FINAL REPORT

Data Synthesis and Analysis
Nitrogen Processes Study (NIPS)
Nutrient Distributions and Dynamics in Lavaca, San Antonio and Nueces/Corpus Christi Bays in Relation to Freshwater Inflow
Part II: Hydrography, Nutrient and Chlorophyll Data Tables

by

Terry E. Whitledge
Marine Science Institute
The University of Texas at Austin
Port Aransas, Texas 78373-1267

for

Bays and Estuaries Program
Environmental Systems Section
Texas Water Development Board
P. O. Box 13231 Capitol Station
Austin, Texas 78711-3231

December 1989
The University of Texas Marine Science Institute
Technical Report No. TR/89-007

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THE UNIVERSITY OF TEXAS AT AUSTIN
MARINE SCIENCE INSTITUTE
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ACKNOWLEDGEMENT

In response to House Bill 2 (1985) and Senate Bill 683(1987), as enacted by the Texas Legislature, the Texas Parks and Wildlife Department and the texas Water Development Board must maintain a continuous data collection and analytical study program on the effects of and needs for freshwater inflow to the State's bays and estuaries. As part of the mandated study program. This research project was funded through the Board's Water Research and Planning Fund, authorized under Texas Water Code Sections 15.402 and 16.058(e), and administered by the Department under interagency cooperative contract Nos. 9-483-705, 9-483-706, and 8-483-607.

TABLE OF CONTENTS

Introduction

Table of Units

Data Tables - San Antonio Bay (NIPS-I)

19-21 November 1986
Survey
Time Series at Stations A, B, C and D

26-28 January 1987
Survey
Time Series at Stations A, B, C and D

4 March 1987
Survey

6-8 April 1987
Survey
Time Series at Stations A, B, C and D

2-3 June 1987
Survey

14-15 July 1987
Survey
Time Series at Stations A, B, C and D

7-8 July 1988
Survey
Time Series at Stations A, B, C and D

Data Tables - Nueces/Corpus Christi Bays (NIPS-II)

23 September 1987
Survey

20-21 October 1987
Survey
Time Series at Stations A, B, C and D

19-20 November 1987
Survey

8-9 December 1987
Survey
Time Series at Stations A, B, C and D

21 Ja nuary 1988
Survey

16-17 February 1988
Survey
Time Series at Stations A, B, C and D

23-24 March 1988
Survey

12-13 April 1988
Survey
Time Series at Stations A, B, C and D

10-11 May 1988
Survey
Time Series at Stations A, B, C and D

15-16 June 1988
Survey

12-14 July 1988
Survey
Time Series at Stations A, B, C and D

10-11 August 1988
Survey

INTRODUCTION

This volume contains all hydrographic, nutrient and chlorophyll data collected at discrete sampling depths during 1986-1987 in San Antonio Bay and 1987-1988 in Nueces/Corpus Christi Bay. Water samples were normally collected just under the surface by hand and approximately 4 inches above the bottom by a horizontal water sampling bottle. Since the Seabird CTD instrument records a continuous profile, not all of the data are reported here. The surface and bottom values were extracted from the data and merged with the water sample data. The complete profiles of CTD data are contained in the reports of A. Amos. Additional details of sampling and analysis methods are given in Volume I of this report.

The tabular data are listed chronologically with survey and time series data for each field sampling. All collected data are listed in this report. Time series data were often difficult or impossible to obtain during the periods of darkness or inclement weather especially at experimental sites B and D. A table of units preceeds the tabular listings.

The other parts of this final report are:

Part I - Results and Discussion

Part II - Time Series Data Plots

TABLE OF UNITS

STA	DATE	TIME	LAT	LON	TEMP	SAL	SIGMA-t
	m	local	N	W	°C	ppt	density

NO3	NO2	NH4	PO4	SIO4	Chl a	Phaeo	Oxygen
μmole/1	μmole/1	μmole/1	μmole/1	μmole/1	ug/l1	ug/l	ppm

Secchi	Trans	Depth
cm	percent	m

Note: Salinity was measured with several often simultaneous techniques. Each type is listed separately in the data tables under the following classifications.

Sal-C This is an *in situ* measurement of conductivity from the model 4000 Hydrolab which is corrected to 25°C. The conductivity was then converted to salinity using the practical salinity scale.

Sal-CTD This is an *in situ* measurement of conductivity from the Seabird model Seacat which is a new high precision instrument (0.003 ppt). Salinity is then calculated as a function of depth (pressure) and temperature.

Sal-R This is salinity as determined by a hand refractometer.

Sal-B This is salinity as determined from bottle samples that were collected in thefield and returned to the lab and analyzed for conductivity ratio by the AGE Minisal salinometer. The best accuracy is about 0.0005 ppt.

SAN ANTONIO BAY (NIPS-I) NOV 1986

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	191186	945	28.4543	96.7922	18.6	0.4
1	1.00	191186	945	28.4543	96.7922	18.7	0.4
2	0.00	191186	1000	28.4462	96.7878	19.0	0.4
2	1.00	191186	1000	28.4462	96.7878	19.0	0.5
3	0.00	191186	1015	28.4023	96.7488	17.5	8.7
3	1.25	191186	1015	28.4023	96.7488	16.5	12.6
4	0.00	191186	1030	28.3927	96.7733	18.6	4.4
4	1.50	191186	1030	28.3927	96.7733	15.6	14.5
5	0.00	191186	1055	28.3790	96.7868	18.5	5.7
5	1.50	191186	1055	28.3790	96.7868	15.8	13.9
6	0.00	191186	1045	28.3705	96.8018	18.5	4.4
6	1.12	191186	1045	28.3705	96.8018	18.3	4.4
7				28.4123	96.8218		
7				28.4123	96.8218		
8	0.00	191186	1200	28.3485	96.7828	19.0	8.7
8	1.50	191186	1200	28.3485	96.7828	15.5	19.9
9	0.00	191186	1150	28.3475	96.7478	19.0	8.7
9	1.75	191186	1150	28.3475	96.7478	15.0	21.3
10	0.00	191186	1125	28.3615	96.7357	18.5	8.7
10	1.75	191186	1125	28.3615	96.7357	15.0	22.7
11	0.00	191186	1110	28.3763	96.7265	18.5	6.8
11	1.75	191186	1110	28.3763	96.7265	16.5	19.9
12	0.00	191186	1400	28.3345	96.7078	19.5	11.3
12	1.50	191186	1400	28.3345	96.7078	16.7	22.7
13	0.00	191186	1440	28.3263	96.7213	18.9	10.0
13	1.75	191186	1440	28.3263	96.7213	16.0	21.3
14	0.00	191186	1505	28.3115	96.7597	19.1	8.7
14	2.00	191186	1505	28.3115	96.7597	15.0	23.4
15	0.00	191186	1520	28.2932	96.7860	18.5	9.3
15	1.75	191186	1520	28.2932	96.7860	17.1	18.6
16	0.00	191186	1620	28.2497	96.7590	19.6	11.3
16	1.00	191186	1620	28.2497	96.7590	17.3	17.2
17	0.00	191186	1605	28.2583	96.7493	19.0	11.9
17	1.80	191186	1605	28.2583	96.7493	16.0	22.7
18	0.00	191186	1555	28.2722	96.7298	19.0	11.9
18	1.75	191186	1555	28.2722	96.7298	15.5	24.1
19	0.00	191186	1545	28.2857	96.7105	18.4	13.2
19	2.00	191186	1545	28.2857	96.7105	15.0	22.7
20	0.00	191186	1535	28.3065	96.6820	18.4	13.9
20	3.25	191186	1535	28.3065	96.6820	15.0	22.0
21	0.00	191186	1645	28.3163	96.6315	19.5	14.5
21	1.25	191186	1645	28.3163	96.6315	17.3	24.1
22	0.00	191186	1655	28.3065	96.6265	17.5	19.9
22	0.50	191186	1655	28.3065	96.6265	17.0	23.4
23	0.00	191186	1705	28.2955	96.6237	19.0	14.5
23	0.75	191186	1705	28.2955	96.6237	16.4	24.8
24	0.00	191186	1720	28.2773	96.6622	18.8	14.5
24	1.75	191186	1720	28.2773	96.6622	16.0	26.9
25	0.00	191186	1730	28.2588	96.6955	18.0	14.5
25	2.00	191186	1730	28.2588	96.6955	15.8	26.9
26	0.00	191186	1745	28.2358	96.7223	18.2	15.2
26	2.00	191186	1745	28.2358	96.7223	15.0	23.4
27	0.00	191186	1800	28.2187	96.7577	17.5	16.5
27	2.00	191186	1800	28.2187	96.7577	15.0	21.3

SAN ANTONIO BAY (NIPS-I) NOV 1986

28	0.00	191186	1815	28.1947	96.7793	18.0	16.5
28	2.00	191186	1815	28.1947	96.7793	15.6	19.9
29	0.00	191186	1650	28.2052	96.7825	19.2	16.5
29	2.00	191186	1650	28.2052	96.7825	18.0	19.9
30	0.00	191186	1630	28.2198	96.7877	19.0	13.9
30	1.50	191186	1630	28.2198	96.7877	19.0	15.2
31				28.2050	96.8112		
31				28.2050	96.8112		
32	0.00	211186	910	28.1908	96.8053	17.5	14.5
32	1.40	211186	910	28.1908	96.8053	17.8	15.2
33	0.00	211186	925	28.1813	96.8353	17.9	17.2
33	1.20	211186	925	28.1813	96.8353	18.0	17.9
34	0.00	211186	940	28.1717	96.8280	18.0	17.9
34	1.00	211186	940	28.1717	96.8280	18.0	17.9
35	0.00	211186	1020	28.1438	96.8320	18.5	17.9
35	1.50	211186	1020	28.1438	96.8320	18.5	18.6
36				28.1022	96.8347		
36				28.1022	96.8347		
37				28.1333	96.8547		
37				28.1333	96.8547		
38	0.00	211186	1045	28.1508	96.8653	19.0	17.9
38	1.60	211186	1045	28.1508	96.8653	19.0	17.9

SAN ANTONIO BAY (NIPS-I) NOV 1986

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
1		128.64	1.61	3.57	7.48	154.84
1		133.78	1.72	3.63	7.60	154.65
2		127.56	1.22	1.80	7.65	154.46
2		135.71	1.31	1.85	7.65	154.26
3	5.44	81.23	0.98	2.25	4.32	154.07
3	8.58	41.58	0.80	0.88	3.33	144.97
4	1.98	94.21	0.93	1.55	5.75	153.68
4	10.20	89.79	0.95	0.89	5.00	153.49
5	2.97	79.66	0.67	0.10	4.41	153.30
5	9.70	74.21	0.66	0.11	4.35	153.10
6	2.00	99.82	0.63	0.50	5.19	152.91
6	2.04	98.92	0.85	0.83	5.30	152.72
7						
7						
8	5.13	66.24	0.60	0.55	3.94	152.52
8	14.33	18.84	0.70	0.94	2.66	116.79
9	5.13	67.04	0.59	0.17	3.93	152.14
9	15.50	25.17	0.45	0.08	2.36	118.21
10	5.23	57.66	0.58	0.01	3.60	151.46
10	16.57	17.45	0.32	0.04	1.89	100.19
11	3.80	74.63	0.59	0.06	3.65	151.36
11	14.13	55.44	0.52	0.30	3.16	146.27
12	6.98	42.66	0.64	0.20	2.58	129.44
12	16.22	11.77	0.34	0.08	1.35	86.67
13	6.13	45.88	0.69	1.82	3.10	135.44
13	15.30	1.72	0.19	0.34	1.18	85.88
14	5.11	47.97	0.64	0.13	2.83	136.56
14	17.11	16.89	0.46	0.13	1.62	106.31
15	5.69	52.93	0.61	0.13	2.55	137.43
15	13.02	19.63	0.46	0.12	1.67	112.09
16	6.95	32.36	0.63	0.10	2.13	125.49
16	11.91	27.63	0.62	0.16	2.02	119.46
17	7.54	25.64	0.65	0.14	2.09	123.95
17	16.37	9.88	0.33	0.16	1.35	95.53
18	7.54	22.55	0.61	0.17	1.93	121.21
18	17.54	10.59	0.41	0.10	1.34	87.33
19	8.65	15.17	0.56	0.06	1.78	115.39
19	16.57	8.00	0.46	0.25	1.50	94.81
20	9.18	13.69	0.54	0.07	2.05	112.78
20	16.03	7.58	0.45	0.09	1.42	103.81
21	9.39	17.45	0.48	0.10	1.78	108.31
21	17.15	11.90	0.35	0.06	1.27	85.42
22	13.92	13.01	0.39	0.15	1.25	90.86
22	16.69	6.78	0.29	0.15	0.88	70.51
23	9.50	14.16	0.43	0.09	1.38	105.28
23	17.88	9.78	0.33	0.10	0.99	84.83
24	9.54	10.31	0.40	0.10	1.28	106.08
24	19.57	5.66	0.25	0.13	0.72	72.78
25	9.72	12.77	0.44	0.09	1.33	108.94
25	19.62	6.43	0.25	0.09	0.80	77.09
26	10.20	5.90	0.33	0.05	1.16	104.57
26	17.11	2.42	0.16	0.10	0.95	85.19
27	11.34	1.08	0.15	0.10	0.86	94.77
27	15.50	0.77	0.10	0.12	0.75	86.69

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28	11.23	0.71	0.11	0.11	0.80	92.92
28	14.31	0.57	0.47	0.62	1.26	91.39
29	10.96	0.76	0.11	0.20	1.32	101.44
29	13.81	0.88	0.13	0.28	1.23	100.35
30	9.05	1.04	0.21	0.22	1.85	110.41
30	10.03	1.04	0.20	0.31	1.70	109.35
31						
31						
32	9.82	0.78	0.27	0.94	1.42	114.39
32	10.29	0.70	0.26	0.90	1.48	114.17
33	11.78	0.12	0.06	1.27	0.99	89.04
33	12.29	0.72	0.07	1.59	0.74	86.61
34	12.29	0.13	0.07	1.47	0.73	91.56
34	12.29	0.47	0.03	1.46	0.30	89.84
35	12.18	0.18	0.13	0.75	0.75	83.28
35	12.71	0.17	0.16	0.51	1.02	83.24
36						
36						
37						
37						
38	12.07	0.22	0.14	1.40	1.41	82.34
38	12.07	0.16	0.15	0.36	1.46	82.58

SAN ANTONIO BAY (NIPS-I) NOV 1986

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
1	1.0	1.5	0.0	7.9		
1	1.0	1.7	0.0	7.7		
2	0.6	1.1	0.0	8.1		
2	0.8	1.0	0.0	8.0		
3	4.0	2.0	2.0	9.4		
3	6.7	2.7	10.0	8.8		
4	1.2	1.4	2.0	9.3		
4	9.2	1.6	5.0	8.2		
5	5.3	1.7	5.0	10.4		
5	7.5	1.8	5.0	7.6		
6	5.8	1.4	2.2	10.4		
6	6.6	3.7	2.2	10.2		
7						
7						
8	6.7	1.4	6.0	10.4		
8	16.6	7.2	12.0	9.9		
9	3.8	1.3	6.0	10.9		
9	8.6	2.1	11.0	11.1		
10	3.5	1.3	7.0	10.7		
10	8.8	1.9	16.0	10.8		
11	5.2	1.4	5.0	11.0		
11	6.8	2.2	8.0	9.9		
12	10.2	2.5	9.0	12.4		
12	6.4	3.8	16.0	13.8		
13	13.4	2.6	7.0	13.2		
13	7.0	1.6	18.0	12.4		
14	11.5	3.9	7.0	12.6		
14	11.8	1.5	14.0	11.0		
15	10.1	4.0	7.0	12.5		
15	7.9	2.2	13.0	12.6		
16	12.8	6.4	10.0	13.4		
16	11.7	4.1	10.5	13.0		
17	17.7	4.0	10.0	14.6		
17	13.5	3.5	14.0	12.3		
18	22.0	7.0	10.0	14.8		
18	10.6	3.7	17.0	13.0		
19	19.4	5.3	12.0	14.4		
19	15.8	3.8	15.0	11.2		
20	13.4	4.8	12.0	14.2		
20	16.9	3.3	14.0	11.0		
21	12.0	4.1	12.0	12.8		
21	8.3	3.1	15.0	12.0		
22	6.9	3.3	15.0	13.0		
22	8.5	4.4	18.0	12.5		
23	10.4	3.9	12.0	12.6		
23	9.1	3.6	16.0	11.2		
24	10.8	5.1	12.0	13.2		
24	8.0	3.2	17.0	13.0		
25	11.1	4.2	12.0	14.0		
25	7.8	3.0	18.0	12.4		
26	14.9	5.0	13.0	14.2		
26	10.4	3.5	16.0	12.0		
27	11.5	3.1	14.0	13.8		
27	10.6	2.8	16.0	11.0		

SAN ANTONIO BAY (NIPS-I) NOV 1986

28	15.2	3.8	14.0	14.0
28	26.6	16.6	15.0	13.2
29	16.8	4.6	14.0	14.4
29	19.3	7.4	14.0	13.0
30	8.2	1.7	12.5	14.8
30	30.1	5.4	13.0	14.8
31				
31				
32	16.1	4.8		11.6
32	18.9	5.5		10.6
33	3.2	1.4		
33	38.8	23.8		9.0
34	1.9	2.1		9.4
34	12.7	9.9		9.0
35	9.4	5.8		9.4
35	7.8	4.3		10.4
36				
36				
37				
37	5.3	7.3		
38				10.4
38				9.1

SAN ANTONIO BAY (NIPS-I) NOV 1986

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
A	0.00	181186	920	28.3927	96.7733		
A	1.50	181186	920	28.3927	96.7733		
A	0.00	181186	1030	28.3927	96.7733		
A	1.50	181186	1030	28.3927	96.7733		
A	0.00	181186	1505	28.3927	96.7733	17.5	6.9
A	1.50	181186	1505	28.3927	96.7733	15.5	13.2
A	0.00	181186	1658	28.3927	96.7733	18.0	6.9
A	1.50	181186	1658	28.3927	96.7733	18.0	13.9
A	0.00	181186	1815	28.3927	96.7733	18.0	7.5
A	1.50	181186	1815	28.3927	96.7733	15.5	11.9
A	0.00	181186	2040	28.3927	96.7733	18.5	6.9
A	1.50	181186	2040	28.3927	96.7733	15.0	13.9
A	0.00	191186		28.3927	96.7733		
A	1.50	191186		28.3927	96.7733		
A	0.00	191186		28.3927	96.7733		
A	1.50	191186		28.3927	96.7733		
A	0.00	191186		28.3927	96.7733		
A	1.50	191186		28.3927	96.7733		

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
A		35.11	0.48	0.67	3.39	161.27
A		29.95	0.66	0.45	3.36	160.62
A		27.60	0.50	0.77	3.15	159.60
A		33.17	0.51	0.36	4.07	159.30
A	4.09	20.65	0.51	0.23	3.06	156.93
A	9.25	33.65	0.57	0.08	3.95	157.99
A	3.94	29.33	0.80	0.52	4.92	157.34
A	9.25	36.48	0.79	0.06	5.01	156.68
A	4.41	28.16	0.59	0.02	3.87	156.03
A	8.25	27.75	0.58	0.02	4.16	155.37
A	3.84	34.81	0.58	0.44	4.63	154.71
A	9.84	30.33	0.57	0.13	4.03	154.06
A		45.41	0.55	0.38	2.72	146.79
A		81.84	0.67	1.32	3.98	150.35
A		5.53	0.25	0.12	1.18	87.75
A		56.98	0.57	0.02	3.21	151.42
A		8.03	0.16	0.12	1.19	74.23
A		55.54	0.56	0.06	3.02	144.04

SAN ANTONIO BAY (NIPS-I) NOV 1986

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
A	2.6	1.0			1.6	
A	7.1	2.3				
A	1.2	1.4			1.4	
A	9.2	1.6				
A	8.7	1.8		11.6		
A	5.9	1.9		9.7		
A	12.4	3.8		12.4	1.0	
A	13.1	4.4		8.8		
A				12.0		
A				8.0		
A	6.5	1.6		10.4		
A	8.5	0.6		8.5		
A						
A						
A						
A						
A						
A						

SAN ANTONIO BAY (NIPS-I) NOV 1986

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
B	0.00	181186	1325	28.3475	96.7478		
B	1.75	181186	1325	28.3475	96.7478		
B	0.00	181186	1445	28.3475	96.7478	18.0	7.6
B	1.75	181186	1445	28.3475	96.7478	14.0	19.9
B	0.00	181186	1610	28.3475	96.7478	18.0	7.8
B	1.75	181186	1610	28.3475	96.7478	14.2	17.6
B	0.00	181186	1745	28.3475	96.7478	18.0	7.5
B	1.75	181186	1745	28.3475	96.7478	14.6	19.6
B	0.00	181186	2020	28.3475	96.7478	17.7	8.1
B	1.75	181186	2020	28.3475	96.7478	14.6	17.9

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
B		29.26	0.56	0.31	3.89	167.83
B		21.04	0.52	0.25	2.56	160.12
B	4.50	29.96	0.58	0.08	3.35	166.52
B	14.65	16.81	0.53	0.15	3.25	149.99
B	4.64	27.65	0.62	0.18	3.38	165.21
B	12.79	22.56	0.64	0.05	3.19	164.57
B	4.41	27.29	0.62	0.03	4.02	163.89
B	14.28	20.01	0.74	0.11	2.58	159.21
B	4.94	27.91	0.62	0.16	2.67	162.58
B	12.97	18.06	0.52	0.22	1.92	152.71

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
B						
B						
B				12.0		
B				9.8		
B				12.8		
B				10.2		
B				12.8		
B				9.6		
B				12.4		
B				9.5		

SAN ANTONIO BAY (NIPS-I) NOV 1986

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
C	0.00	201186	800	28.2497	96.7590	18.3	13.2
C	1.00	201186	800	28.2497	96.7590	15.9	21.3
C	0.00	201186	900	28.2497	96.7590		
C	1.00	201186	900	28.2497	96.7590		
C	0.00	201186	1000	28.2497	96.7590		
C	1.00	201186	1000	28.2497	96.7590		
C	0.00	201186	1100	28.2497	96.7590		
C	1.00	201186	1100	28.2497	96.7590		
C	0.00	201186	1200	28.2497	96.7590		
C	1.00	201186	1200	28.2497	96.7590		
C	0.00	201186	1300	28.2497	96.7590		
C	1.00	201186	1300	28.2497	96.7590		
C	0.00	201186	1400	28.2497	96.7590		
C	1.00	201186	1400	28.2497	96.7590		
C	0.00	201186	1500	28.2497	96.7590		
C	1.00	201186	1500	28.2497	96.7590		
C	0.00	201186	1600	28.2497	96.7590		
C	1.00	201186	1600	28.2497	96.7590		
C	0.00	201186	1700	28.2497	96.7590		
C	1.00	201186	1700	28.2497	96.7590		
C	0.00	201186	1800	28.2497	96.7590		
C	1.00	201186	1800	28.2497	96.7590		
C	0.00	201186	1900	28.2497	96.7590		
C	1.00	201186	1900	28.2497	96.7590		
C	0.00	201186	2000	28.2497	96.7590		
C	1.00	201186	2000	28.2497	96.7590		
C	0.00	201186	2100	28.2497	96.7590		
C	1.00	201186	2100	28.2497	96.7590		
C	0.00	201186	2200	28.2497	96.7590		
C	1.00	201186	2200	28.2497	96.7590		
C	0.00	201186	2300	28.2497	96.7590		
C	1.00	201186	2300	28.2497	96.7590		

SAN ANTONIO BAY (NIPS-I) NOV 1986

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
C	8.69	3.40	0.34	0.76	2.41	114.38
C	15.34	0.82	0.55	0.86	2.31	81.55
C		2.44	0.35	0.46	2.43	112.59
C		1.23	0.22	0.41	1.81	78.19
C		5.17	0.44	0.13	2.84	121.08
C		1.85	0.36	0.08	2.60	104.68
C		7.39	0.53	0.09	3.37	124.84
C		1.89	0.32	0.07	2.57	101.82
C		7.86	0.53	0.04	3.46	126.34
C		1.89	0.25	0.20	2.44	93.60
C		3.85	0.38	0.17	3.21	122.25
C		0.19	0.15	0.08	2.36	102.17
C		1.98	0.30	0.09	2.98	122.09
C		0.34	0.11	0.11	1.75	85.93
C		1.01	0.24	0.19	2.49	120.08
C		0.64	0.20	0.18	1.94	100.77
C		1.02	0.24	0.17	2.31	116.42
C		0.16	0.15	0.19	1.69	94.42
C		1.29	0.19	0.19	2.14	110.93
C		0.31	0.31	0.96	2.39	95.55
C		1.82	0.22	0.14	2.24	110.33
C		1.37	0.17	0.19	1.99	99.87
C		2.98	0.29	0.12	2.76	111.40
C		1.88	0.23	0.10	2.91	106.00
C		2.24	0.22	0.09	3.04	110.31
C		1.92	0.39	0.11	3.01	106.90
C		1.63	0.19	0.07	2.99	108.77
C		1.40	0.21	0.05	2.67	101.45
C		1.52	0.16	0.08	2.72	105.50
C		0.65	0.86	0.07	4.33	97.74
C		1.56	0.18	0.16	2.69	105.86
C		1.05	0.20	0.23	2.65	102.61

SAN ANTONIO BAY (NIPS-I) NOV 1986

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
C				12.8		
C				11.6		
C						
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SAN ANTONIO BAY (NIPS-I) NOV 1986

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
D	0.00	201186	1310	28.2857	96.7105	19.5	16.5
D	2.00	201186	1310	28.2857	96.7105	17.8	24.1
D	0.00	201186	1430	28.2857	96.7105	19.4	17.2
D	2.00	201186	1430	28.2857	96.7105	17.5	25.5
D	0.00	201186	1800	28.2857	96.7105	19.2	17.2
D	2.00	201186	1800	28.2857	96.7105	17.5	24.1

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
D	10.93	6.48	0.53	0.31	2.19	101.70
D	17.05	4.73	0.44	0.18	1.71	86.39
D	11.46	6.18	0.50	0.40	1.93	94.28
D	18.19	5.15	0.46	0.22	1.69	85.61
D	11.51	4.71	0.48	0.42	1.66	91.99
D	17.12	3.75	0.42	0.28	1.73	76.75

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
D			15.0	12.8		
D			16.0	13.4		
D	9.3	3.0	15.0	12.8		
D	9.7	3.0	17.0	12.6		
D			14.0	12.4		
D			16.0	11.8		

SAN ANTONIO BAY (NIPS-I) JAN 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	280187	755	28.4543	96.7922	12.5	0.3
1	1.00	280187	755	28.4543	96.7922	12.5	0.3
2	0.00	280187	815	28.4462	96.7878	12.7	0.4
2	1.00	280187	815	28.4462	96.7878	12.8	0.3
3	0.00	280187	839	28.4023	96.7488	14.0	0.3
3	1.25	280187	839	28.4023	96.7488	13.9	0.3
4	0.00	280187	858	28.3927	96.7733	14.4	0.3
4	1.50	280187	858	28.3927	96.7733	14.4	0.3
5	0.00	280187	951	28.3790	96.7868	14.0	0.7
5	1.50	280187	951	28.3790	96.7868	13.7	0.8
6	0.00	280187	918	28.3705	96.8018	14.2	1.1
6	1.12	280187	918	28.3705	96.8018	14.1	1.2
7	0.00	280187	934	28.4123	96.8218	15.0	0.5
7	0.75	280187	934	28.4123	96.8218	15.0	0.5
8	0.00	280187	1016	28.3485	96.7828	14.2	1.5
8	1.50	280187	1016	28.3485	96.7828	13.7	1.5
9	0.00	280187	1029	28.3475	96.7478	14.8	0.4
9	1.75	280187	1029	28.3475	96.7478	14.8	0.4
10	0.00	280187	1109	28.3615	96.7357	14.3	0.4
10	1.75	280187	1109	28.3615	96.7357	13.7	0.6
11	0.00	280187	1120	28.3763	96.7265	14.5	0.8
11	1.75	280187	1120	28.3763	96.7265	14.0	1.2
12	0.00	280187	1322	28.3345	96.7078	14.8	1.2
12	1.50	280187	1322	28.3345	96.7078	14.7	1.2
13	0.00	280187	1340	28.3263	96.7213	14.4	1.0
13	1.75	280187	1340	28.3263	96.7213	14.5	1.0
14	0.00	280187	1404	28.3115	96.7597	14.3	1.0
14	2.00	280187	1404	28.3115	96.7597	14.3	1.1
15	0.00	280187	1424	28.2932	96.7860	14.6	3.4
15	1.75	280187	1424	28.2932	96.7860	14.6	3.5
16	0.00	280187	1928	28.2497	96.7590	15.6	6.5
16	1.00	280187	1928	28.2497	96.7590	15.5	6.5
17	0.00	280187	1537	28.2583	96.7493	15.0	4.6
17	1.80	280187	1537	28.2583	96.7493	15.0	4.6
18	0.00	280187	1552	28.2722	96.7298	14.4	2.7
18	1.75	280187	1552	28.2722	96.7298	14.3	2.7
19	0.00	280187	1606	28.2857	96.7105	15.0	2.3
19	2.00	280187	1606	28.2857	96.7105	14.7	2.4
20	0.00	280187	1625	28.3065	96.6820	16.0	4.1
20	3.25	280187	1625	28.3065	96.6820	15.8	4.1
21	0.00	280187	1650	28.3163	96.6315	16.1	6.2
21	1.25	280187	1650	28.3163	96.6315	16.2	6.2
22	0.00	280187	1709	28.3065	96.6265	17.1	5.6
22	0.50	280187	1709	28.3065	96.6265	17.1	5.6
23	0.00	280187	1730	28.2955	96.6237	15.6	7.5
23	0.75	280187	1730	28.2955	96.6237	15.6	7.8
24	0.00	280187	1804	28.2773	96.6622	15.0	5.2
24	1.75	280187	1804	28.2773	96.6622	15.0	5.3
25	0.00	280187	1815	28.2588	96.6955	14.5	2.9
25	2.00	280187	1815	28.2588	96.6955	14.5	2.9
26	0.00	280187	1829	28.2358	96.7223	15.0	5.0
26	2.00	280187	1829	28.2358	96.7223	15.0	5.0
27	0.00	280187	1844	28.2187	96.7577	15.0	6.4
27	2.00	280187	1844	28.2187	96.7577	15.0	6.4

SAN ANTONIO BAY (NIPS-I) JAN 1987

28	0.00	280187	1857	28.1947	96.7793	15.5	6.5
28	2.00	280187	1857	28.1947	96.7793	15.6	6.5
29	0.00	280187	1910	28.2052	96.7825	16.7	6.5
29	2.00	280187	1910	28.2052	96.7825	16.6	6.5
30	0.00	280187	1928	28.2198	96.7877	15.6	6.5
30	1.50	280187	1928	28.2198	96.7877	15.6	6.5
31	0.00	260187	1627	28.2050	96.8112		
31	1.60	260187	1627	28.2050	96.8112		
32	0.00	260187	1616	28.1908	96.8053		
32	1.50	260187	1616	28.1908	96.8053		
33	0.00	260187	1554	28.1813	96.8353		
33	1.20	260187	1554	28.1813	96.8353		
34	0.00	260187	1542	28.1717	96.8280		
34	1.00	260187	1542	28.1717	96.8280		
35	0.00	260187	1527	28.1438	96.8320		
35	1.50	260187	1527	28.1438	96.8320		
36	0.00	260187	1501	28.1022	96.8347		
36	2.30	260187	1501	28.1022	96.8347		
37	0.00	260187	1439	28.1333	96.8547		
37	1.50	260187	1439	28.1333	96.8547		
38	0.00	260187	1421	28.1508	96.8653		
38	1.50	260187	1421	28.1508	96.8653		

SAN ANTONIO BAY (NIPS-I) JAN 1987

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
1		98.28	0.67	1.42	8.72	136.42
1		94.64	0.83	1.25	9.40	172.43
2		90.87	0.78	2.18	8.92	172.37
2		98.59	1.00	2.17	9.33	172.31
3		22.85	0.52	1.13	3.16	153.17
3		24.00	0.77	3.72	7.76	155.80
4		99.57	1.46	2.27	9.22	172.13
4		97.85	1.70	2.40	9.18	172.07
5		49.11	1.00	0.51	7.06	169.65
5		49.08	0.96	0.75	7.61	170.12
6	0.27	58.44	0.94	0.80	7.61	171.91
6	0.30	60.66	0.91	0.66	8.22	171.84
7		70.99	0.93	0.70	9.00	170.96
7		71.39	0.92	1.58	8.96	170.30
8	0.56	49.84	0.95	1.17	6.62	168.74
8	0.63	49.22	0.96	1.43	6.61	169.32
9		17.16	0.96	0.55	2.65	143.33
9		19.68	1.03	0.69	3.13	139.90
10		21.07	1.03	0.53	2.52	144.19
10		21.03	1.06	0.64	2.74	148.43
11		29.04	1.13	1.43	4.11	162.39
11	0.34	30.34	1.15	1.53	4.15	161.75
12	0.24	20.75	0.68	0.76	3.58	163.08
12	0.27	29.25	0.74	0.88	3.73	162.45
13	0.16	38.08	0.61	0.48	4.28	164.25
13	0.15	38.69	0.88	0.58	4.79	164.31
14	0.18	57.40	0.54	0.26	6.60	170.17
14	0.21	46.87	0.95	1.04	7.03	167.50
15	1.91	28.76	0.62	0.49	4.18	148.93
15	2.04	27.68	0.80	0.39	4.50	147.17
16	4.11	0.77	0.77	1.28	2.89	42.62
16	4.13	0.74	0.73	1.30	3.26	98.18
17	2.75	26.66	0.73	0.42	3.90	136.63
17	2.77	42.98	0.77	0.49	3.91	133.31
18	1.44	46.00	0.62	0.38	5.37	153.61
18	1.48	45.49	0.66	0.54	5.45	153.65
19	1.05	46.02	0.80	0.91	5.77	156.02
19	1.14	45.32	0.89	0.90	5.88	156.66
20	2.22	25.15	1.02	1.35	4.74	140.66
20	2.29	25.28	1.19	1.37	5.20	141.19
21	3.84	16.29	0.85	2.17	4.04	121.58
21	3.82	15.61	0.93	1.59	4.21	120.81
22	3.20	15.79	0.60	0.84	3.52	120.59
22	3.20					
23	4.95	10.62	0.50	0.72	3.02	101.92
23	5.09	10.42	0.48	0.91	3.02	101.46
24	3.24	22.19	0.57	0.92	4.07	130.00
24	3.28	22.17	0.56	0.93	4.10	130.38
25	1.58	37.51	0.62	0.81	5.28	150.62
25	1.58	36.34	0.61	1.06	5.36	150.39
26	3.06	20.70	0.86	1.25	4.96	132.37
26	3.10	19.72	0.91	0.67	5.03	131.49
27	4.12	4.89	0.82	0.89	3.96	111.24
27	4.16	4.82	0.94	1.00	4.38	111.88

SAN ANTONIO BAY (NIPS-I) JAN 1987

28	4.13					
28	4.11					
29	3.91	0.10	0.43	1.11	3.22	97.06
29	3.95	0.13	0.34	0.43	3.32	97.30
30	4.11	0.28	0.06	0.49	3.65	85.37
30	4.11	0.31	0.05	0.33	3.85	85.40
31		1.61	0.71	0.63	1.42	100.98
31		2.43	1.23	0.81	1.93	98.79
32		4.50	0.99	0.33	1.69	98.60
32		4.17	0.97	0.36	1.66	96.51
33		2.80	0.81	2.09	1.74	89.15
33		2.83	0.84	0.33	1.51	88.58
34		3.94	1.04	0.53	1.58	87.92
34		3.72	1.14	1.78	1.56	86.42
35		1.71	0.49	0.34	0.97	91.81
35		1.72	0.51	0.48	1.01	91.98
36		1.94	0.46	0.35	0.90	73.96
36		1.79	0.50	0.29	0.80	72.60
37		1.67	0.47	0.28	1.25	89.79
37		1.60	0.49	0.69	1.20	90.34
38		1.56	0.46	0.25	1.36	93.01
38		1.56	0.48	0.27	1.35	92.07

SAN ANTONIO BAY (NIPS-I) JAN 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
1	2.3	0.7	0.0	10.2		
1	2.3	0.8	0.0	10.2		
2	13.5	4.0	0.0	9.8		
2	2.8	2.0	0.0	9.7		
3	12.0	5.1	0.0	10.2		
3	12.9	8.0	0.0	10.2		
4	3.9	1.6	0.0	9.2		
4	3.7	2.1	0.0	9.1		
5	4.5	1.1	0.0	10.2		
5	4.7	2.1	0.0	10.2		
6	2.5	0.3	0.0	10.0		
6	3.0	2.8	0.0	10.0		
7	3.2	1.5	0.0	9.8		
7	3.0	1.6	0.0	9.8		
8	3.7	1.3	0.5	10.8		
8	3.4	1.4	0.5	10.2		
9	18.9	4.0	0.0	11.4		
9	20.8	5.6	0.0	11.2		
10	11.0	3.1	0.0	10.8		
10	11.1	3.6	0.0	10.2		
11	9.7	2.9	0.0	10.3		
11	12.4	3.3	0.0	9.8		
12	4.9	1.8	1.0	11.0		
12	4.7	2.3	0.1	10.6		
13	6.0	2.2	1.5	10.7		
13	8.4	3.0	1.0	10.7		
14	10.1	2.2	0.1	11.4		
14	7.5	4.6	1.0	11.5		
15	11.8	4.1	3.0	11.8		
15	10.6	5.0	2.0	11.7		
16	17.0	6.9		11.4		
16	20.2	6.2		11.4		
17	10.4	3.7	4.0	12.4		
17	12.5	5.1	4.0	12.6		
18	13.5	3.1	1.5	11.6		
18	13.7	4.6	2.0	11.7		
19	12.5	3.9	2.0	11.2		
19	12.3	5.1	0.1	11.2		
20	15.9	9.0	2.0	11.4		
20	20.4	8.1	2.0	11.6		
21	21.2	16.3	5.0	11.0		
21	30.4	22.0	4.0	11.0		
22	16.6	5.8	4.0	12.6		
22	15.4	5.2	4.0	12.6		
23	12.1	4.5	6.0	13.0		
23	13.5	3.4	6.0	13.0		
24	11.0	3.0	4.0	14.0		
24	11.0	3.6	4.0	12.4		
25	13.5	3.8	1.0	11.2		
25	14.6	5.1	2.0	11.4		
26	20.8	5.6	4.1	11.8		
26	23.5	7.4	4.0	11.8		
27	30.6	6.7	4.0	11.6		
27	33.7	9.1	5.0	11.6		

SAN ANTONIO BAY (NIPS-I) JAN 1987

28			5.5	12.1
28			5.0	11.8
29	28.3	5.2	6.0	10.4
29	27.9	5.1	6.0	10.4
30	14.8	6.7	5.0	11.4
30	17.9	9.0	6.0	11.4
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SAN ANTONIO BAY (NIPS-I) JAN 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
A	0.00	270187	939	28.3927	96.7733	12.9	3.9
A	1.00	270187	939	28.3927	96.7733	12.6	3.8
A	0.00	270187	1055	28.3927	96.7733	12.9	3.8
A	1.00	270187	1055	28.3927	96.7733	12.4	3.8
A	0.00	270187	1214	28.3927	96.7733	13.8	4.5
A	1.00	270187	1214	28.3927	96.7733	13.0	3.9
A	0.00	270187	1407	28.3927	96.7733	14.1	3.8
A	1.00	270187	1407	28.3927	96.7733	14.2	3.8
A	0.00	270187	1713	28.3927	96.7733	14.4	3.8
A	1.00	270187	1713	28.3927	96.7733	14.4	4.1
A	0.00	270187	1928	28.3927	96.7733	14.5	4.4
A	1.00	270187	1928	28.3927	96.7733	14.5	4.4
A	0.00	270187	1930	28.3927	96.7733	14.2	3.7
A	1.00	270187	1930	28.3927	96.7733	14.2	3.7
A	0.00	270187	2015	28.3927	96.7733	14.2	3.9
A	1.00	270187	2015	28.3927	96.7733	14.2	3.7
A	0.00	270187	2115	28.3927	96.7733	14.1	3.7
A	1.00	270187	2115	28.3927	96.7733	14.1	3.7
A	0.00	270187	2215	28.3927	96.7733	14.1	3.7
A	1.00	270187	2215	28.3927	96.7733	14.1	3.7
A	0.00	270187	2315	28.3927	96.7733	14.1	3.7
A	1.00	270187	2315	28.3927	96.7733	14.1	3.7
A	0.00	280187	2415	28.3927	96.7733	14.1	3.7
A	1.00	280187	2415	28.3927	96.7733	14.0	3.7
A	0.00	280187	115	28.3927	96.7733	14.1	3.7
A	1.00	280187	115	28.3927	96.7733	14.0	3.7
A	0.00	280187	215	28.3927	96.7733	13.9	3.7
A	1.00	280187	215	28.3927	96.7733	13.9	3.7
A	0.00	280187	315	28.3927	96.7733	13.9	3.7
A	1.00	280187	315	28.3927	96.7733	13.9	3.7
A	0.00	280187	415	28.3927	96.7733	13.9	3.7
A	1.00	280187	415	28.3927	96.7733	13.9	3.7
A	0.00	280187	515	28.3927	96.7733	13.9	3.8
A	1.00	280187	515	28.3927	96.7733	13.9	3.8
A	0.00	280187	615	28.3927	96.7733	13.9	3.8
A	1.00	280187	615	28.3927	96.7733	13.9	3.8
A	0.00	280187	715	28.3927	96.7733	13.9	3.8
A	1.00	280187	715	28.3927	96.7733	13.9	3.8

SAN ANTONIO BAY (NIPS-I) JAN 1987

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
A	2.52	13.02	1.90	1.66	5.70	141.22
A	2.56	9.82	1.92	2.23	5.75	141.25
A	2.49	102.12	1.81	1.76	5.20	140.89
A	2.55	101.62	1.97	1.61	5.15	140.85
A	2.89	102.31	1.74	2.13	4.97	140.90
A	2.55	101.53	1.82	2.33	5.07	140.85
A	2.32	78.44	1.49	2.22	4.97	133.09
A	2.30	83.92	1.05	1.92	4.79	132.97
A	2.27	71.80	1.51	2.37	4.74	132.59
A	2.50	72.91	0.93	2.30	4.81	132.47
A	2.71	68.01	2.76	2.81	4.80	132.10
A	2.71	66.92	1.36	3.94	4.76	131.97
A	2.23	84.90	1.16	1.47	8.24	159.20
A	2.23	80.45	1.20	1.22	8.08	169.35
A	2.38	75.54	1.15	1.16	8.22	168.12
A	2.23	80.95	1.07	0.98	7.89	168.29
A	2.24	62.16	1.15	1.20	7.86	166.47
A	2.24	75.86	1.20	1.06	7.99	166.73
A	2.24	75.87	1.05	1.13	7.73	166.78
A	2.24	75.71	1.06	0.94	7.69	167.54
A	2.24	73.68	1.22	1.14	7.93	167.74
A	2.24	76.94	1.02	0.78	7.57	167.59
A	2.24	72.75	1.06	0.89	7.87	172.37
A	2.25	80.00	1.01	0.91	7.65	169.61
A	2.24	80.52	1.01	1.06	7.92	172.56
A	2.25	78.51	1.01	0.86	7.91	172.53
A	2.27	78.23	1.01	1.12	7.84	172.50
A	2.27	78.27	0.96	0.81	7.78	172.43
A	2.27	75.85	0.97	0.86	7.86	169.41
A	2.27	75.21	0.93	0.74	7.54	169.69
A	2.27	74.92	1.21	0.95	7.91	169.89
A	2.27	74.25	0.93	0.85	7.35	169.99
A	2.35	73.75	1.03	0.91	7.75	170.32
A	2.35	78.02	1.15	0.95	7.97	170.48
A	2.35	76.16	1.00	0.83	7.96	172.21
A	2.35	80.81	1.01	0.80	7.80	172.18
A	2.35	80.81	1.01	1.20	7.87	172.14
A	2.35	80.42	1.05	0.97	8.14	172.10

SAN ANTONIO BAY (NIPS-I) JAN 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
A	2.6	0.8	0	9.8		
A	2.6	0.9	0	9.6		
A	3.0	1.0	0	9.9		
A	1.9	1.0	0	9.4		
A	3.5	1.4	0	9.6		
A	3.0	0.6	0	9.2		
A	3.2	1.6	0	10.0		
A	3.2	1.6	0	9.8		
A	3.7	1.8	0	10.2		
A	3.4	2.5	0	10.2		
A	3.1	2.2	0	9.9		
A	4.2	7.1		9.9		
A				10.9		
A				9.7		
A				10.5		
A				9.4		
A				10.4		
A				9.5		
A				10.4		
A				9.5		
A				10.3		
A				9.4		
A				9.8		
A				9.3		
A				9.8		
A				9.3		
A				9.9		
A				9.4		
A				9.8		
A				9.3		
A				9.9		
A				9.3		
A				9.7		
A				9.3		
A				9.8		
A				9.2		
A				9.8		
A				9.2		

SAN ANTONIO BAY (NIPS-I) JAN 1987

STATION1	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
B	0.00	270187	913	28.3475	96.7478	12.3	4.4
B	1.25	270187	913	28.3475	96.7478	12.0	4.4
B	0.00	270187	1037	28.3475	96.7478	12.8	3.8
B	1.25	270187	1037	28.3475	96.7478	12.0	4.4
B	0.00	270187	1148	28.3475	96.7478	13.7	3.9
B	1.40	270187	1148	28.3475	96.7478	12.1	4.4
B	0.00	270187	1343	28.3475	96.7478	13.4	4.7
B	1.50	270187	1343	28.3475	96.7478	12.8	4.7
B	0.00	270187	1636	28.3475	96.7478	13.8	3.9
B	1.50	270187	1636	28.3475	96.7478	13.4	3.9
B	0.00	270187	1836	28.3475	96.7478	14.0	4.2
B	1.50	270187	1836	28.3475	96.7478	13.4	4.5

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
B	10.92		1.19	0.97	5.60	141.15
B	9.82	13.37	1.31	0.68	5.65	141.19
B	14.45	76.91	1.03	0.24	5.30	140.95
B	9.82	97.93	1.41	0.95	5.25	140.92
B	18.10	84.03	0.98	0.66	4.18	129.21
B	10.18	89.08	1.50	1.71	5.24	135.40
B	14.43	35.38	0.94	0.27	4.56	38.97
B	11.88	52.22	1.24	0.34	5.12	131.75
B	18.57	58.89	1.28	0.39	3.92	124.48
B	16.75	59.67	1.33	0.59	4.19	125.94
B	18.76	22.93	2.88	0.37	1.72	111.35
B	15.09	28.85	1.90	3.84	4.63	115.87

STATION3	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
B	5.1	1.0	0	11.0		
B	5.1	1.0	0	10.8		
B	6.9	1.4	0	10.9		
B	3.0	1.5	0	10.3		
B	5.6	1.4	0	10.8		
B	4.6	1.6	0	10.9		
B	5.3	1.1	0	10.6		
B	4.7	2.0	0	10.6		
B	7.6	1.7	0	10.2		
B	7.4	2.4	0	10.8		
B	12.6	1.8	0	12.0		
B	12.5	13.1	0	11.4		

SAN ANTONIO BAY (NIPS-I) JAN 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
C	0.00	280187	805	28.2497	96.7590	15.6	8.0
C	1.00	280187	805	28.2497	96.7590	15.9	8.0
C	0.00	280187	900	28.2497	96.7590	15.6	8.0
C	1.00	280187	900	28.2497	96.7590	15.6	8.0
C	0.00	280187	1000	28.2497	96.7590	15.6	8.0
C	1.00	280187	1000	28.2497	96.7590	15.6	8.0
C	0.00	280187	1100	28.2497	96.7590	15.6	8.0
C	1.00	280187	1100	28.2497	96.7590	15.6	8.0
C	0.00	280187	1200	28.2497	96.7590	15.6	8.0
C	1.00	280187	1200	28.2497	96.7590	15.6	8.0
C	0.00	280187	1300	28.2497	96.7590	15.6	8.0
C	1.00	280187	1300	28.2497	96.7590	15.7	8.0
C	0.00	280187	1400	28.2497	96.7590	15.5	8.1
C	1.00	280187	1400	28.2497	96.7590	15.5	8.1
C	0.00	280187	1500	28.2497	96.7590	15.5	8.1
C	1.00	280187	1500	28.2497	96.7590	15.5	8.1
C	0.00	280187	1600	28.2497	96.7590	15.5	8.1
C	1.00	280187	1600	28.2497	96.7590	15.5	8.1
C	0.00	280187	1700	28.2497	96.7590	15.5	8.1
C	1.00	280187	1700	28.2497	96.7590	15.5	8.1
C	0.00	280187	1800	28.2497	96.7590	15.5	8.0
C	1.00	280187	1800	28.2497	96.7590	15.5	8.1
C	0.00	280187	2000	28.2497	96.7590	15.4	7.6
C	1.00	280187	2000	28.2497	96.7590	15.7	7.9
C	0.00	290187	810	28.2497	96.7590	16.5	4.8
C	1.00	290187	810	28.2497	96.7590	17.0	7.5
C	0.00	290187	900	28.2497	96.7590	16.5	4.4
C	1.00	290187	900	28.2497	96.7590	17.0	8.1
C	0.00	290187	1000	28.2497	96.7590	16.5	5.1
C	1.00	290187	1000	28.2497	96.7590	17.4	8.1
C	0.00	290187	1100	28.2497	96.7590	16.5	4.2
C	1.00	290187	1100	28.2497	96.7590	17.3	8.1
C	0.00	290187	1200	28.2497	96.7590	16.5	4.8
C	1.00	290187	1200	28.2497	96.7590	17.4	8.1
C	0.00	290187	1300	28.2497	96.7590	16.5	3.8
C	1.00	290187	1300	28.2497	96.7590	17.5	8.0
C	0.00	290187	1400	28.2497	96.7590	16.4	3.5
C	1.00	290187	1400	28.2497	96.7590	17.5	8.4
C	0.00	290187	1500	28.2497	96.7590	14.5	3.0
C	1.00	290187	1500	28.2497	96.7590	16.5	7.8
C	0.00	290187	1600	28.2497	96.7590	16.5	3.8
C	1.00	290187	1600	28.2497	96.7590	17.0	8.7
C	0.00	290187	1700	28.2497	96.7590	16.5	5.0
C	1.00	290187	1700	28.2497	96.7590	17.5	8.4
C	0.00	290187	1800	28.2497	96.7590	16.5	5.0
C	1.00	290187	1800	28.2497	96.7590	17.5	8.7
C	0.00	290187	1900	28.2497	96.7590	16.5	5.0
C	1.00	290187	1900	28.2497	96.7590	17.5	9.4

SAN ANTONIO BAY (NIPS-I) JAN 1987

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
C	5.26	0.54	0.45	0.34	2.38	104.28
C	5.21	0.34	0.42	0.34	2.68	102.41
C	5.26	0.28	0.33	0.55	2.45	103.41
C	5.26	0.49	0.91	1.09	4.42	104.45
C	5.26	0.28	0.26	0.10	1.13	102.51
C	5.26	0.29	0.26	0.11	1.23	102.11
C	5.26	0.43	0.52	0.82	2.17	101.51
C	5.26	0.62	0.57	0.53	2.40	101.83
C	5.26	0.32	0.32	0.12	1.56	99.80
C	5.26	0.39	0.27	0.17	1.64	99.78
C	5.26	0.36	0.30	0.24	1.65	98.65
C	5.24	0.43	0.63	1.27	1.65	100.37
C	5.35	0.36	0.39	0.94	0.48	95.74
C	5.35	0.37	0.31	0.61	0.47	95.38
C	5.35	0.34	0.43	0.61	0.82	95.77
C	5.35	0.38	0.47	0.55	1.09	95.76
C	5.35	0.40	0.38	0.34	0.78	95.54
C	5.35	0.36	0.35	0.44	0.74	95.36
C	5.35	0.47	0.64	1.42	2.37	97.59
C	5.35	0.51	0.61	1.77	2.23	97.79
C	5.28	0.38	0.42	0.46	1.62	97.65
C	5.35	0.34	0.47	0.37	1.89	98.05
C	4.99	2.92	0.34	0.38	2.05	104.40
C	5.17	1.76	0.41	0.35	2.01	101.81
C	2.68	13.67	0.69	0.23	3.78	133.73
C	4.63	0.61	0.38	0.26	1.68	96.79
C	2.38	24.37	0.66	0.17	3.88	134.45
C	5.08	1.26	0.41	0.26	1.75	96.62
C	2.91	35.14	0.64	0.23	4.55	140.09
C	5.00	0.12	0.38	0.34	1.69	89.12
C	2.23	34.63	0.67	0.24	4.65	140.38
C	5.03	0.43	0.39	0.26	1.70	89.51
C	2.68	35.10	0.64	0.24	4.61	139.98
C	5.00	2.79	0.50	0.45	2.07	86.12
C	1.92	39.16	0.64	0.27	4.90	141.62
C	4.88	1.65	0.35	0.43	1.77	81.62
C	1.75	31.63	0.67	0.35	4.37	133.95
C	5.21	2.93	0.40	0.27	1.90	80.09
C	1.67	43.98	0.65	0.32	5.48	147.49
C	4.93	6.29	0.38	0.35	2.17	87.12
C	1.95	44.73	0.71	0.35	5.73	148.01
C	5.50	2.81	0.36	0.25	1.84	83.36
C	2.85	36.16	0.66	0.23	4.91	137.00
C	5.21	3.16	1.00	0.43	3.04	86.67
C	2.85	33.42	0.66	0.42	4.79	135.10
C	5.45	0.85	0.44	0.18	1.92	93.88
C	2.85	33.86	0.64	0.55	4.58	132.46
C	5.93	4.48	0.36	0.34	1.87	87.71

SAN ANTONIO BAY (NIPS-I) JAN 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
C	16.4	6.7	7.0	11.2		
C	19.8	17.0	7.0	11.2		
C	15.2	6.7	7.0	11.2		
C	16.0	7.4	7.5	11.2		
C			7.5	11.2		
C			7.5	11.2		
C	17.0	6.9	6.5	11.4		
C	17.5	8.7	7.0	11.2		
C	16.4	9.2	7.5	12.0		
C	16.8	7.3	7.5	11.2		
C	16.0	8.4	7.0	10.0		
C			7.0	11.0		
C	17.9	10.3	7.0	11.0		
C			7.0	10.8		
C	18.7	10.5	7.5	11.0		
C			7.5	10.6		
C	17.0	9.4	7.5	10.8		
C			7.5	10.6		
C	17.7	8.0	7.5	8.8		
C			7.5	10.6		
C	15.0	9.2	7.5	10.8		
C			7.5	10.5		
C	18.8	4.3		10.6		
C				10.3		
C	19.7	5.3	3.0	11.4		
C	16.8	4.2	6.0	10.4		
C	20.7	5.6	4.2	11.3		
C	14.1	4.3	6.3	10.0		
C	20.1	5.3	3.0	11.2		
C	14.5	3.4	7.0	9.9		
C	19.9	4.7	3.0	10.4		
C	16.0	4.6	7.0	10.1		
C	21.9	5.3	3.5	11.2		
C	14.3	4.1	7.0	10.0		
C	18.9	4.3	2.5	11.2		
C	14.4	4.1	7.0	10.2		
C	19.1	4.7	3.8	11.0		
C	14.4	3.4	7.0	9.8		
C	15.5	3.7	2.0	11.0		
C	12.7	3.4	7.0	10.0		
C	16.6	4.0	2.0	10.8		
C	11.6	3.6	7.0	9.8		
C	28.5	6.0	3.0	10.8		
C	10.6	5.5	7.0	9.8		
C	18.1	4.4	4.0	10.8		
C	15.9	3.6	6.0	9.6		
C	20.3	4.3	4.0	10.8		
C	14.2	2.4	7.0	9.4		

SAN ANTONIO BAY (NIPS-I) JAN 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
D	0.00	280187	934	28.2857	96.7105	16.1	4.4
D	1.50	280187	934	28.2857	96.7105	15.6	4.9
D	0.00	280187	1256	28.2857	96.7105	16.6	4.6
D	2.00	280187	1256	28.2857	96.7105	16.5	4.7
D	0.00	280187	1422	28.2857	96.7105	17.3	3.4
D	1.00	280187	1422	28.2857	96.7105	16.9	3.5
D	0.00	280187	1547	28.2857	96.7105	17.5	2.9
D	1.00	280187	1547	28.2857	96.7105	17.3	3.1
D	0.00	280187	1724	28.2857	96.7105	17.2	2.2
D	1.00	280187	1724	28.2857	96.7105	17.1	2.8
D	0.00	280187	1930	28.2857	96.7105	16.9	2.2
D	1.50	280187	1930	28.2857	96.7105	17.0	2.3
D	0.00	290187	802	28.2857	96.7105	17.0	4.5
D		290187	802	28.2857	96.7105	17.0	4.5

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
D	2.45	24.64	0.76	1.27	2.78	110.71
D	2.94	22.52	0.82	1.15	2.99	110.51
D	2.51	15.25	0.70	0.38	3.20	110.32
D	2.62	21.40	0.75	0.51	3.04	109.28
D	1.45	35.83	0.77	0.47	4.39	122.58
D	1.66	34.73	0.84	0.52	4.24	120.73
D	1.03	39.01	0.76	0.37	4.61	123.54
D	1.24	37.98	1.13	0.61	4.96	122.55
D	0.57	48.57	0.89	0.45	5.55	127.48
D	1.06	47.54	0.97	0.49	5.59	127.25
D	0.62	42.21	1.05	0.44	5.14	124.87
D	0.73	41.47	1.31	0.51	5.38	124.40
D	2.40					
D	2.40					

SAN ANTONIO BAY (NIPS-I) JAN 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
D	18.9	2.4	4.0	10.2		
D	11.2	4.1	4.0	9.6		
D	31.0	4.2	4.0	10.6		
D	19.4	6.1	4.0	10.3		
D	17.9	4.8	3.0	10.8		
D	14.0	5.3	2.0	10.6		
D	22.9	4.2	2.0	11.3		
D	20.6	10.8	2.0	10.8		
D	14.7	4.0	1.0	11.0		
D	12.8	4.0	2.0	10.8		
D	17.9	5.3	0.1	11.3		
D	16.1	5.3	0.1	10.9		
D	22.9	4.3	4.0	10.4		
D			4.0	10.4		

SAN ANTONIO BAY (NIPS-I) MAR 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	40387	743	28.4543	96.7922	15.4	0.2
1	1.00	40387	743	28.4543	96.7922	15.4	0.2
2	0.00	40387	755	28.4462	96.7878	15.8	0.2
2	1.30	40387	755	28.4462	96.7878	15.8	0.2
3	0.00	40387	826	28.4023	96.7488	15.0	0.2
3	1.20	40387	826	28.4023	96.7488	15.0	0.2
4	0.00	40387	844	28.3927	96.7733	15.0	0.2
4	1.00	40387	844	28.3927	96.7733	15.0	0.2
5	0.00	40387	855	28.3790	96.7868	15.6	0.2
5	1.50	40387	855	28.3790	96.7868	15.6	0.2
6	0.00	40387	906	28.3705	96.8018	15.2	1.0
6	1.10	40387	906	28.3705	96.8018	15.2	1.0
7	0.00	40387	926	28.4123	96.8218	15.4	1.4
7	1.00	40387	926	28.4123	96.8218	15.4	1.4
8	0.00	40387	948	28.3485	96.7828	15.7	0.6
8	1.50	40387	948	28.3485	96.7828	15.7	0.6
9	0.00	40387	1008	28.3475	96.7478	16.0	0.4
9	1.90	40387	1008	28.3475	96.7478	16.0	0.4
10	0.00	40387	1022	28.3615	96.7357	16.0	0.3
10	1.70	40387	1022	28.3615	96.7357	16.0	0.4
11	0.00	40387	1040	28.3763	96.7265	16.1	1.0
11	4.30	40387	1040	28.3763	96.7265	16.0	1.3
12	0.00	40387	1200	28.3345	96.7078	16.0	2.2
12	1.10	40387	1200	28.3345	96.7078	16.2	2.2
13	0.00	40387	1214	28.3263	96.7213	16.4	1.3
13	11.80	40387	1214	28.3263	96.7213	15.7	1.6
14	0.00	40387	1227	28.3115	96.7597	16.4	2.6
14	2.10	40387	1227	28.3115	96.7597	16.2	2.9
15	0.00	40387	1241	28.2932	96.7860	16.5	2.6
15	1.75	40387	1241	28.2932	96.7860	16.2	2.6
16	0.00	40387	1306	28.2497	96.7590	16.6	6.2
16	2.00	40387	1306	28.2497	96.7590	16.0	6.9
17	0.00	40387	1317	28.2583	96.7493	17.0	6.2
17	2.00	40387	1317	28.2583	96.7493	16.0	6.3
18	0.00	40387	1327	28.2722	96.7298	17.7	4.7
18	1.80	40387	1327	28.2722	96.7298	16.0	5.7
19	0.00	40387	1341	28.2857	96.7105	17.5	4.1
19	1.70	40387	1341	28.2857	96.7105	16.3	4.4
20	0.00	40387	1356	28.3065	96.6820	18.5	5.1
20	1.60	40387	1356	28.3065	96.6820	17.5	12.5
21	0.00	40387	1412	28.3163	96.6315	17.5	12.6
21	1.50	40387	1412	28.3163	96.6315	17.2	12.7
22	0.00	40387	1425	28.3065	96.6265	18.5	13.0
22	0.80	40387	1425	28.3065	96.6265	18.4	12.9
23	0.00	40387	1439	28.2955	96.6237	17.0	11.9
23	3.00	40387	1439	28.2955	96.6237	17.0	12.0
24	0.00	40387	1458	28.2773	96.6622	17.6	7.8
24	2.00	40387	1458	28.2773	96.6622	17.5	8.1
25	0.00	40387	1544	28.2588	96.6955	17.4	5.5
25	2.00	40387	1544	28.2588	96.6955	17.3	6.7
26	0.00	40387	1556	28.2358	96.7223	17.3	7.5
26	2.10	40387	1556	28.2358	96.7223	16.6	8.7
27	0.00	40387	1610	28.2187	96.7577	18.3	8.6
27	2.20	40387	1610	28.2187	96.7577	16.2	9.5

SAN ANTONIO BAY (NIPS-I) MAR 1987

28	0.00	40387	1649	28.1947	96.7793	18.2	9.3
28	1.70	40387	1649	28.1947	96.7793	18.2	9.3
29	0.00	40387	1701	28.2052	96.7825	18.0	8.2
29	2.00	40387	1701	28.2052	96.7825	16.8	9.2
30	0.00	40387	1713	28.2198	96.7877	18.1	6.3
30	1.60	40387	1713	28.2198	96.7877	16.5	7.5
31	0.00	40387	1314	28.2050	96.8112	16.4	7.4
31	1.60	40387	1314	28.2050	96.8112	16.4	7.5
32	0.00	40387	1257	28.1908	96.8053	16.8	9.2
32	1.50	40387	1257	28.1908	96.8053	16.8	9.4
33	0.00	40387	1239	28.1813	96.8353	16.6	8.6
33	1.20	40387	1239	28.1813	96.8353	16.6	8.6
34	0.00	40387	1225	28.1717	96.8280	16.9	9.0
34	1.00	40387	1225	28.1717	96.8280	16.9	9.0
35	0.00	40387	1203	28.1438	96.8320	16.6	7.8
35	1.40	40387	1203	28.1438	96.8320	16.6	7.8
36	0.00	40387	1129	28.1022	96.8347	16.7	9.9
36	1.90	40387	1129	28.1022	96.8347	17.1	10.0
37	0.00	40387	1111	28.1333	96.8547	16.0	7.5
37	1.30	48387	1111	28.1333	96.8547	16.2	7.5
38	0.00	40387	1047	28.1508	96.8653	15.9	7.7
38	1.40	40387	1047	28.1508	96.8653	16.0	7.8

SAN ANTONIO BAY (NIPS-I) MAR 1987

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
1		90.35	2.53	9.06	9.70	179.98
1		89.59	2.52	9.11	9.66	180.02
2		88.89	2.52	8.37	9.61	180.76
2		84.74	2.23	8.05	9.57	181.39
3		13.55	1.29	1.62	4.11	154.97
3		12.87	1.71	2.82	5.01	155.37
4		81.63	2.27	8.99	9.43	181.84
4		80.48	2.35	8.63	9.38	181.66
5		71.82	2.35	12.28	9.34	177.00
5		72.10	3.40	13.80	9.29	177.48
6		70.09	3.22	2.26	9.24	146.85
6	0.04	75.13	3.04	2.81	9.20	147.27
7	0.33	79.27	2.41	6.01	9.15	147.38
7	0.33	75.38	2.75	7.19	9.10	145.73
8		82.04	3.52	7.43	9.06	157.70
8		79.68	3.38	7.06	9.01	158.24
9		30.94	3.37	3.72	8.97	159.98
9		30.86	3.59	4.48	7.11	161.32
10		3.88	3.23	2.14	7.74	143.64
10		3.70	3.78	4.86	4.79	144.42
11		12.91	3.36	3.60	5.26	146.04
11	0.15	13.23	3.36	5.38	5.33	146.46
12	0.80	33.51	1.19	6.36	5.52	161.97
12	0.79	32.08	1.28	3.80	5.36	161.59
13	0.08	37.80	1.29	4.37	6.02	161.25
13	0.37	39.50	1.35	3.05	6.10	162.59
14	1.05	45.71	1.30	1.99	6.82	145.50
14	1.26	40.70	1.32	1.79	6.47	142.84
15	0.99	53.29	1.19	1.44	7.86	151.57
15	1.04	52.88	1.03	1.73	7.88	151.77
16	3.75	12.78	0.94	2.87	4.62	110.06
16	4.32	9.69	1.02	2.04	4.27	107.00
17	3.67	11.70	0.80	1.21	3.93	110.47
17	3.90	11.77	0.99	1.62	4.22	110.74
18	2.35	26.00	1.03	0.35	5.01	129.26
18	3.44	18.90	1.06	2.89	4.62	123.00
19	1.99	35.97	1.21	0.95	5.79	143.67
19	2.43	32.79	1.34	1.54	6.00	139.58
20	2.56	25.99	1.03	0.71	4.47	135.21
20	8.31	1.61	0.72	0.96	2.01	79.88
21	8.41	1.58	0.55	0.65	1.46	73.52
21	8.52	1.51	0.57	0.61	1.48	73.96
22	8.45	1.40	0.64	1.07	1.66	73.99
22	8.42	1.33	0.69	1.29	1.70	74.64
23	7.97	7.91	1.10	1.98	3.21	110.23
23	8.02	6.69	0.82	1.48	2.49	64.07
24	4.72	1.80	0.06	0.45	0.85	63.74
24	4.98	1.78	0.05	0.35	0.77	63.71
25	3.05	23.34	0.96	0.68	4.17	119.92
25	3.99	15.92	0.82	0.60	3.53	107.58
26	4.55	8.20	0.55	0.50	2.61	95.67
26	5.62	1.02	0.22	0.70	1.95	79.18
27	5.19	0.98	0.12	0.40	1.62	79.26
27	6.27	0.91	0.19	0.53	1.43	72.72
28	5.74	0.93	0.14	0.18	1.55	78.78

SAN ANTONIO BAY (NIPS-I) MAR 1987

28	5.75	0.93	0.15	0.26	1.59	78.50
29	4.92	0.90	0.22	0.81	2.24	83.40
29	5.97	0.89	0.27	0.58	1.85	77.68
30	3.50	10.21	0.68	1.00	3.73	103.37
30	4.74	6.11	0.68	1.03	3.52	94.41
31	4.67	12.25	1.11	0.97	3.81	92.42
31	4.71	13.13	0.90	1.01	3.69	93.05
32	5.97	0.06	1.00	0.77	2.09	72.22
32	6.06	0.04	0.96	1.42	2.34	73.37
33	5.53	5.63	1.18	5.06	3.14	90.29
33	5.53	5.94	0.93	3.79	2.86	90.80
34	5.81	0.06	0.94	1.23	2.54	77.83
34	5.81	0.07	0.76	0.83	2.39	78.41
35	4.91	0.18	0.65	0.71	2.09	81.13
35	4.91	0.31	0.52	0.55	2.00	81.26
36	6.52	0.77	1.36	0.36	1.16	67.64
36	6.49	0.92	1.27	1.12	1.11	68.82
37	4.79	0.32	0.56	0.48	1.76	78.21
37	4.75	0.42	0.49	0.50	1.76	79.29
38	4.99	0.49	0.38	0.48	1.95	79.65
38	5.02	0.62	0.38	0.49	1.99	79.82

SAN ANTONIO BAY (NIPS-I) MAR 1987

STATION3	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
1	4.0	5.7	0.0	8.7	0.07	
1	3.6	5.2	0.0	8.6		
2	3.3	4.1	0.0	8.1	0.10	
2	3.6	4.2	0.0	7.9		
3	15.8	6.9	2.0	9.4	0.20	
3	22.2	15.9	10.0	9.3		
4	3.3	4.3	2.0	8.4	0.10	
4	3.9	4.6	5.0	8.4		
5	2.3	5.1	5.0	9.8	0.10	
5	2.5	4.2	5.0	9.3		
6	8.8	3.9	2.2	11.0	0.15	
6	11.5	3.3	2.2	10.8		
7	2.6	0.2		11.0	0.80	
7	3.0	1.7		10.8		
8	4.6	3.2	6.0	10.4	0.20	
8	6.5	3.4	12.0	10.2		
9	9.9	6.5	6.0	10.2	0.20	
9	10.8	4.5	11.0	10.0		
10	20.6	4.6	7.0	11.2	0.20	
10	22.9	12.1	16.0	10.8		
11	8.3	6.1	5.0	10.6	0.20	
11	14.8	7.0	8.0	9.9		
12	4.6	1.6	9.0	10.6	0.35	
12	5.6	2.2	16.0	10.2		
13	8.6	4.3	7.0	10.6	0.35	
13	10.1	3.7	18.0	10.4		
14	47.6	13.2	7.0	13.4	0.35	
14	41.4	7.1	14.0	12.8		
15	26.2	4.6	7.0	11.2	0.25	
15	21.0	3.8	13.0	10.8		
16	44.1	3.5	10.0	12.6	0.25	
16	49.7	0.4	10.5	12.0		
17	50.1	8.0	10.0	13.6	0.30	
17	44.3	5.0	14.0	11.6		
18	43.0	7.3	10.0	14.2	0.35	
18	38.7	3.8	17.0	11.0		
19	37.2	3.5	12.0	13.6	0.35	
19	33.9	1.6	15.0	11.4		
20	15.6	1.3	12.0	11.2	0.55	
20	22.7	3.0	14.0	12.4		
21	20.6	0.4	12.0	12.6	0.30	
21	21.7	0.0	15.0	12.7		
22	21.0	0.0	15.0	12.6	0.35	
22	21.2	0.0	18.0	12.8		
23	17.4	0.2	12.0	12.4	0.55	
23	19.9	0.4	16.0	12.4		
24	48.7	1.4	12.0	15.0	0.45	
24	47.8	0.0	17.0	14.0		
25	42.4	1.6	12.0	15.6	0.45	
25	42.6	0.9	18.0	13.8		
26	39.1	1.7	13.0	14.3	0.45	
26	44.3	0.0	16.0	13.4		
27	34.5	9.5	14.0	15.4	0.35	
27	31.0	4.7	16.0	11.2		
28	5.0	3.9	14.0	11.3	0.55	

SAN ANTONIO BAY (NIPS-I) MAR 1987

28	6.8	1.4	15.0	11.2	
29	30.8	3.2	14.0	15.0	0.30
29	22.2	1.9	14.0	10.6	
30	45.3	4.2	12.5	14.2	0.30
30	43.7	1.6	13.0	11.0	
31	27.0	5.1	6.0	10.8	0.20
31	26.2	7.4	5.0	10.7	
32	15.6	8.6	6.0	11.0	0.10
32	18.6	10.3	6.0	11.0	
33	3.8	2.4	6.0	10.5	0.40
33	4.9	5.0	5.0	10.4	
34	8.9	5.8	8.0	11.3	0.20
34	10.7	9.1	10.0	11.2	
35	9.1	2.8	5.0	10.6	0.20
35	9.3	3.7	5.0	10.6	
36	7.8	0.4	6.0	10.7	0.90
36	10.0	1.7	6.0	10.6	
37	12.8	5.3	4.0	11.6	0.20
37	17.2	9.8	4.0	11.6	
38	8.5	2.6	5.0	12.4	0.50
38	9.0	1.7	6.0	12.4	

SAN ANTONIO BAY (NIPS-I) APR 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	80487	835	28.4543	96.7922	14.4	0.4
1	0.75	80487	835	28.4543	96.7922	14.4	0.4
2	0.00	80487	908	28.4462	96.7878	15.6	0.4
2	1.75	80487	908	28.4462	96.7878	15.6	0.4
3	0.00	80487	936	28.4023	96.7488	15.2	0.6
3	1.00	80487	936	28.4023	96.7488	15.0	0.5
4	0.00	80487	949	28.3927	96.7733	14.7	0.5
4	1.10	80487	949	28.3927	96.7733	14.5	0.5
5	0.00	80487	1002	28.3790	96.7868	14.6	1.1
5	1.20	80487	1002	28.3790	96.7868	14.5	3.0
6	0.00	80487	1009	28.3705	96.8018	14.7	0.9
6	1.00	80487	1009	28.3705	96.8018	14.8	0.9
7	0.00	80487	1026	28.4123	96.8218	15.0	0.7
7	0.80	80487	1026	28.4123	96.8218	14.6	0.7
8	0.00	80487	1040	28.3485	96.7828	14.9	1.1
8	1.30	80487	1040	28.3485	96.7828	14.4	6.5
9	0.00	80487	1106	28.3475	96.7478	15.2	2.6
9	1.80	80487	1106	28.3475	96.7478	15.2	6.3
10	0.00	80487	1125	28.3615	96.7357	15.4	2.0
10	1.60	80487	1125	28.3615	96.7357	14.4	5.9
11	0.00	80487	1135	28.3763	96.7265	16.1	1.2
11	2.50	80487	1135	28.3763	96.7265	14.8	5.6
12	0.00	80487	1309	28.3345	96.7078	17.5	2.3
12	1.30	80487	1309	28.3345	96.7078	14.5	9.4
13	0.00	80487	1324	28.3263	96.7213	16.8	2.7
13	1.60	80487	1324	28.3263	96.7213	14.5	10.3
14	0.00	80487	1337	28.3115	96.7597	17.3	3.2
14	2.00	80487	1337	28.3115	96.7597	14.5	8.4
15	0.00	80487	1351	28.2932	96.7860	17.1	2.3
15	1.60	80487	1351	28.2932	96.7860	14.8	6.9
16	0.00	80487	1410	28.2497	96.7590	16.7	4.6
16	1.80	80487	1410	28.2497	96.7590	14.5	9.2
17	0.00	80487	1422	28.2583	96.7493	17.0	5.0
17	1.80	80487	1422	28.2583	96.7493	14.4	10.6
18	0.00	80487	1429	28.2722	96.7298	18.9	5.6
18	1.60	80487	1429	28.2722	96.7298	14.9	9.4
19	0.00	80487	1441	28.2857	96.7105	18.1	3.6
19	1.60	80487	1441	28.2857	96.7105	14.5	12.0
20	0.00	80487	1514	28.3065	96.6820	18.4	3.7
20	1.60	80487	1514	28.3065	96.6820	14.9	13.2
21	0.00	80487	1529	28.3163	96.6315	18.1	8.7
21	1.30	80487	1529	28.3163	96.6315	17.9	18.2
22	0.00	80487	1540	28.3065	96.6265	18.3	8.8
22	0.50	80487	1540	28.3065	96.6265	18.1	8.9
23	0.00	80487	1552	28.2955	96.6237	18.1	8.2
23	2.80	80487	1552	28.2955	96.6237	15.6	11.3
24	0.00	80487	1613	28.2773	96.6622	18.0	6.8
24	1.80	80487	1613	28.2773	96.6622	16.0	12.9
25	0.00	80487	1623	28.2588	96.6955	18.6	6.3
25	1.80	80487	1623	28.2588	96.6955	15.8	12.5
26	0.00	80487	1636	28.2358	96.7223	17.3	8.8
26	2.10	80487	1636	28.2358	96.7223	15.6	9.4
27	0.00	80487	1651	28.2187	96.7577	17.1	7.4
27	2.00	80487	1651	28.2187	96.7577	15.2	10.3

SAN ANTONIO BAY (NIPS-I) APR 1987

28	0.00	80487	1729	28.1947	96.7793	16.1	7.4
28	1.50	80487	1729	28.1947	96.7793	15.5	8.2
29	0.00	80487	1740	28.2052	96.7825	17.0	7.5
29	2.00	80487	1740	28.2052	96.7825	16.7	7.8
30	0.00	80487	1803	28.2198	96.7877	18.0	7.8
30		80487	1803	28.2198	96.7877	17.8	7.8
31	0.00	60487	1501	28.2050	96.8112	13.1	4.9
31	1.60	60487	1501	28.2050	96.8112	12.9	5.3
32	0.00	60487	1445	28.1908	96.8053	13.3	9.4
32	1.50	60487	1445	28.1908	96.8053	13.3	9.5
33	0.00	60487	1419	28.1813	96.8353	13.1	9.7
33	1.20	60487	1419	28.1813	96.8353	13.1	10.0
34	0.00	60487	1401	28.1717	96.8280	13.0	7.6
34	1.00	60487	1401	28.1717	96.8280	13.1	7.8
35	0.00	60487	1331	28.1438	96.8320	12.8	7.3
35	1.50	60487	1331	28.1438	96.8320	12.7	7.5
36	0.00	60487	1253	28.1022	96.8347	12.5	8.0
36	2.30	60487	1253	28.1022	96.8347	12.3	8.2
37	0.00	60487	1204	28.1333	96.8547	12.8	7.2
37	1.50	60487	1204	28.1333	96.8547	12.6	7.4
38	0.00	60487	1143	28.1508	96.8653	12.9	10.0
38	1.50	60487	1143	28.1508	96.8653	12.6	10.1

SAN ANTONIO BAY (NIPS-I) APR 1987

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
1		101.79	1.12	5.99	8.36	172.72
1		98.49	1.26	6.32	8.56	172.68
2		98.70	1.79	7.59	9.37	172.63
2		96.54	1.95	8.15	9.52	172.59
3		81.06	1.05	5.95	9.11	170.45
3		78.52	1.10	6.66	9.18	170.03
4		78.15	1.13	7.67	9.40	174.08
4		76.76	1.18	7.41	9.38	173.86
5	0.17	54.83	1.10	3.22	9.42	164.78
5	1.67	53.45	1.14	2.43	9.41	165.03
6	0.01	52.42	1.06	11.46	9.34	171.07
6		51.05	1.29	11.81	9.32	170.94
7		58.37	0.73	2.19	9.31	172.19
7		58.86	0.85	5.54	9.29	172.15
8	0.17	41.71	0.96	5.69	9.28	169.83
8	4.36	43.29	0.88	6.13	9.27	171.00
9	1.25	30.21	0.90	1.84	7.86	152.53
9	4.04	30.01	0.96	1.65	7.92	152.03
10	0.77	30.54	1.09	2.31	8.24	153.29
10	3.89	30.76	1.19	2.59	8.40	153.20
11	0.02	63.06	1.18	4.86	8.30	165.31
11	3.60	36.50	1.14	9.78	6.65	142.74
12	0.58	48.07	0.70	4.07	6.81	151.83
12	6.48	38.04	0.75	6.46	6.25	147.91
13	1.06	36.78	0.58	4.31	6.99	148.14
13	7.20	28.00	0.97	5.51	7.68	143.56
14	1.29	24.33	0.66	1.97	6.77	147.75
14	5.76	20.11	0.68	1.77	6.41	145.13
15	0.71	33.05	0.57	1.63	8.48	157.26
15	4.52	31.66	0.61	2.75	8.44	157.37
16	2.50	20.97	0.54	1.28	6.62	145.75
16	6.38	17.22	0.65	1.86	6.19	141.89
17	2.77	18.14	0.50	0.93	6.05	142.80
17	7.46	12.98	0.56	1.54	5.27	137.08
18	2.79	12.72	0.53	1.44	5.40	137.33
18	6.46	6.76	0.50	1.22	4.53	132.78
19	1.44	24.05	0.55	1.60	6.80	146.13
19	8.48	17.71	0.66	1.59	6.03	139.93
20	1.46	33.00	0.61	1.60	7.11	145.97
20	9.31	21.10	0.58	1.63	5.69	132.44
21	5.33	13.12	0.44	1.00	4.40	121.47
21	12.57	10.85	0.43	0.94	3.97	115.61
22	5.38	14.01	0.51	1.78	4.63	122.56
22	5.47	14.00	0.55	1.86	4.68	122.32
23	4.90	14.43	0.45	0.87	4.62	125.11
23	7.74	11.06	0.44	1.31	4.15	118.90
24	3.89	13.53	0.49	1.12	4.86	130.68
24	8.90	10.19	0.47	1.11	4.32	123.67
25	3.40	10.88	0.51	1.10	4.80	132.23
25	8.64	6.33	0.48	0.98	4.29	127.70
26	5.54	0.82	0.15	0.72	3.33	121.73
26	6.33	0.78	0.14	0.80	3.31	121.27
27	4.54	0.78	0.13	0.79	3.43	128.79
27	7.08	0.83	0.14	0.83	3.39	127.90

SAN ANTONIO BAY (NIPS-I) APR 1987

28	4.72	0.91	0.29	1.58	3.61	128.33
28	5.44	0.92	0.37	1.97	3.73	128.33
29	4.65	0.97	0.11	1.02	3.28	127.51
29	4.89	1.05	0.13	0.97	3.34	127.72
30	4.64	0.95	0.30	1.63	3.91	131.43
30	4.73	1.23	0.05	1.58	3.83	131.53
31	3.28	29.16	0.45	0.27	6.50	139.14
31	3.66	27.04	0.55	0.37	6.48	138.88
32	6.67	21.80	0.69	0.43	6.45	138.32
32	6.76	22.91	0.73	0.36	6.42	138.43
33	6.94	16.69	0.82	0.33	6.39	136.09
33	7.18	14.31	0.84	0.45	6.63	134.35
34	5.37	5.72	0.41	0.29	6.34	115.41
34	5.50	5.58	0.41	0.26	6.31	114.97
35	5.16	11.26	0.72	0.29	6.28	133.35
35	5.32	10.50	0.68	0.29	6.25	132.69
36	5.77	4.43	0.55	0.78	6.22	129.86
36	5.90	5.81	1.23	0.50	6.20	128.61
37	5.11	4.60	0.38	0.28	6.17	115.69
37	5.28	4.45	0.59	0.79	6.14	113.60
38	7.21	6.10	0.95	0.59	6.11	128.43
38	7.36	6.44	1.46	0.38	6.08	128.07

SAN ANTONIO BAY (NIPS-I) APR 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
1	2.2	1.3	0.0	10.6	0.75	
1	2.5	1.7	0.0	10.4		
2	2.5	2.3	0.0	11.0	1.75	
2	2.4	2.8	0.0	10.6		
3	2.4	1.3	0.0	11.4	1.00	
3	3.0	1.4	0.0	10.0		
4	4.0	0.0	0.0	11.4	1.10	
4	2.7	1.3	0.0	11.0		
5	10.1	1.2	0.0	12.0	1.20	
5	10.7	2.7	0.0	11.4		
6	3.9	1.5	0.0	11.4	1.00	
6	4.5	1.9	0.0	11.4		
7	1.5	0.5	0.0	11.2	0.80	
7	1.8	0.9	0.0	11.0		
8	0.6	0.6	0.0	10.3	1.30	
8	3.0	1.6	0.0	3.9		
9	15.0	5.8	2.0	12.6	1.80	
9	13.7	6.3	2.0	11.0		
10	16.7	5.1	1.5	12.8	1.60	
10	18.6	4.0	2.0	11.4		
11	2.4	1.0	1.0	11.0	2.50	
11	5.3	1.8	5.0	10.0		
12	2.2	0.8	1.0	11.2	1.30	
12	4.7	1.6	2.0	5.2		
13	6.5	2.0	2.0	11.6	1.60	
13	10.6	4.5	4.0	6.3		
14	7.3	1.4	2.0	13.4	2.00	
14	11.0	2.7	4.0	8.4		
15	6.1	1.4	2.0	11.6	1.60	
15	6.4	1.3	2.0	8.4		
16	9.0	1.8	4.0	13.0	1.80	
16	11.7	2.8	4.5	9.5		
17	4.4	0.9	4.5	13.4	1.80	
17	13.3	2.6	5.5	8.8		
18	12.5	2.9	5.0	13.2	1.60	
18	17.2	3.6	6.0	11.2		
19	9.7	2.1	3.5	13.0	1.60	
19	19.9	4.5	4.0	8.6		
20	7.3	1.3	3.5	11.8	1.60	
20	8.5	2.3	6.0	10.0		
21	5.9	1.2	9.0	12.5	1.30	
21	7.4	1.7	9.8	12.8		
22	5.0	1.9	8.0	13.0	0.50	
22	6.3	2.0	8.0	13.0		
23	6.7	1.3	7.0	13.6	2.80	
23	8.0	1.4	9.0	11.8		
24	8.9	1.6	6.0	14.2	1.80	
24	9.9	1.6	7.0	9.9		
25	12.4	2.9	6.0	14.6	1.80	
25	15.2	3.4	7.0	9.9		
26	9.5	1.7	8.0	14.2	2.10	
26	9.9	1.8	8.0	13.4		
27	9.1	2.2	7.0	14.8	2.00	
27	7.9	2.1	7.0	10.6		

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SAN ANTONIO BAY (NIPS-I) APR 1987

28	9.9	11.3	4.0	13.2	1.50
28	13.7	2.4	3.1	9.8	
29	13.5	2.7	3.0	15.1	0.60
29	14.6	2.7	3.9	14.8	
30	15.8	4.3	3.9	14.2	
30	16.6	4.5	3.9	14.3	
31	26.4	7.2	2.0	11.8	0.10
31	24.3	8.1	2.0	11.4	
32	4.2	2.6	4.0	11.2	0.50
32	10.7	7.0	3.9	11.1	
33	9.5	6.6	4.0	11.2	0.20
33	12.0	7.9	3.9	11.3	
34	7.5	6.7	4.0	11.6	0.05
34	10.5	37.9	4.0	11.4	
35	12.2	9.8	3.0	11.3	0.05
35	11.3	10.6	3.0	11.3	
36	11.8	5.8	3.0	11.3	0.10
36	9.9	3.3	3.0	11.3	
37	12.7	16.3	3.0	11.2	0.08
37	14.3	16.4	8.0	11.2	
38	9.2	14.9	10.0	11.2	1.00
38	9.7	14.8	10.0	11.2	

SAN ANTONIO BAY (NIPS-I) APR 1987

STATION1	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
A	0.00	60487	2008	28.3927	96.7733	13.3	1.3
A	1.25	60487	2008	28.3927	96.7733	13.3	1.3
A	0.00	60487	2110	28.3927	96.7733	13.2	1.2
A	1.25	60487	2110	28.3927	96.7733	13.3	1.4
A	0.00	60487	2210	28.3927	96.7733	13.2	1.1
A	1.25	60487	2210	28.3927	96.7733	13.3	1.4
A	0.00	60487	2300	28.3927	96.7733	13.2	1.1
A	1.25	60487	2300	28.3927	96.7733	13.3	1.5
A	0.00	60487	2405	28.3927	96.7733	13.2	1.1
A	1.25	60487	2405	28.3927	96.7733	13.3	1.4
A	0.00	70487	105	28.3927	96.7733	13.1	1.1
A	1.25	70487	105	28.3927	96.7733	13.1	1.1
A	0.00	70487	200	28.3927	96.7733	13.1	1.1
A	1.25	70487	200	28.3927	96.7733	13.1	1.1
A	0.00	70487	300	28.3927	96.7733	13.0	1.0
A	1.25	70487	300	28.3927	96.7733	13.0	1.0
A	0.00	70487	405	28.3927	96.7733	13.0	1.0
A	1.25	70487	405	28.3927	96.7733	13.0	1.0
A	0.00	70487	505	28.3927	96.7733	13.1	1.0
A	1.25	70487	505	28.3927	96.7733	13.0	1.0
A	0.00	70487	600	28.3927	96.7733	13.0	0.9
A	1.25	70487	600	28.3927	96.7733	13.0	0.9
A	0.00	70487	700	28.3927	96.7733		
A	1.25	70487	700	28.3927	96.7733		
A	0.00	70487	2008	28.3927	96.7733	15.6	0.9
A	1.25	70487	2008	28.3927	96.7733	15.7	0.9
A	0.00	70487	2105	28.3927	96.7733	15.4	0.9
A	1.25	70487	2105	28.3927	96.7733	15.5	0.9
A	0.00	70487	2202	28.3927	96.7733	15.2	0.9
A	1.25	70487	2202	28.3927	96.7733	15.3	0.9
A	0.00	70487	2308	28.3927	96.7733	15.1	1.0
A	1.25	70487	3208	28.3927	96.7733	15.1	1.0
A	0.00	70487	2400	28.3927	96.7733	15.0	1.0
A	1.25	70487	2400	28.3927	96.7733	15.0	1.0
A	0.00	80487	100	28.3927	96.7733	14.9	1.0
A	1.25	80487	100	28.3927	96.7733	14.9	1.0
A	0.00	80487	205	28.3927	96.7733	14.9	1.0
A	1.25	80487	205	28.3927	96.7733	14.9	1.0
A	0.00	80487	300	28.3927	96.7733	14.8	1.0
A	1.25	80487	300	28.3927	96.7733	14.8	1.0
A	0.00	80487	403	28.3927	96.7733	14.6	0.9
A	1.25	80487	403	28.3927	96.7733	14.5	0.9
A	0.00	80487	502	28.3927	96.7733	14.5	0.9
A	1.25	80487	502	28.3927	96.7733	14.4	0.9
A	0.00	80487	601	28.3927	96.7733	14.3	0.9
A	1.25	80487	601	28.3927	96.7733	14.3	0.9
A	0.00	80487	704	28.3927	96.7733	14.4	0.9
A	1.25	80487	704	28.3927	96.7733	14.3	0.9

SAN ANTONIO BAY (NIPS-I) APR 1987

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
A	0.50	25.33	4.66	32.67	16.28	181.80
A	0.51	23.77	5.10	34.00	16.31	184.10
A	0.45	24.32	4.44	31.67	16.33	186.40
A	0.62	21.19	5.08	40.00	16.35	186.42
A	0.41	24.63	4.01	32.67	16.37	190.54
A	0.64	21.06	4.35	33.67	16.40	187.82
A	0.42	23.85	3.69	24.00	16.42	192.40
A	0.69	19.93	3.63	29.00	9.89	188.31
A	0.42	22.16	4.27	27.33	10.66	193.80
A	0.63	18.99	5.71	42.67	11.53	194.28
A	0.37	22.21	3.25	22.33	10.13	194.29
A	0.38	21.10	3.49	26.00	10.51	195.22
A	0.40	19.80	3.93	24.00	9.51	192.96
A	0.39	20.46	3.27	28.00	9.97	195.71
A	0.35	19.89	3.11	30.33	9.87	196.18
A	0.36	18.83	4.55	33.33	10.24	197.57
A	0.35	18.95	4.69	33.67	10.27	199.41
A	0.35	18.92	4.73	36.67	10.38	210.26
A	0.33	19.04	4.86	36.00	10.65	202.64
A	0.35	18.46	5.70	40.00	11.20	203.57
A	0.28	21.48	4.94	36.67	11.06	205.87
A	0.29	21.77	4.68	34.00	10.38	205.43
A		22.26	4.42	31.33	10.05	206.82
A		19.74	5.46	40.00	11.34	209.12
A		61.19	1.04	2.87	9.16	166.07
A		60.32	1.20	2.96	9.22	165.81
A		59.62	1.47	9.57	9.52	166.09
A		59.51	1.29	3.08	9.35	165.47
A		52.69	1.14	2.72	8.74	162.31
A		52.96	1.15	2.94	8.92	161.87
A	0.01	48.05	1.08	2.94	8.46	160.71
A	0.01	47.97	1.16	3.16	8.53	159.36
A	0.03	48.38	1.17	3.37	8.57	159.29
A	0.03	47.24	1.18	2.97	8.45	159.21
A	0.04	47.32	1.10	2.83	8.39	159.31
A	0.04	46.66	1.18	3.50	8.68	159.59
A	0.04	47.04	1.09	2.82	8.48	159.51
A	0.05	46.69	1.16	3.71	8.77	159.43
A	0.06	46.70	1.15	2.90	8.58	159.90
A	0.06	46.09	1.19	3.61	8.86	160.36
A	0.06	52.55	1.13	3.12	9.05	162.27
A	0.08	51.90	1.07	2.49	8.94	162.01
A	0.07	54.83	1.13	2.66	9.24	163.38
A	0.09	55.13	1.11	2.88	9.36	162.94
A	0.11	52.30	1.10	2.92	9.06	161.77
A	0.11	52.40	1.29	9.04	9.42	162.42
A	0.11	50.81	0.88	3.00	8.97	160.35
A	0.12	51.07	0.91	3.45	9.11	160.09

SAN ANTONIO BAY (NIPS-I) APR 1987

STATION3	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
A	16.7	3.0	0.0	10.1		
A	15.5	3.1	0.0	10.2		
A	16.4	2.7	0.0	9.9		
A	15.3	3.1	0.0	9.6		
A	18.4	3.2	0.0	10.3		
A	14.9	4.3	0.0	9.9		
A	16.4	3.2	0.0	10.2		
A	17.5	4.1	0.0	9.7		
A	16.8	3.1	0.0	9.9		
A	15.4	3.5	0.0	9.8		
A	16.2	2.9	0.0	9.9		
A	14.3	3.3	0.0	10.2		
A	15.6	2.9	0.0	9.8		
A	13.0	4.6	0.0	10.2		
A	15.1	3.1	0.0	9.8		
A	14.9	2.9	0.0	10.0		
A	17.5	3.5	0.0	9.7		
A	15.4	3.9	0.0	9.9		
A	18.3	3.4	0.0	9.6		
A	20.2	4.6	0.0	9.9		
A	19.5	3.7	0.0	9.6		
A	20.5	3.7	0.0	10.1		
A	20.7	3.7	0.0	10		
A	21.4		0.0	10.1		
A	11.6	7.2	0.0	9.9		
A	8.8	14.3	0.0	10.2		
A	9.1	5.7	0.0	9.9		
A	10.8	6.7	0.0	10.5		
A	8.6	5.2	0.0	10.1		
A	8.9	6.6	0.0	10.2		
A	9.6	5.4	0.0	10		
A	9.7	6.2	0.0	10.2		
A	13.0	5.9	0.0			
A	12.9	5.9	0.0	10.1		
A	11.9	6.7	0.0			
A	13.0	6.5	0.0			
A	14.1	7.3	0.0			
A	13.7	7.7	0.0			
A	12.3	8.0	0.0			
A	12.1	7.9	0.0			
A	12.1	7.7	0.0			
A	12.0	8.4	0.0			
A	11.4	6.2	0.0			
A	12.2	6.6	0.0			
A	14.5	7.0	0.0			
A	14.9	6.2	0.0			
A	11.2	5.5	0.0			
A	18.5	10.9	0.0			

SAN ANTONIO BAY (NIPS-I) APR 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
B	0.00	70487	954	28.3475	96.7478	13.1	1.4
B	1.90	70487	954	28.3475	96.7478	13.1	1.4
B	0.00	70487	1115	28.3475	96.7478	13.8	1.5
B	1.90	70487	1115	28.3475	96.7478	13.5	1.6
B	0.00	70487	1323	28.3475	96.7478	14.8	1.6
B	1.90	70487	1323	28.3475	96.7478	14.2	1.7
B	0.00	70487	1511	28.3475	96.7478	15.4	1.6
B	1.90	70487	1511	28.3475	96.7478	13.4	10.0
B	0.00	70487	1735	28.3475	96.7478	15.4	1.9
B	1.90	70487	1735	28.3475	96.7478	13.6	8.1

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
B	0.67	50.99		30.33		420.80
B	0.67	44.21		28.00		404.15
B	0.62	48.03		18.67		417.64
B	0.69	42.12		46.67		413.32
B	0.50	43.07		20.53		415.40
B	0.67	41.65		20.30		416.11
B	0.46	40.49		18.90		414.99
B	7.14	39.19		16.80		412.04
B	0.69	39.02		17.03		409.09
B	5.66	31.86		16.80		397.47

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
B	20.4	5.2	1.0	11.4	0.18	
B	19.1	3.9	2.0	11.3		
B	20.0	4.6	1.5	11.8	0.16	
B	20.0	16.7	2.0	11.4		
B	12.5	3.8	1.0	12.2	0.22	
B	19.3	4.2	1.0	11.8		
B	9.9	3.0	2.0	12.4	0.22	
B	13.7	3.3	2.0	10.2		
B	15.7	3.2	2.0	13.2	0.27	
B	14.0	3.1	4.0	10.4		

SAN ANTONIO BAY (NIPS-I) APR 1987

STATION1	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
C	0.00	80487	2000	28.2497	96.7590	17.4	6.3
C	1.90	80487	2000	28.2497	96.7590	15.0	10.1
C	0.00	80487	2108	28.2497	96.7590	17.1	6.2
C	1.90	80487	2108	28.2497	96.7590	15.4	8.1
C	0.00	80487	2209	28.2497	96.7590	17.1	6.7
C	1.90	80487	2206	28.2497	96.7590	15.1	9.4
C	0.00	80487	2309	28.2497	96.7590	16.9	6.3
C	1.90	80487	2307	28.2497	96.7590	15.4	8.7
C	0.00	80487	2410	28.2497	96.7590	17.0	6.8
C	1.90	80487	2407	28.2497	96.7590	15.4	9.3
C	0.00	90487	109	28.2497	96.7590	16.9	7.2
C	1.90	90487	107	28.2497	96.7590	15.5	10.9
C	0.00	90487	206	28.2497	96.7590	16.9	8.1
C	1.90	90487	204	28.2497	96.7590	15.5	12.2
C	0.00	90487	308	28.2497	96.7590	16.5	7.2
C	1.90	90487	305	28.2497	96.7590	15.5	11.3
C	0.00	90487	406	28.2497	96.7590	16.5	8.1
C	1.90	90487	404	28.2497	96.7590	15.5	11.3
C	0.00	90487	508	28.2497	96.7590	16.5	8.1
C	1.90	90487	506	28.2497	96.7590	15.5	10.6
C	0.00	90487	600	28.2497	96.7590	16.5	8.1
C	1.90	90487	607	28.2497	96.7590	15.5	10.6
C	0.00	90487	707	28.2497	96.7590	16.5	8.4
C	1.90	90487	705	28.2497	96.7590	15.5	10.9
C	0.00	90487	2000	28.2497	96.7590	18.1	9.3
C	1.90	90487	2000	28.2497	96.7590	18.0	9.4
C	0.00	90487	2102	28.2497	96.7590	17.1	9.4
C	1.90	90487	2100	28.2497	96.7590	17.0	9.4
C	0.00	90487	2200	28.2497	96.7590	17.0	9.4
C	1.90	90487	2200	28.2497	96.7590	17.0	9.4
C	0.00	90487	2307	28.2497	96.7590	17.1	9.4
C	1.90	90487	2305	28.2497	96.7590	16.5	9.4
C	0.00	90487	2400	28.2497	96.7590	16.6	8.7
C	1.90	90487	2400	28.2497	96.7590	16.6	9.4
C	0.00	100487	107	28.2497	96.7590	16.6	8.8
C	1.90	100487	104	28.2497	96.7590	16.6	9.3
C	0.00	100487	204	28.2497	96.7590	18.6	8.8
C	1.90	100487	204	28.2497	96.7590	18.6	9.0
C	0.00	100487	305	28.2497	96.7590	18.9	8.8
C	1.90	100487	303	28.2497	96.7590	18.9	8.8
C	0.00	100487	406	28.2497	96.7590	18.9	8.8
C	1.90	100487	404	28.2497	96.7590	18.9	8.8
C	0.00	100487	507	28.2497	96.7590	18.6	8.7
C	1.90	100487	404	28.2497	96.7590	18.6	8.7
C	0.00	100487	606	28.2497	96.7590	18.5	8.7
C	1.90	100487	603	28.2497	96.7590	18.4	8.7
C	0.00	100487	704	28.2497	96.7590	18.4	8.7
C	1.90	100487	701	28.2497	96.7590	18.1	8.7

SAN ANTONIO BAY (NIPS-I) APR 1987

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
C	3.64	13.46	1.89	0.42	6.92	144.28
C	6.92	12.61	1.79	0.43	6.92	143.32
C	3.65	12.31	1.52	0.39	6.92	143.83
C	5.37	12.27	1.72	0.40	6.92	143.60
C	4.02	10.05	0.76	0.32	6.91	143.74
C	6.37	6.13	0.76	1.01	6.91	133.82
C	3.74	9.70	0.89	0.47	6.91	143.46
C	5.79	5.36	0.56	0.59	6.91	134.64
C	4.09	9.63	0.91	0.08	6.91	143.19
C	6.27	5.48	0.58	0.47	6.91	133.27
C	4.39	8.65	0.56	0.37	6.91	142.00
C	7.52	9.10	1.02	0.46	6.91	139.76
C	5.09	9.07	1.21	0.29	6.91	140.99
C	8.50	6.24	0.67	1.12	6.91	133.82
C	4.46	6.80	0.65	0.44	6.91	140.35
C	7.76	6.71	0.72	0.45	6.91	138.84
C	5.17	6.34	0.70	0.32	6.91	140.63
C	7.76	6.15	0.68	0.58	6.90	139.12
C	5.17	4.24	0.53	0.38	6.90	139.44
C	7.27	4.56	0.56	0.39	6.90	139.03
C	5.17	2.39	0.48	0.33	6.90	138.62
C	7.27	2.36	0.49	0.34	6.90	137.84
C	5.40	1.17	0.36	0.30	6.90	137.61
C	7.52	3.78	0.52	1.45	6.90	133.54
C	5.76	1.86	0.19	0.28	7.34	149.94
C	5.83	1.68	0.17	0.58	7.25	150.70
C	6.01	1.48	0.37	0.34	8.22	152.40
C	6.03	1.54	0.26	0.23	7.65	153.06
C	6.03	1.47	0.28	0.49	7.13	153.05
C	6.03	1.47	0.38	0.34	7.82	153.61
C	6.01	1.54	0.35	0.24	7.26	153.34
C	6.12	1.52	0.32	0.36	6.95	153.23
C	5.62	1.45	0.35	0.26	7.75	152.29
C	6.10	1.36	0.44	0.38	8.54	152.34
C	5.67	1.24	0.53	0.79	7.50	151.95
C	6.05	1.32	0.42	0.92	7.52	152.41
C	5.27	1.25	0.54	0.81	8.64	158.49
C	5.46	1.08	0.75	0.70	8.95	157.31
C	5.21	1.21	0.86	0.70	8.75	161.36
C	5.21	1.38	0.69	1.37	8.28	161.72
C	5.21	1.29	0.78	0.98	8.00	162.18
C	5.21	1.10	1.00	1.12	10.07	163.25
C	5.18	0.99	0.80	0.93	8.60	158.95
C	5.18	0.73	1.07	0.92	8.84	159.14
C	5.20	0.73	1.05	0.91	8.68	157.89
C	5.27	0.69	1.09	0.78	8.47	157.95
C	5.27	0.72	1.06	1.04	7.75	158.00
C	5.33	0.73	1.22	1.05	8.52	158.89

SAN ANTONIO BAY (NIPS-I) APR 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
C			6.0	14.4		
C			5.0	9.8		
C			5.0	14.2		
C			5.0	9.5		
C			5.0	13.9		
C			5.0	9.3		
C			6.0	13.8		
C			6.0	10.4		
C			6.0	13.7		
C			8.0	9.0		
C			5.0	13.5		
C			6.0	9.4		
C			6.0	13.2		
C			8.0	9.8		
C			6.0	13.0		
C			7.9	9.3		
C			6.0	13.0		
C			7.0	9.4		
C			6.0	13.0		
C			6.5	9.4		
C			6.0	12.8		
C			6.0	8.8		
C			5.0	12.6		
C			8.0	9.0		
C			8.0	11.4		
C			9.0	10.6		
C			8.0	10.8		
C			9.0	11.2		
C			8.0	10.8		
C			9.0	11.2		
C			9.0	10.6		
C			9.0	10.8		
C			9.0	10.3		
C			9.0	10.8		
C			8.0	10.2		
C			8.0	10.6		
C			8.0	10.2		
C			8.0	10.2		
C			8.0	10.0		
C			8.0	10.4		
C			8.0	10.0		
C			8.0	10.2		
C			8.0	10.0		
C			8.0	10.2		
C			8.0	9.8		
C			8.0	10.6		
C			8.0	9.6		
C			8.0	9.6		

SAN ANTONIO BAY (NIPS-I) APR 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
D	0.00	90487	1007	28.2857	96.7105	16.3	4.5
D	1.75	90487	1007	28.2857	96.7105	16.7	8.1
D	0.00	90487	1148	28.2857	96.7105	16.8	4.3
D	1.75	90487	1148	28.2857	96.7105	16.8	6.5
D	0.00	90487	1401	28.2857	96.7105	18.4	4.8
D	1.75	90487	1401	28.2857	96.7105	17.6	5.2
D	0.00	90487	1459	28.2857	96.7105	18.6	5.3
D	1.75	90487	1459	28.2857	96.7105	18.5	5.9
D	0.00	90487	1700	28.2857	96.7105	18.8	6.2
D	1.75	90487	1700	28.2857	96.7105	18.9	6.3
D	0.00	90487	1800	28.2857	96.7105	18.7	6.2
D	1.75	90487	1800	28.2857	96.7105	18.8	6.4

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
D	2.50	29.16	0.45	0.27	6.50	139.14
D	5.13	27.04	0.55	0.37	6.48	138.88
D	2.25	21.80	0.69	0.43	6.45	138.32
D	3.94	22.91	0.73	0.36	6.42	138.43
D	2.33	16.69	0.82	0.33	6.39	136.09
D	2.78	14.31	0.84	0.45	6.36	134.35
D	2.67	11.26	0.72	0.29	6.28	133.35
D	3.15	10.50	0.68	0.29	6.25	132.69
D	3.32	4.43	0.55	0.78	6.22	129.86
D	3.34	5.81	1.23	0.50	6.20	128.61
D	3.34	6.10	0.95	0.59	6.11	128.43
D	3.41	6.44	1.46	0.38	6.08	128.07

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
D	21.1	4.0	2.0	12.0	0.50	
D	17.4	4.1	1.9	10.4		
D	12.5	3.1	3.5	13.5	0.40	
D	16.7	3.9	4.0	13.2		
D	20.8	5.1	6.0	14.2	0.32	
D	21.0	4.6	6.0	13.6		
D	22.1	4.7	5.0	14.6	0.45	
D	24.6	5.2	5.5	14.2		
D	23.3	5.9	6.0	16.6	0.38	
D	26.6	5.8	6.0	16.4		
D	34.7	8.0	6.0	16.2	0.33	
D	32.0	7.2	6.0	16.1		

SAN ANTONIO BAY (NIPS-I) JUN 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	30687	857	28.4543	96.7922	25.2	0.4
1	1.20	30687	857	28.4543	96.7922	25.2	0.3
2	0.00	30687	915	28.4462	96.7878	25.0	0.3
2	1.60	30687	915	28.4462	96.7878	25.0	0.3
3	0.00	30687	944	28.4023	96.7488	25.7	0.4
3	1.60	30687	944	28.4023	96.7488	25.7	0.4
4	0.00	30687	958	28.3927	96.7733	26.1	1.0
4	1.40	30687	958	28.3927	96.7733	26.2	1.0
5	0.00	30687	1011	28.3790	96.7868	26.2	1.8
5	1.50	30687	1011	28.3790	96.7868	26.2	1.8
6	0.00	30687	1021	28.3705	96.8018	26.2	4.4
6	1.30	30687	1021	28.3705	96.8018	26.4	4.4
7	0.00	30687	1042	28.4123	96.8218	26.4	0.8
7	1.10	30687	1042	28.4123	96.8218	26.3	0.8
8	0.00	30687	1105	28.3485	96.7828	26.4	3.6
8	1.50	30687	1105	28.3485	96.7828	26.2	3.7
9	0.00	30687	1118	28.3475	96.7478	26.7	3.4
9	2.00	30687	1118	28.3475	96.7478	26.7	4.6
10	0.00	30687	1132	28.3615	96.7357	26.6	7.2
10	1.70	30687	1132	28.3615	96.7357	26.3	7.3
11	0.00	30687	1143	28.3763	96.7265	26.5	6.8
11	4.60	30687	1143	28.3763	96.7265	25.9	8.0
12	0.00	30687	1641	28.3345	96.7078	26.0	6.2
12	1.50	30687	1641	28.3345	96.7078	26.0	6.3
13	0.00	30687	1650	28.3263	96.7213	26.2	6.3
13	1.80	30687	1650	28.3263	96.7213	26.3	6.3
14	0.00	30687	1705	28.3115	96.7597	26.6	3.8
14	1.90	30687	1705	28.3115	96.7597	26.5	3.9
15	0.00	30687	1715	28.2932	96.7860	26.2	5.2
15	2.00	30687	1715	28.2932	96.7860	26.2	5.3
16	0.00	30687	1752	28.2497	96.7590	26.0	4.3
16	2.00	30687	1752	28.2497	96.7590	26.2	4.3
17	0.00	30687	1810	28.2583	96.7493	26.2	3.9
17	2.10	30687	1810	28.2583	96.7493	26.2	3.9
18	0.00	30687	1821	28.2722	96.7298	26.2	4.9
18	2.00	30687	1821	28.2722	96.7298	26.1	4.9
19	0.00	30687	1834	28.2857	96.7105	26.2	6.2
19	1.80	30687	1834	28.2857	96.7105	26.3	6.2
20	0.00	30687	1848	28.3065	96.6820	26.4	9.9
20	1.90	30687	1848	28.3065	96.6820	26.4	9.9
21	0.00	30687	1904	28.3163	96.6315	26.5	14.6
21	1.50	30687	1904	28.3163	96.6315	26.5	14.5
22	0.00	30687	1913	28.3065	96.6265	26.3	16.2
22	1.00	30687	1913	28.3065	96.6265	26.5	16.4
23	0.00	30687	1926	28.2955	96.6237	26.4	17.3
23	3.10	30687	1926	28.2955	96.6237	26.3	17.3
24	0.00	30687	1954	28.2773	96.6622	26.3	13.1
24	2.10	30687	1954	28.2773	96.6622	26.3	13.1
25	0.00	30687	2010	28.2588	96.6955	26.3	10.3
25	2.10	30687	2010	28.2588	96.6955	26.2	10.5
26	0.00	30687	2020	28.2358	96.7223	26.1	8.8
26	2.30	30687	2020	28.2358	96.7223	26.1	8.8
27	0.00	30687	2031	28.2187	96.7577	26.3	5.9
27	2.40	30687	2031	28.2187	96.7577	26.3	6.2

SAN ANTONIO BAY (NIPS-I) JUN 1987

28	0.00	30687	2047	28.1947	96.7793	25.9	7.5
28	1.70	30687	2047	28.1947	96.7793	25.8	7.5
29	0.00	30687	2102	28.2052	96.7825	26.1	6.2
29	2.10	30687	2102	28.2052	96.7825	26.1	6.3
30	0.00	30687	2115	28.2198	96.7877	26.1	6.3
30	1.80	30687	2115	28.2198	96.7877	26.1	6.4
31	0.00	20687	1542	28.2050	96.8112	27.2	6.3
31	1.70	20687	1542	28.2050	96.8112	27.1	6.3
32	0.00	20687	1525	28.1908	96.8053	27.2	6.9
32	1.20	20687	1525	28.1908	96.8053	27.2	6.9
33	0.00	20687	1507	28.1813	96.8353	27.2	7.5
33	1.00	20687	1507	28.1813	96.8353	27.2	7.5
34	0.00	20687	1451	28.1717	96.8280	27.6	9.2
34	1.00	20687	1451	28.1717	96.8280	27.5	9.3
35	0.00	20687	1425	28.1438	96.8320	27.0	8.0
35	1.80	20687	1425	28.1438	96.8320	26.9	8.0
36	0.00	20687	1210	28.1022	96.8347	26.9	12.6
36	1.40	20687	1210	28.1022	96.8347	27.0	12.8
37	0.00	20687	1142	28.1333	96.8547	26.4	7.6
37	1.90	20687	1142	28.1333	96.8547	26.3	7.7
38	0.00	20687	1119	28.1508	96.8653	26.3	8.2
38	1.50	20687	1119	28.1508	96.8653	26.2	8.2

SAN ANTONIO BAY (NIPS-I) JUN 1987

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
1			1.50	3.07	9.36	1193.67
1			1.30	2.93	13.97	1232.84
2			1.16	2.94	11.43	1021.31
2		71.12	1.19	3.47	5.74	1014.70
3		412.57	0.88	3.14	6.02	1208.65
3		431.95	0.96	3.58	7.13	1173.70
4		282.96	0.74	2.55	5.94	1230.32
4		279.02	0.83	2.22	9.34	1193.19
5		238.24	0.38	2.76	7.77	1036.16
5		61.44	0.58	2.75	7.30	1051.24
6	0.13	32.50	1.00	3.06	7.00	1018.58
6	0.08	33.52	1.30	2.41	7.14	1035.95
7		156.05	0.95	8.64	8.28	1164.50
7			0.62	2.16	5.98	1192.77
8		36.25	1.04	6.00	3.93	181.07
8		41.43	1.13	3.58	8.85	178.61
9		58.48	2.11	7.34	8.65	954.94
9	0.20	41.32	1.38	2.95	6.79	991.94
10	2.09	27.99	2.28	3.05	5.81	163.57
10	2.32	27.90	1.51	4.19	7.25	1129.14
11	1.85	30.01	1.80	4.35	7.83	1057.13
11	2.93	27.11	0.58	3.09	5.32	926.26
12	1.58	10.89	0.55	1.41	5.06	1009.03
12	1.62	9.96	0.62	1.73	6.20	1035.12
13	1.57	12.51	0.71	1.94	4.55	984.91
13	1.54	12.23	0.90	2.45	10.25	175.95
14		12.24	0.88	2.42	10.24	175.88
14		29.68	0.54	2.64	7.52	906.22
15	0.78	17.70	0.85	1.38	5.67	945.39
15	0.85	9.71	1.15	2.80	5.24	161.94
16	0.16	21.48	1.03	1.55	7.49	123.51
16	0.12	14.50	1.70	4.36	8.97	971.35
17		56.12	2.12	3.18	7.85	942.94
17		18.78	3.01	3.41	7.27	1008.27
18	0.54	28.71	3.33	4.39	8.48	990.76
18	0.57	19.05	3.43	3.95	7.27	755.25
19	1.48	27.90	2.50	2.21	5.60	711.58
19	1.45	18.67	0.46	1.44	4.90	181.01
20	4.20	6.40	1.27	4.60	5.22	123.23
20	4.20	7.04	1.00	4.55	4.92	119.19
21	7.65	0.98	1.07	4.12	5.55	136.10
21	7.61	0.28	1.06	3.50	3.46	96.91
22	8.90	1.31	0.87	3.80	3.17	97.45
22	9.00	1.24	0.87	3.57	3.42	85.55
23	9.68	1.04	0.59	2.07	3.59	97.22
23	9.71	0.72	1.05	2.17	4.51	99.95
24	6.58	0.16	1.75	1.53	3.65	150.48
24	6.58	0.29	1.31	3.08	4.51	135.52
25	4.51	6.24	3.20	2.30	4.97	125.37
25	4.68	9.48	1.58	1.87	5.70	126.56
26	3.48	12.47	1.54	1.45	5.20	143.04
26	3.48	10.69	1.75	1.51	7.15	130.05
27	1.27	12.20	1.79	2.22	5.89	180.80
27	1.45	16.92	0.94	1.32	4.75	142.92
28	2.52	5.27	0.77	1.14	3.97	132.55

SAN ANTONIO BAY (NIPS-I) JUN 1987

28	2.59	4.87	1.63	1.41	6.50	117.81
29	1.50	18.77	1.47	1.63	5.46	146.51
29	1.59	13.39	1.33	1.37	5.61	125.44
30	1.59	10.04	2.41	2.01	7.18	175.54
30	1.64	28.78	0.60	2.26	0.42	638.37
31	1.29	15.52	2.80	4.29	7.91	178.54
31	1.32	9.63	3.70	6.96	5.83	158.08
32	1.70	17.65	4.38	6.98	7.46	184.77
32	1.74	21.23	0.79	3.90	7.99	176.09
33	2.15	1.53	0.90	4.33	4.05	158.68
33	2.15		2.50	2.71	3.79	143.24
34	3.34	27.88		2.95	9.12	183.25
34	3.42	13.95	1.04	8.30	6.84	180.47
35	2.63	5.31	2.37	6.15	7.92	183.15
35	2.65	1.03	2.83	6.39	4.67	119.24
36	6.07	35.30		4.45	8.63	52.71
36	6.14	18.21	0.56	3.78	7.28	184.19
37	2.47	16.71		3.17	5.95	87.75
37	2.55	15.15		3.41	3.86	130.60
38	2.92	45.76		8.38	8.20	57.52
38	2.94	33.47		7.86	5.73	130.72

SAN ANTONIO BAY (NIPS-I) JUN 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
1	5.5	3.8	0.0	6.8	0.20	
1	6.2	4.5	1.0	6.7		
2	7.0	8.8	0.1	6.1	0.05	
2	7.0	9.6	0.3	6.0		
3	6.8	4.1	0.1	7.8	0.18	
3	7.5	5.2	0.1	7.8		
4	8.6	5.0	1.0	7.7	0.13	
4	9.5	6.9	1.0	7.6		
5	10.8	4.2	2.0	7.9	0.18	
5	12.2	4.5	2.0	7.8		
6	9.8	4.7	4.5	7.9	0.22	
6	10.5	5.4	4.0	8.0		
7	10.3	5.6	1.5	7.7	0.14	
7	13.0	7.0	2.0	7.8		
8	6.1	2.9	4.0	7.8	0.21	
8	6.0	6.5	4.5	7.6		
9	9.6	3.0	4.5	7.8	0.31	
9	8.2	8.2	5.0	5.8		
10	9.3	3.4	7.0	7.9	0.33	
10	7.0	11.9	7.0	6.6		
11	7.2	2.6	6.0	7.9	0.41	
11	7.7	7.2	8.0	6.6		
12	7.4	2.7	5.0	8.3	0.32	
12	6.7	2.7		8.1		
13	5.4	3.3	5.5	7.7	0.33	
13	5.1	3.4	5.5	7.8		
14	10.1	3.5	3.5	8.2	0.33	
14	11.0	4.4	4.0	8.1		
15	7.0	3.5	5.0	7.9	0.30	
15	8.4	4.2	5.0	7.8		
16	7.0	4.2	4.0	8.7	0.22	
16	7.8	4.3	4.0	8.3		
17	7.2	4.4	3.0	7.9	0.18	
17	7.6	12.5	3.5	7.9		
18	7.0	5.8	4.0	7.6	0.20	
18	6.9	6.5	4.3	7.6		
19	7.9	6.1	5.0	7.8	0.22	
19	8.1	10.1	5.5	7.0		
20	17.6	6.0	9.0	9.0	0.40	
20	15.3	6.6	9.5	9.0		
21	11.6	6.0	14.0	8.2	0.38	
21	14.5	3.6	15.0	8.0		
22	10.6	7.0	15.5	7.9	0.30	
22	10.4	13.1	15.0	7.9		
23	6.4	3.6	16.0	7.4	0.42	
23	6.1	3.7	17.0	7.4		
24	14.6	6.1	12.0	8.3	0.25	
24	14.7	11.8	12.0	8.2		
25	13.3	5.6	9.5	8.2	0.30	
25	15.7	12.6	10.0	8.1		
26	12.9	5.8	7.0	8.2	0.20	
26	13.5	6.5	8.0	8.2		
27	11.2	5.3	5.5	8.2	0.30	
27	11.7	6.1	6.0	8.2		

SAN ANTONIO BAY (NIPS-I) JUN 1987

28	13.2	5.0	6.0	8.3	0.30
28	13.2	6.2	6.0	8.3	
29	9.7	5.3	5.0	8.1	
29	10.8	8.1	6.0	8.0	
30			4.5	8.1	
30	10.7	6.0	5.0	8.1	
31	5.0	9.1	6.0	7.5	0.11
31	6.8	10.7	6.0	7.5	
32	10.3	3.6	7.5	8.6	0.30
32	11.8	6.0	8.0	8.6	
33			8.0	7.8	0.09
33			9.0	7.8	
34	7.8	9.5	9.0	8.0	0.12
34			10.0	7.9	
35	24.7	14.5	8.0	8.4	0.09
35			9.0	8.3	
36	9.8	4.5	13.0	8.6	0.30
36	9.2	4.0	14.0	8.5	
37	10.0	7.2	9.0	8.3	0.12
37	12.7	11.2	9.0	8.2	
38	10.3	8.1	8.0	8.2	0.11
38	10.3	8.5	9.0	8.1	

SAN ANTONIO BAY (NIPS-I) JUL 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
B	0.00	140787	915	28.3475	96.7478	29.5	
B	1.90	140787	915	28.3475	96.7478	29.3	
B	0.00	140787	1055	28.3475	96.7478	30.0	
B	1.90	140787	1055	28.3475	96.7478	29.8	
B	0.00	140787	1305	28.3475	96.7478	32.3	
B	1.90	140787	1305	28.3475	96.7478	29.5	
B	0.00	140787	1450	28.3475	96.7478	33.5	
B	1.90	140787	1450	28.3475	96.7478	29.8	
B	0.00	140787	1630	28.3475	96.7478	33.1	
B	1.90	140787	1630	28.3475	96.7478	30.0	
B	0.00	140787	1745	28.3475	96.7478	31.5	
B	1.90	140787	1745	28.3475	96.7478	31.0	

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
B		0.64	1.27	4.07	2.71	116.80
B		0.09	1.33	3.93	2.95	117.72
B		0.44	0.98	3.92	2.51	117.68
B		0.41	1.36	4.62	3.35	118.02
B		0.46	1.09	3.52	3.08	119.50
B		0.47	1.72	5.82	4.01	120.42
B		0.51	1.05	4.78	3.13	119.43
B		0.53	1.59	5.35	3.81	121.29
B		0.45	1.32	5.02	4.65	123.15
B		0.44	1.54	5.40	3.77	121.21
B		0.64	1.28	6.41	4.45	120.80
B		0.54	1.37	4.74	4.35	121.14

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
B			0.0	6.8	0.40	
B			0.1	6.5		
B			0.1	7.3	0.42	
B			0.1	6.3		
B			0.1	7.5	0.45	
B			0.1	6.7		
B			0.1	8.3	0.45	
B			0.3	5.7		
B			0.1	8.5	0.42	
B			0.5	5.6		
B			2.0	7.9	0.44	
B			0.5	7.2		

SAN ANTONIO BAY (NIPS-I) JUL 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
A			0.0	7.9		
A			0.0	7.7		
A			0.0	7.9		
A			0.0	7.6		
A			0.0	8.1		
A			0.0	7.6		
A			0.0	8.0		
A			0.0	7.7		
A			0.0	8.0		
A			0.0	7.9		
A			0.0	8.2		
A			0.0	7.9		
A			0.0	7.5		
A			0.0	7.4		
A			0.0	7.4		
A			0.0	7.1		
A			0.0	7.4		
A			0.0	6.8		
A			0.0	7.0		
A			0.0	6.7		
A			0.0	6.7		
A			0.0	6.5		
A			0.0	9.5		
A			0.0	8.6		
A			0.0	8.8		
A			0.0	8.6		
A			0.0	8.6		
A			0.0	8.2		
A			0.0	8.2		
A			0.0			
A			0.0	7.7		
A			0.0	7.6		
A			0.0	8.0		
A			0.0	7.6		
A			0.0	7.7		
A			0.0	7.4		
A			0.0	7.4		
A			0.0	7.0		
A			0.0	7.2		
A			0.0	6.7		
A			0.0	6.4		
A			0.0	6.4		
A			0.0	6.4		
A			0.0	6.4		

SAN ANTONIO BAY (NIPS-I) JUL 1987

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
A		1.25	1.52	4.26	2.95	115.81
A		0.98	1.95	5.66	3.61	116.90
A		2.17	1.28	3.74	3.10	117.60
A		2.03	1.67	5.13	3.53	119.45
A		6.24	1.16	3.98	3.17	119.40
A		5.44	1.14	3.20	2.97	120.67
A		6.51	1.08	3.19	2.94	123.09
A		6.25	2.64	10.35	4.46	119.81
A		9.40	1.08	3.18	3.40	124.89
A		9.38	1.26	4.19	3.72	124.83
A		9.93	1.23	3.16	3.74	126.49
A		10.37	1.10	3.22	3.66	125.68
A		10.54	1.24	3.21	3.54	124.67
A		11.06	1.24	3.52	3.42	124.62
A		29.71	1.44	3.32	4.08	126.47
A		29.68	1.42	4.02	4.23	126.42
A		34.60	1.48	3.76	4.34	126.36
A		34.62	1.42	3.17	4.10	125.36
A		20.47	1.30	3.48	3.59	126.26
A		20.82	1.26	3.22	3.49	124.30
A		31.96	1.54	3.34	4.08	125.96
A		32.34	1.68	4.10	4.31	125.53
A		38.69	1.38	4.13	6.31	114.00
A		40.44	1.24	3.03	4.41	116.07
A		47.82	1.26	4.17	4.92	115.85
A		48.65	1.41	3.07	5.08	112.98
A		55.20	1.27	3.51	4.90	119.61
A		56.43	1.30	3.78	4.98	119.59
A		54.86	1.36	5.28	5.15	119.18
A		54.40	1.31	3.10	5.05	117.64
A		64.52	1.29	2.96	5.13	116.67
A		64.52	1.28			117.59
A			1.34	0.63	5.72	117.57
A			1.41	7.66	5.72	120.78
A		36.19	1.23	4.07	4.68	117.53
A		36.29	1.25	4.44	4.41	115.60
A		46.00	1.36	4.18	4.83	113.68
A		46.92	1.35	4.04	4.91	115.18
A			1.41	4.41	6.46	117.44
A			1.44	5.49	6.54	111.71
A		56.91	1.62	5.16	5.67	111.69
A		56.15	1.45	5.40	5.49	113.56
A		46.80	1.43	5.39	5.05	114.49
A		46.43	1.58	0.01	5.39	115.04

SAN ANTONIO BAY (NIPS-I) JUL 1987

STATION1	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
A	0.00	130787	2000	28.3927	96.7733	31.0	3.0
A	1.25	130787	2000	28.3927	96.7733	31.0	3.0
A	0.00	130787	2103	28.3927	96.7733	30.9	3.0
A	1.25	130787	2103	28.3927	96.7733	30.8	3.1
A	0.00	130787	2205	28.3927	96.7733	30.7	3.1
A	1.25	130787	2205	28.3927	96.7733	30.7	3.1
A	0.00	130787	2300	28.3927	96.7733	30.5	3.1
A	1.25	130787	2305	28.3927	96.7733	30.5	3.1
A	0.00	130787	2400	28.3927	96.7733	30.6	3.2
A	1.25	130787	2403	28.3927	96.7733	30.4	3.2
A	0.00	140787	100	28.3927	96.7733	30.3	3.2
A	1.25	140787	103	28.3927	96.7733	30.3	3.1
A	0.00	140787	200	28.3927	96.7733	30.2	3.1
A	1.25	140787	204	28.3927	96.7733	30.2	3.1
A	0.00	140787	300	28.3927	96.7733	29.9	3.3
A	1.25	140787	303	28.3927	96.7733	30.0	3.3
A	0.00	140787	400	28.3927	96.7733	29.4	3.3
A	1.25	140787	403	28.3927	96.7733	29.8	3.3
A	0.00	140787	500	28.3927	96.7733	30.0	3.1
A	1.25	140787	503	28.3927	96.7733	29.9	3.1
A	0.00	140787	600	28.3927	96.7733	29.5	3.3
A	1.25	140787	603	28.3927	96.7733	29.6	3.3
A	0.00	140787	2000	28.3927	96.7733	31.1	3.7
A	1.25	140787	2003	28.3927	96.7733	31.1	3.7
A	0.00	140787	2100	28.3927	96.7733	31.0	3.7
A	1.25	140787	2103	28.3927	96.7733	31.0	3.7
A	0.00	140787	2200	28.3927	96.7733	30.7	3.7
A	1.25	140787	2203	28.3927	96.7733	30.8	3.7
A	0.00	140787	2300	28.3927	96.7733	30.3	3.7
A	1.25	140787	2303	28.3927	96.7733	30.5	3.7
A	0.00	140787	2400	28.3927	96.7733	30.3	3.8
A	1.25	140787	2402	28.3927	96.7733	30.3	3.8
A	0.00	140787	100	28.3927	96.7733	30.0	3.8
A	1.25	140787	102	28.3927	96.7733	30.2	3.8
A	0.00	150787	201	28.3927	96.7733	30.2	3.5
A	1.25	150787	203	28.3927	96.7733	30.4	3.5
A	0.00	150787	300	28.3927	96.7733	30.1	3.5
A	1.25	150787	302	28.3927	96.7733	30.1	3.5
A	0.00	150787	401	28.3927	96.7733	29.8	3.9
A	1.25	150787	403	28.3927	96.7733	29.9	3.9
A	0.00	150787	500	28.3927	96.7733	29.9	3.6
A	1.25	150787	502	28.3927	96.7733	29.9	3.6
A	0.00	150787	600	28.3927	96.7733	29.9	3.5
A	1.25	150787	602	28.3927	96.7733	29.9	3.5

SAN ANTONIO BAY (NIPS-I) JUL 1987

28	9.5	3.9	2.0	6.6	0.29	2.10
28	9.5	3.9	2.0	6.8		
29	6.4	1.9	1.8	7.8	0.40	6.60
29	6.8	1.9	1.8	7.8		
30	4.5	3.2	2.0	6.9	0.22	0.80
30	4.7	4.0	1.8	7.0		
31	8.4	2.7	2.0	7.0	0.20	
31	7.6	4.4	1.9	6.4		
32	4.5	1.2	1.9	7.0	0.20	
32	5.1	1.4	1.9	6.6		
33	3.0	0.9	3.0	7.2	0.50	
33	4.5	3.1	2.0	5.7		
34	2.6	1.3	3.0	7.4	0.20	
34	3.8	1.4	2.9	6.0		
35	5.0	2.0	2.9	7.0	0.10	
35	8.2	3.8	2.9	6.8		
36	3.2	1.3	3.0	7.4	0.20	
36	8.7	4.5	3.0	6.1		
37	5.3	2.0	2.9	6.5	0.42	
37	7.8	4.5	2.0	7.1		
38	3.6	2.7	2.9	7.8	0.50	
38	7.0	5.2	2.9	6.1		

SAN ANTONIO BAY (NIPS-I) JUL 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
1	8.6	3.4	0.0	6.5	0.19	
1			0.0	6.1		
2	3.0	5.0	0.5	6.6	0.10	
2	3.9	5.4	0.5	6.3		
3	5.6	3.4	0.1	5.8	0.45	3.70
3	6.8	4.5	0.1	5.6		
4	12.2	4.8	0.1	7.5	0.38	4.00
4	9.3	4.7	0.2	6.0		
5	16.9	5.9	0.1	8.7	0.52	10.50
5	12.1	6.6	0.2	7.0		
6	6.4	3.8	0.1	8.6	0.63	14.90
6	13.7	5.9	0.1	7.9		
7	2.3	1.4	0.3	6.1	0.88	8.80
7	1.7	1.7	0.5	5.9		
8	17.5	6.2	0.3	11.3	0.46	5.60
8	18.9	7.2	0.5	8.3		
9	3.4	2.9	0.1	6.4	0.38	6.00
9	11.5	6.0	1.0	5.7		
10	7.6	2.9	1.0	7.6	0.34	3.30
10	9.4	3.9	1.0	6.3		
11	2.0	2.5	1.0	6.9	0.31	1.40
11	6.0	5.1	1.0	5.9		
12	5.0	2.1	1.0	7.6	0.27	1.50
12	6.1	2.5	1.5	6.5		
13	3.0	2.1	1.0	7.8	0.25	2.50
13	6.6	2.6	1.0	7.6		
14	22.1	6.3	1.0	9.9	0.33	4.70
14	19.9	8.9	1.0	6.4		
15	7.6	2.9	1.0	8.2	0.34	1.60
15	10.6	4.7	1.5	7.9		
16	6.8	2.7	1.5	8.9	0.29	
16	15.3	5.3	1.9	6.9		
17	9.7	3.9	1.0	8.8	0.36	3.20
17	15.8	6.0	1.5	8.2		
18	19.5	6.7	1.0	9.1	0.34	2.60
18	24.6	7.8	1.0	7.4		
19	17.7	5.7	1.0	9.6	0.35	4.30
19	19.1	5.3	1.0	7.1		
20	6.6	2.7	1.0	7.3	0.29	
20	7.4	3.4	1.5	6.6		
21	6.5	2.2	0.1	8.2	0.38	4.00
21	7.2	2.3	1.0	8.0		
22	8.3	3.4	0.1	7.5	0.35	2.40
22	9.2	3.7	0.1	7.6		
23	6.1	2.4	1.5	8.0	0.40	7.70
23	4.5	2.7	8.0	0.6		
24	6.8	3.0	1.8	7.9	0.34	5.20
24	9.1	2.8	1.8	5.9		
25	12.4	5.2	1.5	8.1	0.29	2.60
25	14.7	6.1	1.8	8.0		
26	14.7	4.9	1.0	9.5	0.31	6.80
26	17.2	4.6	1.3	8.6		
27	6.8	2.9	1.0	8.5	0.43	12.70
27			1.5	7.9		

SAN ANTONIO BAY (NIPS-I) JUL 1987

28	1.07	1.42	5.67	6.55	117.29
29	1.32	0.89	4.89	5.84	119.16
29	1.35	0.93	4.50	6.26	115.89
30	1.59	1.18	5.90	6.84	115.28
30	1.74	1.30	6.21	7.09	118.10
31	1.32	1.80	3.54	6.33	50.39
31	1.01	3.40	2.85	7.52	47.80
32	1.88	1.03	2.12	6.36	78.76
32	1.53	1.16	2.85	6.95	55.67
33	1.63	1.06	1.92	6.65	86.62
33	4.48	2.51	3.66	7.24	43.42
34	1.49	1.20	2.28	6.28	55.21
34	1.41	1.28	2.13	6.32	82.89
35	1.15	1.87	3.48	6.31	67.87
35	0.76	3.33	5.97	6.52	68.72
36	1.61	0.86	1.88	5.45	56.57
36	0.95	1.95	3.94	6.47	57.81
37	1.51	1.93	3.83	6.93	44.32
37	0.94	2.82	6.18	7.39	46.14
38	1.33	1.79	3.91	6.72	51.81
38	0.16	4.14	4.15	7.74	27.95

SAN ANTONIO BAY (NIPS-I) JUL 1987

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
1		67.80	1.90	5.28	9.70	108.44
1			2.05	5.91	10.89	115.06
2		67.90	2.74	8.59	12.43	117.68
2			3.21		13.02	116.89
3		6.70	1.26	3.78	2.34	115.33
3		2.85	2.16	3.26	2.12	115.67
4		67.00	1.61	5.55	8.06	114.31
4			1.92	5.23	9.59	117.12
5		67.00	1.27	2.72	5.96	110.43
5			1.41	5.02	7.15	120.85
6		63.40	1.05	3.28	7.48	111.31
6		63.89	1.12	3.47	7.81	110.32
7						
7			1.11	6.78	8.19	114.08
8		41.20	1.26	5.24	4.50	118.42
8		45.99	1.39	3.95	4.92	119.14
9		2.20	1.08	3.94	3.61	119.68
9		0.81	1.20	4.06	3.47	119.64
10		0.49	1.45	4.82	4.61	119.41
10		0.60	1.76	4.30	5.29	119.38
11		0.39	1.47	5.13	5.27	118.20
11		0.03	2.53	8.70	6.98	117.59
12		0.34	1.52	5.29	7.64	117.56
12		0.41	2.08	6.06	7.98	117.52
13		0.43	1.63	5.29	7.45	114.25
13		0.42	1.79	5.01	7.26	116.88
14		9.81	1.24	4.12	4.66	117.41
14		20.21	2.09	8.01	5.85	119.27
15		2.22	1.04	3.44	6.87	119.24
15		0.46	1.87	5.63	7.72	118.82
16		0.72	1.12	5.02	6.32	118.78
16		0.57	1.27	6.00	6.31	118.18
17		0.67	1.17	4.62	5.78	118.14
17		0.32	1.72	5.47	6.36	118.48
18		0.61	1.64	5.39	5.06	118.45
18		0.49	1.34	4.27	4.70	118.03
19		0.71	1.12	4.55	5.03	117.99
19		0.68	1.28	4.73	5.18	118.52
20		0.61	1.85	6.17	7.41	116.97
20		0.23	2.65	8.62	7.65	117.88
21		0.89	1.35	6.37	6.09	116.89
21		0.83	1.41	5.40	6.33	117.81
22		0.90	1.55	6.16	5.88	118.72
22		0.66	1.86	7.05	5.87	118.68
23		1.20	0.89	4.86	6.51	117.70
23		1.75	0.77		6.44	110.06
24		1.02	1.14	5.68	5.39	117.62
24		0.95	1.14	4.71	5.12	117.78
25		1.08	1.28	5.79	5.01	118.12
25		0.85	1.65	5.78	5.09	117.89
26		1.23	0.84	4.05	4.55	117.48
26		1.27	0.74	4.04	5.49	118.01
27		1.16	0.98	4.03	4.78	117.40
27		1.33	1.02	4.28	5.80	119.27
28		1.20	1.29	5.74	6.47	117.33

SAN ANTONIO BAY (NIPS-I) JUL 1987

28	0.00	150787	1755	28.1947	96.7793	30.5	1.7
28	1.50	150787	1755	28.1947	96.7793	30.5	1.6
29	0.00	150787	1805	28.2052	96.7825	31.1	1.6
29	1.75	150787	1805	28.2052	96.7825	31.5	1.7
30	0.00	150787	1818	28.2198	96.7877	31.1	2.3
30	1.25	150787	1818	28.2198	96.7877	31.5	2.4
31	0.00	140787	1355	28.2050	96.8112	30.0	2.1
31	2.00	140787	1400	28.2050	96.8112	29.5	3.0
32	0.00	140787	1340	28.1908	96.8053	31.0	3.0
32	1.00	140787	1344	28.1908	96.8053	30.5	3.1
33	0.00	140787	1305	28.1813	96.8353	30.5	3.8
33	1.40	140787	1310	28.1813	96.8353	29.5	4.1
34	0.00	140787	1250	28.1717	96.8280	30.0	4.7
34	1.70	140787	1254	28.1717	96.8280	29.5	4.9
35	0.00	140787	1227	28.1438	96.8320	30.0	4.3
35	1.75	140787	1232	28.1438	96.8320	28.8	4.7
36	0.00	140787	1210	28.1022	96.8347	30.0	5.0
36	1.50	140787	1213	28.1022	96.8347	29.5	5.2
37	0.00	140787	1145	28.1333	96.8547	29.3	0.7
37	1.50	140787	1150	28.1333	96.8547	28.5	0.7
38	0.00	140787	1125	28.1508	96.8653	29.2	3.8
38	1.50	140787	1127	28.1508	96.8653	29.0	3.8

SAN ANTONIO BAY (NIPS-I) JUL 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	150787	850	28.4543	96.7922	29.5	0.4
1	0.80	150787	850	28.4543	96.7922	29.5	0.4
2	0.00	150787	922	28.4462	96.7878	29.8	0.4
2	1.25	150787	922	28.4462	96.7878	29.8	0.4
3	0.00	150787	955	28.4023	96.7488	30.5	0.3
3	1.00	150787	955	28.4023	96.7488	30.1	0.3
4	0.00	150787	1017	28.3927	96.7733	31.0	0.4
4	0.90	150787	1017	28.3927	96.7733	30.5	0.4
5	0.00	150787	1028	28.3790	96.7868	30.5	0.4
5	1.15	150787	1028	28.3790	96.7868	30.0	0.4
6	0.00	150787	1040	28.3705	96.8018	31.0	0.5
6	0.75	150787	1040	28.3705	96.8018	30.8	0.5
7	0.00	150787	1100	28.4123	96.8218	30.5	0.4
7	0.60	150787	1100	28.4123	96.8218	30.1	0.4
8	0.00	150787	1117	28.3485	96.7828	31.0	0.4
8	1.15	150787	1117	28.3485	96.7828	30.5	0.5
9	0.00	150787	1131	28.3475	96.7478	31.0	0.4
9	1.50	150787	1131	28.3475	96.7478	30.0	0.4
10	0.00	150787	1145	28.3615	96.7357	31.0	0.5
10	1.20	150787	1145	28.3615	96.7357	29.5	0.5
11	0.00	150787	1155	28.3763	96.7265	30.6	0.6
11	4.10	150787	1155	28.3763	96.7265	29.5	0.7
12	0.00	150787	1345	28.3345	96.7078	31.0	0.8
12	1.10	150787	1345	28.3345	96.7078	29.5	0.8
13	0.00	150787	1355	28.3263	96.7213	31.0	0.7
13	1.40	150787	1355	28.3263	96.7213	31.0	0.7
14	0.00	150787	1410	28.3115	96.7597	31.5	0.4
14	1.75	150787	1410	28.3115	96.7597	31.0	0.5
15	0.00	150787	1425	28.2932	96.7860	31.5	1.1
15	1.25	150787	1425	28.2932	96.7860	31.0	1.1
16	0.00	150787	1445	28.2497	96.7590	31.5	1.1
16	1.75	150787	1445	28.2497	96.7590	30.5	1.1
17	0.00	150787	1500	28.2583	96.7493	31.5	1.1
17	1.60	150787	1500	28.2583	96.7493	30.5	1.0
18	0.00	150787	1512	28.2722	96.7298	31.3	0.6
18	1.45	150787	1512	28.2722	96.7298	30.5	0.7
19	0.00	150787	1530	28.2857	96.7105	31.5	0.6
19	1.40	150787	1530	28.2857	96.7105	30.5	0.6
20	0.00	150787	1546	28.3065	96.6820	31.0	0.8
20	1.25	150787	1546	28.3065	96.6820	30.5	0.9
21	0.00	150787	1605	28.3163	96.6315	31.8	1.0
21	0.80	150787	1605	28.3163	96.6315	31.5	1.1
22	0.00	150787	1617	28.3065	96.6265	31.8	0.8
22	0.50	150787	1617	28.3065	96.6265	31.8	0.8
23	0.00	150787	1630	28.2955	96.6237	31.6	1.6
23	3.10	150787	1630	28.2955	96.6237	28.6	13.2
24	0.00	150787	1650	28.2773	96.6622	31.1	1.0
24	1.60	150787	1650	28.2773	96.6622	30.0	0.9
25	0.00	150787	1708	28.2588	96.6955	31.0	0.8
25	1.80	150787	1708	28.2588	96.6955	30.6	0.7
26	0.00	150787	1726	28.2358	96.7223	31.1	0.8
26	1.75	150787	1726	28.2358	96.7223	30.6	0.9
27	0.00	150787	1740	28.2187	96.7577	31.6	1.3
27	1.75	150787	1740	28.2187	96.7577	31.5	1.4

SAN ANTONIO BAY (NIPS-I) JUL 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
C	0.00	150787	2020	28.2497	96.7590		
C	1.90	150787	2020	28.2497	96.7590		
C	0.00	150787	2100	28.2497	96.7590	31.0	1.1
C	1.90	150787	2104	28.2497	96.7590	31.0	1.1
C	0.00	150787	2203	28.2497	96.7590	31.1	1.1
C	1.90	150787	2206	28.2497	96.7590	31.5	1.1
C	0.00	150787	2300	28.2497	96.7590	31.0	1.1
C	1.90	150787	2303	28.2497	96.7590	31.1	1.1
C	0.00	150787	2400	28.2497	96.7590	30.3	1.1
C	1.90	150787	2404	28.2497	96.7590	30.5	1.1
C	0.00	160787	100	28.2497	96.7590	30.5	1.1
C	1.90	160787	104	28.2497	96.7590	30.5	1.1
C	0.00	160787	200	28.2497	96.7590	30.0	1.1
C	1.90	160787	204	28.2497	96.7590	30.1	1.1
C	0.00	160787	300	28.2497	96.7590	30.0	1.1
C	1.90	160787	305	28.2497	96.7590	30.0	1.1
C	0.00	160787	400	28.2497	96.7590	30.0	1.1
C	1.90	160787	404	28.2497	96.7590	30.0	1.1
C	0.00	160787	503	28.2497	96.7590	30.0	1.1
C	1.90	160787	505	28.2497	96.7590	30.0	1.1
C	0.00	160787	600	28.2497	96.7590	30.0	1.1
C	1.90	160787	603	28.2497	96.7590	30.0	1.1
C	0.00	160787	700	28.2497	96.7590	29.9	1.1
C	1.90	160787	703	28.2497	96.7590	29.9	1.1
C	0.00	160787	800	28.2497	96.7590	29.7	1.1
C	1.90	160787	800	28.2497	96.7590	29.9	1.1
C	0.00	160787	2042	28.2497	96.7590	30.0	2.5
C	1.90	160787	2042	28.2497	96.7590	30.0	2.6
C	0.00	160787	2102	28.2497	96.7590	29.9	2.6
C	1.90	160787	2102	28.2497	96.7590	29.9	2.6
C	0.00	160787	2200	28.2497	96.7590	29.9	2.4
C	1.90	160787	2202	28.2497	96.7590	29.9	2.5
C	0.00	160787	2301	28.2497	96.7590	29.1	2.3
C	1.90	160787	2304	28.2497	96.7590	29.1	2.3
C	0.00	160787	2400	28.2497	96.7590	29.0	2.4
C	1.90	160787	2402	28.2497	96.7590	29.0	2.5
C	0.00	170787	100	28.2497	96.7590	29.1	2.1
C	1.90	170787	102	28.2497	96.7590	29.0	2.4
C	0.00	170787	200	28.2497	96.7590	29.1	1.8
C	1.90	170787	202	28.2497	96.7590	29.1	1.8
C	0.00	170787	300	28.2497	96.7590	28.9	1.3
C	1.90	170787	302	28.2497	96.7590	28.9	1.3
C	0.00	170787	400	28.2497	96.7590	28.0	1.6
C	1.90	170787	402	28.2497	96.7590	28.0	1.8
C	0.00	170787	500	28.2497	96.7590	27.9	1.7
C	1.90	170787	502	28.2497	96.7590	28.0	1.8
C	0.00	170787	600	28.2497	96.7590	28.0	1.7
C	1.90	170787	602	28.2497	96.7590	28.0	1.8
C	0.00	170787	700	28.2497	96.7590	27.9	
C	1.90	170787	702	28.2497	96.7590	27.9	2.1
C	0.00	170787	800	28.2497	96.7590	27.9	2.4
C	1.90	170787	800	28.2497	96.7590	27.9	2.6

SAN ANTONIO BAY (NIPS-I) JUL 1987

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
C		0.19	1.94	6.93	6.71	121.89
C		0.11	2.02	6.92	7.12	122.41
C		0.34	1.08	3.33	6.32	122.17
C		0.39	1.24	3.32	6.39	123.26
C		0.41	1.21	3.56	6.37	120.35
C		0.48	1.15	2.91	6.27	122.77
C		0.38	1.39	4.56	6.85	121.01
C		0.27	1.50	4.55	6.85	121.15
C		0.60	1.17	3.14	6.38	121.85
C		0.56	1.21	3.12	6.36	121.61
C		0.56	1.21	3.31	6.43	121.94
C		0.34	1.57	4.44	7.01	121.89
C		0.44	1.40	3.73	6.56	123.36
C		0.60	1.32	3.27	6.46	122.73
C		0.46	1.60	4.22	6.70	122.68
C		0.28	2.20	6.25	7.11	123.96
C		0.14	2.48	7.48	7.44	123.53
C		0.69	2.36	10.44	7.64	124.04
C		0.33	2.15	6.15	7.05	124.94
C		0.01	2.75	8.99	7.55	125.27
C		0.63	1.77	4.66	7.00	124.27
C		0.67	1.81	4.91	7.00	123.26
C		0.67	1.81	4.83	7.15	130.25
C		0.81	1.60	4.22	6.96	129.24
C		0.51	2.04	6.24	7.44	131.66
C		0.81	1.67	4.61	6.92	127.05
C		0.05	0.91	3.71	6.52	107.47
C		0.15	0.89	3.78	6.90	108.56
C		0.84	0.21	3.59	6.84	108.89
C		0.19	0.80	2.95	6.79	108.85
C		0.24	0.90	2.95	6.90	109.37
C		0.36	0.80	3.21	6.89	108.76
C		0.38	0.86	2.89	6.79	109.28
C		0.42	0.84	2.70	6.82	108.47
C		0.05	2.56	8.45	8.32	110.33
C		0.61	0.96	3.34	7.10	110.47
C		0.40	1.18	3.47	7.00	109.10
C		0.43	1.16	4.36	7.08	109.05
C		0.44	1.30	4.62	7.07	108.44
C		0.48	1.28	4.68	7.11	108.96
C		0.60	1.66	5.26	7.30	107.77
C		0.36	2.70	7.82	7.98	108.30
C		0.13	3.15	9.87	8.40	109.77
C		0.63	1.60	4.88	7.53	109.73
C		0.64	1.74	5.65	7.69	108.73
C		0.69	1.70	5.58	7.50	108.68
C		0.54	1.94	6.80	7.75	110.16
C		0.49	2.00	6.67	7.99	110.30
C		0.69	2.38	7.44	8.16	111.40
C		0.68	2.11	6.93	8.06	111.92
C		0.63	2.17	7.95	8.13	113.59
C		0.90	2.27	7.95	8.29	114.11

SAN ANTONIO BAY (NIPS-I) JUL 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
C			1.0			
C			1.0			
C			1.0	8.2		
C			1.0	7.9		
C			1.0	8.1		
C			1.0	7.7		
C			1.0	7.9		
C			1.0	7.7		
C			1.0	7.8		
C			1.0	7.3		
C			1.0	7.6		
C			1.0	7.4		
C			1.0	7.6		
C			1.0	7.3		
C			1.0	7.5		
C			1.0	7.2		
C			0.5	7.5		
C			0.5	6.8		
C			0.5	7.5		
C			1.0	6.8		
C			0.5	7.6		
C			1.0	6.7		
C			1.0	7.0		
C			1.0	6.3		
C				6.9		
C				6.0		
C			1.0	7.0		
C			1.0	6.5		
C			1.0	6.9		
C			1.0	6.1		
C			1.0	7.0		
C			1.0	6.4		
C			1.0	6.8		
C			1.0	6.3		
C			1.0	6.1		
C			1.0	6.3		
C			1.0	6.8		
C			1.0	6.2		
C			1.0	6.8		
C			1.0	6.4		
C			1.0	6.8		
C			1.0	6.4		
C			1.0	6.9		
C			1.0	5.7		
C			1.0	6.9		
C			1.0	6.5		
C			1.0	6.1		
C			1.0	6.4		
C			1.0	7.0		
C			1.0	6.5		
C			1.0	7.0		
C			1.0	6.4		

SAN ANTONIO BAY (NIPS-I) JUL 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
D	0.00	160787	920	28.2857	96.7105	29.0	0.8
D	1.75	160787	920	28.2857	96.7105	28.6	0.8
D	0.00	160787	1100	28.2857	96.7105	29.5	0.9
D	1.75	160787	1100	28.2857	96.7105	29.0	0.9
D	0.00	160787	1330	28.2857	96.7105	29.5	1.0
D	1.75	160787	1330	28.2857	96.7105	29.5	1.0
D	0.00	160787	1525	28.2857	96.7105	30.1	0.9
D	1.75	160787	1525	28.2857	96.7105	30.5	1.0
D	0.00	160787	1730	28.2857	96.7105	30.1	0.9
D	1.75	160787	1730	28.2857	96.7105	30.4	0.9
D	0.00	160787	1907	28.2857	96.7105	30.5	0.8
D	1.75	160787	1907	28.2857	96.7105	30.3	0.9

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
D		1.36	1.56	5.93	6.46	115.10
D		0.87	1.88	8.01	6.60	116.52
D		0.66	2.29	5.30	7.09	113.57
D		0.91	1.81	8.41	6.62	117.27
D		0.68	2.30	6.85	7.37	115.27
D		0.66	2.30	7.33	7.16	114.98
D		0.74	2.03		6.90	115.44
D		0.54	3.13		7.73	114.77
D		0.41	2.89		7.18	116.95
D		0.51	2.77		7.49	114.19
D		0.24	2.99		6.71	114.27
D		0.27	3.15		7.02	114.17

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
D			1.0	7.1	0.18	
D			1.0	7.0		
D			1.5	7.0	0.13	
D			1.5	7.0		
D			1.0	7.2	0.14	
D			1.0	7.3		
D				7.2	0.18	
D			1.5	7.3		
D			1.1	7.5	0.11	
D			1.5	6.6		
D			1.0	7.5	0.15	
D			1.1	6.6		

SAN ANTONIO BAY (NIPS-I) JUL 1988

STATION1	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-CTD
1	0.00	80788	801	28.4543	96.7922	28.3	0.4
1	1.20	80788	801	28.4543	96.7922	28.4	0.4
2	0.00	80788	820	28.4462	96.7878	29.3	0.3
2	2.20	80788	820	28.4462	96.7878	29.5	0.3
3	0.00	80788	913	28.4023	96.7488	27.8	14.8
3	1.30	80788	913	28.4023	96.7488	28.1	16.0
4	0.00	80788	923	28.3927	96.7733	27.6	11.7
4	1.60	80788	923	28.3927	96.7733	27.7	11.8
5	0.00	80788	934	28.3790	96.7868	27.7	12.8
5	1.40	80788	934	28.3790	96.7868	28.0	12.7
6	0.00	80788	943	28.3705	96.8018	28.2	13.3
6	1.30	80788	943	28.3705	96.8018	28.3	13.4
7	0.00	80788	958	28.4123	96.8218	27.9	12.5
7	1.10	80788	958	28.4123	96.8218	28.0	12.5
8	0.00	80788	1019	28.3485	96.7828	28.2	15.3
8	1.60	80788	1019	28.3485	96.7828	28.5	15.7
9	0.00	80788	1039	28.3475	96.7478	29.0	21.3
9	2.10	80788	1039	28.3475	96.7478	29.1	21.7
10	0.00	80788	1050	28.3615	96.7357	28.4	22.1
10	1.90	80788	1050	28.3615	96.7357	28.6	22.2
11	0.00	80788	1109	28.3763	96.7265	28.5	21.8
11	4.00	80788	1109	28.3763	96.7265	28.5	22.0
12	0.00	80788	1131	28.3345	96.7078	28.3	24.9
12	1.70	80788	1131	28.3345	96.7078	28.5	24.8
13	0.00	80788	1141	28.3263	96.7213	28.5	24.3
13	2.20	80788	1141	28.3263	96.7213	28.5	24.2
14	0.00	80788	1158	28.3115	96.7597	28.4	23.3
14	2.40	80788	1158	28.3115	96.7597	28.8	23.1
15	0.00	80788	1209	28.2932	96.7860	29.1	22.0
15	1.70	80788	1209	28.2932	96.7860	29.3	22.4
16	0.00	70788	1342	28.2497	96.7590	31.8	24.9
16	1.80	70788	1342	28.2497	96.7590	29.2	26.1
17	0.00	70788	1352	28.2583	96.7493	31.5	23.5
17	4.60	70788	1352	28.2583	96.7493	28.9	26.7
18	0.00	70788	1406	28.2722	96.7298	31.1	23.2
18	5.50	70788	1406	28.2722	96.7298	29.0	29.1
19	0.00	70788	1424	28.2857	96.7105	31.4	29.1
19	4.90	70788	1424	28.2857	96.7105	29.4	29.6
20	0.00	70788	1446	28.3065	96.6820	30.4	29.5
20	4.60	70788	1446	28.3065	96.6820	29.3	30.4
21	0.00	70788	1504	28.3163	96.6315	29.9	30.6
21	0.80	70788	1504	28.3163	96.6315	29.8	30.3
22	0.00	70788	1519	28.3065	96.6265	31.1	32.4
22	0.95	70788	1519	28.3065	96.6265	31.1	32.4
23	0.00	70788	1538	28.2955	96.6237	30.5	32.7
23	3.70	70788	1538	28.2955	96.6237	30.1	32.7
24	0.00	70788	1601	28.2773	96.6622	29.8	32.4
24	1.60	70788	1601	28.2773	96.6622	29.9	32.4
25	0.00	70788	1615	28.2588	96.6955	30.0	31.5
25	1.20	70788	1615	28.2588	96.6955	30.4	31.6
26	0.00	70788	1632	28.2358	96.7223	29.5	29.2
26	1.80	70788	1632	28.2358	96.7223	30.0	28.9
27	0.00	70788	1647	28.2187	96.7577	30.3	28.2
27	2.10	70788	1647	28.2187	96.7577	30.5	28.2
28	0.00	70788	1704	28.1947	96.7793	31.1	27.1

SAN ANTONIO BAY (NIPS-I) JUL 1988

28	1.70	70788	1704	28.1947	96.7793	31.2	27.4
29	0.00	70788	1717	28.2052	96.7825	30.4	26.6
29	2.20	70788	1717	28.2052	96.7825	30.5	27.1
30	0.00	70788	1243	28.2198	96.7877	30.0	24.3
30	1.50	70788	1243	28.2198	96.7877	29.4	24.4
31	0.00	70788	1232	28.2050	96.8112	29.8	26.7
31	1.70	70788	1232	28.2050	96.8112	29.6	26.6
32	0.00	70788	1201	28.1908	96.8053	29.8	27.7
32	1.60	70788	1201	28.1908	96.8053	29.6	27.5
33	0.00	70788	1145	28.1813	96.8353	28.8	28.4
33	1.30	70788	1145	28.1813	96.8353	28.8	28.3
34	0.00	70788	1132	28.1717	96.8280	29.5	27.7
34	1.20	70788	1132	28.1717	96.8280	29.5	27.6
35	0.00	70788	1111	28.1438	96.8320	29.1	29.9
35	1.50	70788	1111	28.1438	96.8320	28.9	29.7
36	0.00	70788	1018	28.1022	96.8347	28.5	32.9
36	1.70	70788	1018	28.1022	96.8347	28.4	33.2
37	0.00	70788	1002	28.1333	96.8547	28.5	30.7
37	1.45	70788	1002	28.1333	96.8547	28.6	30.8
38	0.00	70788	945	28.1508	96.8653	28.6	28.2
38	1.40	70788	945	28.1508	96.8653	28.6	29.2

SAN ANTONIO BAY (NIPS-I) JUL 1988

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
1		97.07	6.53	5.06	11.04	75.53
1		106.66	2.28	3.68	16.81	75.47
2		101.53	1.09	3.25	12.42	75.40
2		100.55	1.05	3.58	11.58	75.33
3	7.39	2.33	0.25	1.34	3.57	73.21
3	8.21	1.34	0.23	0.73	4.49	72.61
4	5.21	1.24	0.32	1.56	7.38	74.84
4	5.23	1.50	0.25	2.11	5.15	71.51
5	5.93	0.38	0.12	0.83	9.29	74.59
5	5.82	0.44	0.19	0.98	6.19	71.67
6	6.20	0.15	0.18	0.76	6.90	74.31
6	6.24	0.12	0.19	1.29	7.53	72.90
7	5.66	0.56	0.15	0.91	6.93	73.22
7	5.65	0.61	0.17	1.20	7.68	74.02
8	7.71	0.37	0.10	0.74	7.25	73.73
8	7.86	0.34	0.12	0.82	4.65	72.63
9	11.88	0.44	0.14	2.67	4.38	72.08
9	12.13	0.56	0.17	3.98	5.58	71.70
10	12.67	0.18	0.10	1.08	5.25	71.58
10	12.67	0.20	0.14	1.08	2.93	70.74
11	12.41	0.50	0.11	0.68	3.34	56.25
11	12.53	0.31	0.09	0.85	2.98	49.47
12	14.79	0.20	0.09	0.42	2.65	60.00
12	14.64	0.17	0.09	0.67	2.11	55.30
13	14.25	0.16	0.12	0.87	3.57	61.18
13	14.21	0.38	0.14	1.69	2.09	55.41
14	13.57	0.32	0.12	1.99	3.54	57.04
14	13.32	0.27	0.10	1.70	4.06	56.52
15	12.37	0.01	0.08	0.93	5.20	60.78
15	12.58	0.15	0.09	1.61	3.17	54.33
16	13.65	0.34	0.12	2.20	3.91	78.80
16	15.43	0.52	0.12	0.87	3.57	82.49
17	12.72	0.31	0.12	0.34	4.32	79.38
17	15.96	0.68	0.20	1.02	3.25	82.94
18	12.61	0.15	0.12	0.98	4.10	78.01
18	17.71	0.34	0.21	0.83	2.38	85.44
19	16.92	0.41	0.13	0.61	2.14	82.32
19	17.92	0.18	0.17	1.35	1.94	83.94
20	17.52	0.63	0.18	1.61	1.56	86.35
20	18.56	0.12	0.23	1.01	1.80	84.84
21	18.57	0.11	0.08	2.41	1.47	82.87
21	18.35	0.58	0.20	0.82	1.39	83.59
22	19.46	0.23	0.15	2.63	1.25	75.18
22	19.48	0.15	0.23	1.53	1.27	74.58
23	19.90	0.79	0.20	2.99	1.34	76.50
23	20.03	0.97	0.25	3.01	1.42	76.97
24	19.94	0.22	0.11	1.58	1.42	82.11
24	19.84	0.14	0.07	0.74	1.25	83.39
25	19.20	0.29	0.04	1.06	1.75	85.84
25	19.13	0.28	0.06	0.80	1.73	84.85
26	17.61	0.34	0.04	0.59	2.11	86.10
26	17.24	0.31	0.01	0.47	1.92	81.55
27	16.60	0.18	0.08	0.57	1.84	77.14
27	16.53	0.15	0.16	1.04	2.54	87.13
28	15.54	0.49	0.03	0.99	2.01	80.34

SAN ANTONIO BAY (NIPS-I) JUL 1988

28	15.69	0.33	0.11	0.91	2.45	80.34
29	15.38	0.36	0.09	0.93	2.71	86.97
29	15.70	0.85	0.08	0.82	2.65	77.80
30	13.79	0.28	0.07	1.56	4.08	82.35
30	14.09	0.39	0.07	1.00	2.91	79.64
31	15.66	0.21	0.04	1.01	2.31	82.81
31	15.66	0.25	0.06	0.85	2.67	84.63
32	16.38	0.21	0.08	0.96	2.20	84.49
32	16.29	0.14	0.04	0.86	1.88	82.00
33	17.23	0.59	0.10	2.43	1.79	80.39
33	17.21	0.75	0.15	1.71	2.34	86.53
34	16.54	0.14	0.05	2.16	1.93	82.42
34	16.43	0.04	0.09	1.22	2.27	81.72
35	18.25	0.04	0.01	1.07	1.30	87.32
35	18.20	0.03	0.04	0.92	1.38	87.11
36	20.73	0.53	0.07	2.02	0.82	9.97
36	20.92	0.44	0.05	1.49	0.84	10.16
37	19.04	2.09	0.07	2.91	1.28	86.55
37	19.12	2.02	0.07	1.00	1.28	85.07
38	17.18	2.59	0.05	0.80	1.89	85.32
38	17.95	2.11	0.08	0.81	2.15	87.66

SAN ANTONIO BAY (NIPS-I) JUL 1988

STATION3	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
1	82.2	12.1	0.3		0.20	
1	83.1	12.6	0.3			
2	5.6	5.0	0.0		0.15	
2	5.0	11.4	0.0			
3	7.2	2.5	15.3		0.70	
3	6.1	3.0	15.3			
4	16.6	4.9	11.8		0.55	
4	10.3	4.2	12.5			
5	13.3	5.0	12.0		0.45	
5	14.2	5.3	12.3			
6	10.3	4.4	12.5		0.35	
6	10.6	5.9	12.5			
7	12.8	3.4	11.8		0.40	
7	13.7	4.2	12.0			
8	9.6	2.7	15.0		0.65	
8	8.8	3.1	15.0			
9	5.6	2.6	21.0		0.60	
9	4.0	4.4	20.8			
10	6.9	2.3	21.8		0.55	
10	6.7	7.2	21.8			
11	7.0	2.4	21.3		0.60	
11	5.7	2.2	21.8			
12	6.0	1.1	24.0		0.60	
12	6.9	1.7	24.0			
13	6.9	1.4	24.0		0.50	
13	9.7	4.6	25.3			
14	6.3	2.2	22.3		0.65	
14	5.5	2.4	22.5			
15	6.6	1.9	22.0		0.60	
15	6.1	3.4	23.0			
16	7.5	1.6	25.0		0.50	
16	12.9	3.6	27.0			
17	7.5	1.2	24.0		0.60	
17	10.8	5.2	27.0			
18	7.8	1.6	24.0		0.60	
18	8.0	4.3	30.0			
19	4.5	0.6	30.0		0.55	
19	6.5	3.5	30.0			
20	7.4	1.2	31.0		0.65	
20	6.9	2.8	32.0			
21	4.9	1.5	31.0		0.60	
21	6.3	2.3	31.0			
22	6.2	1.7	33.0		0.45	
22	6.5	2.4	33.0			
23	5.8	1.7	33.0		0.60	
23	5.0	2.1	33.0			
24	8.8	2.5	33.0		0.60	
24	8.9	2.6	33.0			
25	6.0	1.8	33.0		0.70	
25	6.1	1.8	32.0			
26	6.3	1.6	29.0		0.80	
26	8.0	2.7	29.0			
27	5.8	1.7	28.0		0.75	
27	8.3	2.2	28.0			
28	5.5	1.6	28.0		0.60	

SAN ANTONIO BAY (NIPS-I) JUL 1988

28	5.3	1.6	28.0	
29	6.1	1.1	28.0	0.85
29	7.2	3.1	28.0	
30	7.5	1.2	25.0	0.60
30	8.4	2.5	25.0	
31	7.0	1.7	28.0	0.65
31	8.9	2.7	28.0	
32	7.0	2.0	28.0	0.60
32	8.1	1.6	28.0	
33	7.5	2.5	30.0	0.55
33	9.8	2.5	29.0	
34	8.5	2.5	28.0	0.60
34	9.8	2.9	28.0	
35	5.9	1.2	30.5	0.70
35	9.1	3.2	30.0	
36	6.5	1.9	34.0	0.70
36	6.6	2.1	34.0	
37	9.0	2.1	32.0	0.55
37	10.8	2.2	30.5	
38	6.5	2.4	28.0	0.55
38	8.3	2.9	28.0	

SAN ANTONIO BAY (NIPS-I) JUL 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
C	0.00	70788	1100	28.2497	96.7590	29.0	25.5
C	1.90	70788	1100	28.2497	96.7590	28.7	26.7
C	0.00	70788	1200	28.2497	96.7590	29.8	24.3
C	1.90	70788	1200	28.2497	96.7590	29.6	25.1
C	0.00	70788	1300	28.2497	96.7590	30.4	24.0
C	1.90	70788	1300	28.2497	96.7590	29.6	26.0
C	0.00	70788	1400	28.2497	96.7590	31.2	24.2
C	1.90	70788	1400	28.2497	96.7590	29.2	26.6
C	0.00	70788	1500	28.2497	96.7590	30.5	24.7
C	1.90	70788	1500	28.2497	96.7590	29.4	26.5
C	0.00	70788	1600	28.2497	96.7590	30.4	24.7
C	1.90	70788	1600	28.2497	96.7590	29.2	26.7
C	0.00	70788	1700	28.2497	96.7590	30.2	25.2
C	1.90	70788	1700	28.2497	96.7590	29.1	26.2
C	0.00	70788	1800	28.2497	96.7590	30.1	25.4
C	1.90	70788	1800	28.2497	96.7590	30.1	25.3
C	0.00	70788	1900	28.2497	96.7590	29.9	25.3
C	1.90	70788	1900	28.2497	96.7590	29.7	25.5
C	0.00	70788	2000	28.2497	96.7590	29.6	25.2
C	1.90	70788	2000	28.2497	96.7590	29.7	25.2
C	0.00	70788	2100	28.2497	96.7590	29.6	25.5
C	1.90	70788	2100	28.2497	96.7590	29.6	25.5
C	0.00	70788	2200	28.2497	96.7590	29.4	25.1
C	1.90	70788	2200	28.2497	96.7590	29.5	25.1
C	0.00	70788	2300	28.2497	96.7590	29.3	25.0
C	1.90	70788	2300	28.2497	96.7590	29.4	24.9
C	0.00	70788	2400	28.2497	96.7590	29.1	24.9
C	1.90	70788	2400	28.2497	96.7590	29.2	24.9
C	0.00	80788	100	28.2497	96.7590	29.0	24.9
C	1.90	80788	100	28.2497	96.7590	29.1	24.9
C	0.00	80788	200	28.2497	96.7590	28.8	25.7
C	1.90	80788	200	28.2497	96.7590	28.9	25.7
C	0.00	80788	300	28.2497	96.7590	28.6	
C	1.90	80788	300	28.2497	96.7590	28.8	
C	0.00	80788	400	28.2497	96.7590	28.6	26.0
C	1.90	80788	400	28.2497	96.7590	28.8	
C	0.00	80788	500	28.2497	96.7590	28.4	25.4
C	1.90	80788	500	28.2497	96.7590	28.7	25.2
C	0.00	80788	600	28.2497	96.7590	28.6	25.6
C	1.90	80788	600	28.2497	96.7590	28.8	26.3
C	0.00	80788	700	28.2497	96.7590	28.5	
C	1.90	80788	700	28.2497	96.7590	28.8	28.5
C	0.00	80788	800	28.2497	96.7590	28.4	26.7
C	1.90	80788	800	28.2497	96.7590	28.5	26.9
C	0.00	80788	900	28.2497	96.7590	28.2	26.2
C	1.90	80788	900	28.2497	96.7590	28.4	14.7
C	0.00	80788	1000	28.2497	96.7590	28.4	11.0
C	1.90	80788	1000	28.2497	96.7590	28.6	12.2
C	0.00	80788	1100	28.2497	96.7590	28.5	11.6
C	1.90	80788	1100	28.2497	96.7590	28.5	11.2

SAN ANTONIO BAY (NIPS-I) JUL 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
C	7.1	2.0		6.5		
C	7.8	1.7		5.4		
C	5.7	1.5		6.7		
C	7.1	1.7		6.6		
C	6.0	1.6		7.1		
C	6.2	1.5		6.6		
C	6.2	1.9		7.1		
C	6.7	1.3		6.7		
C	6.9	1.5		8.1		
C	6.8	1.4		7.6		
C	7.7	1.7		8.0		
C	7.9	1.7		6.7		
C	7.1	1.6		7.9		
C	8.5	1.7		6.7		
C	8.0	2.1		7.5		
C	8.7	2.7		7.5		
C	9.4	2.6		7.8		
C	8.6	3.2		6.6		
C	7.6	2.1		7.3		
C	8.5	2.2		7.2		
C	8.3	2.9		7.4		
C	8.4	2.7		7.2		
C	7.6	2.4		6.9		
C	7.6	2.8				
C	6.7	2.8		6.5		
C	6.2	4.4				
C				6.4		
C						
C	7.3	2.8		6.4		
C	7.3	3.3				
C				6.4		
C						
C						
C						
C	6.7	2.8		6.3		
C	6.8	2.9				
C				6.3		
C						
C				6.1		
C						
C	7.0	2.0		6.0		
C	6.8	2.3				
C						
C						
C						
C						
C				6.6		
C						
C				7.0		
C				6.1		

SAN ANTONIO BAY (NIPS-I) JUL 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
C	14.98	0.78	0.09	1.15	3.37	61.53
C	15.98	0.47	0.10	1.47	3.58	67.04
C	13.89	0.32	0.05	0.95	3.44	59.44
C	14.53	0.12	0.03	1.23	3.31	56.33
C	13.43	0.16	0.04	1.07	3.51	60.10
C	15.22	0.18	0.01	0.75	3.35	60.45
C	13.33	0.41	0.01	0.92	3.32	58.88
C	15.77	0.37	0.02	0.81	2.92	57.21
C	13.92	0.42	0.02	1.10	3.28	61.88
C	15.65	0.33	0.00	0.78	2.47	52.99
C	14.01	0.60	0.04	0.62	4.82	78.52
C	15.82	0.68	0.07	0.83	3.46	70.38
C	14.39	0.23	0.05	0.58	4.45	77.52
C	15.53	0.28	0.05	0.95	5.08	80.24
C	14.58	0.20	0.05	1.91	3.75	75.66
C	14.53	0.21	0.04	0.89	3.28	71.21
C	14.59	0.54	0.08	0.99	3.20	74.34
C	14.81	0.31	0.05	1.11	3.26	71.06
C	14.63	0.15	0.05	0.90	3.54	71.92
C	14.60	0.09	0.05	1.26	3.76	73.76
C	14.79	0.20	0.08	0.79	4.18	76.38
C	14.79	0.13	0.07	0.76	3.35	71.68
C	14.59	0.04	0.06	0.99	3.54	74.04
C	14.56	0.14	0.07	1.66	3.78	77.38
C	14.52	0.13	0.07	1.17	3.74	76.95
C	14.43	0.14	0.09	1.13	3.16	71.52
C	14.53	0.18	0.09	0.91	5.79	79.59
C	14.50	1.25	0.17	1.27	2.82	67.89
C	14.56	0.23	0.09	1.29	3.62	74.84
C	14.53	0.20	0.11	1.51	4.42	78.45
C	15.26	0.64	0.13	1.42	2.09	66.19
C	15.22	0.30	0.11	1.23	3.40	73.28
C		0.11	0.07	1.02	3.07	70.51
C		0.16	0.07	1.09	3.86	77.65
C	15.53	0.13	0.06	1.83	3.01	70.99
C		0.06	0.07	1.03	2.96	70.19
C	15.12	0.06	0.08	1.03	3.61	74.47
C	14.92	0.06	0.06	0.81	2.90	71.33
C	15.21	0.20	0.10	1.01	2.97	69.36
C	15.68	0.29	0.10	0.82	2.95	72.04
C		0.24	0.10	0.67	2.87	69.22
C	17.28	0.16	0.10	1.27	2.46	74.57
C	16.07	0.25	0.10	0.69	3.28	74.75
C	16.20	0.18	0.08	0.60	2.96	72.55
C	15.81	0.13	0.09	0.69	3.37	74.27
C	7.14	0.15	0.09	0.61	2.98	71.53
C	4.43	0.17	0.11	0.64	3.68	75.94
C	5.23	0.10	0.11	0.68	3.99	76.32
C	4.83	0.18	0.09	0.81	3.03	73.39
C	4.54	0.11	0.08	0.41	2.59	71.26

SAN ANTONIO BAY (NIPS-I) JUL 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
C	7.1	2.0		6.5		
C	7.8	1.7		5.4		
C	5.7	1.5		6.7		
C	7.1	1.7		6.6		
C	6.0	1.6		7.1		
C	6.2	1.5		6.6		
C	6.2	1.9		7.1		
C	6.7	1.3		6.7		
C	6.9	1.5		8.1		
C	6.8	1.4		7.6		
C	7.7	1.7		8.0		
C	7.9	1.7		6.7		
C	7.1	1.6		7.9		
C	8.5	1.7		6.7		
C	8.0	2.1		7.5		
C	8.7	2.7		7.5		
C	9.4	2.6		7.8		
C	8.6	3.2		6.6		
C	7.6	2.1		7.3		
C	8.5	2.2		7.2		
C	8.3	2.9		7.4		
C	8.4	2.7		7.2		
C	7.6	2.4		6.9		
C	7.6	2.8				
C	6.7	2.8		6.5		
C	6.2	4.4				
C				6.4		
C						
C	7.3	2.8		6.4		
C	7.3	3.3				
C				6.4		
C						
C						
C						
C	6.7	2.8		6.3		
C	6.8	2.9				
C				6.3		
C						
C				6.1		
C						
C	7.0	2.0		6.0		
C	6.8	2.3				
C						
C						
C						
C						
C				6.6		
C						
C				7.0		
C				6.1		

NUECES/CORPUS CHRISTI BAY (NIPS-II) SEP 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	230987	1702	27.8670	97.5200	24.9	19.2
1	0.67	230987	1702	27.8670	97.5200	24.6	19.2
2				27.8620	97.5250		
2				27.8620	97.5250		
3				27.8760	97.5070		
3				27.8760	97.5070		
4	0.00	230987	1724	27.8470	97.5010	26.0	19.3
4	1.23	230987	1724	27.8470	97.5010	25.9	20.6
4A				27.8480	97.5440		
4A				27.8480	97.5440		
5				27.8600	97.4950		
5				27.8600	97.4950		
6	0.00	230987	1630	27.8350	97.4900	25.1	22.5
6	0.67	230987	1630	27.8350	97.4900	24.6	24.5
7	0.00	230987	1647	27.8500	97.4800	25.5	25.4
7	1.85	230987	1647	27.8500	97.4800	24.8	28.0
8	0.00	230987	1613	27.8600	97.4610	25.1	25.7
8	0.92	230987	1613	27.8600	97.4610	25.2	25.7
9	0.00	230987	1743	27.8420	97.4550	25.0	28.0
9	1.85	230987	1743	27.8420	97.4550	25.0	29.8
10	0.00	230987	1555	27.8610	97.4250	25.1	28.7
10	0.92	230987	1555	27.8610	97.4250	25.5	29.2
11	0.00	230987	1543	27.8500	97.4250	25.2	27.7
11	1.23	230987	1543	27.8500	97.4250	24.7	31.0
12	0.00	230987	1532	27.8310	97.4230	24.7	32.4
12	0.92	230987	1532	27.8310	97.4230	24.6	32.2
13	0.00	230987	1517	27.9100	97.4960	24.9	30.4
13	1.85	230987	1517	27.9100	97.4960	24.5	31.9
14				27.8650	97.4020		
14				27.8650	97.4020		
15				27.8520	97.3710		
15				27.8520	97.3710		
16	0.00	230987	1434	27.8380	97.3760	25.0	31.6
16	5.54	230987	1434	27.8380	97.3760	25.2	32.4
17	0.00	230987	1410	27.8120	97.3880	28.0	33.6
17	14.77	230987	1410	27.8120	97.3880	27.5	34.3
18	0.00	230987	1834	27.8570	97.3350	26.3	33.8
18	2.77	230987	1834	27.8570	97.3350	26.3	34.1
19	0.00	230987	1817	27.8150	97.3590	26.9	33.8
19	4.00	230987	1817	27.8150	97.3590	27.0	33.8
20	0.00	230987	1326	27.7900	97.3730	26.6	33.6
20	4.00	230987	1326	27.7900	97.3730	26.3	33.8
21				27.7440	97.3710		
21				27.7440	97.3710		
22	0.00	230987	1225	27.7140	97.3140	25.7	34.4
22	3.08	230987	1225	27.7140	97.3140	23.6	36.7
23	0.00	230987	1254	27.7760	97.3170	26.3	34.6
23	4.31	230987	1254	27.7760	97.3170	26.5	34.6
24	0.00	230987	1855	27.8110	97.2640	26.2	34.8
24	14.77	230987	1855	27.8110	97.2640	27.1	35.7
25	0.00	230987	1914	27.8280	97.2570	26.8	35.3
25	2.46	230987	1914	27.8280	97.2570	26.6	35.3
26	0.00	230987	1930	27.8200	97.1980	26.0	35.8
26	13.85	230987	1930	27.8200	97.1980	25.6	36.4

NUECES/CORPUS CHRISTI BAY (NIPS-II) SEP 1987

27				27.7510	97.2210		
27				27.7510	97.2210		
28				27.6860	97.2510		
28				27.6860	97.2510		
29	0.00	230987	1120	27.6330	97.2390	24.4	35.0
29	6.15	230987	1120	27.6330	97.2390	23.4	35.7
30	0.00	230987	1050	27.6910	97.2170	25.6	35.0
30	3.08	230987	1050	27.6910	97.2170	25.6	35.3
31	0.00	230987	1027	27.7070	97.1910	24.6	35.3
31	1.54	230987	1027	27.7070	97.1910	24.6	35.7
32	0.00	230987	944	27.8100	97.1480	26.5	36.1
32	1.84	230987	944	27.8100	97.1480	26.4	36.1
33	0.00	230987	1945	27.6840	97.1540	26.8	35.4
33	13.85	230987	1945	27.6840	97.1540	26.2	37.0
34				27.8480	97.2790		
34				27.8480	97.2790		
35				27.8750	97.3480		
35				27.8750	97.3480		

NUECES/CORPUS CHRISTI BAY (NIPS-II) SEP 1987

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
1	11.53	7.45	1.79	4.20	0.60	48.68
1	11.61	7.48	1.87	4.54	0.93	50.52
2						
2						
3						
3						
4	11.32	7.40	1.83	4.40	0.93	48.01
4	12.27	7.06	2.40	5.64	1.05	45.88
4A						
4A						
5						
5						
6	13.95	6.60	2.41	5.26	0.78	42.32
6	15.56	6.91	2.44	5.11	1.05	40.56
7	15.99	8.01	1.34	3.61	1.02	32.20
7	18.18	7.84	1.96	4.16	0.75	31.56
8	16.38	8.93	0.64	5.08	1.02	10.02
8	16.29	6.90	1.78	3.92	0.31	31.08
9	18.12	7.78	1.45	3.57	0.74	29.57
9	19.47	6.29	2.72	6.31	0.66	26.81
10	18.63	8.23	1.69	3.35	0.78	26.66
10	18.84	7.21	1.91	3.94	0.63	25.89
11	17.84	7.83	1.41	3.17	0.68	28.47
11	20.44	7.37	1.64	3.76	0.37	28.32
12	21.54	8.17	0.95	2.80	0.81	12.29
12	21.40	6.06	2.62	6.33	0.68	21.57
13	19.94	7.48	1.41	3.62	0.68	22.04
13	21.21	7.42	1.70	4.28	0.61	21.89
14						
14						
15						
15						
16	20.84	7.99	1.36	3.55	0.62	20.75
16	21.33	7.49	1.64	4.40	0.62	19.61
17	21.36	7.43	1.81	7.14	0.81	16.85
17	22.07	9.73	3.56	10.78	0.42	18.19
18	22.11	8.04	1.20	3.21	0.41	16.43
18	22.33	7.86	1.15	3.15	0.53	16.77
19	21.92	7.55	1.46	3.72	0.06	16.38
19	21.89	8.00	1.12	2.87	0.49	16.35
20	21.85	7.54	1.59	3.71	0.59	16.70
20	22.11	7.83	1.52	3.32	0.59	16.79
21						
21						
22	22.68	7.64	1.93	4.27	0.53	19.13
22	25.05	7.16	2.31	5.58	0.63	19.10
23	22.66	7.55	1.80	4.26	0.56	15.48
23	22.60	7.36	1.88	4.43	0.54	15.45
24	22.86	12.20	1.43	3.55	0.12	13.19
24	23.25	1.66	7.80	20.00	1.37	16.14
25	23.07	8.86	0.49	3.85	0.47	11.53
25	23.13	8.79	0.56	3.27	0.41	11.63
26	23.65	9.09	0.37	2.70	0.33	6.26
26	24.28	9.03	0.32	3.06	0.28	5.25

NUECES/CORPUS CHRISTI BAY (NIPS-II) SEP 1987

27						
27						
28						
28						
29	23.52	9.11	0.24	3.41	0.35	18.87
29	24.37	9.18	0.16	3.39	0.31	18.59
30	23.16	9.08	0.27	3.46	0.42	16.34
30	23.44	9.07	0.28	3.82	0.43	16.31
31	23.74	9.18	0.17	3.07	0.42	15.91
31	24.02	9.78	0.25	2.92	0.41	15.89
32	23.72	9.43	0.15	2.49	0.33	6.18
32	23.75	9.21	0.14	1.80	0.28	5.66
33	23.16	8.90	0.12	2.58	0.31	4.64
33	24.55	8.78	0.23	3.59	0.33	4.74
34						
34						
35						
35						

NUECES/CORPUS CHRISTI BAY (NIPS-II) SEP 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
1	10.2	5.3	17.8	10.2	0.40	
1	9.0	6.3	16.5	6.7		
2						
2						
3						
3						
4	7.4	6.3	17.0	15.6	0.50	
4	8.3	6.8	18.0	8.9		
4A						
4A						
5						
5						
6	7.8	5.5	21.8	11.2	0.40	
6	7.5	6.2	21.8	9.3		
7	3.5	3.8	23.0	9.9	0.60	
7	8.9	4.6	24.0	7.8		
8	7.4	4.7	24.0	9.9	0.60	
8	6.9	5.1	24.0	8.6		
9	4.9	3.8	25.0	11.0	0.70	
9	11.0	4.4	26.0	8.6		
10	5.4	4.2	26.0	7.6	0.60	
10	5.4	4.6	26.5	8.8		
11	6.0	3.4	26.0	10.2	0.75	
11	7.0	3.1	26.0	8.9		
12	9.1	4.7	30.5	9.3	0.40	
12	8.9	4.6	30.0	9.0		
13	3.7	2.7	29.0	9.4	0.60	
13	5.7	3.7	29.0	7.6		
14						
14						
15						
15						
16	1.1	6.9	30.0	8.5	0.60	
16	4.7	4.4	31.0	6.3		
17	0.8	2.5	32.0	6.8	0.80	
17	3.6	4.1	32.0	4.6		
18	3.9	3.5	33.5	9.5	0.90	
18	4.1	3.0	31.5	9.4		
19	6.4	2.6	30.8	8.8	0.70	
19	5.3	4.5	31.0	8.5		
20	15.1	8.8	32.0	8.1	0.60	
20	2.2	0.0	32.0	7.4		
21						
21						
22	5.1	4.5	33.0	8.0	0.60	
22	4.3	6.6	33.8	7.5		
23	4.9	4.8	33.0	8.1	0.60	
23	5.6	5.8	33.0	8.7		
24	6.2	4.6	32.0	9.8	0.90	
24	6.1	9.9	32.0	7.0		
25	4.1	3.0	34.0	9.4	0.80	
25	4.0	3.1	34.0	8.3		
26	2.2	3.4	35.0	8.7	0.60	
26	2.7	3.9	35.0	8.1		

NUECES/CORPUS CHRISTI BAY (NIPS-II) SEP 1987

27					
27					
28					
28					
29	0.4	2.0	33.0	8.0	1.10
29	2.5	3.8	33.8	7.1	
30	5.2	4.6	33.0	8.0	0.80
30	6.6	5.1	33.5	7.9	
31	4.0	4.4	33.8	8.5	0.80
31	3.8	4.8	33.8	8.4	
32	1.6	2.4	33.0	8.1	1.40
32	1.3	2.7	32.0	7.9	
33	2.0	1.9	35.0	7.3	
33	2.3	3.1	34.0	6.9	
34					
34					
35					
35					

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	211087	1137	27.8670	97.5200	20.8	23.6
1	0.62	211087	1137	27.8670	97.5200	20.8	23.6
2	0.00	211087	1221	27.8620	97.5250	21.0	23.4
2	0.62	211087	1221	27.8620	97.5250	20.9	23.5
3	0.00	211087	1203	27.8760	97.5070	20.6	23.4
3	0.62	211087	1203	27.8760	97.5070	20.6	23.6
4	0.00	211087	1252	27.8470	97.5010	21.1	10.1
4	1.23	211087	1252	27.8470	97.5010	21.1	23.5
4A	0.00	211087	1341	27.8480	97.5440	24.0	7.8
4A	1.54	211087	1341	27.8480	97.5440	21.9	7.2
5	0.00	211087	1401	27.8600	97.4950	21.8	24.8
5	1.54	211087	1401	27.8600	97.4950	21.5	25.5
6	0.00	211087	1422	27.8350	97.4900	21.3	25.5
6	0.92	211087	1422	27.8350	97.4900	21.3	25.7
7	0.00	211087	1411	27.8500	97.4800	21.6	26.2
7	1.85	211087	1411	27.8500	97.4800	21.5	27.1
8	0.00	211087	1450	27.8600	97.4610	21.9	30.2
8	0.92	211087	1450	27.8600	97.4610	22.0	30.2
9	0.00	211087	1436	27.8420	97.4550	22.5	32.9
9	1.54	211087	1436	27.8420	97.4550	22.5	32.7
10	0.00	211087	1512	27.8610	97.4250	21.5	30.6
10	1.23	211087	1512	27.8610	97.4250	21.5	30.6
11	0.00	211087	1521	27.8500	97.4250	21.9	30.4
11	1.23	211087	1521	27.8500	97.4250	22.0	30.5
12	0.00	211087	1532	27.8310	97.4230	21.9	32.5
12	1.23	211087	1532	27.8310	97.4230	22.0	32.7
13	0.00	211087	1617	27.9100	97.4960	22.5	35.0
13	1.23	211087	1617	27.9100	97.4960	22.5	35.0
14	0.00	211087	1628	27.8650	97.4020	21.7	31.4
14	1.23	211087	1628	27.8650	97.4020	21.7	31.2
15	0.00	211087	1647	27.8520	97.3710	22.9	35.2
15	0.92	211087	1647	27.8520	97.3710	23.0	35.3
16	0.00	211087	1710	27.8380	97.3760	23.1	35.0
16	6.77	211087	1710	27.8380	97.3760	23.2	35.0
17	0.00	201087	1048	27.8120	97.3880	24.6	33.5
17	15.38	201087	1048	27.8120	97.3880	24.6	35.0
18	0.00	201087	1604	27.8570	97.3350	24.6	35.0
18	3.38	201087	1604	27.8570	97.3350	24.6	35.3
19	0.00	201087	1101	27.8150	97.3590	24.6	34.2
19	4.00	201087	1101	27.8150	97.3590	24.5	35.0
20	0.00	201087	1128	27.7900	97.3730	24.7	34.6
20		201087	1128	27.7900	97.3730	24.6	34.6
21	0.00	201087	1140	27.7440	97.3710	25.1	34.4
21	3.08	201087	1140	27.7440	97.3710	24.7	34.5
22	0.00	201087	1208	27.7140	97.3140	25.0	34.8
22	3.08	201087	1208	27.7140	97.3140	25.2	34.1
23	0.00	201087	1153	27.7760	97.3170	24.5	35.0
23	4.00	201087	1153	27.7760	97.3170	24.5	35.3
24	0.00	201087	1532	27.8110	97.2640	24.5	35.0
24	14.77	201087	1532	27.8110	97.2640	24.5	31.3
25	0.00	201087	1522	27.8280	97.2570	24.8	35.0
25	2.77	201087	1522	27.8280	97.2570	24.8	33.4
26	0.00	201087	1505	27.8200	97.1980	24.8	34.9
26	15.38	201087	1505	27.8200	97.1980	24.6	35.7

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

27	0.00	201087	1413	27.7510	97.2210	24.8	35.3
27	4.00	201087	1413	27.7510	97.2210	24.6	35.7
28	0.00	201087	1228	27.6860	97.2510	25.1	35.6
28	1.85	201087	1228	27.6860	97.2510	25.0	37.0
29	0.00	201087	1259	27.6330	97.2390	25.0	34.4
29	5.85	201087	1259	27.6330	97.2390	24.6	38.8
30	0.00	201087	1346	27.6910	97.2170	24.8	35.8
30	1.54	201087	1346	27.6910	97.2170	24.8	35.8
31	0.00	201087	1358	27.7070	97.1910	24.5	35.3
31	3.08	201087	1358	27.7070	97.1910	24.5	35.8
32	0.00	201087	1441	27.8100	97.1480	24.7	34.6
32	1.23	201087	1441	27.8100	97.1480	24.6	34.8
33	0.00	201087	1451	27.6840	97.1540	25.0	33.4
33	12.31	201087	1451	27.6840	97.1540	24.5	35.8
34	0.00	201087	1547	27.8480	97.2790	24.5	35.0
34	3.69	201087	1547	27.8480	97.2790	24.5	35.3

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
1	15.90	1.88	1.82	3.45	4.86	74.42
1	15.90	1.05	2.60	3.86	5.24	75.84
2	15.74	1.74	2.49	4.11	5.30	74.39
2	15.82	0.54	3.69	5.95	5.52	74.71
3	15.85	2.25	1.19	2.83	4.55	75.14
3	15.95	1.82	1.78	3.07	4.77	75.35
4	5.67	1.68	2.02	3.51	5.24	75.89
4	15.77	0.91	2.32	3.76	5.30	75.54
4A	3.26	4.76	3.60	3.06	10.96	150.73
4A	3.32	3.55	3.06	2.63	10.52	150.72
5	16.60	2.01	1.26	2.50	4.30	67.78
5	17.21	1.97	1.36	2.14	4.07	67.32
6	17.26	2.08	1.46	2.53	3.96	60.66
6	17.37	1.78	1.92	2.80	4.28	60.10
7	17.72	2.15	2.14	4.39	4.78	57.87
7	18.39	0.76	2.99	3.74	4.22	47.12
8	20.63	1.74	2.39	3.74	4.22	47.10
8	20.60	0.59	3.43	4.25	4.46	47.31
9	22.50	1.46	2.77	5.56	3.91	37.89
9	22.39	0.26	3.44	5.17	4.01	37.43
10	21.06	1.87	1.77	2.51	3.69	45.39
10	21.06	2.19	1.67	2.78	3.76	45.38
11	20.79	1.64	2.27	3.26	4.11	47.80
11	20.82	1.62	2.35	3.97	4.28	48.01
12	22.39	1.77	2.41	3.22	3.83	41.57
12	22.47	1.02	2.63	3.58	3.89	41.67
13	24.07	2.22	1.48	2.52	2.72	23.39
13	24.07	2.28	1.63	2.87	2.92	22.27
14	21.56	1.42	2.28	3.08	4.26	45.39
14	21.45	1.85	1.59	2.87	3.54	44.94
15	24.12	2.46	1.03	1.81	1.92	17.24
15	24.21	2.79	0.91	3.02	2.02	17.23
16	23.90	2.23	1.63	2.61	2.43	24.41
16	23.92	4.09	1.46	2.17	2.57	24.95
17	22.34	7.07	0.65	1.12	2.51	62.97
17	23.46	1.09	2.20	1.40	2.93	59.62
18	23.51	2.02	0.39	1.27	0.01	19.06
18	23.74	1.78	0.37	1.63	0.04	19.04
19	22.90	2.16	0.26	0.44	0.92	56.48
19	23.54	1.67	0.30	0.71	0.95	48.87
20	23.15	1.83	0.37	0.63	0.21	58.92
20	23.18	1.12	0.64	1.13	0.29	58.50
21	22.86	0.92	0.40	1.24	0.29	60.94
21	23.09	0.71	0.47	1.18	0.31	60.94
22	23.23	0.71	0.34	0.58	0.27	58.50
22	22.61	0.69	0.36	1.14	0.27	57.97
23	23.54	0.71	0.39	1.64	0.27	58.82
23	23.77	0.71	0.39	1.18	0.27	59.56
24	23.54	1.53	0.35	1.37	0.12	25.19
24	20.71	0.28	2.14	3.39	0.46	27.51
25	23.45	1.50	0.38	1.29	0.11	19.51
25	22.23	1.52	0.37	0.96	0.12	18.95
26	23.34	0.64	0.46	1.19	0.20	42.01
26	24.02	0.13	1.19	2.00	0.43	53.71

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

27	23.68	0.83	0.49	0.78	0.26	47.86
27	24.02	0.71	0.61	1.18	0.28	55.84
28	23.76	0.78	0.62	1.24	0.22	61.69
28	24.86	0.63	0.68	1.54	0.26	56.37
29	22.89	0.90	0.42	1.08	0.10	82.22
29	26.34	0.80	0.52	2.61	0.14	87.22
30	24.07	0.71	0.61	1.81	0.24	67.01
30	24.02	0.73	0.58	0.81	0.25	67.43
31	23.77	0.73	0.50	1.15	0.22	62.75
31	24.10	0.73	0.59	2.12	0.25	62.75
32	23.15	0.64	0.54	1.18	0.20	41.80
32	23.35	0.49	0.74	0.99	0.23	41.48
33	22.17	0.77	0.41	1.73	0.16	32.97
33	24.10	0.74	0.54	2.06	0.26	52.55
34	23.49	1.47	0.37	1.36	0.14	23.19
34	23.77	1.54	0.35	1.41	0.15	23.06

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS	SAL-CTD
1	10.7	8.5	21.0	9.8	0.20	0.04	
1	10.6	8.5	21.0	9.9			
2	16.2	10.5	20.0	8.7	0.20		
2	15.9	14.9	20.5	10.2			
3	9.3	4.7	21.0	10.3	0.50	3.44	
3	11.7	6.2	21.0	8.6			
4	16.1	8.7	20.5	10.8	0.20	0.06	
4	15.6	10.0	20.5	10.9			
4A	73.8	21.2	5.5	6.3	0.35	0.38	
4A	71.3	20.3	5.5	5.2			
5	11.3	5.1	22.0	9.1	0.45	1.48	
5	12.6	5.8	22.0	9.0			
6	9.9	5.0	23.0	10.6	0.20	2.12	
6	10.2	4.8	23.0	9.5			
7	11.4	9.0	24.0	8.8	0.20	0.12	
7	10.9	9.0	24.0	10.0			
8	12.9	10.9	27.0	10.1	0.25	0.02	
8	13.0	11.1	27.0	9.9			
9	18.3	13.3	30.0	8.7	0.20	0.01	
9	23.1	18.6	30.0	8.5			
10	11.8	7.2	27.5	10.5	0.25	0.32	
10	12.0	6.9	27.5	8.9			
11	14.8	10.1	27.5	9.1	0.20	0.02	
11	15.2	10.2	27.5	8.3			
12	13.1	9.5	30.0	8.4	0.20	0.02	
12	13.1	11.6	30.0	8.5			
13	9.8	5.7	33.0	10.3	0.25	0.13	
13	9.3	7.2	32.0	8.5			
14	12.0	6.3	28.0	9.1	0.20	0.30	
14	13.7	9.4	28.0	8.9			
15	7.0	3.3	32.0	8.9	0.50	3.50	
15	5.9	2.9	32.0	8.6			
16	8.1	5.6	31.5	8.2	0.20	0.19	
16	8.0	6.3	31.5	7.8			
17	5.8	2.1	31.5	8.4	1.00	22.70	32.29
17	7.3	4.4	32.0	6.5			32.77
18	5.4	2.1	32.0	8.4	1.00	28.90	32.68
18	5.4	1.9	32.0	8.0			33.03
19	3.9	1.5	31.5	8.3	1.00	10.50	32.58
19	4.8	2.0	32.3	8.0			33.07
20	4.6	1.4	32.0	10.6	1.10	34.60	32.42
20	7.1	2.2	32.0	7.9			32.74
21	3.8	1.5	31.0	9.9	1.20	10.40	32.56
21	3.9	1.1	31.5	8.2			32.64
22	4.4	1.0	32.0	10.0	1.30	7.50	32.82
22	3.5	0.7	32.0	7.2			34.70
23	4.0	0.8	32.0	10.4	1.10	32.20	33.06
23	4.2	0.8	32.0	7.1			33.76
24	5.7	1.6	31.5	7.5	1.00	18.30	
24	6.4	4.8	32.0	4.3			
25	5.3	1.9	31.5	10.8	1.00	11.30	
25	4.9	1.3	32.0	9.9			
26	5.6	1.1	31.5	8.5	1.10	21.00	32.80
26	3.2	3.7	32.0	6.7			33.38

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

27	4.0	1.1	32.6	11.0	1.50	12.70	32.80
27	6.7	1.5	33.0	8.7			33.87
28	4.8	1.3	34.0	10.3	1.10	34.40	34.44
28	3.7	1.4	34.0	8.2			35.17
29	3.8	3.0	35.0	8.4	1.70	7.30	36.34
29	3.8	4.8	36.0	6.2			36.77
30	4.9	1.2	33.0	9.7	1.00	15.70	33.64
30	4.8	1.3	33.0	11.4			33.66
31	4.1	1.0	32.0	10.0	1.40	39.70	33.42
31	5.2	1.6	33.0	9.8			33.62
32	4.7	1.9	32.0	8.9	1.00	14.10	32.54
32	3.0	3.5	32.0	9.8			32.57
33	2.6	2.7	30.0	10.6	1.20	21.00	31.30
33	5.4	1.6	32.0	7.0			33.29
34	6.0	2.8	32.0	8.2	1.00	12.50	32.71
34	6.6	2.3	32.0	8.4			32.99
35							
35							

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
A	0.00	201087	1134	27.8500	97.4800	23.7	25.6
A	1.00	201087	1134	27.8500	97.4800	23.6	25.7
A	0.00	201087	1330	27.8500	97.4800	23.8	25.6
A	1.00	201087	1330	27.8500	97.4800	23.8	25.8
A	0.00	201087	1500	27.8500	97.4800	24.1	26.2
A	1.00	201087	1500	27.8500	97.4800	24.0	26.2
A	0.00	201087	1600	27.8500	97.4800	24.2	26.2
A	1.00	201087	1600	27.8500	97.4800	24.1	26.1
A	0.00	201087	1700	27.8500	97.4800	24.3	26.3
A	1.00	201087	1700	27.8500	97.4800	24.3	26.2
A	0.00	201087	1830	27.8500	97.4800	24.3	26.5
A	1.00	201087	1830	27.8500	97.4800	24.2	26.6
A	0.00	201087	1930	27.8500	97.4800	24.0	26.7
A	1.00	201087	1930	27.8500	97.4800	24.0	26.7
A	0.00	201087	2100	27.8500	97.4800	23.9	26.7
A	1.00	201087	2100	27.8500	97.4800	23.9	26.7
A	0.00	201087	2200	27.8500	97.4800	23.7	26.6
A	1.00	201087	2200	27.8500	97.4800	23.7	26.6
A	0.00	201087	2300	27.8500	97.4800	23.4	26.5
A	1.00	201087	2300	27.8500	97.4800	23.4	26.4
A	0.00	201087	2400	27.8500	97.4800	23.2	26.6
A	1.00	201087	2400	27.8500	97.4800	23.2	26.6
A	0.00	211087	100	27.8500	97.4800	23.3	26.6
A	1.00	211087	100	27.8500	97.4800	23.2	26.6
A	0.00	211087	200	27.8500	97.4800	23.2	26.6
A	1.00	211087	200	27.8500	97.4800	23.3	26.6
A	0.00	211087	300	27.8500	97.4800	23.2	26.4
A	1.00	211087	300	27.8500	97.4800	23.2	26.5

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
A	16.67	1.48	0.72	0.68	0.69	67.67
A	16.80	1.79	0.71	1.08	0.60	67.60
A	16.64	1.33	0.87	1.47	0.71	66.73
A	16.80	0.71	1.57	1.83	0.78	67.24
A	17.04	1.25	0.95	0.96	0.68	65.62
A	17.06	0.72	1.47	1.21	0.76	65.60
A	17.01	0.72	1.47	1.34	0.79	66.22
A	16.93	0.79	1.54	1.04	0.78	65.56
A	17.03		0.64	1.01	2.96	55.11
A	16.98	0.85	2.18	3.05	4.33	56.29
A	17.19	1.66	0.70	1.13	3.23	55.15
A	17.27	1.48	0.96	1.36	3.60	55.12
A	17.44	1.43	1.19	1.89	4.27	55.30
A	17.44	1.11	1.69	2.46	4.44	55.27
A	17.47	1.87	1.01	2.38	3.73	56.12
A	17.47	1.47	1.76	1.89	4.28	56.30
A	17.42	1.68	1.25	2.46	3.90	56.04
A	17.42	1.11	2.16	1.89	4.65	56.01
A	17.45	1.56	1.63	3.21	4.15	57.08
A	17.39	1.98	1.28	2.42	4.26	57.60
A	17.56	2.21	1.08	1.79	3.83	57.23
A	17.56	0.10	4.91	1.96	6.30	59.19
A	17.53	2.47	1.03	5.87	3.91	57.27
A	17.56	1.91	2.19	1.70	4.92	58.01
A	17.56	3.28	0.90	3.06	3.92	57.86
A	17.53	1.14	4.43	1.61	6.22	60.15
A	17.45					
A	17.50	2.74	2.81	5.60	5.03	58.68

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
A	6.0	2.6	25.0	7.1		
A	6.4	5.1	25.0			
A	8.7	3.7	23.0	7.5		
A	9.0	5.3	25.0			
A	6.0	2.6	26.0	8.0		
A	11.1	4.7	25.0			
A	10.4	4.7	25.9			
A	10.2	5.5	26.0			
A	5.9	6.4	25.9			
A	6.5	12.9	26.0			
A	7.8	3.7	26.0			
A	8.3	6.8	26.0			
A	6.8	4.3	26.0			
A	7.6	6.9	26.0			
A	6.0	4.1	26.0			
A	6.7	5.4	26.0			
A	5.9	4.1	25.0			
A	6.1	5.2	26.0			
A	6.0	5.7	25.0			
A	6.9	8.1	26.0			
A	5.5	5.0	25.0	7.9		
A	7.4	11.9	26.0			
A	4.3	5.0	25.0	7.8		
A	4.9	9.9	26.0			
A	3.7	6.1	25.0			
A	4.1	9.6	26.0			
A	3.4	5.0	26.0			
A	2.0	5.4	26.0			

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

STATION1	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
B	0.00	211087	1130	27.9100	97.4960	21.4	34.0
B	1.20	211087	1130	27.9100	97.4960	21.4	34.1
B	0.00	211087	1230	27.9100	97.4960	21.5	33.9
B	1.20	211087	1230	27.9100	97.4960	21.4	33.8
B	0.00	211087	1330	27.9100	97.4960	21.6	33.3
B	1.20	211087	1330	27.9100	97.4960	21.5	33.0
B	0.00	211087	1430	27.9100	97.4960	21.8	33.3
B	1.20	211087	1430	27.9100	97.4960	21.8	33.8
B	0.00	211087	1530	27.9100	97.4960	22.3	34.2
B	1.20	211087	1530	27.9100	97.4960	22.2	34.4
B	0.00	211087	1630	27.9100	97.4960	22.5	34.1
B	1.20	211087	1630	27.9100	97.4960	22.5	34.1
B	0.00	211087	1730	27.9100	97.4960	22.4	34.4
B	1.20	211087	1730	27.9100	97.4960	22.4	34.4
B	0.00	211087	1830	27.9100	97.4960	22.3	34.5
B	1.20	211087	1830	27.9100	97.4960	22.4	34.4
B	0.00	211087	1930	27.9100	97.4960	22.3	34.6
B	1.20	211087	1930	27.9100	97.4960	22.3	34.7
B	0.00	211087	2030	27.9100	97.4960	22.3	34.7
B	1.20	211087	2030	27.9100	97.4960	22.3	34.6
B	0.00	211087	2130	27.9100	97.4960	22.1	34.5
B	1.20	211087	2130	27.9100	97.4960	22.1	34.5
B	0.00	211087	2230	27.9100	97.4960	22.0	34.6
B	1.20	211087	2230	27.9100	97.4960	22.1	34.5

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
B	23.64	3.04	1.37	4.65	2.86	30.07
B	23.70	0.84	5.18	6.74	5.47	33.36
B	23.56	3.09	1.26	2.46	2.96	30.55
B	23.53	2.08	3.09	4.88	3.56	31.85
B	23.03	2.82	1.89	3.32	3.09	34.80
B	22.89	2.24	3.08	4.72	3.78	36.09
B	23.03	2.26	3.24	4.70	4.02	29.42
B	23.37	2.45	4.61	6.74	5.94	28.83
B	23.56	2.21	1.76	3.28	2.14	20.21
B	23.70	0.91	2.26	4.26	2.41	19.87
B	23.45	1.86	1.31	2.87	2.25	23.17
B	23.45	2.07	1.53	3.28	2.45	23.72
B	23.70	0.27	1.35	2.91	0.47	21.02
B	23.70		1.82	3.47	0.53	20.44
B	23.79	0.14	1.06	2.10	0.44	19.97
B	23.70		2.16	4.50	0.64	21.50
B	23.84	0.11	0.99	3.80	0.38	20.92
B	23.90	0.05	1.40	2.51	0.50	21.12
B	23.90	0.22	0.89	2.55	0.38	21.98
B	23.84	0.13	1.01	2.38	0.40	21.40
B	23.84	0.13	0.88	2.54	0.38	21.71
B	23.84	0.18	0.96	2.13	0.41	21.35
B	23.93	0.25	0.76	2.10	0.34	21.11
B	23.84	0.24	0.80	1.70	0.37	21.08

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

STATION3	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
B	8.8	5.3	32.0	7.8	0.50	
B	29.9	48.5	34.0	8.1		
B	10.4	5.3	32.0	8.6		
B	11.8	12.5	33.0	8.1		
B	14.6	9.3	34.0	8.1	0.50	
B	12.7	9.0	32.0	8.2		
B	14.5	10.8	33.0	8.5	0.50	
B	16.6	20.4	33.0	8.6		
B	9.0	5.6	33.0	8.7		
B	8.3	13.2	34.0	8.3		
B	3.8	4.0	33.9	8.4	0.50	
B	8.3	10.3	33.9	9.7		
B	6.3	7.1	33.0	8.5	0.50	
B	15.0	28.2	34.0	8.9		
B	5.8	3.9	33.0	8.3	0.50	
B	4.0	8.0	33.9			
B	4.5	2.5	33.0	8.5		
B	7.7	5.9	33.0			
B	6.3	4.0	34.0	8.1		
B	7.3	4.5	34.0			
B	6.4	3.7	33.0	8.1		
B	6.3	5.6	33.0			
B	6.4	5.0	33.0			
B	5.8	3.5	33.0			

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
C	0.00	191087	1145	27.8150	97.3590	24.5	34.2
C	3.70	191087	1145	27.8150	97.3590	24.5	34.1
C	0.00	191087	1600	27.8150	97.3590	24.8	34.1
C	3.70	191087	1600	27.8150	97.3590	24.8	34.1
C	0.00	191087	1745	27.8150	97.3590	24.8	34.3
C	3.70	191087	1745	27.8150	97.3590	24.8	34.1
C	0.00	191087	1845	27.8150	97.3590	24.7	34.2
C	3.70	191087	1845	27.8150	97.3590	24.6	34.1
C	0.00	191087	1945	27.8150	97.3590	24.7	34.1
C	3.70	191087	1945	27.8150	97.3590	24.7	34.1
C	0.00	191087	2045	27.8150	97.3590	24.7	34.1
C	3.70	191087	2045	27.8150	97.3590	24.6	34.1
C	0.00	191087	2145	27.8150	97.3590	24.6	34.2
C	3.70	191087	2145	27.8150	97.3590	24.6	34.2
C	0.00	191087	2245	27.8150	97.3590	24.6	34.3
C	3.70	191087	2245	27.8150	97.3590	24.6	34.4
C	0.00	191087	2345	27.8150	97.3590	24.6	34.2
C	3.70	191087	2345	27.8150	97.3590	24.6	34.3
C	0.00	201087	100	27.8150	97.3590	24.5	34.2
C	3.70	201087	100	27.8150	97.3590	24.6	34.2
C	0.00	201087	200	27.8150	97.3590	24.5	34.3
C	3.70	201087	200	27.8150	97.3590	24.5	34.3
C	0.00	201087	300	27.8150	97.3590	24.5	34.4
C	3.70	201087	300	27.8150	97.3590	24.5	34.3

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
C	22.93	0.26	0.31	0.22	0.75	41.39
C	22.87	0.20	0.24	0.20	0.84	40.93
C	22.73	0.21	0.19	0.18	0.89	40.47
C	22.78	0.16	0.23	0.64	1.09	39.91
C	22.90	1.68	0.20	0.40	1.05	44.67
C	22.73	1.48	0.40	0.49	1.22	44.72
C	22.87	1.70	0.23	0.58	0.90	44.35
C	22.84	0.20	2.21	1.30	2.64	47.28
C	22.76	1.42	0.51	0.57	1.29	44.57
C	22.81	1.36	0.61	0.81	1.38	44.41
C	22.76	1.49	0.39	0.55	1.39	43.93
C	22.84	1.33	0.65	0.60	1.49	44.19
C	22.90	1.51	0.33	0.49	1.39	44.25
C	22.90	1.39	0.59	0.55	1.32	44.09
C	22.95	1.55	0.34	0.31	1.09	44.14
C	23.01	1.44	0.54	0.47	1.34	44.51
C	22.90	1.53	0.40	0.51	1.18	45.42
C	22.95	1.08	1.07	0.91	1.96	45.26
C	22.93	1.65	0.33	0.46	1.16	44.57
C	22.90	0.98	1.21	0.93	11.54	46.32
C	22.98	1.48	0.50	0.54	1.50	44.88
C	22.98	1.43	0.55	0.44	1.42	46.75
C	23.04	1.55	0.43	0.42	1.30	45.84
C	22.98	1.24	0.82	0.61	1.69	46.75

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
C	5.9	1.4	32.0	8.8	0.62	
C	6.1	2.4	34.0	8.2		
C	4.7	1.6	34.0	8.5	0.31	
C	5.0	2.2	33.0	7.9		
C	4.8	1.4	34.0	8.7		
C	5.1	3.1	33.0	8.3		
C	4.6	1.5	36.0	8.4		
C	7.9	12.3	36.0	8.3		
C	4.5	2.2	34.0	8.3		
C	5.3	3.5	33.0	8.3		
C	4.3	1.7	34.0	8.3		
C	4.5	3.9	34.0	7.6		
C	3.8	1.6	34.0	8.1		
C	4.1	2.8	34.0	8.0		
C	5.8	0.2	33.9			
C	3.6	2.6	34.0			
C	5.0	0.2	33.0			
C	3.7	4.2	34.0			
C	2.8	1.3	33.0			
C	3.8	5.3	33.0			
C	3.5	1.4	34.0			
C	4.1	2.6	33.0			
C	3.7	0.9	32.0			
C	4.2	4.2	32.0			

NUECES/CORPUS CHRISTI BAY (NIPS-II) OCT 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
D	0.00	221087	1100	27.7070	97.1910	22.0	35.3
D	2.60	221087	1100	27.7070	97.1910	21.8	35.6
D	0.00	221087	1200	27.7070	97.1910	22.0	35.3
D	2.60	221087	1200	27.7070	97.1910	21.9	35.6
D	0.00	221087	1300	27.7070	97.1910	22.0	35.3
D	3.00	221087	1300	27.7070	97.1910	21.9	35.4
D	0.00	221087	1400	27.7070	97.1910	22.1	35.4
D	3.00	221087	1400	27.7070	97.1910	21.9	35.5
D	0.00	221087	1500	27.7070	97.1910	21.1	35.4
D	3.00	221087	1500	27.7070	97.1910	22.1	35.4

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
D	24.43	0.58	0.34	2.21	0.25	25.04
D	24.77	0.05	1.11	2.12	0.34	25.91
D	24.49	0.48	0.39	2.40	0.26	25.11
D	24.69	0.19	0.93	1.86	0.31	26.19
D	24.49	0.47	0.35	1.57	0.24	25.06
D	24.57	0.41	0.50	2.00	0.26	25.59
D	24.52	0.54	0.30	1.93	0.24	24.68
D	24.63	0.29	0.62	1.88	0.27	26.09
D	24.79	0.39	0.45	1.77	0.25	26.07
D	24.52	0.33	0.59	0.70	0.29	26.27

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
D			34.0	8.2	1.00	
D			35.1	7.3		
D	9.8	3.3	34.0	8.1		
D	9.9	8.4	34.0	7.1		
D	8.5	1.9	35.0	8.4	1.00	
D	10.3	3.7	34.0	7.1		
D	7.7	2.1	34.0	8.6		
D	10.0	4.1	35.2	7.2		
D	8.8	2.6	34.0	8.7		
D	10.3	3.3	34.0	8.3		

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STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-CTD
1	0.00	191187	1121	27.8670	97.5200		
1	0.80	191187	1121	27.8670	97.5200		
2	0.00	191187	1131	27.8620	97.5250		
2	0.75	191187	1131	27.8620	97.5250		
3	0.00	191187	1142	27.8760	97.5070		
3	0.85	191187	1142	27.8760	97.5070		
4	0.00	191187	1200	27.8470	97.5010		
4	1.00	191187	1200	27.8470	97.5010		
4A	0.00	191187	1309	27.8480	97.5440		
4A	1.20	191187	1309	27.8480	97.5440		
5	0.00	191187	1323	27.8600	97.4950		
5	1.40	191187	1323	27.0600	97.4950		
6	0.00	191187	1344	27.8350	97.4900		
6	1.10	191187	1344	27.8350	97.4900		
7	0.00	191187	1335	27.8500	97.4800		
7	2.00	191187	1335	27.8500	97.4800		
8	0.00	191187	1359	27.8600	97.4610		
8	1.00	191187	1359	27.8600	97.4610		
9	0.00	191187	1045	27.8420	97.4550		
9	1.30	191187	1045	27.8420	97.4550		
10	0.00	191187	1417	27.8610	97.4250		
10	1.30	191187	1417	27.8610	97.4250		
11	0.00	191187	1427	27.8500	97.4250		
11	1.40	191187	1427	27.8500	97.4250		
12	0.00	191187	1434	27.8310	97.4230		
12	1.20	191187	1434	27.8310	97.4230		
13	0.00	191187	1445	27.9100	97.4960		
13	2.10	191187	1445	27.9100	97.4960		
14	0.00	191187	1456	27.8760	97.4020		
14	1.50	191187	1456	27.8650	97.4020		
15	0.00	191187	1508	27.8520	97.3710		
15	0.70	191187	1508	27.8520	97.3710		
16	0.00	191187	1525	27.8380	97.3760		
16	7.69	191187	1525	27.8380	97.3760		
17	0.00	191187	1606	27.8120	97.3880		
17	16.30	191187	1606	27.8120	97.3880		
18	0.00	191187	1540	27.8570	97.3350		
18	3.38	191187	1540	27.8570	97.3550		
19	0.00	191187	1550	27.8150	97.3590		
19	4.00	191187	1550	27.8150	97.3590		
20	0.00	201187	1141	27.7900	97.3730	17.6	31.9
20	4.00	201187	1141	27.7900	97.3730	17.3	32.0
21	0.00	201187	1202	27.7440	97.3710	17.6	32.1
21	3.08	201187	1202	27.7440	97.3710	17.4	32.2
22	0.00	201187	1217	27.7140	97.3140	15.5	32.6
22	1.23	201187	1217	27.7140	97.3140	15.4	32.7
23	0.00	201187	1125	27.7760	97.3170	18.1	32.7
23	4.00	201187	1125	27.7760	97.3170	17.9	32.2
24	0.00	201187	1111	27.8110	97.2640	17.4	31.3
24	15.38	201187	1111	27.8110	97.2640	18.2	32.3
25	0.00	201187	1100	27.8280	97.2570	17.5	31.3
25	3.69	201187	1100	27.8280	97.2570	16.7	31.4
26	0.00	201187	1000	27.8200	97.1980	17.9	31.2
26	15.38	201187	1000	27.8200	97.1980	17.9	31.4

NUECES/CORPUS CHRISTI BAY (NIPS-II) NOV 1987

27	0.00	201187	1428	27.7510	97.2210	18.0	31.8
27	4.00	201187	1428	27.7510	97.2210	17.7	31.8
28	0.00	201187	1238	27.6860	97.2510	16.7	32.5
28	1.23	201187	1238	27.6860	97.2510	16.8	32.5
29	0.00	201187	1258	27.6330	97.2390	15.3	32.9
29	5.85	201187	1258	27.6330	97.2390	14.8	33.0
30	0.00	201187	1359	27.6910	97.2170		
30	2.15	201187	1359	27.6910	97.2170	15.0	32.8
31	0.00	201187	1413	27.7070	97.1910	16.7	31.3
31	3.08	201187	1413	27.7070	97.1910	16.4	31.5
32	0.00	201187	1448	27.8100	97.1480	18.0	30.7
32	2.15	201187	1448	27.8100	97.1480	18.0	30.6
33	0.00	201187	927	27.6840	97.1540	17.6	31.1
33	15.38	201187	927	27.6840	97.1540	17.6	31.2
34	0.00	201187	1023	27.8480	97.2790	17.5	31.5
34	3.69	201187	1023	27.8480	97.2790	17.4	31.6
35				27.8750	97.3480		
35				27.8750	97.3480		

NUECES/CORPUS CHRISTI BAY (NIPS-II) NOV 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
1	12.8	3.9	19.0	9.8	0.25	0.20
1	12.5	4.1	18.0			
2	15.8	7.2	17.8	8.7	0.23	0.36
2	16.3	7.0	18.0	10.2		
3	6.2	2.5	20.0	10.3	0.48	0.49
3	7.9	3.7	20.0	8.6		
4	13.8	4.5	4.0	10.8	0.35	0.01
4	12.9	6.9	8.0	10.9		
4A	8.4	4.8	0.0	6.3	0.33	0.37
4A	10.4	6.2	0.0	5.2		
5	6.7	2.8	21.0	9.1	0.40	0.18
5	24.0	11.7	21.0	9.0		
6	15.8	5.2	17.0	10.6	0.35	0.05
6	15.3	4.9	18.0	9.5		
7	11.1	3.9	25.0	8.8	0.35	0.51
7	17.9	12.5	25.0	10.0		
8	4.9	1.4	26.0	10.1	0.90	2.40
8	4.7	1.5	26.5	9.9		
9	14.3	9.0	24.0	8.7	0.10	0.00
9	14.8	9.6	24.5	8.5		
10	5.6	1.9	26.0	10.5	0.80	1.96
10	5.6	2.0	26.0	8.9		
11	16.2	4.0	27.5	9.1	0.35	0.15
11	16.3	3.6	28.0	8.3		
12	16.4	3.9	29.5	8.4	0.45	0.58
12	18.0	5.4	29.5	8.5		
13	7.9	3.5	28.0	10.3	0.40	0.64
13	8.2	3.3	28.0	8.5		
14	9.3	3.1	29.0	9.1	0.50	0.98
14	9.2	3.5	29.0	8.9		
15	5.9	1.6	29.0	8.9	0.60	0.42
15	6.2	1.6	30.0	8.6		
16	7.0	3.0	29.0	8.2	0.45	0.65
16	7.0	2.0	29.5	7.8		
17	4.8	1.1	29.0	8.4	1.45	14.96
17	5.3	2.7	30.0	6.5		
18	3.7	1.3	30.0	8.4	1.15	5.84
18	3.5	1.1	30.0	8.0		
19	5.1	1.4	30.0	8.3	0.95	10.86
19	5.3	1.6	30.0	8.0		
20	5.0	1.1	30.5	10.6	1.00	10.13
20	5.6	2.0	30.5	7.9		
21	3.4	0.9	31.0	9.9	1.40	14.52
21	3.8	1.0	31.0	8.2		
22	3.4	1.6	32.0	10.0	0.60	0.46
22	4.1	1.4	32.0	7.2		
23	4.4	1.4	31.5	10.4	0.90	8.29
23	5.5	1.4	31.5	7.1		
24	3.5	0.8	30.5	7.5	1.30	14.81
24	4.5	1.6	30.5	4.3		
25	5.5	1.4	30.0	10.8	1.10	10.03
25	5.7	1.0	30.0	9.9		
26	4.3	1.0	29.5	8.5	1.00	9.35
26	5.5	3.9	30.0	6.7		

NUECES/CORPUS CHRISTI BAY (NIPS-II) NOV 1987

27	4.7	1.7	30.0	11.0	0.90	7.06
27	5.2	1.5	30.0	8.7		
28	5.8	1.9	32.0	10.3	0.60	3.44
28	6.7	2.0	32.0	8.2		
29	1.9	0.9	31.5	8.4	1.60	19.20
29	2.7	1.8	32.0	6.2		
30	5.7	1.2	30.0	9.7	1.10	7.65
30	6.0	1.1	30.0	11.4		
31	4.4	0.6	30.0	10.0	1.40	7.43
31	4.4	1.1	30.0	9.8		
32	3.7	0.8	29.0	8.9	1.20	4.37
32	3.7	0.9	29.0	9.8		
33	3.9	1.3	30.0	10.6	0.80	6.52
33	5.0	3.4	30.0	7.0		
34	3.1	0.7	29.5	8.2	1.30	14.23
34	3.2	0.8	29.5	8.4		
35						
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NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION1	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	91287	1130	27.8670	97.5200	19.5	25.7
1	1.00	91287	1130	27.8670	97.5200	19.4	25.5
2	0.00	91287	1137	27.8620	97.5250	19.6	25.5
2	0.85	91287	1137	27.8620	97.5250	19.6	25.5
3	0.00	91287	1147	27.8760	97.5070	19.7	26.0
3	1.00	91287	1147	27.8760	97.5070	19.6	26.2
4	0.00	91287	1256	27.8470	97.5010	19.6	25.0
4	0.95	91287	1256	27.8470	97.5010	19.6	25.2
4A	0.00	91287	1308	27.8480	97.5440	20.2	11.9
4A	1.00	91287	1308	27.8480	97.5440	20.2	12.6
5	0.00	91287	1247	27.8600	97.4950	19.7	27.2
5	1.50	91287	1247	27.0600	97.4950	19.6	27.5
6	0.00	91287	1401	27.8350	97.4900	20.2	26.3
6	1.00	91287	1401	27.8350	97.4900	20.2	26.4
7	0.00	91287	1237	27.8500	97.4800	19.7	29.0
7	1.20	91287	1237	27.8500	97.4800	19.6	29.0
8	0.00	91287	1416	27.8600	97.4610	19.9	29.5
8	0.95	91287	1416	27.8600	97.4610	20.0	29.8
9	0.00	91287	1227	27.8420	97.4550	20.1	29.7
9	1.35	91287	1227	27.8420	97.4550	20.0	29.8
10	0.00	91287	1431	27.8610	97.4250	20.0	29.8
10	1.30	91287	1431	27.8610	97.4250	20.0	29.9
11	0.00	91287	1440	27.8500	97.4250	20.0	30.8
11	1.30	91287	1440	27.8500	97.4250	20.1	30.7
12	0.00	91287	1450	27.8310	97.4230	21.0	32.6
12	1.15	91287	1450	27.8310	97.4230	21.0	32.7
13	0.00	91287	1521	27.9100	97.4960	20.2	31.9
13	1.00	91287	1521	27.9100	97.4960	20.1	31.9
14	0.00	91287	1532	27.8760	97.4020	19.9	30.8
14	1.40	91287	1532	27.8650	97.4020	19.9	30.9
15	0.00	91287	1546	27.8520	97.3710	20.5	31.2
15	0.55	91287	1546	27.8520	97.3710	20.5	31.2
16	0.00	91287	1600	27.8380	97.3760	19.5	31.9
16	5.54	91287	1600	27.8380	97.3760	19.5	32.2
17	0.00	81287	1704	27.8120	97.3880	19.3	32.7
17		81287	1704	27.8120	97.3880	18.8	33.6
18	0.00	81287	1625	27.8570	97.3350	19.6	32.8
18	2.77	81287	1625	27.8570	97.3550	19.0	32.8
19	0.00	81287	1639	27.8150	97.3590	19.2	32.9
19	3.69	81287	1639	27.8150	97.3590	18.9	33.3
20	0.00	81287	1651	27.7900	97.3730	19.5	33.5
20		81287	1651	27.7900	97.3730	19.2	33.5
21	0.00	81287	1447	27.7440	97.3710	19.6	32.7
21	3.08	81287	1447	27.7440	97.3710	19.3	33.5
22	0.00	81287	1430	27.7140	97.3140	21.0	34.8
22	2.15	81287	1430	27.7140	97.3140	20.9	34.8
23	0.00	81287	1505	27.7760	97.3170	19.1	32.8
23	4.00	81287	1505	27.7760	97.3170	18.4	33.3
24	0.00	81287	1523	27.8110	97.2640	18.9	32.7
24	16.00	81287	1523	27.8110	97.2640	18.5	33.6
25	0.00	81287	1559	27.8280	97.2570	19.7	32.6
25	3.38	81287	1559	27.8280	97.2570	18.9	32.6
26	0.00	81287	1543	27.8200	97.1980	19.2	32.7
26	14.46	81287	1543	27.8200	97.1980	18.7	32.9
27	0.00	81287	1108	27.7510	97.2210	18.8	32.6

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

27	4.00	81287	1108	27.7510	97.2210	18.5	32.8
28	0.00	81287	1412	27.6860	97.2510	19.6	32.1
28	2.30	81287	1412	27.6860	97.2510	19.6	32.9
29	0.00	81287	1310	27.6330	97.2390	19.8	34.1
29	6.15	81287	1310	27.6330	97.2390	19.1	35.7
30	0.00	81287	1158	27.6910	97.2170	18.8	33.3
30	2.15	81287	1158	27.6910	97.2170	18.7	33.6
31	0.00	81287	1140	27.7070	97.1910	18.8	33.4
31	3.08	81287	1140	27.7070	97.1910	18.6	33.5
32	0.00	81287	1018	27.8100	97.1480	18.8	34.1
32	1.54	81287	1018	27.8100	97.1480	18.9	32.6
33	0.00	81287	953	27.6840	97.1540	18.9	32.4
33	16.90	81287	953	27.6840	97.1540	18.8	33.1
34	0.00	81287	1610	27.8480	97.2790	19.7	32.7
34	3.38	81287	1610	27.8480	97.2790	18.9	32.7
35				27.8750	97.3480		
35				27.8750	97.3480		

NUECES/CORPUS CHRISTI BAY (NIPS-II) NOV 1987

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
1		3.10	0.14	2.63	1.00	20.59
1		2.41	0.18	3.77	1.18	25.37
2		2.46	0.14	2.95	1.00	18.13
2		2.48	0.11	2.48	1.09	20.99
3		2.50	0.10	2.04	0.61	13.32
3		17.49	0.08	2.36	0.68	16.72
4		6.21	2.41	9.02	4.75	37.55
4		14.58	1.24	4.79	2.67	35.94
4A		10.58	1.54	44.24	6.11	63.58
4A		1.68	1.23	33.78	4.84	69.42
5		2.38	0.21	1.63	0.89	20.28
5		2.55	0.17	1.19	0.67	10.91
6		2.45	0.14	1.15	1.05	18.35
6		2.43	0.17	1.18	0.97	14.09
7		2.46	0.14	1.18	0.62	15.14
7		2.70	0.22	0.96	0.60	10.45
8		2.42	0.18	2.89	0.41	10.76
8		2.59	0.14	1.92	0.49	10.75
9		2.38	0.21	1.63	0.66	9.36
9		2.45	0.14	1.52	0.37	7.65
10		2.47	0.13	1.16	0.53	15.61
10		2.59	0.13	1.51	0.46	11.56
11		2.31	0.29	2.69	0.81	17.19
11		9.37	0.28	2.83	0.67	9.74
12		6.55	0.71	3.75	0.74	9.94
12		2.08	0.71	3.28	0.81	8.12
13		2.44	0.21	1.49	0.67	16.09
13		2.42	0.18	1.13	0.38	8.95
14		2.45	0.14	1.30	0.36	9.79
14		2.44	0.15	1.08	0.45	9.89
15		2.49	0.11	1.37	0.63	10.73
15		2.61	0.11	1.29	0.67	8.38
16		2.62	0.17	1.54	0.50	11.78
16			0.17	0.92	0.47	11.13
17		9.37	1.00	7.18	1.88	12.61
17		2.96	0.28	1.52	0.45	8.02
18		2.60	0.12	0.88	0.38	6.31
18		2.78	0.07	0.94	0.24	4.50
19		2.43	0.16	2.16	0.56	11.72
19		2.52	0.14	1.44	0.41	9.05
20	22.98	2.88	0.36	5.66	2.89	24.53
20	23.15	2.71	0.21	3.72	1.32	24.20
21	23.18	2.82	0.10	3.43	1.13	23.13
21	23.32	2.77	0.08	3.14	1.08	22.90
22	24.02	6.01	2.09	5.56	6.38	30.66
22	24.17	0.17	6.32	14.18	4.52	21.40
23	23.54	2.70	0.22	4.50	0.86	18.52
23	23.22	2.66	0.13	3.41	0.71	17.76
24	22.59	2.68	0.11	3.02	0.83	14.56
24	23.16	2.56	0.29	4.51	1.26	21.25
25	22.56	2.77	0.15	21.25	1.22	13.80
25	22.87	2.75	0.11	2.67	0.67	10.60
26	22.40	2.80	0.06	2.66	0.67	13.04
26	22.59	2.46	0.39	5.16	1.47	17.17
27	22.87	2.68	0.18	2.55	1.12	18.02

NUECES/CORPUS CHRISTI BAY (NIPS-II) NOV 1987

27	22.91	2.66	0.19	1.75	1.05	15.88
28	23.72	2.75	0.10	2.23	1.08	20.87
28	23.70	2.76	0.16	2.20	1.11	16.61
29	24.29	2.79	0.07	3.33	0.43	16.60
29	24.47	2.77	0.09	3.95	0.45	15.31
30		2.74	0.11	4.30	0.80	13.39
30	24.31	2.73	0.12	4.14	0.87	15.19
31	22.82	2.74	0.11	3.86	0.63	11.24
31	22.99	2.73	0.13	1.37	0.60	10.70
32	22.01	2.74	0.11	1.34	0.70	11.33
32	21.96	2.76	0.10	1.88	0.61	10.15
33	22.45	2.70	0.15	3.73	1.00	15.46
33	22.51	2.53	0.32	3.78	1.38	16.51
34	22.77	2.72	0.13	1.43	1.00	15.97
34	22.82	2.73	0.12	2.56	0.90	16.49
35						
35						

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
1	17.83	4.94	0.51	3.56	4.19	120.24
1	17.74	4.04	0.66	5.97	4.75	120.12
2	17.69	3.36	1.74	13.89	6.31	136.64
2	17.69	1.34	2.52	20.70	7.00	136.24
3	17.99	3.50	0.43	3.17	4.17	126.38
3	18.18	3.53	0.55	4.61	4.22	127.12
4	17.27	3.54	0.58	6.40	4.98	111.24
4	17.43	18.03	0.78	6.09	4.32	113.14
4A	7.23	9.46	2.21	5.72	13.40	271.27
4A	7.82	5.59	1.56	5.90	10.43	221.56
5	18.91	1.58	3.43	7.53	7.91	100.18
5	19.21	2.21	2.13		3.31	100.36
6	18.14	3.11	1.39	15.46	7.77	92.50
6	18.19	2.28	1.96	19.43	5.91	64.11
7	20.27	3.39	1.09	11.35	4.21	69.92
7	20.30	2.68	1.62	14.90	4.80	70.66
8	20.60	3.78	0.56	7.53	2.68	69.98
8	20.80	3.75	0.57	5.83	3.08	69.29
9	20.72	3.63	0.88	8.79	3.63	65.45
9	20.85	2.56	1.70	16.48	4.41	66.20
10	20.85	3.34	1.08	10.31	3.51	67.52
10	20.91	2.94	1.21	10.10	3.80	68.27
11	21.57	3.55	0.64	26.11	2.57	54.68
11	21.49	5.84	0.83	7.41	2.93	54.85
12	22.69	6.39	0.52	5.16	2.06	41.84
12	22.80	3.67	0.61	4.10	2.13	41.15
13	22.40	3.53	0.73	9.27	2.77	50.50
13	22.43	3.78	0.72	7.47	2.84	50.39
14	21.59	3.25	0.83	9.91	3.22	56.87
14	21.71	2.78	1.20	14.40	3.81	57.61
15	21.77	3.50	0.47	15.45	2.68	56.35
15	21.77	3.75	0.46	7.82	2.61	57.10
16	22.58		0.65	6.09	2.73	49.25
16	22.81		0.77	8.66	2.88	49.42
17	23.25	26.28	1.14	11.54	2.68	51.99
17	23.99	14.16	0.92	19.63	1.92	47.41
18	23.23	3.21	0.43	27.01	1.16	43.79
18	23.38	2.69	0.85	19.63	1.46	44.39
19	23.39	2.68	0.26	25.74	0.91	38.83
19	23.80	2.60	0.44	14.76	1.13	39.76
20	23.76	2.57	0.27	8.54	0.92	34.20
20	23.83	2.50	0.33	12.36	1.00	34.15
21	23.17	2.53	0.30	15.79	0.80	33.78
21	23.81	2.37	0.36	16.07	0.88	34.38
22	24.37	1.90	0.84	10.92	1.86	46.00
22	24.40	3.73	0.93	20.27	2.02	47.57
23	23.36	4.34	0.31	15.64	0.83	33.26
23	23.87	2.92	0.32	18.32	0.87	33.86
24	23.29	2.74	0.29	18.58	0.67	27.00
24	24.07	0.99	1.84	21.33	2.21	37.97
25	23.03	3.32	0.33	8.69	0.66	27.88
25	23.24	2.32	0.51	6.78	0.91	28.15
26	23.22	2.72	0.32	7.20	0.68	21.62
26	23.51	2.29	0.45	14.64	0.81	24.49
27	23.26	2.50	0.33	15.96	0.80	28.33

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

27	23.51	2.61	0.33	10.94	0.80	28.93
28	22.67	2.52	0.42	23.08	1.04	41.20
28	23.28	2.49	0.44	22.59	0.94	41.48
29	24.18	2.57	0.26	14.30	0.60	48.23
29	25.55	2.58	0.26	13.68	0.55	66.01
30	23.77	2.76	0.27	12.93	0.56	38.41
30	24.02	2.66	0.28	10.27	0.53	38.36
31	23.88	2.81	0.23	11.27	0.56	26.97
31	23.99	2.67	0.26	12.98	0.51	36.97
32	24.39	2.15	0.28	16.21	0.66	17.15
32	23.24	2.75	0.28	11.87	0.68	16.78
33	23.07	2.54	0.20	9.80	0.71	15.75
33	23.66	2.67	0.27	8.50	0.73	16.35
34	23.15	2.57	0.27	7.88	0.88	28.62
34	23.35	2.48	0.36	10.66	0.94	30.20
35						
35						

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION3	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS	SAL-B
1	5.3	2.2	23.0	7.6	0.85	2.28	
1	5.7	2.8	23.0	7.2			24.36
2	7.8	3.5	23.0	6.7	0.40	0.37	
2	8.3	6.5	23.0	6.3			
3	3.4	1.6	23.8	6.8	0.90	10.23	
3	4.0	1.8	23.8	6.4			
4	10.4	2.6	23.5	8.9	0.70	7.43	
4	12.1	3.8	24.0	8.2			
4A	49.0	6.7	10.0	9.7	0.80	5.84	
4A	30.3	9.6	14.0	10.3			11.00
5	10.4	2.4	25.0	7.9	0.55	1.41	
5	9.2	2.7	25.0	7.2			
6	8.6	3.3	24.5	5.7	0.35	2.60	
6	9.2	3.8	24.5	8.8			
7	4.1	2.0	26.3	6.8	0.60	1.81	
7	5.1	2.9	26.0	6.5			
8	2.6	1.8	27.5	5.7	0.95	10.86	
8	2.7	1.9	27.5	6.8			
9	12.8	2.8	27.0	6.8	0.55	1.62	
9	15.4	4.3	27.5	6.4			28.41
10	5.0	1.9	27.5	7.1	0.55		
10	4.5	2.7	27.5	7.1			
11	6.1	1.5	28.0	9.0	0.80	2.19	
11	5.9	2.2	28.0	5.9			
12	7.7	1.5	30.3		1.15	5.96	
12	12.0	2.7	30.3	9.8			
13	5.9	1.9	29.5	8.1	0.75	10.75	
13	6.5	2.1	29.5	6.2			
14	3.5	2.1	28.8	7.4	0.55	0.71	
14	4.6	3.4	28.8	6.0			
15	2.7	0.9	29.0	9.3	0.55	3.30	
15	2.8	1.0	29.0				
16	3.7	1.4	29.5	7.6	0.80	11.42	
16	3.6	1.8	29.5	8.1			30.68
17	6.9	1.7	30.3	8.8	1.60	34.65	
17	4.0	1.1	31.0	7.1			31.45
18	1.7	0.5	30.5	8.1	1.50	39.06	
18	2.4	0.8	30.5	8.0			31.34
19	1.9	0.6	31.0	8.3	1.85	38.29	
19	2.7	0.9	31.5	8.2			
20	1.9	0.4	31.0	8.6	2.00	45.38	
20	1.5	1.1	31.0	7.9			
21	1.6	0.9	31.5	7.2	1.75	44.04	
21	1.4	1.2	31.5	6.4			
22	3.3	1.5	33.0	11.0	1.00	23.93	
22	3.1	1.2	32.5	10.6			33.80
23	1.3	0.7	30.5	8.8	2.00	58.28	
23	1.5	0.5	31.5	4.4			
24	1.6	0.5	30.5	8.2	1.60	30.73	
24	4.8	2.6	31.8	7.2			31.42
25	2.3	2.5	30.0	8.3	1.85	52.73	
25	1.1	0.7	30.5	6.5			
26	1.9	0.7	30.8	7.9	1.50	46.77	
26	1.5	0.9	30.8	7.4			
27	2.0	0.9	30.0	8.2	1.70	34.99	

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

27	1.4	0.9	30.3	6.5			31.76
28	1.9	0.9	31.5	7.3	1.10	37.58	
28	2.3	1.1	31.5	7.1			
29	2.4	1.2	32.0	8.4	1.75	41.90	
29	1.3	1.1	33.5	4.9			32.91
30	1.9	1.1	31.5	8.1	1.90	19.99	
30	1.9	0.6	31.0	7.9			
31	2.0	0.3	31.0	8.2	1.80	35.35	
31	1.9	0.7	30.5	6.8			
32	2.0	0.6	30.0	7.8	1.30	16.53	
32	1.8	0.6	30.0	6.6			
33	1.7	0.7	30.5	8.4	1.70	34.65	
33	1.6	0.7	30.5	8.3			31.46
34	1.1	0.4	30.3	8.3	1.60	45.84	
34	1.7	0.7	30.0	7.7			
35							
35							

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
A	0.00	81287	1300	27.8500	97.4800	20.4	25.8
A	1.38	81287	1300	27.8500	97.4800	20.1	26.7
A	0.00	81287	1400	27.8500	97.4800	20.3	27.2
A	1.38	81287	1400	27.8500	97.4800	20.2	27.9
A	0.00	81287	1500	27.8500	97.4800	20.7	26.5
A	1.38	81287	1500	27.8500	97.4800	20.7	26.6
A	0.00	81287	1600	27.8500	97.4800	20.8	26.6
A	1.38	81287	1600	27.8500	97.4800	20.9	26.6
A	0.00	81287	1700	27.8500	97.4800	20.7	26.3
A	1.38	81287	1700	27.8500	97.4800	20.8	26.4
A	0.00	81287	1800	27.8500	97.4800	20.7	26.4
A	1.38	81287	1800	27.8500	97.4800	20.8	26.4
A	0.00	81287	1900	27.8500	97.4800	20.5	26.5
A	1.38	81287	1900	27.8500	97.4800	20.5	26.5
A	0.00	81287	2000	27.8500	97.4800	20.3	26.7
A	1.38	81287	2000	27.8500	97.4800	20.4	26.7
A	0.00	81287	2100	27.8500	97.4800	20.3	26.8
A	1.38	81287	2100	27.8500	97.4800	20.3	26.8
A	0.00	81287	2200	27.8500	97.4800	20.1	26.9
A	1.38	81287	2200	27.8500	97.4800	20.2	27.0
A	0.00	81287	2300	27.8500	97.4800	19.8	26.8
A	1.38	81287	2300	27.8500	97.4800	20.1	26.9
A	0.00	81287	2400	27.8500	97.4800	19.8	27.0
A	1.38	81287	2400	27.8500	97.4800	20.0	27.2
A	0.00	91287	100	27.8500	97.4800	19.7	27.1
A	1.38	91287	100	27.8500	97.4800	20.0	27.4
A	0.00	91287	200	27.8500	97.4800	19.7	27.2
A	1.38	91287	200	27.8500	97.4800	19.8	27.5
A	0.00	91287	300	27.8500	97.4800	19.6	27.2
A	1.38	91287	300	27.8500	97.4800	19.7	27.4
A	0.00	91287	400	27.8500	97.4800	19.4	27.4
A	1.38	91287	400	27.8500	97.4800	19.7	27.6
A	0.00	91287	500	27.8500	97.4800	19.4	27.3
A	1.38	91287	500	27.8500	97.4800	19.5	27.5
A	0.00	91287	600	27.8500	97.4800	19.2	27.4
A	1.38	91287	600	27.8500	97.4800	19.4	27.5
A	0.00	91287	700	27.8500	97.4800	18.7	27.6
A	1.38	91287	700	27.8500	97.4800	19.5	27.5
A	0.00	91287	800	27.8500	97.4800	19.1	27.5
A	1.38	91287	800	27.8500	97.4800	19.3	27.6

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
A	17.71	5.33	0.74	10.45	3.81	65.49
A	18.49	3.39	1.36	9.14	4.58	64.52
A	18.76	4.04	0.39	10.17	3.30	66.99
A	19.33	3.68	0.58	10.35	3.48	67.17
A	18.17	3.71	0.38	11.57	3.17	66.48
A	18.22	4.36	0.40	6.71	2.90	62.93
A	18.20	2.24	1.86	15.02	4.97	65.97
A	18.17	3.61	0.65	9.18	3.61	66.15
A	18.01	3.21	1.01	17.20	4.00	69.48
A	18.09	3.37	0.81	15.77	3.55	67.07
A	18.06	4.00	0.84	14.30	3.51	69.54
A	18.09	2.09	2.33	20.73	5.82	69.15
A	18.22	2.83	1.68	30.60	5.10	71.04
A	18.22	2.97	1.62	24.98	4.79	70.36
A	18.43	3.67	1.58	22.25	4.94	68.53
A	18.41	2.02	2.57	28.01	6.19	68.70
A	18.49	2.74	1.69	18.54	4.64	65.44
A	18.49	2.67	1.75	14.26	4.75	66.19
A	18.65	2.70	1.56	13.15	4.30	63.50
A	18.68	3.16	1.35	9.61	3.86	63.96
A	18.61	3.20	1.72	15.52	4.59	65.28
A	18.65	2.04	2.31	19.30	5.38	67.18
A	18.78	4.09	1.23	10.97	3.55	62.77
A	18.89	0.98	3.28	27.15	5.86	66.96
A	18.86	3.52	1.07	11.66	3.21	62.26
A	19.05	0.32	3.95	13.04	4.45	62.72
A	18.91	3.54	0.97	11.15	3.38	60.61
A	19.16	2.66	1.69	13.90	4.29	61.07
A	18.93	3.53	1.06	8.80	3.38	60.67
A	19.07	3.41	1.67	14.04	4.27	60.85
A	19.15	3.54	1.21	10.04	3.37	60.45
A	19.24	2.51	1.92	16.41	4.35	60.05
A	19.09	3.46	1.21	1.96	3.44	58.51
A	19.23	2.67	1.83	6.61	4.31	60.40
A	19.25	3.55	1.21	1.84	3.38	60.01
A	19.26	2.65	1.77	5.88	4.22	60.18
A	19.48	3.42	1.25	1.18	3.06	59.21
A	19.23	2.85	1.74	5.18	3.87	60.25
A	19.33	3.06	1.61	6.72	3.84	60.42
A	19.33	2.41	1.69	7.52	3.93	61.75

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
A	2.0	1.1		8.5	0.25	
A	3.4	12.8		8.6		
A	4.2	1.3		8.8	0.25	
A	4.0	1.3		8.3		
A	4.6	1.2		8.9	0.30	
A	5.4	1.8		8.5		
A	5.9	1.3		9.3	0.34	
A	2.2	1.0		8.6		
A	6.1	2.3		8.7	0.25	
A	6.5	2.8		8.1		
A	6.0	2.3	26.0	8.5		
A	6.3	2.6	26.0			
A	5.2	3.3	26.0			
A	6.1	2.6	26.0			
A	5.2	2.1	26.0	8.5		
A	6.3	3.6	26.0			
A	5.2	2.3	26.0			
A	5.4	2.2	26.0			
A	4.9	2.6	26.0	8.3		
A	4.4	1.6	26.0			
A	4.9	1.7	26.0	8.2		
A	6.1	6.8	26.0			
A	5.2	1.7	26.0	7.9		
A	6.7	5.5	26.0			
A	4.5	1.3	26.0	8.0		
A	4.9	2.0	26.0			
A	4.0	1.1	26.0	7.7		
A	6.7	3.9	26.0			
A	5.2	2.7	26.0	7.8		
A			26.0			
A	4.3	1.4	26.0	8.1		
A	5.4	4.3	26.0			
A	4.5	1.4	26.0	7.9		
A	5.3	3.6	26.0			
A	4.0	1.8	26.0			
A	4.4	2.3	26.0			
A	5.7	1.6	26.0	8.1		
A	5.9	1.6	26.0			
A	5.8	1.9	26.0	8.5	0.51	
A	5.5	2.2	26.0			

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
B	0.00	91287	1000	27.9100	97.4960	18.7	30.0
B	1.20	91287	1000	27.9100	97.4960	18.8	30.1
B	0.00	91287	1100	27.9100	97.4960	18.9	30.0
B	1.20	91287	1100	27.9100	97.4960	19.0	30.2
B	0.00	91287	1200	27.9100	97.4960	19.3	30.0
B	1.20	91287	1200	27.9100	97.4960	19.3	30.1
B	0.00	91287	1300	27.9100	97.4960	19.6	30.0
B	1.20	91287	1300	27.9100	97.4960	19.5	29.9
B	0.00	91287	1400	27.9100	97.4960	20.0	30.0
B	1.20	91287	1400	27.9100	97.4960	20.0	30.0
B	0.00	91287	1500	27.9100	97.4960	19.9	30.2
B	1.20	91287	1500	27.9100	97.4960	20.0	30.1
B	0.00	91287	1600	27.9100	97.4960	20.0	30.2
B	1.20	91287	1600	27.9100	97.4960	19.9	30.1
B	0.00	91287	1700	27.9100	97.4960	19.8	30.2
B	1.20	91287	1700	27.9100	97.4960	19.9	30.3
B	0.00	91287	1800	27.9100	97.4960	19.6	30.0
B	1.20	91287	1800	27.9100	97.4960	19.7	30.3
B	0.00	91287	1900	27.9100	97.4960	19.4	30.3
B	1.20	91287	1900	27.9100	97.4960	19.6	30.3
B	0.00	91287	2000	27.9100	97.4960	19.4	30.2
B	1.20	91287	2000	27.9100	97.4960	19.5	30.3
B	0.00	91287	2100	27.9100	97.4960	19.3	30.0
B	1.20	91287	2100	27.9100	97.4960	19.3	30.3
B	0.00	91287	2200	27.9100	97.4960	18.9	29.9
B	1.20	91287	2200	27.9100	97.4960	19.2	30.0
B	0.00	91287	2300	27.9100	97.4960	18.9	30.1
B	1.20	91287	2300	27.9100	97.4960	19.1	30.3
B	0.00	91287	2400	27.9100	97.4960	18.7	29.7
B	1.20	91287	2400	27.9100	97.4960	18.8	30.4
B	0.00	101287	100	27.9100	97.4960	18.7	30.3
B	1.20	101287	100	27.9100	97.4960	18.8	30.4
B	0.00	101287	200	27.9100	97.4960	18.6	30.3
B	1.20	101287	200	27.9100	97.4960	18.8	30.3
B	0.00	101287	300	27.9100	97.4960	18.5	30.3
B	1.20	101287	300	27.9100	97.4960	18.7	30.5
B	0.00	101287	400	27.9100	97.4960	18.5	30.3
B	1.20	101287	400	27.9100	97.4960	18.6	30.5
B	0.00	101287	500	27.9100	97.4960	18.5	30.2
B	1.20	101287	500	27.9100	97.4960	18.6	30.5
B	0.00	101287	600	27.9100	97.4960	18.5	30.3
B	1.20	101287	600	27.9100	97.4960	18.6	30.5
B	0.00	101287	700	27.9100	97.4960	18.4	30.2
B	1.20	101287	700	27.9100	97.4960	18.6	30.5
B	0.00	101287	800	27.9100	97.4960	18.3	30.3
B	1.20	101287	800	27.9100	97.4960	18.5	30.4

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
B	21.29	2.74	0.29	17.61	2.06	47.16
B	21.38	1.93	0.36	10.15	2.12	46.56
B	21.24	1.97	0.16	9.56	1.72	44.80
B	21.38	1.95	0.18	5.73	1.50	44.48
B	21.20	2.12	0.26	3.73	1.58	43.59
B	21.25	1.81	0.40	8.11	2.22	44.70
B	21.06	2.06	0.23	9.05	1.70	44.81
B	21.03	1.87	0.42	5.24	2.09	44.92
B	20.96	1.84	0.37	4.80	2.17	45.45
B	21.02	1.72	0.33	3.16	1.66	45.13
B	21.15	1.73	0.32	2.51	2.00	45.24
B	21.07	1.62	0.35	3.96	2.08	45.07
B	21.13	1.67	0.29	5.94	1.71	44.17
B	21.10	1.44	0.53	4.24	2.36	45.00
B	21.18	1.61	0.35	2.75	1.70	43.53
B	21.26	1.88	0.33	2.84	2.06	43.78
B	21.12	1.66	0.31	17.51	1.93	40.59
B	21.26	1.66	0.31	5.89	1.89	40.27
B	21.34	1.59	0.34	4.99	1.99	42.24
B	21.34	1.54	0.39	3.17	2.10	42.21
B	21.28	1.66	0.39	7.35	2.08	42.75
B	21.31	1.27	0.65	13.16	2.35	43.86
B	21.20	1.54	0.34	9.48	1.93	43.25
B	21.36	1.64	0.29	6.32	1.87	43.51
B	21.18	1.59	0.25	9.14	1.90	43.47
B	21.22	1.52	0.28	5.70	2.10	44.87
B	21.35	1.79	0.34	7.35	2.22	43.69
B	21.47	1.28	0.77	7.15	3.36	45.66
B	21.07	1.59	0.30	17.44	2.10	43.19
B	21.60	1.35	0.37	7.04	2.20	43.87
B	21.51	1.50	0.31	17.42	2.23	43.84
B	21.60	1.25	0.47	8.26	2.48	44.09
B	21.53	1.53	0.27	3.74	2.18	43.48
B	21.54	1.25	0.43	6.26	2.39	44.02
B	21.62	1.55	0.26	6.59	2.04	43.56
B	21.68	1.27	0.45	4.52	2.63	43.09
B	21.56	1.63	0.30	6.02	2.63	43.06
B	21.76	0.95	0.77	17.38	3.30	44.46
B	21.50	1.51	0.30	6.85	2.33	43.28
B	21.76	1.29	0.51	6.27	2.49	43.53
B	21.62	1.35	0.29	6.95	2.44	43.78
B	21.70	1.31	0.33	9.36	2.39	43.46
B	21.53	1.53	0.28	7.61	2.05	44.00
B	21.70	1.17	0.63	5.08	2.80	43.68
B	21.61	1.41	0.23	5.99	2.18	44.22
B	21.67	1.40	0.24	5.76	2.09	44.47

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
B	4.0	1.9	30.0		0.25	
B	4.5	2.2	30.0			
B	2.3	1.1			0.40	
B	2.9	1.0				
B	4.4	1.8			0.43	
B	5.4	2.6				
B	4.8	1.5		9.2	0.71	
B	5.5	1.9		8.9		
B	5.9	1.5		9.5	0.57	
B	6.0	1.7				
B	5.6	1.5		8.0	0.55	
B	5.3	1.4		8.7		
B	6.0	1.9	29.9		0.40	
B	6.0	1.5	29.9			
B	5.1	1.5	29.9	8.8		
B	5.1	1.6	29.9			
B	3.5	1.2	30.0	8.5		
B	4.3	1.5	30.0			
B	4.4	1.7	30.0	9.1		
B	4.7	1.7	30.0	8.4		
B	4.3	1.8	30.0	9.1		
B	4.8	1.8	30.0			
B	3.8	1.4	30.0	9.1		
B	3.7	1.1	30.0			
B	3.1	1.4	30.0	8.8		
B	3.4	1.3	30.0	9.0		
B	3.1	1.2	30.0	9.0		
B	4.2	2.1	30.0			
B	2.7	1.1	30.0	9.0		
B	3.0	1.1	30.0			
B	2.5	1.0	30.0	8.6		
B	3.4	2.4	30.0			
B	2.2	1.2	30.0			
B	2.7	1.8	30.0			
B	2.4	0.8	30.0	8.8		
B	2.8	1.8	30.0			
B	2.2	1.2	30.0	8.4		
B	3.9	2.6	30.0			
B	2.2	1.1	30.0	8.5		
B	2.9	1.9	30.0			
B	2.3	0.8	30.0			
B	2.5	0.9	30.0			
B	2.3	0.8	30.0	8.7		
B	2.9	1.6	30.0			
B	2.0	1.1	30.0	8.4		
B	2.3	0.8	30.0			

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
C	0.00	71287	1100	27.8150	97.3590	18.6	31.1
C	4.31	71287	1100	27.8150	97.3590	18.4	31.4
C	0.00	71287	1200	27.8150	97.3590	18.7	31.1
C	4.31	71287	1200	27.8150	97.3590	18.4	31.3
C	0.00	71287	1300	27.8150	97.3590	19.0	31.0
C	4.31	71287	1300	27.8150	97.3590	18.4	31.1
C	0.00	71287	1400	27.8150	97.3590	19.7	31.0
C	4.31	71287	1400	27.8150	97.3590	18.5	31.2
C	0.00	71287	1500	27.8150	97.3590	19.5	31.1
C	4.31	71287	1500	27.8150	97.3590	18.5	31.3
C	0.00	71287	1600	27.8150	97.3590	19.3	31.1
C	4.31	71287	1600	27.8150	97.3590	18.5	31.4
C	0.00	71287	1700	27.8150	97.3590	19.2	31.1
C	4.31	71287	1700	27.8150	97.3590	18.4	31.3
C	0.00	71287	1800	27.8150	97.3590	19.1	30.9
C	4.31	71287	1800	27.8150	97.3590	18.4	31.4
C	0.00	71287	1900	27.8150	97.3590	18.8	31.1
C	4.31	71287	1900	27.8150	97.3590	18.5	31.4
C	0.00	71287	2000	27.8150	97.3590	18.7	31.3
C	4.31	71287	2000	27.8150	97.3590	18.4	31.5
C	0.00	71287	2100	27.8150	97.3590	18.7	31.3
C	4.31	71287	2100	27.8150	97.3590	18.6	31.4
C	0.00	71287	2200	27.8150	97.3590	18.6	31.4
C	4.31	71287	2200	27.8150	97.3590	18.6	31.5
C	0.00	71287	2300	27.8150	97.3590	18.5	31.3
C	4.31	71287	2300	27.8150	97.3590	18.3	31.6
C	0.00	71287	2400	27.8150	97.3590	18.4	31.1
C	4.31	71287	2400	27.8150	97.3590	18.5	31.5
C	0.00	81287	100	27.8150	97.3590	18.5	31.2
C	4.31	81287	100	27.8150	97.3590	18.5	31.4
C	0.00	81287	200	27.8150	97.3590	18.4	31.2
C	4.31	81287	200	27.8150	97.3590	18.5	31.4
C	0.00	81287	300	27.8150	97.3590	18.3	32.9
C	4.31	81287	300	27.8150	97.3590	18.5	31.4
C	0.00	81287	400	27.8150	97.3590	18.3	31.1
C	4.31	81287	400	27.8150	97.3590	18.4	31.4
C	0.00	81287	500	27.8150	97.3590	18.3	31.3
C	4.31	81287	500	27.8150	97.3590	18.4	31.4
C	0.00	81287	600	27.8150	97.3590	18.3	31.3
C	4.31	81287	600	27.8150	97.3590	18.3	31.6
C	0.00	81287	700	27.8150	97.3590	18.1	31.1
C	4.31	81287	700	27.8150	97.3590	18.3	31.6
C	0.00	81287	800	27.8150	97.3590	18.1	31.3
C	4.31	81287	800	27.8150	97.3590	18.4	31.4
C	0.00	81287	900	27.8150	97.3590	18.1	31.4
C	4.31	81287	900	27.8150	97.3590	18.4	31.5
C	0.00	81287	1000	27.8150	97.3590	18.3	31.4
C	4.31	81287	1000	27.8150	97.3590	18.4	31.5

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
C	22.20	3.27	0.37	3.63	1.13	27.73
C	22.42	1.34	1.09	4.05	1.75	28.18
C	22.12	1.86	0.29	1.86	0.97	27.71
C	22.36	1.78	0.37	2.16	1.10	28.16
C	21.99	1.88	0.36	1.81	0.96	27.92
C	22.25	1.32	0.64	2.08	1.30	28.14
C	21.81	1.61	0.35	1.38	0.96	28.59
C	22.28	1.52	0.36	1.40	0.95	27.90
C	21.97	1.55	0.32	1.80	1.68	28.12
C	22.34	1.55	0.41	3.36	1.62	27.42
C	22.02	1.79	0.18	2.19	1.07	27.87
C	22.39	1.79	0.17	2.17	1.09	27.86
C	21.99	1.63	0.33	2.03	1.00	28.08
C	22.36	1.34	0.44	1.60	1.18	27.38
C	21.91	1.43	0.35	1.36	1.05	28.06
C	22.47	1.43	0.34	1.64	1.15	27.83
C	22.15	1.44	0.34	1.53	0.94	27.13
C	22.39	1.12	0.57	1.66	1.27	27.81
C	22.29	1.30	0.29	0.94	0.90	27.80
C	22.53	1.15	0.34	1.93	1.00	27.79
C	22.29	1.17	0.23	1.03	1.06	27.78
C	22.42	0.99	0.32	1.25	1.02	27.54
C	22.37	0.96	0.26	0.74	0.99	27.08
C	22.48	0.90	0.31	0.80	1.03	27.53
C	22.34	0.91	0.31	1.19	1.00	26.14
C	22.61	0.92	0.30	1.09	0.94	27.05
C	22.25	0.87	0.26	1.03	0.93	27.27
C	22.50	0.74	1.04	2.64	1.66	27.72
C	22.28	0.83	0.29	0.81	1.06	26.79
C	22.45	0.97	0.34	0.65	1.14	26.55
C	22.30	0.79	0.33	0.42	1.11	26.32
C	22.45	0.87	0.44	1.07	1.21	26.54
C	23.61	0.91	0.30	0.45	1.16	25.84
C	22.45	0.67	0.74	1.95	1.53	26.75
C	22.27	0.83	0.29	0.67	1.18	25.82
C	22.47	0.90	0.31	0.74	1.06	26.04
C	22.38	0.77	0.36	0.75	1.07	25.35
C	22.47	0.77	0.35	1.01	1.20	26.03
C	22.38	0.72	0.31	0.24	1.16	26.02
C	22.61	0.57	0.64	1.48	1.52	27.61
C	22.32	0.68	0.35	0.86	1.30	25.77
C	22.61	0.68	0.35	1.04	1.13	25.76
C	22.43	2.40	0.31	0.75	1.24	25.75
C	22.42	1.02	0.29	0.64	1.25	25.74
C	22.54	0.82	0.30	1.28	1.12	26.42
C	22.53	0.59	0.53	1.55	1.45	27.56
C	22.50	0.68	0.25	0.78	1.33	27.09
C	22.53	0.62	0.31	1.23	1.32	26.85

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
C	2.7	1.6		8.9	1.00	
C	4.8	2.4		8.6		
C	3.5	1.0		9.3	0.80	
C	4.0	1.1		8.5		
C	2.6	0.6		8.9	0.90	
C	4.2	1.0		9.2		
C	2.5	0.9		9.6	0.83	
C	3.1	0.7		9.5		
C	2.4	0.7		9.6	0.83	
C	4.7	1.5		8.8		
C	2.8	0.6		9.6	0.82	
C	2.9	0.5		8.7		
C	2.6	0.5		10.1	0.89	
C	4.0	1.0		9.5		
C	2.5	0.9		9.8		
C	4.0	0.7		9.2		
C	2.5	0.6		9.7		
C	3.7	1.2		9.6		
C	2.3	0.8		9.0		
C	4.0	0.9		8.8		
C	2.4	0.7		9.1		
C	2.8	0.7		9.0		
C	2.0	0.7		9.0		
C	2.3	1.0		8.7		
C	2.3	0.7		9.1		
C	2.5	0.7		8.3		
C	2.2	0.6		9.3		
C	4.2	3.1		8.6		
C	2.3	0.5		8.9		
C	2.9	1.1		8.6		
C	2.3	0.9		9.0		
C	2.8	1.4		8.6		
C	2.0	0.7		9.0		
C	2.8	1.3		8.6		
C	2.1	0.6		9.0		
C	2.2	0.7		8.9		
C	2.0	0.8		9.0		
C	2.2	0.5		8.7		
C	2.1	0.6		8.9		
C	2.7	1.1		8.2		
C	1.9	0.8		9.6		
C	1.7	0.6		8.7		
C	1.9	0.8		8.8		
C	1.9	1.0		8.6		
C	2.0	0.7		9.2	1.34	
C	3.0	0.9		8.7		
C	1.8	0.7		9.6		
C	1.8	0.6		9.3		

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
D	0.00	101287	1100	27.7070	97.1910	18.5	31.6
D	3.00	101287	1100	27.7070	97.1910	18.7	31.6
D	0.00	101287	1200	27.7070	97.1910	18.7	31.6
D	3.00	101287	1200	27.7070	97.1910	18.6	31.7
D	0.00	101287	1300	27.7070	97.1910	18.6	31.5
D	3.00	101287	1300	27.7070	97.1910	18.7	31.6
D	0.00	101287	1400	27.7070	97.1910	18.8	31.6
D	3.00	101287	1400	27.7070	97.1910	18.7	31.7
D	0.00	101287	1500	27.7070	97.1910	18.9	31.6
D	3.00	101287	1500	27.7070	97.1910	18.8	31.6
D	0.00	101287	1600	27.7070	97.1910	18.9	31.6
D	3.00	101287	1600	27.7070	97.1910	18.9	31.6
D	0.00	101287	1700	27.7070	97.1910	19.0	31.7
D	3.00	101287	1700	27.7070	97.1910	18.9	31.6
D	0.00	101287	1800	27.7070	97.1910	18.8	31.6
D	3.00	101287	1800	27.7070	97.1910	18.8	31.6
D	0.00	101287	1900	27.7070	97.1910	18.8	31.6
D	3.00	101287	1900	27.7070	97.1910	18.8	31.7
D	0.00	101287	2000	27.7070	97.1910	18.7	31.6
D	3.00	101287	2000	27.7070	97.1910	18.8	31.7

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
D	22.61	2.30	0.08	11.04	1.14	33.30
D	22.56	1.98	0.07	9.46	1.77	31.16
D	22.56	1.80	0.17	10.97	0.74	30.46
D	22.64	1.48	0.24	7.26	0.76	32.33
D	22.48	1.67	0.13	16.24	0.61	30.48
D	22.56	1.66	0.15	15.16	0.83	31.21
D	22.54	1.72	0.12	20.19	0.59	30.79
D	22.62	1.70	0.18	15.51	0.91	30.66
D	22.51	1.81	0.07	9.99	0.94	30.53
D	22.54	1.06	0.83	10.13	0.91	30.97
D	22.51	1.57	0.28	9.10	0.74	31.13
D	22.51	1.41	0.39	6.12	1.10	32.43
D	22.54	1.47	0.33	6.10	0.83	31.73
D	22.51	1.03	0.77	4.37	0.78	31.88
D	22.54	1.16	0.76	10.86	1.00	32.04
D	22.54	1.52	0.36	8.51	1.30	33.34
D	22.54	1.51	0.29	7.10	0.91	33.49
D	22.59	1.53	0.28	11.48	1.14	33.08
D	22.56	1.54	0.26	10.14	0.89	33.23
D	22.59	1.42	0.30	13.84	1.10	31.67

NUECES/CORPUS CHRISTI BAY (NIPS-II) DEC 1987

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
D	1.9	0.7			1.13	
D	2.3	1.1				
D	1.9	0.8		8.8	1.30	
D	3.4	1.3		8.9		
D	2.4	0.2		9.0	1.43	
D	3.1	0.1		8.8		
D	2.1	0.7		8.9	1.36	
D	2.1	0.8				
D	2.0	0.6		8.9	1.54	
D	2.4	0.8				
D	1.8	0.6		8.9	1.25	
D	2.3	1.3				
D	1.7	0.7		8.9	1.25	
D	1.9	1.0				
D	1.9	0.8				
D	2.0	1.2				
D	2.2	0.6		8.6		
D	2.0	0.9				
D	2.0	0.7				
D	2.7	1.3				

NUECES/CORPUS CHRISTI BAY (NIPS-II) JAN 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	210188	1452	27.8670	97.5200	13.0	19.9
1	1.00	210188	1452	27.8670	97.5200	13.0	19.3
2	0.00	210188	1500	27.8620	97.5250	12.8	19.6
2	0.85	210188	1500	27.8620	97.5250	12.5	19.3
3	0.00	210188	1508	27.8760	97.5070	12.5	22.0
3	1.00	210188	1508	27.8760	97.5070	12.8	22.0
4	0.00	210188	1417	27.8470	97.5010	13.3	23.4
4	0.95	210188	1417	27.8470	97.5010	12.5	27.3
4A	0.00	210188		27.8480	97.5440		
4A	1.00	210188		27.8480	97.5440		
5	0.00	210188	1536	27.8600	97.4950	13.7	16.9
5	1.50	210188	1536	27.0600	97.4950	11.5	20.6
6	0.00	210188	1400	27.8350	97.4900	13.0	26.2
6	1.00	210188	1400	27.8350	97.4900	12.5	26.9
7	0.00	210188	1348	27.8500	97.4800	11.5	28.4
7	1.20	210188	1348	27.8500	97.4800	11.5	28.7
8	0.00	210188	1337	27.8600	97.4610	13.0	30.2
8	0.95	210188	1337	27.8600	97.4610	13.0	29.8
9	0.00	210188	1328	27.8420	97.4550	13.3	26.6
9	1.35	210188	1328	27.8420	97.4550	12.0	24.1
10	0.00	210188	1253	27.8610	97.4250	12.6	30.5
10	1.30	210188	1253	27.8610	97.4250	11.8	30.5
11	0.00	210188	1384	27.8500	97.4250	13.5	30.5
11	1.30	210188	1384	27.8500	97.4250	12.0	31.3
12	0.00	210188	1212	27.8310	97.4230	12.5	28.7
12	1.15	210188	1212	27.8310	97.4230	13.5	32.0
13	0.00	210188	1633	27.9100	97.4960	13.0	33.1
13	1.00	210188	1633	27.9100	97.4960	13.0	33.1
14	0.00	210188	1234	27.8760	97.4020	12.5	32.0
14	1.40	210188	1234	27.8650	97.4020	11.4	32.4
15	0.00	210188	1217	27.8520	97.3710	11.5	
15	0.55	210188	1217	27.8520	97.3710	11.5	22.0
16	0.00	210188	1644	27.8380	97.3760	12.5	33.1
16	5.54	210188	1644	27.8380	97.3760	12.3	33.1
17	0.00	210188	1721	27.8120	97.3880	11.8	
17		210188	1721	27.8120	97.3880	11.5	32.7
18	0.00	210188	1152	27.8570	97.3350	11.5	32.7
18	2.77	210188	1152	27.8570	97.3550	11.5	32.7
19	0.00	210188	1701	27.8150	97.3590	11.8	33.1
19	3.69	210188	1701	27.8150	97.3590	11.5	33.5
20	0.00	210188	1756	27.7900	97.3730	11.5	33.1
20		210188	1756	27.7900	97.3730	11.5	32.7
21	0.00	210188	1834	27.7440	97.3710	12.0	34.2
21	3.08	210188	1834	27.7440	97.3710	11.8	34.2
22	0.00	210188	1907	27.7140	97.3140	12.0	33.8
22	2.15	210188	1907	27.7140	97.3140	12.5	34.6
23	0.00	210188	1817	27.7760	97.3170	11.5	22.0
23	4.00	210188	1817	27.7760	97.3170	11.5	32.8
24	0.00	210188	1056	27.8110	97.2640	11.0	32.7
24	16.00	210188	1056	27.8110	97.2640	11.0	32.8
25	0.00	210188	1112	27.8280	97.2570	11.5	24.1
25	3.38	210188	1112	27.8280	97.2570	11.0	24.5
26	0.00	210188	1034	27.8200	97.1980	11.4	31.3
26	14.46	210188	1034	27.8200	97.1980	11.3	33.1

NUECES/CORPUS CHRISTI BAY (NIPS-II) JAN 1988

27	0.00	210188	2214	27.7510	97.2210	11.5	33.8
27	4.00	210188	2214	27.7510	97.2210	11.5	33.8
28	0.00	210188	1927	27.6860	97.2510	12.0	33.5
28	2.30	210188	1927	27.6860	97.2510	12.0	33.5
29	0.00	210188	2103	27.6330	97.2390	12.4	34.2
29	6.15	210188	2103	27.6330	97.2390	12.5	33.8
30	0.00	210188	2140	27.6910	97.2170	11.5	33.5
30	2.15	210188	2140	27.6910	97.2170	11.5	33.8
31	0.00	210188	2153	27.7070	97.1910	11.3	33.8
31	3.08	210188	2153	27.7070	97.1910	11.5	33.8
32	0.00	210188	2252	27.8100	97.1480	11.0	19.3
32	1.54	210188	2252	27.8100	97.1480	11.5	22.0
33	0.00	210188		27.6840	97.1540	11.0	30.9
33	16.90	210188		27.6840	97.1540	11.0	27.3
34	0.00	210188	1136	27.8480	97.2790	11.5	20.3
34	3.38	210188	1136	27.8480	97.2790	11.5	24.5
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NUECES/CORPUS CHRISTI BAY (NIPS-II) JAN 1988

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
1	14.83	3.56	0.51	6.07	2.41	20.11
1	14.30	8.34	0.78	6.85	2.47	20.10
2	14.61	1.52	0.33	6.26	2.09	23.88
2	14.38	1.31	0.54	4.69	2.29	25.93
3	16.51	1.48	0.25	4.59	2.04	24.94
3	16.46	1.00	1.10	10.27	3.20	28.07
4	17.45	1.80	3.69	42.11	7.28	124.66
4	20.58	1.74	1.34	10.66	3.73	31.40
4A						
4A						
5	12.36	1.51	0.65	8.60	2.56	25.97
5	15.60	1.07	1.02	7.88	22.86	22.16
6	19.67	1.19	0.66	7.43	2.51	23.99
6	20.31	0.94	1.22	8.40	2.95	20.07
7	21.59	1.48	0.37	7.52	1.88	14.53
7	21.87	1.15	0.76	7.81	1.87	12.46
8	22.71	1.13	0.84	5.56	1.80	7.78
8	22.43	1.12	1.04	9.28	2.03	7.77
9	19.89	1.41	0.63	7.81	2.30	24.77
9	18.21	0.41	2.25	16.17	3.87	18.26
10	23.07	1.46	0.64	8.00	1.32	4.36
10	23.23	1.14	1.33	8.78	2.07	3.05
11	22.89	1.39	1.02	7.41	1.81	6.29
11	23.74	0.63	2.08	12.41	3.60	6.28
12	21.69	1.26	1.20	9.07	2.47	16.02
12	24.02	1.22	2.24		3.62	8.96
13	24.97	5.49	1.54	8.88	2.13	14.91
13	24.97	6.48	1.72	7.41	2.32	15.98
14	24.21	3.03	0.67	2.08	1.32	4.26
14	24.70	1.36	2.03	9.52	3.08	5.87
15		2.12	0.35	5.79	0.97	3.90
15	16.67	2.02	0.38	6.42	0.84	3.78
16	25.07	1.33	1.69	10.43	2.61	5.07
16	25.11	1.53	1.43	8.28	2.12	5.06
17		3.03	0.54	4.07	1.43	7.43
17	24.97	3.96	0.97	10.45	2.06	9.37
18	24.97	3.32	0.38	6.02	0.78	4.15
18	24.97	2.30	0.41	6.61	0.85	3.92
19	25.20	2.05	0.42	4.16	0.99	4.55
19	25.54	1.95	0.51	3.82	1.04	4.97
20	25.25	1.86	0.61	4.55	1.20	4.20
20	24.97	1.86	0.73	6.11	1.33	4.41
21	26.02	2.00	0.53	8.31	1.16	3.31
21	26.07	1.98	0.68	6.50	1.27	3.27
22	25.73	2.07	0.52	8.56	1.22	3.71
22	26.21	2.09	0.62	8.52	1.33	3.81
23	16.67	2.02	0.75	8.26	1.20	3.90
23	25.00	1.90	1.00	7.73	1.61	4.11
24	25.06	2.15	0.38	4.34	0.78	3.77
24	25.09	2.09	0.56	3.12	0.98	4.08
25	18.29	2.30	0.23	1.16	0.60	2.66
25	18.64	2.26	0.26	2.24	0.71	2.64
26	23.85	2.29	0.30	2.08	0.89	3.71
26	25.29	2.09	0.68	7.27	1.37	3.70
27	25.83	1.90	0.75	6.58	1.10	2.93

NUECES/CORPUS CHRISTI BAY (NIPS-II) JAN 1988

27	25.83	1.65	1.06	6.58	1.48	3.13
28	25.45	2.14	0.33	2.86	1.10	1.27
28	25.45	2.08	0.38	1.94	1.19	1.48
29	25.94	2.22	0.18	4.52	0.60	4.72
29	25.64	2.14	0.26	5.17	0.56	4.70
30	25.54	2.14	0.33	2.95	0.62	0.68
30	25.83	2.13	0.33	4.58	0.81	0.66
31	25.87	2.03	0.50	5.79	0.66	2.49
31	25.83	1.91	0.62	4.81	1.05	2.48
32	14.62	2.21	0.31	4.02	0.87	4.09
32	16.67	2.02	0.51	4.94	1.10	4.41
33	23.64	2.17	0.35	5.53	0.92	3.52
33	20.84	1.78	0.99	7.64	1.53	3.94
34	15.34	2.23	0.23	5.16	0.77	3.28
34	18.56	2.18	0.29	5.10	0.81	3.59
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NUECES/CORPUS CHRISTI BAY (NIPS-II) JAN 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS	SAL-B
1	5.9	2.8	23.0	4.6	0.70		25.03
1	7.7	2.2	23.0	4.2			
2	7.4	3.1	23.0	3.7	0.70		
2	7.8	3.2	23.0	4.5			
3	5.7	1.7	23.0	4.8	0.75		25.06
3	8.4	9.4	23.0	4.6			
4	13.9	4.4	20.0	5.5	0.55		
4	33.1	12.4	21.0	6.5			
4A	20.7	12.1					
4A							
5	8.9	2.2	22.0	6.0	0.60		
5	10.0	3.4	22.3	4.6			
6	15.4	5.6	22.3	4.8	0.60		24.59
6	16.8	6.7	23.8	4.5			
7	4.1	1.2	24.0	4.1	0.90		
7	8.1	3.4	24.5	5.1			
8	9.4	3.2	25.3	3.6	0.70		28.06
8	10.4	4.1	25.3	4.3			
9	9.2	2.7	21.8	5.5	0.60		
9	28.0	7.1	24.3	3.0			
10	1.5	1.2	28.3	4.9	0.60		28.45
10	17.2	23.7	28.5	3.9			
11	11.5	3.1	28.8	4.7	0.50		
11	17.8	5.8	28.8	4.4			
12	12.1	3.0	24.8	8.2	0.45		26.26
12	23.2	7.5	29.0	5.6			
13	21.5	4.1	28.5	5.7	0.50		30.79
13	22.5	5.6	28.5	5.5			
14	1.5	0.9	29.0	4.9	0.70		
14	13.9	4.4	29.0	3.4			
15	2.5	0.8	29.0	7.0	0.55		30.58
15	2.9	1.8	29.0	5.5			
16	8.0	13.8	28.0	5.2	0.20		
16	7.5	3.6	28.0	5.4			
17	8.5	3.0	28.3	5.3	1.00		
17	7.1	2.9	28.0	5.3			
18	4.2	2.1	29.0	7.0	1.15		
18	5.2	0.6	29.3	4.2			
19	7.4	1.5	27.8	5.5	1.00		30.70
19	7.6	1.4	27.8	5.4			
20	6.4	1.7	28.0	7.3	0.60		30.73
20	7.6	0.7	28.3	5.9			
21	6.5	1.9	28.3	7.0			31.00
21	6.9	2.2	28.3	4.7			
22	4.6	1.6	28.3	6.0			
22	4.0	0.9	28.3	5.7			
23	8.1	2.3	28.0	5.6			
23	7.7	2.2	28.3	5.4			
24	4.1	0.5	28.8	6.5	0.95		30.18
24	4.4	1.2	29.0	4.7			
25	3.2	0.8	29.5	4.2	1.60		
25	3.2	1.0	29.0	5.3			
26	5.8	1.3	30.0	5.2	1.10		
26	4.9	2.9	29.3	4.6			

NUECES/CORPUS CHRISTI BAY (NIPS-II) JAN 1988

27	7.1	1.7	28.0	5.6		
27	7.6	1.7	28.5	3.9		
28	8.1	1.9	27.0	5.9		
28	7.6	2.1	28.0	5.1		
29	3.1	2.2	28.3	5.5		31.16
29	4.6	1.4	28.0	5.1		
30	3.5	2.1	28.0	6.1		
30	4.1	1.7	28.3	5.1		
31	7.0	1.9	28.0	4.6		30.83
31	7.4	1.1	28.5	4.9		
32	3.1	1.2	27.8	5.2		30.27
32	3.7	1.9	27.8	5.2		
33	2.3	1.0	28.0	7.3	0.80	
33	6.6	1.8	29.5	5.0		
34	4.4	0.5	28.5	5.7	1.30	30.18
34	4.6	0.5	28.8	5.6		
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NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	160288	1139	27.8670	97.5200	15.1	26.6
1	0.70	160288	1139	27.8670	97.5200	15.0	26.6
2	0.00	160288	1202	27.8620	97.5250	15.1	25.7
2	0.60	160288	1202	27.8620	97.5250	15.1	25.7
3	0.00	160288	1240	27.8760	97.5070	16.0	26.6
3	0.80	160288	1240	27.8760	97.5070	15.9	26.6
4	0.00	160288	1723	27.8470	97.5010	17.3	
4	0.50	160288	1723	27.8470	97.5010	17.3	
4A	0.00	160288	1744	27.8480	97.5440	17.4	
4A	1.00	160288	1744	27.8480	97.5440		
5	0.00	160288	1317	27.8600	97.4950	16.1	26.4
5	0.75	160288	1317	27.0600	97.4950	16.1	26.9
6	0.00	160288	1426	27.8350	97.4900	15.7	27.3
6	0.80	160288	1426	27.8350	97.4900	15.7	27.5
7	0.00	160288	1411	27.8500	97.4800	15.8	26.2
7	1.00	160288	1411	27.8500	97.4800	15.7	26.1
8	0.00	160288	1441	27.8600	97.4610	15.5	30.2
8	0.90	160288	1441	27.8600	97.4610	15.4	30.4
9	0.00	160288	1649	27.8420	97.4550	15.9	32.2
9	1.00	160288	1649	27.8420	97.4550	16.5	32.4
10	0.00	160288	1518	27.8610	97.4250	15.9	31.1
10	0.90	160288	1518	27.8610	97.4250	15.9	31.4
11	0.00	160288	1542	27.8500	97.4250	15.8	31.6
11	1.00	160288	1542	27.8500	97.4250	15.8	31.9
12	0.00	160288	1554	27.8310	97.4230	18.9	32.1
12	0.95	160288	1554	27.8310	97.4230	18.9	32.0
13	0.00	160288	1608	27.9100	97.4960	15.5	31.5
13	1.50	160288	1608	27.9100	97.4960	15.5	32.0
14				27.8760	97.4020		
14				27.8650	97.4020		
15				27.8520	97.3710		
15				27.8520	97.3710		
16	0.00	160288	1050	27.8380	97.3760	13.6	30.9
16	6.15	160288	1050	27.8380	97.3760	13.8	32.0
17	0.00	170288	1524	27.8120	97.3880	14.6	32.7
17	16.31	170288	1524	27.8120	97.3880	12.9	32.9
18	0.00	170288	1406	27.8570	97.3350	15.0	32.8
18	3.08	170288	1406	27.8570	97.3550	14.4	32.8
19	0.00	170288	1427	27.8150	97.3590	13.9	32.9
19	4.00	170288	1427	27.8150	97.3590	13.9	32.9
20	0.00	170288	1442	27.7900	97.3730	14.1	32.5
20	4.00	170288	1442	27.7900	97.3730	14.1	32.7
21	0.00	170288	1500	27.7440	97.3710	14.5	32.7
21	3.38	170288	1500	27.7440	97.3710	14.5	32.7
22	0.00	170288	1232	27.7140	97.3140	16.6	32.7
22	1.40	170288	1232	27.7140	97.3140	16.6	32.8
23	0.00	170288	1257	27.7760	97.3170	13.5	32.7
23	3.08	170288	1257	27.7760	97.3170	13.2	32.9
24	0.00	170288	1316	27.8110	97.2640	13.5	32.0
24	15.38	170288	1316	27.8110	97.2640	13.2	32.9
25	0.00	170288	1330	27.8280	97.2570	13.8	32.0
25	2.46	170288	1330	27.8280	97.2570	13.2	32.7
26	0.00	170288	935	27.8200	97.1980	13.4	31.9
26	13.85	170288	935	27.8200	97.1980	13.0	32.7

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

27	0.00	170288	1002	27.7510	97.2210	13.3	32.6
27	4.00	170288	1002	27.7510	97.2210	13.1	32.7
28	0.00	170288	1209	27.6860	97.2510	16.8	33.3
28		170288	1209	27.6860	97.2510	16.8	33.4
29	0.00	170288	1110	27.6330	97.2390	16.3	32.9
29		170288	1110	27.6330	97.2390	16.2	32.9
30	0.00	170288	1041	27.6910	97.2170	13.6	32.4
30	2.20	170288	1041	27.6910	97.2170	13.5	32.4
31	0.00	170288	1024	27.7070	97.1910	13.4	32.2
31	3.08	170288	1024	27.7070	97.1910	13.4	32.6
32	0.00	170288	903	27.8100	97.1480	13.3	31.9
32	2.46	170288	903	27.8100	97.1480	13.3	32.0
33	0.00	170288	913	27.6840	97.1540	13.2	31.9
33	14.30	170288	913	27.6840	97.1540	13.1	32.1
34	0.00	170288	1351	27.8480	97.2790	13.9	32.1
34	3.69	170288	1351	27.8480	97.2790	13.5	32.6
35				27.8750	97.3480		
35				27.8750	97.3480		

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
1	19.53	18.24	3.10	3.59	9.62	56.18
1	19.55	8.61	2.79	2.85	9.44	55.62
2	18.88	6.74	1.97	2.81	17.17	58.91
2	18.88	4.96	3.28	3.49	9.59	57.84
3	19.34	1.47	3.39	3.06	9.91	54.98
3	19.36	0.87	2.14	2.02	9.43	54.93
4		2.33	2.05	1.63	7.61	60.01
4		2.39	2.09	1.72	7.39	58.68
4A		9.92	3.18	6.82	10.49	126.53
4A		11.84	3.59	6.68	14.30	124.18
5	19.15	5.68	2.87	6.70	10.34	55.99
5	19.59	2.86	4.12	8.63	12.85	51.59
6	19.95	4.28	2.81	2.39	7.41	45.14
6	20.11	4.65	2.96	2.39	7.36	44.32
7	19.05	4.24	2.63	2.38	7.39	53.24
7	19.02	4.40	3.13	2.91	8.18	54.22
8	22.20	9.70	2.67	2.77	6.27	30.10
8	22.39	11.69	3.16	3.15	6.89	28.77
9	23.62	23.12	2.72	3.35	6.12	13.86
9	23.65	25.68	2.63	3.34	6.07	13.56
10	22.78	13.05	2.67	1.88	5.21	23.51
10	23.00	10.50	2.67	1.97	5.58	23.72
11	23.25	16.81	2.88	2.17	5.15	18.30
11	23.42	18.34	3.40	2.71	6.06	19.53
12	22.85	28.66	1.98	2.94	5.08	13.08
12	22.79	30.36	2.06	2.88	5.11	13.04
13	23.20	13.32	1.48	0.83	2.78	15.55
13	23.60	8.80	1.78	1.22	3.49	15.51
14						
14						
15						
15						
16	23.15	6.98	0.77	0.77	2.13	12.64
16	23.96	5.43	0.89	0.89	2.16	12.86
17	24.35	16.06	0.86	4.08	3.31	7.64
17	24.82	16.49	1.17	10.30	4.03	9.55
18	24.32	6.12	0.79	2.95	3.23	5.13
18	24.45	3.79	0.78	3.17	3.01	5.10
19	24.61	2.82	0.76	2.90	3.18	6.28
19	24.61	1.99	1.10	4.30	3.22	6.73
20	24.25	2.03	0.81	2.81	3.26	4.99
20	24.46	1.70	1.02	3.58	3.55	4.95
21	24.32	2.09	0.38	1.73	2.20	4.91
21	24.32	2.08	0.39	2.04	2.54	4.88
22	23.85	1.75	0.85	5.18	3.63	2.41
22	23.94	2.40	0.32	4.16	2.87	4.56
23	24.58	2.00	0.59	2.13	2.66	5.26
23	24.76	1.61	0.86	2.94	3.12	5.46
24	24.02	1.78	0.69	2.09	2.74	4.70
24	24.76	1.30	1.29	4.23	3.45	5.88
25	23.96	1.64	0.83	2.54	2.40	4.62
25	24.59	1.71	0.76	2.52	1.60	4.59
26	23.93	2.04	0.43	1.66	0.80	4.06
26	24.63	1.37	1.34	6.22	3.27	5.24

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

27	24.51	1.72	0.75	1.87	1.59	4.48
27	24.61	1.73	0.74	2.09	1.29	4.44
28	24.31	1.91	0.56	5.06	1.75	4.16
28	24.37	1.84	0.63	4.97	1.84	4.37
29	24.09	2.10	0.37	3.36	0.61	4.57
29	24.11	2.17	0.30	5.44	0.65	4.78
30	24.28	2.22	0.25	0.98	0.99	4.50
30	24.30	2.12	0.22	0.67	0.73	4.46
31	24.15	2.12	0.23	0.77	1.11	4.43
31	24.49	2.06	0.29	1.08	1.53	4.63
32	23.95	2.07	0.40	1.64	1.27	3.38
32	24.06	2.13	0.34	1.20	1.31	3.35
33	23.97	2.06	0.41	1.58	1.35	3.80
33	24.15	2.04	0.43	2.29	1.18	4.00
34	23.99	1.72	0.75	2.21	1.64	4.70
34	24.47	2.11	0.36	2.19	1.31	4.90
35						
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NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION3	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS	SAL-B
1	9.1	12.4	23.8	7.4	0.15	0.00	
1	10.7	14.3	23.8	8.0			
2	12.7	16.2	23.5	8.1	0.10	0.00	
2	15.5	19.9	23.5	8.2			24.45
3	15.6	9.8	24.5	17.0	0.15	0.00	
3	17.3	11.1	24.5	13.2			
4	23.7	7.6	21.5		0.30		
4	23.2	8.7	21.5				
4A	24.1	14.3	6.0		0.35	0.00	
4A	25.3	13.1	7.5				7.81
5	19.7	37.7	24.5		0.08	0.00	
5	31.2	61.0	24.5				25.21
6	11.8	17.6	25.0	7.6	0.10	0.00	
6	11.8	24.2	25.0				26.06
7	15.7	17.7	23.5	8.0	0.12	0.00	
7	15.8	17.3	23.5	5.0			
8	5.1	15.8	25.0	6.9	0.15	0.00	
8	4.8	16.1	25.0				
9	6.4	9.5	29.0	7.5	0.15	0.00	
9	2.9	4.7	32.0	7.0			30.52
10	16.6	12.6	29.0	8.2	0.20	0.00	
10	18.5	12.8	28.0				29.50
11	10.7	10.4	28.5	7.2	0.20	0.00	
11	11.9	17.5	29.0				
12	4.6	3.7	28.5	7.4	0.45	0.77	
12	5.8	4.4	28.5	7.3			30.33
13	7.4	4.8	29.0	9.5	0.40	0.95	
13	8.6	3.9	29.0	8.5			
14							
14							
15							
15							
16	4.1	2.3	29.5	7.5	1.00	1.29	
16	5.0	1.9	28.5	9.4			29.91
17	1.4	0.0	28.0	7.5	1.30	16.99	
17	3.1	2.3	29.5	9.1			
18	2.5	2.0	29.5	7.7	1.10	11.44	
18	3.2	1.7	29.5	7.3			
19	1.1	0.6	29.0	9.8	1.00	5.70	
19	5.1	3.1	29.5	7.7			30.40
20	3.8	2.3	28.5	9.6	0.90	4.70	
20	3.8	2.6	29.0	7.5			
21	3.5	2.2	28.5	7.7	1.40	11.92	
21	3.6	2.3	28.5	7.5			30.19
22	2.1	1.2	29.0	7.4	1.40	7.51	
22	0.8	2.4	29.5	7.3			30.58
23	3.1	2.0	29.0	7.9	1.10	6.16	
23	1.3	0.8	29.5	7.8			
24	2.8	2.3	29.0	9.8	1.00	5.91	
24	1.4	0.3	30.0	9.8			29.84
25	3.6	2.5	28.0	9.7	1.10	4.90	
25			28.0	7.4			
26	3.0	1.8	28.0	9.3	1.00	8.51	
26	5.4	7.1	28.0	7.6			29.51
27	3.6	2.3	29.0	9.7	1.00	11.76	

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

27	3.8	2.6	29.5	9.5			
28	1.9	1.9	30.0	8.4	1.10		
28			30.0	8.3			
29	1.7	2.0	29.5	8.4		4.07	
29	0.7	0.4	29.5	8.4			30.86
30	2.2	1.1	28.5	7.7	2.00	12.67	
30	1.6	1.9	28.0	9.4			
31	1.8	1.0	29.0	10.0	2.00		
31	2.1	1.3	29.0	7.5			30.02
32	3.8	1.7	28.5	6.7	1.30		
32	4.0	2.2	28.5	6.6			29.33
33	3.8	2.4	28.5	8.1	1.00		
33	3.9	3.8	28.5	7.1			
34	2.7	1.4	28.0	9.9	1.20		
34	2.4	2.0	29.0	7.6			29.98
35							
35							

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
A	0.00	160288	1100	27.8500	97.4800	14.5	25.5
A	0.92	160288	1100	27.8500	97.4800	14.4	25.5
A	0.00	160288	1200	27.8500	97.4800	15.1	25.4
A	0.92	160288	1200	27.8500	97.4800	15.0	25.5
A	0.00	160288	1300	27.8500	97.4800	15.4	24.3
A	0.92	160288	1300	27.8500	97.4800	15.3	24.3
A	0.00	160288	1400	27.8500	97.4800	15.8	24.3
A	0.92	160288	1400	27.8500	97.4800	15.8	24.4
A	0.00	160288	1500	27.8500	97.4800	15.9	24.1
A	0.92	160288	1500	27.8500	97.4800	15.9	24.1
A	0.00	160288	1600	27.8500	97.4800	16.1	24.1
A	0.92	160288	1600	27.8500	97.4800	16.0	24.0
A	0.00	160288	1700	27.8500	97.4800	16.1	23.7
A	0.92	160288	1700	27.8500	97.4800	16.1	23.6
A	0.00	160288	1800	27.8500	97.4800	16.0	24.1
A	0.92	160288	1800	27.8500	97.4800	16.0	24.0
A	0.00	160288	1900	27.8500	97.4800	15.9	24.5
A	0.92	160288	1900	27.8500	97.4800	15.9	24.5
A	0.00	160288	2000	27.8500	97.4800	15.9	24.7
A	0.92	160288	2000	27.8500	97.4800	15.9	24.7
A	0.00	160288	2100	27.8500	97.4800	15.9	24.5
A	0.92	160288	2100	27.8500	97.4800	15.9	24.5
A	0.00	160288	2200	27.8500	97.4800	16.0	24.6
A	0.92	160288	2200	27.8500	97.4800	15.8	24.7
A	0.00	160288	2300	27.8500	97.4800	15.8	24.7
A	0.92	160288	2300	27.8500	97.4800	15.8	24.6
A	0.00	160288	2400	27.8500	97.4800	15.9	27.1
A	0.92	160288	2400	27.8500	97.4800	15.9	27.2
A	0.00	170288	100	27.8500	97.4800	16.0	27.5
A	0.92	170288	100	27.8500	97.4800	15.9	27.7
A	0.00	170288	200	27.8500	97.4800	16.0	27.7
A	0.92	170288	200	27.8500	97.4800	15.9	27.7
A	0.00	170288	300	27.8500	97.4800	16.0	27.4
A	0.92	170288	300	27.8500	97.4800	16.0	27.5
A	0.00	170288	400	27.8500	97.4800	16.0	27.4
A	0.92	170288	400	27.8500	97.4800	15.9	27.4
A	0.00	170288	500	27.8500	97.4800	15.9	28.0
A	0.92	170288	500	27.8500	97.4800	15.9	28.2
A	0.00	170288	600	27.8500	97.4800	16.0	27.7
A	0.92	170288	600	27.8500	97.4800	15.8	27.7
A	0.00	170288	700	27.8500	97.4800	16.0	28.1
A	0.92	170288	700	27.8500	97.4800	16.0	28.1

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
A	18.78	14.45	1.21	8.92	4.82	40.55
A	18.80	6.94	2.91	8.96	6.50	40.11
A	18.60	5.74	1.52	5.19	4.83	41.85
A	18.68	4.78	1.61	5.52	4.96	41.41
A	17.73	4.10	1.53	4.66	4.96	47.05
A	17.75	3.79	1.47	4.81	4.68	47.58
A	17.65	3.48	1.53	6.05	4.98	48.10
A	17.70	3.12	1.87	6.80	5.28	48.63
A	17.47	3.25	1.62	5.74	5.11	51.35
A	17.47	3.28	1.46	5.89	5.29	51.64
A	17.42	3.51	1.73	9.10	5.67	52.17
A	17.39	3.46	1.52	8.01	5.34	51.97
A	17.10	2.81	2.29	8.54	6.14	54.20
A	17.00	3.24	1.61	6.88	5.39	54.48
A	17.45	3.28	1.69	5.44	5.36	50.88
A	17.39	3.03	1.80	5.92	5.57	50.19
A	17.79	3.13	1.70	6.07	5.32	49.26
A	17.79	3.20	1.63	6.10	4.91	48.33
A	17.95	3.10	1.72	5.92	5.17	47.64
A	17.95	2.98	1.84	7.34	5.55	47.44
A	17.74	3.00	1.81	6.48	5.39	48.70
A	17.79	1.56	0.28	0.87	1.95	55.55
A	17.82	2.83	1.60	6.52	5.44	50.00
A	17.92	2.93	1.98	6.91	5.53	49.80
A	17.92	3.25	1.91	6.56	5.66	49.84
A	17.86	2.77	2.63	9.04	6.59	49.64
A	19.74	3.95	2.06	6.85	4.96	34.60
A	19.80	2.41	4.84	20.50	9.17	35.13
A	20.05	2.07	7.64	6.97	14.43	33.47
A	20.23	5.86	2.24	7.88	5.02	30.59
A	20.16	5.20	2.40	7.26	5.19	30.87
A	20.18	5.64	2.45	6.91	5.11	30.92
A	19.99	4.63	2.71	8.22	5.41	31.93
A	20.05	4.41	2.80	8.70	5.42	32.22
A	19.99	4.08	3.12	8.39	6.39	32.75
A	20.02	4.09	3.48	10.49	7.11	33.03
A	20.40	5.87	3.92	11.47	6.99	32.34
A	20.56	6.61	4.03	12.78	13.39	29.95
A	20.16	4.34	4.08	12.01	7.38	33.40
A	20.26	4.69	4.34	13.24	7.76	33.69
A	20.49	5.65	4.61	13.55	8.40	31.30
A	20.49	5.41	5.46	14.19	8.95	31.34

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
A	10.3	10.5	25.0	10.3	0.00	
A	10.1	15.1	25.0	9.4		
A	9.1	11.9	28.0	9.0	0.00	
A	8.8	12.6	28.0	9.1		
A	13.3	15.0	25.1	9.2	0.00	
A	9.0	10.0	25.1	9.5		
A	13.5	17.8	25.1	9.7	0.00	
A	13.3	19.5	25.1	9.2		
A	16.7	18.3	24.9	9.6	0.00	
A	17.5	19.4	24.9	9.4		
A	15.2	23.8	24.9	9.3		
A	13.6	24.6	24.9	8.8		
A	6.8	6.6	24.9	8.9		
A	9.5	8.3	24.9	8.9		
A	10.7	14.6	24.0	9.5		
A	16.0	25.0	24.0	9.0		
A	13.1	12.1	24.0	9.7		
A	12.7	14.6	24.0	9.1		
A	12.6	15.8	24.0			
A	12.2	21.1	24.0			
A	12.4	18.9	24.0	9.2		
A	13.7	20.3	24.0	8.9		
A	11.9	7.1	24.0	9.1		
A	11.4	23.7	24.0	8.9		
A	7.9	7.0	24.0	9.2		
A	7.0	8.4	24.0	9.0		
A	13.2	13.1	27.0	9.2		
A	15.5	20.9	27.0	9.0		
A	15.3	13.5	27.0	9.3		
A	14.9	15.2	27.0	9.0		
A	15.2	13.2	27.0	9.2		
A	15.7	13.7	27.0	9.0		
A	14.2	14.5	27.0	9.2		
A	13.8	16.4	27.0	9.0		
A	14.7	14.7	27.0	9.2		
A	14.9	14.2	27.0	9.0		
A	12.6	17.8	27.0	9.2		
A	12.4	16.6	27.0	8.8		
A	15.1	19.5	29.0	9.4		
A	15.1	20.7	28.0	9.3		
A	15.3	20.0	29.0			
A	16.5	22.3	29.0			

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
B	0.00	170288	1000	27.9100	97.4960	14.3	30.0
B	1.20	170288	1000	27.9100	97.4960	14.2	30.0
B	0.00	170288	1100	27.9100	97.4960	14.8	30.3
B	1.20	170288	1100	27.9100	97.4960	14.7	30.1
B	0.00	170288	1200	27.9100	97.4960	15.4	29.8
B	1.20	170288	1200	27.9100	97.4960	15.2	29.8
B	0.00	170288	1300	27.9100	97.4960	15.9	29.6
B	1.20	170288	1300	27.9100	97.4960	15.8	29.5
B	0.00	170288	1400	27.9100	97.4960	16.3	29.2
B	1.20	170288	1400	27.9100	97.4960	16.3	29.2
B	0.00	170288	1500	27.9100	97.4960	16.7	29.2
B	1.20	170288	1500	27.9100	97.4960	16.6	29.0
B	0.00	170288	1600	27.9100	97.4960	16.7	29.2
B	1.20	170288	1600	27.9100	97.4960	16.7	29.3
B	0.00	170288	1700	27.9100	97.4960	17.0	29.5
B	1.20	170288	1700	27.9100	97.4960	16.9	29.5
B	0.00	170288	1800	27.9100	97.4960	17.0	29.6
B	1.20	170288	1800	27.9100	97.4960	16.8	29.6
B	0.00	170288	1900	27.9100	97.4960	16.7	29.5
B	1.20	170288	1900	27.9100	97.4960	16.6	29.4
B	0.00	170288	2000	27.9100	97.4960	16.5	29.4
B	1.20	170288	2000	27.9100	97.4960	16.4	29.4
B	0.00	170288	2100	27.9100	97.4960	16.1	29.5
B	1.20	170288	2100	27.9100	97.4960	15.8	29.5
B	0.00	170288	2200	27.9100	97.4960	15.6	29.9
B	1.20	170288	2200	27.9100	97.4960	15.5	29.9
B	0.00	170288	2300	27.9100	97.4960	15.6	29.9
B	1.20	170288	2300	27.9100	97.4960	15.4	29.9
B	0.00	170288	2400	27.9100	97.4960	15.4	30.0
B	1.20	170288	2400	27.9100	97.4960	15.4	29.9
B	0.00	180288	100	27.9100	97.4960	15.4	30.0
B	1.20	180288	100	27.9100	97.4960	15.3	30.0
B	0.00	180288	200	27.9100	97.4960	15.4	30.1
B	1.20	180288	200	27.9100	97.4960	15.2	30.2
B	0.00	180288	300	27.9100	97.4960	15.3	30.1
B	1.20	180288	300	27.9100	97.4960	15.2	30.1
B	0.00	180288	400	27.9100	97.4960	15.4	30.0
B	1.20	180288	400	27.9100	97.4960	15.2	30.0
B	0.00	180288	500	27.9100	97.4960	15.2	30.0
B	1.20	180288	500	27.9100	97.4960	15.1	30.1
B	0.00	180288	600	27.9100	97.4960	15.3	30.1
B	1.20	180288	600	27.9100	97.4960	15.0	30.1
B	0.00	180288	700	27.9100	97.4960	15.2	30.1
B	1.20	180288	700	27.9100	97.4960	15.2	30.0

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
B	22.29	5.84	1.49	7.13	2.05	11.21
B	22.31	2.63	1.26	5.33	2.06	11.18
B	22.46	4.16	0.95	4.65	1.67	11.15
B	22.31	3.92	0.82	4.19	1.45	11.12
B	21.89	4.29	0.81	4.63	1.35	11.09
B	21.99	3.87	1.47	6.53	1.82	11.91
B	21.67	2.61	2.36	11.56	3.85	12.73
B	21.63	2.91	2.18	9.85	3.66	13.83
B	21.30	0.32	3.30	15.58	3.90	15.22
B	21.25	2.40	1.45	5.80	1.37	16.60
B	21.16	5.10	1.32	4.46	1.38	17.42
B	21.07	5.80	2.09	7.50	2.05	19.37
B	21.21	9.89	3.50	15.31	3.50	19.34
B	21.27	12.02	2.71	13.44	2.69	21.30
B	21.31	13.84	2.72	13.37	2.68	22.12
B	21.39	14.72	2.57	12.60	2.15	22.09
B	21.42	14.41	3.12	17.27	3.14	22.06
B	21.46	15.39	2.26	13.92	3.47	21.46
B	21.38	14.59	2.07	12.19	2.19	21.15
B	21.34	14.62	2.29	10.07	1.82	21.12
B	21.37	10.33	3.63	17.35	3.21	21.66
B	21.39	10.60	1.52	5.26	1.41	19.08
B	21.57	7.88	2.52	9.80	2.13	18.20
B	21.63	5.90	1.31	3.78	1.07	16.47
B	21.95	4.42	1.19	3.50	1.20	13.90
B	21.98	6.63	1.06	3.63	1.19	13.30
B	21.95	2.54	1.11	3.98	1.41	12.70
B	22.00	2.24	0.30	5.96	7.39	7.58
B	22.05	3.44	0.68	4.00	0.86	11.23
B	22.00	2.89	1.23	7.20	1.38	11.20
B	22.05	3.10	0.65	3.38	1.03	10.89
B	22.13	2.61	1.26	7.07	1.63	10.86
B	22.16	3.12	0.62	3.99	1.03	10.55
B	22.26	2.90	0.83	5.37	1.11	10.23
B	22.19	2.91	0.82	4.91	1.17	10.20
B	22.21	3.10	0.50	2.89	1.11	10.17
B	22.11	2.14	1.69	9.49	2.21	10.99
B	22.15	2.65	1.06	6.14	1.39	10.12
B	22.15	2.73	1.10	7.86	1.72	10.09
B	22.23	3.08	0.62	5.87	1.09	9.21
B	22.19	2.01	2.54	15.16	3.17	10.31
B	22.25	3.05	0.52	4.13	1.14	9.43
B	22.21	3.00	0.56	4.48	1.16	9.40
B	22.15	2.98	0.46	4.04	0.92	9.37

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
B	4.2	4.9	30.0	9.3	0.30	
B	4.8	5.1	30.0	9.4		
B	4.0	3.6		9.8	0.50	
B	4.6	4.2		9.4		
B	4.7	3.9	30.0	9.9	0.50	
B	5.4	5.4	30.0	9.4		
B	8.8	4.2	30.0	9.9		
B	9.4	8.5	30.0	9.6		
B	13.9	5.9	30.0			
B	14.1	6.6	30.0			
B			29.9	9.8		
B			29.8	9.6		
B	11.7	5.9	30.0	9.7		
B	10.9	5.8	30.0	9.1		
B	8.6	4.1	30.0	9.5		
B	9.2	5.9	30.0	9.1		
B	7.6	3.7	30.0	9.5		
B	7.6	4.6	30.0	9.0		
B	9.4	4.3	30.0	9.3		
B	11.1	8.0	30.0	9.1		
B	10.8	5.3	30.0	9.5		
B	10.7	4.1	30.0	9.3		
B	9.2	3.4	29.0	9.5		
B	8.2	4.0	29.0	9.5		
B	5.9	3.5	30.0	9.7		
B	5.9	4.0	30.0	9.4		
B	4.9	3.1	29.0	9.6		
B	4.9	3.1	29.0	9.5		
B	4.5	2.6	30.0	9.5		
B	1.0	0.3	30.0	9.5		
B	4.2	2.9	30.0	9.6		
B	4.0	4.1	30.0	9.5		
B	3.8	3.0	30.0	9.6		
B	3.8	3.2	30.0	9.4		
B	3.2	2.8	30.0	9.5		
B	5.3	10.1	30.0	9.4		
B	3.2	3.2	30.0	9.4		
B	3.5	3.4	30.0	9.3		
B	2.9	2.8	29.0	9.4		
B	4.6	9.0	29.0	9.3		
B	3.1	2.5	29.0	9.5		
B	3.0	2.7	29.0	9.3		
B	3.2	2.5		9.5		
B	3.2	2.5		9.4		

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
C	0.00	150288	1000	27.8150	97.3590	12.1	30.4
C	4.00	150288	1000	27.8150	97.3590	12.1	30.4
C	0.00	150288	1100	27.8150	97.3590	12.3	30.5
C	4.00	150288	1100	27.8150	97.3590	12.1	30.5
C	0.00	150288	1200	27.8150	97.3590	12.4	30.3
C	4.00	150288	1200	27.8150	97.3590	12.3	30.3
C	0.00	150288	1300	27.8150	97.3590	12.9	30.4
C	4.00	150288	1300	27.8150	97.3590	12.5	30.3
C	0.00	150288	1400	27.8150	97.3590	13.1	30.3
C	4.00	150288	1400	27.8150	97.3590	12.5	30.3
C	0.00	150288	1500	27.8150	97.3590	13.1	30.3
C	4.00	150288	1500	27.8150	97.3590	12.8	30.4
C	0.00	150288	1600	27.8150	97.3590	13.1	30.4
C	4.00	150288	1600	27.8150	97.3590	12.9	30.4
C	0.00	150288	1700	27.8150	97.3590	13.0	30.3
C	4.00	150288	1700	27.8150	97.3590	12.6	30.5
C	0.00	150288	1800	27.8150	97.3590	12.8	30.5
C	4.00	150288	1800	27.8150	97.3590	12.8	30.5
C	0.00	150288	1900	27.8150	97.3590	12.7	30.7
C	4.00	150288	1900	27.8150	97.3590	12.7	30.8
C	0.00	150288	2000	27.8150	97.3590	12.7	30.8
C	4.00	150288	2000	27.8150	97.3590	12.7	30.6
C	0.00	150288	2100	27.8150	97.3590	12.6	30.8
C	4.00	150288	2100	27.8150	97.3590	12.6	30.8
C	0.00	150288	2200	27.8150	97.3590	12.6	30.7
C	4.00	150288	2200	27.8150	97.3590	12.6	30.6
C	0.00	150288	2300	27.8150	97.3590	12.6	30.6
C	4.00	150288	2300	27.8150	97.3590	12.6	30.7
C	0.00	150288	2400	27.8150	97.3590	12.5	30.7
C	4.00	150288	2400	27.8150	97.3590	12.6	30.6
C	0.00	160288	100	27.8150	97.3590	12.5	30.6
C	4.00	160288	100	27.8150	97.3590	12.5	30.6
C	0.00	160288	200	27.8150	97.3590	12.5	30.6
C	4.00	160288	200	27.8150	97.3590	12.4	30.8
C	0.00	160288	300	27.8150	97.3590	12.5	30.7
C	4.00	160288	300	27.8150	97.3590	12.4	30.7
C	0.00	160288	400	27.8150	97.3590	12.4	30.7
C	4.00	160288	400	27.8150	97.3590	12.4	30.6
C	0.00	160288	500	27.8150	97.3590	12.3	30.7
C	4.00	160288	500	27.8150	97.3590	12.4	30.6
C	0.00	160288	600	27.8150	97.3590	12.3	30.6
C	4.00	160288	600	27.8150	97.3590	12.3	30.8
C	0.00	160288	700	27.8150	97.3590	12.3	30.6
C	4.00	160288	700	27.8150	97.3590	12.4	30.6

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
C	23.05	13.89	0.34	1.11	1.16	8.47
C	23.05	7.44	0.23	1.02	1.21	8.06
C	23.07	4.11	0.22	1.43	1.26	8.21
C	23.16	2.98	0.51	2.52	1.55	8.49
C	22.94	2.59	0.28	1.38	1.16	8.23
C	22.96	2.51	0.28	1.39	1.21	8.23
C	22.90	2.47	0.32	1.59	1.35	8.52
C	22.92	2.47	0.32	1.86	1.33	9.08
C	22.80	2.28	0.23	1.52	1.14	8.61
C	22.92	2.33	0.46	2.57	0.92	8.82
C	22.80	2.26	0.25	1.34	1.21	8.55
C	22.92	2.19	0.40	1.79	1.19	8.70
C	22.86	2.58	0.35	1.64	1.21	8.57
C	22.90	1.10	1.55	6.73	2.71	9.69
C	22.82	2.22	0.43	2.36	1.11	8.66
C	23.01	1.86	0.65	3.14	1.40	9.15
C	23.03	1.92	0.45	2.11	1.19	8.74
C	22.97	1.91	0.53	2.41	1.28	9.03
C	23.16	2.07	0.52	2.07	1.06	8.76
C	23.22	1.85	0.74	3.14	1.40	9.32
C	23.22	1.92	0.59	2.84	1.21	9.05
C	23.11	2.11	0.54	2.20	1.11	9.06
C	23.24	1.82	0.69	2.36	1.35	9.07
C	23.24	2.08	0.64	2.39	1.21	9.50
C	23.18	1.78	0.87	2.97	1.45	9.50
C	23.12	1.91	0.68	2.63	1.16	9.37
C	23.12	2.28	0.65	1.97	1.16	9.38
C	23.18	1.38	1.28	5.04	1.93	9.81
C	23.20	1.87	0.78	2.80	1.33	9.40
C	23.12	1.85	0.74	2.63	1.26	9.55
C	23.14	1.90	0.75	2.66	1.19	9.62
C	23.14	1.92	0.87	2.97	1.31	9.77
C	23.14	1.94	0.85	2.77	1.26	9.77
C	23.27	1.82	0.84	2.75	1.38	9.58
C	23.20	1.75	0.84	2.89	1.11	9.59
C	23.22	1.65	0.86	3.27	1.38	9.60
C	23.22	1.62	0.89	3.34	1.31	9.61
C	23.16	1.46	0.91	3.11	1.16	9.62
C	23.24	1.59	0.92	3.41	1.26	9.76
C	23.16	1.20	1.18	4.20	1.55	10.05
C	23.18	1.07	0.88	3.75	1.45	9.64
C	23.29	1.38	0.57	5.61	2.18	1.63
C	23.18	1.44	1.08	4.97	1.89	1.57
C	23.16	1.07	1.17	5.27	1.98	9.81

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
C	5.3	4.0		13.1	1.00	
C	4.9	2.6		11.1		
C	6.5	2.2		12.0	0.90	
C	5.2	3.6		11.7		
C	5.7	3.1		11.6	1.00	
C	5.0	3.4		10.6		
C	4.0	2.2		11.2	1.10	
C	2.4	1.8		11.4		
C	13.7	10.6		11.1	1.30	
C	5.0	3.4		10.8		
C	14.7	9.9		11.6	1.00	
C	5.8	4.1		11.0		
C	4.8	3.4		11.7	1.00	
C	10.0	8.6		11.0		
C	5.3	3.3		11.8	1.00	
C	6.2	3.8		11.8		
C	5.4	3.3		12.1	0.80	
C	5.7	3.0		12.2		
C	5.4	3.0		12.1		
C	5.6	3.8		11.5		
C	6.3	2.8		11.6		
C	6.7	4.1		11.1		
C	5.3	3.8		11.7		
C	6.2	3.4		11.2		
C	6.1	3.0		11.4		
C	5.2	3.4		11.0		
C	4.7	3.1		11.4		
C	6.6	2.5		11.0		
C	5.8	1.8		11.2		
C	4.9	3.3		10.9		
C	6.0	1.6		11.2		
C	2.7	6.0		10.9		
C	4.6	3.2		11.1		
C	4.7	2.9		10.9		
C	4.7	2.7		11.5		
C	5.1	1.9		10.9		
C	3.4	2.6		11.1		
C	3.8	2.5		10.8		
C	3.2	2.6		11.0		
C	4.4	3.5		10.7		
C	3.1	1.9		11.0		
C	2.9	2.7		10.7		
C	3.1	2.4		11.0		
C	3.6	2.0		10.6		

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
D	0.00	180288	1200	27.7070	97.1910	14.6	30.0
D	3.08	180288	1200	27.7070	97.1910	14.1	30.3
D	0.00	180288	1300	27.7070	97.1910	14.6	30.1
D	3.08	180288	1300	27.7070	97.1910	13.9	30.3
D	0.00	180288	1400	27.7070	97.1910	14.3	30.2
D	3.08	180288	1400	27.7070	97.1910	14.2	30.3
D	0.00	180288	1500	27.7070	97.1910	14.2	30.3
D	3.08	180288	1500	27.7070	97.1910	14.2	30.3
D	0.00	180288	1600	27.7070	97.1910	14.3	30.3
D	3.08	180288	1600	27.7070	97.1910	14.3	30.3
D	0.00	180288	1700	27.7070	97.1910	14.3	30.2
D	3.08	180288	1700	27.7070	97.1910	14.3	30.3
D	0.00	180288	1800	27.7070	97.1910	14.3	30.2
D	3.08	180288	1800	27.7070	97.1910	14.2	30.2
D	0.00	180288	1900	27.7070	97.1910	14.2	30.2
D	3.08	180288	1900	27.7070	97.1910	14.2	30.3
D	0.00	180288	2000	27.7070	97.1910	14.2	30.3
D	3.08	180288	2000	27.7070	97.1910	14.2	30.3
D	0.00	180288	2100	27.7070	97.1910	14.1	30.4
D	3.08	180288	2100	27.7070	97.1910	14.1	30.3
D	0.00	180288	2200	27.7070	97.1910	13.9	30.4
D	3.08	180288	2200	27.7070	97.1910	14.1	30.3
D	0.00	180288	2300	27.7070	97.1910	13.9	30.4
D	3.08	180288	2300	27.7070	97.1910	14.0	30.4
D	0.00	180288	2400	27.7070	97.1910	13.8	30.5
D	3.08	180288	2400	27.7070	97.1910	13.9	30.5
D	0.00	190288	100	27.7070	97.1910	13.7	30.2
D	3.08	190288	100	27.7070	97.1910	13.9	30.3
D	0.00	190288	200	27.7070	97.1910	13.8	30.5
D	3.08	190288	200	27.7070	97.1910	13.8	30.3
D	0.00	190288	400	27.7070	97.1910	13.6	30.4
D	3.08	190288	400	27.7070	97.1910	13.8	30.5
D	0.00	190288	500	27.7070	97.1910	13.7	30.4
D	3.08	190288	500	27.7070	97.1910	13.8	30.5
D	0.00	190288	600	27.7070	97.1910	13.8	30.4
D	3.08	190288	600	27.7070	97.1910	13.8	30.5
D	0.00	190288	700	27.7070	97.1910	13.7	30.5
D	3.08	190288	700	27.7070	97.1910	13.8	30.5

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
D	22.28	2.70	0.19	3.96	0.76	4.83
D	22.61	1.74	0.14	5.40	0.65	4.28
D	22.33	0.66	0.08	3.76	0.61	4.77
D	22.59	0.16	0.05	2.80	0.87	3.69
D	22.45	0.15	0.05	2.77	0.48	5.24
D	22.53	0.13	0.08	3.67	0.55	4.27
D	22.53	0.14	0.06	3.91	0.55	4.87
D	22.53	0.33	0.07	4.95	0.65	5.69
D	22.51	0.14	0.06	3.45	0.55	4.61
D	22.51	0.16	0.05	3.10	0.48	4.58
D	22.45	0.17	0.03	3.55	0.39	4.34
D	22.51	0.14	0.06	5.49	0.44	4.74
D	22.45	0.20	0.00	3.81	0.28	4.50
D	22.47	0.17	0.04	3.48	0.48	4.05
D	22.47	0.17	0.04	3.13	0.39	4.23
D	22.53	0.21	0.06	3.58	0.46	4.31
D	22.53	0.15	0.05	3.47	0.31	4.39
D	22.53	0.17	0.03	3.55	0.33	4.68
D	22.66	0.18	0.03	3.14	0.39	3.28
D	22.61	0.25	0.08	13.19	0.44	5.15
D	22.70	0.14	0.06	3.35	0.39	5.33
D	22.61	0.16	0.05	4.20	0.26	4.04
D	22.70	0.16	0.04	3.42	0.26	4.22
D	22.68	0.41	0.06	5.26	0.33	5.77
D	22.83	0.14	0.06	4.16	0.46	5.22
D	22.76	0.46	0.08	11.73	0.44	5.72
D	22.57	0.17	0.04	2.77	0.33	5.16
D	22.59	0.17	0.03	3.00	0.22	4.61
D	22.78	0.17	0.03	3.77	0.26	4.27
D	22.67	0.17	0.03	2.81	0.22	4.56
D	22.76	0.18	0.03	2.24	0.15	5.05
D	22.83	0.10	0.11	4.72	0.22	5.87
D	22.74	0.19	0.01	3.01	0.22	5.31
D	22.83	0.18	0.02	2.69	0.09	4.97
D	22.72	0.18	0.02	4.12	0.13	4.21
D	22.83	0.18	0.02	2.87	0.11	4.07
D	22.80	0.13	0.07	6.20	0.07	5.10
D	22.83	0.15	0.05	3.55	0.02	4.86

NUECES/CORPUS CHRISTI BAY (NIPS-II) FEB 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
D	1.6	1.6	30.0	9.5	1.70	
D	3.3	2.4	30.0	9.5		
D	1.9	1.6	30.0	9.6	1.50	
D	1.0	0.6	30.0	9.3		
D	2.1	2.1	30.0	9.6		
D	0.4	4.1	30.0	9.3		
D	2.5	2.3	30.0	9.9		
D	2.5	2.9	30.0	9.8		
D	2.8	2.6	30.0	9.7		
D	3.6	2.5	30.0	9.8		
D	2.5	4.1	30.0	9.8		
D	2.6	2.6	30.0	9.6		
D	2.6	2.6	30.0	9.9		
D	2.7	2.6	30.0	9.5		
D	2.5	2.0	30.0	9.9		
D	2.8	2.4	30.0	9.9		
D	2.7	1.9	30.0	9.9		
D	2.5	2.6	30.0	9.9		
D	2.2	1.9	30.0	9.9		
D	2.2	1.7	30.0			
D	1.8	2.8	30.0	9.9		
D	2.0	2.4	30.0			
D	1.9	2.6	30.0	10.0		
D	2.6	2.5	30.0			
D	3.2	1.7	30.0	9.5		
D	3.5	0.9	30.0			
D	1.8	2.6	29.0			
D	1.6	3.1	29.0			
D	1.5	2.5	29.0	9.9		
D	2.5	2.3	29.0			
D	2.1	1.5	29.0			
D	1.5	1.9	29.0	9.6		
D	0.8	0.8	29.0			
D	2.3	1.7	29.0			
D	2.0	2.2	29.0	9.4		
D	3.8	2.4	29.0			
D	3.2	1.7	30.0			
D	2.1	3.5	30.0			

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAR 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	240388	1928	27.8670	97.5200	21.0	22.7
1	0.70	240388	1028	27.8670	97.5200	21.0	22.7
2	0.00	240388	1037	27.8620	97.5250	21.0	19.3
2	0.60	240388	1037	27.8620	97.5250	21.0	19.3
3	0.00	240388	1045	27.8760	97.5070	21.3	19.9
3	0.70	240388	1045	27.8760	97.5070	21.3	19.9
4	0.00	240388	1104	27.8470	97.5010	22.0	22.0
4	0.50	240388	1104	27.8470	97.5010	22.0	21.3
4A	0.00	240388	1700	27.8480	97.5440		
4A				27.8480	97.5440		
5	0.00	240388	1145	27.8600	97.4950	22.0	24.1
5	2.00	240388	1145	27.0600	97.4950	22.0	27.7
6	0.00	240388	1230	27.8350	97.4900	21.8	30.9
6	0.90	240388	1230	27.8350	97.4900	21.8	30.9
7	0.00	240388	1158	27.8500	97.4800	21.5	31.3
7	1.60	240388	1158	27.8500	97.4800	20.5	29.1
8	0.00	240388	1242	27.8600	97.4610	21.5	30.5
8	1.00	240388	1242	27.8600	97.4610	21.5	30.5
9	0.00	240388	1005	27.8420	97.4550	21.0	30.5
9	1.00	240388	1005	27.8420	97.4550	21.0	26.9
10	0.00	240388	1256	27.8610	97.4250	21.8	17.2
10	1.10	240388	1256	27.8610	97.4250	21.8	18.6
11	0.00	240388	1342	27.8500	97.4250	21.8	23.8
11	1.20	240388	1342	27.8500	97.4250	21.8	24.1
12	0.00	240388	1354	27.8310	97.4230	23.5	17.2
12	1.00	240388	1354	27.8310	97.4230	23.5	17.6
13	0.00	240388	1407	27.9100	97.4960	21.8	31.3
13	0.50	240388	1407	27.9100	97.4960	21.8	24.8
14	0.00	240388	1440	27.8760	97.4020	22.8	21.3
14	1.80	240388	1440	27.8650	97.4020	22.8	23.8
15	0.00	240388	1515	27.8520	97.3710	21.5	28.4
15	0.40	240388	1515	27.8520	97.3710	21.5	28.4
16	0.00	240388	1532	27.8380	97.3760	20.0	26.9
16		230388	1532	27.8380	97.3760	20.0	33.5
17	0.00	230388	1340	27.8120	97.3880	18.0	32.7
17	14.46	230388	1340	27.8120	97.3880	17.0	32.7
18	0.00	230388	1500	27.8570	97.3350	18.0	23.4
18	3.08	230388	1500	27.8570	97.3550	18.5	31.6
19	0.00	230388	1400	27.8150	97.3590	18.0	26.2
19	3.69	230388	1400	27.8150	97.3590	17.5	26.9
20	0.00	230388	1325	27.7900	97.3730	17.5	32.4
20	4.00	230388	1325	27.7900	97.3730	17.5	27.7
21	0.00	230388	1310	27.7440	97.3710	18.5	32.7
21	3.07	230388	1310	27.7440	97.3710	18.8	29.1
22	0.00	230388	1225	27.7140	97.3140	17.5	22.0
22	2.76	230388	1225	27.7140	97.3140	18.0	23.4
23	0.00	230388	1250	27.7760	97.3170	17.0	31.3
23	4.00	230388	1250	27.7760	97.3170	16.8	35.0
24	0.00	230388	1550	27.8110	97.2640	18.0	31.3
24	14.70	230388	1550	27.8110	97.2640	17.3	35.0
25	0.00	230388	1536	27.8280	97.2570	18.0	32.7
25	2.76	230388	1536	27.8280	97.2570	17.8	33.1
26	0.00	230388	906	27.8200	97.1980	17.5	32.0
26	14.76	230388	906	27.8200	97.1980	17.0	33.5

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAR 1988

27	0.00	230388	930	27.7510	97.2210	16.0	32.0
27	3.69	230388	930	27.7510	97.2210	16.5	32.0
28	0.00	230388	1200	27.6860	97.2510	20.5	34.2
28	3.07	230388	1200	27.6860	97.2510	19.5	34.2
29	0.00	230388	1050	27.6330	97.2390	19.0	36.1
29	6.15	230388	1050	27.6330	97.2390	19.0	35.7
30	0.00	230388	1028	27.6910	97.2170	16.5	30.9
30	2.46	230388	1028	27.6910	97.2170	16.5	22.7
31	0.00	230388	1052	27.7070	97.1910	16.8	31.3
31	2.76	230388	1052	27.7070	97.1910	16.5	31.6
32	0.00	230388	1632	27.8100	97.1480	18.3	46.4
32	1.23	230388	1632	27.8100	97.1480	18.0	35.0
33	0.00	230388	850	27.6840	97.1540	17.6	32.0
33	14.46	230388	850	27.6840	97.1540	17.5	33.5
34	0.00	230388	1521	27.8480	97.2790	18.3	40.2
34	3.69	230388	1521	27.8480	97.2790	18.3	44.0
35	0.00	240388	1500	27.8750	97.3480	24.0	24.1
35	0.80	240388	1500	27.8750	97.3480	24.0	27.7

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAR 1988

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
1	15.22	13.25	0.84	2.73	3.27	72.75
1	15.22	13.07	0.93	2.90	2.59	72.61
2	12.61	12.20	1.11	2.74	2.57	66.65
2	12.61	12.18	1.11	2.74	2.57	66.64
3	13.07	10.84	1.00	2.75	1.91	74.57
3	13.07	13.62	1.13	2.80	1.83	76.19
4	14.43	14.36	0.62	2.93	2.65	34.60
4	13.91	10.74	0.70	2.17	2.72	37.49
4A		12.30	0.14	1.50	4.00	77.78
4A						
5	16.01	9.76	0.91	1.37	4.31	67.42
5	18.69	14.41	1.02	1.47	2.76	69.56
6	21.22	13.72	1.78	1.71	2.76	58.80
6	21.22	15.32	1.00	1.21	3.18	58.02
7	21.56	14.61	1.02	1.36	3.11	48.40
7	20.18	15.54	1.33	2.00	3.53	62.16
8	21.01	15.70	1.24	1.32	2.33	103.60
8	21.01	14.47	0.94	1.70	1.45	40.77
9	21.14	14.78	0.61	1.42	1.47	30.26
9	18.42	12.50	0.62	1.20	4.36	29.36
10	10.89	11.18	1.84	3.19	2.52	52.73
10	11.91	15.63	1.14	2.89	2.48	43.61
11	15.82	16.12	1.05	2.39	2.73	47.01
11	16.08	15.02	1.21	2.54	1.22	45.47
12	10.44	15.75	0.47	2.04	1.12	11.46
12	10.69	8.70	0.46	1.87	0.67	11.32
13	21.49	7.60	0.21	2.01	0.69	14.97
13	16.61	1.75	0.26	2.01	2.12	15.08
14	13.71	0.77	0.89	1.88	2.30	36.55
14	15.55	7.56	0.95	1.00	0.86	35.01
15	19.37	9.75	0.25	1.01	0.51	8.20
15	19.37	1.18	0.18	1.21	0.65	7.68
16	18.67	0.65	0.28	1.17	1.01	10.95
16	23.63	0.51	0.15	1.67	0.78	11.19
17	23.57	3.14	0.46	3.39	0.66	5.37
17	23.81	1.86	1.65	4.48	1.43	8.39
18	16.47	2.50	0.76	3.69	0.71	6.98
18	22.61	2.08	1.02	4.38	1.02	7.09
19	18.62	2.47	0.55	2.34	0.58	2.91
19	19.28	2.19	0.75	3.54	0.56	3.02
20	23.41	2.34	0.51	2.69	0.52	4.52
20	19.82	2.02	0.75	3.77	1.22	4.88
21	23.45	2.44	0.32	2.99	0.96	6.51
21	20.61	2.44	0.41	4.22	0.98	6.62
22	15.52	2.62	0.31	4.19	1.04	6.98
22	16.49	2.57	0.45	4.19	2.05	6.84
23	22.70	2.31	0.62	3.84	1.35	6.70
23	25.57	2.40	0.86	4.47	2.51	6.43
24	22.46	2.22	0.71	4.60		5.53
24	25.45	0.79	2.39	7.21	4.14	3.74
25	23.57	1.93	1.00	4.39		6.64
25	23.92	1.57	1.45	5.14	2.78	6.75
26	23.14	2.41	0.52	3.31		4.20
26	24.38	1.48	1.45	5.15		4.31
27	23.48	2.55	0.55	3.66	2.22	5.44

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAR 1988

27	23.37	2.45	0.57	3.36	2.90	5.55
28	24.06	2.44	0.57	5.00	4.16	9.32
28	24.32	2.17	0.76	5.85	3.48	9.69
29	25.86	2.53	0.40	3.21	2.64	18.39
29	25.58	2.54	0.39	3.55		17.87
30	22.53	2.57	0.36	2.90		3.07
30	16.27	2.53	0.41	3.50		2.80
31	22.75	2.57	0.36	2.34	3.40	2.91
31	23.09	2.47	0.38	2.93	1.79	2.77
32	33.94	2.38	0.39	3.27	1.92	1.49
32	25.26	2.63	0.38	3.57	1.53	1.72
33	23.11	2.69	0.24	2.89	1.28	3.22
33	24.26	2.49	0.36	3.86	1.24	3.59
34	29.22	2.07	0.69	4.83	1.40	6.35
34	32.15	1.98	0.70	4.70	1.45	6.46
35	15.47	6.29	0.53	1.51	2.15	38.33
35	18.14	6.18	0.54	1.53	2.46	40.34

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAR 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS	SAL-B
1	7.6	9.7	29.5	3.2	0.10	0.00	29.17
1	7.3	8.7	30.0	3.0			
2	6.7	6.6	30.0	2.9	0.15	0.00	29.77
2	7.1	7.7	30.0	3.2			
3	7.5	7.4	28.0	3.7	0.20	0.00	28.49
3	7.4	10.0	28.0	3.6			
4	4.9	4.8	29.0	3.6	0.15		30.16
4	7.4	17.6	29.0	3.6			
4A	15.5	14.6				0.00	24.40
4A							
5	7.2	6.1	29.0	3.2	0.10	0.00	29.09
5	7.5	6.4	30.0	2.8			
6	5.9	10.9	30.0	3.9	0.15	0.00	30.08
6	6.3	9.5	30.0	3.1			
7	5.6	6.8	30.0	3.7	0.15	0.00	29.33
7	3.4	21.1	30.0	2.8			
8	9.5	11.3	30.0	3.5	0.10	0.00	30.32
8	10.1	10.4	30.0	3.8			
9	8.1	4.6	30.0	2.9	0.30	0.00	30.58
9	9.5	5.1	30.0	2.3			
10	9.3	14.0	31.0	3.8	0.10	0.00	31.22
10	10.8	23.2	31.0	3.2			
11	7.3	10.6	31.0	3.7	0.15	0.00	30.33
11	6.9	13.5	32.0	3.2			
12	16.0	4.6	30.0	4.4	0.30	0.77	30.75
12	15.7	5.1	30.0	4.0			
13	12.3	5.1	31.0	4.7	0.50	0.95	30.99
13	11.6	4.3	32.0	4.2			
14	9.9	10.1	32.0	3.8	0.20		31.36
14	8.5	9.1	32.0	3.2			
15	5.5	3.6	32.0	4.1	0.30		31.01
15	4.9	3.8	32.0	4.1			
16	14.3	7.0	31.0	4.9	0.50	1.29	30.97
16	14.6	6.1	32.0	4.4			
17	7.5	2.5	29.5	4.1	0.70	16.99	30.81
17	7.3	3.4	29.5	3.7			30.66
18	2.2	1.5	30.0	3.3	0.70	11.44	30.82
18	2.2	1.4	30.0	3.8			30.83
19	4.3	1.8	30.5	4.8	0.80	5.70	30.84
19	4.2	2.4	30.5	4.9			30.85
20	3.7	2.0	31.5	3.7	0.60	4.70	31.18
20	4.1	2.2	31.5	3.5			31.18
21	4.5	1.7	31.0	3.7	0.90	11.92	31.77
21	4.8	1.9	31.0	3.8			31.77
22	3.7	1.8	31.5	4.2	1.00	7.51	31.86
22	4.2	1.5	31.5	3.9			31.85
23	2.2	1.5	31.0	3.4	0.80	6.16	30.96
23	2.5	1.4	31.0	4.2			30.97
24	3.2	1.4	30.5	3.8	0.80	5.91	31.31
24	5.1	6.3	31.0	4.2			33.20
25	3.0	1.7	31.0	3.6	0.80	4.90	31.57
25	4.0	1.8	31.0	4.4			31.59
26	2.9	1.3	31.0	3.7	0.80	8.51	31.40
26	3.8	3.1	31.0	4.3			31.56

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAR 1988

27	1.7	0.9	30.0	3.5	1.30	11.76	30.74
27	1.6	1.2	30.3	3.5			30.78
28	2.0	1.6	31.5	3.5	0.70		32.45
28	2.0	1.9	32.0	2.8			32.51
29	2.3	1.7	33.0	2.4	1.30	4.07	34.36
29	2.2	1.9	34.0	3.3			34.28
30	1.1	0.8	31.0	3.9	1.40	12.67	31.10
30	1.3	0.7	31.5	3.6			31.11
31	1.6	0.9	31.5	3.5	1.20		31.14
31	1.5	0.9	31.5	3.3			31.17
32	1.7	0.8	33.0	3.8	1.10		33.51
32	0.8	0.6	33.0	3.6			33.57
33	2.6	1.6	32.0	3.1	0.90		31.76
33	2.8	1.4	32.0	4.2			31.76
34	2.1	1.3	30.0	4.6	0.80		31.06
34	2.2	1.3	31.0	4.0			31.07
35	9.4	10.2	32.0	4.0	0.20		31.49
35	12.8	10.0	32.0	3.9			

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	130488	1054	27.8670	97.5200	19.1	33.6
1	0.45	130488	1058	27.8670	97.5200	19.1	33.6
2	0.00	130488	1109	27.8620	97.5250	19.5	33.6
2	0.32	130488	1115	27.8620	97.5250	19.6	33.6
3				27.8760	97.5070		
3				27.8760	97.5070		
4	0.00	130488	1149	27.8470	97.5010	21.0	32.4
4	0.40	130488	1153	27.8470	97.5010	21.0	33.6
4A	0.00	130488		27.8480	97.5440		
4A				27.8480	97.5440		
5	0.00	130488	1201	27.8600	97.4950	20.5	33.6
5	1.70	130488	1207	27.0600	97.4950	18.6	33.3
6	0.00	130488	1230	27.8350	97.4900	20.4	32.9
6	0.60	130488	1233	27.8350	97.4900	20.5	32.0
7	0.00	130488	1214	27.8500	97.4800	20.1	33.1
7	1.00	130488	1218	27.8500	97.4800	19.7	33.3
8	0.00	130488	1246	27.8600	97.4610	20.7	32.7
8	0.60	130488	1250	27.8600	97.4610	20.7	33.1
9	0.00	130488	1032	27.8420	97.4550	19.3	33.1
9	0.92	130488	1039	27.8420	97.4550	19.1	32.8
10	0.00	130488	1258	27.8610	97.4250	20.4	33.3
10	0.80	130488	1302	27.8610	97.4250	20.5	33.3
11	0.00	130488	1307	27.8500	97.4250	20.5	32.4
11	0.85	130488	1311	27.8500	97.4250	20.4	33.1
12	0.00	130488	1315	27.8310	97.4230	25.2	32.4
12	0.35	130488	1320	27.8310	97.4230	25.3	32.4
13	0.00	130488	1330	27.9100	97.4960	21.2	32.7
13	0.40	130488	1335	27.9100	97.4960	21.3	32.7
14	0.00	130488	1437	27.8760	97.4020	20.9	32.4
14	0.95	130488	1442	27.8650	97.4020	20.9	32.6
15	0.00	130488	1514	27.8520	97.3710	20.5	32.4
15	0.70	130488	1519	27.8520	97.3710	20.6	32.7
16	0.00	130488	1524	27.8380	97.3760	20.7	32.5
16	5.54	130488	1530	27.8380	97.3760	20.5	32.7
17	0.00	120488	1420	27.8120	97.3880	21.3	30.3
17	16.31	120488	1428	27.8120	97.3880	18.7	32.4
18	0.00	120488	1527	27.8570	97.3350	19.0	32.5
18	2.46	120488	1534	27.8570	97.3550	18.7	32.7
19	0.00	120488	1407	27.8150	97.3590	21.2	32.6
19	3.69	120488	1412	27.8150	97.3590	18.4	32.4
20	0.00	120488	1352	27.7900	97.3730	20.8	32.4
20		120488	1358	27.7900	97.3730	18.7	32.4
21	0.00	120488	1338	27.7440	97.3710	20.0	32.4
21	2.46	120488		27.7440	97.3710	18.7	32.4
22	0.00	120488	1325	27.7140	97.3140	20.6	32.4
22	1.54	120488	1327	27.7140	97.3140	19.7	32.2
23	0.00	120488	1035	27.7760	97.3170	18.9	32.6
23	2.46	120488	1041	27.7760	97.3170	18.8	32.6
24	0.00	120488	1016	27.8110	97.2640	19.2	32.4
24	14.15	120488	1025	27.8110	97.2640		32.6
25	0.00	120488	1004	27.8280	97.2570	18.5	32.4
25	2.46	120488	1010	27.8280	97.2570	18.3	32.4
26	0.00	120488	949	27.8200	97.1980	18.7	32.2
26	14.77	120488	952	27.8200	97.1980	18.7	32.4

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

27	0.00	120488	1058	27.7510	97.2210	18.7	33.1
27	3.69	120488	1103	27.7510	97.2210	18.8	33.1
28	0.00	120488	1300	27.6860	97.2510	18.3	33.8
28	2.46	120488	1306	27.6860	97.2510	17.9	33.8
29	0.00	120488	1152	27.6330	97.2390	17.2	35.0
29	6.15	120488	1158	27.6330	97.2390	17.2	35.4
30	0.00	120488	1132	27.6910	97.2170	18.2	33.3
30	2.46	120488	1137	27.6910	97.2170	18.2	33.1
31	0.00	120488	1114	27.7070	97.1910	18.2	33.5
31	3.08	120488	1120	27.7070	97.1910	17.3	33.1
32	0.00	120488	918	27.8100	97.1480	18.4	30.5
32	1.30	120488	922	27.8100	97.1480	18.5	23.1
33	0.00	120488	926	27.6840	97.1540	18.7	32.2
33	14.77	120488	935	27.6840	97.1540	18.7	31.6
34	0.00	120488	1544	27.8480	97.2790	20.4	32.4
34	2.46	120488	1552	27.8480	97.2790	19.7	32.7
35	0.00	130488	1450	27.8750	97.3480	22.1	33.0
35	0.60	130488	1456	27.8750	97.3480	22.1	32.9

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
1	23.97	4.52	0.41	3.23	5.84	98.56
1	23.97	3.08	1.44	3.46	4.78	106.64
2	23.87	2.56	0.32	1.93	2.89	103.46
2	23.84	2.03	0.43	5.47	2.92	108.83
3						
3						
4	22.58	6.24	0.75	5.23	3.05	73.65
4	23.47	8.80	0.85	5.10	3.46	98.86
4A		2.54	7.52	8.34	4.95	171.38
4A						
5	23.61	3.96	1.79	8.35	5.75	98.80
5	23.87	2.86	2.07	9.27	6.46	107.33
6	23.07	22.16	1.25	7.34	4.42	99.18
6	22.38	8.11	2.16	9.49	4.34	89.69
7	23.32	9.37	1.31	10.40	5.02	98.22
7	23.54	6.38	3.68	14.24	3.71	89.63
8	22.88	9.68	1.61	9.42	3.69	84.64
8	23.16	9.92	1.58	7.89	4.14	93.62
9	23.53	12.45	1.72	3.62	3.71	49.43
9	23.36	10.83	2.31	4.76	2.40	52.10
10	23.41	3.08	0.61	2.48	2.55	65.59
10	23.38	0.88	1.38	3.92	2.01	77.27
11	22.71	3.19	0.92	2.41	2.27	63.27
11	23.24	4.18	1.37	3.30	2.75	83.52
12	21.39	10.21	2.52	8.99	2.50	24.46
12	21.36	31.14	3.36	12.40	4.73	37.50
13	22.75	9.35	1.13	3.80	1.87	36.11
13	22.72	9.54	1.14	3.85	1.95	41.04
14	22.55	0.37	0.66	0.34	0.18	59.62
14	22.72	0.26	0.77	0.47	0.50	66.75
15	22.71	0.87	0.15	0.18	0.32	42.79
15	22.91	0.87	0.16	0.24	0.17	45.87
16	22.72	0.86	0.16	0.28	0.18	20.56
16	22.94	0.89	0.13	0.26	0.16	28.59
17	20.90	3.65		7.38	12.89	24.52
17	23.18	18.13	0.56	6.42	3.15	11.67
18	23.16	17.73	0.81	4.21	1.40	9.56
18	23.40	8.79	0.56	5.26	1.61	9.66
19	22.64	6.64	0.81	5.10	1.25	9.76
19	23.25	5.05	0.02	3.70	1.25	10.19
20	22.58	18.02	0.03	3.89	1.68	10.95
20	23.18	7.63	1.24	2.94	1.75	9.06
21	22.84	23.77	1.25	2.87	1.59	8.83
21	23.12	2.56	0.45	2.42	1.28	7.60
22	22.69	2.11	0.58	2.91	1.23	7.59
22	22.76	2.01	0.37	3.33	1.14	6.36
23	23.24	1.75	0.47	3.70	1.14	6.46
23	23.26	1.63	0.59	4.51	1.14	6.45
24	23.05	1.48	0.90	3.75	1.37	6.44
24		1.48	1.22	3.72	1.49	7.31
25	23.17	0.19	2.82	5.10	3.00	7.74
25	23.22	1.19	0.87	3.75	1.25	6.07
26	23.01	0.87	1.03	5.28	1.37	11.37
26	23.18	1.53	1.01	5.62	1.77	7.38

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

27	23.68	0.28	1.94	3.97	2.15	7.48
27	23.66	1.53	1.01	5.21	1.14	7.14
28	24.29	0.73	1.49	4.10	1.51	7.35
28	24.44	1.47	0.91	4.52	1.47	18.51
29	25.46	1.59	0.78	4.10	1.63	19.05
29	25.80	1.68	0.54	1.59	0.59	23.35
30	23.92	1.53	0.53	3.67	0.66	22.68
30	23.80	1.58	0.64	3.01	0.88	9.72
31	24.09	1.57	0.65	1.76	0.88	10.71
31	24.02	1.71	0.67	2.92	0.73	7.16
32	21.81	1.41	0.81	3.37	0.90	7.59
32	16.09	1.74	0.79	4.49	1.02	5.26
33	22.95	1.52	1.33	4.07	1.47	5.47
33	22.56	1.57	1.12	5.40	1.37	7.00
34	22.68	1.10	1.59	4.97	1.37	7.10
34	23.15	1.10	1.12	3.59	0.78	5.76
35	22.67	0.60	0.43	0.36	0.13	60.51
35	22.61	0.65	0.79	0.54	0.44	68.09

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS	SAL-B
1	7.8	2.6	32.0	4.3	0.45	67.69	31.98
1	8.5	5.2	32.0	4.8			
2	9.2	1.5	32.0	7.2	0.32	56.44	32.70
2	8.2	2.0	32.0	3.9			
3							
3							
4	7.4	2.3	31.0		0.40	16.69	31.37
4	7.0	1.5	30.5				
4A							18.88
4A							
5	7.8	3.4	32.0		0.15	15.80	32.50
5	9.1	3.8	32.0				
6	5.6	2.7	30.0		0.50	25.48	30.80
6	5.1	5.4	30.0				
7	4.0	1.9	31.5		0.50	53.48	31.89
7	4.2	4.7	31.5				
8	4.2	1.6	30.0		0.30	26.00	32.07
8	5.2	2.5	30.0				
9	12.8	2.3	30.5	4.5	0.50	97.85	31.69
9	16.0	1.8	30.5				
10	12.1	0.0	32.0		0.30	54.38	32.97
10			32.0				
11	13.6	2.1	30.5		0.50	41.42	31.46
11	13.2	4.1	30.5				
12	8.6	3.6	29.5		0.75	13.38	30.97
12	7.5	3.3	29.5				
13	6.9	2.3	30.0		1.10	71.05	31.83
13	7.7	1.3	30.0				
14	15.9	4.8	32.0		0.30	39.30	31.83
14	16.5	5.2	32.0				
15	4.6	2.1	32.0		0.70	67.07	
15	4.5	1.9	32.0				
16	8.4	2.4	32.0		0.80	20.05	31.58
16	8.5	2.5	32.0				
17	3.1	1.0	29.0	3.2	1.30	51.69	30.24
17	6.8	3.0	31.0	5.6			31.55
18	3.7	1.4	31.0		1.15	33.94	31.64
18	4.2	1.0	31.0				31.66
19	4.8	1.0	30.0		1.30	27.12	31.62
19	7.0	1.9	30.0				31.62
20	4.9	0.9	30.5		1.25	49.07	31.40
20	9.1	1.5	31.0				31.53
21	4.9	1.2	30.5		1.20	21.84	31.67
21	5.3	1.3	31.0				31.65
22	4.3	0.7	31.0	4.8	1.30	51.48	31.81
22	4.1	0.8	31.0	4.0			31.78
23	4.3	1.6	30.0		1.05	36.85	31.73
23	4.5	1.6	30.0				31.75
24	6.2	2.0	30.0	9.3	0.70	43.95	31.29
24			30.0				31.38
25	4.1	1.6	30.0	4.8	0.85	28.70	31.50
25	4.5	1.2	30.0				31.55
26	5.6	1.7	29.8	7.9	0.65	53.27	31.03
26	5.6	2.7	29.8	9.9			31.14

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

27	4.1	1.7	30.0		0.95	25.13	31.95
27	5.2	2.8	30.0				31.95
28	2.1	1.1	33.0	5.7	0.85	11.40	32.88
28	2.1	1.2	33.0				32.90
29	2.3	1.6	33.0	1.8	1.55	32.24	34.20
29	2.4	2.2	33.0	6.3			34.20
30	4.2	0.9	31.5	4.6	1.60	47.70	32.25
30	4.6	1.2	31.0				32.34
31	3.2	1.5	31.0		1.30	38.81	32.09
31	4.2	1.9	31.0	4.6			32.17
32	3.2	1.8	30.0	6.1	0.55	33.46	31.03
32	4.0	1.5	30.5	5.1			31.02
33	5.6	2.0	29.5	8.9	0.65	99.10	31.10
33	5.5	2.2	29.5	5.4			31.12
34	2.9	0.8	31.5		1.10	70.52	31.43
34			31.5				31.45
35	5.7	2.8	31.0		0.30	33.27	
35	6.2	0.2	31.0				

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION1	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
A	0.00	130488	1400	27.8500	97.4800	21.2	10.8
A	0.30	130488	1400	27.8500	97.4800	21.2	10.8
A	0.00	130488	1730	27.8500	97.4800	21.6	30.9
A	0.30	130488	1730	27.8500	97.4800	21.6	30.9

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
A	6.17	7.50	2.02	9.76	7.88	40.28
A	6.17	9.36	1.22	2.57	7.65	12.94
A	21.26	0.21	9.67		3.74	34.86
A	21.26	0.17	7.42		7.50	36.00

STATION3	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
A	11.4	4.6	31.0	9.2	0.25	
A	8.5	2.4	31.0	9.2		
A	16.0	17.7	31.0	9.2	0.10	
A			31.0	9.2		

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
B	0.00	120488	1000	27.9100	97.4960	17.1	14.9
B	0.90	120488	1000	27.9100	97.4960	17.1	14.5
B	0.00	120488	1100	27.9100	97.4960	17.6	31.4
B	0.90	120488	1100	27.9100	97.4960	17.5	31.4
B	0.00	120488	1200	27.9100	97.4960	18.5	31.3
B	0.90	120488	1200	27.9100	97.4960	18.6	31.4
B	0.00	120488	1300	27.9100	97.4960	19.2	31.3
B	0.90	120488	1300	27.9100	97.4960	19.0	31.1
B	0.00	120488	1400	27.9100	97.4960	19.8	31.2
B	0.90	120488	1400	27.9100	97.4960	19.7	31.2
B	0.00	120488	1500	27.9100	97.4960	20.4	31.1
B	0.90	120488	1500	27.9100	97.4960	20.1	31.1
B	0.00	120488	1600	27.9100	97.4960	21.1	31.1
B	0.90	120488	1600	27.9100	97.4960	20.8	31.1
B	0.00	120488	1700	27.9100	97.4960	21.2	31.1
B	0.90	120488	1700	27.9100	97.4960	21.0	31.1
B	0.00	120488	1800	27.9100	97.4960	21.4	31.1
B	0.90	120488	1800	27.9100	97.4960	21.1	31.1
B	0.00	120488	1900	27.9100	97.4960	20.5	18.0
B	0.90	120488	1900	27.9100	97.4960	20.2	18.0
B	0.00	120488	2000	27.9100	97.4960	19.6	31.3
B	0.90	120488	2000	27.9100	97.4960	19.5	31.3
B	0.00	120488	2100	27.9100	97.4960	19.1	31.3
B	0.90	120488	2100	27.9100	97.4960	19.1	31.4
B	0.00	120488	2200	27.9100	97.4960	19.0	31.4
B	0.90	120488	2200	27.9100	97.4960	18.9	31.4
B	0.00	120488	2300	27.9100	97.4960	18.9	31.4
B	0.90	120488	2300	27.9100	97.4960	18.9	31.4
B	0.00	120488	2400	27.9100	97.4960	18.8	31.4
B	0.90	120488	2400	27.9100	97.4960	18.8	31.4
B	0.00	130488	100	27.9100	97.4960	18.6	31.3
B	0.90	130488	100	27.9100	97.4960	18.7	31.4
B	0.00	130488	200	27.9100	97.4960	18.5	31.3
B	0.90	130488	200	27.9100	97.4960	18.4	31.4
B	0.00	130488	300	27.9100	97.4960	18.2	31.4
B	0.90	130488	300	27.9100	97.4960	18.2	31.4
B	0.00	130488	400	27.9100	97.4960	18.0	31.4
B	0.90	130488	400	27.9100	97.4960	18.0	31.4
B	0.00	130488	500	27.9100	97.4960	18.0	31.4
B	0.90	130488	500	27.9100	97.4960	17.9	31.5
B	0.00	130488	600	27.9100	97.4960	17.7	31.4
B	0.90	130488	600	27.9100	97.4960	17.7	31.5
B	0.00	130488	700	27.9100	97.4960	17.6	31.4
B	0.90	130488	700	27.9100	97.4960	17.6	31.6

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
B	10.24	7.25	2.23	1.90	0.22	21.83
B	9.89	6.42	2.27	2.03	0.74	19.18
B	22.66	5.60	2.19	1.70	0.88	18.19
B	22.69	5.93	2.20	1.80	0.96	18.37
B	22.34	8.85	1.88	1.92	0.88	18.80
B	22.37	5.94	2.26	2.05	0.86	18.52
B	22.16	0.21	7.46	7.86	3.09	24.63
B	22.10	1.09	8.42	11.41	0.74	26.71
B	21.95	5.53	2.58	2.39	1.64	14.35
B	21.98	6.44	2.01	2.25	0.44	15.25
B	21.69	8.32	2.72	4.78	1.68	19.94
B	21.76	5.90	2.48	3.73	0.91	14.21
B	21.50	8.56	2.91	4.28	0.68	21.97
B	21.58	6.50	3.82	5.43	0.83	25.24
B	21.47	3.96	7.20	4.48	0.90	26.61
B	21.58	4.34	6.54	4.80	2.01	25.15
B	21.48	4.49	2.70	1.95	0.47	38.72
B	21.56	5.38	3.24	2.25	0.62	41.80
B	11.76	2.39	1.31	1.00	0.97	37.22
B	11.88	7.51	3.79	2.68	0.35	45.25
B	22.06	8.00	1.04	0.75	1.05	26.25
B	22.08	7.67	1.57	0.77	0.25	29.77
B	22.19	5.79	0.78	0.40	0.39	24.74
B	22.30	4.76	0.78	0.37	0.26	20.60
B	22.27	4.48	0.66	0.38	0.22	23.68
B	22.35	3.06	0.64	0.36	0.21	20.00
B	22.29	2.63	0.66	0.32	0.19	19.47
B	22.29	1.35	1.94	0.87	0.20	18.94
B	22.37	2.45	0.63	0.29	0.54	15.26
B	22.37	2.11	0.97	0.40	0.27	18.34
B	22.31	2.60	0.68	0.30	0.19	20.96
B	22.34	2.09	1.20	0.55	0.21	19.98
B	22.34	2.36	0.72	0.35	0.36	19.45
B	22.41					
B	22.46					
B	22.52	4.69	0.60	1.93	26.54	9.34
B	22.57	3.46	0.60	1.95	7.51	9.54
B	22.57	3.04	1.02	3.77	4.86	11.15
B	22.57	3.49	0.74	2.24	5.78	11.13
B	22.65	1.76	2.30	8.02	1.80	11.57
B	22.58	2.48	1.40	4.45	11.59	11.07
B	22.70	2.00	2.06	4.99	4.15	8.71
B	22.66	6.18	1.23	2.68	6.86	9.39
B	22.78	6.65	2.00	4.40	2.11	11.00

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
B	6.2	2.9	32.0	8.8	0.25	
B	6.4	3.2	32.0	8.4		
B	5.2	2.5	32.0	8.9	0.35	
B	5.9	2.7	32.0	8.5		
B	4.7	1.8	32.0	8.7	0.50	
B	5.4	2.3	32.0	8.6		
B			32.0	8.4		
B			32.0	8.1		
B	5.7	2.6	32.0	9.1	0.25	
B	5.5	2.2	32.0	8.8		
B	5.3	3.7	32.0	8.1	0.35	
B	5.7	2.9	32.0	7.9		
B	5.9	3.0	32.0	8.6	0.25	
B	6.4	2.9	32.0	8.3		
B	7.3	4.5	32.0	8.7	0.20	
B	6.7	6.0	32.0	8.4		
B	7.7	3.6	32.0	9.2	0.20	
B	7.4	6.8	32.0	9.0		
B	5.6	3.8	33.0	9.7	0.10	
B	8.0	19.1	32.0	9.3		
B	7.7	3.1	32.0	9.5	0.25	
B	8.5	3.9	32.0	9.4		
B	7.3	2.8	32.0	9.8		
B	7.3	2.7	31.5	9.6		
B	8.1	2.6	32.0	9.7		
B	8.6	2.6	31.5	9.6		
B	9.1	3.7	31.5	9.8		
B			31.5	9.6		
B	8.5	3.2	31.5	9.8		
B	8.4	3.5	31.5	9.6		
B	8.4	3.1	31.5	9.6		
B	8.8	4.7	31.5	9.5		
B	8.2	2.7	31.5	9.6		
B	8.4	3.6	31.5	9.3		
B	7.0	2.8	31.5	9.4		
B	6.8	2.5	30.5	9.0		
B	7.0	2.4	31.5	9.4		
B	7.0	2.9	30.5	9.1		
B	7.0	2.3	31.5	9.4		
B	7.0	4.3	30.5	9.0		
B	5.3	3.1	31.5	9.0		
B	5.4	4.0	30.5	8.7		
B	6.2	2.9	31.5	9.4	0.25	
B	5.9	3.1	31.5	8.9		

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
C	0.00	110488	1000	27.8150	97.3590	18.7	31.6
C	3.69	110488	1000	27.8150	97.3590	18.9	31.5
C	0.00	110488	1100	27.8150	97.3590	18.9	31.4
C	3.69	110488	1100	27.8150	97.3590	19.0	31.4
C	0.00	110488	1200	27.8150	97.3590	19.0	31.4
C	3.69	110488	1200	27.8150	97.3590	19.1	31.4
C	0.00	110488	1300	27.8150	97.3590	19.3	31.3
C	3.69	110488	1300	27.8150	97.3590	19.2	31.3
C	0.00	110488	1400	27.8150	97.3590	19.4	31.1
C	3.69	110488	1400	27.8150	97.3590	19.3	31.2
C	0.00	110488	1500	27.8150	97.3590	19.3	31.3
C	3.69	110488	1500	27.8150	97.3590	19.3	31.2
C	0.00	110488	1600	27.8150	97.3590	19.4	19.5
C	3.69	110488	1600	27.8150	97.3590	19.3	19.7
C	0.00	110488	1700	27.8150	97.3590	19.3	31.2
C	3.69	110488	1700	27.8150	97.3590	19.2	31.2
C	0.00	110488	1800	27.8150	97.3590	19.0	31.2
C	3.69	110488	1800	27.8150	97.3590	19.0	31.1
C	0.00	110488	1900	27.8150	97.3590	19.0	31.2
C	3.69	110488	1900	27.8150	97.3590	17.7	31.3
C	0.00	110488	2000	27.8150	97.3590	19.2	31.1
C	3.69	110488	2000	27.8150	97.3590	18.0	31.2
C	0.00	110488	2100	27.8150	97.3590	18.9	31.3
C	3.69	110488	2100	27.8150	97.3590	17.6	31.4
C	0.00	110488	2200	27.8150	97.3590	18.9	31.4
C	3.69	110488	2200	27.8150	97.3590	18.9	31.4
C	0.00	110488	2300	27.8150	97.3590	18.9	31.4
C	3.69	110488	2300	27.8150	97.3590	17.6	31.4
C	0.00	110488	2400	27.8150	97.3590	18.6	31.4
C	3.69	110488	2400	27.8150	97.3590	17.9	31.5
C	0.00	120488	100	27.8150	97.3590	18.5	31.4
C	3.69	120488	100	27.8150	97.3590	18.0	31.5
C	0.00	120488	200	27.8150	97.3590	18.4	31.5
C	3.69	120488	200	27.8150	97.3590	18.0	31.6
C	0.00	120488	300	27.8150	97.3590	18.2	31.5
C	3.69	120488	300	27.8150	97.3590	18.2	31.6
C	0.00	120488	400	27.8150	97.3590	18.1	31.6
C	3.69	120488	400	27.8150	97.3590	18.1	31.6
C	0.00	120488	500	27.8150	97.3590	18.0	31.5
C	3.69	120488	500	27.8150	97.3590	18.1	31.6
C	0.00	120488	600	27.8150	97.3590	18.1	31.5
C	3.69	120488	600	27.8150	97.3590	18.1	31.6
C	0.00	120488	700	27.8150	97.3590	17.9	31.4
C	3.69	120488	700	27.8150	97.3590	18.0	31.6

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
C	22.51	2.17	0.59	6.97		23.73
C	22.40	2.06	0.63	6.31		22.54
C	22.35	1.43	0.72	6.79		26.28
C	22.32	0.06	2.40	11.06		25.47
C	22.27	2.21	0.48	6.89		23.13
C	22.30	1.21	0.49	6.88		22.70
C	22.14	2.03	0.43	6.86		23.78
C	22.16	4.12	0.88	7.76		23.35
C	21.94	2.26	0.43	4.01		23.29
C	22.08	1.18	0.35	2.73		22.85
C	22.14	1.52	0.33	3.13		25.84
C	22.08	1.67	0.48	4.10		24.64
C	13.21	5.24	0.29	3.45		25.73
C	13.38	3.13	0.25	2.66		24.91
C	22.08	1.74	0.26	3.83		25.24
C	22.11	2.91	0.55	3.96		24.80
C	22.16	1.77	0.38	3.80		25.51
C	22.10	2.99	0.47	5.96		22.79
C	22.16	2.51	0.41	6.16		24.64
C	22.53	3.04	0.42	6.00		24.58
C	21.99	2.17	0.44	3.80		24.53
C	22.40	2.08	0.53	3.85		26.37
C	22.24	1.54	0.38	4.12		24.41
C	22.66	0.63	0.90	5.86		25.88
C	22.35	1.55	0.37	3.10		25.06
C	22.35	1.34	0.59	6.74		25.39
C	22.35	1.15	0.54	3.69		25.33
C	22.66	0.02	1.67	6.63		25.66
C	22.37	4.61	0.38	2.96		24.84
C	22.65	1.79	0.52	2.73		27.83
C	22.45	2.54	0.38	2.36		27.01
C	22.62	0.85	1.07	4.45		29.24
C	22.53	1.26	0.43	2.88		28.80
C	22.68	0.15	1.85	8.99		30.27
C	22.57	1.50	0.50	2.85		28.69
C	22.69	4.66	0.34	3.47		28.64
C	22.65	1.78	0.37	5.98		29.34
C	22.71	2.00	0.30	6.38		28.91
C	22.62	4.18	0.28	2.92		30.75
C	22.65	2.20	2.79	9.80		32.22
C	22.60	0.34	2.12	8.44		32.16
C	22.65	3.75	0.63	4.70		30.59
C	22.59	4.18	0.43	2.36		30.53
C	22.68	2.98	0.40	2.69		31.23

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
C	7.9	1.0	31.0	8.7	0.50	
C	6.8	2.5	31.0	8.4		
C	7.7	1.9	31.5	8.8	0.60	
C	6.9	2.7	31.5	8.4		
C	8.7	1.5	31.5	8.8	0.75	
C	7.5	2.5	32.0	8.6		
C	8.7	1.6	31.5	8.9	0.75	
C	7.8	2.8	31.5	8.8		
C	7.8	1.7	32.0	8.9	0.65	
C	8.0	1.7	32.0	8.7		
C	9.2	2.1	32.0	9.2	0.50	
C	10.0	1.6	32.0	8.9		
C	5.4	1.5	32.0	9.2	0.50	
C	5.3	1.9	32.0	8.9		
C	7.7	1.9	32.0	9.2	0.50	
C	7.5	3.4	32.0	8.9		
C	10.0	2.9	32.0	9.5	0.50	
C	6.9	2.1	32.0	9.1		
C	10.2	2.5	32.0	9.5	0.50	
C	9.5	4.4	32.0	8.8		
C	10.0	2.6	32.0	8.8	0.50	
C	10.1	6.0	31.5	8.5		
C	9.4	2.0	32.0	9.3		
C	8.9	3.1	32.0	8.9		
C	9.3	2.4	32.0	9.3		
C	8.0	4.6	32.0	9.1		
C	8.9	2.4	31.5	9.2		
C			31.5	8.9		
C	8.5	2.1	31.5	9.3		
C	8.3	2.8	32.0	9.1		
C			32.0	9.1		
C	8.4	3.2	32.0	8.9		
C	8.5	1.7	31.5	9.2		
C	7.7	3.0	31.5	9.0		
C	7.9	2.7	31.0	9.2		
C			31.0	9.0		
C	7.6	2.0	31.5	9.2		
C	7.9	2.7	31.0	8.9		
C	7.8	3.2	31.0	9.2		
C			31.0	8.9		
C	8.2	2.5	31.0	9.0		
C	8.9	4.5	31.0	9.0		
C	8.0	2.2	31.0	9.2		
C	8.0	2.4	31.0	8.9		

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
D	0.00	140488	1000	27.7070	97.1910	19.4	32.4
D	3.08	140488	1000	27.7070	97.1910	19.3	32.4
D	0.00	140488	1100	27.7070	97.1910	19.7	32.2
D	3.08	140488	1100	27.7070	97.1910	19.5	32.4
D	0.00	140488	1200	27.7070	97.1910	20.1	32.2
D	3.08	140488	1200	27.7070	97.1910	19.7	32.2
D	0.00	140488	1300	27.7070	97.1910	20.0	32.2
D	3.08	140488	1300	27.7070	97.1910	19.8	32.2
D	0.00	140488	1400	27.7070	97.1910	20.3	32.1
D	3.08	140488	1400	27.7070	97.1910	20.1	32.2
D	0.00	140488	1500	27.7070	97.1910	20.5	32.2
D	3.08	140488	1500	27.7070	97.1910	20.3	32.2
D	0.00	140488	1600	27.7070	97.1910	20.6	32.1
D	3.08	140488	1600	27.7070	97.1910	20.4	32.2
D	0.00	140488	1700	27.7070	97.1910	20.5	32.0
D	3.08	140488	1700	27.7070	97.1910	20.4	32.1
D	0.00	140488	1800	27.7070	97.1910	20.6	32.0
D	3.08	140488	1800	27.7070	97.1910	20.6	32.2
D	0.00	140488	1900	27.7070	97.1910	20.7	32.1
D	3.08	140488	1900	27.7070	97.1910	20.6	32.2
D	0.00	140488	2000	27.7070	97.1910	20.5	32.2
D	3.08	140488	2000	27.7070	97.1910	20.5	32.2
D	0.00	140488	2100	27.7070	97.1910	20.3	32.2
D	3.08	140488	2100	27.7070	97.1910	20.5	32.2
D	0.00	140488	2200	27.7070	97.1910	20.4	32.2
D	3.08	140488	2200	27.7070	97.1910	20.4	32.2
D	0.00	140488	2300	27.7070	97.1910	20.4	32.2
D	3.08	140488	2300	27.7070	97.1910	20.4	32.2
D	0.00	140488	2400	27.7070	97.1910	20.3	32.2
D	3.08	140488	2400	27.7070	97.1910	20.3	32.2
D	0.00	150488	100	27.7070	97.1910	20.2	32.2
D	3.08	150488	100	27.7070	97.1910	20.3	32.2
D	0.00	150488	200	27.7070	97.1910	20.2	32.1
D	3.08	150488	200	27.7070	97.1910	20.2	32.2
D	0.00	150488	300	27.7070	97.1910	20.0	32.0
D	3.08	150488	300	27.7070	97.1910	20.1	32.2
D	0.00	150488	400	27.7070	97.1910	20.0	32.0
D	3.08	150488	400	27.7070	97.1910	20.1	32.1
D	0.00	150488	500	27.7070	97.1910	20.0	32.0
D	3.08	150488	500	27.7070	97.1910	20.1	32.1
D	0.00	150488	600	27.7070	97.1910	19.9	31.9
D	3.08	150488	600	27.7070	97.1910	20.0	32.1
D	0.00	150488	700	27.7070	97.1910	19.9	31.9
D	3.08	150488	700	27.7070	97.1910	20.0	32.1

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
D	22.94	0.99	1.83	2.62	66.36	9.13
D	23.03	1.15	1.68	2.50	2.45	11.44
D	22.70	1.01	1.64	2.29	1.77	11.41
D	22.92	0.69	1.78	1.68	1.67	7.65
D	22.65	0.59	1.70	1.63	1.60	8.56
D	22.76	0.43	1.69	1.43	0.68	8.77
D	22.62	0.45	1.66	1.50	0.68	7.81
D	22.67	0.25	1.69	1.47	0.71	7.31
D	22.49	0.27	1.68	1.59	0.14	8.46
D	22.60	0.24	1.70	0.72	0.71	8.20
D	22.49	5.50	0.13	1.60	2.37	9.97
D	22.54	3.79	0.06	1.32	2.15	8.09
D	22.41	0.35	0.15	2.11	3.57	10.64
D	22.52	0.48	0.01	1.69	2.09	10.63
D	22.38	0.21	0.10	2.04	1.84	10.14
D	22.46	0.29	0.01	1.91	1.90	9.89
D	22.35	0.21	0.08	2.09	1.58	10.11
D	22.46	0.24	0.05	1.97	1.57	9.63
D	22.38	0.21	0.07	2.21	1.59	7.98
D	22.46	0.20	0.07	3.10	1.62	10.06
D	22.49	0.38	0.06	1.51	0.99	9.81
D	22.55	0.37	0.07	0.92	0.71	9.56
D	22.54	0.38	0.05	1.04	0.93	7.21
D	22.55	0.22	0.03	1.16	1.53	7.66
D	22.52	0.20	0.05	0.81	1.45	7.88
D	22.57	0.40	0.01	1.04	1.07	9.97
D	22.57	0.31	0.10	1.15	1.50	7.15
D	22.57	0.21	0.01	1.36	1.22	9.93
D	22.60	0.13	0.09	1.54	1.37	9.68
D	22.60	0.11	0.10	0.91	1.60	7.80
D	22.63	0.30	0.09	1.14	1.21	6.38
D	22.60	0.30	0.08	1.15	1.51	6.37
D	22.51	0.11	0.08	1.27	1.53	5.42
D	22.57	0.23	0.14	1.12	1.96	5.17
D	22.51	0.09	0.09	1.00	1.37	5.15
D	22.60	7.29	0.12	0.56	4.24	8.49
D	22.51	5.39	0.09	1.06	3.07	7.76
D	22.54	1.14	0.10	1.17	2.71	6.55
D	22.51	1.18	0.07	1.66	2.79	7.92
D	22.54	0.98	0.09	2.45	2.40	7.42
D	22.43	0.84	0.06	1.64	1.60	5.28
D	22.57	0.09	0.11	2.39	2.37	6.41
D	22.43	0.10	0.09	3.13	2.96	9.41
D	22.57	0.00	0.19	2.50	3.59	7.74

NUECES/CORPUS CHRISTI BAY (NIPS-II) APR 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
D	1.4	1.1	32.5	9.0	1.00	
D	2.1	1.1	32.5	8.6		
D	2.2	0.8	32.5	8.8	1.00	
D	2.7	0.7	34.0	8.4		
D	2.7	0.8	32.5	9.1	1.00	
D	2.8	1.0	33.0	8.6		
D			33.0	8.9	1.00	
D			33.0	8.7		
D	3.1	1.1	32.5	9.0	1.00	
D	2.4	0.9	33.0	8.8		
D	2.5	0.9	33.0	9.1	0.90	
D	2.7	1.4	33.0	8.8		
D	3.1	1.2	33.0	9.1	0.80	
D	2.8	1.1	33.0			
D	2.6	1.2	33.0	9.2	0.90	
D	2.7	1.0	33.0	8.8		
D	2.6	1.3	32.5	9.2	0.60	
D	2.6	0.9	33.0	8.9		
D	2.7	1.3	32.5	9.0	0.60	
D	2.6	1.2	32.5	8.8		
D	2.4	1.1	32.5	9.0	0.60	
D	2.4	1.4	32.5	8.7		
D	2.6	1.8	32.5	9.0		
D	2.7	1.3	32.5	8.6		
D	2.3	1.3	32.5	9.0		
D	2.7	2.4	32.0	8.6		
D	2.1	1.6	32.0	9.0		
D	2.3	1.4	32.0	8.6		
D	2.4	1.3	32.0	8.9		
D	2.4	1.7	32.0	8.5		
D	2.1	1.0	32.0	8.8		
D	2.1	0.9	32.0	8.4		
D	2.2	1.2	32.0	8.3		
D	2.4	1.9	31.0	8.4		
D	2.2	1.1	32.0	8.5		
D	2.2	1.3	32.0	8.4		
D	2.0	1.2	32.0	8.4		
D	2.5	2.0	31.5	8.4		
D	2.2	0.8	32.0	8.6		
D	2.6	1.4	31.5	8.3		
D	2.0	1.4	32.0	8.6		
D	2.8	1.6	31.5	8.3		
D	2.1	0.9	32.0	8.6		
D	3.8	2.4	31.5	8.3		

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-CTD
1	0.00	110588	1037	27.8670	97.5200	26.4	34.9
1	0.90	110588	1037	27.8670	97.5200	26.4	34.7
2	0.00	110588	1047	27.8620	97.5250	26.6	35.6
2	0.85	110588	1047	27.8620	97.5250	26.6	35.6
3	0.00	110588	1105	27.8760	97.5070	26.0	35.0
3	0.95	110588	1105	27.8760	97.5070	26.6	34.4
4	0.00	110588	1301	27.8470	97.5010	26.8	33.5
4	1.10	110588	1301	27.8470	97.5010	26.8	33.4
4A	0.00	110588	1339	27.8480	97.5440	27.8	23.9
4A	1.20	110588	1339	27.8480	97.5440	27.7	23.9
5	0.00	110588	1132	27.8600	97.4950	26.5	33.5
5	2.00	110588	1132	27.0600	97.4950	26.7	33.8
6	0.00	110588	1358	27.8350	97.4900	26.5	33.5
6	0.90	110588	1358	27.8350	97.4900	26.7	33.8
7	0.00	110588	1408	27.8500	97.4800	26.5	34.2
7	1.20	110588	1408	27.8500	97.4800	26.8	34.1
8	0.00	110588	1436	27.8600	97.4610	27.1	33.7
8	1.00	110588	1436	27.8600	97.4610	27.4	33.5
9	0.00	110588	1424	27.8420	97.4550	26.5	33.7
9	1.30	110588	1424	27.8420	97.4550	26.9	33.5
10	0.00	110588	1501	27.8610	97.4250	27.2	33.3
10	1.25	110588	1501	27.8610	97.4250	27.2	33.3
11	0.00	110588	1515	27.8500	97.4250	27.0	33.7
11	1.45	110588	1515	27.8500	97.4250	27.1	33.8
12	0.00	110588	1529	27.8310	97.4230	27.0	33.6
12	1.20	110588	1529	27.8310	97.4230	27.3	33.3
13	0.00	110588	1540	27.9100	97.4960	27.0	33.3
13	1.35	110588	1540	27.9100	97.4960	27.3	33.2
14	0.00	110588	1559	27.8760	97.4020	27.3	32.2
14	1.20	110588	1559	27.8650	97.4020	27.4	32.0
15	0.00	110588	1643	27.8520	97.3710	26.4	29.4
15	0.80	110588	1643	27.8520	97.3710	26.5	32.0
16	0.00	110588	1700	27.8380	97.3760	26.4	32.0
16	7.69	110588	1700	27.8380	97.3760	26.4	32.3
17	0.00	100588	1514	27.8120	97.3880	25.6	31.7
17	15.38	100588	1514	27.8120	97.3880	25.1	32.0
18	0.00	100588	1626	27.8570	97.3350	26.0	32.0
18	2.76	100588	1626	27.8570	97.3550	26.0	32.1
19	0.00	100588	1546	27.8150	97.3590	25.9	32.3
19	3.69	100588	1546	27.8150	97.3590	25.7	32.3
20	0.00	100588	1458	27.7900	97.3730	26.1	32.6
20		100588	1548	27.7900	97.3730	25.9	32.7
21	0.00	100588	1400	27.7440	97.3710	25.8	32.7
21	2.76	100588	1400	27.7440	97.3710	25.7	33.0
22	0.00	100588	1341	27.7140	97.3140	25.6	33.1
22	2.76	100588	1341	27.7140	97.3140	25.6	33.1
23	0.00	100588	1438	27.7760	97.3170	25.4	32.2
23	2.76	100588	1438	27.7760	97.3170	25.2	32.2
24	0.00	100588	1053	27.8110	97.2640	25.5	32.2
24	14.15	100588	1053	27.8110	97.2640	24.8	30.3
25	0.00	100588	1040	27.8280	97.2570	24.7	32.1
25	2.46	100588	1040	27.8280	97.2570	24.5	32.0
26	0.00	100588	1017	27.8200	97.1980	24.9	32.2
26	14.10	100588	1017	27.8200	97.1980	24.9	32.1

LIBRARY
THE UNIVERSITY OF TEXAS AT AUSTIN

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

27	0.00	100588	1115	27.7510	97.2210	25.2	32.4
27	4.00	100588	1115	27.7510	97.2210	25.1	32.8
28	0.00	100588	1320	27.6860	97.2510	26.1	35.3
28	6.15	100588	1320	27.6860	97.2510	26.2	35.3
29	0.00	100588	1209	27.6330	97.2390	25.9	35.8
29	1.10	100588	1209	27.6330	97.2390	25.5	39.0
30	0.00	100588	1142	27.6910	97.2170	25.4	33.2
30	1.10	100588	1142	27.6910	97.2170	25.3	33.2
31	0.00	100588	1134	27.7070	97.1910		
31	2.76	100588	1134	27.7070	97.1910		
32	0.00	100588	937	27.8100	97.1480	25.1	31.2
32	1.70	100588	937	27.8100	97.1480	25.0	32.5
33	0.00	100588	956	27.6840	97.154C	24.9	32.4
33	14.46	100588	956	27.6840	97.1540	24.9	32.2
34	0.00	100588	1612	27.8480	97.2790	27.8	23.9
34	3.38	100588	1612	27.8480	97.2790	27.7	23.9
35				27.8750	97.3480		
35				27.8750	97.3480		

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
1	22.85	0.35	1.63	12.27	2.31	68.54
1	22.73	2.18	0.73	9.92	1.26	46.79
2	23.34	1.76	1.08	11.70	2.42	79.47
2	23.31	20.91		18.46	5.44	78.25
3	23.06	1.91	1.37	5.06	1.81	51.96
3	22.46	1.33	1.60	10.09	1.97	59.82
4	21.70	2.80	1.77	15.12	2.88	58.12
4	21.64	20.28		24.71	4.67	58.34
4A	14.17	0.39	1.50	6.25	5.88	80.04
4A	14.22	1.64	3.02	17.36	7.97	70.70
5	21.80	2.37	1.38	6.84	1.52	32.24
5	21.94	21.77		22.69	5.33	47.25
6	21.80	0.37	2.12	8.90	3.41	71.58
6	21.94	2.26	0.74	10.13	2.37	60.81
7	22.33	4.32	1.15	12.24	1.56	43.12
7	22.16	3.92	2.63	18.55	2.33	45.01
8	21.76	1.81	4.39	20.30	3.79	46.18
8	21.53	2.54	2.75	16.51	2.70	37.56
9	21.94	0.64	1.75	8.14	2.66	58.54
9	21.67	21.77		15.55	3.77	48.97
10	21.44	3.52	2.87	21.61	1.00	38.54
10	21.39	2.21	1.24	8.72	1.15	28.47
11	21.77	0.67	2.24	8.93	1.84	64.24
11	21.86	0.61	1.90	8.31	1.91	48.92
12	21.75	1.61	1.36	7.31	1.91	46.97
12	21.37	5.05	0.35	5.46	1.07	34.75
13	21.50	3.92	1.79	10.92	1.67	36.62
13	21.29	0.43	2.91	14.79	1.26	34.19
14	20.54	4.81	0.53	5.50	0.66	12.42
14	20.40	2.89	0.65	14.05	0.93	18.59
15	18.72	2.58	0.28	4.64	0.38	7.09
15	20.66	2.64	0.24	3.94	0.41	8.00
16	20.66	2.98	0.22	4.75	0.31	12.50
16	20.93	1.90	1.04	6.56	0.71	12.93
17	20.73	2.20	1.26	1.57	0.16	16.14
17	21.07	1.74	0.48	1.09	0.27	14.44
18	20.78	2.90	0.22	0.45	0.16	7.73
18	20.85	2.46	0.29	0.85	0.08	9.14
19	21.07	1.76	0.19	0.95	0.10	14.60
19	21.12	1.84	0.16	0.85	0.12	13.39
20	21.25	2.03	0.16	0.81	0.12	10.26
20	21.35	1.08	0.16	0.94	0.10	9.52
21	21.43	1.51	0.21	0.57	0.10	10.92
21	21.62	1.16	0.18	1.03	0.12	11.14
22	21.73	0.91	0.20	0.74	0.12	12.55
22	21.73	2.37	0.07	0.34	0.10	12.04
23	21.10	1.53	0.10	1.37	0.09	9.87
23	21.23	1.30	0.10	0.87	0.09	8.18
24	21.07	2.79	0.07	0.58	0.09	12.45
24	19.88	1.38	0.96	1.87	0.12	11.47
25	21.25	1.86	0.11	0.73	0.25	0.25
25	21.25	1.66	0.07	0.80	0.11	7.60
26	21.30	1.74	0.04	0.53	0.10	10.20
26	21.25	1.46	0.09	0.70	0.23	8.98

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

27	21.37	2.14	0.03	0.39	0.17	7.76
27	21.72	1.53	0.11	0.95		8.22
28	23.28	1.77	0.06	0.54	0.12	33.50
28	23.27	1.59	0.01	0.66	0.24	27.98
29	23.73	1.32	0.05	0.71	0.13	20.08
29	26.27	3.33	0.18	3.96	0.52	46.15
30	21.94	3.26	0.15	6.65	0.42	13.40
30	21.95	2.77	0.09	2.38	0.09	13.60
31		2.52	0.09	3.13	0.09	8.78
31		2.01	0.07	4.47	0.38	13.04
32	20.46	1.99	0.11	1.97	0.43	10.85
32	21.48	2.27	0.01	1.72	0.32	9.62
33	21.42	1.87	0.15	1.22	0.38	10.77
33	21.27	2.15	0.18	2.40	0.49	8.82
34	14.17	2.25	0.11	3.64	0.43	8.30
34	14.22	6.66	0.13	3.16	0.41	8.50
35						
35						

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS	SAL-B
1	13.4	7.6	36.0		0.20		34.86
1	15.1	7.5					
2	10.6	7.2	37.0		0.25		
2	17.3	7.9					
3	14.1	12.9	36.0		0.35		
3	13.6	4.2					
4	9.9	4.9	34.5		0.15		
4	10.0	10.4					
4A	62.8	13.5	24.0		0.15		22.85
4A	63.3	15.4					
5	12.6	4.7	35.0		0.25		
5	22.4	27.2					
6	12.3	6.3	35.0		0.20		
6	12.8	6.4					
7	12.5	5.8	40.0		0.15		
7	14.5	7.0					
8	14.0	9.2	35.0		0.10		
8	10.1	6.8					
9	14.3	6.3	34.5	4.5	0.20		
9	14.0	8.7					
10	12.3	8.9	34.0		0.15		33.99
10	11.4	8.3					
11	16.5	9.8	35.0		0.10		
11	16.6	9.3					
12	17.7	8.3	35.0		0.15		
12	17.5	9.6					
13	13.8	7.0	34.5		0.20		
13	14.9	13.1					
14	4.2	3.3	33.0		0.40		
14	3.9	4.2					
15	4.1	1.9	32.0		0.55		
15	4.3	2.7					
16	5.6	3.4	33.0		0.50		
16	5.7	3.6					
17	11.6	2.9	31.0	3.2	1.20		31.77
17	7.4	3.5		5.2			32.22
18	5.3	2.4	32.0		0.85		
18	5.0	2.0					
19	8.4	2.5	34.5		0.95		
19	8.2	2.4					
20	8.0	2.6	37.0		1.05		
20	6.5	1.7					
21	6.7	2.0	35.0		0.60		
21	7.4	3.0					
22	4.3	1.3	36.0		1.25		
22	4.3	1.3					
23	5.1	1.7	33.0	7.5	1.20		
23	6.2	2.1	33.0	5.4			
24	6.0	2.1		5.9	1.00		32.31
24	7.0	6.3		6.2			
25	4.7	1.3	32.0		1.10		
25	3.7	1.4					
26	6.5	3.2	32.0	5.4	0.95		
26	6.2	8.9	32.0	6.4			

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

27	3.1	1.3		6.9	1.70	
27	3.9	1.6		6.1		
28	4.5	1.3	36.0	5.7	0.90	
28	4.9	2.0		4.6		
29	1.6	0.9	39.0	3.4	2.20	39.14
29	4.6	1.4	39.0	3.5		
30	4.9	1.7			1.10	
30	4.3	1.6				
31	4.1	1.5			1.75	
31	5.1	1.8				
32	5.2	1.7			1.05	32.68
32	5.3	2.5				
33	5.9	5.6	33.0	5.9	0.80	
33	6.0	2.2	32.0	6.2		
34	6.5	2.4	33.0		0.90	
34	2.1	2.0				
35						
35						

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
A	0.00	90588	1000	27.8500	97.4800	25.5	33.8
A	1.23	90588	1000	27.8500	97.4800	25.4	33.8
A	0.00	90588	1100	27.8500	97.4800	25.6	33.6
A	1.23	90588	1100	27.8500	97.4800	25.6	33.7
A	0.00	90588	1200	27.8500	97.4800	26.4	33.7
A	1.23	90588	1200	27.8500	97.4800	26.2	33.7
A	0.00	90588	1300	27.8500	97.4800	26.4	33.6
A	1.23	90588	1300	27.8500	97.4800	26.3	33.6
A	0.00	90588	1400	27.8500	97.4800	27.0	33.6
A	1.23	90588	1400	27.8500	97.4800	26.9	33.7
A	0.00	90588	1500	27.8500	97.4800	27.3	33.6
A	1.23	90588	1500	27.8500	97.4800	27.3	33.7
A	0.00	90588	1600	27.8500	97.4800	27.5	33.6
A	1.23	90588	1600	27.8500	97.4800	27.5	33.6
A	0.00	90588	1700	27.8500	97.4800	27.6	33.6
A	1.23	90588	1700	27.8500	97.4800	27.5	33.6
A	0.00	90588	1800	27.8500	97.4800	27.6	33.8
A	1.23	90588	1800	27.8500	97.4800	27.6	33.7
A	0.00	90588	1900	27.8500	97.4800	27.4	33.7
A	1.23	90588	1900	27.8500	97.4800	27.4	33.7
A	0.00	90588	2000	27.8500	97.4800	27.2	33.8
A	1.23	90588	2000	27.8500	97.4800	27.2	33.8
A	0.00	90588	2100	27.8500	97.4800	27.0	33.7
A	1.23	90588	2100	27.8500	97.4800	27.1	33.7
A	0.00	90588	2200	27.8500	97.4800	27.0	33.6
A	1.23	90588	2200	27.8500	97.4800	27.0	33.6
A	0.00	90588	2300	27.8500	97.4800	26.8	33.6
A	1.23	90588	2300	27.8500	97.4800	26.9	33.7
A	0.00	90588	2400	27.8500	97.4800	26.5	33.7
A	1.23	90588	2400	27.8500	97.4800	26.7	33.8
A	0.00	100588	100	27.8500	97.4800	26.6	33.6
A	1.23	100588	100	27.8500	97.4800	26.7	33.7
A	0.00	100588	200	27.8500	97.4800	26.5	33.6
A	1.23	100588	200	27.8500	97.4800	26.5	33.5
A	0.00	100588	300	27.8500	97.4800	26.2	33.5
A	1.23	100588	300	27.8500	97.4800	26.3	33.5
A	0.00	100588	400	27.8500	97.4800	26.1	33.4
A	1.23	100588	400	27.8500	97.4800	26.2	33.5
A	0.00	100588	500	27.8500	97.4800	26.0	33.2
A	1.23	100588	500	27.8500	97.4800	26.1	33.3
A	0.00	100588	600	27.8500	97.4800	25.9	33.3
A	1.23	100588	600	27.8500	97.4800	26.0	33.4
A	0.00	100588	700	27.8500	97.4800	25.7	33.5
A	1.23	100588	700	27.8500	97.4800	25.8	33.7

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
A	22.30	13.13	4.13		2.46	63.49
A	22.38	7.72	0.99	13.68	1.51	56.99
A	22.10	11.68	1.07	14.66	1.70	59.36
A	22.21	8.04	1.13	13.96	1.42	56.01
A	21.97	9.26	1.88	7.76	3.31	56.56
A	22.03	11.50	3.09		2.33	63.03
A	21.86	9.37	1.02	5.07	0.73	51.45
A	21.89	8.33	1.15	11.57	0.88	52.15
A	21.67	7.43	4.45	9.68	3.05	59.82
A	21.81	2.88	1.17	8.45	1.16	51.90
A	21.63	3.54	0.88	11.37	1.26	56.42
A	21.69	3.40	0.97	8.40	1.22	56.64
A	21.51	9.81	2.40	8.17	4.31	59.59
A	21.57	3.07	1.10	9.04	1.16	49.70
A	21.48	2.72	0.97	7.38	1.00	50.64
A	21.57	4.27	0.78	12.29	0.90	53.01
A	21.65	5.76	0.80	3.09	0.94	58.01
A	21.59	2.44	1.94	5.27	1.09	53.93
A	21.66	2.82	0.94	6.39	1.29	54.15
A	21.66	13.97	2.58	6.21	2.84	59.85
A	21.77	5.21	1.56	4.70	2.84	50.44
A	21.77	4.97	1.58	5.07	2.15	47.97
A	21.78	8.38	3.24	11.32	2.25	64.12
A	21.75	2.79	0.91	9.22	1.05	47.93
A	21.73	3.14	0.80	10.77	1.14	46.96
A	21.73	2.75	1.13	1.78	0.97	53.87
A	21.79	2.77	1.06	6.09	1.16	50.51
A	21.81	4.19	2.48	5.16	3.86	45.77
A	21.94	2.44	0.91	5.02	1.16	48.58
A	21.93	2.53	0.77	6.65	1.33	51.19
A	21.79	3.04	1.05	12.75	1.17	41.38
A	21.87	6.05	1.47	7.49	2.29	37.10
A	21.82	3.31	1.15	13.12	1.05	43.28
A	21.77	6.53	1.67	8.04	2.11	41.83
A	21.86	9.91	1.57	10.92	2.20	35.64
A	21.83	2.81	1.17	14.61	1.13	38.73
A	21.84	2.39	1.11	10.21	1.14	40.62
A	21.86	11.34	2.07	7.50	1.72	41.37
A	21.70	4.28	1.30	13.75	1.04	37.02
A	21.73	8.88	4.32	9.53	2.49	45.11
A	21.79	20.91	1.39	11.52	2.58	47.11
A	21.87	7.42	1.51	8.43	1.56	35.22
A	22.01	17.55	1.26	10.19	1.10	39.36
A	22.15	4.74	1.65	7.65	2.21	39.45

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
A	9.9	3.6		7.5	0.25	
A	9.9	3.8		6.8		
A	11.9	2.9		7.4	0.25	
A	13.1	3.1				
A	12.6	3.2		8.1	0.25	
A	15.8	3.4		7.5		
A	12.5	3.2		8.1	0.25	
A	13.6	4.3				
A	13.2	3.9		8.1	0.25	
A	13.2	5.0		7.7		
A	11.5	4.4		8.2	0.25	
A	13.7	8.8				
A	12.8	5.2		8.2	0.25	
A	13.4	6.5		8.4		
A	13.7	4.8		8.5	0.25	
A	14.3	5.6				
A	6.5	3.7		8.7		
A	6.8	4.3				
A	10.2	5.1				
A	9.4	5.1				
A	13.3	6.8		7.4		
A	14.4	8.2		7.9		
A	12.4	8.3		7.8		
A	12.2	10.8				
A	9.0	6.4		7.6		
A	10.5	8.3		7.5		
A	10.9	5.8		7.5		
A	11.2	7.7				
A	9.1	6.1		7.5		
A	16.1	19.0				
A	6.5	5.2		7.6		
A	16.7	21.2				
A	6.8	4.2		7.2		
A	11.0	10.6				
A	6.7	4.3		7.1		
A	7.6	9.7		7.4		
A	6.8	4.5		7.2		
A	6.9	6.3				
A	6.3	4.7		7.1		
A	7.5	8.3				
A	6.9	5.0		7.0		
A	9.2	9.7		9.1		
A	6.6	4.9		7.4		
A	6.6	4.7				

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
B	0.00	110588	1000	27.9100	97.4960	25.8	32.9
B	1.23	110588	1000	27.9100	97.4960	25.8	33.0
B	0.00	110588	1100	27.9100	97.4960	26.1	33.0
B	1.23	110588	1100	27.9100	97.4960	25.9	33.0
B	0.00	110588	1200	27.9100	97.4960	26.1	33.1
B	1.23	110588	1200	27.9100	97.4960	26.2	33.0
B	0.00	110588	1300	27.9100	97.4960	26.5	32.7
B	1.23	110588	1300	27.9100	97.4960	26.5	32.8
B	0.00	110588	1400	27.9100	97.4960	27.0	32.5
B	1.23	110588	1400	27.9100	97.4960	27.0	32.6
B	0.00	110588	1500	27.9100	97.4960	26.9	32.6
B	1.23	110588	1500	27.9100	97.4960	27.2	32.5
B	0.00	110588	1600	27.9100	97.4960	27.1	32.5
B	1.23	110588	1600	27.9100	97.4960	27.1	32.7
B	0.00	110588	1700	27.9100	97.4960	27.1	32.6
B	1.23	110588	1700	27.9100	97.4960	27.1	32.7
B	0.00	110588	1800	27.9100	97.4960	26.6	32.1
B	1.23	110588	1800	27.9100	97.4960	26.7	32.2
B	0.00	110588	1900	27.9100	97.4960	26.0	32.0
B	1.23	110588	1900	27.9100	97.4960	26.2	32.2
B	0.00	110588	2000	27.9100	97.4960	26.0	32.0
B	1.23	110588	2000	27.9100	97.4960	26.2	32.2
B	0.00	110588	2100	27.9100	97.4960	26.0	32.1
B	1.23	110588	2100	27.9100	97.4960	26.1	32.1
B	0.00	110588	2200	27.9100	97.4960	25.9	32.2
B	1.23	110588	2200	27.9100	97.4960	26.1	32.2
B	0.00	110588	2300	27.9100	97.4960	25.9	32.1
B	1.23	110588	2300	27.9100	97.4960	25.7	32.2
B	0.00	110588	2400	27.9100	97.4960	25.7	32.3
B	1.23	110588	2400	27.9100	97.4960	25.8	32.5
B	0.00	120588	100	27.9100	97.4960	25.6	32.0
B	1.23	120588	100	27.9100	97.4960	25.8	32.2
B	0.00	120588	200	27.9100	97.4960	25.5	32.0
B	1.23	120588	200	27.9100	97.4960	25.6	
B	0.00	120588	300	27.9100	97.4960	25.3	32.0
B	1.23	120588	300	27.9100	97.4960	25.5	32.4
B	0.00	120588	400	27.9100	97.4960	25.2	32.2
B	1.23	120588	400	27.9100	97.4960	25.4	32.4
B	0.00	120588	500	27.9100	97.4960	25.1	32.1
B	1.23	120588	500	27.9100	97.4960	25.2	32.1
B	0.00	120588	600	27.9100	97.4960	25.0	32.4
B	1.23	120588	600	27.9100	97.4960	25.0	32.4
B	0.00	120588	700	27.9100	97.4960	24.7	32.3
B	1.23	120588	700	27.9100	97.4960	24.9	32.4

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
B	21.54	13.96	1.44	4.49	0.80	39.35
B	21.65	10.61	1.11	5.39	0.69	45.31
B	21.50	10.65	1.06	0.96	0.81	41.72
B	21.62	10.31	1.26	6.54	0.82	37.42
B	21.61	10.36	1.06	5.20	0.88	38.84
B	21.53	11.37	1.60	9.09	1.24	45.28
B	21.22	11.66	1.17	6.73	0.72	32.86
B	21.27	13.02	1.22	8.89	0.83	37.62
B	20.90	9.58	1.12	4.80	0.59	24.48
B	20.95	9.87	1.10	5.26	0.91	28.06
B	20.98	10.26	1.42	0.60	0.55	28.29
B	20.83	10.15	1.38	6.20	0.54	26.13
B	20.87	2.56	5.37	8.04		34.91
B	20.98	3.01	3.37	8.39	4.63	29.71
B	20.92	8.81	3.04	7.57		35.37
B	20.98	28.44			2.32	37.62
B	20.69	4.22	2.15	5.58	7.82	22.43
B	20.71	28.37			2.21	31.63
B	20.82	2.06	2.78	5.88	3.63	20.40
B	20.92	2.07	8.00		4.17	24.89
B	20.82	3.76	1.36	7.59	1.39	17.75
B	20.87	1.46	4.82	6.67	15.96	34.84
B	20.87	2.74	0.59	3.88	0.04	16.10
B	20.84	0.42	2.99	8.77	2.45	22.51
B	20.96	5.29	2.70	10.24	2.72	33.56
B	20.90	2.35	3.94	9.58	4.71	34.02
B	20.90	5.60	1.32	5.08	0.52	30.67
B	21.02	7.17	3.32	9.95	2.46	33.36
B	21.13	4.68	1.62	6.31	0.88	33.49
B	21.26	5.23	0.98	5.95	1.23	28.98
B	20.94	10.93	1.46	10.60	0.46	25.13
B	21.04	5.68	0.98	5.97	0.12	21.61
B	20.97	5.08	0.97	4.04	0.11	21.25
B		2.75	3.29	8.89	2.83	26.42
B	21.03	5.96	0.98	4.30	0.27	24.06
B	21.30	4.65	1.48	5.68	0.11	28.49
B	21.17	5.57	1.02	4.58	0.66	29.13
B	21.33	5.11	1.57	5.61	0.97	31.80
B	21.14	6.53	1.14	4.60	0.50	21.75
B	21.11	5.22	1.29	5.07	0.75	24.44
B	21.39	14.99	1.91	5.67	1.03	36.23
B	21.39	5.60	1.45	5.48	1.20	27.50
B	21.43	8.79	1.49	6.43	4.26	34.09
B	21.42	8.60	2.30	7.67	1.94	35.78

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
B	10.1	5.5		7.3	0.20	
B	11.0	9.0		7.1		
B	10.3	4.5		7.6	0.20	
B	9.3	8.9		7.9		
B	10.0	4.8		7.8		
B	12.8	15.3				
B	11.8	5.2		8.4		
B	13.2	6.2		7.5		
B	11.8	3.8		8.6		
B	11.0	4.3				
B	8.8	3.5		7.9	0.20	
B	10.1	4.5		7.5		
B	12.5	4.4		8.2	0.20	
B	17.5	20.6		7.9		
B	15.0	4.7		8.2	0.20	
B	16.3	20.4				
B	8.5	3.7		8.3	0.20	
B	5.8	6.0				
B	7.0	5.2		8.4		
B	6.0	5.5		7.7		
B	8.4	6.2		7.8		
B	5.4	11.7				
B	8.8	6.6		7.9		
B	8.6	7.4		7.8		
B	6.3	4.8		7.5		
B	5.5	4.8		7.3		
B	9.1	7.0		7.2		
B	12.3	8.0		7.1		
B	7.4	3.6		7.4		
B	8.2	4.8				
B	10.3	6.0		7.5		
B	10.7	7.1				
B	9.1	5.3				
B	10.8	8.0				
B	9.9	5.6				
B	11.4	7.8				
B	9.6	4.2				
B	11.2	6.0				
B	10.1	5.4				
B	11.1	6.8				
B	10.1	6.1		7.7		
B	11.6	9.6				
B	9.5	9.5				
B	11.6	12.9				

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
C	0.00	90588	1000	27.8150	97.3590	24.5	31.6
C	3.69	90588	1000	27.8150	97.3590	24.3	31.7
C	0.00	90588	1100	27.8150	97.3590	24.3	31.6
C	3.69	90588	1100	27.8150	97.3590	24.6	31.8
C	0.00	90588	1200	27.8150	97.3590	24.6	31.6
C	3.69	90588	1200	27.8150	97.3590	24.6	31.6
C	0.00	90588	1300	27.8150	97.3590	24.9	31.6
C	3.69	90588	1300	27.8150	97.3590	24.8	31.6
C	0.00	90588	1400	27.8150	97.3590	24.9	31.6
C	3.69	90588	1400	27.8150	97.3590	24.9	31.6
C	0.00	90588	1500	27.8150	97.3590	25.1	31.5
C	3.69	90588	1500	27.8150	97.3590	25.0	31.6
C	0.00	90588	1600	27.8150	97.3590	25.2	31.6
C	3.69	90588	1600	27.8150	97.3590	25.2	31.6
C	0.00	90588	1700	27.8150	97.3590	25.2	31.6
C	3.69	90588	1700	27.8150	97.3590	25.1	31.6
C	0.00	90588	1800	27.8150	97.3590	25.3	31.5
C	3.69	90588	1800	27.8150	97.3590	25.2	31.6
C	0.00	90588	1900	27.8150	97.3590	25.2	31.6
C	3.69	90588	1900	27.8150	97.3590	25.2	31.6
C	0.00	90588	2000	27.8150	97.3590	25.2	31.6
C	3.69	90588	2000	27.8150	97.3590	25.2	31.6
C	0.00	90588	2100	27.8150	97.3590	25.1	31.6
C	3.69	90588	2100	27.8150	97.3590	25.2	31.7
C	0.00	90588	2200	27.8150	97.3590	25.1	31.6
C	3.69	90588	2200	27.8150	97.3590	25.1	31.7
C	0.00	90588	2300	27.8150	97.3590	25.0	31.6
C	3.69	90588	2300	27.8150	97.3590	25.1	31.7
C	0.00	90588	2400	27.8150	97.3590	25.0	31.6
C	3.69	90588	2400	27.8150	97.3590	25.0	31.8
C	0.00	100588	100	27.8150	97.3590	24.9	31.7
C	3.69	100588	100	27.8150	97.3590	25.0	31.8
C	0.00	100588	200	27.8150	97.3590	24.9	31.8
C	3.69	100588	200	27.8150	97.3590	25.0	31.9
C	0.00	100588	300	27.8150	97.3590	24.9	31.8
C	3.69	100588	300	27.8150	97.3590	25.0	31.8
C	0.00	100588	400	27.8150	97.3590	24.9	31.7
C	3.69	100588	400	27.8150	97.3590	25.0	31.8
C	0.00	100588	500	27.8150	97.3590	24.9	31.7
C	3.69	100588	500	27.8150	97.3590	25.0	31.8
C	0.00	100588	600	27.8150	97.3590	24.9	31.8
C	3.69	100588	600	27.8150	97.3590	25.0	31.8
C	0.00	100588	700	27.8150	97.3590	24.9	31.7
C	3.69	100588	700	27.8150	97.3590	24.9	31.7

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
C	20.99					
C	21.10					
C	20.99					
C	21.07					
C	20.96					
C	20.96					
C	20.87					
C	20.90					
C	20.82					
C	20.82					
C	20.70					
C	20.79					
C	20.73					
C	20.78					
C	20.73					
C	20.76					
C	20.64					
C	20.73					
C	20.73					
C	20.73					
C	20.78					
C	20.78					
C	20.76					
C	20.84					
C	20.81					
C	20.87					
C	20.84					
C	20.87					
C	20.84					
C	20.95					
C	20.93					
C	20.95					
C	20.98					
C	21.01					
C	20.98					
C	20.95					
C	20.93					
C	20.95					
C	20.93					
C	20.95					
C	20.98					
C	20.95					
C	20.93					
C	20.93					

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
C	6.5	2.2		8.2	0.30	
C	7.3	4.9		7.7		
C	7.3	2.6		8.3		
C	7.6	4.7		7.7		
C	6.3	2.1		8.3	0.30	
C	6.8	2.4		7.9		
C	7.6	1.9		8.3		
C	7.8	2.2		7.6		
C	8.5	1.4		8.3	0.50	
C	8.6	2.2		7.9		
C	7.3	2.0		8.5	0.50	
C	7.8	1.7		7.9		
C	5.7	1.6		8.5	0.50	
C	5.5	1.9		8.1		
C	6.6	1.5		8.6	0.50	
C	7.2	2.0		8.4		
C	6.0	1.6		8.5	0.50	
C	6.5	1.5				
C	6.3	1.8		8.5	0.50	
C	6.7	2.0				
C	4.7	2.0		8.5	0.30	
C	4.5	2.0				
C	5.1	2.1		8.3		
C	4.3	2.8				
C	5.7	2.4		8.4		
C	6.2	3.2				
C	5.5	2.6		8.3		
C	5.5	2.7		8.4		
C	5.5	1.9		8.0		
C	5.9	2.6				
C	5.0	2.2		8.3		
C	6.4	3.7		7.7		
C	5.9	2.5		8.0		
C	6.1	3.5				
C	5.4	1.9		8.2		
C	5.8	1.9		7.8		
C	5.1	1.9		8.0		
C	5.1	1.9				
C	5.7	1.7		8.0		
C	6.1	7.3				
C	5.2	3.1		8.0		
C	5.7	2.3				
C	5.5	2.1		7.7		
C	5.7	2.2		7.9		

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
D	0.00	120588	1100	27.7070	97.1910	24.6	31.8
D	3.69	120588	1100	27.7070	97.1910	24.6	31.6
D	0.00	120588	1200	27.7070	97.1910	24.5	31.7
D	3.69	120588	1200	27.7070	97.1910	24.6	31.7
D	0.00	120588	1300	27.7070	97.1910	24.7	31.6
D	3.69	120588	1300	27.7070	97.1910	24.6	31.7
D	0.00	120588	1400	27.7070	97.1910	24.5	31.6
D	3.69	120588	1400	27.7070	97.1910	24.5	31.8
D	0.00	120588	1500	27.7070	97.1910	24.6	12.6
D	3.69	120588	1500	27.7070	97.1910	24.6	11.7
D	0.00	120588	1600	27.7070	97.1910	24.6	31.6
D	3.69	120588	1600	27.7070	97.1910	24.8	31.7
D	0.00	120588	1700	27.7070	97.1910	24.8	31.6
D	3.69	120588	1700	27.7070	97.1910	24.8	31.6
D	0.00	120588	1800	27.7070	97.1910	24.7	31.6
D	3.69	120588	1800	27.7070	97.1910	24.6	31.6
D	0.00	120588	1900	27.7070	97.1910	24.7	31.6
D	3.69	120588	1900	27.7070	97.1910	24.8	12.3
D	0.00	120588	2000	27.7070	97.1910	24.7	12.2
D	3.69	120588	2000	27.7070	97.1910	24.8	12.6
D	0.00	120588	2100	27.7070	97.1910	24.6	12.3
D	3.69	120588	2100	27.7070	97.1910	24.7	31.6
D	0.00	120588	2200	27.7070	97.1910	24.5	31.6
D	3.69	120588	2200	27.7070	97.1910	24.6	15.5
D	0.00	120588	2300	27.7070	97.1910	24.5	13.0
D	3.69	120588	2300	27.7070	97.1910	24.5	12.3
D	0.00	120588	2400	27.7070	97.1910	24.5	13.7
D	3.69	120588	2400	27.7070	97.1910	24.5	13.6
D	0.00	130588	100	27.7070	97.1910	24.3	12.6
D	3.69	130588	100	27.7070	97.1910	24.5	31.6
D	0.00	130588	200	27.7070	97.1910	24.3	13.2
D	3.69	130588	200	27.7070	97.1910	24.5	12.7
D	0.00	130588	300	27.7070	97.1910	24.2	10.9
D	3.69	130588	300	27.7070	97.1910	24.4	12.2
D	0.00	130588	400	27.7070	97.1910	24.2	12.2
D	3.69	130588	400	27.7070	97.1910	24.4	12.6
D	0.00	130588	500	27.7070	97.1910	24.2	12.4
D	3.69	130588	500	27.7070	97.1910	24.1	11.3
D	0.00	130588	600	27.7070	97.1910	24.1	12.2
D	3.69	130588	600	27.7070	97.1910	24.1	31.6
D	0.00	130588	700	27.7070	97.1910	24.1	15.5
D	3.69	130588	700	27.7070	97.1910	24.1	15.8

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
D	21.07	8.11	0.44	3.57	0.43	9.89
D	20.96	7.29	0.41	6.17	0.44	8.92
D	21.04	7.10	0.31	2.70	0.15	8.92
D	21.01	7.44	0.11	2.28	0.02	8.19
D	20.93	7.40	0.14	1.92	0.05	9.62
D	21.01	7.21	0.19	2.94	0.16	7.94
D	20.99	6.89	0.22	1.99	0.21	10.79
D	21.10	6.92	0.19	2.41	0.23	10.55
D	6.71	8.30	0.22	3.92	0.13	9.11
D	6.04	8.29	0.22	5.62	0.14	10.05
D	20.90	8.28	0.09	4.14	0.04	8.13
D	20.96	8.39	0.25	6.40	0.20	9.56
D	20.85	2.55	0.40	5.39	0.28	9.45
D	20.85	2.68	0.16	2.10	0.10	9.90
D	20.93	2.91	0.24	4.04	0.15	9.64
D	20.90	2.78	0.11	4.41	0.04	10.81
D	20.93	1.66	0.13	2.66	0.21	8.40
D	6.42	3.22	0.16	7.57	0.16	8.85
D	6.40	2.79	0.05	4.39	0.04	10.26
D	6.61	1.31	0.28	5.19	0.58	9.76
D	6.47	0.61	0.17	2.04	0.13	9.49
D	20.87	0.46	0.20	2.43	0.18	8.75
D	20.99	1.51	0.17	4.56	0.17	10.40
D	8.88	1.00	0.29	4.46	0.23	10.61
D	7.03	0.94	0.09	2.01	0.06	9.87
D	6.50	1.41	0.08	3.87	0.07	10.32
D	7.57	1.60	0.06	3.53	0.30	10.30
D	7.47	0.95	0.31	5.03	0.26	8.84
D	6.80	1.02	0.13	3.88	0.08	8.58
D	20.99	1.49	0.12	4.07	0.06	10.70
D	7.19	1.16	0.05	2.70	0.20	9.01
D	6.79	1.89	0.06	5.86	0.31	9.70
D	5.52	1.59	0.11	3.72	0.16	10.39
D	6.48	1.64	0.22	4.47	0.38	11.56
D	6.48	1.91	0.13	3.63	0.38	10.58
D	6.77	0.74	0.19	2.69	0.28	11.27
D	6.68	1.98	0.11	3.83	0.13	8.38
D	5.88	4.97	0.30	3.19	0.40	12.55
D	6.56	6.04	0.16	3.36	0.20	10.14
D	21.11	4.37	0.06	4.39	0.11	11.31
D	8.97	1.64	0.04	2.79	0.05	9.85
D	9.22	0.74	0.02	2.71	0.18	9.35

NUECES/CORPUS CHRISTI BAY (NIPS-II) MAY 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
D					0.23	
D						
D	5.5	2.5			0.25	
D	5.6	2.3				
D	5.9	2.1			0.23	
D	5.2	1.9				
D	5.2	1.8		8.0	0.23	
D	6.1	1.7				
D	6.9	1.7			0.23	
D	6.3	1.8				
D	6.9	1.7				
D	5.4	1.5				
D	7.8	1.9				
D	7.7	1.6				
D	6.6	1.6				
D	8.3	1.4				
D	6.8	1.9		8.1		
D	7.5	3.6				
D	6.9	1.7				
D	9.7	3.9				
D	6.7	1.5				
D	6.6	2.3				
D	6.0	1.5		8.3		
D	8.5	9.3				
D	5.5	2.3				
D	6.7	3.7				
D	5.9	1.8		7.9		
D	6.6	3.9				
D	19.7	6.2				
D	8.9	4.6				
D	5.4	1.4				
D	7.6	3.6				
D	5.3	1.2				
D	9.0	8.6				
D	5.1	1.8				
D	8.4	5.9				
D	4.7	1.3				
D	6.4	1.6				
D	4.9	1.2				
D	6.2	1.4				
D	5.0	1.2				
D	5.5	1.0				

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUN 1988

STATION1	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-CTD
1	0.00	160688	1015	27.8670	97.5200	27.2	33.6
1	1.10	160688	1015	27.8670	97.5200	27.1	34.8
2	0.00	160688	1026	27.8620	97.5250	27.1	36.3
2	0.95	160688	1026	27.8620	97.5250	26.7	36.6
3		160688	1043	27.8760	97.5070	27.4	35.0
3	1.10	160688	1043	27.8760	97.5070	27.1	35.1
4	0.00	160688	1117	27.8470	97.5010	29.1	31.2
4	1.40	160688	1117	27.8470	97.5010	27.7	33.6
4A	0.00	160688	1130	27.8480	97.5440	29.2	9.8
4A	1.70	160688	1130	27.8480	97.5440	27.4	11.9
5	0.00	160688	1100	27.8600	97.4950	27.5	35.1
5	1.90	160688	1100	27.0600	97.4950	27.4	35.3
6	0.00	160688	1225	27.8350	97.4900	28.9	
6	1.30	160688	1225	27.8350	97.4900		
7	0.00	160688	1234	27.8500	97.4800		
7	1.35	160688	1234	27.8500	97.4800		
8	0.00	160688	1301	27.8600	97.4610		
8	1.20	160688	1301	27.8600	97.4610		
9	0.00	160688	1248	27.8420	97.4550	29.4	
9	1.60	160688	1248	27.8420	97.4550		
10	0.00	160688	1320	27.8610	97.4250	28.3	
10	1.50	160688	1320	27.8610	97.4250		
11	0.00	160688	1330	27.8500	97.4250		
11	1.60	160688	1330	27.8500	97.4250		
12	0.00	160688	1343	27.8310	97.4230	31.7	
12	1.40	160688	1343	27.8310	97.4230		
13	0.00	160688	1356	27.9100	97.4960		
13	1.90	160688	1356	27.9100	97.4960		
14	0.00	160688	1410	27.8760	97.4020	28.9	
14	1.50	160688	1410	27.8650	97.4020		
15	0.00	160688	1503	27.8520	97.3710	29.4	
15	1.00	160688	1503	27.8520	97.3710		
16	0.00	160688		27.8380	97.3760		
16		160688		27.8380	97.3760		
17	0.00	150688	1427	27.8120	97.3880	28.4	32.5
17	15.38	150688	1427	27.8120	97.3880	27.8	33.6
18	0.00	150688	1517	27.8570	97.3350	27.9	32.7
18		150688	1517	27.8570	97.3550	27.9	33.1
19	0.00	150688	1456	27.8150	97.3590	28.3	33.3
19	3.69	150688	1456	27.8150	97.3590	28.4	33.2
20	0.00	150688	1408	27.7900	97.3730	28.3	33.3
20		150688	1408	27.7900	97.3730	28.2	33.6
21	0.00	150688	1350	27.7440	97.3710	28.5	33.7
21		150688	1350	27.7440	97.3710	28.2	33.9
22	0.00	150688	1301	27.7140	97.3140	28.3	34.5
22		150688	1301	27.7140	97.3140	28.3	34.4
23	0.00	150688	1325	27.7760	97.3170	28.3	33.4
23		150688	1325	27.7760	97.3170	27.8	33.4
24	0.00	150688	1611	27.8110	97.2640		
24		150688	1611	27.8110	97.2640		
25	0.00	150688	1559	27.8280	97.2570	28.2	32.9
25		150688	1559	27.8280	97.2570	28.0	33.4
26	0.00	150688	1000	27.8200	97.1980	28.0	32.6
26	13.84	150688	1000	27.8200	97.1980	27.6	33.0
27	0.00	150688	1022	27.7510	97.2210	27.7	33.6

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUN 1988

27		150688	1022	27.7510	97.2210	27.7	33.7
28	0.00	150688	1236	27.6860	97.2510	28.0	34.4
28		150688	1236	27.6860	97.2510	28.0	34.4
29	0.00	150688	1126	27.6330	97.2390	27.3	34.8
29		150688	1126	27.6330	97.2390	27.1	35.2
30	0.00	150688	1057	27.6910	97.2170	27.6	34.1
30		150688	1057	27.6910	97.2170	27.6	34.2
31	0.00	150688	1044	27.7070	97.1910	27.8	34.0
31	2.50	150688	1044	27.7070	97.1910	27.7	34.3
32	0.00	150688	932	27.8100	97.1480	27.7	32.7
32	2.50	150688	932	27.8100	97.1480	27.9	32.7
33	0.00	150688	940	27.6840	97.1540		
33	13.80	150688	940	27.6840	97.1540		
34	0.00	150688	1542	27.8480	97.2790	27.8	
34		150688	1542	27.8480	97.2790		
35							
35							

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUN 1988

STATION2	SIGT	NO3	NO2	NH4	PO4	SIO4
1	21.63	2.55	0.41	6.39	2.72	93.65
1	22.53	12.24	0.67	14.18	2.31	82.38
2	23.69	17.11	0.65	12.22	3.17	91.93
2	24.05	11.63	0.50	12.89	2.59	88.31
3	22.63	14.79	0.61	15.90	1.90	86.74
3	22.75	12.81	0.54	11.49	1.69	85.28
4	19.22	1.89	0.32	3.73	5.03	90.23
4	21.49	12.02	0.68	14.78	2.40	76.98
4A	3.30	8.01	0.65	9.17	8.99	81.09
4A	5.38	4.63	0.67	11.92	8.58	70.08
5	22.67	9.02	0.39	8.14	1.63	88.48
5	22.83	10.22	0.37	8.79	1.12	82.42
6		5.06	0.41	5.45	2.08	88.99
6		8.90	0.85	13.24	2.38	84.46
7		12.64	0.55	8.49	1.47	79.97
7		14.30	0.80	12.49	1.36	81.67
8		20.06	0.68	13.81	1.13	79.08
8		6.97	0.27	6.30	0.58	68.08
9		12.02	0.55	7.56	0.41	61.32
9		14.07	1.07	11.67	1.03	43.63
10		16.24	0.56	14.73	0.81	80.56
10		14.54	0.48	11.40	0.54	70.79
11		1.01	0.12	0.65	2.18	90.36
11		11.72	0.44	9.35	1.91	80.95
12		7.16	0.46	3.09	1.20	72.38
12		13.87	0.30	10.28	1.23	48.57
13		15.46	0.38	10.95	1.37	64.03
13		7.97	0.20	6.68	1.17	73.74
14		15.37	0.31	11.81	1.07	59.06
14		16.02	0.43	13.62	0.58	23.98
15		8.29	0.11	8.60	0.35	36.72
15		12.23	0.22	12.65	0.55	19.25
16		0.74	0.04	1.40	0.36	40.09
16		4.69	0.09	5.27	1.03	25.81
17	20.44	24.69	0.77	17.87	0.98	42.59
17	21.46	6.64	0.23	6.35	0.66	54.64
18	20.77	17.82	0.38	9.39	0.40	36.65
18	21.06	10.29	0.31	8.59	0.56	27.10
19	21.03	11.05	0.26	7.39	0.64	40.11
19	20.98	6.74	0.10	4.03	0.49	47.78
20	21.09	18.67	0.62	16.14	0.51	34.70
20	21.35	13.74	0.51	9.62	0.37	34.33
21	21.32	16.98	0.50	11.19	0.30	29.37
21	21.55	10.10	0.29	7.35	0.25	33.95
22	21.96	9.68	0.26	8.82	0.84	45.74
22	21.93	17.98	0.66	13.48	0.78	23.50
23	21.13	15.43	0.31	12.33	0.78	30.20
23	21.26	14.95	0.31	10.09	0.89	27.09
24		5.75	0.17	7.61	2.69	39.57
24		7.37	1.34	15.16	1.06	38.33
25	20.77	19.86	0.70	11.72	0.79	22.47
25	21.21	19.55	0.85	13.09	0.81	18.69
26	20.64	16.83	0.67	14.93	0.69	9.85
26	21.03	19.26	0.77	12.64	0.91	9.29
27	21.47	4.48	0.40	4.89	1.02	42.47

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUN 1988

27	21.58	5.74	0.49	7.52	1.00	41.68
28	22.00	0.53	0.28	0.95	0.72	51.86
28	22.02	13.97	0.45	9.60	0.79	33.06
29	22.51	14.30	0.42	8.61	0.64	41.43
29	22.86	16.42	0.42	10.92	0.79	25.22
30	21.87	0.57	0.21	0.46	0.77	49.41
30	21.97	12.89	0.41	10.62	0.62	39.28
31	21.77	9.15	0.35	9.03	0.63	39.40
31	21.99	16.89	0.64	12.90	0.54	35.59
32	20.83	18.50	0.57	11.49	0.48	5.53
32	20.79	4.77	0.24	6.25	0.53	5.27
33		0.46	0.11	0.94	0.46	2.40
33		21.58	0.64	8.73	0.43	1.67
34		11.00	0.26	9.95	0.40	22.61
34		14.54	0.34	10.94	1.08	19.78
35		0.56	0.13	1.17	0.84	61.65
35		7.34	0.23	6.54	0.08	36.75

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUN 1988

STATION3	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS	SAL-B
1	7.4	3.2	34.0		0.50	67.69	
1	8.0	7.9	34.0				36.00
2	13.5	3.4	36.0		0.50	56.44	
2	15.5	4.7	38.0				
3	3.9	1.5	34.5		0.80		
3	7.9	3.0	34.5				
4	23.3	1.8	32.0		0.50	16.69	
4	8.1	3.2	34.0				
4A	173.9	8.5	10.0		0.35		
4A	160.5	27.1	15.0				9.39
5	8.1	2.0	35.5		0.65	15.80	
5	8.5	2.7	36.0				35.93
6	11.2	2.0	34.5		0.65	25.48	
6	12.7	9.7	34.5				
7	5.6	1.3	34.0		0.55	53.48	
7	9.6	4.6	34.0				
8	5.4	1.4	34.0		0.80	26.00	
8	4.9	1.8	34.0				
9	10.2	1.6	35.0		0.70	97.85	
9	19.7	11.1	36.0				35.69
10	7.9	2.3	35.5		0.60	54.38	
10	10.8	4.3	36.0				
11	7.7	1.3	34.0		0.80	41.42	
11	10.5	5.4	35.0				
12	8.0	1.0	35.0		0.90	13.38	
12	10.6	2.4	36.0				
13	9.3	1.7	34.5		0.70	71.05	
13	12.1	6.2	36.0				
14	7.4	1.8	33.5		0.60	39.30	
14	19.8	30.0	34.0				35.37
15	3.1	0.6	34.0		1.00	67.07	
15	3.0	0.6	34.0				
16	4.2	1.0				20.05	
16	3.9	1.0					
17	7.1	1.9	34.0		0.90	51.69	
17	6.6	2.9	35.0				33.56
18	6.3	1.3	33.5		0.80	33.94	
18	7.0	1.2	33.5				
19	7.9	1.6	34.0		0.70	27.12	
19	8.2	1.8	33.5				33.50
20	9.4	1.7	34.0		0.80	49.07	
20	10.2	3.5	34.5				
21	5.9	1.3	34.0		0.90	21.84	
21	6.1	1.5	34.0				33.81
22	5.9	1.1	35.0		1.10	51.48	
22	6.0	1.0	35.0				34.48
23	7.0	1.1	33.0		0.80	36.85	
23	7.8	1.5	33.0				
24	7.1	2.2	33.0		0.70	43.95	
24	12.0	21.3	33.5				
25	6.8	1.2	32.5		1.00	28.70	
25	6.9	1.4	32.5				33.88
26	4.1	2.9	30.5		1.30	53.27	
26	3.7	1.6	31.0				32.83
27	7.9	2.2	35.0		1.10	25.13	

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUN 1988

27	7.8	4.5	35.0			
28	7.3	1.3	34.5	1.10	11.40	
28	7.4	1.5	34.5			
29	4.6	1.8	34.0	1.10	32.24	34.82
29	4.4	3.1	35.0			35.06
30	6.7	1.2	35.0	1.20	47.70	
30	7.0	1.4	34.5			
31	5.6	1.2	34.0	1.20	38.81	
31	6.4	1.4	35.0			34.28
32	3.5	1.1	32.0	1.40	33.46	
32	3.2	1.2	32.5			32.76
33	3.1	0.9	32.0	1.70	99.10	
33	3.6	0.8	34.0			
34	6.6	1.4	32.0	0.90	70.52	
34	6.5	1.5	32.0			33.57
35	7.8	2.8	35.5	0.60	33.27	
35	9.5	0.2	35.5			

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-CTD
1	0.00	120788	1042	27.8670	97.5200	27.7	36.5
1	1.00	120788	1042	27.8670	97.5200	27.6	37.7
2	0.00	120788	1051	27.8620	97.5250	27.9	34.7
2	1.10	120788	1051	27.8620	97.5250	27.8	36.7
3	0.00	120788	1101	27.8760	97.5070	28.0	36.8
3	1.30	120788	1101	27.8760	97.5070	28.0	36.9
4	0.00	120788	1136	27.8470	97.5010	28.2	35.9
4	1.30	120788	1136	27.8470	97.5010	28.1	35.7
4A	0.00	120788	1147	27.8480	97.5440	28.7	7.9
4A	1.60	120788	1147	27.8480	97.5440	28.1	9.1
5	0.00	120768	1200	27.8600	97.4950	28.5	34.1
5	1.30	120788	1200	27.0600	97.4950	28.2	35.3
6	0.00	120788	1301	27.8350	97.4900	28.8	35.7
6	1.30	120788	1301	27.8350	97.4900	28.6	35.7
7	0.00	120788	1208	27.8500	97.4800	28.3	35.6
7	1.30	120788	1208	27.8500	97.4800	28.4	35.6
8	0.00	120788	1311	27.8600	97.4610	28.5	37.0
8	1.20	120788	1311	27.8600	97.4610	28.4	36.9
9	0.00	120788	1453	27.8420	97.4550	28.9	36.2
9	1.50	120788	1453	27.8420	97.4550	28.9	36.2
10	0.00	120788	1323	27.8610	97.4250	28.6	36.1
10	1.60	120788	1323	27.8610	97.4250	28.6	36.0
11	0.00	120788	1330	27.8500	97.4250	28.6	36.0
11	1.40	120788	1330	27.8500	97.4250	28.6	36.0
12	0.00	120788	1342	27.8310	97.4230	28.8	35.9
12	1.40	120788	1342	27.8310	97.4230	28.7	35.9
13	0.00	120788	1352	27.9100	97.4960	29.1	34.8
13	1.30	120788	1352	27.9100	97.4960	29.0	35.0
14	0.00	120788	1400	27.8760	97.4020	28.8	35.8
14	1.30	120788	1400	27.8650	97.4020	28.8	35.8
15	0.00	120788	1427	27.8520	97.3710	29.9	34.4
15	0.80	120788	1427	27.8520	97.3710	30.0	34.3
16	0.00	120788	1435	27.8380	97.3760	29.5	34.1
16		120788	1435	27.8380	97.3760	29.5	34.4
17	0.00	140788	1245	27.8120	97.3880	30.0	34.9
17	16.92	140788	1245	27.8120	97.3880	29.2	34.9
18	0.00	140788	1043	27.8570	97.3350	29.3	34.7
18		140788	1043	27.8570	97.3550	28.9	34.8
19	0.00	140788	1100	27.8150	97.3590	29.4	34.6
19		140788	1100	27.8150	97.3590	29.0	34.8
20	0.00	140788	1305	27.7900	97.3730	29.7	34.5
20	3.38	140788	1305	27.7900	97.3730	29.4	34.5
21	0.00	140788	1318	27.7440	97.3710	29.6	34.3
21		140788	1318	27.7440	97.3710	29.4	34.5
22	0.00	140788	1336	27.7140	97.3140	29.9	35.6
22	1.52	140788	1336	27.7140	97.3140	29.9	35.5
23	0.00	140788	1018	27.7760	97.3170	29.2	34.9
23		140788	1015	27.7760	97.3170	29.1	34.8
24	0.00	140788	1531	27.8110	97.2640	29.8	35.4
24		140788	1531	27.8110	97.2640	29.3	35.9
25	0.00	140788	1545	27.8280	97.2570	30.3	35.3
25		140788	1545	27.8280	97.2570	30.2	35.6
26	0.00	140788	1723	27.8200	97.1980	29.9	35.3
26		140788	1723	27.8200	97.1980	29.6	35.1

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

27	0.00	140788	1511	27.7510	97.2210	30.0	35.0
27		140788	1511	27.7510	97.2210	29.2	36.5
28	0.00	140788	1353	27.6860	97.2510	30.1	39.3
28	1.85	140788	1353	27.6860	97.2510	29.5	47.3
29	0.00	140788	1415	27.6330	97.2390	29.9	44.1
29	8.62	140788	1415	27.6330	97.2390	29.8	48.7
30	0.00	140788	1455	27.6910	97.2170	30.5	38.4
30		140788	1455	27.6910	97.2170	29.9	39.4
31	0.00	140788	945	27.7070	97.1910	29.0	37.7
31		140788	946	27.7070	97.1910	29.1	43.0
32	0.00	140788	1742	27.8100	97.1480	30.1	35.0
32	1.85	140788	1742	27.8100	97.1480	30.4	35.0
33	0.00	140788	1735	27.6840	97.1540	30.0	33.4
33		140788	1735	27.6840	97.1540	29.5	35.0
34	0.00	140788	1556	27.8480	97.2790		
34	2.46	140788	1556	27.8480	97.2790		
35	0.00	120788	1412	27.8750	97.3480	28.9	35.9
35	1.50	120788	1412	27.8750	97.3480	28.9	35.9

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
1	23.65	5.62	0.24	7.53	2.10	80.93
1	24.61	9.86	0.38	13.36	3.33	79.89
2	22.23	3.23	0.48	12.79	3.45	77.84
2	23.81	4.82	0.46	13.94	3.99	76.73
3	23.78	11.60	0.79	16.79	3.57	70.66
3	23.89	2.97	0.97	10.90	3.85	80.16
4	23.05	4.34	0.54	14.07	2.63	72.22
4	22.92	8.98	0.60	14.79	2.50	65.50
4A	2.05	6.19	0.36	6.98	3.46	91.22
4A	3.11	4.36	0.26	8.38	3.73	83.29
5	21.62	10.30	0.89	18.40	3.67	76.86
5	22.60	4.11	0.64	12.35	3.44	75.72
6	22.71	5.87	0.55	13.72	2.37	68.31
6	22.75	7.54	0.49	13.74	1.96	61.74
7	22.80	4.01	0.62	13.58	2.50	67.00
7	22.75	12.49	0.83	21.22	2.66	67.93
8	23.77	3.13	0.59	8.99	2.12	67.46
8	23.76	7.58	0.60	9.80	2.06	65.73
9	23.04	3.41	0.45	7.29	1.74	61.91
9	23.03	4.96	0.55	8.28	1.76	59.17
10	23.08	13.74	0.82	16.21	1.81	63.86
10	23.05	4.70	0.74	8.61	1.62	59.57
11	23.00	8.40	0.83	12.01	1.70	65.00
11	23.00	6.72	0.84	10.15	1.63	59.82
12	22.84	13.78	1.08	16.25	3.06	60.43
12	22.88	4.84	1.05	9.52	2.58	66.70
13	21.97	10.11	0.58	11.83	2.21	65.26
13	22.08	4.89	0.49	7.47	3.13	55.17
14	22.80	7.54	0.67	11.32	3.32	56.42
14	22.80	13.85	0.95	15.82	1.84	57.39
15	21.36	7.20	0.71	10.14	2.47	38.36
15	21.27	8.41	0.56	11.39	1.50	47.46
16	21.30	6.43	0.50	9.71	1.43	49.86
16	21.49	5.15	0.52	5.74	3.09	51.06
17	21.76	15.33	0.78	17.02	2.18	62.84
17	21.95	20.61	0.33	86.13	1.68	49.55
18	21.81	6.86	0.43	15.17	1.34	43.85
18	22.05	5.65	0.29	10.66	1.15	47.08
19	21.71	7.48	0.22	13.88	1.43	46.98
19	21.96	4.08	0.35	8.63	1.20	41.84
20	21.56	11.62	0.35	18.57	1.11	55.44
20	21.63	8.92	0.33	16.35	1.17	50.01
21	21.42	21.80	0.69	33.68	1.08	63.16
21	21.64	10.79	0.55	17.00	1.21	55.45
22	22.27	11.54	0.60	18.26	0.96	71.38
22	22.24	8.41	0.46	16.79	1.02	47.05
23	22.02	12.11	0.65	18.39	1.00	45.71
23	21.97	11.01	0.70	19.80	0.88	41.25
24	22.12	6.07	0.35	19.75	0.88	34.57
24	22.68	9.35	0.40	15.01	0.91	46.19
25	21.96	17.50	0.71	19.80	0.73	45.42
25	22.18	12.92	0.62	22.76	0.10	37.88
26	22.05	5.66	0.21	12.65	1.00	4.48
26	22.03	11.67	0.12	17.44	1.30	9.12

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

27	21.80	14.95	0.35	40.80	1.21	62.07
27	23.21	8.29	0.28	16.66	1.25	57.28
28	24.99	13.42	0.41	20.61	1.17	62.82
28	31.25	11.06	0.26	19.34	1.10	35.06
29	28.67	9.76	0.26	62.17	0.96	48.66
29	32.15	10.96	0.23	21.76	1.07	34.64
30	24.18	7.05	0.24	11.75	1.14	61.33
30	25.18	6.54	0.27	15.47	1.05	52.15
31	24.12	10.98	0.23	18.96	1.06	55.89
31	28.09	4.69	0.19	10.24	0.64	51.25
32	21.79	16.98	0.52	21.19	0.49	6.08
32	21.67	10.75	0.30	16.57	0.62	5.32
33	20.64	0.29	0.07	1.40	0.43	3.20
33	21.94	5.72	0.13	13.45	0.82	8.07
34		2.20	0.15	11.12	0.91	58.40
34		6.24	0.29	13.55	0.66	51.64
35	22.84	9.12	0.72	14.48	3.63	68.29
35	22.85	5.91	0.80	9.96	3.74	56.25

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS	SAL-B
1	12.4	6.2			0.20	0.06	37.94
1	12.1	12.3	37.8				
2	9.3	8.6	37.0		0.15	5.04	
2	9.4	8.0	37.0				
3	12.0	11.0	37.0		0.20	0.33	
3	11.1	21.6	37.0				
4	8.9	6.8	36.0		0.25		37.48
4	8.8	10.4	36.0				
4A	111.8	23.0	8.5		0.25		
4A	89.5	23.0	13.8				
5	10.2	8.6	35.8		0.25	0.00	
5	10.3	10.1	35.8				
6	10.0	10.4	36.0		0.15	0.00	35.56
6	7.7	7.0	36.0				
7	7.8	9.5	35.8		0.25	0.00	
7	5.5	9.5	35.8				
8	7.1	10.5	37.8		0.15	5.27	
8	8.1	12.6	37.8				
9	7.1	11.8	36.0		0.20	0.43	
9	7.2	15.8	36.0				
10	12.0	7.7	37.0		0.10		36.11
10	11.6	8.5	37.0				
11	5.4	10.8	36.5		0.15	0.50	
11	6.9	12.9	36.5				
12	12.9	7.1	36.0		0.15	0.27	
12	11.5	6.4	36.0				
13	13.0	5.4	35.0		0.20	0.11	
13	13.7	5.5	35.0				
14	10.1	10.0	36.0		0.20	0.00	35.89
14	9.8	10.4	36.0				
15	15.2	8.1	34.5		0.15	0.11	
15	16.2	9.1	34.5				
16	12.6	4.0	34.5		0.30	1.35	
16	18.0	4.6	34.5				
17	15.6	2.1	34.0		0.95	89.47	
17	7.9	4.0	34.0				
18	8.2	2.4	34.0		0.35	41.82	
18	8.1	2.5	34.0				
19	8.7	2.2	34.3		0.40	12.62	34.63
19	9.3	4.8	34.3				
20	10.0	2.0	35.5		0.65		
20	10.3	2.0	36.0				
21	7.0	1.5	34.3		0.60	11.43	
21	7.2	1.9	34.3				
22	6.3	1.1	35.3		0.80	35.93	35.60
22	6.5	1.1	35.3				
23	8.6	2.0	34.0		0.55	19.46	
23	9.0	2.1	34.0				
24	6.2	1.3	35.3		1.10	36.24	
24	7.5	2.1	35.3				
25	6.4	1.3	35.3		0.75	45.16	
25	7.2	1.4	35.3				
26	2.7	0.4	35.0		1.30	84.82	
26	3.2	0.4	35.0				

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

27	9.4	1.3	35.3		21.74	
27	9.9	2.3	36.0			
28	6.5	1.0	39.0	1.25	32.77	
28	5.8	1.1	48.0			
29	5.8	1.1	43.8	1.20	38.45	41.96
29	3.0	0.8	49.0			
30	6.4	1.0	39.0	1.05	24.53	
30	10.0	2.4	40.5			
31	8.1	0.9	36.0	1.15	39.88	
31	7.4	1.4	40.0			
32	2.6	0.3	35.0	1.00	57.61	
32	2.7	0.4	35.0			
33	2.7	0.3	34.8	1.15	68.09	
33	3.4	0.5	34.8			
34	8.4	1.3	35.0	0.80	19.76	
34	8.3	1.4	35.0			
35	10.9	16.6	36.3	0.10		
35	8.1	12.1	36.3			

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
A	0.00	110788	1000	27.8500	97.4800	27.9	35.0
A	1.23	110788	1000	27.8500	97.4800	27.9	35.0
A	0.00	110788	1100	27.8500	97.4800	28.0	35.0
A	1.23	110788	1100	27.8500	97.4800	28.0	34.9
A	0.00	110788	1200	27.8500	97.4800	28.4	35.3
A	1.23	110788	1200	27.8500	97.4800	28.2	35.4
A	0.00	110788	1300	27.8500	97.4800	28.5	35.1
A	1.23	110788	1300	27.8500	97.4800	28.4	35.1
A	0.00	110788	1400	27.8500	97.4800	28.7	35.0
A	1.23	110788	1400	27.8500	97.4800	28.6	35.0
A	0.00	110788	1500	27.8500	97.4800	29.0	35.4
A	1.23	110788	1500	27.8500	97.4800	28.9	35.4
A	0.00	110788	1600	27.8500	97.4800	29.1	35.3
A	1.23	110788	1600	27.8500	97.4800	29.0	35.3
A	0.00	110788	1700	27.8500	97.4800	29.2	35.3
A	1.23	110788	1700	27.8500	97.4800	29.1	35.3
A	0.00	110788	1800	27.8500	97.4800	29.2	35.4
A	1.23	110788	1800	27.8500	97.4800	29.2	37.0
A	0.00	110788	1900	27.8500	97.4800	29.1	35.3
A	1.23	110788	1900	27.8500	97.4800	29.1	35.3
A	0.00	110788	2000	27.8500	97.4800	29.0	35.4
A	1.23	110788	2000	27.8500	97.4800	29.0	35.3
A	0.00	110788	2100	27.8500	97.4800	28.8	35.3
A	1.23	110788	2100	27.8500	97.4800	28.8	35.3
A	0.00	110788	2200	27.8500	97.4800	28.7	35.1
A	1.23	110788	2200	27.8500	97.4800	28.7	35.3
A	0.00	110788	2300	27.8500	97.4800	28.5	35.3
A	1.23	110788	2300	27.8500	97.4800	28.5	35.1
A	0.00	110788	2400	27.8500	97.4800	28.3	35.6
A	1.23	110788	2400	27.8500	97.4800	28.4	35.7
A	0.00	120788	100	27.8500	97.4800	28.2	35.6
A	1.23	120788	100	27.8500	97.4800	28.2	35.6
A	0.00	120788	200	27.8500	97.4800	28.1	35.3
A	1.23	120788	200	27.8500	97.4800	28.1	35.4
A	0.00	120788	300	27.8500	97.4800	27.8	34.8
A	1.23	120788	300	27.8500	97.4800	27.8	34.8
A	0.00	120788	400	27.8500	97.4800	27.9	34.9
A	1.23	120788	400	27.8500	97.4800	27.7	34.9
A	0.00	120788	500	27.8500	97.4800	27.5	35.6
A	1.23	120788	500	27.8500	97.4800	27.5	35.6
A	0.00	120788	600	27.8500	97.4800	27.4	35.4
A	1.23	120788	600	27.8500	97.4800	27.4	35.6
A	0.00	120788	700	27.8500	97.4800	27.4	35.4
A	1.23	120788	700	27.8500	97.4800	27.4	35.5

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
A	22.50	2.04	2.14	19.86	6.17	184.30
A	22.44	2.00	2.80	22.53	7.55	190.54
A	22.41	2.15	1.22	14.16	3.36	79.41
A	22.36	1.82	1.37	13.95	4.22	75.70
A	22.56	1.64	0.77	13.98	3.94	78.72
A	22.68	1.52	1.18	12.81	4.22	77.94
A	22.36	1.63	0.97	15.12	3.96	78.67
A	22.40	1.66	1.09	12.25	3.85	78.22
A	22.24	1.96	0.85	14.00	3.87	78.31
A	22.28	1.81	1.04	13.26	3.25	78.09
A	22.43	1.54	0.82	14.65	3.34	78.02
A	22.46	1.54	0.75	11.91	3.24	77.76
A	22.28	1.71	0.75	14.67	3.75	77.42
A	22.37	1.70	0.79	7.84	4.27	77.09
A	22.25	1.85	0.75	11.08	4.13	76.96
A	22.28	1.91	0.74	12.18	4.37	76.75
A	22.36	1.73	0.92	12.25	4.14	76.92
A	23.58	1.68	1.00	12.13	3.85	76.64
A	22.34	1.89	0.82	12.85	3.33	76.33
A	22.34	1.94	0.97	13.98	4.71	76.18
A	22.43	1.72	0.66	12.18	3.58	71.19
A	22.37	2.46	0.72	13.44	4.03	92.51
A	22.43	2.23	0.79	15.23	3.62	92.30
A	22.43	2.46	0.56	14.80	3.28	90.83
A	22.30	1.38	1.16	16.18	4.81	89.72
A	22.41	1.86	0.65	14.51	4.06	88.23
A	22.53	2.32	0.56	14.00	3.92	88.93
A	22.36	2.09	0.55	13.10	3.88	87.31
A	22.76	1.91	0.55	11.04	3.70	89.76
A	22.84	2.32	0.56	11.98	3.63	89.67
A	22.79	2.69	0.58	13.52	3.75	88.77
A	22.85	2.68	0.62	13.78	4.03	85.71
A	22.66	1.71	0.48	13.39	3.39	85.50
A	22.71	1.75	0.58	15.35	3.76	84.62
A	22.36	1.77	0.49	13.12	3.55	86.26
A	22.36	1.40	0.85	14.39	4.05	85.59
A	22.39	4.78	0.94	15.40	3.90	91.00
A	22.45	3.93	0.94	15.38	4.16	90.63
A	23.02	3.81	0.89	13.95	4.12	92.08
A	23.02	3.37	0.82	13.89	4.04	88.87
A	22.94	4.59	0.94	14.51	4.31	91.21
A	23.05	4.80	1.03	15.37	4.64	89.13
A	22.94	4.16	0.90	16.07	4.19	88.99
A	22.99	4.57	0.97	15.81	4.30	89.16

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
A	7.7	15.2		6.4	0.10	
A	7.6	17.3				
A	8.2	10.7			0.10	
A	7.4	20.0				
A	7.3	9.2		6.5	0.10	
A	7.8	13.4				
A	7.1	9.8		6.5	0.10	
A	7.5	10.7				
A	9.8	5.5		6.5	0.10	
A	9.3	10.5				
A	8.8	9.5		6.5	0.10	
A	8.0	9.7				
A	8.2	10.5		6.5	0.15	
A	9.1	11.4				
A	8.7	9.5		6.5	0.10	
A	9.0	9.7				
A	8.9	10.2		6.6	0.10	
A	8.7	11.9				
A	9.8	11.9		6.6		
A	9.9	12.2				
A	7.4	14.3		6.4		
A	7.5	15.4				
A	6.9	11.0		6.4		
A	8.5	15.6				
A	7.3	10.5				
A	10.6	18.9				
A	8.4	12.9		6.4		
A	9.2	15.2		6.4		
A	7.4	12.3		6.4		
A	8.2	13.3		6.3		
A	6.7	11.6		6.3		
A	9.3	25.1		6.4		
A	7.2	10.0		6.3		
A	7.3	15.4				
A	7.1	11.9		6.4		
A	8.4	12.7				
A	9.1	10.8		6.3		
A	9.9	13.4				
A	6.6	5.1		6.2		
A	7.8	9.3				
A	6.0	4.6		6.3		
A	6.5	7.5		6.4		
A	6.5	5.5		6.2		
A	6.5	6.4				

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
B	0.00	100788	1000	27.9100	97.4960	28.6	33.9
B	0.90	100788	1000	27.9100	97.4960	28.7	33.9
B	0.00	100788	1100	27.9100	97.4960	28.8	33.9
B	0.90	100788	1100	27.9100	97.4960	28.9	33.9
B	0.00	100788	1200	27.9100	97.4960	29.0	33.8
B	0.90	100788	1200	27.9100	97.4960	29.1	33.8
B	0.00	100788	1300	27.9100	97.4960	29.4	33.9
B	0.90	100788	1300	27.9100	97.4960	29.4	33.9
B	0.00	100788	1400	27.9100	97.4960	29.8	33.8
B	0.90	100788	1400	27.9100	97.4960	29.8	33.8
B	0.00	100788	1500	27.9100	97.4960	30.0	33.8
B	0.90	100788	1500	27.9100	97.4960	30.0	33.8
B	0.00	100788	1600	27.9100	97.4960	30.1	33.8
B	0.90	100788	1600	27.9100	97.4960	30.1	33.8
B	0.00	100788	1700	27.9100	97.4960	30.1	33.9
B	0.90	100788	1700	27.9100	97.4960	30.1	33.8
B	0.00	100788	1800	27.9100	97.4960	29.9	33.9
B	0.90	100788	1800	27.9100	97.4960	30.0	33.9
B	0.00	100788	1900	27.9100	97.4960	29.9	34.0
B	0.90	100788	1900	27.9100	97.4960	29.9	34.0
B	0.00	100788	2000	27.9100	97.4960	29.6	34.1
B	0.90	100788	2000	27.9100	97.4960	29.6	34.1
B	0.00	100788	2100	27.9100	97.4960	29.4	34.1
B	0.90	100788	2100	27.9100	97.4960	29.3	34.1
B	0.00	100788	2200	27.9100	97.4960	29.1	34.3
B	0.90	100788	2200	27.9100	97.4960	29.1	34.3
B	0.00	100788	2300	27.9100	97.4960	29.1	34.1
B	0.90	100788	2300	27.9100	97.4960	29.1	34.1
B	0.00	100788	2400	27.9100	97.4960	29.0	34.4
B	0.90	100788	2400	27.9100	97.4960	29.0	34.4
B	0.00	110788	100	27.9100	97.4960	28.7	34.7
B	0.90	110788	100	27.9100	97.4960	28.7	34.7
B	0.00	110788	200	27.9100	97.4960	28.5	34.8
B	0.90	110788	200	27.9100	97.4960	28.5	34.8
B	0.00	110788	300	27.9100	97.4960	28.4	34.8
B	0.90	110788	300	27.9100	97.4960	28.4	34.8
B	0.00	110788	400	27.9100	97.4960	28.3	34.8
B	0.90	110788	400	27.9100	97.4960	28.3	34.8
B	0.00	110788	500	27.9100	97.4960	28.2	34.9
B	0.90	110788	500	27.9100	97.4960	28.2	34.9
B	0.00	110788	600	27.9100	97.4960	28.2	34.9
B	0.90	110788	600	27.9100	97.4960	28.2	35.0
B	0.00	110788	700	27.9100	97.4960	28.0	35.1
B	0.90	110788	700	27.9100	97.4960	28.0	35.2

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
B	21.44	0.03	0.70	5.69	3.12	73.56
B	21.41	0.15	0.38	3.61	2.10	63.25
B	21.38	0.15	0.33	2.40	2.10	74.22
B	21.35	0.30	0.20	1.99	1.60	73.25
B	21.26	0.23	0.26	2.04	1.62	72.69
B	21.17	0.27	0.25	1.38	1.70	72.57
B	21.18	0.29	0.25	1.39	1.70	72.89
B	21.18	0.26	0.32	1.93	1.63	70.67
B	21.00	0.32	0.26	1.58	1.63	72.10
B	21.00	0.33	0.25	1.26	1.59	71.73
B	20.93	0.42	0.89	3.46	2.85	74.80
B	20.93	0.33	0.88	4.11	2.97	74.08
B	20.85	0.14	0.96	3.91	2.25	73.96
B	20.85	0.35	0.82	4.23	2.75	73.16
B	20.96	0.50	0.76	4.36	2.83	73.90
B	20.85	0.02	1.21	4.39	2.96	72.29
B	21.02	0.67	0.88	4.01	3.15	74.08
B	20.99	0.64	0.96	4.00	2.82	72.56
B	21.08	0.86	0.82	4.42	2.74	75.39
B	21.08	1.07	0.61	4.21	2.53	66.56
B	21.23	1.53	0.80	4.98	3.22	74.82
B	21.23	1.80	0.64	4.53	2.83	73.56
B	21.30	2.63	0.79	4.34	3.14	71.77
B	21.38	2.57	0.69	5.32	2.77	71.28
B	21.56	2.79	0.74	4.73	2.54	69.43
B	21.56	2.57	0.92	5.26	1.19	69.19
B	21.39	4.31	0.96	4.99	2.37	68.72
B	21.45	4.19	0.96	4.85	2.28	67.53
B	21.65	1.35	0.76	3.64	2.09	72.18
B	21.65	4.27	1.99	7.12	3.89	104.48
B	21.97	2.55	2.17	9.92	4.84	117.46
B	22.02	2.52	2.21	10.78	5.22	128.11
B	22.14	2.89	2.39	14.59	8.54	110.54
B	22.14	3.21	2.27	15.20	9.02	110.40
B	22.17	3.41	2.14	13.62	5.46	109.27
B	22.17	3.52	2.46	14.06	5.22	114.75
B	22.20	3.85	2.21	14.30	5.65	110.45
B	22.20	4.72	1.80	13.27	4.84	116.57
B	22.29	4.36	2.21	13.88	5.65	116.23
B	22.29	3.24	2.17	14.23	5.17	116.28
B	22.29	0.02	2.33	13.79	5.69	121.26
B	22.35	0.73	1.83	13.60	5.22	107.23
B	22.52	1.28	1.83	14.72	9.02	126.21
B	22.58	1.66	1.64	13.90	4.65	126.82

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
B	6.2	10.8		6.5	0.20	
B	9.9	7.2		6.3		
B	10.1	4.8		6.6	0.15	
B	10.5	4.6				
B	10.1	5.5		6.8	0.20	
B	9.8	5.6				
B	9.8	5.2		6.7	0.15	
B	9.9	5.7		6.6		
B	10.3	6.0		6.8	0.15	
B	10.5	6.6		6.7		
B	11.8	5.7		6.8	0.15	
B	11.5	6.7		6.6		
B	11.0	6.6		6.8	0.15	
B	11.4	7.5		6.6		
B	11.8	6.5		6.8	0.15	
B	10.7	6.9		6.6		
B	12.5	8.4		6.6	0.10	
B	13.1	8.8		6.5		
B	9.4	8.0		6.6		
B	10.3	9.1		6.5		
B	14.5	8.7		6.6		
B	14.6	9.2				
B	15.2	11.5		6.6		
B	17.2	12.0		6.3		
B	16.3	12.2		6.5		
B	16.1	13.2		6.6		
B	20.1	10.7		6.5		
B	20.6	12.0				
B	16.4	9.8		6.5		
B	16.7	11.2		6.5		
B	12.4	12.6		6.3		
B	13.0	14.1				
B	11.1	13.7				
B	10.0	15.2				
B	10.5	14.4		6.4		
B	10.6	14.3				
B	9.4	15.0		6.4		
B	10.0	13.9		6.4		
B	9.3	15.0		6.4		
B	9.1	15.6				
B	10.1	12.4		6.4		
B	11.6	12.6				
B	10.1	9.4		6.4		
B	9.4	10.6				

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
C	0.00	140788	1400	27.8150	97.3590	30.0	33.8
C	3.69	140788	1400	27.8150	97.3590	29.4	34.1
C	0.00	140788	1500	27.8150	97.3590	30.0	33.8
C	3.69	140788	1500	27.8150	97.3590	29.4	33.9
C	0.00	140788	1600	27.8150	97.3590	29.9	33.8
C	3.69	140788	1600	27.8150	97.3590	29.7	33.9
C	0.00	140788	1700	27.8150	97.3590	30.0	33.9
C	3.69	140788	1700	27.8150	97.3590	29.9	33.9

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
C	20.93	0.03	0.15	0.43	1.25	68.45
C	21.30	0.07	0.14	0.59	1.15	68.46
C	20.93	0.11	0.11	0.85	1.24	68.76
C	21.18	0.16	0.06	0.49	1.12	73.21
C	20.97	0.14	0.08	0.52	1.02	68.84
C	21.09	0.12	0.11	0.49	1.13	70.85
C	20.99	0.01	0.23	0.86	1.36	69.28
C	21.02	0.00	0.23	0.76	1.25	69.31

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
C					0.60	
C						
C					0.50	
C						
C				7.4	0.50	
C						
C				7.5	0.50	
C						

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
D	0.00	130788	1500	27.7070	97.1910	29.6	36.8
D	3.69	130788	1500	27.7070	97.1910	29.0	38.2
D	0.00	130788	1600	27.7070	97.1910	29.8	36.5
D	3.69	130788	1600	27.7070	97.1910	29.0	39.1
D	0.00	130788	1700	27.7070	97.1910	29.7	37.3
D	3.69	130788	1700	27.7070	97.1910	29.3	38.2
D	0.00	130788	1800	27.7070	97.1910	29.7	37.0
D	3.69	130788	1800	27.7070	97.1910	29.1	38.0
D	0.00	130788	1900	27.7070	97.1910	29.5	36.8
D	3.69	130788	1900	27.7070	97.1910	29.1	37.6
D	0.00	130788	2000	27.7070	97.1910	29.3	37.0
D	3.69	130788	2000	27.7070	97.1910	29.0	41.5
D	0.00	130788	2100	27.7070	97.1910	29.1	37.1
D	3.69	130788	2100	27.7070	97.1910	29.1	39.3
D	0.00	130788	2200	27.7070	97.1910	29.0	36.8
D	3.69	130788	2200	27.7070	97.1910	29.0	
D	0.00	130788	2300	27.7070	97.1910	29.0	36.9
D	3.69	130788	2300	27.7070	97.1910	29.0	42.8
D	0.00	130788	2400	27.7070	97.1910	28.9	37.0
D	3.69	130788	2400	27.7070	97.1910	29.0	43.3
D	0.00	140788	100	27.7070	97.1910	28.9	37.2
D	3.69	140788	100	27.7070	97.1910	29.0	39.7
D	0.00	140788	200	27.7070	97.1910	28.8	36.7
D	3.69	140788	200	27.7070	97.1910	29.0	42.0
D	0.00	140788	300	27.7070	97.1910	28.9	36.9
D	3.69	140788	300	27.7070	97.1910	29.0	43.0
D	0.00	140788	400	27.7070	97.1910	28.9	36.8
D	3.69	140788	400	27.7070	97.1910	29.0	42.8
D	0.00	140788	500	27.7070	97.1910	28.8	36.9
D	3.69	140788	500	27.7070	97.1910	29.0	41.5
D	0.00	140788	600	27.7070	97.1910	28.6	37.0
D	3.69	140788	600	27.7070	97.1910	28.8	38.5
D	0.00	140788	700	27.7070	97.1910	28.6	37.0
D	3.69	140788	700	27.7070	97.1910	28.8	39.8
D	0.00	140788	800	27.7070	97.1910	28.8	36.7
D	3.69	140788	800	27.7070	97.1910	28.7	
D	0.00	140788	900	27.7070	97.1910	28.8	36.4
D	3.69	140788	900	27.7070	97.1910	29.0	
D	0.00	140788	1000	27.7070	97.1910	29.0	36.7
D	3.69	140788	1000	27.7070	97.1910	28.9	
D	0.00	140788	1100	27.7070	97.1910	29.2	36.8
D	3.69	140788	1100	27.7070	97.1910	28.9	38.2

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
D	23.29	0.11	0.15	0.34	1.13	74.33
D	24.56	0.45	0.30	1.64	0.56	67.09
D	23.00	0.51	0.24	1.72	0.45	69.22
D	25.18	0.51	0.24	1.84	0.33	67.50
D	23.66	0.36	0.24	1.47	0.28	69.01
D	24.41	0.39	0.21	1.56	0.30	69.17
D	23.43	0.50	0.25	2.12	0.33	67.24
D	24.36	0.41	0.19	1.81	0.26	68.02
D	23.33	0.41	0.19	1.75	0.51	67.66
D	24.02	0.46	0.14	1.13	0.34	66.57
D	23.56	0.75	0.14	1.08	0.25	65.37
D	27.02	1.04	0.26	1.42	0.38	67.87
D	23.68	1.17	0.20	1.46	0.28	63.88
D	25.32	0.87	0.26	1.39	0.36	65.72
D	23.49	0.95	0.25	1.41	0.46	66.93
D		0.08	1.18	5.35	0.95	60.33
D	23.55	1.18	0.14	1.46	0.20	65.81
D	28.00	0.77	0.32	1.41	0.45	63.59
D	23.69	0.60	0.26	1.45	0.36	66.78
D	28.34	0.66	0.26	2.21	0.36	57.37
D	23.80	0.42	0.26	0.98	0.36	66.50
D	25.64	0.84	0.20	0.65	1.20	78.06
D	23.50	0.40	0.16	0.64	1.03	71.98
D	27.36	0.34	0.13	0.51	1.15	73.72
D	23.58	0.26	0.14	0.53	1.08	77.69
D	28.11	0.35	0.16	1.81	1.28	70.13
D	23.52	0.22	0.14	0.51	1.09	77.04
D	28.00	0.30	0.17	1.77	0.93	62.48
D	23.61	0.16	0.14	0.45	0.84	74.63
D	27.02	0.29	0.15	0.65	0.83	70.22
D	23.73	0.16	0.12	0.45	1.09	74.39
D	24.85	0.14	0.16	0.70	1.10	73.46
D	23.79	0.06	0.13	0.80	1.04	75.49
D	25.82	0.07	0.17	1.07	1.33	73.94
D	23.50	0.05	0.14	0.52	1.07	75.40
D		0.06	0.13	0.71	1.04	75.42
D	23.27	0.07	0.13	0.46	1.08	82.16
D		0.08	0.13	0.86	1.10	78.16
D	23.43	0.19	0.11	0.47	0.96	75.36
D		0.10	0.08	0.43	0.83	74.50
D	23.42	0.10	0.09	0.38	0.82	75.38
D	24.59	0.08	0.11	0.47	1.02	74.46

NUECES/CORPUS CHRISTI BAY (NIPS-II) JUL 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS
D	11.6	2.2		7.1		
D						
D	10.0	2.6		7.1	0.70	
D						
D	11.6	1.0		6.8	0.70	
D						
D	10.7	2.5		6.7	0.60	
D	10.2	2.4				
D	10.1	2.5		6.8		
D	10.6	2.2		5.6		
D	9.9	2.7		6.7		
D	10.5	1.9		5.2		
D	9.8	2.0		6.6		
D	8.4	1.8				
D	9.2	1.7		6.2		
D	8.3	5.7				
D	8.1	2.0		6.3		
D	7.9	2.2				
D	7.8	2.2		6.4		
D	6.9	1.8				
D	7.7	1.9		6.4		
D	7.4	1.7				
D	8.3	1.7		6.5		
D	7.8	2.4				
D	7.7	1.8				
D	7.6	7.5				
D	7.4	1.7		6.4		
D	8.1	7.0				
D	7.3	1.9		6.3		
D	6.7	2.1				
D	8.1	1.7		6.4		
D	8.7	1.9				
D	7.7	2.1		6.3		
D	7.6	2.3				
D	7.4	1.9		6.3	0.80	
D	7.5	1.7				
D	8.4	1.7		6.3	0.80	
D	8.2	2.0				
D	7.8	1.5		6.7	0.80	
D	8.5	1.7				
D	8.1	1.3		6.8	0.85	
D	8.5	1.5				

NUECES/CORPUS CHRISTI BAY (NIPS-II) AUG 1988

STATION	DEPTH	DATE	TIME	LAT	LON	TEMP	SAL-C
1	0.00	110888	1103	27.8670	97.5200	28.8	40.3
1	0.70	110888	1103	27.8670	97.5200		40.3
2	0.00	110888	1116	27.8620	97.5250	29.3	41.4
2	0.70	110888	1116	27.8620	97.5250		41.5
3	0.00	110888	1132	27.8760	97.5070	29.5	35.9
3	0.80	110888	1132	27.8760	97.5070		35.9
4	0.00	110888	1143	27.8470	97.5010	29.5	38.1
4	1.20	110888	1143	27.8470	97.5010		38.2
4A	0.00	110888		27.8480	97.5440		
4A				27.8480	97.5440		
5	0.00	110888	1200	27.8600	97.4950	29.9	37.6
5	1.20	110888	1200	27.0600	97.4950		37.6
6	0.00	110888	1220	27.8350	97.4900	30.1	37.9
6	0.90	110888	1220	27.8350	97.4900		38.0
7	0.00	110888	1210	27.8500	97.4800	30.6	37.8
7	1.20	110888	1210	27.8500	97.4800		37.8
8	0.00	110888	1231	27.8600	97.4610	30.6	37.1
8	1.00	110888	1231	27.8600	97.4610		37.7
9	0.00	110888	1044	27.8420	97.4550	28.3	37.4
9	1.10	110888	1044	27.8420	97.4550		37.4
10	0.00	110888	1245	27.8610	97.4250	30.2	36.7
10	1.10	110888	1245	27.8610	97.4250		36.7
11	0.00	110888	1254	27.8500	97.4250	30.3	36.7
11	1.20	110888	1254	27.8500	97.4250		36.7
12	0.00	110888	1302	27.8310	97.4230	30.2	37.1
12	1.30	110888	1302	27.8310	97.4230		37.3
13	0.00	110888	1316	27.9100	97.4960	31.1	35.8
13	1.20	110888	1316	27.9100	97.4960		35.8
14	0.00	110888	1328	27.8760	97.4020		36.5
14	1.00	110888	1328	27.8650	97.4020		36.6
15	0.00	110888	1400	27.8520	97.3710	31.6	36.4
15	0.40	110888	1400	27.8520	97.3710		36.4
16	0.00	110888	1408	27.8380	97.3760	31.0	35.6
16		110888	1408	27.8380	97.3760		35.5
17	0.00	100888	1115	27.8120	97.3880	30.1	35.1
17		100888	1115	27.8120	97.3880		37.9
18	0.00	100888	1040	27.8570	97.3350	29.9	36.6
18		100888	1040	27.8570	97.3550		36.7
19	0.00	100888	1103	27.8150	97.3590	29.6	36.4
19		100888	1103	27.8150	97.3590		36.4
20	0.00	100888	1201	27.7900	97.3730	30.4	36.1
20		100888	1201	27.7900	97.3730		36.3
21	0.00	100888	1235	27.7440	97.3710	30.6	35.8
21		100888	1235	27.7440	97.3710		35.8
22	0.00	100888	1251	27.7140	97.3140	30.2	35.8
22		100888	1251	27.7140	97.3140		36.0
23	0.00	100888	1217	27.7760	97.3170	30.2	37.0
23		100888	1217	27.7760	97.3170		37.7
24	0.00	100888	1015	27.8110	97.2640	29.7	38.0
24		100888	1015	27.8110	97.2640		38.1
25	0.00	100888	1002	27.8280	97.2570	29.7	38.2
25		100888	1002	27.8280	97.2570		38.2
26	0.00	100888	941	27.8200	97.1980	27.6	36.1
26		100888	941	27.8200	97.1980		36.4

NUECES/CORPUS CHRISTI BAY (NIPS-II) AUG 1988

27	0.00	100888	1415	27.7510	97.2210	30.2	38.2
27		100888	1415	27.7510	97.2210		38.6
28	0.00	100888	1305	27.6860	97.2510	30.1	39.6
28		100888	1305	27.6860	97.2510		48.1
29	0.00	100888	1336	27.6330	97.2390	29.7	48.2
29		100888	1336	27.6330	97.2390		48.0
30	0.00	100888	1351	27.6910	97.2170	30.2	38.2
30		100888	1351	27.6910	97.2170		43.7
31	0.00	100888	1400	27.7070	97.1910	30.2	39.0
31		100888	1400	27.7070	97.1910		45.1
32	0.00	100888	919	27.8100	97.1480	27.5	36.1
32		100888	919	27.8100	97.1480		36.1
33	0.00	100888	929	27.6840	97.1540	26.6	35.9
33		100888	929	27.6840	97.1540		35.9
34	0.00	100888	1030	27.8480	97.2790	29.3	37.9
34		100888	1030	27.8480	97.2790		37.9
35	0.00	110888	1343	27.8750	97.3480		37.2
35	0.90	110888	1343	27.8750	97.3480		37.2

NUECES/CORPUS CHRISTI BAY (NIPS-II) AUG 1988

STATION	SIGT	NO3	NO2	NH4	PO4	SIO4
1	26.16	1.76	0.55	2.29	3.32	99.43
1		1.53	0.47	2.56	2.97	95.94
2	26.80	0.15	0.36	2.06	3.12	98.74
2		0.22	0.24	1.29	3.19	96.51
3	22.65	0.14	0.27	3.03	4.27	98.72
3		0.22	0.22	2.22	3.47	97.33
4	24.29	1.24	0.23	4.50	2.66	96.07
4		1.59	0.36	6.17	2.32	96.36
4A		0.08	0.65	6.16	4.18	97.65
4A						
5	23.81	0.96	0.26	2.94	2.03	94.84
5		1.02	0.34	1.60	3.02	95.35
6	23.97	1.00	0.21	1.47	2.50	30.35
6		1.08	0.21	1.26	2.98	33.81
7	23.70	2.73	0.47	1.06	3.02	34.99
7		2.87	0.50	1.12	2.61	94.12
8	23.19	0.70	0.18	0.67	1.60	85.34
8		0.77	0.21	1.69	1.91	86.32
9	24.16	0.79	0.32	1.15	1.96	88.20
9		0.37	0.59	3.72	2.86	89.85
10	23.04	0.44	0.20	1.96	1.24	86.81
10		0.17	0.51	3.68	2.02	84.82
11	22.95	0.46	0.08	2.51	1.65	89.97
11		0.44	0.23	3.09	1.84	90.33
12	23.32	0.22	0.41	4.67	1.91	87.33
12		0.88	0.15	3.08	1.56	87.06
13	22.07	0.47	0.14	3.25	1.06	75.72
13		0.51	0.23	4.23	1.35	74.13
14		0.78	0.09	3.44	1.49	82.85
14		0.93	0.11	0.49	1.70	87.82
15	22.29	0.35	0.50	0.78	1.36	87.65
15		0.90	0.07	1.01	1.77	88.15
16	21.88	0.46	0.36	0.57	0.85	69.31
16		0.46	0.41	1.15	1.34	76.02
17	21.84	4.37	0.52	0.72	1.42	68.07
17		1.21	0.28	2.36	1.59	76.73
18	23.03	0.21	0.22	0.93	1.50	81.03
18		0.03	0.40	0.89	1.77	79.80
19	23.01	0.14	0.32	1.22	1.45	69.98
19		0.07	0.38	0.75	1.48	68.19
20	22.53	0.20	0.25	0.89	1.51	79.40
20		0.22	0.27	0.96	1.50	79.31
21	22.24	0.19	0.29	0.76	1.33	76.98
21		0.00	0.51	1.09	1.74	75.51
22	22.37	0.22	0.28	1.30	1.29	77.73
22		0.12	0.40	1.33	1.85	76.91
23	23.21	0.20	0.34	0.83	1.23	75.40
23		0.31	0.25	0.68	1.06	75.90
24	24.16	0.35	0.21	0.96	0.88	72.99
24		0.38	0.19	0.81	1.15	73.41
25	24.28	0.42	0.16	0.82	1.21	75.21
25		0.44	0.17	1.00	1.23	76.35
26	23.43	0.53	0.07	1.10	0.63	16.81
26		0.56	0.09	0.97	0.74	26.81

NUECES/CORPUS CHRISTI BAY (NIPS-II) AUG 1988

26		0.56	0.09	0.97	0.74	26.81
27	24.17	0.21	0.22	0.67	1.11	77.11
27		0.04	0.27	0.52	1.15	78.86
28	25.22	0.04	0.27	0.77	1.02	76.22
28		0.01	0.40	1.52	0.96	61.37
29	31.81	0.05	0.32	1.80	0.72	84.56
29		0.35	0.01	1.20	0.61	84.69
30	24.11	0.31	0.04	0.90	1.14	77.15
30		0.16	0.20	0.67	1.22	81.86
31	24.73	0.22	0.11	0.66	0.93	81.46
31		0.28	0.07	0.65	1.00	81.85
32	23.46	0.34	0.03	0.77	0.68	20.74
32		0.34	0.04	0.86	0.67	20.54
33	23.58	0.34	0.03	0.92	0.59	9.88
33		0.33	0.04	0.68	0.51	9.86
34	24.18	0.17	0.21	0.67	1.11	70.36
34		0.01	0.40	1.07	1.13	67.87
35		5.51	0.38	1.52	3.22	89.13
35		5.60	0.51	1.39	3.62	90.24

NUECES/CORPUS CHRISTI BAY (NIPS-II) AUG 1988

STATION	CHL	PHAEO	SAL-R	O2	SECCHI	TRANS	SAL-B
1	9.8	3.1	42.0	6.2	0.40		40.94
1	10.4	3.9	41.0	6.4			
2	12.4	4.7	44.0	6.2	0.30		41.96
2	13.4	5.0	44.0	6.1			
3	18.9	4.0	38.0	6.7	0.30		36.97
3	19.2	4.7	38.0	6.1			
4	6.5	2.6	39.0	6.4	0.35		39.10
4	5.7	2.9	40.0	6.4			
4A	55.6	22.3					34.45
4A							
5	10.7	2.4	39.0	7.2	0.30		38.72
5	12.1	4.5	40.0	6.9			
6	11.3	3.7	41.0	7.4	0.35		38.96
6	18.3	5.1	41.0	7.1			
7	8.8	2.2	39.0	7.1	0.30		38.87
7	8.7	2.7	40.0	6.8			
8	5.4	1.1	39.0	7.0	0.45		38.27
8	3.8	1.3	40.0	6.6			
9	10.7	2.9	39.0	6.7	0.25		38.44
9	14.0	10.6	39.0	6.4			
10	9.0	2.2	39.0	7.2	0.20		37.79
10	9.3	2.7	39.0	7.0			
11	11.1	2.3	39.0	7.5	0.40		37.80
11	15.9	2.5	39.0	7.2			
12	20.2	3.7	38.0	7.8	0.30		38.13
12	22.4	6.6	38.0	7.8			
13	8.8	3.1	38.0	7.4	0.35		36.90
13	9.5	3.9	38.0	7.1			
14	11.4	3.3	38.0	7.3	0.30		37.72
14	12.2	3.4	38.0	7.4			
15	8.6	2.4	38.0	7.5	0.40		37.52
15	8.0	2.4	38.0	7.5			
16	15.2	2.3	37.0	8.3	0.70		36.48
16	16.2	2.7	38.0	8.3			
17	19.4	3.0	38.0	7.9	0.90		36.25
17	8.0	3.0	38.0				
18	6.9	1.9	38.0	7.8	0.30		37.56
18	6.9	2.2	39.0				
19	7.3	1.8	39.0	7.8	0.40		37.17
19	7.1	2.2	38.0				
20	7.2	1.7	39.0	7.9	0.70		37.32
20	7.3	1.6	38.0				
21	5.7	1.3	38.0	7.9	0.80		36.80
21	8.5	2.9	39.0				
22	8.1	1.7	38.0	7.9	0.70		36.85
22	10.4	2.6	39.0				
23	5.9	1.3	39.0	8.0	0.80		38.07
23	7.1	1.7	39.0				
24	6.4	1.7	39.0	7.9	0.60		38.88
24	6.7	1.7	39.0				
25	7.2	2.0	39.0	7.9	0.50		38.92
25	7.2	2.2	39.0				
26	2.4	0.7	37.0	7.8	0.80		36.84
26	2.8	1.3	37.0				

NUECES/CORPUS CHRISTI BAY (NIPS-II) AUG 1988

27	5.5	1.3	39.0	8.0	1.30	39.12
27	6.2	1.7	40.0			
28	6.4	1.2	40.0	8.1	1.10	40.91
28	5.6	1.4	50.0			
29	1.7	0.6	50.0	8.2	1.10	41.96
29	1.1	0.7	50.0			
30	6.3	1.1	40.0	8.0	1.20	39.08
30	9.0	2.3	42.0			
31	7.1	2.2	40.0	6.7	0.90	40.03
31	8.2	2.1	41.0			
32	2.2	0.6	37.0	6.7	1.00	37.04
32	2.2	0.7	37.0	6.8		
33	1.2	0.3	37.0	7.1	2.00	36.67
33	1.3	0.5	37.0			
34	7.5	1.9	39.0	6.3	0.60	38.99
34	7.8	2.8	40.0			
35	12.6	3.9	39.0	7.2	0.25	38.41
35	12.9	4.4	39.0	6.8		