CRUISE 27  
 JULIAN DAY 306.14 (11/ 1/72 3:20)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	5.16	11.91	96.6
8	5.17	11.91	96.7
10	5.15	11.90	96.5
12	5.15	11.85	96.2
14	5.11	11.88	96.3
16	5.09	11.95	96.8
18	5.06	11.95	96.7
20	5.06	11.93	96.6
22	5.04	11.90	96.3
24	5.00	11.92	96.4
26	5.00	11.91	96.3
28	5.00	11.90	96.2
30	5.00	11.94	96.6
32	4.98	11.93	96.4
34	4.97	11.92	96.3
36	4.95	11.92	96.2
38	4.89	11.89	95.8
40	4.82	11.86	95.4
50	4.35	11.99	95.2
60	4.12	11.94	94.3
76	3.89	11.95	93.8
100	3.70	11.95	93.4

STATION 10 CRUISE 28  
 JULIAN DAY 313.18 (11/A/72 4:14)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	5.28	11.60	94.4
8	5.30	11.60	94.5
10	5.22	11.62	94.4
12	5.23	11.63	94.5
14	5.21	11.59	94.2
16	5.18	11.56	93.8
18	5.16	11.57	93.9
20	5.16	11.56	93.8
22	5.16	11.56	93.8
24	5.12	11.57	93.8
26	5.11	11.55	93.6
28	5.09	11.51	93.2
30	5.09	11.53	93.4
32	5.10	11.53	93.5
34	5.07	11.51	93.2
36	5.04	11.51	93.3
38	5.01	11.51	93.1
40	5.02	11.49	92.9
50	4.79	11.55	92.9
60	4.64	11.57	92.6
76	4.07	11.56	91.5
100	4.07	11.38	89.7

STATION 12 CRUISE 14  
 JULIAN DAY 213.11 ( 7/31/72 2:32)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	1b.41	11.92	115.2
8	8.97	11.77	105.1
13	5.76	11.97	48.6
12	4.76	12.17	97.7
14	4.45	11.03	95.6
1b	4 .62	11.89	95.2
20	4.62	11.83	94.6
22	4.59	11.62	93.5
			92.9

STATION 12 CRUISE 27  
 JULIAN DAY 326.49 (11/ 1/72 11:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	5.29	11.18	91.0
8	4.87	11.26	90.7
10	4.68	11.27	90.3
12	4.61	11.30	90.4
14	4.57	11.32	90.5
16	4.54	11.34	90.5
18	4.55	11.35	90.6
20	4.55	11.37	90.8

STATION 14 CRUISE 27  
 JULIAN DAY 306.55 (11/ 1/72 13:16)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	5.71	10.86	89.4

STATION 15 CRUISE 9  
 JULIAN DAY 178.42 ( 6/26/72 10:23)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	14.02	11.46	114.9
8	13.95	11.57	113.5
10	12.29	11.45	111.5
12	10.47		103.8
14	8.77	11.22 11.65	153.6
16	7.54	12.28	105.8
18	6.36	12.95	108.3
22	5.23	13.32	108.3
24	4.48	13.38	106.7
26	4.24	13.60	107.6
28	3.94	13.78	108.3
30	3.87	13.86	108.7
32	3.75	13.91	108.8
34	3.69	13.94	108.9
36	3.67	14.00	109.3
38	3.67	14.11	110.1
40	3.68	14.04	109.6
42	3.69	14.01	109.4
44	3.66	14.12	110.1
46	3.68	14.07	109.9
48	3.73	13.96	109.1

STATION 15 CRUISE 14  
 JULIAN DAY 213.03 ( 7/31/72 0:43)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6		10.15	125.9
8	25.43	10.48	129.1
10	24.83	11.76	132.3
12	24.59		131.5
14		16.74	
16	23.65	16.44 10.10	125.8
18	20.46	9.81	100.1
20	14.79	9.66	86.6
22	9.14	10.27	89.0
24	7.25	11.61	99.4
26	6.86	12.12	102.7
28		12.56	105.2
30	5.90	12.82	106.0
32	5.79	12.95	105.7
34	4.50	13.20	106.4
36	4.56	13.41	107.1
38	4.42	13.52	107.7
40		13.73	
42		13.88	109.3
44	4.38	14.24	110.4
46	4.42	14.28	113.1
48			113.6
50			113.6
52			113.6
54			113.6
56			113.6
58			113.6
60			113.6
62			113.6
64			113.6
66			113.6
68			113.6
70			113.6
72			113.6
74			113.6
76			113.6

STATION 1 5 CRUISE 20  
 JULIAN DAY 255.04 ( 9/11/72 0:53)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.75	9.19	105.4
8	20.62	9.23	105.6
10	20.32	8.97	102.3
12	19.67	8.68	97.6
14	15.74	8.62	89.7
16	11.93	9.26	88.5
18	10.66	9.36	87.0
20	9.28	5.84	88.5
22	7.82		
24	6.38	10.34	80.92.6
26	5.97	11.26	93.3
28	5.79	11.29	93.1
30	5.55	11.49	94.2
32	5.32	11.86	98.2.966
34	5.17	12.10	
36	5.08	12.24	99.1
38	4.94	12.32	99.4
40	4.81	12.36	99.4
50	4.13	12.80	101.1
60	3.93	12.97	101.9.2
76	3.81	13.08	102.5

STATION 15 CRUISE 27  
 JULIAN DAY 306.62 (11/ 1/72 14:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	7.52	11.19	96.5
8	7.50	11.17	96.2
10	7.51	11.15	96.0
12	7.53	11.16	96.1
14	7.47	11.19	96.3
16	7.32	11.21	96.1
18	7.22	11.25	96.2
20	7.03	11.28	96.0
22	6.59	11.33	95.3
24	6.11	11.52	95.8
26	5.19	11.82	96.0
28	4.32	11.95	94.9
30	4.22	12.05	95.4
32	4.20	12.12	95.9
34	4.20	12.19	96.4
36	4.20	12.14	96.1
38	4.20	12.14	96.1
40	4.20	12.13	96.0
50	4.20	12.11	95.8
60	4.17	12.05	95.3
76	4.10	11.90	93.9

STATION 19 CRUISE 14  
 JULIAN DAY 213.46 ( 7/31/72 11: 9)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.16	13.16	126.6
8	10.74	13.43	125.0
10	10.01	13.49	123.6
12	9.67	13.35	121.2
14	5.32	13.32	113.9
16	5.84	13.32	118.5
18	8.61	13.28	117.6

STATION 19 CRUISE 20  
 JULIAN DAY 255.45 ( 9/11/72 10:42)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	15.34	9.77	102.1
10	15.93	9.59	100.2
12	13.59	9.72	96.5
14	12.02	0.49	91.1
16	11.60	6.90	84.6

STATION 19 CRUISE 27  
 JULIAN DAY 306.03 (11/ 1/72 0:42)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.88	10.92	97.3
8	8.84	10.92	97.3
10	8.84	10.91	97.1
12	8.81		97.5
14	8.73	10.97	97.6
16	8.70	10.97	97.4
18		10.97	97.3

STATION 20 CRUISE 10  
 JULIAN DAY 187.74 ( 7/ 5/72 17:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	22.51	9.59	113.3
8	22.09	9.56	112.3
10	20.89	9.89	113.7
12	19.62	10.75	120.6
14	17.95	11.45	124.6
16	17.24	11.70	125.4



STATION 21 CRUISE 14  
 JULIAN DAY 213.56 ( 7/31/72 13:32)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	12.71 11.77	12.97	126.4
		12.95	123.5
10	10.30	12.85	118.5
12	9.20	12.61	113.2
14	7.20	12.34	108.2
16	7.79	12.19	105.7
18	7.48	12.07	103.9
20	7.12	11.97	102.1
22	6.97	11.98	101.8

STATION 2 CRUISE 20  
 JULIAN DAY 255.56 ( 9/11/72 13:22)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	16.07	8.56	89.6
8	16.76	8.68	94.3
10	15.51	8.89	92.1
12	12.50	8.90	86.3
14	12.31	8.29	80.0
16	12.13	8.38	80.6
18	11.91	8.75	79.9
20	11.17	8.32	78.3

STATION 20 CRUISE 27  
 JULIAN DAY 306.79 (11/ 1/72 18:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.25	10.73	96.4
8	9.24	10.74	96.5
10	9.20	10.74	96.4
12	9.19	10.73	96.3
14	9.19	10.71	96.1
16	9.15	10.72	96.1
18	9.04	10.76	96.3
20	8.95	10.84	96.7

STATION 24 CRUISE 14  
 JULIAN DAY 178.58 ( 6/26/72 14:21)

DEPTH (M)	TEMPERATURE (C)	O <sub>2</sub> (MG/L)	PERCENT SATURATION
6	7.03	14.35	122.1
8	6.71	14.40	121.6
10	6.43	14.44	119.3
12	5.40	14.40	117.5
14	5.21	14.34	116.5
16	5.16	14.26	115.7
18	5.14	14.16	114.8
20	5.12	14.17	114.9
22	5.08	14.10	114.2
24	5.06	13.99	113.2
26	4.99	13.96	112.4
28	4.92	13.86	111.5
30	4.74	13.78	110.6
32	4.45	13.80	109.9
34	4.13	13.84	109.4
36	3.99	13.93	109.7
38	3.90	13.99	109.9
40	3.86	13.94	109.3
42		13.95	109.1
44		13.81	108.0
46	3.71	13.90	108.6
48	3.68	13.37	109.1

STATION 24 CRUISE 14  
 JULIAN DAY 213.52 ( 7/31/72 12:24)

DEPTH (M)	TEMPERATURE (C)	O <sub>2</sub> (MG/L)	PERCENT SATURATION
6	22.48	13.11	127.1
8	11.45	13.47	127.5
10	10.07	13.58	124.6
12	8.68	13.65	121.1
14	7.25	13.82	118.3
16	6.68	13.91	117.3
18	6.36	13.97	116.9
20	6.12	13.98	116.3
22	5.88	14.09	116.5
24	5.72	14.21	116.9
26	5.54	14.25	116.8
28	5.43	14.30	116.8
30	5.35	14.37	117.1
32	5.18	14.44	117.3
34	5.06	14.47	117.1
36	4.97	14.52	117.3
38	4.89	14.54	117.2
40	4.78	14.57	117.1
42	4.50	14.68	117.1
44	4.43	14.78	117.6
46	4.39	14.88	118.3
48	4.31	14.87	118.0

STATION 24 CRUISE 16  
 JULIAN DAY 229.01 ( 8/16/72 0:15)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
0	15.65	10.91	
6	15.01	10.60	113.3
8		10.60	108.7
10	14.13	10.45	105.0
12	13.44	10.78	105.7
14	12.90	11.04	105.5
16	11.95		155.7
20	10.99	11.27	105.6
	9.85	11.40	104.0
22	9.35	11.49	103.6
24	8.76	11.62	103.2
26	8.23	11.75	103.0
28	7.63	11.72	101.3
30	6.27	11.90	99.3
32	5.45	12.36	101.1
34	5.05	12.52	
36	4.84	12.52	101.4
38	4.73	12.81	101.4
40	4.67	12.78	102.4
50	4.33	12.89	102.3
76	4.13	13.10	103.5
100	4.04	13.10	100.7 103.5
		12.77	

STATION 24 CRUISE 19  
 JULIAN DAY 259.75 ( 9/16/72 18: 1)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	17.70	8.63	95.0
10	13.17	9.53	90.4 84.7
	11.52		
12	8.79	10.02	89.1
14	7.97	10.31	89.8
16	7.59	10.74	92.7
18	6.59	11.14	93.7
20	6.18	11.27	93.9
22	5.86	11.39	94.1
24	5.44	11.48	93.8
26	5.29	11.95	97.3
28	4.98	12.19	98.5
30	4.80	12.23	98.3
32	4.73	12.27	98.5
34	4.65	12.50	100.1
36	4.56	12.5	
38			
50	4.29	12.59	100.2 99.9
60	3.98	12.82	100.9
		12.92	101.3
76	3.79	13.10	102.5
100	3.76	13.10	102.5

STATION 24 CRUISE 20  
 JULIAN DAY 255.53 ( 9/11/72 12: 7)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	17.33	9.01	96.8
	16.17	8.58	90.1
12	11.45	8.84	67.9
14	9.44	9.30	88.1
	7.75	9.51	85.9
16	8.15	10.47	93.0
18	7.75	10.74	94.0
20	7.27	10.87	94.2
22		11.09	95.0
24	6.40	11.22	94.0
26	5.91	11.54	95.4
28	5.44	11.98	57.9
30	4.97	12.35	99.4
32	4.66	12.35	98.9
34	4.37	12.54	99.6
36		12.69	100.5
38	4.09	12.89	101.7
40	3.99	12.94	101.8
50	3.83	13.28	104.1
60	3.83	13.33	104.5
76	3.80	13.47	105.5
100	3.12	12.46	97.4

STATION 24 CRUISE 21  
 JULIAN DAY 263.95 ( 9/19/72 22:45)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	15.77	10.02	104.4
8	15.75	10.14	105.5
10	15.73	10.00	104.0
12	15.45	9.78	101.2
14	13.05	9.65	94.7
16	9.35	10.32	93.0
18	7.87	10.85	94.3
20	6.27	11.19	93.4
22	5.70	11.84	97.4
24	5.22	12.17	98.9
26	4.86	12.27	98.8
28	4.57	12.55	100.3
30	4.39	12.71	101.1
32	4.30	12.89	102.3
34	4.21	13.00	102.9
36	4.13	13.00	102.7
38	4.06	13.05	102.9
40	3.95	13.27	104.3
50	3.78	13.31	104.2
60	3.72	13.45	105.1
76	3.67	13.47	105.1
100	3.60	12.81	99.8

STATION 24 CRUISE 27  
 JULIAN DAY 305.94 (10/31/72 22:40)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	7.35	11.66	99.3
	7.05	11.65	99.2
12	7.04	11.62	
14	7.05	11.60	
16	7.00	11.61	
18	6.97	11.61	
20	6.77	11.64	98.4
22	6.57	11.68	
24	6.51	11.72	98.5
26	6.48	11.71	98.3
28	6.33	11.72	
30	6.28	11.76	
32	6.22	11.76	
34	6.13	11.80	98.1
36	6.05	11.82	
38	5.84	11.81	
40	5.58	11.89	
42		11.95	97.5
50	5.36	12.02	97.5
60	5.14	12.02	97.2
76		12.01	
100	4.56	12.03	94.1

STATION 24 CRUISE 28  
 JULIAN DAY 313.08 (11/8/72 2:00)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8.55		10.66	94.2
8.57		10.69	94.5
8.58		10.65	94.1
8.57		10.66	94.2
8.58		10.65	94.2
8.59		10.69	94.6
8.60		10.67	94.4
8.60		10.63	94.1
8.59		10.63	94.0
8.58			94.2
8.55		10.67	94.3
8.54		10.63	93.9
8.29			93.1
8.22		10.73	94.1
8.10		10.73	93.8
8.00		10.74	93.8
7.73		10.74	93.0
7.26		10.85	92.9
5.83			92.2
5.28		11.37	92.5
5.00		11.42	92.3
4.22			90.1

STATION 26 CRUISE 27  
 JULIAN DAY 305.87 (10/31/72 20:46)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	7.53	11.62	46.9
10	7.30	11.62	98.8
12	7.00	11.61	98.7
14	7.00	11.59	98.6
16	6.94	11.59	98.3
18	6.78	11.59	97.8
20	6.73	11.59	98.1
24	6.72	11.59	57.9
26	6.70	11.60	97.9
28	6.70	11.60	97.9
30	6.68	11.60	97.9
32	6.66	11.62	98.0
34	6.62	11.63	97.9
36	6.62	11.63	98.0
38	6.59	11.64	97.9
40	6.51	11.60	97.4
42	6.31	11.65	97.3
44	5.22	11.86	96.4
76	4.60	12.00	96.0
100	4.12	12.13	95.8
126	3.73	12.21	95.4
126	3.61	12.11	94.4

STATION 35 CRUISE 10  
 JULIAN DAY 187.89 (7/5/72 21:25)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.99	12.83	142.4
8	18.49	12.44	136.7
10	18.16	11.82	129.1
12	17.97	11.41	124.2
14	17.84	11.28	122.4
16	17.67	11.26	121.8

STATION 3' CRUISE 14  
 JULIAN DAY 212.94 (7/30/72 22:39)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	24.31	9.76	118.3
8	22.87	9.55	113.7
10	17.58	9.35	100.9
12	10.28	10.21	94.1
14	6.32	10.80	90.2
16	4.84	11.09	89.2
18	4.78	11.05	88.8
20	4.75	11.12	89.3
22	4.72	10.95	87.9
24	4.72	10.99	88.1

STATION 30 CRUISE 20  
 JULIAN DAY 254.96 ( 9/10/72 23: 8)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.51	9.78	111.6
8	20.25	9.80	111.6
10	20.14	9.67	109.7
12	19.80	9.09	102.4
14	16.21	8.77	92.1
16	12.37	8.51	82.3
18	11.05	7.87	73.9
20	8.93	8.20	73.1
22	a.43	8.81	77.6

STATION 30 CRUISE 27  
 JULIAN DAY 305.78 (10/31/72 18:48)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	4.86	11.38	51.6
a	4.85	11.37	91.5
10	4.85	11.38	
14	4.85	11.37	91.7 31.6
16	4.85	11.36	71.4
	4.82	11.35	
18	4.69	11.33	91.3 30.0
20	4.56	11.32	90.8 30.4
22	4.33	11.35	89.7
24	4.25	11.25	89.3
26	3.83	11.30	88.9
28		11.26	88.2
30	3.86	11.22	88.0
32	3.88	11.25	88.3

STATION 31 CRUISE 14  
 JULIAN DAY 212.96 ( 7/30/72 21:37)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	24.09	10.12	122.9
8	23.42	9.79	117.5
10	16.61	9.70	102.7
12	8.86	10.70	95.3
14	8.15	11.71	102.5
16	7.53	11.94	102.9
18	7.10	12.03	102.5
20	6.25	11.98	101.0
22	5.69	12.12	99.7
24	5.22	12.36	100.4
26	4.97	12.55	101.3
28	4.71	12.55	100.6
30	4.65	12.67	101.4

STATION 31 CRUISE 20  
 JULIAN DAY 254.93 ( 9/10/72 22:12)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.44	9.53	108.7
8	20.11	9.33	105.8
10	17.54	8.89	100.5
12		8.60	86.3
14	13.27	8.71	79.1
16	7.87	5.75	80.3
18	7.27		84.7
20	6.93	15.16	85.3
22	6.40	10.47	86.3
24			87.7
26	5.91	10.67	88.2

STATION 31 CRUISE 27  
 JULIAN DAY 305.73 (10/31/72 17:26)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	5.49	10.72	87.7
8	5.32	10.70	87.2
10	5.12	10.70	86.8
12	4.93	10.73	86.6
14	4.73	10.78	86.5
16	4.56	10.87	86.8
18	4.41	10.87	86.5
20	4.14	10.88	86.3
22	4.09	10.77	85.0
24	4.07	10.72	84.6



STATION 32 CRUISE 14  
 JULIAN DAY 212.85 ( 7/30/72 20:27)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.13	11.36	128.8
8	18.49	12.16	132.9
10	13.96	12.93	129.5
12	10.29	12.65	116.6
14	7.51	12.99	111.9
16	6.56	13.12	110.3
18	6.29	13.20	110.3
20	6.09	13.30	110.5
22	5.92	13.47	111.4
24	5.74	13.69	112.7
26	5.58	13.79	113.1
28	5.48	13.86	113.4
30	5.33	13.95	113.7
32	5.24	14.06	114.3
34	5.09	14.05	113.8
36	4.98	14.18	114.5
38	4.87	14.27	114.9
40	4.82	14.36	115.5
50	4.66	14.61	117.1
60	4.61	14.97	119.7
76	4.56	14.87	118.8
100	4.48	15.08	121.2
126	4.36	15.49	123.1
150	4.26	15.58	123.5

STATION 32 CRUISE 27  
 JULIAN DAY 366.95 (11/ 1/72 22:53)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	8.84	10.64	94.7
	8.85	10.59	94.2
10	8.84	10.58	94.2
12	8.84	11.59	94.3
14	8.84	10.59	94.3
16	8.85	10.58	94.2
18	8.84	10.63	94.6
20	8.82	10.63	94.6
22	8.74	10.63	94.4
24	8.65	10.61	94.2
26		10.60	93.9
28	8.43	10.58	93.2
30	8.22	10.58	92.8
32	7.80	10.61	92.0
34	7.66	10.71	92.6
36	7.52	10.79	93.0
38	7.34	10.80	92.6
40	7.12	10.83	92.4
50	6.63	11.11	93.6
60	5.98	11.44	94.8
76	4.95	11.84	95.6
100	4.00	12.25	96.4
126	3.60		95.6
150	3.61	12.27 12.17	94.8

STATION 34 CRUISE 14  
 JULIAN DAY 213.65 ( 7/31/72 15:34)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	13.98	11.41	110.7
	12.75	12.41	121.0
10	13.42	12.54	118.5
12	8.26	12.77	114.7
14		13.01	114.9
16	7.44	13.05	112.3
18	6.79		
20	6.49	13.10	110.8
22		13.18	109.8
24	5.90	13.26	109.6
26			
28	5.30	13.37	109.6
30	5.11	13.51	110.0
32	4.88	13.65	110.2
34			
36	4.59	13.86	113.0
38	4.48	14.62	
40	4.49	14.09	113.0
43	4.49	14.18	113.9
50	4.44	14.31	115.4
60	4.40	14.51	115.4
76	4.35	14.23	113.1

STATION 34 CRUISE 27  
 JULIAN DAY 336.89 (11/ 1/72 21:26)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.01	10.91	95.2
8	8.00	10.90	95.0
10	7.99	10.89	94.9
12	7.97	10.90	94.9
14	7.96	10.89	94.8
16	7.93	10.89	94.7
18	7.92	10.86	94.5
20	7.88	10.83	94.2
22	7.83	10.86	94.3
24	7.76	10.85	94.1
26	7.65	10.84	93.7
28	7.58	10.86	93.7
30	7.57	10.85	93.6
32	7.20	10.91	93.2
34	7.04	10.99	93.5
36	6.93	11.03	93.6
38	6.82	11.07	93.7
40	6.65	11.15	94.0
50	5.84	11.37	93.8
60	5.18	11.43	92.8
76	4.52	11.57	92.3

STATION 35 CRUISE 14  
 JULIAN DAY 213.62 ( 7/31/72 14:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.73	11.69	113.9
8	12.22	11.78	113.5
10	11.93	11.79	112.8
12	10.87	11.89	111.1
14	10.26	11.99	110.4

STATION 35 CRUISE 20  
 JULIAN DAY 255.62 ( 9/11/72 14:55)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	14.52	8.17	80.185.4
8	12.63	8.14	78.1
10	10.77	8.36	77.676.8
12	9.61	8.28	77.2
14		8.56	

STATION 35 CRUISE 27  
 JULIAN DAY 306.86 (11/ 1/72 20:33)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	10.18		
8	10.18	10.34	95.1 95.2
10	10.10	10.35	95.2
12	10.14	10.35	95.0
14	10.10	10.36	95.0
16	10.10	10.36	95.0
18	10.17	10.34	95.2
20	10.01	10.39	95.4
22	10.00	10.42	95.4

STATION 36 CRUISE 14  
 JULIAN DAY 213.73 ( 7/31/72 17:37)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.05	10.67	117.1
8	17.05	10.67	116.1
10	17.28	10.40	111.6
12	15.90	10.15	105.9
14	14.89	10.13	103.6
16	14.35	10.44	103.6
18	14.28	10.53	106.2
20	14.24	10.51	105.9

STATION 36 CRUISE 17  
 JULIAN DAY 213.74 ( 7/31/72 17:49)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.95	10.26	111.6
8	17.11	10.38	106.7
10	16.13	9.79	102.7
12	15.17	9.80	101.4
14	14.5	10.10	102.3
16	14.39	10.15	102.3
18	14.39	10.15	102.3
20	14.39	10.15	102.3

STATION 35 CRUISE 20  
 JULIAN DAY 255.67 ( 9/11/72 16: 7)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	15.74	8.59	84.4
8	13.77	8.05	80.3
10	12.44	8.26	80.0
12	11.77	8.21	78.3
14	11.00	8.34	78.2
16	10.20	8.56	78.8
18	9.82	8.71	79.4

STATION 36 CRUISE 27  
 JULIAN DAY 307.15 (11/ 2/72 3:31)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	10.00	15.29	94.2
8	9.98	10.30	94.3
10	9.94	15.31	94.2
12	9.88	10.33	94.3
14	9.80	10.37	94.5
16	9.73	10.40	94.6
18	9.66	10.45	94.9
20	9.64	10.45	94.8
22	9.62	10.44	94.7

STATION 38 CRUISE 14  
 JULIAN DAY 213.70 ( 7/31/72 16:41)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	14.19	11.96	120.4
8	11.41	12.55	118.7
10	10.41	12.99	118.4
12	9.98	12.99	115.1
14	8.40	12.99	112.4
16	7.71	13.18	112.5
18	7.13	13.36	112.0
20	6.46	13.50	112.4
22	6.17	13.64	112.6
24	5.83	13.84	113.6
26	5.61	13.99	114.3
28	5.44	13.99	114.1
30	5.35	14.33	114.7
32	5.20	14.17	114.7
34	5.05	14.28	115.2
36	4.82	14.41	115.9
38	4.71	14.49	116.2
40	4.62	14.50	116.0
42	4.43	14.68	116.0
44		14.87	118.3
46		14.71	117.0
48	4.38	14.40	
50	4.40		
52			
54			
56			
58			
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64			
66			
68			
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72			
74			
76			

STATION 38 CRUISE 27  
 JULIAN DAY 307.09 (11/ 2/72 2:15)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	6.80	11.55	97.7
	6.80	11.57	97.9
10	6.81	11.56	97.8
12	6.78	11.49	97.2
14	6.75	11.51	97.2
16	6.72	11.53	97.3
18	6.70	11.52	97.2
20	6.69	11.51	97.1
24	6.69	11.55	97.4
	6.70	11.56	
26	6.68	11.49	97.0
28	6.67	11.45	96.9
30	6.65	11.45	96.5
32	6.63	11.45	96.4
34	6.63	11.45	96.5
36	6.63	11.52	97.0
38	6.51		96.7
40	6.59	11.49	96.0
50	6.11	11.60	95.6
60	5.85	11.64	95.0
76	4.97		94.0

STATION 40 CRUISE 8  
 JULIAN DAY 171.58 ( 6/19/72 13:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.08	14.31	137.5
8	8.12		
10	5.85	14.37 14.89	125.7 123.0
	4.85	14.55	117.1
14	4.39	14.23	113.2
16	4.01	14.14	111.4
18	3.85	14.12	110.7
20	3.79	14.10	110.4
22		14.04	109.8
24	3.74	14.02	109.5
26	3.71 3.68	14.00	109.3
28	3.67	14.00	109.3
30	3.66	14.00	109.3
32	3.63	13.97	109.0
34	3.66	14.01	105.3
36	3.65	14.01	109.3
40	3.63	13.99	109.1
50	3.64	14.02	109.3
		14.07	109.7
60	3.58	13.75	107.1

STATION 40 CRUISE 14  
 JULIAN DAY 212.83 ( 7/30/72 10: 4)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	23.51	17.46	209.9
8	22.43	17.47	206.3
10	20.81	17.50	207.9
12	17.50	17.55	196.5
14	18.95	17.59	195.3
16	17.70	17.60	190.5
18	11.20	17.64	186.1
20	6.93	17.82	151.3
22	5.77	17.95	147.8
24	5.33	17.98	146.5
26	5.15	17.99	146.0
28	5.22	18.00	145.5
30	4.92	18.00	145.2
32	4.89	18.00	145.1
34	4.79	18.00	144.7
36	4.72	18.01	144.5
38	4.67	18.01	144.3
40	4.63	18.01	144.1
53	4.54	18.01	143.8
60	4.50	18.01	143.6
76	4.48	18.02	143.6
100	4.43	18.02	143.4

STATION 40 CRUISE 27  
 JULIAN DAY 307.01 (11/ 2/72 0:29)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.83	10.51	53.6
8	8.83	10.53	53.7
10	8.81	10.54	53.8
12		10.55	
14	8.79	10.55	93.8 53.7
16	8.76	10.54	93.5
18	8.57	10.54	93.2
20	8.34	10.59	93.1
22	8.12	10.65	93.1
24	7.87	10.65	92.6
26	7.67	10.65	92.1
28	7.45	10.69	91.9
30	7.27	10.69	91.5
32	7.08	10.69	91.1
34	7.01	10.73	51.2
36	6.90	10.77	91.4
38	6.77	10.76	91.0
40	6.70		91.3
50	5.80	10.80	91.2
60	4.34	11.70	
76	3.83	11.99	52.9 93.9
100	3.64	11.65	93.8
126	3.50	11.22	87.4
150	3.60	11.24	87.6

STATION 42 CRUISE 14  
 JULIAN DAY 212.69 ( 7/30/72 16:36)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	23.58	7.49	90.1
8	22.80	7.47	88.6
10	21.90	7.49	86.4
12	16.73	7.52	79.8
14	12.74	7.59	74.0
16		7.63	70.5
18	10.67	7.66	67.8
20	7.87	7.69	66.8
22	7.48	7.68	66.1
24	6.78	7.71	65.8
26	6.54	7.69	64.6
28	6.54		64.3
30	6.46	7.65	64.2
32	6.41	7.70	64.5

STATION 42 CRUISE 27  
 JULIAN DAY 305.62 (10/31/72 14:49)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.46	10.70	94.4
8	8.35	10.67	93.8
10	8.22	10.66	93.4
12	8.07	10.68	93.3
14	7.87	10.74	93.3
16	7.26	10.76	92.1
18	6.63	10.81	91.0
20	6.12	10.80	89.9
22	5.79	10.78	88.9
24	5.59	10.82	88.7
26	5.39	10.78	88.0

STATION 43 CRUISE 14  
 JULIAN DAY 212.72 ( 7/30/72 17:12)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	23.04		
8	22.61	7.40	88.3
10	22.01	7.36	87.2
12	22.07	7.36	86.4
14	21.03	7.38	85.2
16	19.62	7.40	82.0
18	19.78	7.46	74.8
20		7.54	68.6
22	8.19	7.55	66.1
24	7.45	7.53	64.8
26	7.13	7.58	64.0
28	6.93	7.57	64.3
30	6.71	7.59	64.1
32	6.43		63.2
34	6.66	7.54	63.5
36	6.80	7.57	63.8
38	7.18	7.56	64.6
40	7.77	7.53	65.3

STATION 4 4 CRUISE 27  
 JULIAN DAY 307.41 (11/ 2/72 9:47)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.30	11.10	97.5
8	8.30	11.11	97.6
10	8.31	11.10	97.5
12	8.30	11.11	97.6
14	8.30	11.09	97.4
16	8.30	11.06	97.1
18	8.29	11.07	97.2
20	8.28	11.07	97.2
22	8.26	11.09	97.3
24	8.24	11.10	97.3
26	8.22	11.10	97.3
28	8.01	11.13	96.8
30	7.81	11.14	96.6
32	7.64	11.14	96.3
34	7.50	11.14	95.9
36	7.28	11.16	95.6
38	7.20	11.19	95.6
40	7.08	11.21	95.6
50	6.37	11.58	96.2
60	5.60	11.75	96.4
76	4.52	12.17	97.1
100	3.72	12.40	96.9
126	3.55	12.23	95.2

STATION 45 CRUISE 9  
 JULIAN DAY 178.85 ( 6/26/72 21:14)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	5.13	13.79	111.8
10	4.49	14.04	111.7
14	4.21 4.32	14.13 14.17	112.1
16	4.06 4.14	14.14	112.2
18		14.01	111.7
20	4.04 3.73	14.00	110.6
22	3.98	13.89	110.3
24	3.94	13.89	109.4
26	3.92	13.82	109.3
28	3.91	13.76	108.6
30	3.89	13.76	108.1
32	3.89	13.71	107.3
34	3.88	13.75	107.6
36	3.88	13.77	107.6
38	3.89	13.77	108.1
40	3.89	13.74	108.1
42	3.88	13.74	107.7
50	3.87	13.73	107.7
60	3.87	13.74	107.8
76	3.85	13.84	107.8
100	3.83	13.81	108.3
126	3.80	13.81	108.3
150	3.76	13.94	109.2
176	3.70	13.77	107.7
	3.60	13.94	108.8
		13.71	106.8



STATION 45 CRUISE 14  
 JULIAN DAY 213.86 ( 7/31/72 20:44)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.66	10.57	118.7
8	17.62	11.07	118.2
10	13.28	11.39	112.4
12	8.50	11.82	104.3
14	6.81	12.36	104.6
16	6.08	12.59	104.6
18	5.53	12.83	105.0
20	5.27	12.87	104.7
22	5.28	12.89	104.4
24	4.98	13.05	105.4
26	4.88	13.12	105.7
28	4.81	13.11	105.4
30	4.77	13.15	105.6
32	4.71	13.23	106.2
34	4.68	13.28	106.4
36	4.65	13.38	107.1
38	4.63	13.38	107.1
40	4.61	13.45	107.6
50	4.54	13.54	108.1
60	4.50	13.38	106.7
70	4.47	13.46	107.3
100	4.41	13.67	108.8
126	4.34	13.98	111.0
150	4.38	14.08	111.9
176	4.21	13.55	107.2

STATION 45 CRUISE 16  
 JULIAN DAY 228.86 ( 8/15/72 20:33)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	11.52	12.87	122.0
10	10.87	12.51	116.8
12	9.96	12.51	114.4
	9.99	12.31	110.2
16	8.67	12.19	108.0
18	8.00	12.35	108.6
	8.34	12.35	107.7
	7.69	12.22	105.7
22	7.28	12.26	105.0
24	6.94	12.29	104.4
26	6.45	12.35	103.5
28	6.12	12.40	103.1
30	5.88	12.48	103.2
32	5.65	12.57	103.2
34	5.46	12.62	103.1
36	5.33	12.71	103.6
38	5.32	12.72	103.6
40	5.21	12.60	102.4
50	4.66	12.82	103.3
60	4.53	12.91	103.1
76	4.25	13.08	103.6
100	4.03	13.22	104.1
126	3.99	13.27	104.5
150	3.92	13.32	104.6

STATION 45 CRUISE 19  
 JULIAN DAY 255.62 ( 9/ 6/72 14:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
0	20.81	8.72	41.7
8	19.98	8.52	46.3
10	18.35	8.17	89.5
12	16.57	8.89	74.1
14	12.59	9.12	88.6
16	10.81	9.48	86.8
18	8.89	9.78	87.2
20	8.13	10.43	91.2
22	7.48	10.79	92.9
24	6.73	10.95	92.5
26	6.29	11.32	94.5
28	5.88	11.93	98.5
30	5.51	12.17	99.6
32	5.35	12.28	100.1
34	5.27	12.42	101.0
36	5.17	12.38	100.5
38	5.08	12.37	100.2
40	4.97	12.39	100.1
50	4.59	12.57	100.5
60	4.28	12.85	101.9
76	3.98	13.14	103.4
100	3.82	13.03	102.1
126	3.78	13.20	103.3
150	3.72	13.14	102.7

STATION 45 CRUISE 20  
 JULIAN DAY 255.78 ( 9/11/72 18:49)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	19.75	9.52	101.5
	19.73	8.86	99.6
12	19.65	8.73	98.0
14	19.42	8.30	92.8
	18.88	8.04	89.1
16	12.91	8.68	84.9
18	10.80	9.59	87.8
20	8.43	10.17	89.6
22	7.69	10.67	92.3
24	6.79	10.92	92.4
26	6.15	11.52	95.8
28	5.77	11.84	97.6
30	5.6	11.91	97.7
32	5.4	12.11	98.9
34	5.30	12.10	98.6
38	5.21	12.17	98.9
40	5.13	12.26	99.4
50	5.04	12.38	100.2
60	4.55	12.46	100.5
	4.17	12.83	101.9
76	3.99	12.96	102.0
100	3.83	13.09	102.6
126	3.75	13.24	103.5
150	3.74	13.25	103.6

STATION 45 CRUISE 21  
 JULIAN DAY 263.83 (C/19/72 19:53)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.16		101.1
8	18.15	9.26	100.2
10	18.12	9.18	101.3
12	18.09	9.19	100.2
14	18.02	9.19	100.2
16		8.71	98.9
18	17.91	15.65	96.5
22	18.73	10.35	88.5
24	7.71	15.66	90.6
26	7.02	11.04	92.3
28	6.38	11.33	93.9
30	5.89	11.67	94.9
32	5.55	12.04	96.5
34	5.31	12.22	98.7
36			99.5
38			99.2
40	5.01	12.27	99.4
42	4.93	12.31	99.9
44	4.73	12.45	99.9
50		12.97	102.5
60	3.82	13.08	102.9
76	3.72	13.29	104.1
100		13.52	105.7
126	3.65	13.66	106.5
150	3.62	13.61	106.1

STATION 45 CRUISE 22  
 JULIAN DAY 270.47 (9/26/72 11:23)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	16.70	9.30	98.7
		9.22	97.8
10	16.68	9.20	97.6
12	16.68	9.11	96.6
14	16.53	4.08	36.3
18	16.43	9.27	97.8
20	16.18	9.18	96.5
	14.61		92.5
22	11.76	9.12	89.5
24	10.43	9.39	91.5
26	7.79	10.54	91.4
30	6.52	11.12	93.4
32	5.98	11.38	94.3
		11.57	95.0
34	5.41	11.82	96.5
36	5.15	11.96	97.0
38	4.97	12.08	97.6
40	4.87	12.19	98.0
50	4.36	12.54	99.6
76	4.08	12.70	100.2
100	3.85	12.89	101.1
126	3.70	13.07	102.1
		13.17	102.8
150	3.60	13.16	102.5

STATION 45 CRUISE 27  
 JULIAN DAY 307.35 (11/ 2/72 8:28)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.80	10.79	95.9
8	8.81	10.78	95.9
10	8.80	10.80	96.1
12	8.80	10.78	95.9
14	8.80	10.78	95.8
16	8.80	10.75	95.6
18	8.80	10.77	95.8
20	8.80	10.79	95.9
22	8.80	10.82	96.2
24	8.80	10.80	96.1
26	8.80	10.84	96.4
28	8.80	10.82	96.2
30	8.80	10.84	96.4
32	8.80	10.86	96.5
34	8.80	10.87	96.6
36	8.79	10.86	96.6
38	8.74	10.86	96.4
40	8.66	10.90	95.6
50	6.90	11.43	96.9
60	6.39	11.55	96.7
76	5.44	11.83	96.7
100	4.52	12.18	97.2
126	3.69	12.38	96.7
150	3.54	12.17	94.7

STATION 45 CRUISE 28  
 JULIAN DAY 312.88 (11/ 7/72 21:12)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.88	10.82	96.4
8	8.86	10.81	96.3
10	8.88	10.77	95.9
12	8.88	10.77	96.0
14	8.89	10.77	96.0
16	8.88	10.75	95.7
18	8.88	10.72	95.5
20	8.89	10.73	95.6
22	8.88	10.76	95.8
24	8.88	10.76	95.9
26	8.91	10.77	96.1
28	8.88	10.76	95.9
30	8.83	10.75	95.7
32	8.71	10.77	95.6
34	8.54	10.83	95.7
36	8.41	10.89	95.9
38	8.10	10.87	95.0
40	7.48	10.88	93.6
50	6.44	11.16	93.6
60	5.83	11.30	93.3
76	5.26	11.52	93.7
100	4.46	11.81	94.0
126	4.15	11.89	93.9
150	4.07	11.44	90.2

STATION 46 CRUISE 4  
 JULIAN DAY 178.83 ( 6/26/72 19:48)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.23	14.71	129.0
8	5.66	14.65	123.5
10	5.97	14.72	122.0
12	5.63	14.63	120.2
14	5.41	14.55	118.8
16	5.33	14.65	119.4
18	5.24	14.59	118.6
20	5.15	14.45	117.2
22	5.05	14.33	116.0
24	4.96	14.19	114.6
26	4.90	14.18	114.3
28	4.78	14.09	113.2
30	4.50	14.08	112.3
32	4.34	14.08	111.8
34	4.18	14.08	111.4
36	4.11	14.11	111.4
38	3.98	14.08	110.8
45	3.94	14.10	110.8
50	3.80	14.22	111.4
60	3.74	14.13	110.5
76	3.72	14.16	110.7
100	3.69	14.18	110.8

STATION 46 CRUISE 9  
 JULIAN DAY 178.84 ( 6/26/72 20: 7)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	8.92		131.6
7	7.32	14.80	127.6
6	6.15	14.62	121.7
5	5.81	14.49	119.5
5	5.79	14.35	118.4
5	5.72	14.28	117.6
5	5.65	14.31	
5	5.56	14.33	117.6
5	5.55	14.36	117.7
5	5.49	14.39	117.7
5	5.37	14.45	117.9
5	5.29	14.39	116.9
5	5.06	14.28	115.6
5	5.03	14.17	114.6
4	4.98	14.12	114.1
4	4.82	14.05	113.0
4	4.59	14.03	112.2
4	4.49	14.03	111.6
3	3.92	14.16	111.2
3	3.80	14.22	111.3
3	3.75	14.20	111.1
3	3.70	14.18	110.7

STATION 46 CRUISE 14  
 JULIAN DAY 213.82 (7/31/72 19:42)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	15.42	10.78	111.4
8	12.37	11.34	109.6
10	10.39	11.86	109.6
12	8.39	12.18	106.5
14	7.12	12.16	103.7
16	6.11	12.46	103.6
18	5.72	12.71	104.6
20	5.49	12.81	104.8
22	5.28	12.92	105.2
24	5.20	13.00	105.6
26	5.15	13.03	105.7
28	5.09	12.94	104.8
30	5.03	12.96	104.8
32	4.98	13.03	105.3
34	4.91	13.13	105.9
36	4.87	13.25	106.7
38	4.81	13.32	107.1
40	4.78	13.37	107.4
50	4.58	13.60	108.7
60	4.44	13.71	109.2
76	4.40	13.89	110.5
100	4.33	14.07	111.7

STATION 46 CRUISE 27  
 JULIAN DAY 307.25 (11/2/72 5:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	7.80	11.27	97.8
8	7.79	11.29	98.0
10	7.76	11.26	97.6
12	7.76	11.26	97.6
14	7.72	11.29	97.8
16	7.70	11.28	97.7
18	7.67	11.30	97.8
20	7.60	11.28	97.4
22	7.54	11.29	97.3
24	7.46	11.31	97.3
26	7.43	11.31	97.2
28	7.37	11.30	97.0
30	7.28	11.30	96.8
32	7.17	11.33	96.8
34	7.11	11.35	96.8
36	6.95	11.36	96.5
38	6.63	11.40	96.1
40	6.37	11.52	96.4
50	5.60	11.59	95.1
60	5.12	11.54	93.6
76	4.18	11.81	93.4
100	3.68	11.81	92.2

STATION 48 CRUISE 14  
 JULIAN DAY 213.78 ( 7/31/72 18:36)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	22.02	9.41	110.4
10	20.975	9.38	109.4
12	18.22	9.22	106.0
		8.98	98.2
14	17.36	9.01	96.3
16	16.58	0.08	96.1
20	16.47	9.19, 23.6	96.8
	16.43		97.5
22	16.32	9.20	96.9
24	16.18	9.20	
26	16.07	9.19	96.6 56.3

STATION 48 CRUISE 20  
 JULIAN DAY 255.71 ( 9/11/72 17: 8)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.67	9.58	105.7
8	18.42	9.20	100.9
10	15.96	8.61	90.0
12	12.75	8.33	81.2
14	11.24	8.51	80.2
16	10.53	8.78	81.4
18	9.76	8.91	81.1
20	9.07	8.91	79.8
22	8.48	9.03	79.7
24	8.38	9.11	80.2

STATION 48 CRUISE 27  
 JULIAN DAY 317.17 (11/ 2/72 4:32)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	10.19	10.33	95.0
8	10.15	10.37	95.3
10	10.04	10.40	95.3
12	9.84	10.43	95.1
14	9.70	10.46	95.1
16	9.70	10.49	95.3
18	9.70	10.52	95.6
20	9.70	10.52	95.1
22	9.70	10.51	95.5
24	9.70	10.51	95.5

STATION 49 CRU SE 14  
 JULIAN DAY 214.17 ( 8/ 1/72 4: 9)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	23.49	8.66	104.0
10	23.15	8.29	103.0
12	20.32	8.11	97.5
16	19.72	7.83	92.3
18	18.52	7.72	88.0
	18.37	7.69	84.8
20	18.37	7.70	84.3
22	18.35	7.56	84.4
24	18.21	7.73	82.8
			84.1

STATION 49 CRUISE 20  
 JULIAN DAY 256.11 ( 9/12/72 2:39)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.27	9.65	107.6
6	10.12	9.51	105.8
10	18.78	5.18	101.4
12	18.05	8.51	92.8
14	16.16	8.09	84.9
16	15.04	7.78	79.8
18	13.74	7.73	77.1
20	12.63	7.78	75.7
22	10.86	8.37	78.2

STATION 49 CRUISE 21  
 JULIAN DAY 262.29 ( 9/18/72 6:54)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.07	8.88	94.9
8	16.46	8.79	92.9
10	14.85	8.35	85.3
12	12.62	8.11	78.9
14	11.14	8.27	77.7
16	10.54	8.45	76.3
18	10.27	8.45	77.8
20	9.58	8.70	78.8

STATION 49 CRUISE 22  
 JULIAN DAY 258.87 ( 9/24/72 20:58)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.28	9.11	97.8
8		9.01	96.6
10	17.24	8.97	96.2
12	17.23	8.94	95.9
14	17.22	8.91	95.4
16	17.22	8.87	95.1
18	17.21	8.85	94.8
	17.17	8.78	94.0
22	17.00	8.65	92.3



STATION 4 9 CRUISE 27  
 JULIAN DAY 305.34 (10/31/72 8 : 9 ,

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	10.14	10.26	~4.2
8	10.13	10.24	94.0
11	10.14	10.21	93.8
12	10.13	10.21	93.8
14	10.14	10.27	94.3
16	10.14	10.32	94.7
18	9.99	10.35	94.7
20	9.97	10.39	95.1

STATION 49 CRUISE 28  
 JULIAN DAY 310.95 (11/ 5172 22:53)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.69	15.43	94.7
8	9.69	15.46	95.0
10	9.69	15.48	95.2
12	9.69	15.48	95.2
14	9.69	15.46	95.1
16	9.69	15.47	95.2
18	9.70	15.45	94.9
20	9.69	15.46	95.0
22	9.68	15.36	94.1

STATION 53 CRUISE 10  
 JULIAN DAY 187.98 ( 7/ 5/72 23:29)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	25.24	11.91	147.4
8	25.03	11.57	142.7
12	24.79	11.26	138.9
14	24.68	11.14	135.9
16	24.35	10.97	136.6
18	24.03	11.29	133.7
			136.9

STATION 5 : CRUISE 14  
 JULIAN DAY 214.16 ( 8/ 1/72 3:48)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	23.41	8.53	102.4
	22.99	8.53	101.8
10	22.20	P.14	95.8
12	21.24	8.01	92.7
14	18.86	7.99	88.5
16	18.14	7.94	86.7
18	17.99	7.85	85.5
20	17.90	7.78	84.6
24	17.33	7.80	83.8
26	16.29	7.83	82.4
	14.64	7.98	81.1
28	13.24	8.12	80.0
30	12.29	8.32	80.3
32		8.56	79.2
34	10.48-9.37	9.00	81.1

STATION 50 CRUISE 20  
 JULIAN DAY 256.16 ( 9/12/72 2:18)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	19.08	9.11	101.3
	18.79	8.98	99.2
10	18.33	8.67	95.7
12	16.90	8.34	88.9
14	15.14	7.37	75.7
16	12.91	7.51	73.5
18	11.58	7.87	74.7
20	10.54	8.23	76.3
22	3.77	8.73	79.5
24	9.04	9.06	81.1
26	6.59	9.28	82.1
28	8.16	9.56	83.7
30	7.30-6.6	9.85	85.1
32	7.18	9.87	84.3

STATION 50 CRUISE 21  
 JULIAN DAY 262.27 ( 9/18/72 6:34)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	17.12	8.94	35.6
	17.04	8.82	94.2
14	16.5	8.65	91.5
16	14.51	8.45	87.0
		8.16	82.7
	13.04	8.40	79.0
20	10.88	8.74	78.7
22		8.88	79.8
	9.28		79.9
26	8.74	9.07	80.5
28	8.04	9.37	81.8
	7.44	9.48	81.5
30	7.13	9.62	82.1

STATION 50 CRUISE 22  
 JULIAN DAY 268.86 ( 9/24/72 20:41)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6		9.30	100.3
8	17.44	9.10	98.0
10	17.36	8.88	95.4
12	17.33	8.73	93.7
14	17.31	8.65	92.9
16	17.26	8.66	92.9
18	17.18	8.62	92.4
20	17.05	8.53	91.1
22	16.91	8.45	90.0
24	16.65	8.46	89.7
26	15.96	8.42	88.0
28	14.57	8.40	84.3
30	10.52	8.80	81.5
32	8.96	9.21	82.2

STATION 50 CRUISE 28  
 JULIAN DAY 310.94 (11/5/72 22:36)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.63	10.67	96.8
8	9.63	10.66	96.7
10	9.64	10.66	96.7
12	9.64	10.65	96.6
14	9.62	10.65	96.6
16	9.64	10.65	96.6
18	9.63	10.66	96.7
20	9.62	10.67	96.8
22	9.61	10.69	96.9
24	9.60	10.70	97.0
26	9.59	10.69	96.9
28	9.59	10.69	96.9
30	9.58	10.69	96.8
32	9.58	10.67	96.6
34	9.54	10.58	95.8

STATION 5: CRUISE 14  
 JULIAN DAY 214.14 ( 8 / 1 / 72 3:24 )

DEPTH	TEMPERATURE	DO (MG/L)	PERCENT SATURATION
6	23.20	8.67	103.7
10	22.26	8.90	104.8
12	20.40 19.05	9.20 9.19	103.5
			102.2
16	17.20	9.27	99.4
20	15.53 14.25	4.46	98.2
22	12.60	9.59	96.6
		9.65	94.2
	10.40	9.94	91.8
24	8.72	10.16	90.2
26	7.83	10.25	89.0
28	7.38		88.4
30	6.99	10.29	89.3
32	6.74	10.54	89.1
34	6.55	10.69	89.8
36		10.84	90.6
38	6.09 31	10.94	90.9
40	5.80	11.05	91.1

STATION 51 CRUISE 19  
 JULIAN DAY 248.93 ( 9 / 4 / 72 22:21 )

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
0	19.85	9.25	104.4
2	19.74	9.20	103.6
4	19.32	8.96	100.0
6	18.15	8.35	91.2
8	14.50	8.32	84.3
10	10.84	8.82	62.4
12	9.39	9.30	83.8
14	8.89	9.45	84.2
16	8.62	9.51	84.2
18	8.32	9.63	84.6
20	8.04	9.72	84.8
22	7.87	9.75	84.7
24	7.67	9.82	84.9
26	7.31	10.02	85.9
28	6.91	10.16	86.2
30	6.60	10.28	86.5
32	6.29	10.31	86.1
34	6.02	11.49	87.0

STATION 51 CRUISE 20  
 JULIAN DAY 256.08 ( 9/12/72 1:52)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	19.55	8.66	97.1
10	19.28	8.93	99.7
12	18.86	8.92	98.7
	16.92	8.65	92.2
14	14.85	7.90	80.7
16	12.34	8.55	82.6
18	10.67	9.11	64.7
22	9.92	9.32	85.1
24	9.23	9.47	85.1
	8.49	9.88	87.2
26	7.68	10.33	89.8
28	7.00	10.43	89.3
30	7.27638	10.42	88.6
32	6.45	10.59	88.8
34	6.08	10.88	90.4
36	5.85	10.84	89.5
38	5.79	10.96	90.4
40	5.74	10.99	90.5

STATION 51 CRUISE 21  
 JULIAN DAY 262.26 ( 9/18/72 6: 9)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.16	9.29	99.5
8	17.14	9.30	99.6
10	17.07	9.21	98.4
12	16.75	9.16	97.3
14	14.88	8.67	88.6
16	10.81	9.03	84.3
18	a.79	9.23	82.0
20	8.14	9.39	82.2
22	7.76	9.70	84.1
24	7.44	9.88	85.0
26	7.11	10.09	86.1
28	6.90	10.15	86.1
30	6.67	10.18	85.9
32	6.42	10.29	86.2
34	6.14	10.32	85.8
36	5.90	10.50	86.8
38	5.61	10.50	86.1
40	5.53	10.56	86.5

STATION 51 CRUISE 22  
 JULIAN DAY 268.84 ( 9/24/72 20:14)

DEPTH (M)	TEMPERATURE (C)	PO (MG/L)	PERCENT SATURATION
6	17.49	9.29	100.1
8	17.44	9.08	97.7
10	17.42	9.05	97.4
12	17.41	9.03	97.2
14	17.41	8.99	96.7
16	17.40	8.94	96.2
18	17.37	8.93	96.0
20	17.21	8.90	95.4
22	16.66	8.90	94.3
24	15.51	8.88	91.9
26	13.33	8.90	87.9
28	11.03	9.00	84.4
30	9.42	9.27	83.7
32	8.56	9.35	82.7
34	7.64	9.43	81.5
36	7.05	9.51	81.0
38	6.40	9.84	82.4
40	5.78	10.40	85.8

STATION 51 CRUISE 28  
 JULIAN DAY 315.93 (11/ 5/72 22:14)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.41	10.80	97.4
8	9.41	10.79	97.4
10	9.40	10.79	97.3
12	9.40	10.78	97.3
14	9.40	10.79	97.4
16	9.41	10.79	97.3
18	9.40	10.79	97.3
20	9.41	10.79	97.3
22	9.40	10.78	97.3
24	9.41	10.78	97.3
26	9.41	10.78	97.2
28	9.41	10.77	97.2
30	9.38	10.76	97.1
32	9.30	10.77	97.0
34	9.21	10.79	96.9
36	9.08	10.83	96.9
38	9.03	10.85	97.0
40	9.02	10.86	97.1

STATION 52 CRUISE 14  
 JULIAN DAY 214.12 ( 8/ 1/72 2:57)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.81	9.40	107.9
8	17.53	9.73	108.3
10	15.68	9.94	107.3
12		10.07	104.6
14	13.111	10.16	100.0
16	10.79	10.45	97.4
18			95.7
20	7.80	10.75	94.3
22	7.11	11.03	94.1
24	6.79	11.16	94.4
26	6.54	11.21	94.2
28	6.36	11.28	94.4
32	6.08	11.34	94.2
34	5.91	11.51	95.2
	5.66	11.56	95.0
36	5.45	11.66	94.5
38	5.25	11.65	94.7
40		11.66	94.5
50	5.09	11.80	94.0
60	4.47	11.45	91.2

STATION 52 CRUISE 16  
 JULIAN DAY 227.12 ( 8/14/72 2:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.24	9.56	108.6
8	20.16	9.51	107.9
10	19.50	9.33	104.5
12	17.74	9.27	100.4
14	15.15	9.43	97.0
16	13.51	9.56	94.8
18	12.20	9.74	93.8
20	11.33	10.02	94.6
22	10.85	10.24	95.5
24	10.42	10.53	97.3
26	9.87	10.67	97.4
28	9.57	10.81	97.9
30	9.32	10.89	98.0
32	9.12	10.92	97.8
34	9.22	10.95	97.9
36	8.94	11.00	98.2
38	8.85	11.00	98.0
40	8.75	11.98	97.5
50	8.28	11.05	97.0
60	7.95	11.26	98.1

STATION 52 CRUISE 20  
 JULIAN DAY 256.05 ( 9/12/72 1:15)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.64	8.86	99.5
8	19.56	8.85	99.2
10	19.16	8.61	95.8
12	18.80	8.24	91.1
14	15.16	8.21	84.4
16	10.34	9.03	83.3
18	8.38	5.56	84.1
20	7.25	10.14	86.8
22	6.88	10.72	90.9
24	6.56	10.86	91.3
26	6.35	10.95	91.6
28	6.18	11.05	92.1
30	5.95	11.19	92.6
32	5.77	11.02	90.8
34	5.64	11.17	91.7
36	5.57	11.18	91.7
38	5.52	11.24	92.1
40	5.44	11.39	93.1
50	5.13	11.89	96.4
60	4.56	12.26	97.9

STATION 52 CRUISE 21  
 JULIAN DAY 262.24 ( 9/18/72 5:42)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.13	9.31	95.7
8	17.07	9.34	99.9
10	16.84	9.27	98.7
12	15.99	8.99	94.0
14	12.58	9.27	90.0
16	9.01	9.84	87.9
18	7.65	10.21	88.4
24	6.85	10.54	89.3
26	6.53	10.49	88.1
		10.60	88.5
	5	10.67	88.1
32	5.70	10.64	89.2
34	5.47	10.87	89.1
	5.37	10.87	89.5
	5.28	10.96	89.4
		11.11	92.4
36		11.11	92.4
40	5.22	10.94	88.6
50	4.54	10.94	88.6
		11.53	92.1



STATION 52 CRUISE 22  
 JULIAN DAY 268.83 ( 9/24/72 19:50)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	16.67	9.85	104.5
8	16.60	9.46	100.2
10	16.56	9.34	98.8
12	16.53	9.26	97.9
14	16.54	9.25	97.4
16	16.49	9.17	96.9
18	16.44	9.13	96.4
20	16.33	9.11	95.8
22	15.96	9.02	94.3
24	15.12	8.92	91.7
26	12.92	9.01	88.2
	9.94	9.43	86.2
30	7.50	10.24	88.2
32	6.41	10.91	91.4
34	5.73	10.95	90.2
36	5.32	11.15	90.8
38	5.11	11.40	92.4
40	4.97	11.41	92.2
50	4.65	11.37	91.1
60	4.40	11.75	93.4

STATION 52 CRUISE 27  
 JULIAN DAY 305.29 (10/31/72 6:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	10.59	10.06	93.3
8	10.60	10.04	93.2
10	10.59	10.03	93.1
12	10.60	10.03	93.1
14	10.60	10.04	93.2
16	10.60	10.03	93.1
18	10.60	10.03	93.1
20	10.59	10.04	93.1
22	10.60	10.05	93.2
24	10.60	10.04	93.2
26	10.60	10.03	93.1
28	10.60	10.01	92.9
30	10.60	10.02	93.0
32	10.60	10.04	93.2
34	10.60	10.05	93.3
36	10.60	10.03	93.1
38	10.60	10.00	92.8
43	10.55	9.98	92.5
53	9.42	9.85	88.9

STATION 57 CRUISE 14  
 JULIAN DAY 214.09 ( 87 1/72 2: 9)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.53	9.89	110.8
8	18.61	10.20	112.3
10	16.70	10.36	109.9
12	14.12	10.69	107.4
14	11.79	11.03	105.2
16	9.72	11.37	103.4
18	7.97	11.64	101.4
20	6.94	11.85	100.6
22	6.44	11.99	100.6
24	6.12	12.11	100.8
26	5.88	12.23	101.1
28	5.58	12.31	100.9
30	5.37	12.44	101.5
32	5.13	12.54	101.7
34	4.96	12.67	102.4
36	4.85	12.79	102.9
38	4.73	12.81	102.8
40	4.61	12.85	102.8
42	4.46	13.30	106.0
44	4.41	13.72	109.1
46	4.35	13.71	108.9

STATION 53 CRUISE 16  
 JULIAN DAY 227.14 ( 87 14/72 2:17)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.09	9.88	107.8
8	18.05	9.82	107.1
10	17.97	9.68	105.3
12	17.81	9.56	103.7
14	17.60	9.42	101.7
16	17.22	9.34	100.1
18	16.49	9.31	98.4
20	14.85	9.70	99.0
22	11.65	10.59	100.7
24	9.62	11.22	101.7
26	8.99	11.76	105.1
28	8.56	12.02	106.3
30	8.08	12.26	107.1
32	7.68	12.32	106.6
34	7.35	12.41	106.5
36	6.97	12.66	107.6
38	6.64	12.91	108.8
40	6.38	13.18	110.3
42	6.00	12.94	107.3
44	5.96	12.80	106.1
46	5.91	12.99	107.4

STATION 53 CRUISE 20  
 JULIAN DAY 256.03 ( 9/12/72 0:37)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.82	9.28	
8	19.62	9.99	154.7 100.9
10	15.36	9.96	100.5
12	19.22	9.93	99.5
14	17.28	8.69	93.3
16	13.13	9.13	89.8
18	10.26	9.81	90.4
20	8.81	10.51	93.5
22	7.79	10.91	94.6
24	7.92	11.25	95.7
26	6.45	11.56	96.9
28	5.98	11.72	97.1
30	5.50	11.98	98.0
32	5.15	12.19	98.5
34	4.76	12.45	100.0
36	4.55	12.48	99.6
38	4.45	12.63	100.5
40	4.36	12.60	100.8
50	4.54	13.23	101.2
60	3.89	12.99	151.7 104.3
76	3.81		

STATION 53 CRUISE 21  
 JULIAN DAY 262.21 ( 9/18/72 5: 1)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.08	9.15	99.8
8	17.95	9.17	99.8
10	17.75	9.03	97.8
12	17.27	9.09	97.5
14	16.11	9.03	94.7
16	13.93	9.23	92.4
18	11.25	9.71	91.5
20	9.19	10.29	92.3
22	8.10	10.58	92.4
24	7.37	10.93	93.7
26	6.48	11.27	94.6
28	6.12	11.52	95.8
30	5.67	11.62	95.5
32	5.31	11.64	54.85
34	5.03	11.88	96.1
36	4.76	12.19	97.9
38	4.51	12.48	99.6
40	4.28	12.68	100.5
50	3.78	12.95	101.4
60	3.73	12.96	101.3
76	3.67	12.67	98.9

STATION 5 4 CRUISE 14  
 JULIAN DAY 214.06 ( 8/ 1/72 1:20)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.61	9.59	106.5
8	17.15	9.71	104.0
10	14.65	10.10	101.3
12	10.61	10.27	95.3
14	8.80	10.95	57.3
16	7.25	11.23	96.1
18	6.29	11.67	97.4
20	5.56	11.98	98.2
22	5.17	12.08	98.1
24	4.95	12.30	99.4
25	4.41	12.39	99.9
28	4.87	12.47	100.4
30	4.80	12.49	100.4
32	4.77	12.53	100.6
34	4.77	12.66	101.6
36	4.71	12.69	101.7
38	4.67	12.73	102.0
40	4.67	12.75	102.2
50	4.52	12.93	103.4
60	4.55	13.36	106.7
76	4.46	13.45	107.2
100	4.33	13.70	108.8
126	4.20	13.54	107.1

STATION 54 CRUISE 16  
 JULIAN DAY 227.07 ( 8/14/72 1:35)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	16.65	9.55 5.82	108.2
	18.43		104.8
10	17.31	9.43	101.3
12	17.31	9.38	100.7
14	17.92	9.62	102.7
16	16.72	9.94	105.5
18	16.33	10.11	106.5
20	15.59	10.72	111.1
22		11.26	114.4
24	14.62 13.83	11.69	116.7
26	13.39	12.08	119.4
28	13.07	12.28	120.6
30	12.96	12.34	120.9
32			121.4
34	12.75 12.91	12.40 12.45	121.5
36			121.8
38	12.21 12.43	12.49 12.63	121.7
40	12.19	12.81	123.3
50	11.86	12.80	122.3
60	11.45	12.78	121.7
76	4.57	12.77	120.5
100			103.8
126	5.56	12.99 . 12.88	105.6

STATION 54 CRUISE 20  
 JULIAN DAY 255.29 ( 9/11/72 23:49)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	19.75 19.81	8.96	101.0
10		8.65	97.4
12	18.58 19.49	8.59	96.2
14		8.70	95.7
16	12.84 15.84	8.72	90.8
		9.20	89.9
18		9.78	90.1
20	13.27 9.14	10.22	91.6
22		10.71	93.5
24	8.07 7.31	11.09	95.0
26	6.73	11.41	96.4
30	6.25	11.56	96.4
32	5.94	11.84	
	5.49	12.14	99.3
34	5.23	12.37	100.5
36	4.97	12.48	100.8
38	4.75	12.60	101.2
40	4.66	12.83 <sup>6</sup>	101.3
50	4.29	12.93	101.7
60	4.07		102.0
76		13.07	102.7
100	3.93	12.96	101.6
126	3.85 3.79	12.51	98.0

STATION 54 CRUISE 21  
 JULIAN DAY 262.18 ( 9/18/72 4:12)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.30	5.10	99.6
8	18.10	9.10	100.7
10	18.20	9.23	101.0
12	18.25	9.12	99.8
14	18.14	8.87	96.9
16	17.89	9.03	98.1
18	17.54	8.88	95.8
20	16.53	9.77	92.8
22	11.95	9.70	92.9
24	9.37	10.41	93.9
26	8.74	10.56	93.8
28	7.83	10.89	94.6
30	7.16	11.12	95.0
32	6.67	11.33	95.5
34	6.10	11.63	96.7
36	5.66	11.87	97.6
38	5.38	11.96	97.6
45	5.18	12.13	98.5
50	4.22	12.70	100.5
60	3.96	12.89	101.4
76	3.82	12.99	101.8
100	3.73	13.23	103.4
126	3.61	13.24	103.2

STATION 54 CRUISE 27  
 JULIAN DAY 305.42 (10/31/72 9:59)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.96	10.78	96.3
8	8.95	10.77	96.1
10	8.94	10.77	96.1
12	8.92	10.80	96.3
14	8.90	10.83	96.5
16	8.84	10.84	96.5
18	8.78	10.85	96.5
20	8.67	10.86	95.2
22	8.53	10.90	96.3
24	8.39	10.93	96.2
26	8.11	10.95	95.8
28	7.85	10.98	95.4
30	7.60	11.01	95.3
32	7.47	11.07	95.3
34	7.21	11.11	95.3
36	7.33	11.12	94.7
38	7.01	11.14	54.8
40	6.62	11.19	94.2
50	5.46	11.46	93.7
60	4.47	11.78	91.4
76	3.72	12.26	95.8
100	3.66	11.98	93.4
126	3.60	11.79	51.3

STATION 55 CRUISE 14  
 JULIAN DAY 214.02 (8/1/72 0:29)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	22.13	9.51	111.7
8	21.68	9.53	111.1
10	20.71	9.59	109.9
12	19.14	9.76	108.5
14	16.71	10.04	106.6
16	13.87	10.47	104.6
18	11.56	10.95	102.7
20	8.55	11.38	100.6
22	7.15	11.73	100.2
24	6.23	11.97	100.0
26	5.67	12.12	99.6
28	5.45	12.25	103.1
30	5.30	12.37	100.7
32	5.23	12.37	100.6
34	5.15	12.52	101.6
36	5.12	12.59	102.1
38	5.04	12.68	102.6
40	4.99	12.74	103.0
50	4.84	13.43	108.0
60	4.77	13.35	107.1
76	4.62	13.49	108.0
100	4.42	13.92	110.8
126	4.26	13.65	108.2
150	4.21	13.28	105.1

STATION 55 CRUISE 16  
 JULIAN DAY 227.03 ( 8/14/72 0:37)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.60	10.46	115.1
8	18.53	10.44	114.8
10	18.26	10.43	114.1
12	17.80	10.31	111.8
14	16.41	10.22	107.9
16	15.08	10.29	105.6
18	13.66	10.53	104.7
20	12.50	10.74	104.2
22	11.80	10.85	103.5
24	10.92	10.94	102.3
26	10.01	11.14	102.0
28	9.20	11.32	101.6
30	8.48	11.51	101.5
32	7.45	11.76	101.2
34	6.84	11.94	101.1
36	6.43	12.12	101.6
38	6.10	12.22	101.6
40	5.82	12.41	102.4
50	5.57	12.40	101.6
60	5.21	12.55	102.0
76	5.07	12.73	103.1
100	4.96	12.91	104.2
126	4.85	13.00	104.7
150	4.78	12.88	103.4

STATION 55 CRUISE 20  
 JULIAN DAY 255.96 ( 9/11/72 23: 3)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.70	9.14	112.7
8	19.51	9.03	101.2
10	18.91	8.95	99.2
12	17.51	8.81	95.0
14	14.96	8.75	89.5
16	11.91	9.15	87.6
18	9.99	9.82	89.8
20	8.80	10.44	92.8
22	7.95	10.74	93.5
24	7.23	11.11	95.0
26	6.66	11.41	96.2
28	6.22	11.58	96.5
30	5.79	11.78	97.2
32	5.54	11.75	96.3
34	5.35	11.92	97.2
36	5.15	12.00	97.4
38	4.98	12.25	99.0
40	4.86	12.17	98.0
50	4.36	12.54	99.8
60	4.12	12.72	100.4
76	4.01	12.81	100.9
100	3.91	13.07	102.7
126	3.76	13.15	102.9
150	3.73	12.55	98.1

STATION 55 CRUISE 21  
 JULIAN DAY 262.14 (09/18/72 3:15)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.50	9.27	102.2
8	18.60	9.19	101.5
10	18.67	9.20	101.5
12	18.63	5.21	101.5
14	18.57	8.91	48.0
16	18.46	8.85	57.2
18	17.75	8.67	53.5
20	14.95	8.68	88.8
22	11.01	9.41	88.2
24	9.06	10.35	92.6
26	7.81	10.85	94.2
28	7.10	11.07	94.3
30	6.56	11.49	96.6
32	6.13	11.88	98.8
34	5.83	11.99	99.0
36	5.57	12.16	99.7
38	5.38	12.25	100.3
40	5.12	12.41	100.6
50	4.27	13.20	104.7
60	4.04	12.92	101.8
76	3.86	13.14	103.1
100	3.75	13.32	104.2
126	3.64	13.32	103.9
150	3.58	13.04	101.5

STATION 55 CRUISE 24  
 JULIAN DAY 284.24 (10/10/72 5:42)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	11.88	10.69	102.2
8	11.90	10.60	101.4
10	11.89	10.57	101.1
12	11.90	10.58	101.2
14	11.85	10.58	101.1
16	11.85	10.53	100.6
18	11.82	10.52	100.5
20	11.75	10.53	100.4
22	11.73	10.51	100.2
24	11.66	10.48	99.7
26	11.64	10.46	99.5
28	11.64	10.45	99.4
30	11.60	10.48	99.5
32	11.53	10.53	99.8
34	11.12	10.65	100.1
36	10.16	10.87	99.8
38	8.86	11.17	99.5
40	7.72	11.52	95.7
50	4.88	12.44	100.2
60	3.96	12.96	111.3
76	3.73	13.08	102.2
100	3.60	13.21	102.9
126	3.52	13.07	101.6
150	3.50	11.60	90.2



STATION 56 CRUISE 14  
 JULIAN DAY 213.93 ( 7/31/72 23:45)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	22.33	8.72	102.8
a	22.25	8.83	103.9
10	22.20	8.96	105.4
12	21.86	9.03	105.6
14	20.78	9.15	105.0
16	18.78	9.53	105.9
18	15.35	9.85	103.0
20	13.66	10.04	100.3
22	9.96	10.50	96.0
24	7.28	11.06	94.7
26	6.86	11.31	95.7
28	6.47	11.46	96.1
30	6.24	11.59	96.7
32	5.98	11.75	97.4
34	5.76	11.92	98.2
36	5.66	12.14	93.7
38	5.56	12.21	100.0
40	5.48	12.20	100.6
50	5.07	12.64	102.4
60	4.80	12.95	104.1
76	4.59	13.25	105.9
100	4.37	13.61	108.1
126	4.36 4.25	13.34	105.7

STATION 56 CRUISE 16  
 JULIAN DAY 226.97 ( 8/13/72 23:23)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.36	9.43	103.4
8	18.36	9.67	106.0
10	18.38	9.72	106.6
12	18.33	9.71	106.4
14	18.03	9.88	107.7
16	16.91	9.67	103.1
a	15.69	9.86	151.2
20	13.46	10.22	101.2
22	12.95	10.49	102.7
24	12.29	11.09	104.1
26	11.64	11.30	105.5
28	10.91	11.30	105.7
30	10.52	11.39	105.5
32	10.40	11.34	104.8
34	9.99	11.26	103.1
36	8.36	11.40	100.3
38	7.65	11.73	99.9
40	6.39	11.90	99.6
50	4.99	12.56	101.5
60	4.35	12.92	102.7
76	4.12	13.20	104.2
100	4.01	13.41	105.6

STATION 56 CRUISE 2n  
 JULIAN DAY 255.92 ( 9/11/72 22: 8)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.83	8.82	99.5
8	19.78	8.64	97.3
10	19.14	8.72	97.0
12	16.72	8.64	91.7
14	14.64	8.81	89.5
16	12.21	8.99	86.6
18	10.61	9.26	86.0
20	9.51	9.69	87.7
22	8.31	10.03	88.1
24	7.64	10.53	91.9
26	7.07	10.72	91.3
28	6.38	11.00	92.0
30	6.01	11.26	93.4
32	5.65	11.54	94.8
34	5.37	11.72	95.6
36	5.13	12.12	98.2
38	4.93	12.13	97.8
40	4.82	12.22	98.3
50	4.34	12.64	100.4
60	4.09	12.87	101.5
76	3.91	13.07	102.6
100	3.78	13.03	102.3

STATION 56 CRUISE 2 1  
 JULIAN DAY 262.59 ( 9/18/72 2:16)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.51	9.70	106.6
8	18.38	9.23	101.2
10	18.20	9.21	100.7
12	18.05	9.11	99.4
14	17.67	9.06	98.2
16	15.72	8.95	93.1
18	12.15	9.07	97.3
20	9.65	9.77	98.7
22	8.52	10.12	89.4
24	7.53	10.39	99.6
26	6.76	10.76	90.9
28	6.23	11.11	92.7
30	5.94	11.29	93.5
32	5.65	11.57	95.1
34	5.32	11.79	96.1
36	5.02	11.80	95.5
38	4.82	12.00	96.6
40	4.64	12.29	98.4
50	4.18	12.68	100.3
60	3.86	12.85	100.8
76	3.73	13.32	101.8
100	3.63	12.81	99.9

STATION 56 CRUISE 22  
 JULIAN DAY 268.71 ( 9/24/72 16:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.19	9.39	100.6
8	17.12	9.41	100.6
10	17.05	9.44	100.8
12	16.75	9.51	101.1
14	14.39	9.54	95.8
18	9.49	10.07	98.9
20	6.37 7.29	10.82	92.7
		11.41	55.5
22	5.97	11.77	97.5
24	5.76	11.91	98.1
26	5.69	11.97	98.4
28	5.54	12.04	98.6
32	5.37	12.14	99.0
34	5.29 5.28	12.17	99.0
		12.22	99.3
36	5.07	12.31	99.7
38	4.93	12.35	59.7
40	4.84	12.45	100.2
	4.39	12.72	101.1
60	4.12	12.82	101.3
76	3.89	13.03	102.3

STATION 56 CRUISE 24  
 JULIAN DAY 284.20 (10/10/72 4:44)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.10	10.50	100.9
		10.51	101.0
10	12.10	10.50	100.9
12	12.09 12.09	10.50 10.49	100.8
14	12.09	10.49	100.8
16	12.10	10.48	100.7
18	12.09	10.49	100.8
20	12.09	10.49	100.8
22	12.09	10.48	100.7
24	12.10	10.50	100.9
28	12.10	10.50	100.9
30	12.10	10.48	100.7
32	12.09	10.46	100.5
34	12.10	10.46	100.5
38	12.09 12.07	10.42	100.1
40	12.04 12.03	10.40	99.7 99.8
50	11.04	10.39	97.0
60	8.48	10.48	92.4
76	5.46	11.19	91.5
100	4.02	11.28	88.9

STATION 56 CRUISE 27  
 JULIAN DAY 335.50 (10/31/72 12:00)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.67	10.84	96.1
8	8.66	10.79	95.6
10	8.65	10.81	95.8
12	8.67	10.86	96.3
14	8.68	10.90	96.6
16	8.66	10.91	96.7
18	8.66	10.91	96.7
20	8.66	10.90	96.6
22	8.64	10.91	96.6
24	8.62	10.91	96.5
26	8.43	10.92	96.2
28	8.30	10.92	95.9
30	8.27	10.93	96.0
32	8.14	10.99	96.1
34	8.01	11.05	96.3
36	7.93	11.06	96.3
38	7.74	11.09	96.0
40	7.58	11.12	96.7
50	6.37	11.30	94.6
60	5.33	11.54	94.0
76	4.10	11.78	93.0
100	3.59	11.53	89.8

STATION 57 CRUISE 10  
 JULIAN DAY 186.65 (7/4/72 16:33)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	6.92	11.35	55.9
8	5.99	11.94	59.3
10	5.48	12.18	99.6
12	4.89	12.40	99.9
14	4.39	12.55	99.8
16	4.15	12.81	101.3
18	4.04	12.81	101.0
20	3.93	12.87	101.1
22	3.86	12.91	101.3
24	3.81	12.90	101.0
26	3.67	12.91	100.7
28	3.55	12.96	100.8
30	3.45	12.94	100.4
32	3.37	12.97	100.4
34	3.33	12.93	100.0
36	3.29	12.92	99.8
38	3.24	12.93	99.7
40	3.20	12.94	99.7
50	3.00	12.92	99.0
60	2.89	12.87	58.3
76	2.85	12.77	97.4

STATION 57 CRUISE 14  
 JULIAN DAY 213.97 ( 7/31/72 23:18)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	23.55	8.32	100.0
8	23.28	8.28	99.2
12	22.74	8.31	98.6
14	21.18	8.39	97.0
16	18.85	8.60	95.2
18	15.74	8.97	93.3
22	13.53	9.44	93.6
24	10.44	9.84	91.0
26	8.70	10.22	90.6
28	7.43	10.54	90.6
30	6.70	10.86	91.6
32	6.27	11.15	93.1
34	5.88	11.48	94.9
36	5.66	11.77	96.7
38	5.47	11.91	97.4
40	5.33	12.09	98.5
42	5.22	12.22	99.3
44	5.13	12.37	100.3
46	4.82	12.83	103.2
48	4.60	13.06	104.5
50	4.28	13.11	103.9
52	4.13	13.25	104.6

STATION 57 CRUISE 16  
 JULIAN DAY 226.95 ( 8/13/72 22:52)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.87	8.86	98.1
8	18.86	8.63	95.5
10	18.83	8.70	96.3
12	18.80	8.69	96.1
14	18.76	8.61	95.1
16	18.64	8.75	96.4
18	18.35	8.78	96.3
20	16.51	8.96	94.8
22	13.63	9.40	93.4
24	10.82	9.53	89.0
26	8.43	10.27	90.5
28	7.70	10.72	92.8
30	7.05	11.19	95.3
32	6.52	11.55	97.1
34	6.11	11.83	98.3
36	5.85	11.98	99.0
38	5.64	12.16	99.9
40	5.46	12.25	100.1
42	4.63	12.97	103.3
44	4.08	12.97	102.3
46	4.01	12.90	101.6
48	4.02	12.10	95.3

STATION 57 CRUISE 20  
 JULIAN DAY 255.91 ( 9/11/72 21:45)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	23.87	9.84	102.4
8	19.93	8.97	101.3
10	19.82	8.90	100.3
12	19.41	8.98	100.4
14	18.78	8.86	97.0
16	14.38	8.85	89.4
18	10.69	9.50	89.4
20	9.13	10.05	95.1
22	7.74	10.46	90.6
24	6.65	10.96	92.4
26	6.24	11.12	92.8
28	5.99	11.19	92.8
30	5.71	11.51	94.7
32	5.46	11.70	95.6
34	5.25	11.83	95.1
36	4.99	11.93	96.4
38	4.85	12.08	97.3
40	4.69	12.14	97.3
42	4.13	12.62	99.6
60	3.89	12.86	100.5
76	3.82	12.84	100.6
100	3.72	12.32	96.3

STATION 57 CRUISE 21  
 JULIAN DAY 262.07 ( 9/18/72 1:46)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.56	9.30	102.3
8	18.46	8.83	97.0
10	18.35	8.89	97.5
12	18.28	8.93	97.8
14	18.15	8.89	97.1
16	17.50	8.88	95.6
18	14.72	8.42	85.7
20	11.67	8.91	84.8
22	9.74	9.86	89.7
24	8.55	10.11	89.3
26	7.65	10.40	89.9
28	6.80	10.81	91.4
30	6.69	11.18	92.9
32	5.59	11.47	94.1
34	5.24	11.91	96.8
36	4.92	12.04	97.1
38	4.69	12.29	98.5
40	4.56	12.51	99.9
50	4.06	12.88	101.6
60	3.82	13.23	103.6
76	3.70	13.47	105.2
100	3.65	12.63	93.9

STATION 57 CRUISE 22  
 JULIAN DAY 268.63 ( 9/24/72 16:30)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	17.15	9.19	98.3
12	17.09	9.72	96.5
14	16.89	8.94	95.2
16	16.54	9.00	95.2
18	15.20	8.82	90.7
	11.59	9.16	87.0
	8.82	9.79	87.1
20	7.99	10.14	88.3
22	7.29	10.47	89.7
24	6.70	10.71	90.4
26	6.19	10.88	90.6
30	6.02	11.11 10.98	91.1
	5.84		91.8
	5.69		92.3
32		11.23 11.00	92.6
34	5.56 5.20	11.30 11.56	93.8
38	4.96	11.80	95.3
40	4.54	11.90	95.8
60		12.32	98.7
76	3.72 3.97	12.55	98.5
		12.47	97.5
100	3.66	12.55	97.3

STATION 57 CRUISE 24  
 JULIAN DAY 284.13 (10/10/72 4:18)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.29		101.5
8	12.23	10.52 10.53	101.5
		10.51	101.2
12	12.16	10.51	100.9
14	12.11	10.51	101.0
16		10.49	100.8
18	12.10 12.00		100.6
20	12.10 12.07	10.47 10.47	100.5
22		13.46	100.3
24	12.03		100.3
26	12.02 12.02	10.45 10.44	100.1
28		10.43	100.1
32	12.32	10.42	49.9
34	11.95	10.40	99.6
	11.66	10.40	99.0
36	11.51	10.41	98.6
38	11.42	10.42	48.5
40	11.40	10.38	98.2
50		10.39	98.0
76	11.34	10.36	92.4
100	8.83 5.31 3.80	11.20 10.92	88.9
			87.7

STATION 58 CRUISE 14  
 JULIAN DAY 213.95 ( 7/31/72 22:50)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	24.10	8.33	101.1
8	23.68	8.36	100.8
10	23.05	8.41	100.4
12	20.18	8.56	97.2
14	16.79	9.11	96.8
16	12.14	9.75	93.8
18	8.57	10.23	90.5
20	7.69	10.52	91.0
22	7.10	10.78	91.9
24	6.64	11.01	92.8
26	6.27	11.25	93.8
28	5.73	11.46	94.3
30	5.37	11.78	96.1
32	5.12	11.94	96.8
34	4.94	12.08	97.5
36	4.75	12.19	97.8
38	4.54	12.26	97.9
40	4.33	12.32	97.8

STATION 58 CRUISE 16  
 JULIAN DAY 225.91 ( 8/13/72 21:50)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.19	8.98	100.0
8	19.19	8.88	98.9
10	19.19	8.82	98.3
12	19.18	8.79	97.9
14	19.19	8.91	99.3
16	19.18	8.95	99.5
18	19.17	9.05	100.7
20	19.12	9.02	100.3
22	18.95	8.98	99.5
24	17.86	8.90	96.5
26	13.98	9.24	92.5
28	9.80	10.17	92.7
30	8.02	10.64	92.8
32	7.13	11.05	94.2
34	6.42	11.36	95.2
36	6.00	11.46	95.5
38	5.85	11.46	95.5
40	5.72	11.45	95.5
50	5.53	11.50	93.1



STATION 58 CRUISE 20  
 JULIAN DAY 255.89 ( 9/11/72 21:17)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.57	8.57	98.0
8	20.42	8.47	96.7
10	20.29	8.59	97.7
12	19.39	8.59	96.0
14	16.94	8.61	91.8
16	12.66	8.89	86.5
18	10.30	9.34	86.1
20	8.99	9.72	86.9
22	7.86	10.08	87.5
24	6.85	10.46	88.6
26	6.15	10.73	89.3
28	5.74	10.99	90.5
30	5.50	11.06	90.5
32	5.22	11.17	90.5
34	5.00	11.21	90.6
36	4.80	11.13	69.4
38	4.54	11.19	89.3
40	4.35	11.29	89.7
50	4.12	11.17	88.2

STATION 58 CRUISE 21  
 JULIAN DAY 262.06 ( 9/18/72 1:23)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.06	8.88	98.6
8	19.05	8.91	99.0
10	19.04	8.80	97.7
12	19.02	8.83	98.0
14	18.99	8.84	98.1
16	18.88	8.75	96.9
18	18.47	8.57	94.1
20	17.93	8.57	93.2
22	16.77	8.69	92.3
24	14.48	8.68	87.9
26	12.05	9.09	87.2
28	9.04	9.72	87.0
30	7.33	10.25	87.9
32	6.48	11.05	92.8
34	5.89	11.34	93.8
36	5.41		95.1
38	5.05	11.64	99.0
40	4.81	12.24	97.7
50	3.92	12.80	100.5

STATION 58 CRUISE 22  
 JULIAN DAY 268.67 ( 9/24/72 16: 3)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	16.54	9.12	96.5
8	14.71	9.51	96.8
10	12.62	9.69	94.2
12	10.45	5.35	92.1
14	8.49	11.62	93.5
16	7.20	10.46	89.4
18	6.72	10.78	91.0
20	6.31	11.17	53.4
22	5.96	11.43	94.7
24	5.60	11.70	96.7
26	5.25	12.08	38.2
28	4.98	12.15	96.1
30	4.72	12.22	98.1
32	4.53	12.43	99.7
34	4.25	12.80	101.4
36	4.57	12.71	100.2
38	3.92	12.77	100.4
40	3.89	12.67	99.2
50	3.70	12.35	96.5

STATION 58 CRUISE 24  
 JULIAN DAY 284.16 (10/10/72 3:53)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.52	9.91	98.3
8	13.50	9.91	98.2
10	13.50	9.91	98.2
12	13.48	9.91	98.2
14	13.30	9.93	98.1
16	13.11	9.96	97.9
18	12.98	9.99	97.9
20	12.87	10.00	97.7
22	12.72	10.02	97.6
24	12.51	10.03	97.3
26	12.36	10.05	97.2
28	12.31	10.06	97.1
30	12.29	10.06	97.0
32	12.24	10.05	96.9
34	12.16	10.05	96.7
36	12.05	10.04	96.3
38	11.99	10.02	96.1
40	11.86	10.02	95.8
50	11.42	10.22	96.7

STATION 59 CRUISE 19  
 JULIAN DAY 213.94 ( 7/31/72 22:29)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	24.01	8.60	104.2
8	23.75	8.69	104.9
10	22.47	8.62	101.9
12	20.07	8.59	97.3
14	13.71	9.19	91.5
16	9.19	9.82	88.1
18	7.60	10.25	88.5
20	6.56	10.51	88.6
22	6.16	11.05	92.0
24	5.67	11.19	92.0
26	5.50	11.72	95.9
28	5.03	11.70	94.7

STATION 59 CRUISE 16  
 JULIAN DAY 226.89 ( R/13/72 21:26)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.39	8.93	99.6
8	19.38	8.95	100.0
12	19.38	8.87	99.1
14	19.38	8.88	98.3
16	19.19		98.8
18	18.95	6.77	97.7
		8.62	95.6
25	17.92	8.50	92.4
22	14.33	6.73	91.5
26	12.57	9.41	94.4
28	11.23	9.47	91.9
		10.23	96.3

STATION 59 CRUISE 20  
 JULIAN DAY 255.87 (9/11/72 20:58)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.44	8.28	94.5
8	20.13	8.09	91.8
10	19.83	8.45	95.3
12	17.84	8.68	94.2
14	13.82	8.90	88.9
16		9.26	85.4
18	10.23	9.62	85.3
20	9.14	10.76	87.9
22	7.05	10.55	89.8
	6.14	11.22	93.4
26	5.81	11.13	91.6
28	5.60	11.22	92.1
30	5.38		92.8
	5.37	11.37	92.1
32	5.37	11.29	93.1
		11.41	

STATION c c CRUISE 21  
 JULIAN DAY 262.15 ( 9/18/72 1: 7)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.08	8.71	96.6
8	19.02	8.67	96.2
10	18.95	8.58	95.1
12	18.91	8.49	94.1
14	18.86	8.32	92.1
16	18.68	8.22	90.6
18	18.50	8.47	93.8
20	18.05	8.65	94.3
22	17.46	8.68	93.4
24	16.86	6.58	91.3

STATION 59 CRUISE 2 2  
 JULIAN DAY 268.66 ( 9/24/72 15:45)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	16.67 5.33	9.81	104.1
10		9.54	98.4
12	13.05	9.58	94.8
14		10.43	92.7 92.4
16	18.64	10.56	91.5
18	7.75	10.36	92.1
20	7.25	10.80	91.7
22	6.90	10.97	91.8
24	6.36	11.19	93.7
26	6.60	11.90	96.1
28	5.84		
30	4.96		

STATION 59 CRUISE 24  
 JULIAN DAY 284.14 (10/10/72 3:18)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.73	9.71	96.6
8	13.70	9.70	96.6
10	13.69	9.73	96.8
12	13.70	9.71	96.7
14	13.71	9.73	96.8
16	13.69	9.74	96.9
20	13.71	9.74	97.0
22	13.71	9.76	97.1
24	13.64	9.75	96.9
26	13.64	9.72	96.6
28	13.49	9.73	96.1
30	13.20	9.72	95.7
32	13.06	9.75	95.7
34	13.37	9.75	95.6
36	12.94	9.75	95.5
38	12.86	9.74	95.2
40	12.83	5.73	95.0

STATION 59 CRUISE 27  
 JULIAN DAY 375.56 (10/31/72 13:26)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.52	10.75	96.1
10	9.52	10.73	95.9
12	6.99 9.63	10.70	95.7
		10.67	95.3
14	A.55	10.65	95.0
16	8.87	10.63	94.7
16	8.78	10.65	94.7
20	8.52	10.69	94.4
22		10.82	94.6
24	8.14 7.90	10.84	94.3
26	7.67	11.02	95.3

STATION 60 CRUISE 14  
 JULIAN DAY 215.72 ( 8/ 2/72 17:13)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.39	7.80	91.4
8	21.12	7.73	89.2
10	20.83	7.72	88.6
12	19.94	7.69	86.9
14	17.83	7.68	83.4
16	16.71	7.81	82.9

STATION 61 CRUISE 16  
 JULIAN DAY 228.76 ( 8/15/72 18: 9)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.05	8.65	94.3
8	17.32	8.38	89.9
10	16.54	8.47	89.6
12	14.90	8.95	91.5
14	13.34	9.43	92.5

STATION 60 CRUISE 21  
 JULIAN DAY 263.73 ( 9/19/72 17:34)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.15	8.78	95.9
8	18.08	8.78	95.8
10	17.93	8.70	94.6
12	17.68	8.48	91.8
14	17.53	R.33	R9.3

STATION 60 CRUISE 27  
 JULIAN DAY 305.02 2 (11/31/72 0:23)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	9.45	10.40	93.9
10	9.40	10.49	94.8
12	9.40	10.50	94.6

STATION 60 CRUISE 28  
 JULIAN DAY 312.55 (11/ 7/72 13:13)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.81	10.55	93.9
8	8.81	10.59	94.2
10	8.81	10.59	94.2
12	8.77	10.54	93.6
14	8.64	10.55	93.5
16	8.72	10.55	93.6
18	8.47	10.49	92.5

STATION 61 CRUISE 14  
 JULIAN DAY 215.68 ( 8/ 2/72 16:23)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	22.10	8.22	96.6
8	22.07	8.21	96.4
10	22.00	8.18	95.9
12	21.93	8.23	96.4
14	21.46	8.20	95.1
16	20.56	8.25	94.3
18	18.88	8.43	93.4
20	16.13	8.65	90.7
22	12.85	9.30	90.9
24	9.47	9.80	88.5
26	7.58	10.30	88.9
28	6.41	11.67	89.4
30	5.66	15.33	90.4
32	5.60	11.15	91.5
34	5.42	11.30	92.3
36	5.34	11.43	93.2
38	5.18	11.57	94.0
40	5.06	11.73	95.0
50	4.61	12.05	96.4
61	4.36	12.37	98.3
76	4.09	12.38	97.7
100	3.99	12.51	98.4

STATION 61 CRUISE 16  
 JULIAN DAY 228.72 ( 8/15/72 17:19)

DEPTH (M)	TEMPERATURE (C)	D O (MG/L)	PERCENT SATURATION
6	18.93	12.18	135.0
8	18.55	12.67	139.4
10	18.09	13.28	144.9
12	17.48	11.87	127.9
14	16.66	9.54	111.1
16	15.56	9.59	94.2
18	14.57	9.20	93.4
20	13.58	5.64	95.8
22	12.79	10.25	98.1
24	12.14	10.34	99.5
26	11.36	10.63	100.5
28	10.99	13.77	100.6
30	10.29	10.77	99.3
32	9.52	10.80	97.7
34	8.87	11.10	96.9
36	6.87	11.39	96.5
38	6.39	11.71	98.1
40	5.99	11.81	97.9
50	4.91	12.40	100.9
60	4.53	12.62	100.7
76	4.27	12.81	101.6
100	4.10	12.30	101.8

STATION 61 CRUISE 19  
 JULIAN DAY 250.47 ( 9/ 6/72 11:21)

DEPTH (M)	TEMPERATURE (C)	D O (MG/L)	PERCENT SATURATION
6	20.80	8.62	98.8
8	20.80	8.60	98.8
10	20.80		98.8
12	20.74	8.59	98.4
14	20.57	8.52	97.3
16	19.91	8.35	94.3
18	17.36	8.19	88.0
20	14.63	7.98	81.1
22	12.18	8.91	85.8
24	10.25	9.46	87.1
26	8.49	10.62	88.4
28	7.62	10.53	89.6
30	6.16	10.95	91.2
32	5.61		96.7
34	5.27	11.78	96.4
36	5.08	12.07	96.7
38	4.83	12.31	97.892
40	4.75	12.38	99.4
50	4.36	12.63	99.1
60	4.12	12.89	99.7
76	3.89	13.04	101.2
100	3.75	13.07	102.3
126	3.71	12.29	96.0

STATION 61 CRUISE 21  
 JULIAN DAY 263.70 ( 9/19/72 16:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.53	8.78	96.6
8	18.52	8.76	96.3
10	18.48	8.76	96.3
12	18.44	8.69	95.4
14	18.40	8.50	93.3
16	18.00	8.65	94.2
18	15.69	8.41	87.4
20	11.58	8.94	84.9
22	9.61	9.46	85.8
24	8.28	10.02	88.0
26	7.19	11.08	94.7
28	6.58	11.47	96.5
30	6.00	11.61	96.3
32	5.44	12.01	98.1
34	5.03	12.47	100.8
36	4.77	12.58	101.1
38	4.65	12.90	103.3
40	4.55	12.76	101.9
50	4.11	13.00	102.7
60	3.88	13.31	104.4
76	3.67	13.39	104.5
100	3.61	13.38	104.2

STATION 61 CRUISE 22  
 JULIAN DAY 279.34 ( 9/26/72 8: 5)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.50	9.07	97.7
8	17.52	9.22	99.4
10	17.48	9.28	100.0
12	17.41	9.26	99.6
14	17.23	9.19	98.5
16	16.44	9.14	96.5
18	13.32	9.37	92.5
20	9.10	10.13	90.7
22	7.31	10.64	91.2
24	6.57	11.01	92.6
26	5.83	11.42	94.2
28	5.28	11.74	95.5
30	5.01	11.95	96.6
32	4.81	12.05	96.9
34	4.69	12.16	97.4
36	4.58	12.25	97.9
38	4.48	12.32	98.2
40	4.38	12.40	98.6
50	4.00	12.63	99.4
60	3.87	12.79	100.4
76	3.72	12.95	101.2
100	3.65	12.69	99.0



STATION 61 CRUISE 28  
 JULIAN DAY 312.52 (11/ 7/72 12:32)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.56	10.64	94.0
8	8.55	10.59	93.6
10	8.56	10.61	93.6
12	8.55	10.57	93.4
14	8.49	10.61	93.6
16	8.44	10.58	93.2
18	8.37	10.60	93.3
20	8.32	10.57	92.8
22	8.26	10.58	92.8
24	8.31	10.55	92.7
26	8.31	10.58	92.9
28	8.37	10.54	92.6
30	8.29	10.51	92.3
32	8.26	10.52	92.3
34	8.24	10.57	92.7
36	8.23	10.56	92.6
38	8.22	10.55	92.5
40	8.22	10.56	92.6
50	7.31	10.58	90.7
60	5.97	10.71	PA.?
76	4.39	10.73	85.3
100	3.85	10.61	63.2

STATION 62 CRUISE 14  
 JULIAN DAY 215.65 ( 8/ 2/72 15:31)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.42	8.46	98.2
8	21.41	8.55	99.2
10	21.32	8.59	99.5
12	20.76	8.52	97.7
14	19.05	8.54	94.9
16	16.01	8.89	93.0
18	12.05	9.45	90.7
20	9.25	10.16	91.3
22	6.83	10.68	90.5
24	5.42	11.22	91.6
26	5.05	11.41	92.4
28	4.84	11.51	92.6
30	4.63	11.65	93.2
32	4.55	11.80	94.2
34	4.43	11.94	95.1
36	4.38	12.01	95.5
38	4.32	12.04	95.6
40	4.27	12.14	96.2
50	4.20	12.21	96.6
60	4.16	12.31	97.3
76	4.12	12.62	99.6
100	4.05	12.71	100.2
126	4.00	12.86	101.2

STATION 62 CRUISE 16  
 JULIAN DAY 229.68 ( 8/15/72 16:23)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
5	18.92	9.27	102.8
a	18.52	9.22	101.7
10	18.30	9.54	104.0
12	17.31	9.99	107.2
14	16.19	13.13	106.4
16	14.77	11.36	102.5
18	13.33	9.82	97.1
20	12.32	9.41	90.6
22	10.96	9.46	88.6
24	9.43	9.92	89.5
26	8.45	10.47	92.3
28	7.11	11.00	93.6
30	6.13	11.34	94.3
32	5.50	11.64	95.2
34	5.22	11.86	96.4
36	5.04	11.95	96.7
38	4.96	11.97	96.7
40	4.86	12.04	96.9
50	4.70	11.96	95.9
60	4.47	12.27	97.8
76	4.24	12.65	100.2
100	4.10	12.72	100.4
126	4.05	12.88	101.5
150	3.98	12.76	100.4

STATION 62 CRUISE 19  
 JULIAN DAY 250.44 ( 9/6/72 10:26)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.20	8.72	54.3
8	20.21	8.77	99.5
10	20.18	8.74	99.1
12	20.14	8.69	98.5
14	20.05	8.56	96.9
16	19.35	8.27	92.3
18	15.46	8.37	86.6
22	11.45	9.22	87.3
24	10.21	9.96	91.7
26	9.62	10.34	93.8
28	8.94	10.53	94.0
30	8.28	10.82	95.0
32	7.60	11.00	94.9
34	7.18	11.25	96.1
36	6.71	11.46	96.7
38	6.18	11.65	97.1
40	5.94	11.67	96.8
50	5.69	11.87	97.6
55	4.94	12.24	98.8
60	4.46	12.47	99.3
76	4.02	12.70	100.7
100	3.80	12.96	101.1
126	3.71	12.89	101.7
150	3.68	12.57	98.1

STATION 62 CRUISE 21  
 JULIAN DAY 263.67 (9/19/72 16:2)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.93	8.92	97.0
8	17.92	8.89	96.6
10	17.90	8.88	96.5
12	17.89	8.86	96.3
14	17.86	8.81	95.6
16	17.70	8.65	93.6
18	16.71	8.56	90.8
20	12.64	8.52	82.9
22	10.04	9.40	86.2
24	8.38	10.31	90.7
26	7.30	10.85	93.0
28	6.69	11.35	95.7
30	6.40	11.71	98.1
32	6.16	11.75	97.8
34	5.86	11.93	98.6
36	5.60	11.95	98.3
38	5.39	12.15	99.2
40	5.24	12.31	100.1
42	4.56	12.64	100.9
60	4.23	12.84	101.7
76	3.94	13.03	102.4
100	3.76	13.36	104.5
126	3.64	13.32	103.9
150	3.57	12.56	97.7

STATION 62 CRUISE 22  
 JULIAN DAY 270.30 (9/26/72 7:10)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			101.4
10	17.48	9.43	101.5
12	17.40	9.44	101.5
14	17.19		100.9
16	16.60	9.22	97.6
18	15.75	9.08	94.4
20	14.64	9.02	91.6
22	12.73	9.18	89.5
24	10.65	9.49	88.2
26	7.57	9.88	87.6
28	6.76	10.29	88.6
30	6.10	10.74	90.8
32	6.25	11.15	93.0
34	5.89	11.45	94.6
36	5.59	11.68	95.8
38	5.41	11.98	
40	5.12	12.07	97.6
60	4.90	12.53	98.1
76	4.33	12.83	99.5
100	3.90	13.57	102.7
126	3.71	13.23	103.3
150	3.61	13.23	103.1
150	3.59	12.75	99.3

STATION 52 CRUISE 27  
 JULIAN DAY 305.07 (10/31/72 1:43)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.38	10.57	95.3
8	9.38	10.55	95.1
10	9.35	10.52	94.7
12	9.34	10.61	95.6
14	9.33	10.65	95.9
16	9.34	10.61	95.6
18	9.34	10.57	95.2
20	9.35	10.56	45.1
22	9.37	10.47	94.2
24	9.29	10.45	94.9
26	9.37	10.55	94.9
28	9.31	10.61	95.5
30	9.25	10.63	95.6
32	9.21	10.72	96.3
34	9.20	10.73	96.4
36	9.18	10.73	96.3
38	9.14	10.72	96.1
40	9.12	10.72	96.0
50	8.23	10.80	94.7
60	7.19	11.08	94.6
76	4.99	11.90	96.2
100	3.95	12.40	97.5
126	3.55	12.32	55.8

STATION 6 2 CRUISE 28  
 JULIAN DAY 312.47 (11/7/72 11:15)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.74	10.75	95.5
8	8.74	10.90	96.8
10	8.74	10.95	97.2
12	8.72	11.00	97.6
14	8.69	11.02	97.7
16	8.67	11.08	98.2
18	8.64	11.08	98.1
20	8.59	11.02	97.5
22	8.59	11.02	97.4
24	8.50	11.03	97.4
26	8.48	11.52 11.03	97.2
28	8.48	11.01	97.1
30	8.58	11.00	96.9
32	8.30	11.00	96.6
34	8.28	10.97	96.3
36	8.26	10.97	96.3
38	8.20	10.94	96.0
40	8.06	10.88	95.1
50	4.42	11.36 11.00	93.0 93.2
100	3.71	11.63 11.78	92.1 92.6
126	3.50	11.68	90.8

STATION 63 CRUISE 8  
 JULIAN DAY 173.97 ( 6/21/72 23:23)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	7.22	13.71	117.2
8	7.23	13.74	117.4
10	7.10	13.93	117.6
12	6.84	13.79	116.8
14	6.39	13.71	114.8
16	5.63	13.60	111.7
18	4.50	13.60	108.5
20	4.05	13.60	107.2
22	3.89	13.57	106.6
24	3.78	13.56	106.1
26	3.71	13.55	105.9
28	3.70	13.52	105.6
30	3.68	13.50	105.4
32	3.68	13.49	105.3
34	3.67	13.49	105.3
36	3.65	13.47	105.1
38	3.65	13.45	104.9
40	3.65	13.45	104.9
50	3.65	13.44	104.9
60	3.63	13.43	104.7
76	3.61	13.42	104.6
100	3.59	13.45	104.7
126	3.51	13.54	105.2

STATION 63 CRUISE 14  
 JULIAN DAY 215.62 ( 8/ 2/72 14:47)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.55	8.63	48.6
8	20.44	8.73	99.5
10	20.05	8.86	100.3
12	18.39	9.07	99.5
16	11.56	9.62	98.4
18	9.05	10.20	96.9
20	7.00	10.63	95.1
22	7.38	10.94	93.9
24	6.38 5.74	11.12 11.27	92.8
26	5.34	11.44	93.2
28	5.02	11.54	93.4
30	4.78	11.65	93.6
32	4.59	11.72	93.7
34	4.51	11.79	94.0
36	4.48	11.81	94.1
38	4.44	11.87	94.5
40	4.41	11.90	94.7
60	4.32	12.03	95.5
76	4.25	12.19	96.6
	4.20	12.36	97.8
100	4.11	12.58	99.4
126	4.52	12.94	101.9

STATION 63 CRUISE 16  
 JULIAN DAY 228.65 ( 8/15/72 15:30)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	15.42	10.76	111.2
8	15.22	10.59	108.9
10	14.99	10.48	107.3
12	14.71	10.43	106.2
14	14.43	10.35	104.6
16	14.01	10.21	102.3
18	12.84	9.84	96.2
20	10.88	10.61	93.5
22	8.69	10.72	95.1
24	7.57	11.25	97.0
26	6.81	11.89	100.6
28	6.36	12.06	100.9
30	6.10	12.22	101.6
32	5.92	12.28	101.6
34	5.74	12.43	102.3
36	5.63	12.43	102.1
38	5.56	12.50	102.4
40	5.50	12.46	102.0
50	5.12	12.73	103.2
60	4.78	12.56	101.3
76	4.55	12.58	100.5
100	4.21	12.77	101.1
126	4.38	12.69	100.2

STATION 63 CRUISE 19  
 JULIAN DAY 250.40 ( 9/ 6/72 9:36)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.12	8.42	95.4
8	20.11	8.58	97.2
10	20.06	8.61	97.5
12	19.84	8.56	96.6
16	18.83	8.15	50.1
18	15.18	8.43	86.7
		9.33	88.3
20	11.44	9.80	40.4
22	10.31	10.07	91.3
	8.80	10.42	92.7
26	7.63	10.78	93.6
28	7.31	11.06	94.8
30	6.91	11.26	95.6
32	6.42	11.32	94.9
34	6.26	11.60	96.3
36	5.70	11.76	96.7
38	5.41	11.97	97.7
40	5.12	12.19	98.1
50	4.51	12.42	99.1
60	4.20	12.57	99.5
76	3.95	12.84	101.3
100	3.79	13.00	101.8
126	3.72	12.62	98.6

STATION 63 CRUISE 22  
 JULIAN DAY 270.26 ( 9/26/72 6:20)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.29	8.55	91.7
8	17.29	8.53	91.9
10	17.29	8.70	92.9
12	17.27		93.3
14	17.23	8.97	96.2
16	17.17	8.94	95.7
18	17.02	8.91	95.1
20	16.67	8.83	93.6
22	15.06	8.84	90.7
24	12.21	9.83	88.4
26	9.75	10.47	69.7
28	7.84		9P.9
30	6.76	10.55	93.9 92.5
32	6.19	11.27	
34	5.93	11.47	94.9
36	5.56	11.65	95.5
38	5.23	11.79	95.9
40	4.97	11.94	96.4
50	4.30	12.34	
60	4.10	12.54	98.1 95.0
76	3.89	12.75	100.1
100	3.71	12.97	101.3
126	3.62	12.57	101.1 1.

STATION 63 CRUISE 28  
 JULIAN DAY 312.44 (11/ 7/72 10:33)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.12	10.44	93.5
8	9.12	10.43	93.5
10	9.10	10.41	93.2
12	9.12	10.41	93.3
14	9.10	10.42	93.3
16	9.12	10.43	93.4
18	9.12	10.44	93.6
20	9.12	10.40	93.2
22	9.12	10.42	93.3
24	9.12	10.39	93.1
26	9.12	10.42	93.4
28	9.09	10.40	93.2
30	9.08	10.41	93.2
32	9.09	10.38	92.9
34	9.08	10.39	93.0
36	9.05	10.41	93.1
38	9.04	10.38	92.9
40	8.99	10.38	92.7
50	7.91	10.55	91.8
60	7.06	10.79	91.9
76	5.82	11.10	91.6
100	4.43	11.49	91.5
126	3.64	11.56	90.1

STATION 64 CRUISE 8  
 JULIAN DAY 173.94 ( 6/21/72 22:37)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6		13.08	125.1
8	11.90 11.77	11.34	124.3
10		12.97	121.3
12	13.92 8.66	13.17	116.5
14	7.80	13.14	114.0
16	7.41	12.86	110.5
18	7.10	12.86	109.6
20	6.54	12.85	108.3
22	6.26	12.92	107.9
24	5.58	13.09	107.3
26	5.05	13.15	106.5
28	4.75	13.24	106.3
30	4.56	13.31	106.3
32	4.44	13.31	106.3
34	4.31	13.32	105.7
36	4.13	13.38	105.7
38	4.02	13.38	105.4
40	3.95	13.37	105.2
50	3.68	13.36	104.3
60	3.64	13.38	104.4

STATION 64 CRUISE 14  
 JULIAN DAY 215.59 ( 8/ 2/72 14: 5)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.34	8.89	97.4
8	18.18	8.99	98.2
10	17.93	9.09	98.9
12	17.25	9.16	98.2
14	16.37	9.26	97.6
16	15.49	9.41	97.4
18	14.48	9.47	95.9
20	13.41	9.51	94.1
22	11.34	9.78	92.3
24	9.64	10.00	90.7
26	8.73	10.30	91.4
28	7.90	10.47	91.1
30	7.21	10.76	92.0
32	6.59	10.99	92.5
34	6.13	11.05	91.9
36	5.79	11.24	92.6
38	5.53	11.39	93.3
40	5.40	11.51	94.0
50	4.50	11.93	95.4
60	4.10	11.61	91.7



STATION 64 CRUISE 16  
 JULIAN DAY 228.62 ( 8/15/72 14:50)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.80	10.55	114.5
8	17.74	10.61	114.9
10	17.58	10.36	111.9
12	17.24	9.79	104.9
14	16.46	9.43	99.5
16	15.38	9.48	97.9
18	14.14	9.68	97.3
20	12.81	9.56	93.3
22	11.39	9.72	91.9
24	10.64	9.95	92.4
26	9.65	10.25	93.0
28	8.15	10.87	93.1
30	6.44	11.70	98.1
32	5.55	12.19	99.9
34	5.26	12.48	101.5
36	5.06	12.79	103.8
38	4.90	13.15	106.0
40	4.62	12.92	103.3
42	4.17	12.59	99.6
44	4.16	12.46	98.5
46	4.17	12.34	97.6

STATION 64 CRUISE 19  
 JULIAN DAY 250.37 ( 9/ 5/72 8:55)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.84	8.78	99.1
8	19.73	8.75	98.4
10	19.43	8.52	95.3
12	18.33	8.29	90.8
14	13.76	8.65	86.2
16	11.48	9.25	87.7
18	10.20	9.83	90.4
20	8.97	10.36	92.5
22	8.23	10.73	94.0
24	7.66	10.88	94.1
26	7.33	11.17	95.1
28	6.54	11.33	95.3
30	6.14	11.53	95.5
32	5.83	11.61	95.9
34	5.46	11.86	97.7
36	5.02	12.00	97.9
38	4.65	12.30	98.1
40	4.40	12.38	98.1
42	3.83	12.57	98.5
44	3.80	12.44	97.5

STATION 64 CRUISE 21  
 JULIAN DAY 263.61 ( 9/19/72 14:40)

DEPTH (M)	TEMPERATURE (C)	D O (MG/L)	PERCENT SATURATION
2			
8	18.23	9.28	101.5
	18.24	9.23	101.0
14	18.25	9.25	101.2
16	18.23	9.35	100.4
	18.22		101.3
	18.21		102.7
18	18.15	9.25	101.1
20	18.01	9.34	101.7
22	16.93	9.28	98.9
24	13.66	0.37	93.2
26	10.32	9.86	91.1
28	8.92	10.51	93.8
30	7.83		96.0
32	7.66	11.66	96.4
34		1.34	97.0
36	6.15		97.0
38	5.55	11.64	96.9
		12.16	98.4
50		12.30	97.9
60	4.43	12.15	95.5
76	3.89	12.16	55.6
		12.10	95.0

STATION 64 CRUISE 22  
 JULIAN DAY 273.23 ( 9/26/72 5:26)

DEPTH (M)	TEMPERATURE (C)	D O (MG/L)	PERCENT SATURATION
6	17.10	9.63	96.5
8	17.07	8.89	95.0
10	17.39	8.62	92.2
12	17.03	8.62	92.0
14	16.92	8.88	94.6
16	16.56	8.83	93.4
18	15.89	8.78	91.6
20	15.24	8.70	89.5
22	14.16	9.12	91.7
24	12.08	9.31	89.4
26	9.66	9.75	88.5
28	7.86	10.21	88.7
30	6.93	10.56	89.7
32	6.2	10.84	90.5
34	5.55	11.23	92.1
36	5.12	11.71	95.0
38	4.66	12.04	96.5
40	4.48	12.10	97.1
50	3.91	12.25	96.2
60	3.80	12.12	94.5

STATION 64 . CRUISE 27  
 JULIAN DAY 305.13 (10/31/72 3: 4)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	10.20	10.40	95.6
8	10.20	10.41	95.7
10	10.20	10.40	95.6
12	10.20	10.45	96.1
14	10.20	10.44	96.1
16	10.20	10.47	96.3
18	10.20	10.45	96.1
20	10.20	10.41	95.8
22	10.19	10.39	95.6
24	10.19	10.34	95.1
26	10.17	10.30	94.6
28	10.15	10.28	94.4
30	10.10	10.27	94.3
32	10.09	10.28	94.3
34	9.98	10.34	94.7

STATION 64 CRUISE 28  
 JULIAN DAY 312.42 (11/ 7/72 9:57)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.90	10.45	93.1
8	8.91	10.43	93.0
10	8.90	10.39	92.6
12	8.91	10.41	92.8
14	8.90	10.41	92.8
16	8.91	10.43	93.0
18	8.90	10.39	92.6
20	8.90	10.42	92.9
22	8.88	10.41	92.7
24	8.83	10.40	92.5
26	8.75	10.39	92.2
28	8.61	10.41	92.1
30	8.16	10.44	91.3
32	7.69	10.48	90.7
34	7.13	10.43	89.0
36	6.37	10.47	87.6
38	5.90	10.56	87.3
45	5.55	10.63	87.1
50	4.06	11.19	88.3
60	3.61	11.31	88.2

STATION 65 CRUISE 14  
 JULIAN DAY 215.56 ( 8/ 2/72 13:25)

DEPTH (M)	TEMPERATURE (C)	O <sub>2</sub> (MG/L)	PERCENT SATURATION
6	20.62		87.9
	20.53	7.64	87.7
	20.33	7.65	87.1
		7.62	84.5
	19.23		82.9
	14.35	7.64	79.4
	13.36	7.69	77.7
	12.54	7.81	
		7.90	76.7
		7.94	75.8
	10.98	8.12	76.0
		8.32	76.3
	19.20	8.54	76.7
	7.85	8.73	77.0
	7.21	8.82	76.6
		8.89	76.0
	6.60	8.99	75.7
	6.25	9.53	75.4
50	5.09	9.55	77.3

STATION 65 CRUISE 16  
 JULIAN DAY 229.59 ( 8/15/72 14: 5,

DEPTH (M)	TEMPERATURE (C)	O <sub>2</sub> (MG/L)	PERCENT SATURATION
6	17.70	9.89	107.1
8	17.62	9.56	104.3
10	17.47	9.46	101.9
12	17.08	9.23	95.6
14	16.58	5.33	98.8
16	15.74	9.23	96.1
18	14.47	9.23	93.5
20	13.32	5.37	89.6
22	12.08	9.29	89.3
24	11.18	9.68	91.1
26	10.09	9.92	91.1
28	9.40	9.88	89.2
30	8.77	9.89	87.5
32	7.94	11.93	86.5
34	7.07	9.96	84.9
36	6.54	10.05	84.4
38	6.26	10.11	84.4
40	6.18	10.23	85.2

STATION 65 CRUISE 19  
 JULIAN DAY 250.34 ( 9/ 6/72 8:16)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.02	8.79	97.5
8	18.83	8.50	94.0
10	18.24	8.34	91.2
12	16.59	8.35	88.4
14	14.17	8.27	83.2
16	12.10	8.61	82.8
18	9.97	9.28	84.9
20	8.61	9.85	87.2
22	7.79	10.29	89.3
24	7.29	10.15	87.0
26	6.85	10.16	86.0
28	6.38	10.24	85.7
30	5.92	10.28	85.0
34	5.71	10.66	87.7
36	5.57	10.78	88.4
	5.43	10.65	87.0
38	5.28	10.91	88.8
40	5.20	11.04	89.7

STATION 65 CRUISE 21  
 JULIAN DAY 263.59 ((9/19/72 14: 2)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	18.07	8.86	97.6 96.6
10	18.05	8.94	97.4
12	18.04	8.94	97.4
14	18.04	5.56	98.8
16	18.04	9.05	98.6
18	18.02	9.02	98.3
	17.99	8.88	96.7
22	17.91	9.00	97.9
24	17.49	9.01	97.1
26	14.90		
28	11.31	8.95 9.14	91.5 86.2
30	9.84		86.3
	8.47	9.46	86.6
34	7.22	9.62	82.8
36	6.60	9.65 9.69	82.9
38	6.26	9.93	82.9
40	6.13	9.81	81.6

STATION 65 CRUISE 22  
 JULIAN DAY 270.20 (9/26/72 4:42)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.78	9.93	97.9
8	17.77	9.95	98.1
10	17.73	9.92	47.7
12	17.65	9.90	57.3
14	17.52	9.93	96.3
16	17.33	8.78	94.3
18	17.17	8.61	92.2
20	16.91	8.62	91.9
22	15.81	8.75	91.1
24	13.46	8.88	87.1
26	10.07	9.13	83.8
28	8.16	9.66	84.6
30	6.98	9.83	83.5
32	5.94	10.02	82.9
34	5.19	10.53	85.5
36	4.94	10.83	87.4
38	4.87	10.99	88.5
40	4.81	11.00	88.4

STATION 65 CRUISE 24  
 JULIAN DAY 285.66 (10/11/72 15:47)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6		10.73	97.8
8	9.54 9.81	10.79	
12	8.93	10.81	96.4
14	7.59		
	6.47	10.96	92.4
16	5.87	11.01 11.09	
18	5.66	11.07	91.0
20	5.59	11.06	
22	5.54	11.19	91.6
24	5.51	11.11	
26	5.50		90.6
28	5.50	11.07 11.05	
30	5.50	11.07	90.6
32	5.51	11.06	90.5
34	5.48	11.14	
36	5.46	11.11	90.8
38	5.46	11.04	90.2
40	5.43	11.11	

STATION 65 CRUISE 20  
 JULIAN DAY 312.39 (11/7/72 9:23)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	9.89	10.05	91.8
10	9.88	10.06	91.9
12	9.88	10.04	91.6
14	9.86	10.02	91.5
16	9.87	10.04	91.6
18	9.85	10.03	91.5
20	9.85	10.05	91.7
22	9.87	10.04	91.6
24	9.86	10.03	91.5
26	9.85	10.04	91.6
28	9.85	10.04	91.5
30	9.84	10.02	91.4
32	9.85	10.03	91.5
34	9.82	10.01	91.2
36	9.83	10.05	91.6
38	9.73	10.02	91.1
40	9.82	10.03	91.5

STATION 66 CRUISE 20  
 JULIAN DAY 256.16 (9/12/72 3:47)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.96	8.41	91.5
8	17.96	8.41	86.6
10	17.54	8.03	83.3
12	17.10	7.79	77.8
14	16.53	7.23	73.3
16	13.69	7.37	73.3

STATION 66 CRUISE 21  
 JULIAN DAY 262.34 (9/18/72 8:11)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.91	9.06	98.5
8	17.91	9.04	98.2
10	17.83	9.05	98.3
12	17.84	8.91	96.8
14	17.60	8.84	95.4

STATION 66 CRUISE 22  
 JULIAN DAY 268.92 ( 9/24/72 22: 0)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.09	8.97	95.9
8	17.06	8.55	95.6
10	17.03	8.87	94.7
12	17.02	8.66	92.5
14	16.96	8.63	92.1
16	16.87	8.70	92.7

STATION 66 CRUISE 27  
 JULIAN DAY 305.21 (10/31/72 5: 9)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	10.20	10.17	93.5
10	10.20	10.18	93.8
12	10.21	11.20	93.8
14	10.21	10.21	93.9
16	10.21	10.18	93.7
18	15.21	13.11	93.0

STATION 66 CRUISE 28  
 JULIAN DAY 311.03 (11/ 6/72 0: 4)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.53	10.57	95.6
8	9.52	10.57	95.6
10	9.50	10.56	95.5
12	9.46	10.57	95.5
14	9.41	10.58	95.4
16	9.26	10.58	95.1

STATION 67 CRUISE 14  
 JULIAN DAY 215.52 ( 8/ 2/72 12:26)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.81	7.59	87.1
8	20.83	7.63	87.7
10	20.81	7.63	87.6
12	20.79	7.58	87.0
14	20.65	7.56	96.5
16	20.43	7.52	85.8
18	19.96	7.44	84.1
20	19.18	7.46	63.2



STATION 67 CRUISE 16  
 JULIAN DAY 228.55 (8/15/72 13: 9)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.04	8.96	99.5
8	19.03	8.93	99.2
10	19.03	8.90	98.8
12	19.01		
14	19.00	8.84	98.2
16	18.96	8.79	97.5

STATION 67 CRUISE 19  
 JULIAN DAY 250.30 (9/6/72 7:18)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.55	7.75	83.6
8	16.59	7.74	82.6
10	15.14	7.58	77.9
12	12.23	7.28	70.2
14	10.69	7.64	71.1

STATION 67 CRUISE 21  
 JULIAN DAY 263.55 (9/19/72 13: 7)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.47	9.25	101.6
8	18.45	9.22	101.2
10	18.46	9.24	101.4
12	18.45	9.09	99.8
14	18.42	9.29	101.9
16	18.42	9.57	105.0

STATION 67 CRUISE 22  
 JULIAN DAY 270.15 (9/26/72 3:35)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.56	8.71	94.0
8	17.53	8.70	93.8
10	17.30	8.73	93.7
12	16.73	8.52	90.4
14	15.34	8.20	85.5
16	15.24	8.09	83.3

STATION 67 CRUISE 27  
 JULIAN DAY 304.77 (11/30/72 18:34)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	10.49	10.18	54.2
8	10.50	10.20	94.5
10	10.50	10.18	54.3
12	10.50	10.18	94.2
14	10.50	10.19	94.3
16	10.51	13.17	94.2

STATION 68 CRUISE 14  
 JULIAN DAY 214.27 (8/1/72 6:30)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	22.92	8.46	100.8
8	21.21	8.70	100.5
10	18.84	9.07	100.4
12	16.54	9.52	100.7
14	14.82	9.77	99.7
16	13.15	9.93	97.7
18	12.47	10.02	97.1
20	11.77	10.01	95.4
22	10.44	10.12	93.6
24	8.91	10.31	92.0
26	7.88	10.52	91.5
28	7.40	10.65	91.5
30	6.67	10.83	91.3
32	6.19	11.04	41.9
34	5.93	11.11	92.0
36	5.67	11.20	92.1
38	5.41	11.29	92.2
40	5.20	11.36	92.3
50	4.48	11.53	91.9
60	4.42	11.00	87.5
70	4.36	10.83	86.0

STATION 68 CRUISE 16  
 JULIAN DAY 227.39 ( 8/14/72 7: 8)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.70	8.92	98.4
a	18.72	8.78	96.9
10	18.71	8.86	97.8
12	18.62	8.91	98.2
14	18.43	8.94	98.2
18	17.85	8.97	97.4
20	17.35	5.39	96.5
	16.66	9.03	95.9
22	15.57	8.98	93.1
24	14.75	a:91	93.7
28	14.12	8.90	89.5
30	12.95	9.07	88.8
	11.21	9.30	87.6
32	10.35		90.6
34	9.53	19.82	91.1
	8.91	11.07	91.3
36	8.91	11.24	91.3
38	7.86	11.33	89.8
40	7.37	10.55	88.8
50	4.31	11.81	93.7
60	4.22	11.78	93.3

STATION 68 CRUISE 20  
 JULIAN DAY 256.21 ( 9/12/72 5: 0)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.13	9.12	103.4
8	19.99	9.07	102.6
10	19.90	9.00	101.6
12	19.72	8.93	100.5
14	1a.95	8.81	97.7
16	16.78	8.62	91.6
18	14.42	8.66	87.5
20	12.08	9.27	89.1
22	10.42	9.86	91.1
24	9.79	10.15	92.4
26	9.31	10.51	94.6
28	8.70	10.79	95.7
30	8.00	11.06	96.4
32	7.33	11.33	97.2
34	6.86	11.49	97.4
36	6.44	11.59	97.2
38	5.84	11.86	97.9
40	5.44	12.09	98.8
50	4.09	12.17	96.0
60	4.03	12.16	95.8
76	4.01	12.06	95.0

STATION 68 CRUISE 21  
 JULIAN DAY 262.39 ( 9/18/72 9:25)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
b	18.84	9.04	100.0
8	18.84	9.03	100.0
10	18.83	8.90	98.5
12	18.85	9.01	99.7
14	18.82	9.01	99.7
	18.77	8.90	98.3
	18.71	9.03	99.7
	18.44	9.03	99.1
	17.32	8.83	94.8
	14.36	8.62	87.1
	11.45	9.11	86.3
	9.80	9.71	88.4
	8.64	10.27	91.0
	7.94	10.42	90.7
	7.28	10.55	96.4
	6.89	11.65	90.3
	6.09	11.17	92.9
	5.31	11.43	93.1
	3.96	12.15	95.5
	3.81	11.80	92.4
	3.76	11.76	92.0

STATION 68 CRUISE 22  
 JULIAN DAY 268.97 ( 9/24/72 23:15)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.53	8.91	36.1
8	17.51	8.86	95.5
10	17.49	8.84	55.3
12	17.51	8.81	94.5
14	17.42	8.79	94.5
16	17.19	8.83	94.6
18	16.50	8.86	93.6
20	14.80	9.92	90.9
22	12.34	9.03	87.2
24	9.45	9.62	86.9
26	8.17	10.15	88.8
28	7.48	10.69	92.1
30	6.82	11.06	93.6
32	6.15	11.49	95.6
34	5.66	11.82	97.1
36	5.19	12.18	98.9
38	4.72	12.16	97.6
40	4.25	12.26	97.1
50	3.80	12.15	95.2
60	3.79	12.15	95.2
76	3.80	12.30	96.4

STATION 68 CRUISE 28  
 JULIAN DAY 311.05 (11/ 6/72 1:15)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	9.80	10.60	96.6
10	9.91	10.59	96.5
12	9.81	10.59	96.5
14	9.82	10.58	96.4
16	9.81	10.56	96.3
18	9.79	10.56	96.2
20	9.75	10.56	96.1
22	9.72	10.56	96.0
24	9.63	10.58	96.0
26	9.59	10.58	95.9
30	9.31	10.61	95.8
32	9.25	10.64	95.8
34	9.05	10.65	95.3
36	8.66	10.57	93.7
38	7.96	10.60	92.3
50	7.03	10.66	90.9
50	4.52	10.92	89.7
60	3.78	11.44	89.6
60		11.38	89.5

STATION 69 CRUISE 14  
 JULIAN DAY 214.30 ( 8/ 1/72 7:13)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.55	8.24	95.8
8	20.86	8.36	96.1
10	17.21	8.39	89.9
12	12.99	8.72	85.5
14	10.48	10.16	94.0
16	9.38	10.58	95.4
18	8.45	10.90	96.1
20	7.81	11.10	96.3
22	7.35	11.18	95.9
24	7.18	11.32	96.7
26	6.74	11.40	96.3
28	6.32	11.55	96.5
30	5.97	11.64	96.5
32	5.55	11.74	96.2
34	5.41	11.87	96.9
36	5.24	12.00	97.6
38	5.08	12.05	97.6
40	4.98	12.12	97.9
50	4.78	12.31	98.9
60	4.64	12.42	99.5
76	4.47	12.58	100.3
100	4.35	12.90	102.4
126	4.25	12.70	100.7

STATION 69 CRUISE 20  
 JULIAN DAY 256.25 ( 9/12/72 5:57)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.11	8.10	91.9
8	19.955	8.00	90.6
10		8.50	96.1
12	19.74	8.17	92.1
14	19.33	8.16	91.2
16	18.29	8.09	89.6
18	15.87	8.14	85.9
	13.27	8.45	83.3
22	11.76	9.04	86.2
	10.73	5.49	88.3
24	9.93	9.81	89.7
28	9.05	10.39	43.0
30	8.35	10.73	94.3
34	7.83	10.87	94.4
36	7.43	11.06	95.1
		11.16	94.8
38	6.99	11.34	95.2
40	6.49.98	11.69	96.9
50	4.4.9	11.34	98.4
60	4.08	12.45	98.2
76	3.87	12.74	99.9
100	3.81	12.80	
126	3.77	12.45	100.2 97.4

STATION 69 CRUISE 21  
 JULIAN DAY 262.43 ( 9/18/72 10:12)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.58	9.17	100.9
8	18.56	9.11	100.3
10	18.56	9.04	99.4
12	18.55	9.14	100.6
14	18.55	9.07	99.8
16	18.55	9.19	101.1
18	18.51	9.13	100.4
20	18.32	9.14	100.2
22	17.34	8.93	96.0
24	14.54	9.04	91.7
26	11.58	9.63	91.5
28	10.52	9.95	92.1
30	9.92	10.11	92.4
32	9.14	10.52	94.3
34	8.45	10.76	94.8
36	7.87	11.21	97.4
38	7.19	11.45	97.8
40	6.58	11.74	98.8
50	4.4.7	12.60	100.2
60	3.82	12.84	101.6
76	3.75	13.03	101.9
100	3.64	12.96	101.0

STATION 67 CRUISE 22  
 JULIAN DAY 269.01 ( 9/25/72 0:19)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
b	17.47	8.56	02.2
8			
10	17.43 17.38	9.11 a.99	96.7 97.9
12	17.37	9.10	97.8
14	17.36	9.09	97.7
16	17.21	9.12	97.7
18	16.89	9.12	97.2
20	15.80	9.17	95.6
22	13.64	9.31	92.6
24	11.08	9.36	87.8
26	9.34	9.91	89.3
28	8.49	10.78	92.4
30	7.93	11.19 10.47	93.8
32	7.48	11.12	96.3
34	6.89	11.37	96.4
36		11.69	97.8
38	6.38 5.70	11.93	98.9
40	5.98 5.60	11.95	98.1
50	4.24	12.96	102.2
60	3.94	13.06	102.7
76	3.81	13.08	102.4
100	3.61	13.03	101.6
126	3.61	12.56	97.9

STATION 69 CRUISE 27  
 JULIAN DAY 304.84 (10/30/72 20: 8)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	a. 8.2	11.30	97.8
8	8.81	10.96	97.5
10	8.81	11.00	97.8
12	8.80	11.03	98.1
14	8.75	11.04	98.1
16	8.71	11.05	98.0
18	8.68	11.05	97.3
20	8.65	11.04	97.8
22	8.63	11.04	97.7
24	8.57	11.06	97.8
26	8.52	11.04	97.5
28	8.49	11.04	97.4
30	8.48	11.01	97.1
32	8.40	10.98	96.7
34	8.32	10.95	96.2
36	8.22	10.96	96.1
38	8.11	10.98	96.0
40	7.93	11.02	95.9
50	7.04	11.06	94.2
60	5.71	11.42	94.0
76	4.74	11.89	95.4
100	3.66	12.15	94.8
126	3.61	11.97	93.3

STATION 59 CRUISE 28  
 JULIAN DAY 311.0 (11/ 6/72 2: 3)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.45	11.17	98.5
8	8.46	11.18	98.6
10	8.45	11.18	98.6
12	8.46	11.18	98.6
14	8.47	11.19	98.7
16	8.43	11.18	98.5
18	8.52	11.14	98.4
20	8.48	11.15	98.3
22	8.45	11.14	98.2
24	8.47	11.13	98.1
26	8.45	11.12	98.0
28	8.44	11.13	98.1
30	8.44	11.13	98.1
32	8.42	11.12	98.0
34	8.41	11.13	98.0
36	8.37	11.11	97.8
38		11.09	97.5
40	8.28	11.11	97.5
50	6.70	11.43	96.5
60	5.65	11.68	95.0
76	4.09	12.12	95.6
100	3.55	11.93	52.8
126	3.50	11.79	91.6

STATION 70 CRUISE 8  
 JULIAN DAY 171.46 ( 6/19/72 11: 1)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.07	16.00	143.2
8	8.65	15.75	139.5
10	8.32	15.86	139.4
12	8.26	15.40	135.1
14	8.17	15.52	131.5
16	7.99	14.71	128.2



STATION 70 CRUISE 16  
 JULIAN DAY 227.37 ( 8/14/72 8:52)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	15.01	10.40	106.6
8	15.00	10.41	106.7
10	14.85	10.22	104.3
12	13.90	10.24	102.4
14	12.67	10.51	100.9
16	10.54	11.02	102.1
18	9.27	11.34	102.0
20	8.85	11.54	102.8
22	8.53	11.60	102.4
24	8.05	11.72	102.3
26	7.57	11.82	101.9
28	7.22	11.90	101.8
30	7.04	11.88	101.2
32	6.86	11.95	101.2
34	6.65	12.00	101.1
36	6.56	12.01	101.0
38	6.51	12.01	100.9
40	6.44	12.02	100.8
50	5.76	12.16	100.2
60	4.86	12.37	101.2
76	4.41	12.77	101.6
100	4.17	12.90	102.3
126	4.16	13.07	103.3
150	4.06	13.09	103.2
176	3.98	12.90	101.5

STATION 70 CRUISE 20  
 JULIAN DAY 256.29 ( 9/12/72 6:50)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.11	8.44	35.6
8	20.03	8.33	94.3
10	19.99	8.36	94.6
12	19.84	8.31	93.6
14	19.34	8.45	94.4
16	17.81	8.21	89.1
18	13.62	8.75	87.0
20	11.65	9.42	89.6
22	10.74	9.74	90.7
24	9.95	10.17	93.0
26	9.14	10.55	94.6
28	8.51	10.86	95.9
30	7.96	11.03	96.0
32	7.22	11.25	96.2
34	6.82	11.41	96.6
36	6.53	11.59	97.4
38	6.24	11.73	97.9
40	6.03	11.77	97.7
50	5.40	11.98	97.8
60	4.86	12.34	99.4
76	4.29	12.64	100.3
100	3.98	12.86	101.4
126	3.85	12.93	101.4
150	3.73	12.83	100.3
176	3.72	12.64	98.8

STATION 7; CRUISE 21  
 JULIAN DAY 262.46 ( 9/18/72 10:57)

DEPTH (M)	TEMPERATURE (C)	CO (MG/L)	PERCENT SATURATION
6	18.89	9.17	101.6
8	18.89	9.23	102.2
10	18.88	9.20	101.8
12	18.88	9.20	102.3
14	18.88	9.20	101.8
16	18.86	9.17	101.5
18	18.85	9.15	101.2
20	18.53	9.17	100.8
22	16.95	6.90	94.9
24	13.03	9.22	90.4
26	10.64	9.80	91.0
28	9.89	10.36	94.5
30	9.21	10.63	as.4
32	8.43	10.81	95.3
34	7.82	11.13	56.6
36	7.37	11.41	98.0
38	7.02	11.52	98.0
40	6.73	12.13	99.6 98.1
50	5.62		
60	4.59	12.61	100.8
76	4.05	13.30 12.85	101.3
100	3.78		104.1
126	3.66	13.36	104.2
150	3.63	13.26	103.4

STATION 7; CRUISE 22  
 JULIAN DAY 269.05 ( 9/25/72 1:10)

DEPTH (M)	TEMPERATURE (C)	CO (MG/L)	PERCENT SATURATION
6	17.20	9.18	98.3
8	17.19	9.00	96.4
10	17.16	8.92	95.5
12	17.12	8.91	95.3
14	17.33	8.91	95.2
16	16.61	8.95	94.8
18	15.83	8.88	92.5
20	13.75	8.90	88.7
22	10.70	9.30	86.5
24	9.22	10.03	90.1
26	8.29	10.59	93.0
28	7.78	10.90	94.5
30	7.44	11.01	94.6
32	7.07	11.21	95.5
34	6.72	11.31	95.9
36	6.40	11.47	96.1
38	6.10	11.49	95.6
40	5.83	11.55	95.4
50	5.04	12.29	95.4
60	4.61	12.61	100.9
76	4.16	12.75	100.5
100	3.82	13.06	102.3
126	3.71	13.08	102.2
150	3.60	12.80	99.7
176	3.60	12.73	99.2

STATION 70 . CRUISE 28  
 JULIAN DAY 311.14 (11/ 6/72 3:22)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
	8.82	11.17	99.4
	8.82	11.16	99.3
	8.83	11.16	99.3
	8.83	11.15	99.3
	8.83	11.14	99.1
	8.82	11.13	99.0
	8.61	11.14	99.0
	8.81	11.14	99.1
	8.81	11.13	99.0
	8.79	11.13	98.9
	8.71	11.11	98.6
28	8.38	11.13	98.0
30	7.84	11.26	97.8
	7.27	11.41	97.7
	6.99	11.52	98.0
	6.66	11.63	98.0
	6.21	11.71	97.6
	5.80	11.82	97.5
	4.80	12.10	97.3
	4.41	12.24	97.4
	3.93	12.43	97.6
	3.69	12.56	98.1
	3.59	12.64	98.5
	3.53	12.66	98.3
	3.50	12.65	93.6

STATION 71 CRUISE 16  
 JULIAN DAY 227.41 (8/14/72 9:43)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	18.00	9.34	101.7
	17.99	9.42	102.6
10	17.98	9.44	102.8
12	17.94	9.47	103.0
14	16.91	9.56	101.9
16	16.13	9.59	101.6
18	15.39	9.47	97.8
20	14.70	9.39	95.5
22	13.35	9.53	99.1
24	11.74	9.96	94.1 94.7
26	10.25	10.65	98.1
	9.25	10.84	97.5
32	8.82	11.25	100.1
34	a:34	11.34	99.7
	7.99	11.44	99.7
36	7.74	11.50	45.7
38	7.33	11.57	
40	6.90	11.63	99.2 99.6
50	5.17	12.65	97.9
60	4.74	12.47	100.1
76	4.45	12.54	99.9
100	4.19	12.80	101.3
125	4.13	12.72	102.0
150	4.03	12.17	95.0

STATION 71 CRUISE 20  
 JULIAN DAY 256.33 ( 9/12/72 7:48)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.28	8.55	97.2
8	20.28	8.76	99.6
10	20.18	8.86	100.6
12	19.80	8.63	97.2
14	19.44	8.33	96.9
18	17.31	8.19	87.5
20	12.94	8.94	
	11.59	9.17	87.1
24	10.52	9.61	88.1
26	9.25	10.77	95.8
	8.80	10.84	95.4
28	8.18	11.20	96.3
32	7.57	11.24	96.9
34	6.78	11.42	96.6
		11.58	47.5
36	6.16	11.71	97.5
40	6.07	11.83	98.0
50	5.80	12.35	99.4
	5.62	12.41	100.4
60	4.43	12.52	99.6
76	4.177	12.80	101.0
100	3.87	13.02	102.2
126	3.75	13.07	132.3
150	3.69	12.88	100.6
176	3.74	11.41	89.2

STATION 71 CRUISE 21  
 JULIAN DAY 262.49 ( 9/18/72 11:48)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.30	9.07	99.4
8	18.31	9.13	100.0
10	18.29	9.17	100.4
12	18.30	9.02	98.8
14	18.30	9.03	98.9
16	18.27	9.12	99.9
18	18.25	9.04	98.9
20	18.21	9.12	99.7
22	17.93	8.98	97.7
24	17.45	8.84	95.1
26	16.46	8.69	91.7
28	14.26	8.74	88.1
30	11.57	9.43	89.4
32	9.97	9.92	90.8
34	9.23	10.47	94.1
36	8.26	11.04	96.9
38	7.44	11.51	99.0
40	6.99	11.73	99.5
50	5.27	12.42	101.1
60	4.65	12.71	101.7
76	4.03	12.99	102.3
100	3.74	13.18	103.1
126	3.64	13.35	104.1
150	3.58	13.30	103.6

STATION 71 CRUISE 22  
 JULIAN DAY 269.09 (19/25/72 2:21)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.41	9.14	111.3
8	17.41	9.07	98.4
10	17.40	8.94	97.5
12	17.40	8.97	94.6
14	17.38	8.82	96.3
16			96.3
18	16.56	8.82	94.1
20	13.97	8.41	84.2
22	11.36	8.74	82.6
24	8.72	9.47	85.6
26	8.32	9.96	88.4
28	8.32	10.47	92.0
30	7.93	10.80	94.0
32		11.04	55.1
34	7.47	11.22	
36	6.287	11.43	95.4 95.5
38	5.97	11.86	98.2
40	5.64	12.08	99.2
50	4.65	12.64	101.2
60	4.16	12.96	102.4
76	3.91	13.03	102.4
100	3.71	13.19	103.1
126	3.61	13.09	102.0
150	3.56	13.08	101.8
176	3.61	11.53	89.9

STATION 71 CRUISE 24  
 JULIAN DAY 284.55 (10/10/72 13:8)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.07	10.39	99.8
8	12.07	10.53	101.1
10	12.06	10.58	101.6
12	12.06	10.60	101.3
14	12.07	10.61	101.3
16	12.06	10.60	101.8
20	12.07	10.59	101.7
22	12.07	10.59	101.7
24	12.07	10.57	101.5
26	12.06	10.56	101.4
28	12.06	10.56	101.4
30	12.05	10.55	101.3
32	12.05	10.56	101.4
34	12.03	10.55	101.2
36	12.04	10.53	101.0
38	12.00	10.55	101.1
40	11.91	10.57	101.1
42	11.22	10.63	100.1
50	11.37	12.00	37.3
60	4.54	12.57	100.3
76	3.89	12.93	101.5
100	3.67	13.05	101.8
126	3.56	13.11	102.0
150	3.50	12.48	37.1

STATION 71 CRUISE 27  
 JULIAN DAY 304.91 (10/30/72 21:52)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.90	10.65	95.0
8	8.85	10.67	95.0
10	8.77	10.62	94.4
12	8.70	10.59	93.9
14	8.61	10.59	93.7
16	8.58	10.62	93.9
18	8.55	10.72	94.8
20	6.55	10.75	95.0
22	8.53	12.72	94.7
24	8.52	10.67	94.3
26	8.51	10.70	94.4
30	8.31	10.64	93.5
32	8.09	10.76	94.0
34	7.66	10.88	94.1
	7.49	11.10	95.5
36	7.27	11.05	94.6
38	7.10	11.01	93.8
40	6.87	11.11	94.1
50	6.13	11.46	95.3
60	5.62	11.56	94.9
76	5.00	11.86	95.9
100	4.18	12.14	96.0
150	3.51	12.05	93.9
176	3.54 3.54	12.14	94.4
		12.16	94.5

STATION 71 CRUISE 28  
 JULIAN DAY 311.18 (11/6/72 4:24)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	8.43 8.44	11.37	
10	8.39	11.32	100.2 99.7
	8.37	11.33	99.9 99.7
14	8.35	11.33	99.7
16	8.26	11.35	99.6
18	8.12	11.38	99.6
20	8.00	11.36	99.5
22	8.00	11.36	99.1
24	7.86	11.37	98.8
	7.82	11.38	
26	7.79	11.39	96.6 98.8
28	7.75	11.40	98.7
30	7.68	11.39	98.6
32	7.64	11.41	98.6
34	7.49	11.43	98.5
36	7.27	11.45	98.5
38	7.17	11.47	98.0
40	6.96	11.52	97.9
50	5.93	11.79	97.6
60	4.69	12.12	97.7
76	4.17	12.37	97.9
100	3.71	12.53	97.9
126	3.55	12.38	96.3
150	3.50	12.22	95.0

STATION 72 CRUISE 16  
 JULIAN DAY 227.44 ( 8/14/72 10:28)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.07	8.63	96.0
8	19.01	8.53	94.7
10	18.81	8.63	45.1
12	18.29	8.63	94.5
14	17.42	8.74	94.0
16	16.89	8.83	94.3
18	16.51	8.84	93.5
20	15.16	8.82	90.7
22	11.76	9.78	93.2
24	9.11	15.57	94.7
26	6.34	10.77	91.5

STATION 72 CRUISE 20  
 JULIAN DAY 256.36 ( 9/12/72 8:42)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.78	8.46	97.1
8	20.77	8.40	96.3
10	23.49	8.46	96.6
12	20.66	8.22	53.1
14	19.38	8.28	92.5
16	16.95	8.13	86.6

STATION 72 CRUISE 21  
 JULIAN DAY 262.52 ( 9/18/72 12:34)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.53	8.83	97.9
8	18.92	8.82	97.8
10	18.93	8.82	97.7
12	18.92	8.80	97.5
16	18.93	8.83	97.8
18	18.92	8.94 8.83	97.9
20	18.93		99.1
22	18.94	8.79	97.4
24	18.93	8.75	97.6
26	18.90	8.67	96.1

STATION 72 CRUISE 22  
 JULIAN DAY 269.12 (9/25/72 2:49)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.56		
8	17.50	9.41	101.5
	17.50	9.23	99.7
12	17.45	9.23	99.4
14	17.19	9.20	98.6
16	15.46	9.00	93.1
18	12.93	6.92	85.5
	8.38	9.64	84.9
20	6.33	10.82	90.5
22	5.02	11.29	91.3
24	4.46	11.56	92.1

STATION 72 CRUISE 24  
 JULIAN DAY 284.56 (10/10/72 13:50)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	12.61	10.21	99.3
	12.60	10.23	99.4
10	12.60	10.24	99.5
12	12.60	10.23	94.4
18	12.60	10.19	98.9
20	12.58	10.18	98.9
22	12.60		
	12.55	10.15	98.7
24			98.6
26	12.60	10.15	98.6
28	12.60	10.13	98.5
30	12.63	10.12	98.3

STATION 72 CRUISE 27  
 JULIAN DAY 304.97 (10/30/72 23:14)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	9.69	10.37	94.042
	9.71	10.39	
10	9.71	10.40	94.5
12	9.70	10.45	94.9
14	9.71	10.48	95.2
16	9.70	10.48	95.3
18	9.70	10.50	95.4
20	9.70	10.45	95.0
22	9.70	10.42	94.7



STATION 72 CRUISE 28  
 JULIAN DAY 311.23 (11/6/72 5:25)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.08	10.79	96.6
8	9.10	10.79	96.7
10	9.09	10.80	96.7
12	9.09	10.82	96.9
14	9.09	10.81	96.8
16	9.06	10.81	96.8
18	9.04	10.81	96.7
20	9.01	10.82	96.7
22	9.02	10.81	96.7

STATION 73 CRUISE 16  
 JULIAN DAY 227.49 (8/14/72 11:41)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.92	8.81	97.6
8	18.92	8.76	97.1
10	18.78	8.78	97.0
12	18.54	8.74	96.2
14	17.75	8.82	95.6
16	17.32	8.95	96.1
18	17.21	8.89	95.3

STATION 73 CRUISE 20  
 JULIAN DAY 256.41 (9/12/72 9:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.50		
8	20.51	8.50 8.44	97.0
10			96.4
12	20.50	8.53	97.3
	20.50	8.52	97.2

STATION 73 CRUISE 21  
 JULIAN DAY 262.56 (9/18/72 13:49)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	19.30	9.05	101.9
10	19.30 19.31	9.33 8.97	100.7 100.1
12	19.30	8.93	99.6
14	19.30	8.92	99.5
16	19.32	8.88	99.2
18	19.31	8.86	98.3

STATION 73 CRUISE 24  
 JULIAN DAY 284.62 (10/10/72 14:59)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.79	10.10	98.6
8	12.80	10.12	98.8
10	12.75	10.13	98.9
12	12.78	10.13	98.8
14	12.79	10.13	98.8
16	12.86	10.12	98.8
18	12.77	10.10	98.6
20	12.77	10.03	97.9

STATION 73 CRUISE 27  
 JULIAN DAY 304.51 (10/30/72 12:17)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	9.50	10.57	95.5
10	9.49	10.53	95.1
12	9.48	10.39	93.9
		10.47	94.6

STATION 73 CRUISE 28  
 JULIAN DAY 311.28 (11/6/72 6:37)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.00	10.78	96.4
8	9.01	10.77	96.3
10	9.01	10.76	96.1
12	9.00	10.72	95.8

STATION 14 CRUISE 7  
 JULIAN DAY 179.71 ( 6/27/72 17:7)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.11	11.22	107.8
8	10.53	13.76	127.5
10	9.55	13.76	124.5
12	8.62	13.68	121.1
14	8.04	13.63	119.0
16	7.55	13.49	116.3
18	6.96	13.38	113.6
20	6.33	13.41	112.1
22	5.75	13.31	109.5
24	5.33	13.42	109.3
26	5.06	13.50	109.3
28	4.89	13.68	110.3
30	4.66	13.57	108.7
32	4.45	13.63	108.6
34	4.45	13.65	108.6
36	4.32	13.60	107.9
38	4.25	13.64	108.1
40	4.15	13.86	109.4
50	3.92	13.83	108.7
60	3.84	13.85	108.6
76	3.68	13.80	107.8
100	3.68	13.92	108.6
126	3.62	13.89	108.3
150	3.58	13.73	106.9

STATION 74 CRUISE 14  
 JULIAN DAY 215.33 ( 8/ 2/72 7:49)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.41	7.76	90.0
8	21.37	8.41	97.4
10	21.15	8.34	96.3
12	19.98	8.41	95.1
14	18.47	8.64	94.9
16	16.94	8.93	
18	15.16	9.22	95.2 94.8
20	12.86	9.69	94.7
22	9.75	10.27	93.5
24	6.76	11.06	93.5
26	6.09	11.37	94.5
28	5.76	11.57	95.4
30	5.51	11.70	95.8
32	5.33	11.78	95.9
34	5.19	11.93	96.9
36	5.09	11.99	97.1
38	5.01	12.01	97.1
40	4.90	12.05	97.1
50	4.50	12.38	98.8
60	4.32	12.51	99.3
76	4.12	12.75	100.7
100	4.03	12.88	101.5
126	3.97	13.09	103.0
150	3.93	13.27	104.3

STATION 74 CRUISE 16  
 JULIAN DAY 228.34 ( 8/15/72 8: 9)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.07	9.10	101.1
8	19.36	8.95	99.4
10	18.83	9.01	99.7
12	18.45	8.92	97.7
14	17.53	9.37	101.0
16	15.53	9.98	98.6
18			103.4
20	13.91	13.16	101.5
22	12.45	3.62	93.2
24	10.16	5.63	92.3
26	9.25	13.15	93.3
28		10.58	95.1
30	1.69	10.93	94.6
32	6.93	11.38	96.6
34	5.38	11.57	96.8
36	5.97	11.75	97.4
38		11.86	97.6
40	5.42	12.10	98.9
50	4.64	12.59	100.8
60	4.49	12.62	100.6
76	4.17	12.82	101.4
100	4.10	12.72	100.4
126	4.31	12.75	110.5
150	4.51	12.32	97.0

STATION 74 CRUISE 19  
 JULIAN DAY 250.11 ( 9/ 6/72 2:42)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.32	8.70	93.0
8	20.08	8.34	94.5
10	19.73	8.02	90.2
12	18.73	8.24	90.9
14	15.57	8.36	86.1
16	12.63	8.86	86.1
18	11.48	9.12	86.4
20	10.53	9.57	88.7
22	9.42	9.89	89.3
24	8.47	10.51	92.7
26	7.80	10.85	94.1
28	7.33	11.57	94.9
30	6.97	11.31	96.1
32	6.61	11.66	93.2
34	6.07	11.22	93.2
36	5.78	11.77	97.0
38	5.46	12.02	98.3
40	5.21	12.10	98.3
50	4.41	12.54	99.7
60	4.05	12.58	99.2
76	3.88	12.72	99.8
100	3.74	12.95	111.2
126	3.68	12.45	97.2
150	3.75	11.60	90.7

STATION 74 CRUISE 20  
 JULIAN DAY 257.34 ( 9/13/72 8: 4)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.32	8.52	97.0
8	20.24	8.53	97.0
10	20.18	8.59	97.4
12	19.82	8.52	97.1
14	18.55	8.55	94.0
16	15.16	8.23	84.6
18	12.91	8.65	
20	11.78	9.30	84.6 88.7
22	10.84	9.73	90.8
24	9.89	10.30	94.1
26	9.10	10.68	95.6
28	8.32	10.96	96.3
30	7.61	11.24	97.1
32	7.14	11.41	97.4
34	6.7	11.43	96.5
36	6.3	11.53	96.5
38	6.30	11.79	97.8
	5.65	11.96	98.3
40	4.82	12.34	99.3
50	4.44	12.47	99.3
76	4.13	12.60	99.5
100	3.94	12.82	100.8
126	3.80	12.72	99.6
150	3.77	12.24	95.8

STATION 74 CRUISE 21  
 JULIAN DAY 263.37 ( 9/19/72 8:46)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.73	8.89	98.1
8	18.72	8.95	98.8
10	18.73	8.89	98.1
12	18.72	8.94	98.7
14	18.72	8.86	97.8
16	18.70	8.77	96.7
18	18.56	8.90	98.0
20	17.43	8.68	93.5
22	12.94	8.79	86.0
24	11.42	9.23	87.3
26	10.57	9.84	91.0
28	9.32	10.36	93.3
30	8.18	10.72	94.6
32	7.67	10.98	95.0
34	6.67	11.37	95.3
36	6.68	11.64	96.7
38	5.63	11.86	97.4
40	5.36	12.12	98.9
50	4.43	12.61	100.4
60	4.13	12.83	101.3
76	3.83	13.11	102.8
100	3.72	13.17	103.0
126	3.62	13.21	102.3
150	3.63	12.52	97.6

STATION 74 CRUISE 22  
 JULIAN DAY 269.99 (9/25/72 23:39)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6		8.80	95.8
8	17.9	8.69	94.4
10	17.85	8.75	
12	17.74	8.78	94.9 95.1
14	17.64	8.82	95.3
16	17.53	8.86	95.5
18	17.18	8.90	95.3
20	15.61	11.51	92.5
22	12.26	8.99	86.7
24	9.55	3.60	86.9
26	8.24	10.94	92.3
28	7.33	11.14	93.8
30	6.65	11.17	93.9
32	5.87	11.46	94.7
34	5.20		95.4
36	4.87	12.11	96.3
38	4.69	12.21	96.8
40	4.51	12.17	97.4
50	4.16	12.53	98.2
60	3.96	12.69	99.4 98.6
76	3.80		
100	3.68	12.66	100.4
126	3.63		102.0
150	3.54	13.07	101.7

STATION 74 CRUISE 24  
 JULIAN DAY 285.45 (10/11/72 10:54)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.16	10.02	98.4
8	13.10	10.03	98.6
10	13.15	10.05	98.8
12	13.09		99.3
14	13.06	10.13	95.4
16	13.00		99.3
18	13.00	10.10	95.0
20	13.00	10.07	98.8
22	12.91	10.05	98.4
24	12.86	9.99	97.7
26	12.67	10.02	97.5
28	12.26		97.2
30	11.03	10.26	96.2
32	9.64	10.61	96.3
34	8.34	10.85	95.4
36	6.82		93.2
38	5.95	11.41	94.4
40	5.47		95.1
50	4.51	12.41	98.9
60	4.24		100.0
76	3.85	12.79	100.3
100	3.63		100.8
126	3.58	12.86	100.1
150	3.60		91.6

STATION 74 CRUISE 28  
 JULIAN DAY 312.14 (11/ 7/72 3:24)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.23	10.38	93.2
8	9.19	10.34	92.8
10	9.20	10.39	93.3
12	9.20	10.52	94.5
14	9.20	10.55	94.8
16	9.20	10.57	94.9
18	9.19	10.58	95.0
20	9.20		95.0
22	9.20	10.60	95.1
24	9.20	10.60	
26	9.20	10.60	95.2 95.2
28	9.20	10.60	95.1
30	9.20	10.59	95.1
32	9.11	10.57	94.7
34	9.20	10.50	94.3
36	9.20	10.54	94.6
38	9.15	10.54	94.5
40		11.52	93.7
50	8.83	12.59	92.5
60	8.88 6.80	11.10	93.9
76	5.35	11.50	93.7
100	3.65	12.06	44.1
126	3.67	11.38	86.8
150	3.66	11.36	88.6

STATION 75 CRUISE 8  
 JULIAN DAY 173.68 (6/21/72 16:12)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	3.66	13.35	104.1
	3.69	13.38	104.5
10	3.68	13.35	104.2
12	3.67	13.35	104.2
14	3.69	13.31	103.9
16	3.68	13.79	104.5
18	3.68	13.36	104.3
20	3.68	13.32	104.0
22	3.67	13.34	104.2
24	3.68	13.34	104.1
26	3.67	13.35	104.2
28	3.67	13.35	104.2
30	3.67	13.35	104.2
32	3.67	13.34	104.1
34	3.67	13.34	104.1
36	3.67	13.34	104.1
38	3.67	13.35	104.2
40	3.66	13.34	104.1
	3.67	13.35	104.2
53	3.67	13.38	104.4
60	3.68	13.46	105.1
76	3.68	13.46	105.1
100	3.63	13.41	104.6
126	3.59	17.45	104.7
150	3.52	13.53	105.0
176	3.43	13.41	104.0

STATION 75 CRUISE 9  
 JULIAN DAY 179.67 ( 5/27/72 16: 6)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	6.12	12.89	107.2
8	5.78	13.85	114.2
10	5.48	13.79	112.8
12	5.32	13.74	112.6
14	5.17	13.68	111.0
16	5.02	13.66	110.4
18	4.88	13.59	109.5
20		13.52	108.5
22	4.71	13.45	107.8
24	4.65	13.45	107.7
26	4.63	13.45	107.7
28	4.58	13.45	107.6
30		13.41	107.2
32	4.51	13.58	108.5
34	4.54	13.55	108.2
36	4.55	13.56	108.3
38	4.54	13.52	107.9
40	4.52	13.51	107.8
50	4.28	13.57	108.6
60	4.26	13.64 13.65	108.2
76	4.12		107.7
100	3.96	13.62	107.1
126	3.93	13.62	106.9
150	3.67	13.60	106.5
176		13.66	106.7
200	3.58	13.61	106.0

STATION 75 CRUISE 14  
 JULIAN DAY 215.35 ( 8/ 2/72 8:28)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	20.75 20.83	8.63	99.2
		8.70	99.8
12	20.12	8.78	99.5
14	19.60	8.88	98.6
	16.72	9.08	96.4
18	15.04	9.39	96.2
20	12.96	9.66	94.7
	11.98	10.04	94.2
22	7.64	10.30	89.6
24	7.19	11.29	96.5
26	6.54	11.42	96.1
28	6.25	11.59	96.7
30	5.98	11.73	97.2
32	5.82	11.79	91.3
34		11.85	97.1
36	5.54 5.40	11.95	97.5
38	5.26	12.01	97.7
40	5.14	12.04	97.7
50	4.84	12.27	98.8
60	4.62	12.48	99.8
76	4.38	12.69	100.9
100	4.16	12.97	102.0
126	4.05	13.08	103.1
150	3.99	13.17	103.9



STATION 75 CRUISE 16  
 JULIAN DAY 228.38 ( 8/15/72 9: 2)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	16.58	9.76	103.3
8	16.46	9.93	104.9
10	16.21	9.93	104.3
12	16.01	9.94	104.0
14	15.93	9.88	103.2
16	15.31	9.83	101.3
18	15.00	9.95	100.9
20	14.80	9.94	98.8
22	12.85	10.18	99.5
24	12.48	10.28	99.7
26	12.14	10.52	99.2
28	11.82	10.44	99.7
30	10.88	10.53	98.4
32	9.84	10.69	97.4
34		10.96	98.3
36	8.74	11.16	99.1
38	8.38	11.27	99.2
40	8.02	11.38	97.2
50	5.59	11.91	103.3
60	5.41	12.20	99.6
76	4.72	12.58	101.0
100	4.44	12.76	101.6
126	4.21	12.89	102.0
153	4.06	13.01	102.6
176	4.02	12.86	101.3

STATION 75 CRUISE 19  
 JULIAN DAY 250.14 ( 9/ 6/72 3:27)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
0	9.23	8.72	78.4
a	9.23	8.21	73.8
1	8.95	7.61	67.9
12	9.14	7.87	70.6
14	9.02	7.89	70.6
18	7.95	8.03	70.0
20	7.12	7.60	73.5
		9.58	81.7
22	7.04	9.93	84.5
24	7.01	10.12	86.1
26	6.80	10.37	87.8
28	6.67	10.53	88.8
30	6.75	11.20	94.7
32	6.57	11.01	92.6
34	6.36	11.35	95.0
38	6.42	11.27	94.4
40	6.32	11.53	96.4
45	6.25	12.04	100.5
51	6.23	12.12	101.1
60	5.80	12.30	101.4
76	5.65	12.84	105.5
100	5.47	12.90	105.5
	5.51	12.75	104.3
126	4.43	12.66	100.8
153	4.36	12.61	100.2
176	4.25	12.21	98.2

STATION 75 CRUISE 20  
 JULIAN DAY 257.37 ( 9/13/72 8:52)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.52	8.41	35.1
8	20.51	8.32	34.1
10	20.51	8.59	97.2
12	19.99	8.46	575.6
14	19.90	8.47	95.6
16	19.76	8.17	91.9
18	15.89	8.53	84.1
20	13.17	8.06	83.9
22	12.21	8.96	86.3
24	11.92	9.21	88.7
26	10.97	9.43	88.3
28	9.85	10.08	92.3
30	9.54	10.43	94.4
32	9.17	10.49	94.1
34	8.75	10.43	92.6
36	9.78	10.63	96.8
38	6.33	10.21	85.3
40	5.90	11.77	97.3
50	4.98	12.07	97.3
60	4.53	12.22	97.3
76	4.16	12.44	98.3
100	3.95	12.65	99.5
126	3.85	12.82	100.0

STATION 75 CRUISE 21  
 JULIAN DAY 263.4: ( 9/19/72 9:31)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.55	8.79	96.6
8		8.79	96.6
15	18.54	8.90	97.9
12	18.54	8.77	96.4
14		8.83	97.1
16	18.53	8.74	96.1
18		8.78	96.3
20	16.30	8.43	88.8
22		8.77	86.6
24	11.31	8.96	84.5
26		9.52	88.2
28	9.69	10.01	91.0
30	9.13	10.46	93.7
32		10.82	96.0
34		10.97	95.9
36		11.22	57.2
38		11.32	56.8
40	i 6.84	11.49	97.3
50		12.37	101.0
60	4.66	12.63	101.1
76	4.18	12.94	102.4
100		13.39	104.7
126		13.37	104.4
150		13.48	105.2
176	3.59	13.39	104.3

STATION 75 CRUISE 22  
 JULIAN DAY 276.31 ( 9/26/72 0:17)

DEPTH (M)	TEMPERATURE (C)	CO (MG/L)	PERCENT SATURATION
6	13.84	9.38	101.8
a	.77	9.34	101.1
10	17.53	9.11	98.5
14	17.46	8.91	96.0
16	17.42	8.73	93.9
18	16.52	8.72	93.8
	14.46	8.65	91.4
	11.64	8.51	
22	9.96	8.95	86.1
26	9.35	9.38	85.8
30	9.35	9.91	89.3
32	7.18	10.24	90.8
		10.64	92.4
34			93.7
36	6.84	11.46	95.6
38	6.35	11.58	96.3
42	5.96	11.71	96.9
46	5.27	12.01	97.5
50	4.63	12.37	97.8
60	4.09	12.75	99.0
76	3.76	13.07	100.6
100	3.68	13.20	102.3
126	3.60	13.23	103.1
150	3.59	13.19	103.1
176			102.7

STATION 76 CRUISE 8  
 JULIAN DAY 173.73 ( 6/21/72 17:25)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	3.52	13.37	103.9
a	3.52	13.36	103.9
10	3.51	13.38	104.3
12	3.52	13.42	104.4
14	3.50	13.39	104.1
16	3.51	13.35	103.8
18	3.50	13.38	104.0
20	3.50	13.37	103.9
22	3.49	13.33	103.5
24	3.50	13.32	103.3
26	3.50	13.37	103.7
28	3.50	13.35	103.7
30	3.49	13.34	103.6
32	3.49	13.30	103.3
34	3.49	13.34	103.5
36	3.49	13.33	103.5
38	3.50	13.33	103.6
40	3.50	13.36	103.8
50	3.50	13.34	103.7
60	3.49	13.33	103.6
76	3.48	13.35	103.7
100	3.47	13.38	103.9
126	3.46	13.34	103.5
150	3.45	13.34	103.4
176	3.40	13.23	102.5

STATION 76 CRUISE 14  
 JULIAN DAY 215.39 ( 8/2/72 9:27)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
10	19.23	9.18	132.3
12	18.95	9.22	132.6
14	17.69		
16	15.11	9.79	110.4
18	11.84	10.34	98.8
20	9.81	10.73	97.8
22	8.47	11.06	97.5
24	7.53	11.45	98.7
26	6.66	11.70	98.6
30	6.11	11.89	98.8
34	5.25	12.05	98.8 99.4
36	4.99	12.23	99.6 99.4
38	4.77	12.30	
40	4.48	12.56	100.0
60	4.13	12.67	99.9
76	4.08	12.77	99.5
	4.00		100.1
100	3.98	12.98	100.8
		13.21	102.4
126	3.70	13.26	104.0
150	3.95	13.39	104.4

STATION 76 CRUISE 16  
 JULIAN DAY 228.42 ( 8/15/72 10:1)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	16.86	10.01	106.6
8	16.84	10.02	106.7
10	16.77	9.96	105.8
12	16.50	9.82	103.8
14	16.02	9.63	100.8
16	15.24	9.66	99.4
18	14.24	9.83	99.0
20	13.13	10.17	100.0
22	11.79	10.44	99.6
24	11.46	10.59	100.3
26	10.80	10.80	100.7
28	9.97	11.00	100.7
30	9.42	11.27	101.8
32	8.07	11.45	100.0
34	7.77	11.70	101.5
36	7.18	11.81	100.9
38	6.91	11.90	100.9
40	6.68	11.96	100.9
50	5.33	12.31	100.3
60	4.50	12.61	100.6
76	4.21	12.74	100.9
100	4.13	12.89	101.9
126	4.03	12.77	100.6
150	4.03	12.80	100.9

STATION 75 CRUISE 24  
 JULIAN DAY 285.48 (10/11/72 11:38)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.60	9.77	97.1
8	13.60	9.97	99.1
10	13.62	9.79	97.2
12	13.60	9.75	96.8
14	13.60	9.64	95.7
16	13.60	9.62	95.5
18	13.60	9.67	96.0
20	13.60	9.61	95.4
22	13.60	9.63	95.7
24	13.56	9.61	95.4
26	13.53	9.62	95.4
28	11.10	9.66	90.7
30	7.69	10.29	89.0
32	6.47	11.38	95.0
34	6.10	11.73	97.5
36	5.83	11.83	97.6
38	5.57	11.95	98.2
40	5.46	12.02	98.3
50	4.60	12.36	98.8
60	4.14	12.64	99.9
76	3.93	12.75	100.2
100	3.72	12.92	101.0
126	3.59	12.99	101.2
150	3.51	13.04	101.3
176	3.50	12.98	100.9

STATION 75 CRUISE 27  
 JULIAN DAY 304.57 (10/30/72 13:34)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.6	10.47	95.1
8	9.69	10.46	95.1
10	9.68	10.50	95.4
12	9.68	10.38	94.3
14	9.68	10.32	93.8
16	9.69	10.35	94.0
18	9.69	10.37	94.2
20	9.66	10.39	94.3
22	9.63	10.29	93.4
24	9.51	10.72	93.6
26	9.58	10.54	93.7
28	9.38	10.37	93.5
30	9.14	10.35	92.9
32	8.85	10.35	92.2
34	8.69	10.38	92.0
36	8.43	10.38	91.5
38	8.15	10.33	90.4
40	7.94	10.42	90.7
50	6.51	10.98	92.2
60	4.76	11.75	94.4
76	3.71	12.34	97.0
100	3.69	12.51	97.9
126	3.59	12.61	98.2
150	3.52	12.61	98.1
176	3.50	12.61	98.1

STATION 75 CRUISE 28  
 JULIAN DAY 312.17 (11/7/72 4:2)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.10	10.74	96.2
8	9.10	11.71	95.9
10	9.10	10.73	96.1
12	9.09	10.74	96.2
14	9.10	10.75	96.3
16	9.09	10.75	96.2
18	9.09	10.74	96.2
20	9.09	10.71	95.9
22	9.08	10.70	95.8
24	9.08	10.67	95.5
26	9.08	10.66	95.4
28	9.08	10.66	95.4
30	9.08	10.66	95.4
32	9.07	10.65	95.3
34	9.08	10.58	94.8
36	9.04	10.57	94.6
38	9.04	10.55	94.3
40	9.05	10.54	94.3
42	7.69	10.61	91.8
44	5.46	11.35	92.7
46	4.10	12.04	95.0
48	3.72	12.42	97.1
50	3.60	12.50	97.3
52	3.51	12.42	96.6
54	3.51	12.19	94.7

STATION 76 CRUISE 19  
 JULIAN DAY 259.19 (9/6/72 4:31)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	20.43 25.37	8.96 8.51	102.1
10			96.9
12	23.30	8.14 8.39	95.4
14	20.10		92.3
16	19.75	8.25	92.5
	18.70	8.01	88.4
18	14.76	7.63	77.8
20	12.27	8.81	85.0
22	10.58	9.56	88.9
24	9.54	10.26	92.8
26	8.78	10.85	96.4
28	8.27	10.80	94.7
30	7.84	11.03	96.5
32	7.15	11.00	95.3
34			93.3
36	6.83	11.43	96.8
38	6.57	11.43	96.2
40	6.26	11.41	95.2
42	4.54	12.47	99.5
44	4.23	12.55	99.4
46	4.01	12.94	101.9
48	3.82		
50	3.72	12.79 12.68	100.2 99.1
52	3.71	12.02	99.1 93.9
54	3.71	11.22	87.7

STATIC #1 76 CRUISE 20  
 JULIAN DAY 257.41 ( 9/13/72 9:50)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.13	8.79	95.7
8	20.13	8.70	58.6
10	20.11	8.73	98.9
12	20.09	8.72	98.8
14	19.64	8.72	98.0
16	18.64	8.70	95.0
18	15.83	8.23	65.8
20	12.86	7.76	75.9
22	10.26	7.76	71.5
24	9.48	8.93	80.7
26	8.68	9.75	86.4
28	8.41	10.26	90.4
30	7.99	10.65	92.8
32	7.77	10.59	91.8
34	7.48	10.84	93.3
36	7.03	10.87	92.5
38	6.60	10.99	92.5
40	6.29	11.00	91.8
50	5.27	11.53	93.8
60	4.77	11.82	95.6
76	4.19	12.21	96.6
100	3.97	12.50	98.3
126	3.75	12.68	99.2
150	3.75	12.98	101.5
176	3.75	13.10	102.4

STATION 7 6 CRUISE 21  
 JULIAN C&Y 263.44 ( 9/19/72 10:29)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.28	8.99	98.5
8	18.29	8.91	97.5
10	18.28	9.02	98.8
12	18.27	9.07	99.2
14	18.27	9.06	99.2
16	18.25	9.01	98.6
18	18.21	9.04	98.8
22	17.95	8.92	97.1
24	15.53	8.86	91.8
	11.05	9.81	92.1
26	9.61	10.42	94.5
28	8.52	10.95	96.7
30	7.86	11.24	97.7
32	7.38	11.51	98.8
34	6.94	11.62	98.6
36	6.46	11.86	99.5
38	6.17	12.06	100.4
40	5.83	12.11	09.9
50	4.75	12.59	101.0
60	4.21	12.82	101.5
76	3.66	13.02	102.1
100	3.71	13.28	103.7
126	3.63	13.34	104.0
150	3.61	13.21	102.9

STATION 75 CRUISE 22  
 JULIAN DAY 273.04 ( 9/26/72 1: 1)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.70	9.19	93.5
8	17.55	5.17	49.1
10	17.53	9.95	97.5
12	17.36	8.90	95.6
14	17.34	8.88	95.4
16	17.12	8.87	94.9
18	15.76	8.73	90.8
20	12.33	9.12	87.9
22	10.92	9.77	89.5
24	9.71	10.23	91.6
26	8.55	10.57	93.4
28	8.11	10.82	94.6
30	7.65	10.99	95.2
32	7.14	11.24	96.2
34	6.76	11.42	96.5
36	6.47	11.51	96.6
38	6.18	11.65	97.0
40	5.87	11.78	97.7
50	4.73	12.25	98.3
60	4.18	12.78	101.1
100	3.85	12.95	101.6
126	3.70	13.05	101.9
150	3.60	13.09	102.0
150	3.60	13.00	101.3

STATION 76 CRUISE 24  
 JULIAN DAY 285.52 (10/11/72 12:25)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.10	10.10	99.0
8	12.07	10.15	99.4
10	12.95	10.16	99.5
12	12.95	10.16	99.5
14	12.87	10.18	99.5
16	12.89	10.20	99.8
18	12.82	10.21	99.7
20	12.74	10.22	99.7
22	12.64	10.24	99.6
24	12.50	10.29	99.8
26	12.33	10.33	99.8
28	11.57	10.38	98.5
32	9.58	10.68	96.8
34	7.386	11.03	95.9
36	6.99	11.43	97.0
38	6.25	11.60	96.8
50	5.74	11.75	97.5
60	4.36	11.87	97.8
76	4.01	12.46	99.0
100	3.75	12.72	100.2
126	3.61	12.80	100.2
150	3.53	12.89	100.5
150	3.56	12.96	100.8
176	3.50	12.87	100.0
176	3.50	12.10	94.0



STATION 76 CRUISE 28  
 JULIAN DAY 312.24 (11/7/72 5:40)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.33	10.60	95.4
8	9.30	10.64	95.8
10	9.30	10.65	95.9
12	9.30	10.66	95.9
14	9.30	10.65	95.8
16	9.30	10.65	95.8
18	9.30	10.65	95.8
20	9.30	10.65	95.9
22	9.30	10.65	95.9
24	9.30	10.64	95.8
26	9.31	10.64	95.8
28	9.30	10.64	95.7
30	9.27	10.63	95.6
32	9.20	10.62	95.3
34	9.20	10.64	95.5
36	9.19	10.64	95.5
38	9.18	10.63	95.4
40	9.10	10.60	95.0
42	8.22	10.79	94.6
50	5.58	11.44	93.8
60	4.08	12.15	95.9
70	3.71	12.33	96.3
80	3.59	12.37	96.3
90	3.49	11.89	92.4
100	3.50	11.24	87.4

STATION 77 CRUISE A  
 JULIAN DAY 173.77 (6/21/72 18:25)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	8.44 8.78	13.62 13.58	120.7
			120.1
10	7.40	13.68	117.5
12	5.91	13.74	113.7
14	4.53	13.84	110.5
16	4.24	13.77	109.1
18	3.97	13.55	106.6
20	3.81	13.56	106.2
22	3.74	13.56	106.1
24	3.71	13.52	105.7
26			105.3
28	3.67	3.68 13.48	104.9
			104.4
30			105.4
32	3.67	13.48	105.2
34	3.67	13.47	105.1
36	3.67	13.47	105.1
38	3.66	13.42	104.7
40	3.64	13.46	104.9
50	3.65	13.49	105.2
60	3.64		105.2
70		13.49	105.2
100	-3.46 3.59	13.50 13.37	103.8

STATION 77 CRUISE 9  
 JULIAN DAY 179.17 16/27/72 4:4)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	6.70	14.11	119.1
12	5.55	14.20	116.4
14	5.15	14.16	114.9
16	5.09	13.90	113.4
18	4.89	13.94	113.5
		13.98	112.9
			112.4
20	4.71	13.95	112.2
22		13.79	110.7
	4.75	13.74	110.3
26	4.69	13.75	110.2
28	4.66	13.85	111.0
30	4.59	13.78	110.2
34	4.43	13.68	109.2
36	4.39	13.68	108.9
38		13.67	108.8
40	4.33	13.70	108.8
	4.24	13.69	108.5
50	4.15	13.64	107.8
76	4.04	13.77	108.5
100	3.57	13.73	107.3
	3.71	13.20	102.8

STATION 77 CRUISE 14  
 JULIAN DAY 215.43 (8/2/72 10:22)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.96	9.19	100.0
8	17.41	9.28	99.8
10	15.46	9.42	97.4
12	14.02	9.79	98.2
14	13.10	9.92	97.4
16	12.20	10.20	98.3
18	11.01	10.42	97.6
20	9.67	10.79	98.0
22	8.52	11.13	98.3
24	7.56	11.45	98.8
26	6.65	11.70	98.6
28	6.02	11.91	98.8
30	5.84	11.98	98.9
32	5.71	12.12	99.8
34	5.46	12.29	100.4
36	5.23	12.33	100.3
38	5.14	12.42	100.8
40	5.07	12.47	101.0
50	4.81	12.62	101.5
60	4.59	12.63	101.0
76	4.29	12.86	102.0

STATION 77 CRUISE 16  
 JULIAN DAY 22F.46 18/15/72 10:57)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.72	9.17	99.3
8	17.70	9.25	100.3
10	17.63	9.15	97.6 99.9
12	16.96	9.25	97.2
14	16.28	9.44	97.5
16	15.38	9.64	97.0
18	14.19	9.88	96.0
20	12.56	10.37	97.8
22		10.77	98.3
24	8.52	11.10	98.1
28		11.60	100.5
32	7.14 6.26	11.84	98.9
34	5.82	12.52	101.2
	5.44	12.52	101.0
38	5.21		101.8
40	5.33	12.55	101.5
	4.83	12.64	101.7
50	4.45	12.75	101.5
60	4.29	12.78	
76	4.11	12.57	101.4 95.3
100	4.04	12.27	96.7

STATION 77 CRUISE 19  
 JULIAN DAY 255.23 19/ 6/72 5:27)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.42	8.49	96.8
8	20.38	8.17	93.1
10	20.30	8.23	93.6
12	20.03	8.19	92.7
14	19.37	8.26	92.3
16	17.84	8.28	89.9
18	15.23	7.98	82.2
20	11.90	8.83	84.4
22	9.83	9.82	89.5
24	8.79	10.36	92.1
26	7.66	10.88	94.1
28	6.86	11.20	94.9
30	6.29	11.43	96.0
32	5.96	11.78	97.5
34	5.57	11.93	97.8
36	5.30	12.17	99.1
38	5.13	12.16	98.6
40	4.99	12.25	99.2
50	4.51	12.42	99.1
60	4.15	12.56	99.3
76	3.85	12.69	99.5
100	3.75	12.25	95.8

STATION 77 CRUISE 21  
 JULIAN DAY 263.47 ( 9/19/72 11:22)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.24	8.88	
8	18.23	8.73	
10	18.23	8.95	
12	18.23	8.76	95.8
14	18.21	8.79	96.1
16	18.22	8.88	
18	18.21	8.64	96.7
20	18.16	8.94	97.6
22	17.87	8.81	
24	15.15	8.63	88.7
26	11.62	8.72	82.9
28	10.30	9.25	85.3
30	8.94	10.07	
32	7.81	15.76	93.3
34	7.01	11.44	97.3
36	6.40	11.77	98.6
38	5.85	11.92	
40	5.44	12.02	98.3
42	4.33	12.67	100.6
44	3.89	12.80	100.7
46	3.71	12.93	101.1
48	3.65	12.34	96.2

STATION 77 CRUISE 22  
 JULIAN DAY 270.08 ( 9/26/72 1:49)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.61	8.86	95.7
8	17.60	8.92	96.3
10	17.55	9.13	98.5
12	17.47	8.95	96.4
14	17.34	8.84	95.0
16	17.32	8.79	54.4
18	17.31	8.78	94.3
20	17.16	8.83	94.5
22	15.55	8.68	90.0
24	11.68	9.10	86.6
26	8.93	9.99	69.1
28	7.53	10.68	92.1
30	6.74	11.52	93.1
32	6.20	11.37	94.7
34	5.59	11.72	96.1
36	5.14	11.95	96.4
38	4.82	12.15	97.7
40	4.59	12.23	97.8
42	4.26	12.49	98.5
44	3.88	12.61	99.3
46	3.71	12.69	99.1
48	3.60	12.26	95.5

STATION 77 CRUISE 24  
 JULIAN DAY 285.55 (10/11/72 13:11)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.65	10.33	100.5
8	12.61	10.32	100.3
10	12.51	10.33	100.3
12	12.40	10.27	99.4
14	12.31	10.26	99.0
16	12.16	10.26	98.7
18	12.03	10.27	98.5
20	11.86	10.33	98.7
22	11.68	10.36	98.6
24	10.81	10.34	96.5
26	9.08	10.60	94.9
28	6.66	11.02	92.9
30	5.58	11.52	94.5
32	5.11	11.94	96.8
34	4.75	12.14	97.5
36	4.58	12.39	98.0
38	4.52	12.52	99.9
40	4.45	12.55	98.5
50	4.10	12.57	99.2
60	3.92	12.75	100.1
76	3.69	12.79	99.9
100	3.58	12.37	96.3

STATION 77 CRUISE 27  
 JULIAN DAY 304.65 (10/30/72 15:40)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.51	10.68	96.6
8	9.52	10.70	96.8
10	9.51	10.71	96.8
12	9.51	10.71	96.9
14	9.51	10.72	97.0
16	9.46	10.63	96.0
18	9.40	10.60	95.6
20	9.35	10.56	95.2
22	9.31	10.52	94.7
24	8.97	10.53	94.1
26	8.64	10.63	94.1
28	8.33	10.69	94.0
30	8.06	10.79	94.2
32	7.85	10.90	94.7
34	7.57	10.97	94.7
36	7.32	11.07	95.0
38	7.04	11.14	94.8
40	6.81	11.26	95.3
50	4.51	11.94	95.2
60	3.84	12.41	97.3
76	3.63	12.09	94.3
100	3.59	11.61	90.4

STATION 7 7 CRUISE 28  
 JULIAN DAY 312.28 (11/ 7/72 6:46)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.87	10.43	95.2
8	9.88	10.42	95.2
10	9.86	10.41	95.1
12	9.88	10.42	95.1
14	9.93	10.41	95.1
16	9.94	10.40	95.1
18	9.95	10.37	94.6
20	9.94	10.37	94.1
22	9.40	13.44	94.2
24	9.35	10.48	94.5
26	9.30	10.50	94.5
28	9.30	10.51	94.6
30	9.31	10.54	94.9
32	9.30	10.54	94.9
34	9.30	10.55	94.9
36	9.30	10.56	95.1
38	9.28	10.55	94.9
40	9.14	10.53	54.4
50	6.59	11.24	94.8
60	4.24	11.84	93.9
76	3.80	11.86	92.9
100	3.61	11.41	88.9

STATION 78 CRUISE 14  
 JULIAN DAY 215.46 ( 8/ 2/72 11:29)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.76	8.05	92.3
8	20.76	8.11	93.0
10	20.73	8.13	93.2
12	20.55	8.11	92.6
14	19.94	8.13	91.9
16	18.89	8.07	89.4
18	17.08	8.03	85.8
20	14.98	8.33	85.3
22	12.16	8.56	82.4
24	10.08	8.99	82.5
26	8.24	9.43	82.7
28	7.36	9.59	82.3
30	6.92	9.62	81.6
32	6.51	9.65	81.1
34	6.10	9.67	82.1
36	5.49	10.13	82.9
38	5.05	10.29	83.3
45	4.75	10.41	83.5
50	4.18	10.62	84.0

STATION 78 CRUISE 16  
 JULIAN DAY 228.51 ( R/15/72 12:11)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	18.33	9.38	102.8
	18.32	9.41	103.1
10	18.33	9.37	102.6
14	18.32	9.36	102.6
16	18.32	9.38	102.7
	18.31	9.38	102.7
18	18.28	9.35	102.4
20	1e.26	9.26	101.4
	17.94	9.18	99.8
24	17.32	8.97	96.3
26	14.61	8.95	91.0
28		9.21	86.5
30	11.10	9.09	83.5
34	10.10	9.19	82.2
36	e 6.76	9.70	84.9
		10.33	87.3
38	5.82	10.55	87.1
40	5.63	10.54	86.5

STATION 78 CRUISE 21  
 JULIAN DAY 2-3.51 ( 9/19/72 12:17)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	1e.72	8.77	96.8
8	1e.74	8.73	96.4
10	18.72	8.74	96.4
12	18.72	8.77	96.8
14	18.73	8.80	97.2
16	18.73	8.81	97.3
18	18.72	8.72	95.2
20	18.72	8.72	96.3
22	18.72	8.78	97.3
24	18.71	8.78	96.9
26	18.69	8.67	95.6
28	18.64	8.73	96.2
30	18.49	8.68	95.4
32	17.84	8.45	91.7
34	16.52	8.78	85.5
36	14.23	7.57	76.3
38	12.38	7.37	71.3
40	11.03	7.56	70.9

STATION 78 CRUISE 24  
 JULIAN DAY 285.59 (10/11/72 14:20)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.97	9.76	95.8
8	12.31	4.75	38.4
10	12.67	9.66	95.6
12	12.50	9.92	96.2
14	12.46	9.89	95.8
16	12.39	9.93	96.1
18	12.34	9.94	96.1
20	12.30	9.95	96.6
22	12.37	9.96	96.1
24	12.37	9.97	96.3
26	12.30	4.45	96.1
28	12.31	5.93	95.9
30	12.27	9.45	96.0
32	12.21	9.95	95.9
34	12.08	9.82	94.4
36	11.83	9.67	92.3
38	11.67	9.63	91.6
40	11.54	9.63	91.4

STATION 78 CRUISE 27  
 JULIAN DAY 304.72 (10/30/72 17:16)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
10	10.60	10.09	93.7
12	10.60	10.15	94.4
14	10.56	10.12	93.9
16	10.29	10.06	92.5
18	10.23	10.13	93.3
22	10.22	10.22	94.1
24	10.18	10.31	94.8
26	10.12	10.33	94.8
28	10.06	13.31	94.6
30	10.07	13.42	95.5
32	10.00	10.42	95.5
34	9.97	10.40	95.4
36	9.95	10.40	95.1
38	9.88	10.37	95.0
40	9.56	10.46	93.9
42	9.52	13.32	91.3



STATION 78 CRUISE 28  
 JULIAN DAY 312.32 (11/7/72 7:36)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	9.63	10.55	95.7
10	9.62 9.63	10.57	95.9
14	9.52	10.57	95.8
16	9.62 9.62	10.57	95.8
	9.60 9.45	10.57	95.8
		10.56	95.8
18	9.55	10.55	95.6
20	9.57	10.55	95.5
22	9.55	10.55	95.5
24	9.50	10.53	95.2
26	9.47	10.53	95.1
28	9.41	10.53	95.0
30		10.55	95.1
34	9.39 9.32	10.57	95.1
36	9.25 9.30	10.58	95.2
		10.56	95.0
38		10.56	95.0
40	9.30 9.29	13.55	54.3

STATION 79 CRUISE 14  
 JULIAN DAY 214.75 (8/1/72 17:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.76	7.55	86.6
8	20.75	7.58	86.9
10	20.72	7.59	87.0
12	20.69	7.60	87.0
14	20.65	7.57	87.7

STATION 79 CRUISE 15  
 JULIAN DAY 227.76 (P/14/72 18:19)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.22	8.65	96.4
8	19.20	8.60	95.8
10	19.14	8.60	95.7
12	19.07	8.51	94.5
14	19.02	8.58	95.2

STATION 79 CRUISE 19  
 JULIAN DAY 249.56 (9/5/72 13:20)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	18.13 18.56	8.02	88.3 83.9
10		7.68 7.74	77.7
12	15.54 16.75	7.32 6.98	72.4
14	13.99	6.44	64.5

STATION 79 CRUISE 20  
 JULIAN DAY 256.73 ( 9/12/72 17:37)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.1"	8.83	100.2
A	20.15	8.86	100.5
10	20.13	8.85	100.3
12	20.11	8.91	101.0
14	20.11	8.84	100.1

STATION 79 CRUISE 21  
 JULIAN DAY 262.84 ( 9/18/72 20:11)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.30	9.26	101.4
8	18.28	9.13	99.9
10	18.18	9.04	98.8
12	18.13	8.86	96.7
14	18.10	8.84	96.4

STATION 79 CRUISE 22  
 JULIAN DAY 259.45 ( 9/25/72 10:41)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.50	9.13	98.4
8	17.46	9.04	97.3
10	17.37	8.96	96.3
12	17.20	8.75	93.8
14	16.94	8.60	91.7
16	16.81	8.52	90.6
18	16.73	8.54	90.7

STATION 79 CRUISE 24  
 JULIAN DAY 284.89 (10/10/72 21:16)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.54	10.17	98.7
8	12.53	10.24	99.3
12	12.41 12.46	10.26	99.4
			99.3
14	12.35	10.27	99.5

STATION 87 CRUISE 14  
 JULIAN DAY 214.73 t 8/1/72 17:27)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	21.26 21.26	7.75 7.80	96.2 89.6
	21.24	7.75	89.6
12		7.77	89.8
16	21.21 21.18	7.76	89.7
18	21.14	7.72	89.1
	21.09	7.66	88.4
	21.09	7.62	87.7
22	20.87	7.50	86.1
24			
26	23.38 18.71	7.16	83.4 79.5
28	16.49	7.01	74.1
30	14.77	6.92	71.1
32	13.01	7.05	70.6 69.1

STATION 80 CRUISE 16  
 JULIAN DAY 227.75 ( 8/14/72 17:55)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.9	8.78	97.6
8	19.04	8.72	96.9
10	19.51	8.69	96.5
12	19.00	8.60	95.4
14	18.98	8.58	95.1
16	18.97	8.47	93.9
18	18.95	8.49	94.1
20	18.91	8.51	94.3
22	18.81	8.49	93.5
24	18.63	8.34	91.9
26	17.84	8.27	89.7
28	16.71	7.94	84.2

STATION 89 CRUISE 19  
 JULIAN DAY 249.54 ( 9/5/72 12:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	29.16	8.57	97.1
	20.04	8.51	96.4
10	19.91	8.65	97.6
12		8.44	94.2
15	19.31 17.18	7.98	85.4
18	13.27	8.14	89.3
	10.37	8.40	77.5
20	8.59	8.04	71.1
22	8.15	7.96	69.6
24	7.95	7.96	69.3
26	7.68	8.41	72.7
28	6.96	8.94	76.0
30	5.80	9.80	80.8
32	4.94	10.00	80.7

STATION 80 CRUISE 25  
 JULIAN DAY 256.71 ( 9/12/72 16:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6		8.57	
8	20.40	8.57	97.6
	20.38		97.6
10	20.38	8.48	96.6
12	20.37	8.58	97.7
14	20.35	8.54	97.2
16	20.36	8.45	96.3
18	20.31	8.47	96.4
20	20.19	8.33	94.5
22	19.24	8.05	89.7
24	16.85	7.70	
26	14.23	7.35	
28	11.34	7.41	
30	9.96	7.34	67.2
32	9.38	7.66	69.
34	8.90	7.82	69.3
36	8.07	8.07	70.5
38	6.94	8.80	74.1
40	6.40	8.97	75.1

STATION 80 CRUISE 21  
 JULIAN DAY 262.82 ( 9/18/72 19:42)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.30	8.87	97.1
10	18.32	8.88	97.3
12	18.27	8.71	95.4
	18.26	8.74	95.6
14	18.24	8.67	94.8
16	18.25	8.70	95.2
18	18.25	8.77	95.9
20	18.22	8.74	95.6
22	18.22	8.66	94.7
24	18.14	8.68	94.8
26	17.30	8.05	86.4
28	15.49	7.45	77.1
30	13.71	7.03	70.0
32	12.53	6.89	66.8
34	11.34	6.88	65.0
36	10.66	6.83	63.5

STATION 8 . CRUISE 22  
 JULIAN DAY 269.43 ( 9/25/72 10:26)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.59	8.85	95.6
8	17.58	8.89	96.0
10	17.56	8.92	96.2
12	17.51	8.94	96.4
14	17.41	8.90	95.7
16	17.23	8.79	94.3
18	17.03	8.72	93.1
20	16.73	8.61	91.4
22	15.90	8.34	87.0
24	14.91	8.10	82.8
26	14.66	7.96	81.0
28	14.57	7.86	79.7

STATION 80 CRUISE 24  
 JULIAN DAY 284.87 (10/10/72 20:58)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.30		98.3
6	12.30	10.18	97.9
10	12.30	10.17	98.2
12	12.30	10.17	98.2
14	12.30	10.17	98.2
16	12.29	10.16	98.3
18	12.28	10.14	97.8
20	12.27	10.13	97.8
22		10.13	
24	12.25	10.13	97.6 97.7
26	12.23	10.13	97.6
28	12.16	10.13	97.5
30	12.12	10.10	97.1
32	12.09	10.10	97.1

STATION 80 CRUISE 28  
 JULIAN DAY 311.55 (11/ 6/72 13:10)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.80	10.50	95.7
8	9.79	10.50	95.6
10	9.78	10.53	95.9
12	9.79	10.54	96.0
14	9.79	10.51	95.8
16	9.80	10.51	95.7
18	9.80	10.50	95.7
20	9.80	10.50	95.7
22	9.79	10.47	95.4
24	9.80	10.46	95.3
26	9.80	10.47	95.4
28	9.79	10.47	95.4
30	9.77	10.47	95.3
32	9.72	10.45	95.3

STATION 81 CRUISE 14  
 JULIAN DAY 214.71 ( 8/ 1/72 17: 6)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.05	7.94	91.6
8	21.05		91.8
10		7.96	91.3
14	20.98	7.92	91.8
16	20.96	7.85	91.2
18	20.96	7.73	88.5
20	19.16	7.70	86.8
22	18.47	7.67	85.3
24	17.28	7.56	83.0
26	15.48	7.43	79.7
28	12.89	7.55	78.1
30	9.84	7.86	76.8
32	8.74	8.11	74.0
34	8.32	8.16	72.4
36	8.07	8.20	72.1
38	7.71	8.31	72.6
40	7.04	8.44	73.1
50	5.36	8.71	74.1
		9.33	76.0

STATION 81 CRUISE 1 b  
 JULIAN DAY 227.73 ( 8/14/72 17:25)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.24 19.28	9.16	102.2
8		9.14	101.8
10	19.17	9.09	101.2
12	19.06	8.99	99.8
14		8.66	95.5
16		8.57	89.0
18	17.73	8.08	87.5
20	17.49	8.39	89.4
22	17.28	8.40	90.1
24	16.95	8.36	89.2
26	15.89	8.36	87.2
28	14.21	8.58	86.4
30	11.94	9.10	87.2
32	9.46	9.49	85.8
34	8.06	9.34	81.5
36	7.48	9.36	80.6
38	7.83	9.51	81.6 81.1
40		9.63	

STATION 81 CRUISE 19  
 JULIAN DAY 249.52 ( 9/ 5/72 12:33)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.44	8.74	99.7
8	20.43	8.79	100.2
10	20.43	8.68	98.5
12	20.30	8.81	100.3
14	19.77	8.41	94.7
16	18.06	8.06	87.5
18	14.95	7.98	81.7
20	11.82	8.65	82.6
22	9.20	9.70	87.1
24	7.45	9.97	85.7
26	6.66	10.33	87.1
28	6.24	10.80	90.9
30	5.95	10.72	90.7
32	5.52	10.48	85.8
34	5.17	10.57	85.8
36	4.78	10.67	85.8
38	4.57	10.66	85.2
40	4.43	10.83	86.2

STATION 81 CRUISE 20  
 JULIAN DAY 256.68 ( 9/12/72 16:21)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.42	8.76	95.1
8	20.42	8.68	99.6
12	20.42	8.79	100.2
14	20.41	8.67	98.8
16	20.41	8.67	98.8
18	20.37 23.41	8.61	98.1
		8.54	97.2
20	20.34	8.53	97.1
22	20.22	8.30	94.3
26	19.19	7.84	87.4
28	15.73	7.45	77.5
		7.69	75.4
30	13.02 11.77	7.80	73.0
34	10.99 9.23	8.25	74.1
36	6.39 8.54	8.76	76.4
		9.07	77.1
38		8.14	76.8
40	6.53 6.43	9.02	75.6

STATION 81 CRUISE 21  
 JULIAN DAY 262.81 ( 9/18/72 19:21)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.83	8.86	98.0
8	18.84	8.83	97.6
10	18.82	8.81	97.4
12	18.80	8.81	97.4
14	18.81	8.76	96.9
16	18.80	8.67	95.9
18	18.79	8.76	96.8
20	18.78	8.70	96.1
22	18.76	8.77	96.9
24	18.67	8.63	95.1
26	18.28	8.68	95.0
28	16.50	8.18	86.4
30	13.25	8.02	79.0
32	11.16	8.41	79.1
34	9.52	9.02	81.6
36	8.40	9.08	79.9
38	7.62	9.71	83.8
40	7.30	10.01	85.8



STATION 81 CRUISE 22  
 JULIAN DAY 265.42 ( 9/25/72 13: 4)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.85	9.31	97.8
8	17.85	8.96	97.3
10	17.84	8.93	96.9
12	17.84	8.88	96.4
14	17.82	8.78	95.9
16	17.76	8.72	94.5
18	17.72	8.66	93.7
20	17.67	8.61	93.1
22	17.65	8.59	92.8
24	17.61	8.57	92.5
26	17.20	8.43	90.3
28	15.54	8.28	85.8
30	13.47	8.09	80.1
32	11.37	7.88	74.5
34	10.37	7.64	70.6
36	9.29	7.72	69.0
38	7.40	8.45	72.6
40	5.83	9.30	75.8

STATION 81 CRUISE 24  
 JULIAN DAY 284.86 (10/10/72 20:39)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.79	9.96	99.3
8	13.77	9.96	99.3
10	13.73	9.97	99.3
12	13.52	10.03	99.5
14	13.21	10.10	99.4
16	12.94	10.12	99.1
18	12.82	10.14	99.0
20	12.73	10.13	98.7
22	12.63	10.12	98.4
24	12.55	10.12	98.3
26	12.52	10.11	98.1
28	12.49	10.08	97.7
30	12.49	10.07	97.6
32	12.47	10.05	97.4
34	12.44	10.04	97.3
36	12.44		97.2
38	12.43	9.82	96.1
40	12.20	9.85	94.9

STATION 81 CRUISE 28  
 JULIAN DAY 311.53 (11/ 6/72 12:50)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	9.95	10.46	95.7
10	9.99	10.45	95.6
12	4.55	10.45	95.7
14	9.98	10.45	95.6
16	9.99	10.45	95.7
20	5.95	10.45	95.7
22	9.95	10.44	95.6
24	10.90	10.43	95.5
26	9.95	10.43	95.4
28	9.94	10.42	95.3
30	9.93	10.42	95.3
32	9.90	10.43	95.3
34	9.88	10.42	95.1
36	9.78	10.34	94.7
38	9.56	10.37	93.4 93.9
40	9.37	10.36	
42	9.23	10.37	93.2

STATION 82 CRUISE 14  
 JULIAN DAY 214.69 ( 8/ 1/72 16:40)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.10	8.12	93.7
8	21.10	8.10	93.5
12	21.09	8.17	94.3
14	20.95	8.06	92.1
16	20.60	7.98	91.2
18	20.33	7.95	90.3
20	18.52	8.01	88.2
22	14.29	8.45	85.3
24	10.27	9.21	84.8
26	8.50	9.68	85.4
28	7.59	9.97	86.9
30	6.56	10.29	86.8
32	6.15	10.46	87.1
34	5.73	10.75	87.6 87.3
36	5.32	10.80	87.5
38	4.78	10.88	87.4
40	4.55	10.92	87.2
42	4.20	13.71	84.7

STATION 82 CRUISE 16  
 JULIAN DAY 227.71 ( 8/14/72 16:55)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.68	8.96	100.7
8	19.67	8.90	100.0
10	19.63	8.71	97.8
12	19.56	8.71	97.7
14	19.48	8.77	98.2
16	19.17	8.60	95.7
18	18.79	8.45	93.4
20	18.50	8.24	97.5
22	17.61	8.24	89.0
24	16.14	8.59	90.1
26	13.41	9.07	89.7
28	9.93	10.05	91.8
30	7.56	10.98	94.7
32	6.56	11.46	96.3
34	5.91	11.81	97.7
36	5.44	11.81	96.5
38	4.81	11.94	96.1
40	4.53	11.93	95.2
50	4.41	11.80	93.9

STATION 82 CRUISE 19  
 JULIAN DAY 249.50 ( 9/ 5/72 12: 1)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.46	8.63	98.4
8	20.48	8.59	98.1
10	20.46	8.64	98.6
12	20.52	8.62	98.4
14	20.42	8.70	99.2
16	20.45	8.17	93.2
18	19.21	7.44	82.9
20	14.09	8.27	83.1
22	11.61	9.15	86.9
24	9.97	10.04	91.9
26	8.46	10.35	101.2
28	7.20	10.46	89.4
30	6.32	10.47	87.5

STATION 82 CRUISE 19  
 JULIAN DAY 249.50 ( 9/ 5/72 12: 6)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.47	8.78	100.2
8	20.47	8.75	99.9
10	20.45	8.78	100.1
12	20.43	8.75	99.8
14	20.32	8.77	99.8
16	19.59	8.58	96.1
18	16.35	8.44	HR.9
20	12.46	8.87	85.9
22	10.41	9.51	87.9
24	9.23	3.78	R9.6
26	8.13	10.28	89.9
28	7.13	10.66	91.1
30	6.32	11.09	92.7
32	5.74	11.37	93.7
34	5.40	11.39	93.9
36	5.05	11.60	93.9
38	4.69	11.85	35.3
40	4.48	11.88	94.7
50	4.13	11.35	89.7

STATION 82 CRUISE 20  
 JULIAN DAY 256.66 ( 9/12/72 15:50)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	11.46	8.82	100.6
8	29.49	8.82	100.6
10	20.45	8.82	100.6
12	23.45	8.76	99.9
14	20.44	8.80	100.3
16	20.44	8.69	99.1
18	20.42	8.72	99.4
20	20.34	8.61	98.0
22	20.13	8.38	95.0
24	19.50	8.09	
26	17.83	7.66	90.5
28	14.94	7.65	78.3
30	11.64	8.40	79.8
32	9.75	9.34	85.0
34	9.02	9.80	87.6
36	8.36	10.02	88.2
38	7.61	10.30	89.0
40	6.10	10.70	91.5
50	4.67	10.78	86.4

STATION 82 CRUISE 21  
 JULIAN DAY 262.79 ( 9/18/72 18:55)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.84	8.85	97.9
8	18.81	8.79	97.1
10	18.81	8.76	96.8
12	18.82	8.77	97.0
14	18.80	8.68	96.0
16	18.80	8.64	95.7
18	18.79	8.69	96.1
20	18.78	8.47	93.5
22	18.72	8.61	95.0
24	18.62	8.67	95.5
26	18.11	8.70	95.0
28	15.92	8.29	86.5
30	12.59	8.11	78.8
32	9.35	8.47	76.3
34	7.31	9.20	78.9
36	6.46	9.43	79.1
38	6.08	9.63	80.0
40	5.73	9.84	81.0
50	4.48	10.52	83.9

STATION 82 CRUISE 22  
 JULIAN DAY 269.43 ( 9/25/72 9:38)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.91	8.76	95.2
8	17.87	8.72	94.7
10	17.80	8.69	94.3
12	17.72	8.55	92.6
14	17.70	8.46	91.5
16	17.70	8.48	91.7
18	17.70	8.45	91.5
20	17.69	8.41	91.0
22	17.66	8.28	89.6
24	17.50	8.34	89.9
26	16.99	8.42	89.8
28	15.29	8.11	83.5
30	11.89	8.10	77.5
32	9.76	8.95	81.5
34	8.97	9.50	84.8
36	8.49	9.84	86.8
38	7.78	10.12	87.8
40	6.90	10.48	88.9
50	4.61	10.94	87.5

STATION 81 CRUISE 24  
 JULIAN DAY 224.85 (10/10/72 20:18)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	14.25	9.79	98.6
8	14.20	9.82	98.8
10	14.20	9.81	98.7
12	14.20	9.78	98.4
14	14.20	9.74	98.0
16	14.19	9.73	97.9
18	14.18	9.74	98.0
20	14.13	9.71	97.6
22	14.10	9.66	97.0
24	14.02	9.68	97.0
26	13.95	9.67	96.7
28	13.79	9.68	96.6
30	13.73	9.67	96.5
32	13.48	9.63	95.4
34	12.92	9.56	93.6
36	12.16	9.37	90.2
38	11.63	9.35	88.8
40	11.11	9.40	88.3
53	9.51	9.73	88.0

STATION 82 CRUISE 28  
 JULIAN DAY 311.52 (11/6/72 12:30)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.50	10.64	95.8
8	9.30	10.63	95.6
10	9.31	10.64	95.8
12	9.30	10.65	95.9
14	9.30	10.66	96.0
16	9.32	10.68	96.2
18	9.31	10.68	96.1
20	9.30	10.67	96.1
22	9.30	10.68	96.1
24	9.30	10.68	96.1
26	9.30	10.67	96.0
28	9.30	10.67	96.0
30	9.30	10.67	96.0
32	9.30	10.67	96.0
34	9.30	10.66	96.0
36	9.27	10.66	95.9
38	9.23	10.65	95.7
40	9.13	10.65	95.4
50	8.73	10.66	94.6

STATION 83 CRUISE 14  
 JULIAN DAY 214.67 ( A/ 1/72 16: 4)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.12	9.24	106.7
8	21.39	9.29	107.1
10	21.02	9.29	107.2
12		9.26	105.7
14	11.24		98.9
16	20.50 11.59	9.26 3.85	93.6
18	17.87	11.01	100.5
20	7.92	11.37	99.7
22	6.93	11.76	99.8
24	6.51	12.43	101.3
26	6.25	12.13	101.2
28	5.83	12.19	100.5
30	5.56	12.36	101.3
32	5.34	12.49	101.4
34	5.19	12.52	101.5
36	5.09	12.49	101.2
38	4.93	12.49	100.8
40	4.77	12.47	100.2
50	4.22	12.33	97.6
60	4.10	11.99	94.7
76	4.09	11.26	88.8

STATION 83 CRUISE 16  
 JULIAN DAY 227.68 ( 8/14/72 16:16)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.28	9.34	102.3
8			102.5
10	18.25	9.37 9.39	102.7
12	18.16	9.38	102.5
14	18.12	9.31	101.7
16	18.08	9.29	101.3
18	17.91	9.22	100.2
20	16.23	9.33	98.1
22	12.69	10.13	98.6
24	9.53	10.98	99.4
26	7.59	21.51	99.4
28	6.51	11.91	100.0
30	5.88	12.06	99.6
32	5.45	12.13	99.7
34	5.26	12.12	98.6
36	4.94	12.19	98.8
38	4.82	12.19	58.4
40	4.82	12.29	98.9
50	4.44	12.43	93.0
60	4.20	12.50	93.0

STATION 83 CRUISE 19  
 JULIAN DAY 249.47 ( 9/ 5/72 11:23)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.50	8.68	99.1
8	20.53	8.66	99.0
10	21.49	8.71	94.4
12	20.55	8.62	98.4
14	20.53	8.58	98.0
16	20.50	8.60	98.2
18	20.31	8.64	98.3
20	19.73	8.18	97.8
22	16.28	7.89	83.0
24	13.16	8.43	83.0
26	11.05	9.36	87.8
28	9.29	9.96	89.1
30	7.61	10.54	91.1
32	6.43	11.09	93.0
34	5.99	11.34	94.0
36	5.66	11.57	95.1
38	5.48	11.72	95.8
40	5.37	11.76	96.0
50	4.62	12.12	97.0
60	4.62	12.43	97.9
76	3.86	11.28	68.5

STATION 83 CRUISE 20  
 JULIAN DAY 256.63 ( 9/12/72 15 : 5)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.39	8.81	100.3
8	20.38	8.80	100.2
10	20.38	8.70	99.1
12	20.34	8.66	98.6
14	23.31	8.64	98.3
16	20.27		97.6
18	20.18	8.58 8.47	96.2
20	19.80	8.19	92.2
22	18.58	8.01	88.1
24	16.31	8.05	84.7
26	14.21	8.17	82.2
28		8.59	83.0
30	13.36	9.14	93.6
32	9.22	10.23	91.4
34	7.84	10.71	93.0
36	7.50	10.95	94.3
38	7.21	11.06	94.5
40	6.99	11.18	95.1
50	5.07	12.26	99.3
60	4.24	12.32	57.6
76	4.07	11.45	40.3



STATION 83 CRUISE 21  
 JULIAN DAY 262.77 ( 9/18/72 18:25)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.92	9.03	100.0
8	18.91	9.10	107.9
10	18.91	8.97	99.3
12	18.90	8.97	99.4
14	18.90	8.98	99.5
16	18.91	8.92	99.8
18	18.90	9.03	100.0
20	18.87	8.99	99.5
22	18.80	8.91	98.5
24	18.33	8.62	94.4
26	15.75	8.19	85.2
28	11.82	8.70	83.1
30	8.66	10.14	89.9
32	7.31	10.98	94.2
34	6.83	11.22	95.0
36	6.61	11.28	95.0
38	6.39	11.48	96.2
50	5.89	11.64	96.2
60	4.29	12.18	96.5
76	3.79	11.38	89.1

STATION 83 CRUISE 22  
 JULIAN DAY 269.38 ( 9/25/72 9: 5)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6		9.07	98.5
8	17.72	8.89	96.5
10	17.72	8.89	96.4
12	17.69	8.84	95.7
14		8.81	95.3~
16	17.69	8.76	
20	17.67	8.76	94.8 94.8
22	17.59	8.72	54.2
	17.10	8.48	90.7
24	14.54	8.32	83.4
26	10.34	8.63	79.6
28	6.53	9.31	82.2
30	6.47	10.25	88.3
32	5.82	11.85	91.0
34		11.31	93.3
38	5.58	11.32	94.0
40	5.47 5.29	11.55	44.2
50			94.0
60	4.32	11.56	91.8
	4.18	11.46	90.6
76	4.00	11.27	88.8

STATION 83 CRUISE 24  
 JULIAN DAY 284.82 (10/10/72 19:46)

DEPTH (M)	TEMPERATURE (C)	CO (MG/L)	PERCENT SATURATION
6	12.60	10.24	59.5
8	12.60	10.14	96.6
10	12.60	10.05	37.7
12	12.60	10.01	97.7
14	12.60	10.04	97.6
16	12.60	10.06	97.8
18	12.60	10.09	98.1
20	12.59	10.07	37.7
22	12.60	10.03	97.5
24	12.59	10.04	97.6
26	12.59	10.01	97.3
28	12.58	10.00	97.2
30	12.58	9.98	96.5
32	12.54	9.95	96.6
34	12.53	9.90	96.1
36	12.52	9.92	56.2
38	12.45	9.68	95.7
40	12.32	9.92	95.8
50	4.87	11.81	95.1
60	3.91	11.94	93.3
76	3.72	11.59	90.6

STATION 3 CRUISE 28  
 JULIAN DAY 311.46 (11/6/72 10:57)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.85	10.49	95.7
8	9.86	10.46	55.4
10	9.88	10.44	95.3
12	9.87	10.44	95.3
14	9.88	10.44	95.3
16	9.88	10.44	95.3
18	9.88	10.44	95.3
20	9.89	10.44	95.3
22	9.89	10.42	95.1
24	9.88	10.41	95.0
26	9.89	10.41	95.0
28	9.88	10.39	94.9
30	9.88	10.38	94.7
32	9.88	10.39	94.9
34	5.67	10.39	54.8
36	9.87	10.34	94.8
38	9.87	10.39	54.8
40	9.85	10.38	94.7
50	9.86	10.37	94.7
60	9.77	10.34	94.2
76	4.89	10.63	85.7

STATION 84 CRUISE 16  
 JULIAN DAY 227.65 ( 8/14/72 15:35)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6		9.44	104.0
8	18.61	9.38	103.3
10	18.60	9.31	102.5
12	18.54	9.26	101.8
14	18.27	5.19	100.6
16	16.77	9.25	98.3
18	13.32	9.94	98.1
22	10.80	15.52	98.2
24	3.18	11.00	98.8
26	7.89	11.35	98.7
28	7.29	11.49	98.4
30	6.59	11.60	97.6
32	5.97	11.78	97.6
34	5.54	11.98	98.2
36	5.30	12.07	98.3
38	5.16	12.14	98.5
40	5.09	12.18	98.7
42	5.00	12.19	98.6
44	4.76	12.31	98.8
46	4.55	12.44	99.3
48	4.27	12.61	100.0
50	4.14	12.76	100.8

STATION 84 CRUISE 20  
 JULIAN DAY 256.65 ( 9/12/72 14:22)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.00	8.76	99.6
8	20.00	8.78	99.9
10	20.31	8.82	100.4
12	26.33	8.94	101.7
14	20.28	8.76	99.6
16	20.20	8.88	100.8
18	19.46	8.74	97.4
20	16.69	8.76	92.9
22	12.32	8.60	83.1
24	9.82	9.45	86.1
26	9.33	10.02	90.2
28	8.51	10.10	89.2
30	7.42	10.49	90.2
32	6.30	11.19	93.5
34	5.67	11.71	96.3
36	5.44	11.91	97.3
38	5.21		
40	5.05	12.15	98.1
42	4.51	12.59	99.1
44	4.22	12.74	100.1
46	3.98	12.74	99.7
48	3.76	12.74	93.7

STATION 84 CRUISE 21  
 JULIAN DAY 262.74 ( Y/18/72 17:47)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8			
10	18.89	9.20	111.4
	18.89	9.25	162.5
	18.89	0.15	161.4
12	18.89	9.03	100.0
14	18.89	9.07	100.4
18	18.88	9.13	101.1
20	18.89	9.01	99.8
	18.70	8.87	98.6
22	17.46	8.76	93.7
24	10.7	9.25	66.5
26	8.77	9.92	88.2
30	6.64 7.64	10.57	91.3
32		11.13	93.8
34	6.14	11.53	96.1
	5.83	11.68	96.4
36	5.33	12.18	96.2
38	5.01	12.31	99.5
50	4.42	12.38	101.2 99.9
60	4.59	12.65	102.5
76	4.24	12.32	102.3
100	3.86	13.00	161.9
	3.69	13.13	

STATION 84 CRUISE 22  
 JULIAN DAY 269.35 ( 9/25/72 8:27)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.80	9.07	
8	17.65	8.90	98.4
12	17.63	8.83	96.2 95.8
14	17.61	8.83	95.3
16	17.58	8.80	95.3
	17.54	8.89	95.8
18	17.37	8.96	96.3
22	16.02	8.85	92.6
24	11.86	9.10	86.9
	8.35	10.06	88.5
30	6.95	10.83	
32	6.15	11.39	92.0 94.8
34	5.59	11.33	
36	5.15	11.96	06.4 96.9
38	4.95	12.06	97.4
40	4.70	12.21	97.7 97.9
42	4.55	12.31	98.3
76	4.20	12.46	98.6
100	3.66 3.76	12.58	100.8 99.1
		12.88	
		13.58	102.3

STATION 24 CRUISE 24  
 JULIAN DAY 284.79 (10/10/72 19: 4)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8		10.28	100.3
	12.78	10.20	99.5
12	12.77	13.21	99.6
14	12.77	13.15	99.3
16			99.0
18	12.73 12.71	10.18	99.2
		10.20	99.4
20	12.68	10.16	98.9
24	12.66	10.14	98.7
26	12.65	10.10	98.5
	12.56		98.2
28	12.50	10.11	98.1
32		10.14	98.3
34	12.15	10.18	97.9
	10.67	10.40	96.7
36	8.54	15.74	94.9
38	7.06	11.55	54.1
40	6.17	11.47	95.5
60	4.30	12.51	99.2
76	3.97	12.62	99.3
	3.75	12.80	100.1
100	3.60	12.73	99.2

STATION 84 CRUISE 28  
 JULIAN DAY 311.43 (11/ 6/72 10:25)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	10.08	11.36	104.2
8	10.08	11.50	105.5
10	10.06	11.59	106.3
12	10.05	11.63	106.6
14	10.05	11.57	106.0
16	10.07	11.49	105.4
18	10.06	11.42	104.7
20	10.04	11.32	103.7
22	10.06	11.22	102.9
24	10.04	11.12	101.9
26	10.04	10.99	100.7
28	10.03	10.86	99.5
30	10.05	10.74	4t 1.3
32	10.06	10.66	97.7
34	10.05	10.56	96.8
36	10.05	10.47	96.0
38	10.06	10.40	95.4
40	10.04	10.38	95.1
50	10.00	10.42	95.5
60	5.68	11.33	Y3.1
76	4.00	12.20	96.1
100	3.60	12.32	96.0
126	3.58	10.97	85.4

STATION 85 CRUISE 16  
 JULIAN DAY 227.62 ( 8/14/72 14:54)

DEPTH (M)	TEMPERATURE (C)	D.O. (MG/L)	PERCENT SATURATION
6	15.93	10.06	105.0
8	15.91	10.07	105.1
10	15.89	10.07	105.3
12	15.81	10.01	104.3
14	15.47	9.83	101.8
16	14.33	9.69	97.9
18	12.99	9.52	97.2
20	11.77	11.25	97.7
22	10.33	11.25	97.6
24	8.83	10.95	98.7
26	6.67	11.41	98.4
28	6.18	11.68	98.5
30	5.83	11.83	98.5
32	5.48	12.15	98.6
34	5.32	12.15	98.7
36	5.17	12.17	98.8
38	4.64	12.49	99.1
40	4.45	12.38	99.5
42	4.27	12.69	100.6
44	4.14	12.94	102.3
46	4.03	13.118	103.1
48	4.03	13.13	103.4

STATION 85 CRUISE 20  
 JULIAN DAY 256.56 ( 9/12/72 13:30)

DEPTH (M)	TEMPERATURE (C)	D.O. (MG/L)	PERCENT SATURATION
6	20.25	8.91	101.2
8	20.26	9.01	102.4
10	20.19	8.94	101.4
12	20.27	8.89	100.8
14	19.73	8.96	100.8
16	19.19	8.87	98.8
18	17.10	8.21	87.7
20	12.73	8.12	79.2
22	10.94	8.87	85.0
24	9.53	10.07	91.1
26	8.74	10.41	92.4
28	7.83	10.72	93.1
30	6.58	11.22	94.4
32	6.10	11.66	96.5
34	5.77	11.75	96.9
36	5.45	11.91	97.3
38	5.20	12.09	98.2
40	5.06	12.19	98.7
42	4.49	12.51	79.8
44	4.26	12.61	99.5
46	4.00	12.86	101.3
48	3.83	13.12	102.9
100	3.78	13.24	103.6
126	3.78	13.24	103.6
150	3.75	13.24	113.6

STATION 85 CRUISE 21  
 JULIAN DAY 262.71 9/18/72 17: 3)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.86	9.10	100.8
8	18.88	9.37	101.1
10	18.84	9.14	101.1
14	18.84	9.19	101.6
16	18.84 18.82	5.23 9.31	102.2
			102.9
18	18.68	9.13	100.7
20	17.30	8.59	52.2
22	13.51	a.79	87.1
24			86.4
26	11.22	9.17 9.68	89.4
28	9.55	10.13	91.7
30	8.58	10.55	93.3
32	7.83	11.07	96.1
34	7.32	11.36 11.52	97.4
36	6.70		97.2
38	6.06	11.93	71.4
40	5.56	12.00	99.1 98.4
50	4.52	12.65	
60	4.22	12.76	100.9 151.1
76	3.91	12.97	101.9
100	3.74	13.27	103.8
126	3.65	13.40	104.5
150	3.59	13.52	105.3

STATION A5 CRUISE 22  
 JULIAN DAY 269.32 ( 9/25/72 7:45)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.60	9.01	97.3
8	17.48	8.86	95.8
10	17.45	8.76	94.3
12	17.43	8.70	93.6
14	17.43	8.72	93.8
16	17.28	8.78	94.2
18	16.57	8.72	92.3
20	13.87	8.64	86.3
22	10.21	9.46	87.1
24	8.71	10.21	90.5
26	7.99	10.76	93.8
28	7.47	11.05	95.1
30	7.08	11.24	95.8
32	6.56	11.50	96.7
34	6.21	11.63	96.9
36	5.89	11.74	97.0
38	5.54	11.83	96.9
40	5.13	12.00	97.3
50	4.33	12.38	98.3
60	4.05	12.73	100.3
76	3.83	12.89	101.0
100	3.71	13.01	101.7
126	3.63	13.18	102.7
150	3.60	13.09	102.0
176	3.59	11.87	92.4

STATION 85 CRUISE 24  
 JULIAN DAY 254.77 (10/1 /72 18:22)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	13.20	10.39	102.3
	13.19	10.41	102.5
10	13.19	10.41	102.5
12	13.18	10.40	102.4
14	13.12	10.39	102.2
16	13.10	10.35	101.7
18	13.10	10.30	101.2
20	13.10	10.29	101.1
22	13.09	10.26	100.8
24	13.07	10.26	100.7
26	13.02	10.24	100.5
	12.97	10.19	99.6
30	12.79	10.21	99.6
	12.74	10.20	99.4
34	12.42	10.21	79.9
36	11.63	10.29	27.9
38	9.51	15.57	35.0
40	6.38	11.26	44.2
50	4.67	12.44	79.7
60	4.21	12.76	101.0
76	3.90	12.85	100.9
100	3.60	12.97	101.1
126	3.53	12.93	100.6
150	3.52	12.89	100.2

STATION 85 CRUISE 28  
 JULIAN DAY 311.41 (11/ 6/72 9:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	9.52	10.74	97.1
	9.54	10.74	97.2
10	9.53	10.73	97.1
12	9.54	10.73	97.1
14	9.53	10.73	97.1
16	9.53	10.72	97.0
18	9.54	10.72	97.0
20	9.52	10.72	97.0
22	9.53	10.73	97.1
26	9.53	10.73	97.1
28	9.52	10.74	97.1
	9.51	10.75	97.2
30	9.50	10.74	97.1
	9.51	10.73	97.1
32	9.51	10.73	97.1
34	9.46	10.73	96.9
38	9.48	10.72	96.8
40	9.48	10.70	96.7
50	9.20	10.75	96.5
60	7.43	10.95	94.1
76	4.35	12.14	96.4
100	3.74	12.46	97.5
126	3.57	12.53	97.5
150	3.51	11.99	93.2



STATION 86 CRUISE 10  
 JULIAN DAY 167.33 ( 7/ 5/72 7:55)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	7.66	12.87	111.3
8	6.46	12.38	103.8
10	5.86	12.25	101.2
12	5.68	12.22	100.5
14	5.53	12.27	100.5
16	5.39	12.27	100.2
18	5.29	12.23	99.6
20	5.02	12.30	95.5
22	4.83	12.40	99.8
24	4.66	12.46	99.8
26	4.48	12.48	99.4
28	4.35	12.52	99.5
30	4.15	12.69	100.3
32	3.99	12.71	100.1
34	3.84	12.81	100.4
36	3.70	12.81	100.0
38	3.62	12.85	100.1
40	3.57	12.83	99.9
60	3.28	12.98	100.2
76	2.96 3.10	13.00	99.9
		13.13	100.5
100	2.90	13.14	100.4
126	2.82	13.06	99.6
150	2.81	12.71	96.9

STATION 85 CRUISE 16  
 JULIAN DAY 227.60 ( 8/14/72 14:17)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.24	9.35	99.0
8	18.20	9.15	110.1
10	18.15	9.06	98.9
12	18.10	9.11	99.4
14	17.93	9.13	99.3
16	16.88	9.26	98.6
18	14.80	9.56	97.5
20	12.89	9.95	97.3
22	11.46	10.26	97.2
24	10.48	10.46	96.8
26	8.69	10.86	96.3
28	7.38	11.37	97.7
30	6.57	11.80	99.2
32	6.13	11.93	99.3
34	5.94	12.17	100.8
36	5.82	12.22	100.8
38	5.75	12.11	99.7
40	5.56	12.16	99.7
50	4.93	12.56	101.3
60	4.51	12.74	131.6
76	4.27	12.86	102.3
100	4.11	12.98	102.5
126	4.04	12.99	102.4

STATION 86 CRUISE 20  
 JULIAN DAY 256.53 ( 9/12/72 12:48)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
2	11.50	8.55	97.6
20.42	8.56	8.56	97.7
20.44	8.57	8.57	47.7
20.47	8.60	8.60	98.0
20.31	8.49	8.49	96.6
19.50	8.42	8.42	54.3
16.25	8.05	8.05	84.6
13.30	8.49	8.49	83.8
11.94	8.90	8.90	85.2
10.87	9.55	9.55	89.3
9.89	10.02	10.02	91.5
8.75	10.35	10.35	91.9
7.50	10.82	10.82	93.2
6.94	11.08	11.08	94.0
6.29	11.17	11.17	93.5
5.86	11.57	11.57	95.6
5.53	11.98	11.98	98.1
5.36	12.07	12.07	98.4
4.80	12.44	12.44	99.5
4.26	12.61	12.61	99.9
3.95	12.88	12.88	101.3
3.83	13.36	13.36	102.3
3.75	13.18	13.18	103.1
	12.86	12.86	100.6

50  
60

STATION 8E CRUISE 21  
 JULIAN DAY 262.69 ( 9/18/72 16:27)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.04	9.13	101.4
8	19.04	9.20	132.2
10	19.02	9.19	102.0
12	19.04	9.21	102.3
14	19.03	8.96	99.5
16	19.02	8.98	09.7
18	19.02	9.00	99.9
20	18.94	8.88	98.5
22	16.80	8.65	92.0
24	12.57	9.23	89.6
26	10.75	9.52	88.7
28	9.31	9.95	89.6
30	8.36	10.62	93.4
32	7.16	11.12	94.9
34	6.19	11.39	94.4
36	5.66	11.65	95.7
38	5.23	12.14	98.7
40	5.02	12.04	97.4
50	4.39	12.74	101.3
60	4.08	12.95	102.2
76	3.80	13.03	102.7
100	3.64	13.27	103.5
126	3.75	12.44	97.3

9

STATION 86 CRUISE 22  
 JULIAN DAY 269.33 ( 9/25/72 7: 5)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.41	9.13	98.3
8	17.37	8.94	96.1
10	17.35	8.90	95.5
12	17.31	8.62	94.7
14	17.22	8.86	95.1
16	16.43	8.78	92.7
18	13.99	8.61	86.3
20	11.16	8.92	83.9
22	9.33	9.65	86.5
24	7.81	10.35	89.8
26	6.89	10.75	91.2
28	6.09	11.04	91.7
30	5.63	11.33	93.0
32	5.33	11.61	94.6
34	5.10	11.81	95.7
36	4.90	11.96	96.5
38	4.79	12.07	97.0
40	4.64	12.17	97.4
50	4.23	12.44	98.5
60	4.51	12.61	99.3
76	3.81	12.86	100.0
100	3.66	13.01	101.5
126	3.60	13.18	102.7

STATION 86 CRUISE 24  
 JULIAN DAY 264.74 (10/10/72 17:40)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	13.69	10.08	100.3
	13.68	10.06	100.1
10	13.65	10.05	100.0
12	13.66	10.03	99.8
14	13.67	9.97	99.2
16	13.67	9.96	99.1
18	13.62	9.96	98.9
20	13.62	9.94	98.9
22	13.62	9.94	98.8
24	13.62	9.94	98.7
26	13.61	9.94	98.8
28	13.59	9.92	98.5
30	13.57	9.92	98.4
32	13.55	9.88	98.0
34	13.55	9.83	97.5
36	13.55	9.86	97.8
38	13.53	9.84	97.6
50	13.43	9.84	97.4
60	6.43	11.21	94.1
		12.27	99.0
76	3.98	12.68	99.8
100	3.69	12.80	100.0
126	3.55	12.48	97.1

STATION 86 CRUISE 28  
 JULIAN DAY 311.30 (11/6/72 9:18)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.61	10.71	97.1
8	9.61	10.68	96.8
10	9.61	10.67	96.7
12	9.61	10.65	96.6
14	9.61	10.65	96.5
16	9.60	10.65	96.5
18	9.59	10.66	96.6
20	9.54	10.66	96.5
22	9.56	10.66	96.5
24	9.48	10.64	96.2
26	9.43	10.64	96.1
28	9.40	10.63	95.8
30	9.37	10.64	95.9
32	9.34	10.65	95.9
34	9.33	10.65	95.9
36	9.31	10.65	95.8
38	9.31	10.63	95.7
40	9.30	10.63	95.7
50	9.25	10.65	95.8
60	7.44	10.89	93.7
76	4.42	11.50	94.7
100	3.86	12.02	94.3
126	3.66	11.66	91.0

STATION 87 CRUISE 16  
 JULIAN DAY 227.58 (8/14/72 13:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.41	16.62	8.76
8	18.61	8.86	96.7
10	18.58	8.84	97.5
12	18.54	8.79	97.4
14	18.41	8.78	96.7
16	18.41	8.84	96.6
18	16.58	8.84	97.0
20	14.41	9.23	97.7
22	13.51	5.75	98.5
24	11.55	9.89	98.1
26	10.30	10.28	97.3
28	9.30	10.56	97.3
30	7.60	10.62	95.6
32	7.44	11.12	95.0
34	6.44	11.64	97.6
36	6.52	11.87	98.5
38	5.72	11.91	98.1
40	5.49	12.02	98.3
50	5.29	12.11	98.6
60	4.74	12.15	97.5
76	4.39	12.58	100.8
100	4.18	12.74	100.8
126	4.07	12.82	101.2

STATION 87 CRUISE 20  
 JULIAN DAY 256.51 (9/12/72 12:16)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	20.52	25.53 H.45	96.5
		8.43	96.3
10	20.48	8.47	96.7
12	20.38	8.59	98.0
14	20.13	8.45	96.2
16	19.13	8.38	95.0
20	18.65	8.13	89.6
22	15.49	8.24	85.7 85.2
	13.67	8.73	
	11.43	8.97	84.9
24	9.95	9.79	89.5
28	8.51	10.34	91.2
30	7.23	11.24	92.6
34	6.37	11.59	95.6 54.1
	5.81		
36	5.34	12.71	97.9
38	4.99	12.12	98.0
40	4.83	12.26	98.6
50	4.25	12.66	
60	4.02	12.95	100.4
76	3.86	13.74	102.0
100	3.84	12.21	102.3 95.7

STATION 87 CRUISE 21  
 JULIAN DAY 262.67 (9/18/72 16:4)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	19.00	9.41	104.4
8	19.32	9.13	101.4
12	19.02	9.11	101.1
14	19.02	9.14	101.5
	18.98	9.07	100.7
16	19.03	9.12	101.2
18	19.01	8.90	98.8
		9.07	100.7
20	19.60 18.98	8.91	98.8
24	18.29	7.75	84.8
26	12.56	8.10	78.7
28	11.13	9.51	89.3
30	9.73	9.75	88.6
32	8.51	10.38	91.7
34	7.24	10.94	93.5
36	6.29	11.31	94.5
38	5.78	11.59	95.5
40	5.55	11.83	96.9
	4.40	12.49	99.3
60	3.99	12.67	99.7
76	3.85	12.26	96.2

STATION 87 CRUISE 72  
 JULIAN DAY 269.28 (9/25/72 4:40)

DEPTH (M)	TEMPERATURE (C)	P O (MG/L)	PERCENT SATURATION
b	17.70	9.08	98.5
8	17.57	9.11	98.3
10	17.49	9.08	97.8
12	17.41	8.96	96.4
14	17.27	8.91	95.5
16	16.65	8.87	44.1
18	14.58	8.50	86.3
20	10.74	8.85	82.4
22	8.78	9.48	94.3
24	7.22	10.33	98.3
26	6.27	10.99	11.8
28	5.52	11.51	94.2
30	5.06	11.81	95.7
32	4.80	12.24	98.4
34	4.58	12.33	98.6
36	4.43	12.40	98.7
38	4.30	12.51	99.3
40	4.20	12.62	99.5
50	3.82	12.33	101.3
60	3.71	13.01	131.6
76	3.63	13.11	132.8
100	3.63	12.08	102.8

STATION 87 CRUISE 24  
 JULIAN DAY 284.72 (10/10/72 17:14)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.94	10.13	99.1
8	12.92	10.12	99.1
10	12.92	10.12	99.0
12	12.90	10.11	98.9
14	12.90	10.11	98.9
16	12.90	10.11	98.9
18	12.90	10.13	99.1
20	12.90	10.13	99.1
22	12.90	10.13	99.1
24	12.90	10.13	99.1
26	12.90	10.13	99.1
28	12.90	10.13	99.1
30	12.87	10.13	99.0
32	12.89	10.13	99.1
34	12.89	10.13	99.1
36	12.90	10.12	99.0
38	12.89	10.11	98.9
40	12.86	10.09	98.6
50	12.78	9.98	97.3
60	10.81	10.03	93.6
76	4.72	11.42	91.6

STATION 87 CRUISE 28  
 JULIAN DAY 311.37 (11/ 6/72 8:53)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.62	10.57	95.9
8	9.67	10.60	96.3
10	9.63	10.59	96.0
12	9.63	10.58	96.0
14	9.62	10.60	96.1
16	9.62	10.59	96.1
18	9.62	10.59	96.1
20	9.62	10.60	96.1
22	9.61	10.60	96.1
24	9.61	10.60	96.1
26	9.60	10.61	96.2
28	9.56	10.59	95.9
30	9.49	10.60	95.8
32	9.43	10.59	95.6
34	9.32	10.59	95.4
36	9.29	10.61	95.5
38	9.28	10.63	95.7
40	9.23	10.65	95.7
50	8.84	10.74	95.6
60	6.82	11.04	93.4
76	4.34	11.48	91.2
100	3.64	11.32	88.3

STATION 88 CRUISE 16  
 JULIAN DAY 227.56 ( 8/14/72 13:33)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.74	8.56	94.5
10	18.66 18.74	8.43 9.39	93.1
12	18.32	8.65	92.5
14	16.84		94.8
16	14.64	9.37	97.5
18	13.97	9.75	97.3
20	12.77	9.77	57.7
22	10.85	9.77	95.3
24	8.88	10.09	94.2
26	7.56	10.46	93.2
28	6.77	10.87	93.8
30	6.45	11.12	94.0
32	6.21	10.99	92.1
36	6.21	11.07	92.2
38	6.00	10.94	90.7
40	5.43	13.99	90.6
42	5.27	11.23	91.8
44	5.27	11.34	92.3

STATION 88 CRUISE 20  
 JULIAN DAY 256.5: ( 9/12/72 11:53)

DEPTH (M)	TEMPERATURE (C)	DC (MG/L)	PERCENT SATURATION
6	20.66	8.61	98.6
10	20.65	8.48	58.3
12	20.62	8.49	97.1 57.0
14	20.60	8.77	
16	20.56 25.45	8.20 h.33	55.1 93.7
18	19.58		
20	17.13	8.12	91.2
22	14.10	7.63	81.6
24	13.10	7.98	78.4
28	9.71	8.80	80.0
30	7.63	9.75	84.2
32	6.26	10.53	87.9
34	5.46	10.95	89.5
36	4.80	11.28	90.7
	4.48	11.55	92.1
	4.10	11.68	92.4

STATION 88 CRUISE 21  
 JULIAN DAY 262.66 ( 9/18/72 15:44)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	19.03 19.09	6.73 8.76	96.9
			97.4
10	19.03	8.73	97.0
12	19.02	8.83	94.0
14	19.03	8.78	97.5
16	19.02	8.81	97.8
18	19.03	8.71	96.7
20	19.02	8.78	97.5
24	19.00		96.7
26	17.89 18.87	a.71 8.66	95.9
		8.35	90.8
28	14.61	8.27	84.0
30	12.16	8.73	84.0
32	7.50	9.52	86.4
34		10.26	88.4
36	6.24	10.53	87.8
38	5.70	10.58	87.1



STATION 88 CRUISE 22  
 JULIAN DAY 259.26 (9/25/72 6:17)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.87	9.24	100.4
8	17.84	9.03	98.0
10	17.82	8.92	96.8
12	17.75		
14	17.52	6.96 8.97	97.1 96.7
16		8.92	
18	15.57	9.03	93.2 86.3
20	7.47	9.88	85.1
22	5.55	10.70	87.7
24	4.55	11.09	89.5
26	4.34	11.60	91.92.1.8
28	4.34	11.60	
30	4.27	11.55	91.6
32	4.21	11.54	91.4
34	4.19	11.55	91.4
36	4.16	11.63	91.7
38	4.14	11.61 11.74	91.8
40	4.11		92.7

STATION 88 CRUISE 24  
 JULIAN DAY 284.70 (10/10/72 16:52)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			98.3
8	13.11 13.11	10.00 10.00	98.2
10	13.10	9.99	98.2
12			98.1
14	13.10	5.58 9.96	47.9
16	13.10	9.95	
20	13.10 13.13	9.93	47.8 97.6
22	13.11	9.94	97.7
24	13.10	9.93	97.6
26	13.13	9.92	97.5
28	13.12	9.91	97.4
30	13.10	9.89	97.1
32	13.10	9.87	97.3
34	13.10	9.87	97.3
36	13.10	9.86	96.9
38	13.10	9.82	96.5
40	13.10	9.82	96.4

STATION 88 CRUISE 28  
 JULIAN DAY 311.35 (11/6/72 8:22)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.50	10.57	95.8
8	9.60	10.57	95.8
10	9.60	10.55	95.8
12	9.60	10.54	95.6
14	9.60	10.54	95.5
16	9.62	10.54	95.6
18	9.60	10.55	95.7
20	9.59	10.56	95.7
22	9.61	10.56	95.8
24	9.58	10.59	96.0
26	9.54	10.65	96.4

STATION 89 CRUISE 16  
 JULIAN DAY 227.53 (8/14/72 12:43)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.52	8.93	98.1
8	18.51	8.96	98.4
10	18.49	8.96	98.4
12	18.46	8.95	98.2
14	18.41	8.92	97.3
16	18.04	8.95	97.6
18	16.06	9.25	96.3
20	14.55	9.66	98.1
22	13.83	9.93	98.8
24	12.99	10.10	99.0
26	11.19	10.21	96.1
28	8.49	10.61	93.7
30	7.15	11.10	94.8
32	6.35	11.44	95.5
34	5.35	11.74	95.7
36	4.95	11.72	94.6
38	4.79	11.60	93.3
40	4.77	11.53	92.6
50	4.70	11.33	90.8

JULIAN DAY 256.46, 9/12/72 10:55)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
0			
2	20.66	8.47	97.0
4	20.65	8.50	97.3
6	20.64	8.35	95.6
8	20.61	8.32	95.2
10	20.59	8.34	95.3
12	20.59	8.34	95.4
14	20.39	8.33	94.9
16	19.89	8.21	92.7
18	16.98	8.26	85.9
20	13.48	R.50	84.2
22	10.92	9.07	84.8
24	9.31	9.61	86.5
26	8.03	10.56	87.7
28	6.22	10.78	89.9
30	5.41	11.39	93.0
32	4.97	11.81	95.4
34	4.76	12.01	96.5
36	4.57	11.96	95.6
38	4.17	11.80	93.3
40	4.11	11.56	91.3

STATION 89 CRUISE 21  
 JULIAN DAY 262.62 (9/18/72 14:50)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.97	9.05	100.4
8	18.98	9.16	101.6
10	18.97	9.06	100.5
12	18.98	9.05	100.4
14	18.97	9.08	103.7
16	18.96	9.01	99.9
18	18.95	8.95	99.3
20	18.93	9.10	100.9
22	18.89	8.96	99.2
24	18.62	8.69	95.7
26	17.25	8.40	90.0
28	13.38	8.55	84.5
30	11.04	9.22	86.5
32	10.05	9.74	89.7
34	8.89	10.30	91.8
36	8.12	10.63	92.9
38	7.10	10.72	91.4
40	5.80	10.82	89.2
50	4.38	11.29	89.7

STATION 89 CRUISE 24  
 JULIAN DAY 284.66 (08/10/72 15:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6		10.97	98.6
8	12.30	10.98	98.6
10	12.71	10.06	98.4
12	12.50 12.90	9.98	97.6
14		9.97	97.5
16	12.90	9.95	97.3
18	12.90 12.50	9.96	97.4
20	12.90 12.50	9.96	97.4
22	12.60	9.98	97.5
24	12.90	9.98	97.7
26	12.90	9.98	97.6
28	12.90	9.97	97.5
30	12.90	9.96	97.4
32	12.89	9.97	97.5
34	12.89	9.96	97.5
36	12.89	9.96	97.4
38	12.89	9.98	97.6
40	12.87	9.98	97.6
50	12.81	9.97	97.3
60	12.52	9.93	96.3

STATION 89 CRUISE 27  
 JULIAN DAY 304.45 (10/30/72 10:47)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6		10.19	93.7
8	10.19 10.23	10.25	94.2
10	10.20	10.21	93.9
12	10.20	10.14	93.3
14	10.18	10.06	92.5
16	10.16	10.02	91.1
18	10.12	10.00	91.8
20	10.11	10.00	91.8
22	10.10	10.14	93.1
24	10.10	10.14	93.7
26	10.10	10.02	92.0
28	10.09	10.06	92.3
30	10.06	10.00	91.7
32	10.04	10.10	92.6
34	15.54	10.12	92.7
36		10.05	92.2
40	10.05 9.93	10.00	91.5
50	8.28 9.73	9.96	90.0
		10.53	92.4

STATION 89 CRUISE 28  
 JULIAN DAY 311.32 (11/ 6/72 7:36)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.60	10.66	96.6
8	9.63	10.66	96.6
10	9.59	10.66	96.6
12	9.60	10.66	96.6
14	9.59	10.65	94.5
16	9.60	10.65	96.5
18	9.60	10.64	96.4
20	9.60	10.63	96.3
22	9.54	10.63	96.2
24	9.59	10.62	96.2
26	9.57	10.62	96.2
28	9.54	10.62	96.1
30	9.55	10.61	96.1
32	9.53	10.62	96.1
34	9.52	10.62	96.0
36	9.48	10.63	96.1
38	9.43	10.68	96.4
40	9.19	10.73	96.3
50	6.54	11.18	93.9
60	5.18	11.20	91.1 G

STATION 90 CRUISE 14  
 JULIAN DAY 215.26 ( 8/ 2/72 6:18)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	21.26 21.09	7.93	91.5
		7.94	51.6
10	21.09	7.96	91.9
12	20.34	8.03	92.2
14		8.11	92.2
16	20.30 19.53	7.97	89.2
		7.96	82.3
18		8.91	81.3
20	15.44 10.13		

STATION 9: CRUISE 16  
 JULIAN DAY 228.27 ( 8/15/72 6:30)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	16.27	8.99	94.6
8	13.72	9.35	93.1
10	10.34	11.24	94.5
12	6.96	10.83	92.0
14	6.22	11.17	93.1
16	5.67	11.22	92.2
18	5.07	11.37	92.1
20	4.88	11.34	91.4
22	4.87	11.24	90.6

STATION 90 CRUISE 20  
 JULIAN DAY 257.27 ( 9/13/72 6:33)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.64	8.69	99.5
8	20.55	8.66	99.1
10	20.63	8.56	98.9
12	20.64	8.54	97.7

STATION 90 CRUISE 21  
 JULIAN DAY 263.31 ( 9/19/72 7:19)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.90	8.41	93.2
8	18.90	8.46	93.7
10	18.84	8.53	94.3
12	18.51	8.49	93.4
14	17.42	8.69	93.5
16	14.49	8.68	87.9
18	12.19	9.23	88.9

STATION 90 CRUISE 22  
 JULIAN DAY 269.73 ( 9/25/72 22:15)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.26	9.86	107.9
8	18.23	9.56	104.5
10	18.12	9.30	101.5
12	17.96	9.29	101.1
14	17.94	8.69	94.6

STATION 90 CRUISE 24  
 JULIAN DAY 285.39 (10/11/72 9:20)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.07	9.97	97.9
8	13.08	9.94	97.6
10	13.07	9.90	97.2
12	13.06	9.91	97.3
14	13.07	9.89	97.1

STATION 90 CRUISE 27  
 JULIAN DAY 334.41 (10/30/72 9:47)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.98	10.33	94.5
8	9.98	10.33	94.5
10	9.57	10.33	94.5
12	9.93	10.33	94.5
14	9.88	10.30	94.0

STATION 91 CRUISE 28  
 JULIAN DAY 312.08 (11/ 7/72 2: 1)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
0	9.44	10.46	94.8
8	9.63	10.46	94.8
10	9.61		94.7
12	9.60	10.45	94.5
14	9.59	10.44	94.6
16	9.59	10.38	94.1

STATION 91 CRUISE 14  
 JULIAN DAY 215.23 ( 8/ 2/72 5:34)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
0	22.32	7.32	86.3
8	22.33	7.32	86.3
10	22.33	7.31	86.1
12	22.24	7.26	85.4
14	21.84	7.24	84.6
16	19.22	7.15	79.7
18	13.86	8.33	83.2
20	10.05	9.17	84.1
22	8.15	9.83	86.3
24	7.22	10.21	87.3
26	6.65	15.61	89.5
28	6.04	10.83	89.9
30	5.60	11.06	90.7
32	5.24	11.11	90.3
34	4.96	11.24	90.8
36	4.81	11.27	90.6
38	4.75	11.43	91.7
40	4.70	11.15	89.4

STATION 51 CRUISE 14  
 JULIAN DAY 223.24 ( 8/15/72 5:47)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
0	16.99	8.92	95.1
8	14.24	9.46	95.3
10	10.54	10.28	95.3
12	8.07	10.97	95.3
14	7.18	11.21	95.7
16	6.25	11.45	95.6
18	5.44	11.75	96.0
20	4.98	11.80	95.3
22	4.64	11.84	94.8
24	4.53	11.72	93.5
26	4.46	11.68	93.1
28	4.44	11.67	92.9
30	4.43	11.61	92.5
32	4.41	11.58	92.1
34	4.34	11.64	92.5
36	4.28	11.73	93.0
38	4.26	11.78	93.4
40	4.28	11.75	93.2

STATION 91 CRUISE 19  
 JULIAN DAY 250.52 ( 9/7 6/72 0:30)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	14.58	9.26	95.4
8	14.41	8.81	89.1
10	14.47	8.63	87.3
12	14.55	8.31	84.3
14	14.44	8.22	83.2
16	14.39	h. 17	82.6
18	14.34	6.22	83.0
20	14.24	8.13	81.9
22	14.25	7.96	80.2
24	14.02	7.86	79.8
26	13.51	7.96	78.9

STATION 91 CRUISE 20  
 JULIAN DAY, 257.25 ( 9/13/72 5:54)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	20.50	20.47 8.55 8.56	97.7
10			47.6
12	20.36	20.45 8.47	96.5
14	20.17	8.52	97.0
16	19.44	8.42	96.4
18	17.77	8.79	98.3
20	17.66	8.35	90.3
	13.52	8.79	87.1
22	18.02	9.59	89.7
24	7.53	10.11 13.52	88.7
26			89.5

STATION 91 CRUISE 21  
 JULIAN DAY 263.28 (9/19/72 6:42)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.03	8.69	96.5
8	19.01	8.70	96.5
10	18.95	8.68	96.2
11	18.56	8.60	94.6
14	15.58	8.35	87.1
16	11.74	8.63	82.3
18	9.83	9.12	83.1
20	8.92	5.41	63.7
22	7.55	9.78	84.2
24	6.52	10.33	86.8
26	6.07	10.59	88.0
28	5.55	11.84	88.8
30	5.32	10.95	89.2



STATION 91 CRUISE 22  
 JULIAN DAY 269.30 ( 9/25/72 21:37)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.70	4.21	99.7
8	17.58	8.99	97.1
10	17.53	8.93	96.2
12	17.41	8.91	95.8
14	17.24	8.92	95.7
16	16.03	8.84	92.6
18	12.39	8.63	83.3
20	8.30	5.11	80.0
22	6.83	9.93	82.4
24	5.09	10.54	85.4
26	4.81	10.96	88.2
28	4.72	11.13	89.3
30	4.63	11.24	96.21
32	4.53	11.49	91.6

STATION 91 CRUISE 24  
 JULIAN DAY 265.36 (10/11/72 8:34)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.49	9.72	96.3
8	13.50	9.70	96.1
10	13.47	9.72	95.8
12	13.45	9.72	96.2
14	13.46	9.75	96.2
16	13.44	9.74	96.20
18	13.41	9.75	96.69
20	13.45		
22	13.42	9.77	96.6
24	13.37	9.74	96.19
26	13.31		
28	13.34	9.72	96.0
30	13.30	9.71	95.8
32	13.28	9.69	95.6
34	13.24	9.73	95.95
36	13.23		

STATION 91 CRUISE 28  
 JULIAN DAY 312.06 (11/7/72 1:23)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.94	10.33	94.4
8	9.92	10.32	
10	9.93	10.28	94.3
12	9.91	10.23	93.4

STATION 92 CRUISE 9  
 JULIAN DAY 175.50 ( 6/27/72 12:29)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	8.88	14.09	123.0
8	7.59	13.53	116.5
10	7.13	13.39	114.2
12	6.99	13.32	113.1
14	6.81	13.34	112.9
16	6.71	13.38	112.9
18	6.52	13.47	113.1
20	6.33	13.53	111.3
22	5.33	13.44	111.3
24	5.59	13.66	112.1
26	5.35	13.65	111.2
28	5.25	13.75	111.6
30	5.08	13.74	111.3
32	5.59	13.49	109.9
34	4.92	13.48	108.7
36	4.85	13.49	108.6
38	4.81	13.58	109.2
40	4.78	13.62	109.5
50	4.67	13.69	109.7
60	4.56	13.86	110.7
76	4.22	13.39	106.0

STATION 92 CRUISE 14  
 JULIAN DAY 215.17 ( 8/ 2/72 4: 7)

DEPTH (M)	TEMPERATURE (C)	PC (MG/L)	PERCENT SATURATION
6	21.84	7.94	92.8
8	21.85	7.95	92.9
10	21.85	7.90	92.3
12	21.84	7.88	92.1
14	21.82	7.91	92.5
16	21.75	7.88	92.0
18	21.56	7.92	92.1
20	21.32	7.97	92.2
22	19.28	7.97	88.9
24	15.77	8.61	89.6
26	12.16	9.23	88.8
28	8.92	9.89	88.2
30	7.66	10.21	88.3
32	7.16	10.44	89.1
34	6.55	11.61	89.2
36	5.92	10.80	89.4
38	5.34	11.03	89.9
40	5.01	11.18	90.4
50	4.42	11.48	91.3
60	4.18	11.45	90.6

STATION 92 CRUISE 16  
 JULIAN DAY 228.17 ( 8/15/72 4: 7)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	19.65	8.38	93.1
10	19.65	8.43	93.6
	19.64	8.42	93.5
12	19.62	8.43	93.5
14	19.60	8.34	92.5
16	18.99	8.26	91.6
18	18.75	8.23	90.9
20	17.77	8.39	90.9
22	16.94	8.94	95.3
24	15.77	9.12	94.9
26	12.79	9.25	94.1
28	8.92	10.31	99.58
30	8.72		92.0
34	7.49	11.21	36.3
	6.66	11.54	97.3
36	6.10	11.81	98.2
38	5.72	12.07	49.3
40	5.39	12.27	100.1
50	4.65	12.67	101.5
60	4.36	12.65	100.5

STATION 92 CRUISE 19  
 JULIAN DAY 249.96 ( 9/ 5/72 22:58)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	11.58	8.28	78.7
	11.46	8.53	76.0
10	11.35	8.05	76.1
12	11.39	8.21	77.6
14	11.39	7.99	75.6
16	11.32	7.78	73.4
18	11.28	7.91	74.3
20	10.81	8.12	75.8
24	10.44	7.82	72.3
	10.24	8.13	74.8
26	9.91	8.28	75.7
28	9.67	8.80	79.9
30	9.47	9.34	84.4
32	9.26	9.89	89.9
34	9.04	10.34	92.5
36	8.82	10.61	94.4
38	8.69	10.74	95.2
40	8.72	10.99	97.5
50	8.41	11.36	100.0

STATION 52 CRUISE 20  
 JULIAN DAY 257.12 ( 5/13/72 4:25)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
h	20.17	8.51	96.6
8	20.17	8.50	96.5
10	20.14	8.42	95.5
12	20.11	8.42	95.4
14	19.95	8.27	93.5
16	19.38	8.15	51.1
18	16.91	7.28	77.6
20	13.33	7.64	75.5
22	10.44	8.82	81.5
24	8.75	15.04	89.2
26	7.61	10.65	91.9
28	6.43	10.98	92.0
30	5.47	11.53	94.3
32	4.99	11.91	96.2
34	4.75	11.97	96.1
36	4.50	12.25	97.7
38	4.32	12.33	97.9
40	4.19	12.44	98.4
50	4.04	12.24	96.5
60	4.02	11.85	93.5

STATION 92 CRUISE 21  
 JULIAN DAY 263.22 ( 9/19/72 5:21)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.78	6.56	94.6
8	18.78	8.37	92.5
10	18.79	8.49	93.8
12	18.78	8.41	93.0
14	18.76	a.43	93.1
16	18.74	a.35	92.2
18	18.63	6.43	92.9
20	18.16	6.64	94.4
22	15.14	A.69	89.3
24	11.37	a.77	82.8
26	9.38	9.57	86.3
28	7.70	10.17	88.0
30	6.47	10.50	88.1
32	5.68	11.44	94.0
34	5.23	11.53	96.1
36	4.81	12.00	96.5
38	4.55	12.07	96.4
40	4.46	11.98	95.4
50	4.23	12.11	95.9
60	3.88	12.38	97.2

STATION 9 2 CRUISE 22  
 JULIAN DAY 269.84 ( 9/25/'72 23: 9)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.88	9.44	102.5
8	17.80	9.26	100.4
10	17.74	9.11	98.6
12	17.66	9.04	97.7
14	17.57	9.04	97.6
16	17.36	9.12	95.0
18	16.72	9.13	96.9
20	13.48	a.93	88.5
22	9.34	9.54	85.9
24	7.22	10.56	30.3
26	5.69	11.17	91.8
28	4.98	11.49	92.9
30	4.66	11.58	92.8
32	4.48	11.69	93.2
34	4.31	11.83	43.9
36	4.17	12.00	94.5
38	4.04	12.14	95.7
40	3.99	12.26	96.3
50	3.75	12.31	96.2
60	3.80	11.64	91.2

STATION 92 CRUISE 28  
 JULIAN DAY 311.94 (11/ 6/72 22:38)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	10.10	10.27	94.3
8	10.10	10.29	94.4
10	10.11	10.31	94.6
12	10.11	10.31	94.7
14	10.10	10.31	94.6
16	10.10	10.31	94.6
18	10.10	10.30	94.5
20	10.09	10.29	94.4
22	10.07	10.27	94.2
24	10.01	10.26	94.0
26	10.00	10.25	93.8
28	9.59	10.25	93.8
30	9.97	10.24	93.7
32	9.95	10.23	93.5
34	9.93	10.23	93.6
36	9.91	10.20	93.2
38	9.91	10.16	92.8
40	9.91	10.18	93.0
50	8.36	10.26	90.2
63	5.20	10.92	HR. 7

STATION 93 CRUISE 9  
 JULIAN DAY 179.48 ( 6/27/72 11:09)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	10.91	12.77	119.4
8	10.55	12.60	116.8
10	10.20	12.49	114.3
12	9.60	12.59	114.1
14	8.56	12.37	109.4
16	8.08	12.48	109.0
18	7.62	12.57	108.5
20	7.13	12.76	108.9
22	6.78	13.09	110.7
24	6.43	13.38	112.1
26	6.16	13.27	110.5
28	5.92	13.22	109.4
30	5.71	13.30	109.4
32	5.51	13.40	119.7
34	5.20	13.51	109.8
36	5.04	13.57	109.8
38	4.91	13.58	109.5
40	4.84	13.62	109.6
50	4.54	13.64	108.9
60	4.32	13.62	108.1
76	3.99	13.52	106.5

STATION 9 CRUISE 14  
 JULIAN DAY 215.08 ( 8/ 2/72 1:50)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.63	8.18	93.2
8	20.55	8.37	95.4 94.6
10	20.44		
12	20.21	8.47	96.1
14	19.76	8.66	96.5
16	18.91	8.82	43.3 95.9
18	16.57	9.36	
20	12.72	9.38	91.4
22	9.54	9.97	90.2
24	7.86	10.42	90.5
28	7.12	10.67	91.1
30	6.81	10.86	92.1
32		11.11	93.3
34	6.29	11.22	93.7
36	6.10	11.47	94.3
38	5.87	11.55	94.8 94.7
47	5.62	11.64	94.8
50	4.34	12.35	95.7
60	4.30	12.04	95.5
76	4.35	11.45	91.0

STATION 93 CRUISE 16  
 JULIAN DAY 226 (8/15/72 1:33)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.23	8.83	98.4
8	19.23	8.86	98.7
10	19.25	8.84	98.6
12	19.22	8.92	99.4
14	19.16	8.84	98.4
16	18.99	8.64	95.9
18	18.83	8.49	93.9
20	18.62	8.38	92.3
22	16.94	8.39	89.4
24	15.00	9.15	93.7
26	13.30	9.67	95.4
28	12.17	9.94	95.7
30	9.19	10.43	93.6
32	7.77	10.68	92.6
34	7.22	11.26	96.3
36	6.80	11.59	98.0
38	6.38	11.79	98.7
40	6.07	11.86	98.5
50	5.72	12.13	98.1
60	4.42	12.17	96.9
76	4.27	11.19	88.7

STATION 93 CRUISE 19  
 JULIAN DAY 248 (9/5/72 20:28)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.56	8.77	100.2
8	20.50	8.61	98.5
10	20.38	8.64	98.4%
12	20.12	8.52	
14	19.28	8.33	52.3
16	16.16	7.94	73.9
18	13.02	7.96	78.1
20	11.21	8.38	78.9
22	9.21	8.99	80.8
26	7.52	10.18	87.7
28	6.33	10.87	90.8
30	5.53	11.29	92.5
32	5.18	11.62	94.3
34	5.10	11.96	96.4
36	4.91	11.88	95.4
38	4.64	11.92	95.4
40	4.56	11.93	95.3
50	4.43	12.01	95.6
60	3.95	12.66	99.6
76	3.84	11.83	82.7

STATION 93 CRUISE 20  
 JULIAN DAY 257.99 ( 9/13/72 2:14)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.42	8.76	93.9
8	20.40	8.79	100.2
10	20.39	8.71	99.2
12	20.37	8.75	55.6
14	20.31	8.77	94.7
16	20.09	8.80	99.7
18	19.20	8.55	95.2
20	16.23	8.33	84.4
22	12.24	8.50	80.9
24	9.39	9.36	84.4
26	7.49	10.42	89.7
28	6.35	11.13	93.1
30	5.72	11.51	94.8
32	5.39	11.96	97.6
34	5.13	11.89	96.4
36	4.92	12.00	96.8
38	4.73	12.04	96.7
40	4.61	12.11	4h.8
50	4.24	12.30	97.4
60	3.99	12.27	96.6

STATION 93 CRUISE 21  
 JULIAN DAY 263.13 ( 9/19/72 3:10)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.74	8.80	97.2
8	18.72	8.86	97.8
10	18.73	8.86	97.8
12	18.72	9.01	99.4
14	18.71	8.89	98.1
16	18.69	8.97	98.9
18	18.66	8.87	97.8
20	18.41	8.86	97.2
22	16.11	8.63	90.5
24	12.05	8.91	85.5
26	9.85	9.33	85.1
28	8.13	10.36	90.6
30	6.67	11.08	93.4
32	5.70	11.61	95.5
34	5.17	11.75	95.4
36	4.87	11.87	95.6
38	4.72	12.03	96.5
40	4.60	11.96	95.7
50	4.02	12.39	97.6
60	3.79	12.43	97.3



STATION 93 CRUISE 22  
 JULIAN DAY 269.75 ( 9/25/72 17:55)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.73	8.12	96.6
8	17.62	9.03	97.1
10	17.51	9.03	97.3
12	17.34	8.93	96.6
14	17.13	8.65	94.7
16	16.67	8.92	94.6
18	15.56	9.21	95.5
20	13.40	9.55	94.5
22	10.06	9.57	87.7
24	7.59	15.31	89.0
26	6.40	11.60	92.2
28	5.74	11.54	95.1
30	5.41	11.77	96.1
32	5.17	12.09	98.1
34	4.95	12.21	98.6
36	4.81	12.32	99.1
38	4.67	12.48	100.0
40	4.51	12.43	99.1
42	4.11	12.77	100.9
60	3.85	13.09	102.7
76	3.74	12.02	94.0

STATION 93 CRUISE 24  
 JULIAN DAY 285.20 (10/11/72 4:46)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.00	10.17	95.7
8	13.00	10.17	99.7
10	13.00	10.16	99.6
12	13.00	10.16	99.4
14	13.00	10.13	
18	13.00	10.11	99.3
20	13.00	10.12	99.2
22	13.00	10.13	99.3
24	12.99	10.12	99.2
26	12.94	10.13	95.0
28	12.90	10.06	98.5
30	12.8	10.08	98.6
32	12.74	10.08	98.5
34	12.67	10.07	98.2
36	12.58	10.04	97.7
38	12.50	10.02	97.3
40	12.26	10.00	97.1
50	5.93	9.08	96.3
60	4.66	10.85	89.8
		11.21	85.8

STATION 93 CRUISE 28  
 JULIAN DAY 311.86 (11/6/72 20:36)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	10.10	10.45	95.9
8	10.10	10.43	95.7
10	10.08	10.41	95.5
12	10.06	10.39	95.3
14	10.05	10.37	95.1
16	10.02	10.35	94.8
18	10.00	10.33	94.6
20	10.00	10.32	94.5
22	10.00	10.31	94.4
24	10.00	10.30	94.3
25	10.00	10.29	94.2
28	9.99	10.28	94.1
30	9.95	10.27	93.9
32	9.94	10.26	93.8
34	9.91	17.25	93.6
36	9.90	10.24	93.5
38	9.89	10.24	93.5
40	9.51	10.22	93.4
50	9.36	10.27	92.5
60	6.93	10.51	89.2

STATION 94 CRUISE 14  
 JULIAN DAY 215.05 (8/2/72 1:6)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
10	20.62	8.20 7.6	88.8
12	20.57	8.24 8.16	94.3 93.9
14			93.3
16	20.27	8.97	91.7
18	19.44	7.99	89.4
20	18.60	8.01	88.2
22	17.98	8.04	87.5
24	16.20	8.55	84.6
26	12.41	8.18	79.2
28	9.53	8.44	76.4
30	8.31	8.45	74.2
32	7.64	8.46	73.1
34	7.11	8.56	73.3
36	6.43	8.74	73.2

STATION 4 CRUISE 19  
 JULIAN DAY 249.82 ( 9/5/72 19:43)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.91	8.25	04.9
a	20.88	8.05	92.6
10	20.85	8.02	
12	20.82	8.11	42.2 93.1
14	20.76	7.99	91.6
16	20.41	7.90	93.0
18	18.65	7.89	86.0
20	13.87		77.9
22	12.64	7.77	78.4
24	11.03	8.30	77.8
26	10.15	8.52	78.3
28	8.75	8.81	78.3
30	8.15	8.66	75.8
32	7.99	8.86	77.2

STATION 94 CRUISE 20  
 JULIAN DAY 257.65 ( 9/13/72 1:15)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.47	8.77	100.0
8	20.45	8.83	100.7
10	20.44	8.67	98.8
12	20.45	8.75	99.8
14	20.44	8.63	98.4
16	20.40	8.68	99.0
18	20.23	8.44	95.9
20	19.29	7.84	87.5
22	14.82	7.93	80.9
24	12.34	8.16	78.8
26	10.49	8.59	79.3
28	9.27	8.96	80.6
30	8.14	9.03	79.0
32	7.76	8.98	77.8

STATION 94 CRUISE 20  
 JULIAN DAY 257.06 ( 9/13/72 1:27)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.44 0.46	8.76	100.2
8		8.81	100.5
10	20.45	8.71	99.4
12	20.43	8.68	99.0
14	20.44	8.61	98.2
16	20.39	8.54	97.1
18	20.27	8.39	95.3
20	19.51	7.91	88.6
22	15.37	7.80	86.5
24	12.86	8.27	80.8
26	10.47	8.61	79.6
28	9.29	8.89	80.0
30	8.44	8.94	78.8
32	7.76	8.99	77.9
34	7.45	9.15	76.7

STATION 94 CRUISE 21  
 JULIAN DAY 263.10 ( 9/19/72 2:28)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	18.86	8.94	98.9
	18.86	8.92	98.8
10	18.87	8.89	97.5
12	18.85	8.82	97.7
14	18.84	8.84	91.6 97.8
	18.87	8.82	
20	18.81	8.83	97.7
22	18.87	8.75	96.8
24	17.49	8.83	97.4
26	12.48 14.98	8.26	89.3
28		8.01	82.0
		7.82	75.8
30	10.08	8.20	75.2
32	8.79	8.75	77.8
34	8.02	9.08	73.2
36	7.53	9.49	81.7

STATION 94 CRUISE 22  
 JULIAN DAY 269.72 ( 9/25/72 17: 9)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	17.76 17.79	8.77	95.1
		8.71	94.4
10	17.71	8.62	93.3
12	17.67	8.57	92.7
14	17.59	8.50	91.8
16	17.55	8.48	91.5
18	17.48	8.49	91.5
20	17.28	8.51	91.3
22	16.28	8.40	88.4
24	14.20	8.45	85.0
26	12.17	8.52	82.0
28	9.84	8.66	79.2
30	8.40	8.86	78.0
32	7.52	9.20	79.2
34	6.91	9.19	78.0

STATION 94 CRUISE 24  
 JULIAN DAY 285.16 (10/11/72 3:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.70	9.87	98.2
8	13.70	9.86	98.2
10	13.69	9.86	98.1
12	13.70	9.86	98.1
14	13.71	9.85	98.1
16	13.72	9.85	98.1
18	13.70	9.85	98.0
20	13.71	9.85	98.1
22	13.70	9.84	98.0
24	13.73	9.82	47.6
26	13.70	9.83	97.8
28	13.71	9.83	97.3
30	13.70	9.82	97.9

STATION 94 CRUISE 28  
 JULIAN DAY 311.83 (11/6/72 19:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.80	10.48	95.5
8	9.80	10.48	95.5
10	9.78	10.48	95.4
12	9.78	10.46	95.2
14	9.78	10.45	95.1
16	9.78	10.46	95.2
18	9.77	10.44	95.1
20	9.77	10.44	95.0
22	9.76	10.43	94.9
24	9.75	10.41	94.7
26	9.71	10.40	94.5
28	9.72	10.39	94.4
30	9.70	10.37	94.2

STATION 95 CRUISE 14  
 JULIAN DAY 214.78 (8/1/72 18:48)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.48	7.68	89.1
8	21.48	7.68	89.1
10	21.46	7.71	89.5
12	21.46	7.71	89.5
14	21.43	7.66	88.9
16	21.37	7.55	87.5
18	21.10	7.54	87.1
20	20.42	7.49	85.4

STATION 95 CRUISE 14  
 JULIAN DAY C A Y 214.79 (8/1/72 18:52)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.47	7.71	89.5
8	21.48	7.72	89.6
10	21.46	7.68	89.2
12	21.46	7.55	88.8
14	21.44	7.66	88.9
16	21.30	7.53	87.8
20	20.304	7.54	85.8

STATION 95 CRUISE 16  
 JULIAN DAY A Y 227.80 (A/14/72 19: 7)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.36	8.98	155.2
8	19.23	8.94	139.8
10	19.46	8.85	SE.6
12	19.18	8.75	97.4
14	19.10	8.63	96.0
16	19.05	8.56	95.1
18		8.45	
20	19.01	8.09	93.689,1

STATION 95 CRUISE 19  
 JULIAN DAY 249.59 ( 9/5/72 14:3)

DEPTH (M)	TEMPERATURE (C)	CO (MG/L)	PERCENT SATURATION
6	19.47	8.21	51.6
8	18.92	7.86	87.0
10	17.72	7.33	79.4
12	15.83	7.15	74.6
14	12.78	7.32	71.4
16	10.15	7.12	65.4
18	9.39	7.14	64.4
20	9.15	7.13	63.9
22	8.76	7.42	65.9

STATION 95 CRUISE 20  
 JULIAN DAY 256.79 ( 9/12/72 18:50)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.92	8.73	98.5
8	19.90	8.66	37.0
10	19.87	8.57	96.7
12	19.81	8.61	97.0
14	19.77	8.52	96.3
16	19.67	8.42	94.6
18	19.42	8.08	88.4
20	16.68	7.30	77.4
22	11.55	6.64	53.0

STATION 95 CRUISE 21  
 JULIAN DAY 262.87 ( 9/18/72 20:59)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.98	8.58	95.2
8	18.97	8.67	96.1
10	18.98	8.65	96.0
12	18.98	8.76	97.1
14	18.98	8.67	96.2
16	18.96	8.70	96.5
18	18.93	8.63	95.6

STATION 95 CRUISE 22  
 JULIAN DAY 269.48 ( 9/25/72 11:29)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.76	8.86	96.0
8	17.76	8.86	96.0
10	17.75	8.87	96.1
12	17.71	8.84	95.7
14	17.65	8.80	95.2
16	17.50	8.68	93.6
18	17.10	8.55	91.4
20	16.34	8.20	86.4
22	15.51	7.77	80.5
24	15.02	7.50	76.9

STATION 95 CRUISE 24  
 JULIAN DAY 284.92 (10/15/72 22:10)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.89	9.76	97.6
8	13.90	9.78	97.8
10	13.89	9.78	97.7
12	13.85	9.82	98.1
14	13.78	9.84	98.1
16	13.83	9.83	98.1

STATION 91 CRUISE 28  
 JULIAN DAY 311.66 (11/6/72 14:17)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.75	10.42	94.9
8	9.80	10.42	95.0
10	9.79	10.42	94.9
12	9.80	10.42	95.0
14	9.80	10.41	94.8
16	9.80	10.41	94.8
18	9.80	10.34	94.2

STATION 96 CRUISE 14  
 JULIAN DAY 214.81 (8/1/72 19:31)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.70	7.75	89.8
8	20.70	7.76	89.9
10	20.69	7.80	89.3
12	20.69	7.71	88.4
14	20.62	7.65	87.6
16	20.55	7.37	83.4
18	18.23	7.16	78.4
20	15.45	7.01	72.5
22	12.68	7.01	68.3
24	11.34	7.06	66.7
26	10.52	7.07	65.5
28	10.26	7.02	64.7
30	9.68	6.85	62.2
32	9.05	6.78	60.7

STATION 96 CRUISE 16  
 JULIAN DAY 227.83 (E/11/72 19:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.26	8.88	99.1
	19.17	8.81	98.1
	19.59	8.79	97.7
	19.02	8.69	96.4
	18.96	8.64	95.8
	18.90	8.57	94.5
	18.86	8.50	94.1
	17.99	8.33	90.7
	15.67	7.71	72.4
	13.37	6.87	67.7
	11.28	7.36	66.6
	10.59	7.14	66.3
	9.67	7.18	65.2
	9.41	7.35	66.3

JULIAN DAY 249.61 ( 9/5/72 14:33)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	20.24	8.22	93.5
12	20.15	7.94	93.4
14	19.54	7.94	89.5
16	18.77	7.74	86.9
18	17.14	6.87	75.8
22	25.71	6.40	ER.5
24	15.04	5.98	62.1
26	12.34	6.17	63.9 63.3
28	8.36	6.66	
30	7.34	8.05	75.8
32		8.23	75.6

STATION 96 CRUISE 20  
 JULIAN DAY 256.82 ( 9/12/72 19:37)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.21	8.68	98.6
8	20.19	8.59	97.5
10	20.17	8.56	97.2
12	20.16	8.53	96.8
14	20.00	8.53	96.5
16	19.49	8.10	90.7
18	16.74	7.07	75.1
20	13.81	6.42	64.1
22	12.46	6.58	63.7
24	10.26	6.91	63.6
26	8.47	7.65	67.5
28	7.96	7.93	69.1
30	7.58	8.11	70.0

STATION 96 CRUISE 21  
 JULIAN DAY 262.90 ( 9/18/72 21:33)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.39	9.01	98.8
8	18.39	8.87	97.3
10	18.39	8.99	98.6
12	18.39	8.99	98.5
14	18.38	8.86	97.1
16	18.36	8.89	97.4
18	18.34	8.80	96.4
20	18.18	8.85	96.7
22	18.09	8.44	92.1
24	15.52	7.74	80.1
26	12.40	7.30	70.6
28	11.42	6.53	55.6



STATION 96 CRUISE 22  
 JULIAN DAY 269.50 ( 9/25/72 12: 1)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.64	9.11	98.5
8	17.63	9.07	98.0
10	17.62	8.96	96.8
12	17.65	8.91	96.2
14	17.57	8.85	95.5
16	17.55	8.76	94.5
18	17.44	8.69	93.5
20	17.29	8.63	92.6
22	17.25	8.47	90.9
24	14.44	7.64	77.3
26	11.58	7.00	66.5
28	10.57	6.73	62.4
30	10.14	6.74	61.9

STATION 96 CRUISE 24  
 JULIAN DAY 284.95 (10/10/72 22:41)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	13.31	10.02	98.9
8	13.35	10.03	99.1
10	13.32	10.04	99.1
12	13.31	10.02	98.9
14	13.31	10.02	98.9
16	13.30	10.06	99.3
18	13.30	10.02	98.9
20	13.26	10.02	98.8
22	12.57	9.82	95.4
24	10.45	9.76	90.3
26	9.89	9.98	89.4
28	8.45	9.82	86.6
30	8.01	9.91	86.4

STATION 96 CRUISE 28  
 JULIAN DAY 311.62 (11/ 6/72 14:56)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.60	10.45	94.8
8	9.61	10.45	94.8
10	9.60	10.45	94.7
14	9.60	10.46	94.8
16	9.63	10.45	44.8
18	9.57	11.45	94.6
	9.58		94.7
22	9.59	10.44	94.6
24	9.59	10.43	94.5
26	9.59	10.42	94.4
28	9.59	10.41	94.3
30	9.59	10.43	94.5
32	9.59	10.41	54.3

STATION 97 CRUISE 14  
 JULIAN DAY 214.84 ( 8/ 1/72 20: 6)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.80	7.64	67.7
8	20.80	7.66	67.9
10	20.81	7.65	67.8
12	20.79	7.66	67.9
14	20.75	7.57	66.8
16	20.68	7.49	65.7
18	20.46	7.34	63.7
20	25.11	7.06	63.0
22	18.38	6.82	74.0
24	16.55	6.67	70.6
26	14.37	6.69	67.6

STATION 97 CRUISE 16  
 JULIAN DAY 227.86 ( R/14/72 20:31)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.21	9.68	107.9
8	19.04	9.54	105.9
10	18.99	9.22	102.3
12	18.96	9.03	100.1
14	18.93	8.95	99.2
16	18.92	8.83	97.8
18	18.90	8.80	97.5
20	18.69	8.65	95.4
22	17.48	7.65	82.4
24	16.29	7.10	74.7
26	13.31	7.03	69.4

STATION 97 CRUISE 19  
 JULIAN DAY 249.64 ( 9/ 5/72 15:16)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.43	8.22	33.7
8	20.41	8.11	92.4
10	20.37	8.22	93.7
12	25.24	8.16	92.8
14	19.67	7.82	87.9
16	18.17	6.35	69.4
18	15.84	5.98	62.3
20	13.22	6.29	62.1
22	11.81	6.51	62.2

STATION 97 CRUISE 21  
 JULIAN DAY 262.93 ( 9/18/72 22:12)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.34	8.88	97.4
8	18.36	8.91	97.6
10	18.36	9.00	98.7
12	18.35	8.83	96.8
14	18.33	8.83	95.7
16	18.28	8.66	97.0
18	18.07	8.72	95.1
20	17.24	7.82	83.9
22	15.72	6.64	71.1

STATION 97 CRUISE 22  
 JULIAN DAY 269.53 ( 9/25/72 12:37)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
8	17.53	8.99	97.1
10	17.53	8.97	96.8
12	17.57	8.95	96.5
14	17.44	8.86	95.4
16	17.40	8.74	94.0
18	17.35	8.62	92.7
20	17.33	8.58	92.1
22	17.27	8.39	90.0
24	16.96	8.13	86.7

STATION 97 CRUISE 28  
 JULIAN DAY 311.65 (11/6/72 15:29)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.33	12.52	108.3
8	9.33	12.32	110.9
10	9.34	12.64	113.8
12	9.33	12.92	116.4
14	9.33	13.22	119.1
16	9.31	13.48	121.3
18	9.30	13.08	117.7
20	9.30	14.22	128.0
22	9.30	14.52	130.7
24	9.31	17.20	154.8

STATION 98 CRUISE 14  
 JULIAN DAY 214.88 ( 8/1/72 21: 7)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.53	7.51	87.3
8	21.51	7.58	88.0
10	21.50	7.63	88.6
12	21.48	7.61	88.3
14	21.47	7.55	87.7
16	21.39	7.51	87.0
18	20.69	7.19	82.4
20	19.63	6.83	76.6
22	18.25	6.61	72.7
24	16.95	6.24	66.5
26	14.81	6.11	62.3
28	10.52	6.21	57.5

STATION 70 CRUISE 18  
 JULIAN DAY 227.89 ( 8/14/72 21:24)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	19.63	9.51	106.8
8	19.48	9.29	104.0
10	19.33	9.19	102.6
12	19.23	8.80	98.1
14	19.20	8.55	95.3
16	19.13	8.59	95.6
18	19.09	8.50	94.5
20	15.96	8.40	90.8
22	13.99	7.45	77.8
24		6.70	67.1
26	10.16	6.89	63.3
28	8.05	7.81	68.2

STATION 98 CRUISE 19  
 JULIAN DAY 249.67 ( 9/ 5/72 16:10)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.34	8.19	93.2
8	20.29	7.88	89.5
10	20.18	7.79	88.4
12	19.81	7.55	85.1
14	18.55	7.17	78.8
16	16.44	5.45 6.24	65.8
18	14.75		55.7
20	12.54	6.44	62.5
22	9.65	6.97	63.3
24		7.40	66.2
26	9.03	7.02	62.2
	8.67		

STATION 98 CRUISE 20  
 JULIAN DAY 256.90 ( 9/12/72 21:35)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.53	8.76	100.0
8	20.50	8.75	99.9
10	20.49	8.64	98.6
12	20.48	8.66	98.8
14	20.46	8.64	98.6
16	20.44	8.60	98.1
18	20.26	8.42	95.7
20	18.91	7.43	82.3
22	15.12	6.21	63.8
24	13.32	5.51	54.4
26	12.17	5.53	57.2

STATION 98 CRUISE 21  
 JULIAN DAY 262.96 ( 9/18/72 23: 5)

DEPTH (M)	TEMPERATURE (C)	CO (MG/L)	PERCENT SATURATION
6	18.70	8.71	96.1
8	18.71	8.63	95.2
10	18.69	8.68	95.7
12	18.70	8.70	96.0
14	18.69	8.65	95.4
16	18.69	8.69	95.6
18	18.68	8.61	44.5
20	18.64	8.54	94.1
22	18.10	8.23	89.8
24	15.15	7.23	74.3
26	11.47	6.38	60.4
28	9.26	6.57	59.1

STATION 98 CRUISE 22  
 JULIAN DAY 258.56 ( 9/25/72 13:32)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.51	8.78	94.6
8	17.51	8.68	93.5
10	17.51	8.70	93.8
12	17.50	8.69	93.6
14	17.47	8.67	93.4
16	17.45	8.61	92.7
18	17.43	8.60	92.6
20	17.32	8.57	92.3
22	16.96	7.99	85.2
24	15.28	7.85	80.3
26	14.98	6.54	65.7
28	9.93	6.20	56.7

STATION 98 CRUISE 24  
 JULIAN DAY 285.01 (10/11/72 0:14)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	13.77	9.79	97.6
		9.80	
10	13.80 13.76	9.80	97.7 97.6
12	13.78 13.74	9.79	97.7 97.6
14	13.72	9.79	97.5
16	13.71	9.76	97.2
18	13.71	9.75	97.1
20	13.72 13.72	9.75	97.1 97.1
22	13.70	9.73	96.9
24	13.70	9.73	96.9
26	13.64 13.69	9.72	96.5 96.7
28		9.71	

JULIAN DAY 311.88 (11/6/72 16:25)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	9.30	10.66	95.9
	0.30	10.63	95.7
10	5.31	10.63	95.7
12	9.30	10.62	95.6
14	9.30	10.63	95.7
16	9.31	10.63	95.7
18	9.31	10.62	95.6
20	9.31	10.61	95.5
22	9.31	10.58	95.3
24	9.30	10.59	95.3

STATION 99 CRUISE 14  
JULIAN DAY 214.92 (8/1/72 22:10)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	21.34	7.99	92.6
6	21.33	8.00	92.6
10	21.33		
12	21.32	7.99	92.5
14	21.30	7.98	92.4
16	21.23	7.94	91.8
18		7.73	88.3
	20.45	7.58	86.4
20	20.45	7.46	83.1
24	17.82	7.24	78.5
26	16.17	7.18	75.4
28	14.02		72.5
30	11.53	7.23	
32	8.02	7.78	69.3
34	7.17	7.97	67.4
36	6.79	8.03	
38	6.62	8.20	be.7
40	6.38		67.7

STATION 99 CRUISE / b  
JULIAN DAY 227.93 (8/14/72 22:16)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	19.70	9.10	102.3
	19.68	9.34	101.6
10	19.65	9.92	100.2
12	19.61	0.74	98.3
14	19.51	8.66	97.0
16	19.42	8.61	96.2
18	19.34	8.58	95.8
20	19.25	8.49	94.7
22	19.16	8.37	92.5
24	11.72	8.04	87.0
26	16.14	7.91	83.0
28	14.05	8.00	80.2
30	12.04	8.00	76.8
32	10.43	7.84	72.5
34	9.05	8.09	72.3
36	8.19	8.63	75.6
38	7.83	8.82	76.6
40	7.54	8.81	76.0

STATION 99 CRUISE 19  
 JULIAN DAY 249.70 ( 9/ 5/72 16:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.61	8.33	95.3
8	20.56	8.25	94.3
10	20.55	8.11	92.6
12	20.47	8.07	92.1
14	20.30	8.11	92.3
16	19.59	8.13	91.3
18	17.92	7.71	83.8
20	13.45	7.35	72.7
22	9.60	7.91	71.7
24	8.14	8.33	72.9
26	7.35	8.78	75.3
28	7.01	9.01	76.7
30	6.73	9.17	77.5
32	6.57	9.33	78.5
34	6.53	9.35	78.5
36	6.44	9.37	78.6
38	6.37	9.30	77.8
40	6.30	9.19	76.8

STATION 99 CRUISE 20  
 JULIAN DAY 256.94 ( 9/12/72 22:29)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.26	8.84	100.4
8	20.25	8.87	100.8
10	20.25	8.82	100.2
12	20.24	8.73	99.2
14	20.22	8.71	98.9
16	20.25	8.56	98.4
18	20.17	8.67	98.3

STATION 99 CRUISE 21  
 JULIAN DAY 262.99 ( 9/18/72 23:51)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	18.88	8.58	95.0
8	18.90	8.61	95.4
10	18.89	8.67	96.0
12	18.89	8.61	95.4
14	18.90	8.61	95.4
16	18.89	8.52	94.4
18	18.87	8.58	95.0
20	18.87	8.56	
22	18.83	8.56	94.7
24	18.58	8.60	94.7
26	17.60	8.46	91.4
28	14.84	7.73	78.9
30	10.98	7.42	69.5

STATION 77 CRUISE 22  
 JULIAN DAY 269.60 (9/25/72 14:21)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	17.77	8.64	93.7
8	17.80	8.54	92.6
10	17.80	8.53	92.5
12	17.78	8.58	93.1
14	17.74	8.63	93.4
16	17.72	8.60	93.1
18	17.63	8.58	92.7
20	17.53	8.46	91.3
22	17.45	8.39	90.3
24	17.31	8.42	90.3
26	16.36	8.30	87.5
28	11.44	7.79	73.8
30	8.95	7.57	67.6
32	7.56	8.12	70.0
34	7.01	8.25	70.2
36	6.93	8.31	70.6
38	6.91	8.40	71.3
40	6.43	8.51	72.2

STATION 99 CRUISE 24  
 JULIAN DAY 285.04 (10/11/72 13:30)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	12.68	10.33	97.5
8	12.66	10.35	97.8
10	12.69	10.36	97.9
12	12.67	10.34	97.8
14	12.65	10.05	97.6
16	12.62	10.03	97.5
18	12.64	10.03	97.6
20	12.63	10.03	97.6
22	12.68	10.03	97.6

STATION 09 CRUISE 28  
 JULIAN DAY 311.72 (11/16/72 17:11)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6		10.47	
8	9.62 5.62	10.46	95.0
10	9.63	10.46	94.9
12			
16	9.63 9.63	10.44 10.45	94.8
18	9.63 9.63	10.43	94.6
20	9.60	10.43	94.6
22	9.60	10.43	94.5
24	9.60	10.42	94.5
26	9.60	10.44	94.6
28	9.56	10.44	94.6
30	9.56	13.45	54.6
32	9.52	11.45	54.5
34	9.51	10.44	94.4
36	9.51		94.5
38		10.45	
40	9.50 9.49	10.44 10.46	94.4 94.6



STATION 100 CRUISE 14  
 JULIAN DAY 214.96 ( 8/1/72 23: 21

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6		7.55	88.8
8	22.22 22.17	7.52	88.4
10	22.13	7.48	87.9
12	22.10	7.43	87.3
14	22.03	7.33	86.0
16	21.85	7.13	83.3
18	21.58	7.07	82.2

STATION 100 CRUISE 14  
 JULIAN DAY 227.96 ( 8/14/72 22:58)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			me
8	20.29 20.44	9.27	115.7
		9.15	104.1
12	20.09	6.93	102.3
14	19.31		100.6
	19.72	8.37	98.1
16	19.66	8.24	96.3
18	19.33		92.0
20	18.90	7.91	87.7

STATION 100 CRUISE 20  
 JULIAN DAY 256.97 ( 9/12/72 23:10)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6	20.56	8.84	101.1
8	23.53	8.83	153.9
	20.51		101.9
10	20.32	8.79	100.3
14	20.52	8.79	100.2
16	19.88	8.13	91.7
18	17.54	7.49	80.8

STATION 100 CRUISE 21  
 JULIAN DAY 263.02 ( 9/19/72 0:29)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
b	19.09	8.26	91.8
8	19.08	8.30	92.2
10	19.09	8.32	92.5
12	19.09	a . 34	92.7
14	19.08	a . 34	92.7
16	19.08	8.21	91.2
18	19.29	8.41	93.5

STATION 110 CRUISE 22  
 JULIAN DAY 269.63 (9/25/72 15:4)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	17.86	8.75	15.1
	17.86	8.73	94.8
12	17.81	8.72	94.6
14	17.82	8.66	94.0
16	17.81	8.55	92.9
18	17.78	8.48	91.9
	17.77	8.58	93.0

STATION 1 - 0 CRUISE 24  
 JULIAN DAY 255.37 (10/11/72 1:44)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			
8	13.51 13.62	9.95 9.95	98.9 98.9
10	13.65	9.45	98.9
12	13.64		98.9
14	13.64	9.93	98.7
16	13.62	9.95	98.8

STATION 110 CRUISE 28  
 JULIAN DAY 311.75 (11/17/72 17:58)

DEPTH (M)	TEMPERATURE (C)	DO (MG/L)	PERCENT SATURATION
6			96.2
8	9.18 9.19	10.72 10.73	96.2
12	9.16	10.71	96.0
14	9.14	10.69	95.9
	9.17	10.69	95.9
16	9.12	10.70	95.9
18	9.10	10.67	95.6