

**STUDIES OF THE SAN FRANCISCO BAY, CALIFORNIA, ESTUARINE ECOSYSTEM. PILOT
REGIONAL MONITORING PROGRAM RESULTS, 1995**

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CONVERSION FACTORS

<u>Multiply</u>	<u>By</u>	<u>To Obtain</u>
meter (m)	3.28	foot
nanometer (nm)	2.94×10^{-8}	inch
gram	2.2×10^{-3}	pound
kilogram	2.2	pound
milligram	2.2×10^{-6}	pound
liter	1.06	quart

Temperature is given in degrees Celsius ($^{\circ}\text{C}$) and can be converted to degrees Fahrenheit ($^{\circ}\text{F}$) using the following equation:

$$^{\circ}\text{F} = 1.8 (^{\circ}\text{C}) + 32$$

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ABSTRACT

As part of a pilot regional monitoring program, water samples were collected in the San Francisco Bay estuary during 22 cruises from January through October 1995. Conductivity, temperature, light attenuation, turbidity, oxygen, and *in-vivo* chlorophyll a fluorescence or absorbance were measured longitudinally and vertically in the main channel of the estuary from south of the Dumbarton Bridge in the southern part of the Bay to Rio Vista on the Sacramento River. Discrete water samples were analyzed for chlorophyll a, phaeopigments, suspended particulate matter, and dissolved oxygen. Water density was calculated from salinity, temperature, and pressure (depth), and is included in the data summaries. Phytoplankton species abundance and cell volume were determined at selected stations every other month.

INTRODUCTION

A major goal of the San Francisco Estuary Project's Comprehensive Conservation and Management Plan (CCMP) is "to improve the scientific basis for managing natural resources within the estuary through an effective monitoring and research program" (San Francisco Estuary Project Management Committee, 1994). The CCMP more specifically recommends the development and implementation of a Regional Monitoring Strategy to integrate and expand upon existing efforts and to eventually be part of a comprehensive San Francisco Bay Regional Monitoring Program. A first version of the Regional Monitoring Strategy has since been developed and among its fundamental principles are: (a) a focus on the collection of data that will provide information on status and trends in the Estuary; and (b) a regional assessment of these data to determine the ecological condition of the Estuary. In addition, several pilot field programs have begun that, with existing programs conducted by various agencies, will eventually constitute the comprehensive Regional Monitoring Program.

This document summarizes data collected during 1995 in one of these pilot programs. A regional monitoring program must cover many types of resources, including pelagic and benthic channel habitat, shoal habitat, wetlands, river channels, sloughs, and small bays and harbors. This particular program focuses on the pelagic channel habitat. Its objective is to provide a high-resolution description of critical aspects of habitat quality, which can be used along with other information to determine the suitability of habitat for aquatic resources and provide a context for understanding distribution of pollutants. Measurements of physical (salinity, temperature, suspended particulate matter, and light penetration), chemical (dissolved oxygen), and biological characteristics (chlorophyll a) are included. The purpose of this document is solely to provide a comprehensive summary of the 1995 pilot program data; an assessment of these data will be presented elsewhere.

Samples were collected throughout San Francisco Bay monthly from January through October. During March and April, when a phytoplankton bloom was expected in South Bay (stations 36 through 21), the frequency of cruises was increased. Sampling sites are shown in figure 1, their locations and water depth are identified in table 1, and the sampling dates are shown in table 2. A Sea-Bird Electronics conductivity-temperature-depth (CTD) data acquisition system, Sea Tech *in-situ* fluorometer, WET Labs three wavelength absorption meter (a-3), Sea-Bird Electronics oxygen sensor, D & A Instrument optical backscatter sensor (OBS), and LiCor quantum sensor were used to measure vertical distributions of conductivity (salinity), temperature, chlorophyll a fluorescence or absorbance, oxygen concentration, turbidity, and solar irradiance, respectively, at each station. Discrete chlorophyll a, oxygen, and suspended particulate samples were collected at selected sites to calibrate the fluorometer, oxygen sensor, and OBS sensor on each sampling date. Samples to characterize the phytoplankton community composition and abundance were collected every other month.

Acknowledgments

This pilot study was supported by a number of program participants, including municipal and industrial dischargers, cooling water and storm water dischargers, and dredgers. We thank them for their financial support and their foresight in appreciating the need to view the Estuary as a whole and to manage it on a regional basis. Additional funding was provided by the California Department of Water Resources and the U.S. Geological Survey Toxic Substances Hydrology Program. We are also grateful to the Regional Water Quality Control Board for their oversight and coordination of the Regional Monitoring Program, and to the San Francisco Estuary Institute for their essential role in management of the Program.

METHODS

Sampling System

In-situ measurements were made from the R/V *Polaris* with a high speed data acquisition system. At each station a Sea-Bird Electronics (SBE) underwater unit (SBE-9) was lowered through the water column. Attached to the data acquisition unit were the following sensors: SBE-4 conductivity sensor, SBE-3 temperature probe, Paroscientific digiquartz pressure transducer, SBE-13 oxygen sensor, OBS 3 optical backscatter sensor, and LiCor Instruments 192S quantum sensor. A Sea Tech *in-vivo* fluorometer was attached to the unit for the cruises of January 1 through March 23, June 13 and September 21 through October 31. On the cruises of March 30 through May 15 and July 18 through August 16, a WET Labs three wavelength absorption meter (a-3) was used to replace the Sea Tech fluorometer. With this instrument package, vertical distributions of conductivity, temperature, depth (pressure), oxygen concentration, turbidity, and solar radiance were measured throughout the water column. Both the Sea Tech *in-vivo* fluorometer and the WET Labs a-3 meter were used to measure chlorophyll a fluorescence and absorbance respectively.

The instrument package was lowered through the water at about 0.5 meters per second. Signals from the conductivity, temperature, pressure, fluorescence or absorbance, oxygen, OBS, and light sensors were digitized in the underwater unit (SBE-9) at 24 scans per second, resulting in a vertical sampling interval of about 2 cm. The data were transmitted to a deck unit through a single-conductor armored cable, displayed and stored on a shipboard computer. To conserve space in this report, the data presented in Appendix A are averages of about 50 data points collected over 1 meter intervals. For example, the one-meter values listed in Appendix A are averages of all measurements made between depths of 0.5 and 1.5 meters.

The conductivity sensor was a 2-terminal, 3 electrode (platinum), flow-through sensor. This sensor was accurate within 0.0004 Siemens per meter and had a resolution of 5×10^{-5}

Siemens per meter (Sea-Bird Electronics). Temperature (TEMP) was measured with a Wien Bridge type resistance thermistor. This sensor was accurate to ± 0.002 °C and had a resolution of 0.0005 °C (Sea-Bird Electronics). The conductivity and temperature probes were recalibrated in December 1994 by the National Oceanic and Atmospheric Administration's Northwest Regional Calibration Center, Bellevue, Washington. Values for salinity (SALIN) were calculated from conductivity and temperature using the algorithm supplied with the Sea-Bird Electronics software, based on the equations of Millero and others (1981) and Millero and Poisson (1981). Water density, as sigma-t (SIGT), derived from salinity, temperature, and pressure, was also calculated using the Sea-Bird Electronics software package. Calculations of sigma-t were based on the equations of Fofonoff and Millard (1983). Sampling depths (DEPTH), derived from changes in pressure measured by the Paroscientific digiquartz transducer, were accurate within 0.01 meter.

Chlorophyll a fluorescence was measured with a Sea Tech submersible pulsed-light fluorometer, which had a flash rate of 5 times per second. Because the sampling rate of the fluorometer was about one fifth that of the Sea-Bird underwater unit (5 times per second as compared with 24 times per second), the fluorescence data reported here are 3 m running averages of the measured values in order to smooth the variability associated with this mismatch of sampling frequencies. Hence, the vertical resolution of chlorophyll a fluorescence reported here was about 3 m. The WET Labs three wavelength absorption meter (a-3) measured chlorophyll a absorbance at wavelengths 650 nm, 676 nm, and 710 nm. An internal algorithm calculated chlorophyll a concentrations with the measured absorbance values. The instrument had a precision of 0.05 μm per liter and a sampling rate of 12 scans per second.

Dissolved oxygen concentrations (OXYG) were measured with an SBE-13 oxygen electrode that contains a Beckman polarographic element. The electrode was accurate to 0.14 mg O₂/L. A constant water flow across the oxygen membrane is necessary for accurate

measurements, and until October 23, the pump which provides this flow was activated only when the salinity exceeded 1 practical salinity unit (PSU). Therefore, oxygen values until this time were not reported when salinity was less than 1 PSU. A float switch was installed prior to the October 23 cruise to activate the pump during all sampling events including those done in low salinity (less than 1 PSU) waters. Therefore, all oxygen values were reported for the October 23 cruise. Dissolved oxygen concentration was calculated with the Sea-Bird Electronics software package, based on the equation from Owens and Millard (1985).

Optical backscatter, or turbidity, was measured using an OBS 3 sensor which had an 875 nm infrared source and silicon photodetector.

Visible light was measured with a LiCor 192S quantum sensor sensitive to photosynthetically active radiation (400-700 nm). The extinction coefficient (EXCOF) was calculated as the slope of the least-squares regression of the natural log of measured values of irradiance ($\ln(I_z)$) against the depth (Z) where the irradiance was measured.

Discrete Analyses

Discrete water samples for chlorophyll a, phaeopigments, dissolved oxygen, and suspended particulate matter were collected at selected stations coincident with the lowering of the submersible instrument package. Water samples were collected from 1 meter above the bottom with a Niskin water sampling bottle and from 2 meters below the surface through a centrifugal pump with an intake at the ship's bow. Each discrete sample for chlorophyll a (DISCR CHL a) and phaeopigments (PHA) was filtered at less than 12 cm Hg onto a Gelman A/E glass fiber filter and immediately frozen. The air-dried filter was ground in 90 percent acetone within 1 week of collection. After extraction for 12-24 hours at -10 °C, samples were centrifuged and absorbances of the extracts were determined on a Hewlett Packard 8452A diode array spectrophotometer. The acetone extracts were acidified to measure phaeopigments

(Riemann, 1978). Chlorophyll a and phaeopigment values were calculated using Lorenzen's (1967) equations.

Dissolved oxygen concentrations (DISCR OXYG) were measured in water collected from the bow pump in 300 mL biological oxygen demand (BOD) bottles. The bottles were filled from the bottom and allowed to overflow for 2 to 3 minutes to insure that no air bubbles were in the bottle. Winkler reagents (Strickland and Parsons, 1972) were added immediately and bottles were stored with water in their cap-wells and covered by a snap-fit plastic cap. Before beginning the titrations, the samples were acidified and 100.2 mL of sample was collected by autopipette. The sample was titrated with 0.01 N sodium thiosulfate dispensed by a Metrohm autotitrator using the potentiometric titration method of Graneli and Graneli (1991). Potassium iodate standardization of the sodium thiosulfate was conducted under identical procedures to eliminate problems associated with iodine volatilization (Knapp et al., 1991).

Suspended particulate matter (DISCR SPM) was measured gravimetrically, as described by Hager (1993). Between 100 and 500 mL of water were filtered onto preweighed 0.4 μm pore size polycarbonate membrane filters and allowed to air dry for 48 to 72 hrs. Filters were then reweighed and a correction for salt on the filters was made to calculate the concentration of suspended particulate matter (Hager, 1993).

Instrument Calibration

Estimates of chlorophyll a at each depth were derived from linear regressions of measured chlorophyll a (DISCR CHL a) against water fluorescence (FLUOR) or chlorophyll a absorbance (ABS). The slope (B) and intercept (A) from the regressions were used to calculate chlorophyll a concentrations (CALC CHL a) from the fluorescence or absorbance values (CALC CHL a = A + B x (FLUOR or ABS)). If calculated chlorophyll a was less than or equal to zero or if the output voltage (fluorescence) was less than 0.2, the result was not printed. Absorbance

derived chlorophyll a values were reported even when the chlorophyll a values were below zero. Regression coefficients are presented at the end of each daily data summary. The coefficient of determination (r^2) indicates the strength of the linear relation between discrete chlorophyll a and fluorescence or absorbance. Caution needs to be exercised in using calculated chlorophyll a values when this coefficient is less than 0.70. Also note that some of the regressions resulted in nonzero intercepts, which indicate that there was fluorescence in the water not associated with particulate chlorophyll a. Calculated chlorophyll a concentration divided by discrete chlorophyll a plus phaeopigment concentrations ($[\text{CALC CHLa}]/[\text{DISCR CHLa+PHA}]$) gives the proportion of active chlorophyll a to total pigments, including chlorophyll degradation products.

The CTD dissolved oxygen measurements (OXYG) were calibrated using discrete dissolved oxygen measurements (DISCR OXYG). These estimates of dissolved oxygen concentrations with depth (CALC OXYG) were derived from a linear regression of discrete dissolved oxygen measurements (DISCR OXYG) and measurements with the electrode (OXYG). Calculation of percent oxygen saturation (% OXY SAT) for each calculated oxygen value was based on equation 4 from Weiss (1970).

Calculated SPM concentrations (CALC SPM) with depth were derived from linear regressions of the discrete measures of SPM concentration (DISCR SPM) and the optical backscatter (OBS) voltage. Significant differences among the calibration regression coefficients for individual cruise dates necessitated unique instrument calibrations for the fluorometer, a-3, optical backscatter, and oxygen sensor for each day of sampling.

Composition and Abundance of Phytoplankton Species

Water samples for composition and abundance of phytoplankton species were collected at 2 meters depth using the Niskin water sampler. Samples of 100 mL were preserved with Lugol's solution (final concentration 1 percent). Identification and enumeration of phytoplankton were made with a Leitz phase-contrast microscope by the method of Utermohl (1958). Aliquots for counting and identification ranged from 2 to 5 mL depending on sample turbidity. Phytoplankton cells greater than 30 μm in diameter were enumerated at 125X magnification. Smaller cells were counted at 1250X magnification. The entire bottom of the settling chamber was viewed during the count at 125X. At least 100 cells of the most numerous taxon were counted using the strip count method at 1250X (American Public Health Association, 1989). Cell volumes were estimated for dominant taxa by measuring the cell dimensions of 50 to 100 individuals and applying the geometric formulas given by Wetzel and Likens (1991). For rare taxa, volume estimates were made from fewer measurements of cell dimensions. Identification of diatoms and dinoflagellates were made after the cell contents were cleared in 30 percent hydrogen peroxide and the cells were mounted in Hyrax Mounting Medium.

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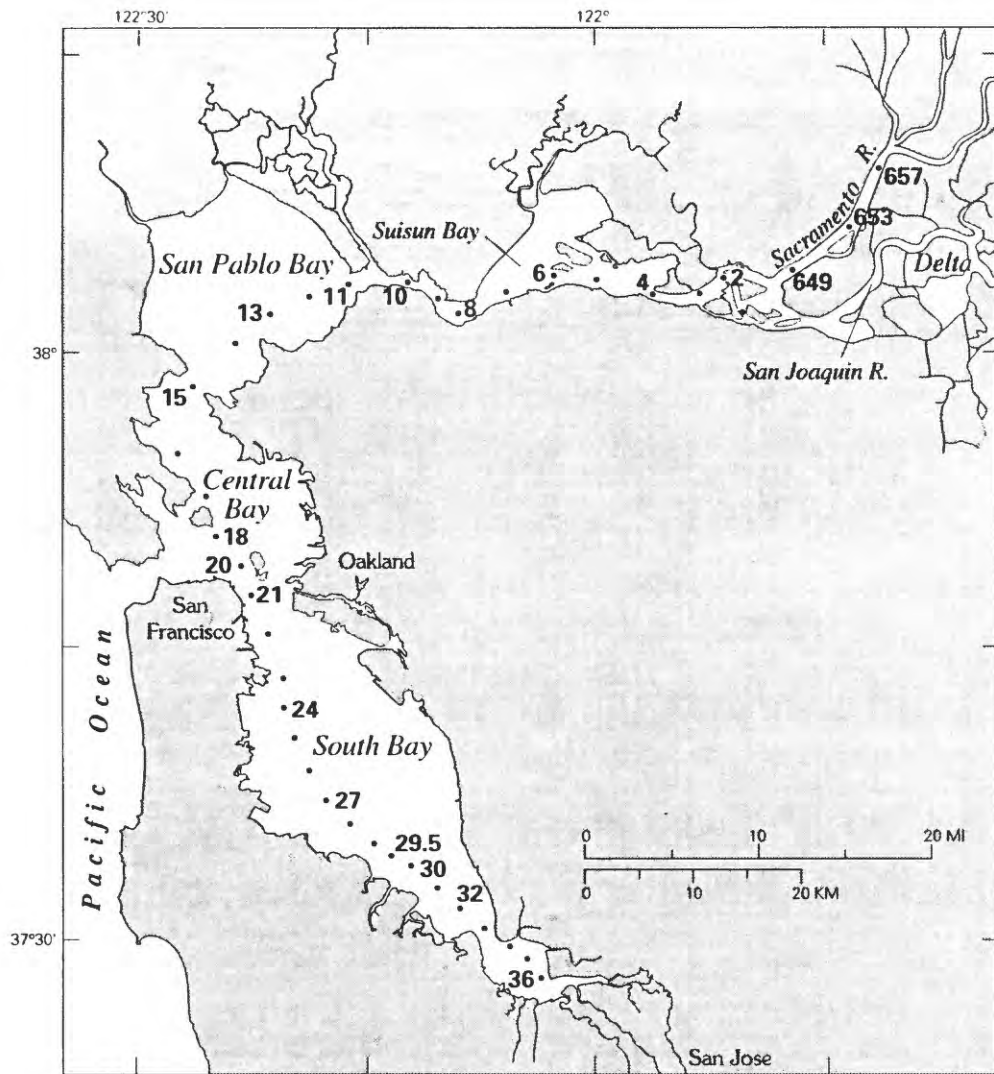


Figure 1 - Map of San Francisco Bay estuary showing locations of water sampling stations(See Table 1 for identification of stations)

Table 1 - San Francisco Bay Stations (locations shown on figure 1)

Station Number	General Location	North Latitude	West Longitude	Depth, in meters, at mean low water
657	Rio Vista	38° 8.9'	121° 41.3'	10.1
655	N. of Three Mile Slough	7.3'	42.1'	10.1
653	Mid-Decker Island	6.3'	43.2'	10.1
649	Sacramento River	3.7'	48.0'	10.1
2	Chain Island	3.8'	51.3'	11.3
3	Pittsburg	3.0'	52.7'	11.3
4	Simmons Point	2.9'	56.1'	11.6
5	Middle Ground	3.6'	58.8'	9.8
6	Roe Island	3.9'	122° 2.1'	10.1
7	Avon Pier	2.9'	5.8'	11.6
8	Martinez	1.8'	9.1'	14.3
9	Benicia	3.0'	10.4'	34.4
10	Crockett	3.6'	12.5'	17.7
11	Mare Island	3.7'	15.8'	15.5
12	Pinole Shoal	3.1'	18.7'	8.8
13	N. of Pinole Point	1.7'	22.2'	9.8
14	"Echo" Buoy	0.4'	24.3'	13.1

Station Number	General Location	North Latitude	West Longitude	Depth, in meters, at mean low water
15	Point San Pablo	37° 58.5'	122° 26.2'	22.9
16	"Charlie" Buoy	54.9'	26.8'	12.8
18	Point Blunt	50.8'	25.3'	43.0
20	Blossom Rock	49.2'	23.6'	18.2
21	Bay Bridge	47.3'	21.5'	17.4
22	Potrero Point	45.9'	21.5'	18.0
23	Hunter's Point	43.7'	20.2'	20.1
24	Candlestick Point	41.9'	20.3'	11.0
25	Oyster Point	40.2'	19.5'	8.8
26	San Bruno Shoal	38.1'	18.8'	9.8
27	San Francisco Airport	37.1'	17.5'	13.0
28	N. of San Mateo Bridge	36.1'	16.2'	16.2
29	S. of San Mateo Bridge	34.8'	14.7'	14.6
30	Redwood Creek	33.3'	11.4'	12.8
31	Coyote Hills	31.7'	9.5'	13.7
32	Ravenswood Point	31.1'	8.0'	12.8

Station Number	General Location	North Latitude	West Longitude	Depth, in meters, at mean low water
33	Dumbarton Bridge	37° 30.5'	122° 7.3'	11.6
34	Newark Slough	29.7'	5.6'	7.9
35	Mowry Slough	28.8'	4.8'	8.5
36	Calaveras Point	28.3'	3.9'	7.9

Non-Standard Stations

Station Number	General Location	North Latitude	West Longitude	Depth, in meters, at mean low water
4.1	Simmons Point	3.3'	122° 56.7'	8.8
6.1	Roe Island	3.7'	2.2'	9.8
8.1	Martinez	1.9'	8.4'	14.9
12.5	Pinole Point	2.4'	18.9'	6.7
28.5	Geo Probe	35.8	14.1	15.7
29.5	Steinberger Slough	34.1'	13.1'	14.6
SM 70		37° 1.7'	5.5'	5.0
SM 66		1.6'	5.1'	5.0
SM 53		1.6'	6.0'	0.5
SM 46		1.7'	6.1'	0.5

Table 2 - Dates of Cruises and Stations Occupied in 1995

South Bay

 CTD cast

 No data

DATE		STATION														Other Stations			
MONTH	DAY	36	35	34	33	32	31	30	29.5	29	28	27	26	25	24		23	22	21
JAN	18																		20
	24																		
FEB	7																		20
	15																		
	22																		
	28																		28.5
MAR	7																		28.5
	16																		28.5
	23																		28.5
	30																		28.5
APR	4																		20, 28.5
	7																		28.5
	11																		28.5
	19																		
	24																		
	27																		
MAY	2																		20
	9																		
	16																		
JUN	13																		20
JUL	18																		20
AUG	16																		20
SEP	21																		20
OCT	25																		

North Bay

DATE		STATION																Other Stations				
MONTH	DAY	657	649	2	3	4	5	6	7	8	9	10	11	12	13	14	15		16	17	18	
JAN	18																					
FEB	7																					
MAR	7																					
APR	4																					12.5
	18																					12.5
MAY	2																					12.5
JUN	13																					
JUL	18																					
AUG	16																					
SEP	21																					12.5
OCT	23																					12.5

APPENDIX A

Data Summaries of Hydrographic Properties

Explanation of Abbreviations and Units

<u>Variable</u>	<u>Abbreviation</u>	<u>Units</u>
station	STN	
time at which sample was taken	TIME	local time
depth at which sample was taken	DEPTH	meters
measured chlorophyll a	DISCR CHL a	mg/L
fraction of measured pigments and degradation products attributable to chlorophyll a	CHL a/a+PHA	fraction
absorbance	ABS	volts
fluorescence	FLUOR	volts
calculated chlorophyll a	CALC CHL a	mg/L
measured dissolved oxygen	DISCR OXYG	mg O ₂ /L
dissolved oxygen from CTD	OXYG	mg O ₂ /L
calculated dissolved oxygen	CALC OXYG	mg O ₂ /L
measured suspended particulate matter	DISCR SPM	mg/L
optical backscatter	OBS	volts
calculated suspended particulate matter	CALC SPM	mg/L
extinction coefficient	EXCOF	per meter
salinity	SALIN (PSU)	practical salinity units
temperature	TEMP	degrees Celsius
sigma-theta	SIGT	kg per cubic meter

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0638	1.0	1.0	2.8	0.96	2.1	8.4	8.2	8.3	85	41.2	1.03	37		17.61	10.93	13.28
36.0	0638	2.0	2.0	2.8	0.97	2.1	8.4	8.2	8.4	86		1.19	42		18.39	10.99	13.88
36.0	0638	3.0	3.0	2.8	1.01	2.1	8.1	8.1	8.3	85		1.72	59		19.26	11.20	14.52
36.0	0638	4.0	4.0	2.8	1.04	2.2	8.1	8.1	8.3	86		2.25	76		19.45	11.21	14.67
36.0	0638	5.0	5.0	2.8	1.08	2.2	8.1	8.1	8.3	86		2.32	78		19.70	11.22	14.86
36.0	0638	6.0	6.0	2.8	1.14	2.3	8.0	8.0	8.2	86		3.24	108		20.20	11.33	15.23
36.0	0638	7.0	7.0	2.4	1.20	2.3	8.1	8.1	8.2	86		3.71	124		20.47	11.31	15.44
36.0	0638	8.0	8.0	2.4	1.21	2.3	8.0	8.0	8.2	86		5.10	169		20.68	11.36	15.60
34.0	0659	1.0	1.0		0.79	1.9	8.4	8.4	8.5	87		0.71	26		20.43	10.34	15.56
34.0	0659	2.0	2.0		0.79	1.9	8.6	8.6	8.7	88		0.67	25		20.22	10.22	15.41
34.0	0659	3.0	3.0		0.79	1.9	8.6	8.6	8.7	89		0.75	27		20.56	10.47	15.64
34.0	0659	4.0	4.0		0.77	1.9	8.6	8.6	8.7	90		0.67	25		20.83	10.57	15.83
34.0	0659	5.0	5.0		0.77	1.9	8.7	8.7	8.7	90		0.61	23		21.00	10.71	15.95
34.0	0659	6.0	6.0		0.77	1.9	8.7	8.7	8.8	91		0.69	25		21.15	10.84	16.04
34.0	0659	7.0	7.0		0.78	1.9	8.7	8.7	8.8	91		0.81	29		21.25	10.92	16.10
34.0	0659	8.0	8.0		0.78	1.9	8.5	8.5	8.6	90		0.90	32		21.75	11.07	16.48
32.0	0718	1.0	1.0	2.3	0.21	1.3	8.7	8.7	8.7	90	19.8	0.32	13		20.93	10.83	15.87
32.0	0718	2.0	2.0	2.3	0.21	1.3	8.7	8.7	8.7	91		0.35	14		21.28	10.96	16.13
32.0	0718	3.0	3.0		0.21	1.3	8.6	8.6	8.7	91		0.35	14		21.57	11.04	16.34
32.0	0718	4.0	4.0		0.21	1.3	8.6	8.6	8.7	91		0.36	15		21.73	11.05	16.46
32.0	0718	5.0	5.0		0.21	1.3	8.6	8.6	8.7	91		0.39	15		21.78	11.03	16.50
32.0	0718	6.0	6.0		0.21	1.3	8.7	8.7	8.8	92		0.43	17		21.80	11.05	16.51
32.0	0718	7.0	7.0		0.20	1.3	8.7	8.7	8.8	92		0.44	17		21.86	11.11	16.55
32.0	0718	8.0	8.0		0.20	1.3	8.7	8.7	8.8	92		0.39	16		21.95	11.15	16.61
32.0	0718	9.0	9.0				8.7	8.8	8.8	92		0.42	16		22.00	11.12	16.66
32.0	0718	10.0	10.0				8.7	8.8	8.8	92		0.46	18		22.03	11.12	16.68
32.0	0718	11.0	11.0				8.7	8.8	8.8	92		0.49	19		22.05	11.13	16.69
32.0	0718	12.0	12.0	2.4	0.79		8.7	8.7	8.8	92		0.54	20		22.06	11.12	16.71
30.0	0744	1.0	1.0	1.8	0.94		8.9	8.7	8.8	91	7.9	0.09	6	1.3	20.87	11.03	15.80
30.0	0744	2.0	2.0				8.7	8.7	8.8	91		0.10	6		20.99	11.03	15.89
30.0	0744	3.0	3.0				8.7	8.7	8.8	91		0.11	7		21.13	11.03	16.00
30.0	0744	4.0	4.0				8.7	8.7	8.8	91		0.13	7		21.18	11.02	16.04
30.0	0744	5.0	5.0				8.8	8.8	8.8	92		0.13	7		21.24	11.02	16.08
30.0	0744	6.0	6.0				8.7	8.8	8.8	92		0.14	7		21.98	11.15	16.64
30.0	0744	7.0	7.0				8.6	8.6	8.7	92		0.16	8		22.47	11.31	16.99
30.0	0744	8.0	8.0				8.6	8.6	8.7	91		0.22	10		22.46	11.30	16.99
30.0	0744	9.0	9.0				8.6	8.6	8.7	91		0.29	12		22.47	11.30	16.99
30.0	0744	10.0	10.0				8.6	8.6	8.7	91		0.34	14		22.49	11.30	17.01
30.0	0744	11.0	11.0				8.6	8.6	8.7	91		0.36	15		22.56	11.30	17.06
30.0	0744	12.0	12.0				8.6	8.6	8.7	91		0.37	15		22.65	11.32	17.13

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0813	1.0						8.8	8.8	91		0.07	5	1.2	19.10	11.08	14.42
29.0	0813	2.0						8.8	8.9	91		0.08	6		19.28	11.06	14.56
29.0	0813	3.0						8.9	8.9	92		0.09	6		19.38	11.05	14.64
29.0	0813	4.0						8.8	8.9	92		0.09	6		20.11	11.21	15.18
29.0	0813	5.0						8.7	8.8	92		0.09	6		20.85	11.29	15.74
29.0	0813	6.0						8.7	8.8	92		0.09	6		21.06	11.29	15.90
29.0	0813	7.0						8.7	8.8	92		0.10	6		21.16	11.28	15.98
29.0	0813	8.0						8.7	8.8	92		0.11	7		21.64	11.32	16.35
29.0	0813	9.0						8.6	8.7	92		0.13	7		22.11	11.35	16.71
29.0	0813	10.0						8.6	8.7	92		0.15	8		22.43	11.36	16.95
29.0	0813	11.0						8.6	8.7	92		0.17	8		22.57	11.35	17.07
29.0	0813	12.0						8.6	8.7	92		0.19	9		22.69	11.35	17.16
29.0	0813	13.0						8.6	8.7	92		0.20	10		22.78	11.35	17.22
29.0	0813	14.0						8.6	8.7	92		0.23	10		22.93	11.36	17.34
29.0	0813	15.0						8.5	8.6	92		0.27	12		23.05	11.38	17.43
27.0	0837	1.0						9.1	9.1	90		0.07	5	1.2	14.89	10.69	11.21
27.0	0837	2.0	2.5				9.0	9.0	9.0	91	3.9	0.07	5		16.62	10.90	12.52
27.0	0837	3.0						9.0	9.0	92		0.07	5		18.40	11.07	13.88
27.0	0837	4.0						8.8	8.8	92		0.07	5		20.61	11.31	15.56
27.0	0837	5.0						8.6	8.7	92		0.08	5		22.00	11.38	16.61
27.0	0837	6.0						8.6	8.7	92		0.09	6		22.59	11.40	17.07
27.0	0837	7.0						8.6	8.7	92		0.10	6		22.68	11.40	17.14
27.0	0837	8.0						8.5	8.6	91		0.12	7		22.70	11.40	17.15
27.0	0837	9.0						8.5	8.6	91		0.13	7		22.71	11.40	17.17
27.0	0837	10.0						8.5	8.6	91		0.14	8		22.75	11.41	17.19
27.0	0837	11.0						8.5	8.6	91		0.16	8		22.78	11.41	17.22
27.0	0837	12.0	1.6	0.84				8.5	8.6	91		0.18	9		22.80	11.41	17.23
25.0	0905	1.0			0.58	1.7		8.7	8.8	88		0.10	6	1.2	14.53	11.36	10.84
25.0	0905	2.0			0.58	1.7		8.8	8.8	89		0.10	6		14.77	11.31	11.03
25.0	0905	3.0			0.58	1.7		8.8	8.9	89		0.09	6		14.91	11.39	11.13
25.0	0905	4.0			0.56	1.6		8.7	8.8	89		0.09	6		15.91	11.46	11.89
25.0	0905	5.0			0.53	1.6		8.6	8.7	90		0.09	6		18.58	11.37	13.97
25.0	0905	6.0			0.51	1.6		8.6	8.7	90		0.09	6		19.99	11.41	15.06
25.0	0905	7.0			0.50	1.6		8.5	8.6	90		0.09	6		20.70	11.42	15.60
25.0	0905	8.0			0.49	1.6		8.5	8.6	90		0.09	6		20.97	11.42	15.81
25.0	0905	9.0			0.50	1.6		8.5	8.6	90		0.12	7		21.00	11.42	15.84
24.0	0921	1.0			0.58	1.7		8.9	8.9	89		0.12	7	1.4	13.57	11.30	10.10
24.0	0921	2.0	1.2		0.57	1.7	8.9	8.9	8.9	90	8.7	0.12	7		14.87	11.36	11.10
24.0	0921	3.0			0.55	1.6		8.7	8.8	90		0.13	7		17.12	11.56	12.82
24.0	0921	4.0			0.54	1.6		8.6	8.7	90		0.13	7		17.58	11.60	13.16

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
24.0	0921	5.0			0.54	1.6		8.6	8.7	90		0.12	7		18.54	11.61	13.90
24.0	0921	6.0			0.53	1.6		8.6	8.6	90		0.14	7		18.77	11.59	14.09
24.0	0921	7.0			0.52	1.6		8.5	8.6	90		0.15	8		19.08	11.57	14.33
24.0	0921	8.0			0.52	1.6		8.5	8.6	90		0.15	8		19.46	11.56	14.62
24.0	0921	9.0			0.52	1.6		8.5	8.6	90		0.15	8		19.98	11.54	15.03
24.0	0921	10.0			0.51	1.6		8.5	8.6	90		0.16	8		20.35	11.52	15.32
24.0	0921	11.0	1.1	0.96	0.52	1.6		8.5	8.6	90		0.17	8		20.47	11.52	15.41
22.0	0954	1.0			0.60	1.7		8.8	8.9	88		0.23	10	1.7	12.05	11.39	8.92
22.0	0954	2.0			0.59	1.7		8.8	8.9	88		0.23	10		12.44	11.41	9.21
22.0	0954	3.0			0.59	1.7		8.8	8.8	88		0.22	10		12.63	11.43	9.36
22.0	0954	4.0			0.59	1.7		8.8	8.8	88		0.22	10		13.31	11.43	9.89
22.0	0954	5.0			0.57	1.7		8.8	8.9	89		0.22	10		14.53	11.45	10.83
22.0	0954	6.0			0.56	1.6		8.7	8.8	89		0.21	10		16.21	11.57	12.11
22.0	0954	7.0			0.55	1.6		8.7	8.8	90		0.20	9		16.69	11.61	12.48
22.0	0954	8.0			0.53	1.6		8.6	8.7	90		0.18	9		18.12	11.69	13.56
22.0	0954	9.0			0.52	1.6		8.6	8.7	90		0.17	8		18.55	11.72	13.89
22.0	0954	10.0			0.51	1.6		8.6	8.7	90		0.17	8		19.12	11.77	14.33
22.0	0954	11.0			0.51	1.6		8.5	8.6	91		0.18	9		20.12	11.84	15.09
22.0	0954	12.0			0.50	1.6		8.5	8.6	91		0.18	9		20.34	11.85	15.26
22.0	0954	13.0			0.50	1.6		8.5	8.6	91		0.19	9		20.49	11.86	15.37
22.0	0954	14.0			0.50	1.6		8.4	8.5	91		0.20	9		22.26	11.98	16.72
22.0	0954	15.0			0.51	1.6		8.4	8.5	92		0.41	16		22.99	12.02	17.28
22.0	0954	16.0			0.54	1.6		8.3	8.5	91		0.73	27		23.42	12.05	17.60
22.0	0954	17.0			0.57	1.7		8.3	8.5	91		1.20	42		23.78	12.07	17.88
22.0	0954	18.0			0.60	1.7		8.3	8.5	91		1.50	52		23.82	12.07	17.92
22.0	0954	19.0			0.63	1.7		8.3	8.4	91		1.88	64		23.83	12.07	17.92
22.0	0954	20.0			0.63	1.7		8.3	8.5	91		2.20	75		23.84	12.05	17.93
21.0	1010	1.0			0.59	1.7		8.8	8.9	88		0.25	11	1.8	12.01	11.42	8.88
21.0	1010	2.0	0.9	0.80	0.59	1.7	8.9	8.8	8.8	88	3.2	0.24	11		13.13	11.42	9.75
21.0	1010	3.0			0.58	1.7		8.8	8.8	89		0.23	11		13.90	11.44	10.34
21.0	1010	4.0			0.57	1.7		8.8	8.8	89		0.22	10		14.28	11.46	10.64
21.0	1010	5.0			0.57	1.6		8.8	8.8	89		0.22	10		14.50	11.48	10.80
21.0	1010	6.0			0.56	1.6		8.8	8.8	89		0.21	10		15.00	11.51	11.18
21.0	1010	7.0			0.55	1.6		8.7	8.8	90		0.19	9		15.80	11.56	11.79
21.0	1010	8.0			0.54	1.6		8.7	8.8	90		0.17	8		16.72	11.61	12.49
21.0	1010	9.0			0.53	1.6		8.7	8.8	90		0.16	8		17.60	11.68	13.17
21.0	1010	10.0			0.52	1.6		8.6	8.7	91		0.15	8		18.46	11.75	13.82
21.0	1010	11.0			0.50	1.6		8.6	8.7	91		0.15	8		19.41	11.80	14.55
21.0	1010	12.0			0.49	1.6		8.6	8.7	91		0.16	8		20.42	11.86	15.32
21.0	1010	13.0			0.51	1.6		8.5	8.6	92		0.35	14		21.76	11.93	16.34
21.0	1010	14.0			0.52	1.6		8.5	8.6	92		0.78	28		22.63	11.99	17.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	1010	15.0			0.53	1.6	8.4	8.4	8.6	92		0.92	33		23.00	12.02	17.29
21.0	1010	16.0			0.55	1.6	8.4	8.4	8.5	92		1.07	38		23.32	12.04	17.53
21.0	1010	17.0			0.57	1.7	8.4	8.4	8.5	92		1.41	49		23.53	12.05	17.69
21.0	1010	18.0			0.58	1.7	8.4	8.4	8.5	92		1.45	50		23.53	12.05	17.69
21.0	1010	19.0	1.6	0.36	0.59	1.7	8.4	8.4	8.5	92		1.48	51		23.49	12.05	17.67
20.0	1034	2.0			0.54	1.6	8.7	8.7	8.8	89		0.15	8	1.4	14.71	11.63	10.94
20.0	1034	3.0			0.54	1.6	8.7	8.7	8.8	89		0.13	7		15.31	11.61	11.41
20.0	1034	4.0			0.53	1.6	8.7	8.7	8.8	90		0.14	7		15.84	11.60	11.82
20.0	1034	5.0			0.52	1.6	8.7	8.7	8.7	90		0.13	7		17.14	11.69	12.81
20.0	1034	6.0			0.51	1.6	8.6	8.6	8.7	90		0.13	7		18.35	11.76	13.74
20.0	1034	7.0			0.50	1.6	8.6	8.6	8.7	90		0.13	7		18.74	11.78	14.03
20.0	1034	8.0			0.48	1.6	8.6	8.6	8.7	91		0.12	7		20.02	11.85	15.01
20.0	1034	9.0			0.47	1.5	8.5	8.5	8.6	92		0.13	7		21.71	11.94	16.30
20.0	1034	10.0			0.46	1.5	8.4	8.4	8.5	92		0.16	8		23.82	12.06	17.92
20.0	1034	11.0			0.46	1.5	8.4	8.4	8.5	92		0.25	11		24.42	12.10	18.37
20.0	1034	12.0			0.47	1.5	8.3	8.3	8.4	92		0.30	13		25.14	12.15	18.92
20.0	1034	13.0			0.47	1.5	8.3	8.3	8.4	92		0.34	14		25.33	12.16	19.07
20.0	1034	14.0			0.47	1.6	8.3	8.3	8.5	93		0.43	17		25.51	12.17	19.20
20.0	1034	15.0			0.49	1.6	8.3	8.3	8.4	93		0.46	18		26.07	12.21	19.63
20.0	1034	16.0			0.50	1.6	8.2	8.2	8.4	93		0.54	21		26.88	12.27	20.25
20.0	1034	17.0			0.50	1.6	8.2	8.2	8.4	93		0.87	31		26.79	12.26	20.18
20.0	1034	18.0			0.50	1.6	8.2	8.2	8.4	93		0.89	32		27.06	12.28	20.38
20.0	1034	19.0			0.50	1.6	8.2	8.2	8.4	93		0.88	31		27.28	12.30	20.55
20.0	1034	20.0			0.48	1.6	8.2	8.2	8.4	93		0.83	30		27.46	12.31	20.69
20.0	1034	21.0			0.46	1.5	8.2	8.2	8.4	93		0.63	23		28.16	12.36	21.22
20.0	1034	22.0			0.45	1.5	8.2	8.2	8.3	93		0.55	21		28.40	12.38	21.40
20.0	1034	23.0			0.44	1.5	8.2	8.2	8.3	93		0.54	20		28.49	12.39	21.47
20.0	1034	24.0			0.44	1.5	8.1	8.1	8.3	93		0.55	21		28.55	12.39	21.52
20.0	1034	25.0			0.44	1.5	8.1	8.1	8.3	93		0.59	22		28.55	12.39	21.52

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	7	0.207	1.064	1.045	0.742
OBS Calibration:	6	0.910	32.598	2.865	4.875
Dissolved Oxygen Calibration:	6	0.835	0.807	1.746	0.107

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	STGT
657.0	1739	1.0	1.0		0.94	1.2				219.7	8.49	253		0.06	10.24	0.00
657.0	1739	2.0	1.0	0.74	0.94	1.2					8.59	256		0.06	10.24	0.00
657.0	1739	3.0			0.93	1.2					8.45	252		0.06	10.24	0.00
657.0	1739	4.0			0.94	1.2					8.68	259		0.06	10.25	0.00
657.0	1739	5.0			0.93	1.2					8.44	252		0.06	10.25	0.00
657.0	1739	6.0			0.93	1.2					8.38	250		0.06	10.24	0.00
657.0	1739	7.0			0.93	1.2					8.22	245		0.06	10.24	0.00
657.0	1739	8.0			0.94	1.2					8.38	250		0.06	10.24	0.00
657.0	1739	9.0			0.94	1.2					7.91	237		0.06	10.24	0.00
657.0	1739	10.0			0.94	1.2					7.54	226		0.06	10.24	0.00
657.0	1739	11.0	1.0	0.60	0.94	1.2					7.13	214		0.06	10.24	0.00
649.0	1638	1.0			0.84	1.1				135.6	4.07	127		0.06	10.32	0.00
649.0	1638	2.0	1.2		0.84	1.1	8.9				3.75	117		0.06	10.28	0.00
649.0	1638	3.0			0.85	1.1					4.13	128		0.06	10.27	0.00
649.0	1638	4.0			0.88	1.2					4.69	145		0.06	10.25	0.00
649.0	1638	5.0			0.91	1.2					5.01	154		0.06	10.25	0.00
649.0	1638	6.0			0.93	1.2					5.52	168		0.06	10.26	0.00
649.0	1638	7.0			0.93	1.2					5.80	176		0.06	10.26	0.00
649.0	1638	8.0			0.93	1.2					5.95	180		0.06	10.25	0.00
649.0	1638	9.0			0.94	1.2					5.91	179		0.06	10.25	0.00
649.0	1638	10.0			0.94	1.2					5.83	177		0.06	10.25	0.00
649.0	1638	11.0	1.2	0.73	0.93	1.2					5.72	174		0.06	10.25	0.00
2.0	1618	1.0			0.87	1.1					3.91	122	13.6	0.07	10.66	0.00
2.0	1618	2.0			0.87	1.1					3.58	113		0.07	10.60	0.00
2.0	1618	3.0			0.88	1.2					3.72	117		0.07	10.59	0.00
2.0	1618	4.0			0.88	1.2					3.77	118		0.07	10.57	0.00
2.0	1618	5.0			0.89	1.2					3.80	119		0.07	10.57	0.00
2.0	1618	6.0			0.89	1.2					3.83	120		0.07	10.57	0.00
2.0	1618	7.0			0.89	1.2					3.84	120		0.07	10.55	0.00
2.0	1618	8.0			0.90	1.2					3.99	124		0.07	10.50	0.00
2.0	1618	9.0			0.92	1.2					4.20	130		0.07	10.43	0.00
2.0	1618	10.0			0.94	1.2					4.65	143		0.06	10.35	0.00
2.0	1618	11.0			0.94	1.2					5.34	163		0.07	10.40	0.00
3.0	1603	1.0			0.88	1.2					3.56	112	12.7	0.08	10.79	0.00
3.0	1603	2.0	1.5	0.99	0.88	1.2	9.0			116.6	3.91	122		0.07	10.59	0.00
3.0	1603	3.0			0.89	1.2					4.16	129		0.07	10.55	0.00
3.0	1603	4.0			0.89	1.2					4.41	136		0.07	10.51	0.00
3.0	1603	5.0			0.88	1.2					4.58	141		0.07	10.50	0.00
3.0	1603	6.0			0.90	1.2					4.73	146		0.07	10.48	0.00
3.0	1603	7.0			0.91	1.2					4.84	149		0.07	10.47	0.00

North San Francisco Bay

18 January 1995

95018

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1603	8.0			0.91	1.2					5.07	155		0.07	10.45	0.00
3.0	1603	9.0			0.91	1.2					5.24	160		0.07	10.44	0.00
3.0	1603	10.0			0.92	1.2					5.49	167		0.07	10.43	0.00
3.0	1603	11.0	1.3	0.39	0.93	1.2					5.48	167		0.07	10.42	0.00
4.0	1536	1.0			0.88	1.2					3.60	113	13.2	0.08	10.86	0.00
4.0	1536	2.0			0.88	1.2					3.50	110		0.08	10.76	0.00
4.0	1536	3.0			0.88	1.2					3.78	118		0.08	10.60	0.00
4.0	1536	4.0			0.88	1.2					3.86	121		0.07	10.58	0.00
4.0	1536	5.0			0.89	1.2					4.00	125		0.07	10.54	0.00
4.0	1536	6.0			0.89	1.2					4.13	128		0.07	10.53	0.00
4.0	1536	7.0			0.89	1.2					4.24	131		0.07	10.49	0.00
4.0	1536	8.0			0.89	1.2					4.38	135		0.07	10.47	0.00
4.0	1536	9.0			0.89	1.2					4.42	137		0.07	10.45	0.00
4.0	1536	10.0			0.89	1.2					4.64	143		0.06	10.43	0.00
4.0	1536	11.0			0.90	1.2					4.80	148		0.06	10.42	0.00
4.0	1536	12.0			0.90	1.2					4.98	153		0.06	10.41	0.00
4.0	1536	13.0			0.90	1.2					4.86	149		0.06	10.41	0.00
4.0	1536	14.0			0.90	1.2					4.95	152		0.06	10.41	0.00
4.0	1536	15.0			0.90	1.2					4.96	152		0.06	10.40	0.00
4.0	1536	16.0			0.90	1.2					5.05	155		0.06	10.40	0.00
4.0	1536	17.0			0.90	1.2					5.12	157		0.06	10.40	0.00
5.0	1518	1.0			0.87	1.1					4.04	126	12.2	0.07	10.56	0.00
5.0	1518	2.0			0.86	1.1					3.71	116		0.07	10.53	0.00
5.0	1518	3.0			0.87	1.1					3.78	118		0.07	10.52	0.00
5.0	1518	4.0			0.88	1.2					3.81	119		0.07	10.51	0.00
5.0	1518	5.0			0.88	1.2					3.78	118		0.07	10.51	0.00
5.0	1518	6.0			0.88	1.2					3.82	119		0.07	10.49	0.00
5.0	1518	7.0			0.88	1.2					3.86	121		0.07	10.48	0.00
5.0	1518	8.0			0.88	1.2					3.90	122		0.07	10.48	0.00
5.0	1518	9.0			0.88	1.2					3.94	123		0.07	10.48	0.00
5.0	1518	10.0			0.88	1.2					3.89	122		0.07	10.48	0.00
5.0	1518	11.0			0.88	1.2					3.95	123		0.07	10.47	0.00
6.0	1454	1.0			0.89	1.2					3.42	108		0.08	10.78	0.00
6.0	1454	2.0			0.89	1.2	9.1			106.4	3.35	106		0.08	10.78	0.00
6.0	1454	3.0	1.2	0.93	0.89	1.2					3.39	107		0.08	10.77	0.00
6.0	1454	4.0			0.89	1.2					3.36	106		0.08	10.77	0.00
6.0	1454	5.0			0.89	1.2					3.36	106		0.08	10.77	0.00
6.0	1454	6.0			0.90	1.2					3.39	107		0.08	10.77	0.00
6.0	1454	7.0			0.91	1.2					3.43	108		0.08	10.77	0.00
6.0	1454	8.0			0.90	1.2					3.43	108		0.08	10.77	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
6.0	1454	9.0			0.89	1.2					3.43	108		0.08	10.77	0.00
6.0	1454	10.0			0.90	1.2					3.44	109		0.08	10.77	0.00
6.0	1454	11.0			0.91	1.2					3.44	109		0.08	10.77	0.00
6.0	1454	12.0	1.4	0.77	0.91	1.2					3.55	112		0.08	10.77	0.00
7.0	1433	1.0			0.94	1.2					4.55	140	19.3	0.10	10.72	0.00
7.0	1433	2.0			0.94	1.2					4.23	131		0.10	10.71	0.00
7.0	1433	3.0			0.94	1.2					4.24	131		0.10	10.70	0.00
7.0	1433	4.0			0.94	1.2					4.28	133		0.10	10.69	0.00
7.0	1433	5.0			0.95	1.2					4.30	133		0.10	10.69	0.00
7.0	1433	6.0			0.95	1.2					4.37	135		0.10	10.69	0.00
7.0	1433	7.0			0.94	1.2					4.38	136		0.10	10.69	0.00
7.0	1433	8.0			0.94	1.2					4.43	137		0.10	10.68	0.00
7.0	1433	9.0			0.94	1.2					4.52	140		0.10	10.67	0.00
7.0	1433	10.0			0.94	1.2					4.53	140		0.10	10.68	0.00
7.0	1433	11.0			0.94	1.2					4.56	141		0.10	10.67	0.00
7.0	1433	12.0			0.94	1.2					4.55	141		0.10	10.68	0.00
7.0	1433	13.0			0.95	1.2					4.64	143		0.10	10.67	0.00
7.0	1433	14.0			0.95	1.2					4.77	147		0.10	10.67	0.00
8.0	1412	1.0			0.97	1.2					5.02	154	14.1	0.12	10.72	0.00
8.0	1412	2.0			0.97	1.2					4.72	145		0.12	10.72	0.00
8.0	1412	3.0			0.96	1.2					4.73	145		0.12	10.72	0.00
8.0	1412	4.0			0.97	1.2					4.77	147		0.12	10.72	0.00
8.0	1412	5.0			0.98	1.2					4.86	149		0.12	10.72	0.00
8.0	1412	6.0			0.98	1.2					4.94	152		0.12	10.72	0.00
8.0	1412	7.0			0.98	1.2					4.94	152		0.12	10.72	0.00
8.0	1412	8.0			0.98	1.2					5.02	154		0.12	10.72	0.00
8.0	1412	9.0			0.98	1.2					5.03	154		0.12	10.72	0.00
8.0	1412	10.0			0.97	1.2					5.04	155		0.12	10.72	0.00
8.0	1412	11.0			0.97	1.2					5.07	155		0.12	10.71	0.00
8.0	1412	12.0			0.98	1.2					5.16	158		0.12	10.71	0.00
8.0	1412	13.0			0.98	1.2					5.14	157		0.12	10.71	0.00
8.0	1412	14.0			0.98	1.2					5.29	161		0.12	10.71	0.00
8.0	1412	15.0			0.98	1.2					5.30	162		0.12	10.71	0.00
9.0	1355	1.0			0.93	1.2					4.62	142	12.9	0.15	10.89	0.00
9.0	1355	2.0	0.9	0.55	0.93	1.2	9.2			206.0	4.28	133		0.14	10.91	0.00
9.0	1355	3.0			0.93	1.2					4.23	131		0.14	10.91	0.00
9.0	1355	4.0			0.93	1.2					4.13	128		0.14	10.90	0.00
9.0	1355	5.0			0.94	1.2					4.24	131		0.15	10.84	0.00
9.0	1355	6.0			0.96	1.2					4.25	132		0.16	10.84	0.00
9.0	1355	7.0			0.96	1.2					4.36	135		0.16	10.83	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1355	8.0			0.95	1.2						4.37	135		0.16	10.83	0.00
9.0	1355	9.0			0.96	1.2						4.48	139		0.16	10.83	0.00
9.0	1355	10.0			0.96	1.2						4.46	138		0.18	10.82	0.00
9.0	1355	11.0			0.96	1.2						4.41	136		0.26	10.82	0.00
9.0	1355	12.0			0.95	1.2						4.40	136		0.37	10.84	0.00
9.0	1355	13.0			0.95	1.2						4.31	134		0.54	10.85	0.04
9.0	1355	14.0			0.94	1.2						4.17	130		0.61	10.86	0.10
9.0	1355	15.0			0.94	1.2						4.19	130		0.65	10.86	0.13
9.0	1355	16.0			0.94	1.2						4.14	129		0.66	10.86	0.14
9.0	1355	17.0			0.93	1.2						4.10	128		0.72	10.89	0.19
9.0	1355	18.0			0.92	1.2						3.96	123		0.85	10.91	0.28
9.0	1355	19.0			0.91	1.2		8.3	8.5	77		3.85	120		1.04	10.94	0.43
9.0	1355	20.0			0.91	1.2		8.3	8.5	78		3.74	117		1.35	10.95	0.67
9.0	1355	21.0			0.91	1.2		8.5	8.7	79		3.68	115		1.49	10.96	0.78
9.0	1355	22.0			0.91	1.2		8.6	8.7	80		3.67	115		1.87	10.98	1.07
9.0	1355	23.0			0.92	1.2		8.6	8.7	80		3.72	117		2.30	11.00	1.40
9.0	1355	24.0			0.93	1.2		8.6	8.7	81		4.10	128		2.54	11.02	1.59
9.0	1355	25.0			0.94	1.2		8.6	8.7	81		4.50	139		2.66	11.03	1.69
9.0	1355	26.0			0.98	1.2		8.6	8.7	81		5.04	154		3.01	11.05	1.95
9.0	1355	27.0			1.00	1.2		8.6	8.7	81		6.05	183		3.21	11.06	2.11
9.0	1355	28.0	1.2	0.53	0.99	1.2		8.6	8.7	81		6.12	185		3.19	11.06	2.09
10.0	1344	1.0			0.93	1.2						4.17	129	11.1	0.40	10.96	0.00
10.0	1344	2.0			0.93	1.2						4.04	126		0.40	10.95	0.00
10.0	1344	3.0			0.93	1.2						4.11	128		0.41	10.95	0.00
10.0	1344	4.0			0.94	1.2						4.07	127		0.42	10.95	0.00
10.0	1344	5.0			0.94	1.2						4.05	126		0.47	10.95	0.00
10.0	1344	6.0			0.93	1.2						4.08	127		0.49	10.95	0.00
10.0	1344	7.0			0.93	1.2						4.07	127		0.50	10.95	0.00
10.0	1344	8.0			0.93	1.2						4.10	128		0.54	10.95	0.04
10.0	1344	9.0			0.93	1.2						4.10	128		0.61	10.97	0.09
10.0	1344	10.0			0.92	1.2						4.03	126		0.93	10.99	0.34
10.0	1344	11.0			0.91	1.2			8.7	80		3.76	118		1.45	11.01	0.74
10.0	1344	12.0			0.90	1.2			8.7	81		3.60	113		1.64	11.01	0.89
10.0	1344	13.0			0.89	1.2			8.7	81		3.39	107		2.27	11.03	1.37
10.0	1344	14.0			0.88	1.2			8.7	81		3.36	106		2.71	11.06	1.72
10.0	1344	15.0			0.88	1.2			8.7	82		3.34	104		2.93	11.07	1.89
10.0	1344	16.0			0.88	1.2			8.7	82		3.27	104		3.83	11.13	2.58
10.0	1344	17.0			0.89	1.2			8.6	82		3.48	110		4.28	11.16	2.93
10.0	1344	18.0			0.90	1.2			8.7	82		3.63	114		4.49	11.18	3.09
10.0	1344	19.0			0.91	1.2			8.6	82		3.76	118		4.88	11.20	3.39
10.0	1344	20.0			0.92	1.2			8.6	82		4.00	125		4.99	11.21	3.47
10.0	1344	21.0			0.93	1.2			8.6	82		4.28	133		4.99	11.20	3.47

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
11.0	1323	1.0			0.93	1.2						3.85	120	11.7	0.45	11.04	0.00
11.0	1323	2.0			0.93	1.2						3.89	121		0.45	11.00	0.00
11.0	1323	3.0			0.92	1.2						3.90	122		0.50	11.02	0.00
11.0	1323	4.0			0.90	1.2						3.94	123		0.63	11.05	0.09
11.0	1323	5.0			0.87	1.1		8.2	8.5	78		3.85	120		1.13	11.09	0.48
11.0	1323	6.0			0.85	1.1		8.3	8.5	78		3.59	107		1.33	11.10	0.64
11.0	1323	7.0			0.85	1.1		8.6	8.7	80		2.90	93		1.51	11.09	0.78
11.0	1323	8.0			0.83	1.1		8.8	8.8	81		2.70	87		1.96	11.08	1.13
11.0	1323	9.0			0.79	1.1		8.6	8.7	82		2.30	76		3.80	11.17	2.55
11.0	1323	10.0			0.75	1.1		8.6	8.7	82		1.30	48		4.69	11.24	3.23
11.0	1323	11.0			0.73	1.1		8.6	8.7	82		0.98	38		5.34	11.28	3.73
11.0	1323	12.0			0.75	1.1		8.5	8.6	83		1.41	50		6.60	11.38	4.70
11.0	1323	13.0			0.82	1.1		8.5	8.6	83		2.84	92		7.45	11.43	5.35
11.0	1323	14.0			0.94	1.2		8.4	8.5	84		5.03	154		8.98	11.50	6.53
11.0	1323	15.0			1.04	1.2		8.3	8.6	84		10.02	297		10.76	11.58	7.89
11.0	1323	16.0			1.03	1.2		8.2	8.5	84		10.06	298		11.02	11.56	8.10
13.0	1239	1.0			0.75	1.1		9.0	9.0	83		1.82	62	7.0	2.73	11.31	1.71
13.0	1239	2.0	0.7	0.89	0.75	1.1	9.1	9.0	9.0	84	37.2	1.68	58		3.63	11.23	2.42
13.0	1239	3.0			0.72	1.1		9.0	9.0	85		1.31	48		5.20	11.25	3.63
13.0	1239	4.0			0.70	1.1		9.0	9.0	86		1.00	39		6.64	11.34	4.73
13.0	1239	5.0			0.65	1.0		9.0	9.0	88		0.68	30		10.10	11.50	7.39
13.0	1239	6.0			0.60	1.0		8.6	8.7	89		0.47	24		16.06	11.78	11.96
13.0	1239	7.0			0.58	1.0		8.6	8.7	90		0.42	22		17.38	11.83	12.98
13.0	1239	8.0			0.57	1.0		8.5	8.6	90		0.92	37		19.31	11.91	14.45
13.0	1239	9.0			0.58	1.0		8.4	8.6	90		1.09	41		19.55	11.92	14.64
13.0	1239	10.0			0.58	1.0		8.4	8.6	90		1.16	43		19.64	11.93	14.71
13.0	1239	11.0	1.2	0.57	0.58	1.0		8.4	8.6	90		1.16	43		19.64	11.91	14.71
14.0	1221	1.0			0.71	1.1		9.0	9.0	84		1.19	44	4.4	3.00	11.18	1.93
14.0	1221	2.0			0.70	1.1		9.1	9.0	85		1.16	43		4.01	11.18	2.72
14.0	1221	3.0			0.68	1.0		9.0	9.0	85		1.06	40		5.92	11.27	4.18
14.0	1221	4.0			0.64	1.0		8.9	8.9	87		0.81	33		9.70	11.35	7.11
14.0	1221	5.0			0.61	1.0		8.8	8.9	88		0.73	31		12.48	11.42	9.25
14.0	1221	6.0			0.59	1.0		8.8	8.8	89		0.56	26		14.94	11.58	11.12
14.0	1221	7.0			0.58	1.0		8.6	8.7	90		0.60	27		17.44	11.77	13.03
14.0	1221	8.0			0.57	1.0		8.5	8.7	90		0.79	33		18.82	11.84	14.09
14.0	1221	9.0			0.57	1.0		8.5	8.6	91		0.86	35		19.60	11.89	14.68
14.0	1221	10.0			0.58	1.0		8.4	8.6	91		1.17	44		20.92	11.97	15.69
14.0	1221	11.0			0.59	1.0		8.4	8.6	91		1.53	54		21.22	11.99	15.92
14.0	1221	12.0			0.60	1.0		8.4	8.6	91		1.79	61		21.43	12.00	16.08
14.0	1221	13.0			0.61	1.0		8.4	8.6	91		1.96	66		21.81	12.02	16.36
14.0	1221	14.0			0.64	1.0		8.3	8.5	91		1.97	67		22.42	12.04	16.83

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
14.0	1221	15.0			0.65	1.0		8.3	8.5	91		2.82	91		22.59	12.05	16.97
15.0	1203	1.0			0.67	1.0		9.1	9.1	85		0.56	26	3.1	5.17	11.16	3.62
15.0	1203	2.0	0.5	0.85	0.67	1.0	9.1	9.2	9.1	87	7.7	0.60	27		6.13	11.19	4.36
15.0	1203	3.0			0.64	1.0		9.2	9.1	88		0.57	27		8.61	11.36	6.26
15.0	1203	4.0			0.62	1.0		9.0	9.0	89		0.51	25		11.98	11.52	8.84
15.0	1203	5.0			0.60	1.0		9.0	9.0	89		0.47	24		12.61	11.56	9.32
15.0	1203	6.0			0.59	1.0		8.9	8.9	89		0.45	23		13.37	11.63	9.90
15.0	1203	7.0			0.59	1.0		8.9	8.9	90		0.44	23		13.73	11.63	10.18
15.0	1203	8.0			0.60	1.0		8.9	8.9	90		0.40	22		14.73	11.65	10.95
15.0	1203	9.0			0.63	1.0		8.8	8.8	91		0.46	23		17.18	11.77	12.83
15.0	1203	10.0			0.67	1.0		8.7	8.8	92		0.92	36		18.99	11.85	14.21
15.0	1203	11.0			0.73	1.1		8.6	8.7	92		1.57	55		20.32	11.93	15.23
15.0	1203	12.0			0.77	1.1		8.6	8.7	92		2.48	81		20.71	11.95	15.53
15.0	1203	13.0			0.78	1.1		8.5	8.7	92		3.29	104		20.90	11.97	15.67
15.0	1203	14.0			0.78	1.1		8.5	8.7	92		3.60	113		20.98	11.98	15.74
15.0	1203	15.0			0.77	1.1		8.5	8.7	92		3.71	116		21.07	11.98	15.80
15.0	1203	16.0			0.75	1.1		8.5	8.7	92		3.78	118		21.14	11.99	15.85
15.0	1203	17.0			0.74	1.1		8.5	8.6	92		3.75	117		21.18	11.99	15.89
15.0	1203	18.0			0.73	1.1		8.5	8.6	92		3.54	111		21.17	11.99	15.88
15.0	1203	19.0			0.72	1.1		8.5	8.6	92		3.40	108		21.27	11.99	15.95
15.0	1203	20.0			0.71	1.1		8.5	8.6	92		3.23	103		21.31	11.99	15.99
15.0	1203	21.0			0.71	1.1		8.5	8.6	92		3.09	99		21.37	12.00	16.03
15.0	1203	22.0			0.72	1.1		8.5	8.6	92		3.08	98		21.46	12.00	16.10
15.0	1203	23.0			0.74	1.1		8.5	8.6	92		3.19	101		21.64	12.01	16.23
15.0	1203	24.0	1.4	0.23	0.74	1.1		8.4	8.6	92		3.42	108		21.87	12.02	16.42
16.0	1137	1.0			0.67	1.0		9.0	9.0	85		0.51	25	2.8	4.62	11.23	3.18
16.0	1137	2.0			0.67	1.0		9.1	9.1	86		0.49	24		5.06	11.18	3.53
16.0	1137	3.0			0.65	1.0		9.2	9.1	87		0.46	23		7.09	11.26	5.10
16.0	1137	4.0			0.58	1.0		9.1	9.1	90		0.39	21		12.23	11.52	9.04
16.0	1137	5.0			0.51	0.9		8.8	8.8	92		0.28	18		18.44	11.90	13.78
16.0	1137	6.0			0.48	0.9		8.6	8.7	93		0.24	17		22.33	12.12	16.75
16.0	1137	7.0			0.48	0.9		8.4	8.6	94		0.47	24		25.25	12.18	19.00
16.0	1137	8.0			0.51	0.9		8.3	8.5	94		0.79	33		25.67	12.19	19.32
16.0	1137	9.0			0.54	1.0		8.3	8.5	93		1.33	48		25.83	12.20	19.45
16.0	1137	10.0			0.56	1.0		8.3	8.5	93		1.53	54		25.88	12.21	19.49
16.0	1137	11.0			0.58	1.0		8.3	8.5	93		1.57	55		25.90	12.21	19.50
16.0	1137	12.0			0.58	1.0		8.3	8.5	93		1.67	58		25.91	12.21	19.50
16.0	1137	13.0			0.59	1.0		8.3	8.5	93		1.75	60		25.91	12.21	19.51
16.0	1137	14.0			0.59	1.0		8.3	8.5	93		1.74	60		25.91	12.21	19.50

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
17.0	1119	1.0			0.54	1.0		8.8	8.8	90		0.18	15	1.5	15.57	11.73	11.59
17.0	1119	2.0			0.54	1.0		8.9	8.9	91		0.17	15		15.80	11.74	11.77
17.0	1119	3.0			0.53	1.0		9.0	9.0	92		0.17	15		15.91	11.74	11.85
17.0	1119	4.0			0.52	1.0		9.0	9.0	93		0.17	15		17.41	11.82	13.00
17.0	1119	5.0			0.50	0.9		9.1	9.1	95		0.14	14		18.92	11.89	14.15
17.0	1119	6.0			0.45	0.9		8.8	8.8	96		0.12	14		25.05	12.15	18.85
17.0	1119	7.0			0.42	0.9		8.7	8.7	96		0.10	13		26.43	12.23	19.90
17.0	1119	8.0			0.41	0.9		8.7	8.7	96		0.15	15		26.52	12.23	19.97
17.0	1119	9.0			0.41	0.9		8.6	8.7	96		0.19	16		26.58	12.23	20.02
17.0	1119	10.0			0.42	0.9		8.6	8.7	96		0.24	17		26.65	12.24	20.08
17.0	1119	11.0			0.42	0.9		8.6	8.7	96		0.25	17		26.71	12.24	20.12
17.0	1119	12.0			0.43	0.9		8.6	8.7	97		0.28	18		26.79	12.25	20.18
17.0	1119	13.0			0.43	0.9		8.7	8.7	97		0.35	20		27.19	12.27	20.48
17.0	1119	14.0			0.43	0.9		8.5	8.6	97		0.53	25		28.48	12.38	21.46
18.0	1052	1.0			0.47	0.9		8.8	8.9	91		0.10	13	1.3	17.12	11.82	12.77
18.0	1052	2.0	0.9	0.97	0.46	0.9	8.6	8.6	8.7	92	5.2	0.15	14		21.71	11.98	16.30
18.0	1052	3.0			0.46	0.9		8.5	8.7	93		0.17	15		22.54	12.01	16.93
18.0	1052	4.0			0.46	0.9		8.5	8.6	93		0.17	15		22.55	12.01	16.94
18.0	1052	5.0			0.46	0.9		8.5	8.6	93		0.17	15		22.65	12.01	17.02
18.0	1052	6.0			0.46	0.9		8.5	8.6	93		0.17	15		22.66	12.02	17.03
18.0	1052	7.0			0.46	0.9		8.5	8.6	93		0.17	15		22.67	12.02	17.03
18.0	1052	8.0			0.45	0.9		8.5	8.6	93		0.17	15		22.80	12.02	17.13
18.0	1052	9.0			0.45	0.9		8.5	8.7	93		0.17	15		22.95	12.03	17.25
18.0	1052	10.0			0.45	0.9		8.5	8.7	93		0.19	16		23.48	12.07	17.65
18.0	1052	11.0			0.44	0.9		8.5	8.6	94		0.26	18		24.84	12.16	18.69
18.0	1052	12.0			0.44	0.9		8.4	8.6	94		0.30	19		25.63	12.21	19.29
18.0	1052	13.0			0.44	0.9		8.4	8.6	94		0.33	20		26.23	12.24	19.74
18.0	1052	14.0			0.44	0.9		8.3	8.5	94		0.35	20		26.81	12.28	20.18
18.0	1052	15.0			0.44	0.9		8.3	8.5	95		0.40	22		27.38	12.32	20.62
18.0	1052	16.0			0.44	0.9		8.3	8.5	95		0.43	23		27.87	12.35	20.99
18.0	1052	17.0			0.44	0.9		8.3	8.5	95		0.46	23		28.03	12.36	21.12
18.0	1052	18.0			0.45	0.9		8.2	8.5	95		0.49	24		28.16	12.37	21.22
18.0	1052	19.0			0.45	0.9		8.2	8.5	95		0.51	25		28.34	12.38	21.35
18.0	1052	20.0			0.45	0.9		8.2	8.5	95		0.53	25		28.46	12.39	21.45
18.0	1052	21.0			0.45	0.9		8.2	8.4	95		0.55	26		28.63	12.40	21.58
18.0	1052	22.0			0.46	0.9		8.2	8.4	95		0.57	26		28.69	12.41	21.63
18.0	1052	23.0			0.46	0.9		8.2	8.4	95		0.57	26		28.73	12.41	21.65
18.0	1052	24.0			0.45	0.9		8.2	8.4	95		0.58	27		28.81	12.41	21.72
18.0	1052	25.0			0.45	0.9		8.2	8.4	95		0.59	27		28.87	12.42	21.76
18.0	1052	26.0			0.45	0.9		8.2	8.4	95		0.59	27		28.89	12.42	21.77
18.0	1052	27.0			0.45	0.9		8.2	8.4	95		0.60	27		28.96	12.43	21.83
18.0	1052	28.0			0.45	0.9		8.2	8.4	95		0.63	28		29.05	12.43	21.89

North San Francisco Bay

18 January 1995

95018

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1052	29.0			0.45	0.9		8.2	8.4	95		0.63	28		29.07	12.43	21.91
18.0	1052	30.0			0.44	0.9		8.2	8.4	95		0.61	28		29.04	12.43	21.89
18.0	1052	31.0			0.44	0.9		8.2	8.4	95		0.63	28		29.06	12.43	21.90
18.0	1052	32.0			0.44	0.9		8.2	8.4	95		0.65	29		29.13	12.44	21.96
18.0	1052	33.0			0.44	0.9		8.2	8.4	95		0.64	28		29.11	12.44	21.94
18.0	1052	34.0			0.44	0.9		8.2	8.4	95		0.65	29		29.14	12.44	21.96
18.0	1052	35.0			0.45	0.9		8.2	8.4	95		0.64	28		29.12	12.44	21.95
18.0	1052	36.0			0.45	0.9		8.2	8.4	95		0.66	29		29.15	12.44	21.97
18.0	1052	37.0			0.45	0.9		8.2	8.4	95		0.67	29		29.17	12.44	21.98
18.0	1052	38.0			0.44	0.9		8.2	8.4	95		0.67	29		29.19	12.44	22.00
18.0	1052	39.0			0.45	0.9		8.2	8.4	95		0.67	29		29.20	12.44	22.01
18.0	1052	40.0			0.46	0.9		8.2	8.4	95		0.68	29		29.21	12.44	22.01
18.0	1052	41.0			0.46	0.9		8.2	8.4	95		0.68	30		29.23	12.45	22.03
18.0	1052	42.0			0.45	0.9		8.2	8.4	95		0.69	30		29.24	12.45	22.04
18.0	1052	43.0			0.45	0.9		8.2	8.4	95		0.69	30		29.25	12.45	22.05
18.0	1052	44.0			0.46	0.9		8.2	8.4	95		0.71	30		29.27	12.45	22.06
18.0	1052	45.0	1.0	0.34	0.47	0.9		8.2	8.4	95		0.81	33		29.27	12.45	22.06

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	16	0.133	0.555	0.665	0.255
OBS Calibration:	8	0.836	28.618	10.180	36.417
Dissolved Oxygen Calibration:	3	0.841	0.674	2.909	0.142

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0958	1.0	2.6	0.58	0.85	2.7	7.8	8.6	8.3	83		1.24		4.7	15.20	10.97	11.41
36.0	0958	2.0			0.84	2.7		8.6	8.3	83		1.22			15.38	10.96	11.55
36.0	0958	3.0			0.84	2.7		8.6	8.2	82		1.31			15.85	10.93	11.92
36.0	0958	4.0			0.84	2.7		8.5	8.1	82		1.37			16.61	10.90	12.51
36.0	0958	5.0			0.83	2.6		8.5	8.1	82		1.36			17.26	10.88	13.02
36.0	0958	6.0			0.81	2.5		8.5	8.1	82		1.40			17.92	10.87	13.53
36.0	0958	7.0			0.76	2.3		8.5	8.0	81		0.92			18.45	10.88	13.94
36.0	0958	8.0	2.0	0.52	0.76	2.3		8.5	8.0	81		0.72			18.58	10.89	14.05
35.0	1010	1.0			0.72	2.2		8.6	8.3	84		0.60		3.3	17.19	10.89	12.97
35.0	1010	2.0			0.71	2.1		8.6	8.2	83		0.57			17.67	10.89	13.34
35.0	1010	3.0			0.71	2.1		8.6	8.3	84		0.44			17.91	10.90	13.52
35.0	1010	4.0			0.70	2.1		8.6	8.3	84		0.37			18.10	10.91	13.67
35.0	1010	5.0			0.71	2.1		8.6	8.3	84		0.35			18.20	10.91	13.75
35.0	1010	6.0			0.71	2.1		8.6	8.2	83		0.33			18.47	10.90	13.95
34.0	1019	1.0			0.77	2.4		8.6	8.2	83		0.64		3.3	17.47	10.93	13.18
34.0	1019	2.0			0.77	2.4		8.6	8.2	83		0.68			17.49	10.92	13.19
34.0	1019	3.0			0.77	2.4		8.5	8.1	82		0.81			17.74	10.91	13.39
34.0	1019	4.0			0.76	2.4		8.5	8.1	83		0.83			17.83	10.91	13.46
34.0	1019	5.0			0.76	2.3		8.6	8.2	83		0.73			18.00	10.90	13.59
34.0	1019	6.0			0.75	2.3		8.6	8.2	83		0.67			18.10	10.89	13.67
34.0	1019	7.0			0.73	2.2		8.6	8.2	83		0.67			18.13	10.89	13.69
34.0	1019	8.0			0.73	2.2		8.6	8.2	84		0.67			18.29	10.89	13.82
33.0	1033	1.0			0.71	2.1		8.6	8.4	85		0.25		1.9	17.73	11.05	13.36
33.0	1033	2.0			0.71	2.1		8.6	8.4	86		0.29			17.82	10.99	13.44
33.0	1033	3.0			0.70	2.1		8.6	8.4	86		0.30			17.88	10.96	13.49
33.0	1033	4.0			0.69	2.1		8.6	8.4	86		0.33			17.99	10.93	13.58
33.0	1033	5.0			0.69	2.0		8.6	8.4	86		0.34			18.03	10.92	13.61
33.0	1033	6.0			0.69	2.0		8.6	8.4	85		0.34			18.07	10.91	13.64
33.0	1033	7.0			0.69	2.1		8.6	8.4	85		0.46			18.30	10.88	13.82
33.0	1033	8.0			0.70	2.1		8.6	8.4	85		0.47			18.31	10.88	13.83
33.0	1033	9.0			0.70	2.1		8.6	8.4	86		0.54			18.34	10.88	13.86
33.0	1033	10.0			0.70	2.1		8.6	8.4	86		0.53			18.34	10.88	13.85
33.0	1033	11.0			0.70	2.1		8.6	8.4	86		0.56			18.35	10.88	13.86
33.0	1033	12.0			0.71	2.1		8.6	8.4	85		0.59			18.35	10.88	13.86
33.0	1033	13.0			0.71	2.1		8.6	8.4	86		0.64			18.35	10.88	13.87
32.0	1042	1.0			0.68	2.0		8.6	8.3	85		0.22		1.7	17.88	11.08	13.47
32.0	1042	2.0	2.2	0.68	0.68	2.0	8.2	8.6	8.4	86		0.23			18.07	10.96	13.64
32.0	1042	3.0			0.66	1.9		8.6	8.4	86		0.27			18.21	10.92	13.75
32.0	1042	4.0			0.66	1.9		8.6	8.4	86		0.36			18.40	10.89	13.90

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	1042	5.0			0.66	1.9		8.6	8.5	86		0.42			18.44	10.89	13.93
32.0	1042	6.0			0.66	1.9		8.7	8.5	86		0.43			18.48	10.89	13.96
32.0	1042	7.0			0.67	1.9		8.7	8.5	86		0.45			18.49	10.89	13.97
32.0	1042	8.0			0.68	2.0		8.6	8.4	86		0.52			18.55	10.89	14.02
32.0	1042	9.0	2.3	0.59	0.68	2.0		8.7	8.5	86		0.57			18.56	10.90	14.03
31.0	1052	1.0			0.63	1.8		8.2	7.2	73		0.24		1.7	18.86	10.95	14.25
31.0	1052	2.0			0.63	1.8		8.2	7.1	73		0.24			18.85	10.95	14.25
31.0	1052	3.0			0.63	1.8		8.2	7.1	73		0.27			18.87	10.93	14.26
31.0	1052	4.0			0.62	1.7		8.2	7.2	74		0.33			18.92	10.92	14.30
31.0	1052	5.0			0.61	1.7		8.2	7.2	74		0.35			18.94	10.91	14.32
31.0	1052	6.0			0.62	1.7		8.3	7.3	74		0.36			18.94	10.91	14.32
31.0	1052	7.0			0.63	1.8		8.3	7.3	75		0.36			18.94	10.91	14.32
31.0	1052	8.0			0.64	1.8		8.3	7.3	75		0.40			18.96	10.91	14.33
31.0	1052	9.0			0.64	1.8		8.3	7.4	75		0.41			18.96	10.91	14.33
31.0	1052	10.0			0.64	1.8		8.3	7.4	75		0.44			18.96	10.91	14.34
31.0	1052	11.0			0.65	1.9		8.3	7.4	75		0.48			18.97	10.91	14.34
31.0	1052	12.0			0.66	1.9		8.3	7.4	75		0.55			18.98	10.91	14.35
31.0	1052	13.0			0.65	1.9		8.3	7.4	75		0.66			18.98	10.91	14.35
30.0	1108	1.0			0.60	1.7		8.6	8.3	85		0.14		1.5	18.67	11.06	14.09
30.0	1108	2.0		0.74	0.60	1.7	8.6	8.6	8.3	85		0.19			18.93	10.98	14.30
30.0	1108	3.0	1.9		0.60	1.7	8.6	8.6	8.4	86	8.6	0.32			18.99	10.97	14.35
30.0	1108	4.0			0.60	1.7		8.6	8.4	86		0.36			19.00	10.97	14.36
30.0	1108	5.0			0.60	1.7		8.6	8.4	86		0.35			19.00	10.97	14.35
30.0	1108	6.0			0.61	1.7		8.6	8.4	86		0.36			19.00	10.97	14.35
30.0	1108	7.0			0.62	1.7		8.6	8.4	86		0.36			19.00	10.97	14.36
30.0	1108	8.0			0.62	1.8		8.6	8.4	86		0.37			19.01	10.97	14.36
30.0	1108	9.0			0.62	1.8		8.6	8.4	86		0.37			19.01	10.97	14.36
30.0	1108	10.0			0.62	1.8		8.6	8.4	86		0.37			19.01	10.97	14.36
30.0	1108	11.0			0.62	1.8		8.6	8.4	86		0.39			19.01	10.96	14.36
30.0	1108	12.0	1.6	0.50	0.62	1.8		8.6	8.4	86		0.41			19.01	10.97	14.36
29.5	1129	1.0			0.57	1.5		8.7	8.5	88		0.14		1.4	18.63	11.08	14.05
29.5	1129	2.0			0.57	1.5		8.7	8.5	87		0.15			18.66	11.05	14.08
29.5	1129	3.0			0.56	1.5		8.7	8.5	87		0.17			18.70	11.02	14.12
29.5	1129	4.0			0.55	1.5		8.6	8.4	86		0.21			18.77	10.99	14.18
29.5	1129	5.0			0.55	1.5		8.6	8.4	86		0.27			18.81	10.98	14.21
29.5	1129	6.0			0.56	1.5		8.7	8.5	87		0.32			18.85	10.97	14.24
29.5	1129	7.0			0.57	1.5		8.7	8.5	87		0.34			18.85	10.97	14.24
29.5	1129	8.0			0.57	1.5		8.7	8.5	87		0.35			18.85	10.97	14.24
29.5	1129	9.0			0.58	1.6		8.7	8.5	87		0.34			18.85	10.97	14.24
29.5	1129	10.0			0.58	1.6		8.7	8.5	87		0.36			18.86	10.97	14.24

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1129	11.0			0.59	1.6		8.7	8.5	87		0.40			18.87	10.97	14.25
29.5	1129	12.0			0.59	1.6		8.7	8.5	87		0.44			18.87	10.97	14.25
29.5	1129	13.0			0.60	1.6		8.6	8.5	87		0.46			18.87	10.97	14.25
29.5	1129	14.0			0.60	1.7		8.6	8.4	86		0.48			18.87	10.97	14.26
29.5	1129	15.0			0.60	1.7		8.6	8.4	86		0.55			18.88	10.97	14.26
29.0	1139	1.0			0.58	1.6		8.7	8.6	88		0.16		1.4	18.36	11.15	13.84
29.0	1139	2.0			0.57	1.6		8.7	8.6	88		0.17			18.43	11.08	13.90
29.0	1139	3.0			0.56	1.5		8.7	8.7	89		0.19			18.50	11.06	13.95
29.0	1139	4.0			0.55	1.5		8.7	8.6	88		0.24			18.56	11.04	14.01
29.0	1139	5.0			0.55	1.5		8.7	8.6	88		0.24			18.58	11.04	14.02
29.0	1139	6.0			0.55	1.5		8.7	8.6	88		0.27			18.61	11.02	14.04
29.0	1139	7.0			0.55	1.5		8.7	8.6	88		0.28			18.62	11.02	14.05
29.0	1139	8.0			0.56	1.5		8.7	8.6	88		0.33			18.62	11.02	14.05
29.0	1139	9.0			0.57	1.5		8.7	8.6	88		0.39			18.62	11.01	14.06
29.0	1139	10.0			0.58	1.6		8.7	8.6	88		0.45			18.62	11.01	14.06
29.0	1139	11.0			0.58	1.6		8.7	8.6	88		0.45			18.62	11.01	14.06
29.0	1139	12.0			0.58	1.6		8.7	8.6	88		0.48			18.62	11.00	14.06
29.0	1139	13.0			0.58	1.6		8.7	8.5	87		0.51			18.62	11.01	14.06
29.0	1139	14.0			0.58	1.6		8.7	8.5	87		0.54			18.62	11.01	14.06
28.0	1156	1.0			0.59	1.6		8.7	8.6	88		0.16		1.4	18.35	11.13	13.83
28.0	1156	2.0			0.59	1.6		8.7	8.6	88		0.16			18.35	11.13	13.83
28.0	1156	3.0			0.59	1.6		8.7	8.6	88		0.16			18.35	11.13	13.83
28.0	1156	4.0			0.58	1.6		8.7	8.6	88		0.19			18.35	11.12	13.83
28.0	1156	5.0			0.58	1.6		8.7	8.7	89		0.22			18.36	11.11	13.84
28.0	1156	6.0			0.58	1.6		8.7	8.7	89		0.23			18.36	11.11	13.84
28.0	1156	7.0			0.58	1.6		8.7	8.7	89		0.24			18.36	11.11	13.84
28.0	1156	8.0			0.58	1.6		8.7	8.7	89		0.25			18.36	11.11	13.84
28.0	1156	9.0			0.59	1.6		8.7	8.7	89		0.26			18.36	11.11	13.84
28.0	1156	10.0			0.59	1.6		8.7	8.7	89		0.26			18.36	11.11	13.84
28.0	1156	11.0			0.60	1.6		8.7	8.7	89		0.27			18.36	11.11	13.84
28.0	1156	12.0			0.60	1.7		8.7	8.7	89		0.28			18.37	11.10	13.84
28.0	1156	13.0			0.60	1.7		8.7	8.7	89		0.29			18.37	11.10	13.85
28.0	1156	14.0			0.60	1.7		8.7	8.7	89		0.34			18.37	11.10	13.85
27.0	1211	1.0			0.59	1.6		8.6	8.3	85		0.17		1.5	18.14	11.19	13.66
27.0	1211	2.0	1.9	0.69	0.58	1.6	8.6	8.6	8.3	85		0.17			18.15	11.18	13.67
27.0	1211	3.0			0.56	1.5		8.6	8.3	85		0.18			18.20	11.18	13.70
27.0	1211	4.0			0.55	1.4		8.6	8.2	84		0.17			18.26	11.17	13.76
27.0	1211	5.0			0.54	1.4		8.6	8.2	84		0.17			18.27	11.16	13.77
27.0	1211	6.0			0.54	1.4		8.6	8.2	84		0.20			18.30	11.16	13.79
27.0	1211	7.0			0.54	1.4		8.6	8.2	84		0.22			18.31	11.15	13.79

South San Francisco Bay

24 January 1995

95024

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
27.0	1211	8.0			0.55	1.4		8.6	8.2	83		0.25			18.33	11.15	13.81
27.0	1211	9.0			0.56	1.5		8.6	8.2	84		0.29			18.36	11.15	13.83
27.0	1211	10.0			0.56	1.5		8.6	8.2	84		0.31			18.36	11.15	13.83
27.0	1211	11.0			0.53	1.4		8.6	8.2	84		0.32			18.36	11.15	13.83
27.0	1211	12.0			0.53	1.4		8.6	8.2	84		0.38			18.36	11.15	13.84
26.0	1225	1.0			0.55	1.4		8.4	7.6	78		0.09		1.2	18.39	11.20	13.85
26.0	1225	2.0			0.55	1.4		8.4	7.7	79		0.09			18.40	11.19	13.86
26.0	1225	3.0			0.54	1.4		8.4	7.7	79		0.11			18.45	11.19	13.90
26.0	1225	4.0			0.54	1.4		8.4	7.7	79		0.12			18.50	11.18	13.93
26.0	1225	5.0			0.53	1.4		8.4	7.7	79		0.12			18.56	11.18	13.98
26.0	1225	6.0			0.52	1.3		8.4	7.7	79		0.14			18.62	11.17	14.03
26.0	1225	7.0			0.52	1.3		8.4	7.7	79		0.15			18.74	11.17	14.13
26.0	1225	8.0			0.52	1.3		8.4	7.7	79		0.17			18.84	11.16	14.20
26.0	1225	9.0			0.52	1.3		8.4	7.7	79		0.19			18.91	11.17	14.26
25.0	1240	1.0			0.55	1.5		8.7	8.7	89		0.08		1.2	18.51	11.32	13.93
25.0	1240	2.0			0.55	1.5		8.7	8.6	88		0.08			18.52	11.32	13.93
25.0	1240	3.0			0.54	1.4		8.7	8.6	88		0.09			18.58	11.30	13.98
25.0	1240	4.0			0.53	1.4		8.7	8.6	88		0.10			18.61	11.30	14.01
25.0	1240	5.0			0.52	1.3		8.7	8.5	88		0.11			18.66	11.29	14.05
25.0	1240	6.0			0.52	1.3		8.6	8.4	87		0.11			18.69	11.29	14.07
25.0	1240	7.0			0.52	1.3		8.6	8.4	86		0.13			18.81	11.26	14.17
24.0	1255	1.0			0.53	1.4		8.7	8.5	87		0.09		1.2	17.51	11.59	13.11
24.0	1255	2.0	1.3	0.72	0.53	1.4	8.6	8.7	8.5	87		0.08			17.52	11.59	13.12
24.0	1255	3.0			0.52	1.3		8.6	8.4	87		0.09			17.86	11.55	13.39
24.0	1255	4.0			0.52	1.3		8.6	8.3	85		0.09			18.40	11.52	13.81
24.0	1255	5.0			0.52	1.3		8.6	8.2	84		0.10			18.65	11.53	14.00
24.0	1255	6.0			0.52	1.3		8.6	8.2	85		0.12			18.73	11.53	14.06
24.0	1255	7.0			0.52	1.3		8.6	8.2	85		0.13			18.80	11.55	14.11
24.0	1255	8.0			0.52	1.3		8.5	8.1	84		0.13			18.89	11.55	14.19
24.0	1255	9.0	0.9	0.52	0.53	1.4		8.5	8.1	84		0.13			18.96	11.54	14.24
23.0	1310	1.0			0.52	1.3		8.7	8.6	88		0.10		1.3	16.90	11.45	12.66
23.0	1310	2.0			0.51	1.3		8.7	8.6	88		0.13			17.95	11.40	13.48
23.0	1310	3.0			0.51	1.3		8.6	8.5	87		0.16			18.20	11.46	13.66
23.0	1310	4.0			0.50	1.3		8.6	8.4	86		0.16			18.42	11.45	13.83
23.0	1310	5.0			0.50	1.2		8.6	8.4	86		0.15			18.71	11.44	14.06
23.0	1310	6.0			0.50	1.3		8.6	8.4	86		0.16			18.76	11.44	14.10
23.0	1310	7.0			0.51	1.3		8.6	8.3	86		0.16			18.78	11.45	14.11
23.0	1310	8.0			0.51	1.3		8.6	8.3	86		0.16			18.89	11.45	14.20
23.0	1310	9.0			0.51	1.3		8.6	8.3	86		0.17			19.02	11.44	14.30

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
23.0	1310	10.0			0.51	1.3	8.6	8.2	85		0.17			19.11	11.43	14.38
23.0	1310	11.0			0.50	1.2	8.5	8.1	84		0.17			19.25	11.42	14.48
23.0	1310	12.0			0.49	1.2	8.5	8.1	84		0.17			19.39	11.41	14.59
23.0	1310	13.0			0.49	1.2	8.5	8.1	83		0.21			19.42	11.41	14.62
23.0	1310	14.0			0.49	1.2	8.5	8.0	83		0.27			19.42	11.41	14.62
22.0	1330	1.0			0.52	1.3	8.7	8.7	89		0.08		1.2	17.61	11.52	13.20
22.0	1330	2.0			0.51	1.3	8.7	8.5	88		0.08			17.88	11.45	13.42
22.0	1330	3.0			0.49	1.2	8.7	8.5	88		0.10			18.32	11.38	13.77
22.0	1330	4.0			0.47	1.1	8.6	8.4	87		0.11			18.66	11.38	14.03
22.0	1330	5.0			0.47	1.1	8.6	8.4	86		0.11			18.74	11.37	14.10
22.0	1330	6.0			0.47	1.1	8.6	8.4	87		0.12			18.81	11.35	14.15
22.0	1330	7.0			0.47	1.1	8.6	8.4	87		0.13			18.88	11.35	14.21
22.0	1330	8.0			0.48	1.1	8.6	8.3	86		0.14			19.13	11.34	14.40
22.0	1330	9.0			0.48	1.2	8.6	8.3	86		0.17			19.34	11.34	14.56
22.0	1330	10.0			0.48	1.2	8.6	8.3	86		0.18			19.40	11.34	14.61
22.0	1330	11.0			0.49	1.2	8.6	8.3	86		0.18			19.43	11.34	14.63
22.0	1330	12.0			0.49	1.2	8.6	8.3	86		0.18			19.53	11.35	14.71
22.0	1330	13.0			0.48	1.2	8.6	8.3	86		0.19			19.71	11.37	14.84
22.0	1330	14.0			0.47	1.1	8.6	8.4	87		0.19			20.00	11.39	15.07
22.0	1330	15.0			0.46	1.1	8.6	8.3	87		0.22			20.83	11.49	15.70
22.0	1330	16.0			0.46	1.1	8.6	8.2	86		0.22			21.67	11.60	16.32
22.0	1330	17.0			0.46	1.1	8.6	8.2	87		0.37			22.72	11.69	17.13
21.0	1344	1.0			0.56	1.5	8.8	8.8	90		0.15		1.1	17.02	11.49	12.75
21.0	1344	2.0	1.8	0.86	0.54	1.4	8.7	8.7	89	8.6	0.08			17.21	11.43	12.91
21.0	1344	3.0			0.51	1.3	8.7	8.6	88		0.07			17.82	11.33	13.39
21.0	1344	4.0			0.50	1.2	8.7	8.5	88		0.08			18.16	11.31	13.66
21.0	1344	5.0			0.49	1.2	8.7	8.6	88		0.09			18.37	11.30	13.82
21.0	1344	6.0			0.50	1.2	8.7	8.6	88		0.10			18.43	11.29	13.87
21.0	1344	7.0			0.50	1.2	8.7	8.6	88		0.11			18.49	11.29	13.91
21.0	1344	8.0			0.50	1.2	8.7	8.6	89		0.12			18.54	11.29	13.95
21.0	1344	9.0			0.51	1.3	8.7	8.6	89		0.14			18.58	11.29	13.99
21.0	1344	10.0			0.51	1.3	8.7	8.6	89		0.15			18.69	11.29	14.07
21.0	1344	11.0			0.51	1.3	8.7	8.7	89		0.17			18.82	11.30	14.17
21.0	1344	12.0			0.51	1.3	8.8	8.8	91		0.17			19.08	11.33	14.36
21.0	1344	13.0			0.50	1.2	8.8	8.8	91		0.18			20.11	11.43	15.14
21.0	1344	14.0			0.49	1.2	8.7	8.6	91		0.19			21.62	11.58	16.29
21.0	1344	15.0			0.49	1.2	8.5	8.0	86		0.37			23.63	11.77	17.82
21.0	1344	16.0			0.49	1.2	8.4	7.8	84		0.58			24.07	11.80	18.15
21.0	1344	17.0	1.0	0.34	0.50	1.2	8.4	7.7	83		0.73			24.38	11.82	18.39

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South San Francisco Bay ..... 24 January 1995 ..... Year Day:95024 .....
.....
Fluorometer Calibration: ..... n ..... r^2 ..... Slope ..... Inter. ..... Std. Err.
Dissolved Oxygen Calibration: ..... 11 ..... 0.716 ..... 4.200 ..... -0.86 ..... 0.30
..... 6 ..... 0.231 ..... 3.050 ..... -17.92 ..... 0.33
.....

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SeaBird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0627	1.0			0.75	2.3		7.8	8.2	87		0.09	8		15.45	13.71	11.19
36.0	0627	2.0	2.3	0.73	0.74	2.2	8.1	7.8	8.2	87	8.9	0.09	8		15.57	13.70	11.28
36.0	0627	3.0			0.74	2.2		7.8	8.2	87		0.09	8		15.58	13.70	11.29
36.0	0627	4.0			0.73	2.2		7.8	8.2	87		0.09	8		15.58	13.70	11.29
36.0	0627	5.0			0.73	2.2		7.8	8.2	87		0.09	8		15.59	13.70	11.30
36.0	0627	6.0			0.74	2.2		7.8	8.2	87		0.09	8		15.61	13.70	11.31
36.0	0627	7.0			0.73	2.2		7.8	8.2	87		0.09	8		15.62	13.70	11.32
36.0	0627	8.0			0.82	2.6		7.8	8.2	87		0.09	8		15.63	13.69	11.33
36.0	0627	9.0	2.0	0.68	0.85	2.7		7.8	8.2	87		0.10	9		15.62	13.70	11.33
34.0	0647	1.0			0.77	2.4		7.9	8.2	88		0.05	6		15.76	13.60	11.44
34.0	0647	2.0			0.76	2.3		7.8	8.2	87		0.06	7		16.01	13.65	11.62
34.0	0647	3.0			0.75	2.3		7.7	8.1	86		0.09	8		16.18	13.63	11.76
34.0	0647	4.0			0.74	2.3		7.7	8.1	86		0.11	9		16.25	13.61	11.82
34.0	0647	5.0			0.74	2.2		7.8	8.1	86		0.12	10		16.26	13.60	11.83
34.0	0647	6.0			0.74	2.2		7.8	8.1	86		0.13	10		16.27	13.59	11.83
34.0	0647	7.0			0.74	2.2		7.8	8.1	86		0.15	12		16.27	13.60	11.83
34.0	0647	8.0			0.73	2.2		7.8	8.1	86		0.16	12		16.27	13.59	11.84
34.0	0647	9.0			0.73	2.2		7.8	8.1	86		0.16	12		16.28	13.60	11.84
32.0	0706	1.0			0.77	2.4		7.9	8.3	88		0.06	7		16.27	13.50	11.85
32.0	0706	2.0			0.77	2.3	8.4	7.9	8.3	88		0.07	7		16.32	13.49	11.89
32.0	0706	3.0			0.75	2.3		7.9	8.3	88		0.08	8		16.34	13.47	11.91
32.0	0706	4.0			0.73	2.2		7.9	8.3	89		0.08	8		16.35	13.44	11.92
32.0	0706	5.0			0.73	2.2		7.9	8.3	89		0.08	8		16.37	13.42	11.94
32.0	0706	6.0			0.73	2.2		7.9	8.4	89		0.07	7		16.40	13.42	11.96
32.0	0706	7.0			0.74	2.3		7.9	8.4	89		0.08	8		16.42	13.42	11.98
32.0	0706	8.0			0.74	2.2		7.9	8.3	89		0.09	8		16.45	13.42	12.00
32.0	0706	9.0			0.74	2.3		7.9	8.3	89		0.10	9		16.49	13.41	12.03
32.0	0706	10.0			0.74	2.2		7.9	8.3	88		0.11	9		16.51	13.41	12.05
32.0	0706	11.0			0.73	2.2		7.9	8.3	88		0.12	10		16.53	13.41	12.06
32.0	0706	12.0			0.72	2.2		7.8	8.2	88		0.14	11		16.54	13.41	12.07
32.0	0706	13.0	2.1	0.61	0.72	2.2		7.8	8.2	88		0.15	11		16.54	13.41	12.07
30.0	0731	1.0			0.74	2.2		8.2	8.8	92		0.08	8	1.4	15.68	13.20	11.45
30.0	0731	2.0	3.0	0.74	0.71	2.1	8.6	8.2	8.7	92	8.2	0.10	9		15.89	13.16	11.61
30.0	0731	3.0			0.66	1.9		8.2	8.7	92		0.10	9		16.15	13.17	11.81
30.0	0731	4.0			0.65	1.9		8.1	8.6	91		0.09	9		16.28	13.19	11.91
30.0	0731	5.0			0.64	1.8		8.1	8.6	91		0.09	8		16.36	13.20	11.97
30.0	0731	6.0			0.65	1.9		8.1	8.6	91		0.10	9		16.40	13.21	12.00
30.0	0731	7.0			0.65	1.9		8.1	8.6	91		0.10	9		16.43	13.21	12.02
30.0	0731	8.0			0.65	1.9		8.1	8.5	90		0.10	9		16.46	13.22	12.04
30.0	0731	9.0			0.65	1.9		8.0	8.5	90		0.11	10		16.49	13.21	12.06

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
30.0	0731	10.0			0.65	1.9		8.0	8.5	90		0.12	10		16.49	13.21	12.07
30.0	0731	11.0			0.65	1.9		8.0	8.5	90		0.12	10		16.49	13.21	12.07
30.0	0731	12.0			0.65	1.9		8.0	8.5	90		0.13	10		16.49	13.21	12.07
30.0	0731	13.0			0.64	1.9		8.0	8.5	90		0.14	11		16.50	13.21	12.07
30.0	0731	14.0	1.9	0.62	0.64	1.9		8.0	8.5	90		0.15	12		16.50	13.21	12.07
29.0	0753	1.0			0.80	2.5		8.0	8.5	89		0.09	8	1.3	14.97	13.17	10.90
29.0	0753	2.0			0.79	2.4		8.0	8.5	89		0.08	8		14.97	13.16	10.90
29.0	0753	3.0			0.72	2.2		8.0	8.5	89		0.09	8		15.13	13.10	11.04
29.0	0753	4.0			0.66	1.9		8.1	8.5	90		0.09	8		15.47	13.07	11.31
29.0	0753	5.0			0.63	1.8		8.0	8.5	89		0.09	8		15.89	13.07	11.63
29.0	0753	6.0			0.60	1.7		8.0	8.5	89		0.10	9		16.03	13.07	11.74
29.0	0753	7.0			0.59	1.6		8.0	8.4	89		0.10	9		16.12	13.06	11.81
29.0	0753	8.0			0.59	1.6		8.0	8.4	89		0.10	9		16.22	13.09	11.88
29.0	0753	9.0			0.60	1.7		7.9	8.4	88		0.09	9		16.29	13.10	11.93
29.0	0753	10.0			0.60	1.7		7.9	8.4	88		0.09	8		16.34	13.11	11.97
29.0	0753	11.0			0.60	1.7		7.9	8.4	88		0.09	9		16.39	13.13	12.00
29.0	0753	12.0			0.60	1.7		7.9	8.3	88		0.09	8		16.42	13.13	12.03
29.0	0753	13.0			0.61	1.7		7.9	8.3	88		0.10	9		16.44	13.12	12.04
29.0	0753	14.0			0.61	1.7		7.9	8.3	88		0.11	9		16.44	13.12	12.04
29.0	0753	15.0			0.61	1.7		7.9	8.3	88		0.12	10		16.44	13.12	12.05
29.0	0753	16.0			0.61	1.7		7.9	8.3	88		0.13	11		16.44	13.12	12.05
27.0	0816	1.0			0.67	2.0		8.3	8.9	94		0.06	6	1.2	15.08	13.12	11.00
27.0	0816	2.0		0.76	0.65	1.9	9.0	8.3	8.9	93		0.06	7		15.31	13.10	11.18
27.0	0816	3.0	2.6		0.65	1.9		8.3	8.9	93		0.06	7		15.37	13.11	11.22
27.0	0816	4.0			0.64	1.8		8.2	8.8	92		0.07	7		15.39	13.13	11.24
27.0	0816	5.0			0.60	1.7		8.2	8.7	91		0.07	7		15.74	13.08	11.52
27.0	0816	6.0			0.56	1.5		8.1	8.6	90		0.07	7		15.98	13.03	11.71
27.0	0816	7.0			0.55	1.5		8.0	8.5	90		0.08	7		16.29	13.01	11.95
27.0	0816	8.0			0.54	1.5		8.0	8.5	89		0.09	8		16.37	13.01	12.01
27.0	0816	9.0			0.54	1.4		8.0	8.5	89		0.09	8		16.39	13.00	12.02
27.0	0816	10.0			0.54	1.4		8.0	8.4	89		0.10	9		16.39	13.00	12.02
27.0	0816	11.0			0.55	1.5		8.0	8.4	89		0.11	9		16.40	13.00	12.03
27.0	0816	12.0			0.64	1.8		8.0	8.4	89		0.12	10		16.40	13.00	12.03
27.0	0816	13.0	1.2	0.57	0.66	1.9		8.0	8.4	89		0.14	11		16.40	13.00	12.03
25.0	0841	1.0			0.59	1.7		8.1	8.6	89		0.07	7	1.2	15.56	12.90	11.41
25.0	0841	2.0			0.59	1.6		8.1	8.6	89		0.07	7		15.57	12.89	11.41
25.0	0841	3.0			0.59	1.6		8.1	8.6	90		0.07	7		15.57	12.89	11.41
25.0	0841	4.0			0.58	1.6		8.1	8.6	89		0.07	7		15.58	12.89	11.42
25.0	0841	5.0			0.57	1.6		8.0	8.5	89		0.07	7		15.59	12.89	11.43
25.0	0841	6.0			0.54	1.4		8.0	8.4	88		0.07	7		15.68	12.86	11.50

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
25.0	0841	7.0			0.49	1.2		7.9	8.3	87		0.10	9		16.89	12.72	12.46
25.0	0841	8.0			0.47	1.1		7.8	8.2	87		0.12	10		17.13	12.71	12.65
25.0	0841	9.0			0.47	1.1		7.9	8.3	87		0.16	12		17.83	12.70	13.18
24.0	0856	1.0			0.55	1.5		8.0	8.5	88		0.06	6	1.1	13.65	12.68	9.97
24.0	0856	2.0	1.5	0.78	0.54	1.4	8.7	8.2	8.7	90	6.2	0.06	6		13.71	12.69	10.01
24.0	0856	3.0			0.52	1.4		8.2	8.7	90		0.06	7		13.78	12.71	10.06
24.0	0856	4.0			0.52	1.4		8.2	8.7	90		0.06	7		13.79	12.71	10.07
24.0	0856	5.0			0.51	1.3		8.2	8.8	90		0.06	7		13.81	12.72	10.08
24.0	0856	6.0			0.51	1.3		8.2	8.8	90		0.06	7		13.81	12.72	10.09
24.0	0856	7.0			0.50	1.3		8.2	8.8	90		0.06	7		13.84	12.73	10.10
24.0	0856	8.0			0.48	1.2		8.1	8.6	89		0.06	7		14.70	12.71	10.77
24.0	0856	9.0			0.44	1.0		7.9	8.3	87		0.06	7		18.32	12.63	13.57
24.0	0856	10.0			0.43	1.0		7.8	8.1	87		0.08	8		19.96	12.62	14.84
24.0	0856	11.0	0.5	0.50	0.44	1.0		7.8	8.2	87		0.11	9		20.22	12.63	15.04
22.0	0924	1.0			0.51	1.3		8.3	8.8	90		0.06	7	1.1	13.22	12.61	9.64
22.0	0924	2.0			0.51	1.3		8.2	8.8	90		0.06	7		13.78	12.65	10.07
22.0	0924	3.0			0.50	1.3		8.1	8.6	89		0.06	7		14.81	12.69	10.86
22.0	0924	4.0			0.48	1.2		8.0	8.5	89		0.05	6		15.91	12.70	11.71
22.0	0924	5.0			0.47	1.2		8.0	8.4	88		0.05	6		16.52	12.70	12.18
22.0	0924	6.0			0.45	1.1		7.9	8.3	88		0.05	6		17.99	12.67	13.31
22.0	0924	7.0			0.42	1.0		7.8	8.2	88		0.04	6		20.75	12.64	15.44
22.0	0924	8.0			0.40	0.9		7.8	8.1	88		0.04	6		22.00	12.64	16.41
22.0	0924	9.0			0.39	0.8		7.7	8.0	87		0.04	6		23.75	12.65	17.76
22.0	0924	10.0			0.38	0.8		7.7	8.0	88		0.05	6		24.69	12.65	18.49
22.0	0924	11.0			0.37	0.8		7.6	7.9	88		0.05	6		25.42	12.66	19.05
22.0	0924	12.0			0.37	0.7		7.6	7.9	88		0.04	6		25.87	12.67	19.40
22.0	0924	13.0			0.36	0.7		7.6	7.9	88		0.04	6		26.60	12.68	19.96
22.0	0924	14.0			0.35	0.7		7.6	7.9	88		0.04	5		27.19	12.68	20.41
22.0	0924	15.0			0.36	0.7		7.6	7.8	88		0.04	6		27.53	12.69	20.67
22.0	0924	16.0			0.36	0.7		7.6	7.8	88		0.06	7		27.70	12.69	20.80
22.0	0924	17.0			0.35	0.7		7.5	7.8	88		0.09	8		27.81	12.69	20.89
22.0	0924	18.0			0.36	0.7		7.5	7.8	88		0.09	8		27.84	12.69	20.91
22.0	0924	19.0			0.36	0.7		7.5	7.8	88		0.10	9		28.03	12.70	21.06
21.0	0938	1.0			0.48	1.2		8.2	8.8	90		0.06	7	1.1	13.33	12.58	9.74
21.0	0938	2.0	1.3		0.47	1.2	8.8	8.2	8.7	90		0.06	6		13.76	12.61	10.06
21.0	0938	3.0			0.47	1.2		8.2	8.7	90		0.06	7		14.08	12.65	10.30
21.0	0938	4.0			0.47	1.2		8.1	8.7	90		0.06	7		14.68	12.68	10.76
21.0	0938	5.0			0.47	1.2		8.1	8.6	89		0.06	7		15.26	12.71	11.20
21.0	0938	6.0			0.46	1.1		8.0	8.5	89		0.06	6		15.64	12.71	11.49
21.0	0938	7.0			0.46	1.1		8.0	8.5	88		0.06	6		15.81	12.71	11.63

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1838	1.0	1.0		0.64	1.1						2.71	114		0.08	11.06	0.00
657.0	1838	2.0	1.5	0.88	0.65	1.2					92.8	2.82	118		0.08	11.11	0.00
657.0	1838	3.0			0.64	1.1						2.95	123		0.09	11.14	0.00
657.0	1838	4.0			0.64	1.2						2.94	122		0.09	11.15	0.00
657.0	1838	5.0			0.65	1.2						2.91	121		0.09	11.15	0.00
657.0	1838	6.0			0.64	1.2						2.96	123		0.09	11.16	0.00
657.0	1838	7.0			0.65	1.2						2.95	123		0.09	11.17	0.00
657.0	1838	8.0			0.66	1.2						2.94	123		0.09	11.17	0.00
657.0	1838	9.0			0.65	1.2						2.94	122		0.09	11.18	0.00
657.0	1838	10.0	1.5	0.96	0.65	1.2						2.67	112		0.09	11.18	0.00
649.0	1733	1.0			0.60	1.0						2.08	90		0.07	10.95	0.00
649.0	1733	2.0	1.0	0.66	0.60	1.0					102.8	2.04	89		0.07	10.95	0.00
649.0	1733	3.0			0.60	1.0						2.02	88		0.07	10.96	0.00
649.0	1733	4.0			0.61	1.0						2.04	89		0.07	10.96	0.00
649.0	1733	5.0			0.61	1.0						2.07	90		0.07	10.96	0.00
649.0	1733	6.0			0.60	1.0						2.09	91		0.07	10.96	0.00
649.0	1733	7.0			0.61	1.0						2.06	90		0.07	10.95	0.00
649.0	1733	8.0			0.61	1.0						2.11	92		0.07	10.95	0.00
649.0	1733	9.0			0.61	1.0						2.08	90		0.07	10.95	0.00
649.0	1733	10.0			0.61	1.1						2.06	90		0.07	10.95	0.00
649.0	1733	11.0	1.1	0.61	0.61	1.1						2.04	89		0.07	10.95	0.00
2.0	1714	1.0			0.60	1.0						2.09	91	7.0	0.07	11.04	0.00
2.0	1714	2.0			0.60	1.0						2.13	92		0.07	11.02	0.00
2.0	1714	3.0			0.60	1.0						2.17	94		0.07	11.01	0.00
2.0	1714	4.0			0.61	1.0						2.26	97		0.07	11.01	0.00
2.0	1714	5.0			0.61	1.1						2.29	98		0.07	11.02	0.00
2.0	1714	6.0			0.62	1.1						2.23	96		0.07	11.02	0.00
2.0	1714	7.0			0.61	1.1						2.24	96		0.07	11.00	0.00
2.0	1714	8.0			0.61	1.1						2.32	99		0.07	10.99	0.00
2.0	1714	9.0			0.61	1.0						2.33	100		0.07	10.99	0.00
2.0	1714	10.0			0.62	1.1						2.25	97		0.07	10.99	0.00
2.0	1714	11.0	1.1	0.62	0.62	1.1						2.27	97		0.07	10.99	0.00
3.0	1658	1.0			0.62	1.1						1.36	64	5.9	0.08	11.39	0.00
3.0	1658	2.0	0.9	0.82	0.62	1.1						1.35	63		0.08	11.39	0.00
3.0	1658	3.0			0.62	1.1						1.38	64		0.08	11.39	0.00
3.0	1658	4.0			0.62	1.1						1.35	63		0.08	11.39	0.00
3.0	1658	5.0			0.62	1.1						1.35	64		0.08	11.39	0.00
3.0	1658	6.0			0.62	1.1						1.36	64		0.08	11.39	0.00
3.0	1658	7.0			0.62	1.1						1.36	64		0.08	11.39	0.00
3.0	1658	8.0			0.62	1.1						1.36	64		0.08	11.40	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1658	9.0			0.62	1.1					1.38	64		0.08	11.40	0.00
3.0	1658	10.0			0.62	1.1					1.35	63		0.08	11.40	0.00
3.0	1658	11.0	0.9	0.50	0.62	1.1			69.0		1.35	63		0.08	11.40	0.00
4.0	1635	1.0			0.63	1.1					1.97	87	6.4	0.07	11.31	0.00
4.0	1635	2.0			0.63	1.1					2.03	89		0.07	11.31	0.00
4.0	1635	3.0			0.63	1.1					2.01	88		0.08	11.31	0.00
4.0	1635	4.0			0.62	1.1					2.04	89		0.07	11.31	0.00
4.0	1635	5.0			0.62	1.1					2.05	89		0.07	11.31	0.00
4.0	1635	6.0			0.62	1.1					2.05	89		0.07	11.31	0.00
4.0	1635	7.0			0.62	1.1					2.03	89		0.07	11.31	0.00
4.0	1635	8.0			0.62	1.1					2.01	88		0.07	11.30	0.00
4.0	1635	9.0			0.61	1.1					1.98	87		0.07	11.30	0.00
4.0	1635	10.0			0.61	1.1					1.98	87		0.07	11.30	0.00
4.0	1635	11.0			0.62	1.1					1.90	84		0.07	11.30	0.00
4.0	1635	12.0			0.62	1.1					1.93	85		0.07	11.29	0.00
4.0	1635	13.0			0.63	1.1					1.90	84		0.07	11.28	0.00
4.0	1635	14.0			0.63	1.1					1.88	83		0.07	11.29	0.00
4.0	1635	15.0			0.62	1.1					1.92	84		0.07	11.28	0.00
4.0	1635	16.0			0.62	1.1					1.90	84		0.07	11.28	0.00
4.0	1635	17.0			0.62	1.1					1.96	86		0.07	11.27	0.00
5.0	1612	1.0			0.64	1.1					2.14	93	6.9	0.08	11.35	0.00
5.0	1612	2.0			0.64	1.1					2.10	91		0.08	11.35	0.00
5.0	1612	3.0			0.64	1.1					2.20	95		0.08	11.35	0.00
5.0	1612	4.0			0.64	1.1					2.14	93		0.08	11.35	0.00
5.0	1612	5.0			0.63	1.1					2.14	93		0.08	11.35	0.00
5.0	1612	6.0			0.63	1.1					2.08	91		0.08	11.35	0.00
5.0	1612	7.0			0.63	1.1					2.07	90		0.08	11.35	0.00
5.0	1612	8.0			0.64	1.1					2.07	90		0.08	11.35	0.00
5.0	1612	9.0			0.64	1.1					2.06	90		0.08	11.35	0.00
5.0	1612	10.0			0.63	1.1					2.05	90		0.08	11.35	0.00
5.0	1612	11.0			0.63	1.1					2.06	90		0.08	11.35	0.00
5.0	1612	12.0			0.62	1.1					2.02	88		0.08	11.35	0.00
6.0	1542	1.0			0.66	1.2					2.34	100	6.6	0.08	11.41	0.00
6.0	1542	2.0			0.66	1.2			105.5		2.26	97		0.08	11.41	0.00
6.0	1542	3.0	1.1	0.65	0.66	1.2					2.32	99		0.08	11.41	0.00
6.0	1542	4.0			0.66	1.2					2.35	101		0.08	11.41	0.00
6.0	1542	5.0			0.65	1.2					2.26	97		0.08	11.40	0.00
6.0	1542	6.0			0.64	1.2					2.35	101		0.08	11.41	0.00
6.0	1542	7.0			0.65	1.2					2.31	99		0.08	11.41	0.00
6.0	1542	8.0			0.66	1.2					2.26	97		0.08	11.40	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
6.0	1542	9.0			0.66	1.2					2.20	95		0.08	11.40	0.00
6.0	1542	10.0			0.65	1.2					2.17	94		0.08	11.40	0.00
6.0	1542	11.0			0.65	1.2					2.22	96		0.08	11.40	0.00
7.0	1514	1.0			0.65	1.2					1.85	82	6.2	0.08	11.64	0.00
7.0	1514	2.0			0.65	1.2					1.80	80		0.08	11.64	0.00
7.0	1514	3.0			0.65	1.2					1.81	80		0.08	11.64	0.00
7.0	1514	4.0			0.66	1.2					1.83	81		0.08	11.64	0.00
7.0	1514	5.0			0.66	1.2					1.80	80		0.08	11.64	0.00
7.0	1514	6.0			0.66	1.2					1.82	81		0.08	11.64	0.00
7.0	1514	7.0			0.66	1.2					1.81	81		0.08	11.64	0.00
7.0	1514	8.0			0.66	1.2					1.81	80		0.08	11.64	0.00
7.0	1514	9.0			0.66	1.2					1.81	80		0.08	11.64	0.00
7.0	1514	10.0			0.66	1.2					1.84	82		0.08	11.64	0.00
7.0	1514	11.0			0.66	1.2					1.85	82		0.08	11.64	0.00
7.0	1514	12.0			0.67	1.2					1.83	81		0.08	11.64	0.00
7.0	1514	13.0			0.67	1.2					1.91	84		0.08	11.64	0.00
8.0	1449	1.0			0.65	1.2				98.4	1.98	87	6.5	0.08	11.54	0.00
8.0	1449	2.0			0.65	1.2					1.98	87		0.08	11.54	0.00
8.0	1449	3.0			0.65	1.2					2.00	88		0.08	11.53	0.00
8.0	1449	4.0			0.65	1.2					2.02	88		0.08	11.53	0.00
8.0	1449	5.0			0.66	1.2					2.05	89		0.08	11.53	0.00
8.0	1449	6.0			0.66	1.2					2.10	91		0.08	11.53	0.00
8.0	1449	7.0			0.66	1.2					2.07	90		0.08	11.53	0.00
8.0	1449	8.0			0.66	1.2					2.07	90		0.08	11.53	0.00
8.0	1449	9.0			0.66	1.2					2.06	90		0.08	11.53	0.00
8.0	1449	10.0			0.65	1.2					2.04	89		0.08	11.53	0.00
8.0	1449	11.0			0.66	1.2					2.03	89		0.08	11.53	0.00
8.0	1449	12.0			0.66	1.2					2.05	89		0.08	11.53	0.00
8.0	1449	13.0			0.67	1.2					2.04	89		0.08	11.53	0.00
8.0	1449	14.0			0.67	1.2					2.01	88		0.08	11.53	0.00
8.0	1449	15.0			0.66	1.2					1.97	86		0.08	11.53	0.00
9.0	1426	1.0			0.67	1.2					2.34	100	8.0	0.45	11.66	0.00
9.0	1426	2.0	1.0	0.79	0.67	1.2					2.39	102		0.50	11.66	0.00
9.0	1426	3.0			0.67	1.2					2.33	100		0.50	11.66	0.00
9.0	1426	4.0			0.67	1.2					2.46	105		0.51	11.66	0.00
9.0	1426	5.0			0.68	1.2					2.36	101		0.53	11.65	0.00
9.0	1426	6.0			0.68	1.3					2.35	100		0.50	11.65	0.00
9.0	1426	7.0			0.68	1.3					2.48	105		0.49	11.65	0.00
9.0	1426	8.0			0.67	1.2					2.29	98		0.53	11.66	0.00
9.0	1426	9.0			0.66	1.2					2.26	97		0.71	11.69	0.09

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1426	10.0			0.66	1.2						2.36	101		0.78	11.70	0.14
9.0	1426	11.0			0.67	1.2						2.34	100		0.85	11.71	0.19
9.0	1426	12.0			0.67	1.2						2.29	98		0.88	11.72	0.22
9.0	1426	13.0			0.67	1.2						2.36	101		0.93	11.73	0.26
9.0	1426	14.0			0.67	1.2		8.0	8.2	77		2.38	102		1.13	11.78	0.41
9.0	1426	15.0			0.67	1.2		8.0	8.2	76		2.37	101		1.18	11.78	0.44
9.0	1426	16.0			0.67	1.2		8.0	8.3	77		2.33	100		1.16	11.77	0.43
9.0	1426	17.0			0.67	1.2		8.1	8.3	77		2.34	100		1.18	11.77	0.44
9.0	1426	18.0			0.67	1.2		8.0	8.2	76		2.32	99		1.16	11.77	0.44
9.0	1426	19.0			0.67	1.2		8.0	8.2	76		2.33	100		1.12	11.76	0.40
9.0	1426	20.0			0.67	1.2		8.2	8.6	80		2.43	103		1.34	11.81	0.57
9.0	1426	21.0			0.66	1.2		8.3	8.6	81		2.36	101		2.24	11.86	1.26
9.0	1426	22.0			0.65	1.2		8.2	8.5	81		2.16	94		3.13	11.91	1.95
9.0	1426	23.0			0.64	1.1		8.2	8.5	81		2.02	88		3.55	11.92	2.27
9.0	1426	24.0			0.63	1.1		8.2	8.5	81		1.92	85		3.84	11.94	2.49
9.0	1426	25.0			0.63	1.1		8.2	8.5	81		1.91	84		4.09	11.95	2.69
9.0	1426	26.0			0.62	1.1		8.2	8.5	81		1.95	86		4.80	11.97	3.23
9.0	1426	27.0			0.60	1.0		8.1	8.4	81		1.56	71		6.80	12.04	4.78
9.0	1426	28.0	1.2	0.98	0.60	1.0		8.0	8.2	81		1.44	67		8.16	12.09	5.81
10.0	1411	1.0			0.67	1.2						2.28	98	7.2	0.93	11.75	0.25
10.0	1411	2.0			0.67	1.2					98.5	2.35	100		0.95	11.75	0.27
10.0	1411	3.0			0.67	1.2						2.18	94		0.97	11.75	0.29
10.0	1411	4.0			0.66	1.2						2.30	98		0.98	11.75	0.29
10.0	1411	5.0			0.66	1.2		8.1	8.4	78		2.37	101		1.06	11.75	0.36
10.0	1411	6.0			0.66	1.2		8.1	8.3	77		2.29	98		1.13	11.75	0.41
10.0	1411	7.0			0.66	1.2		8.2	8.5	80		2.30	99		1.34	11.78	0.57
10.0	1411	8.0			0.65	1.2		8.3	8.7	82		2.20	95		1.75	11.80	0.89
10.0	1411	9.0			0.65	1.2		8.3	8.7	82		2.04	89		2.41	11.84	1.40
10.0	1411	10.0			0.64	1.1		8.3	8.6	82		1.99	87		3.01	11.88	1.86
10.0	1411	11.0			0.64	1.1		8.3	8.6	82		1.88	83		3.30	11.90	2.08
10.0	1411	12.0			0.64	1.1		8.3	8.6	82		1.94	85		3.35	11.90	2.12
10.0	1411	13.0			0.64	1.1		8.3	8.6	82		1.97	86		3.47	11.90	2.21
10.0	1411	14.0			0.63	1.1		8.3	8.7	82		1.89	83		3.86	11.91	2.51
10.0	1411	15.0			0.62	1.1		8.3	8.6	83		1.79	80		4.55	11.93	3.05
10.0	1411	16.0			0.61	1.0		8.2	8.6	82		1.67	75		5.55	11.96	3.81
10.0	1411	17.0			0.60	1.0		8.2	8.5	82		1.63	74		5.98	11.99	4.14
10.0	1411	18.0			0.60	1.0		8.2	8.5	82		1.61	73		6.28	12.01	4.37
11.0	1340	1.0			0.61	1.0		8.4	8.9	83		1.61	73	5.5	2.17	11.95	1.19
11.0	1340	2.0			0.61	1.0		8.4	8.9	84	71.4	1.50	69		2.92	11.87	1.79
11.0	1340	3.0			0.61	1.0		8.5	8.9	84		1.54	70		3.36	11.88	2.13
11.0	1340	4.0			0.59	1.0		8.4	8.8	84		1.40	65		4.58	11.93	3.07

North San Francisco Bay

7 February 1995

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
11.0	1340	5.0			0.58	1.0		8.4	84		1.31	62		5.74	11.98	3.96
11.0	1340	6.0			0.58	0.9		8.4	85		1.32	62		6.65	12.02	4.66
11.0	1340	7.0			0.56	0.9		8.3	85		1.28	61		8.30	12.09	5.93
11.0	1340	8.0			0.56	0.9		8.1	83		1.33	63		10.47	12.18	7.59
12.0	1311	1.0			0.58	0.9		8.3	83		1.24	59	4.2	4.88	12.00	3.29
12.0	1311	2.0			0.58	0.9		8.3	83		1.23	59		5.16	12.01	3.51
12.0	1311	3.0			0.57	0.9		8.3	84		1.21	58		7.09	12.07	4.99
12.0	1311	4.0			0.55	0.8		8.1	84		1.10	54		10.41	12.19	7.54
12.0	1311	5.0			0.52	0.8		8.0	84		0.91	47		12.97	12.26	9.51
12.0	1311	6.0			0.49	0.7		7.9	84		0.81	43		15.31	12.37	11.29
12.0	1311	7.0			0.48	0.6		7.9	83		0.71	40		16.57	12.42	12.26
12.0	1311	8.0			0.47	0.6		7.9	83		0.70	39		17.19	12.44	12.73
12.0	1311	9.0			0.47	0.6		7.8	83		0.68	39		18.51	12.47	13.74
13.0	1225	1.0			0.51	0.7		8.3	84		0.58	35	2.8	6.49	12.34	4.49
13.0	1225	2.0			0.51	0.7	8.7	8.3	85		0.56	34		6.86	12.27	4.79
13.0	1225	3.0			0.51	0.7		8.3	85		0.54	33		6.97	12.26	4.88
13.0	1225	4.0			0.51	0.7		8.3	85		0.53	33		7.16	12.24	5.03
13.0	1225	5.0			0.51	0.7		8.3	85		0.51	32		7.22	12.23	5.07
13.0	1225	6.0			0.51	0.7		8.3	85		0.52	32		7.25	12.23	5.09
13.0	1225	7.0			0.50	0.7		8.4	86		0.51	32		7.36	12.23	5.18
13.0	1225	8.0			0.47	0.6		8.2	87		0.44	30		12.43	12.34	9.08
13.0	1225	9.0			0.44	0.5		8.0	86		0.21	21		17.85	12.54	13.23
13.0	1225	10.0			0.41	0.4		7.8	85		0.17	19		21.31	12.58	15.89
13.0	1225	11.0			0.42	0.4		7.7	84		0.48	31		23.34	12.60	17.45
13.0	1225	12.0	0.5	0.41	0.42	0.4		7.7	84		0.72	40		23.48	12.60	17.56
14.0	1207	1.0			0.56	0.9		8.5	85		0.76	42	3.2	3.11	12.19	1.90
14.0	1207	2.0			0.56	0.9		8.5	85	34.1	0.75	41		3.24	12.10	2.01
14.0	1207	3.0			0.56	0.9		8.5	85		0.75	41		3.47	12.05	2.19
14.0	1207	4.0			0.55	0.8		8.4	85		0.71	40		4.11	12.04	2.69
14.0	1207	5.0			0.53	0.8		8.5	86		0.64	37		4.96	12.07	3.34
14.0	1207	6.0			0.50	0.7		8.5	88		0.53	33		7.94	12.19	5.63
14.0	1207	7.0			0.45	0.5		8.0	86		0.34	26		16.84	12.51	12.45
14.0	1207	8.0			0.43	0.5		7.9	85		0.15	19		18.20	12.54	13.49
14.0	1207	9.0			0.42	0.4		7.9	85		0.15	19		19.28	12.55	14.33
14.0	1207	10.0			0.41	0.4		7.8	85		0.11	17		21.12	12.56	15.74
14.0	1207	11.0			0.41	0.4		7.7	84		0.32	25		23.49	12.60	17.57
14.0	1207	12.0			0.42	0.5		7.7	84		0.64	37		23.70	12.60	17.73
14.0	1207	13.0			0.44	0.5		7.7	84		0.85	45		23.74	12.61	17.76
14.0	1207	14.0			0.45	0.5		7.6	83		0.96	49		23.75	12.61	17.77
14.0	1207	15.0			0.44	0.5		7.7	83		1.17	57		23.50	12.60	17.57

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
15.0	1144	1.0			0.52	0.8		8.5	9.0	86		0.53	33	2.6	4.43	12.16	2.92
15.0	1144	2.0	0.3	0.46	0.52	0.8	9.0	8.5	9.0	86		0.51	32		4.46	12.16	2.94
15.0	1144	3.0			0.53	0.8		8.5	9.0	86		0.50	32		4.47	12.15	2.96
15.0	1144	4.0			0.53	0.8		8.5	8.9	86		0.54	33		4.70	12.11	3.14
15.0	1144	5.0			0.54	0.8		8.5	8.9	86		0.63	37		4.97	12.09	3.35
15.0	1144	6.0			0.53	0.8		8.5	9.0	86		0.61	36		5.17	12.07	3.51
15.0	1144	7.0			0.52	0.8		8.4	8.9	86		0.55	34		6.48	12.13	4.51
15.0	1144	8.0			0.51	0.7		8.3	8.7	85		0.49	32		7.76	12.17	5.49
15.0	1144	9.0			0.49	0.7		8.3	8.6	85		0.44	30		8.61	12.21	6.14
15.0	1144	10.0			0.49	0.7		8.3	8.6	85		0.39	28		9.26	12.23	6.65
15.0	1144	11.0			0.48	0.6		8.3	8.6	86		0.36	27		9.82	12.26	7.07
15.0	1144	12.0			0.47	0.6		8.3	8.7	87		0.33	26		10.89	12.31	7.89
15.0	1144	13.0			0.47	0.6		8.1	8.4	86		0.25	23		14.72	12.45	10.82
15.0	1144	14.0			0.48	0.6		8.0	8.1	86		0.43	29		17.94	12.53	13.30
15.0	1144	15.0			0.49	0.7		7.8	7.8	84		0.99	50		21.65	12.58	16.15
15.0	1144	16.0			0.50	0.7		7.7	7.8	84		1.23	59		21.76	12.58	16.24
15.0	1144	17.0			0.50	0.7		7.7	7.8	84		1.26	60		21.77	12.58	16.24
15.0	1144	18.0			0.50	0.7		7.7	7.7	84		1.32	62		21.93	12.58	16.37
15.0	1144	19.0			0.51	0.7		7.7	7.7	84		1.44	67		22.30	12.59	16.65
15.0	1144	20.0			0.52	0.8		7.7	7.7	84		1.59	72		22.63	12.59	16.90
15.0	1144	21.0			0.52	0.8		7.7	7.7	84		1.78	79		23.33	12.60	17.44
15.0	1144	22.0	0.8	0.18	0.52	0.8		7.6	7.5	83		1.76	79		25.10	12.63	18.80
16.0	1106	1.0			0.51	0.7		8.6	9.1	88		0.34	26	2.0	5.61	12.24	3.82
16.0	1106	2.0			0.51	0.7		8.6	9.1	88		0.32	25		6.44	12.24	4.47
16.0	1106	3.0			0.49	0.7		8.5	9.0	88		0.30	24		8.59	12.29	6.12
16.0	1106	4.0			0.47	0.6		8.3	8.6	87		0.26	23		12.79	12.39	9.35
16.0	1106	5.0			0.45	0.5		8.2	8.4	87		0.20	21		15.03	12.44	11.07
16.0	1106	6.0			0.42	0.4		7.9	8.0	85		0.17	19		19.77	12.54	14.71
16.0	1106	7.0			0.40	0.4		7.7	7.8	84		0.15	19		22.53	12.59	16.83
16.0	1106	8.0			0.39	0.3		7.7	7.7	84		0.13	18		23.89	12.61	17.87
16.0	1106	9.0			0.39	0.3		7.7	7.6	84		0.12	18		24.15	12.61	18.08
16.0	1106	10.0			0.39	0.4		7.6	7.6	84		0.14	19		24.39	12.62	18.26
16.0	1106	11.0			0.39	0.4		7.6	7.6	83		0.20	21		24.73	12.62	18.52
17.0	1041	1.0			0.49	0.7		8.3	8.7	86		0.25	22	1.7	8.84	12.32	6.31
17.0	1041	2.0			0.49	0.7		8.3	8.7	86		0.25	22		9.09	12.29	6.50
17.0	1041	3.0			0.48	0.6		8.3	8.7	87		0.24	22		9.53	12.29	6.85
17.0	1041	4.0			0.47	0.6		8.2	8.6	86		0.22	21		11.28	12.35	8.19
17.0	1041	5.0			0.45	0.5		8.1	8.4	85		0.18	20		13.65	12.41	10.00
17.0	1041	6.0			0.44	0.5		8.1	8.3	85		0.15	19		13.98	12.43	10.26
17.0	1041	7.0			0.44	0.5		8.1	8.3	85		0.13	18		14.80	12.47	10.89
17.0	1041	8.0			0.44	0.5		8.1	8.3	85		0.11	17		15.38	12.48	11.33

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
17.0	1041	9.0			0.43	0.5		8.0	8.2	85		0.10	17		16.34	12.50	12.07
17.0	1041	10.0			0.43	0.5		7.9	8.0	85		0.09	17		18.17	12.55	13.47
17.0	1041	11.0			0.42	0.4		7.8	7.9	84		0.09	17		19.57	12.58	14.54
17.0	1041	12.0			0.42	0.4		7.8	7.8	84		0.11	17		20.34	12.60	15.13
17.0	1041	13.0			0.41	0.4		7.7	7.8	84		0.15	19		21.48	12.61	16.02
17.0	1041	14.0			0.41	0.4		7.5	7.4	82		0.20	20		25.98	12.66	19.47
18.0	1012	1.0			0.46	0.6		8.4	8.7	89		0.16	19	1.2	12.52	12.42	9.14
18.0	1012	2.0	0.4	0.69	0.46	0.6	8.7	8.4	8.8	89	10.0	0.13	18		12.76	12.43	9.32
18.0	1012	3.0			0.46	0.6		8.3	8.7	89		0.13	18		13.19	12.46	9.64
18.0	1012	4.0			0.46	0.6		8.3	8.6	89		0.11	17		14.01	12.50	10.27
18.0	1012	5.0			0.45	0.6		8.3	8.6	89		0.10	17		14.46	12.53	10.61
18.0	1012	6.0			0.45	0.5		8.2	8.5	88		0.10	17		15.44	12.59	11.36
18.0	1012	7.0			0.45	0.5		8.2	8.5	88		0.10	17		15.70	12.61	11.56
18.0	1012	8.0			0.46	0.6		8.1	8.4	88		0.09	16		16.85	12.67	12.43
18.0	1012	9.0			0.46	0.6		8.1	8.3	87		0.08	16		17.64	12.68	13.04
18.0	1012	10.0			0.46	0.6		8.1	8.3	87		0.09	16		17.74	12.68	13.12
18.0	1012	11.0			0.46	0.6		8.0	8.2	87		0.10	17		18.20	12.68	13.47
18.0	1012	12.0			0.45	0.5		8.0	8.1	86		0.16	19		19.42	12.68	14.41
18.0	1012	13.0			0.45	0.5		7.8	7.9	86		0.28	24		21.97	12.67	16.38
18.0	1012	14.0			0.44	0.5		7.8	7.8	86		0.34	26		23.50	12.66	17.57
18.0	1012	15.0			0.43	0.5		7.8	7.8	86		0.31	25		23.75	12.66	17.75
18.0	1012	16.0			0.42	0.4		7.8	7.9	86		0.23	22		24.01	12.65	17.96
18.0	1012	17.0			0.40	0.4		7.8	7.9	87		0.11	17		24.45	12.65	18.30
18.0	1012	18.0			0.39	0.3		7.8	7.8	86		0.08	16		25.19	12.65	18.87
18.0	1012	19.0			0.39	0.3		7.7	7.8	86		0.12	18		26.08	12.66	19.55
18.0	1012	20.0			0.38	0.3		7.7	7.7	86		0.12	18		27.26	12.69	20.47
18.0	1012	21.0			0.37	0.3		7.7	7.7	86		0.09	17		27.84	12.70	20.91
18.0	1012	22.0			0.36	0.3		7.7	7.6	86		0.07	16		28.55	12.71	21.46
18.0	1012	23.0			0.36	0.3		7.6	7.6	86		0.08	16		28.91	12.71	21.74
18.0	1012	24.0			0.36	0.3		7.6	7.6	86		0.10	17		29.07	12.71	21.86
18.0	1012	25.0			0.37	0.3		7.6	7.6	86		0.14	18		29.19	12.71	21.95
18.0	1012	26.0			0.38	0.3		7.6	7.6	86		0.20	20		29.27	12.71	22.01
18.0	1012	27.0			0.38	0.3		7.6	7.6	86		0.18	20		29.40	12.71	22.11
18.0	1012	28.0			0.38	0.3		7.6	7.6	86		0.18	20		29.43	12.71	22.14
18.0	1012	29.0			0.37	0.3		7.6	7.6	86		0.19	20		29.44	12.71	22.15
18.0	1012	30.0			0.37	0.3		7.6	7.6	86		0.19	20		29.45	12.71	22.16
18.0	1012	31.0			0.37	0.3		7.6	7.6	86		0.20	20		29.47	12.71	22.17
18.0	1012	32.0			0.37	0.3		7.6	7.6	86		0.20	21		29.49	12.71	22.19
18.0	1012	33.0			0.37	0.3		7.6	7.6	86		0.21	21		29.50	12.71	22.19
18.0	1012	34.0			0.37	0.3		7.6	7.6	86		0.21	21		29.52	12.71	22.21
18.0	1012	35.0	0.5	0.67	0.37	0.3		7.6	7.6	86		0.26	23		29.74	12.71	22.38

North San Francisco Bay 7 February 1995 Year Day:95038

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	14	0.630	3.148	-0.878	0.236
OBS Calibration:	9	0.868	37.156	13.205	13.074
Dissolved Oxygen Calibration:	3	0.895	1.554	-4.248	0.078

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0945	1.0						9.2	9.2	95		0.37	26	2.3	14.17	12.50	10.40
36.0	0945	2.0	10.9	0.77			9.3	9.2	9.2	95	33.6	0.51	34		14.18	12.49	10.40
36.0	0945	3.0						9.2	9.2	95		0.55	36		14.18	12.49	10.41
36.0	0945	4.0						9.2	9.2	95		0.54	36		14.20	12.49	10.42
36.0	0945	5.0						9.2	9.3	95		0.56	37		14.26	12.51	10.46
36.0	0945	6.0						9.2	9.3	95		0.60	39		14.26	12.51	10.46
36.0	0945	7.0						9.2	9.2	95		0.67	43		14.27	12.51	10.47
36.0	0945	8.0						9.3	9.3	95		0.71	45		14.27	12.51	10.47
36.0	0945	9.0	11.2	0.80				9.2	9.3	95		0.69	44		14.27	12.51	10.47
35.0	1009	1.0			1.25	6.8		9.1	9.2	95		0.34	24	2.0	14.68	12.58	10.77
35.0	1009	2.0			1.25	6.9		9.2	9.2	95		0.33	23		14.68	12.58	10.77
35.0	1009	3.0			1.25	6.9		9.1	9.2	95		0.32	23		14.68	12.57	10.77
35.0	1009	4.0			1.25	6.9		9.2	9.2	95		0.39	27		14.67	12.56	10.77
35.0	1009	5.0			1.25	6.9		9.2	9.2	95		0.41	28		14.67	12.56	10.77
35.0	1009	6.0			1.25	6.9		9.2	9.2	95		0.43	29		14.68	12.56	10.77
35.0	1009	7.0			1.26	6.9		9.2	9.2	95		0.44	29		14.68	12.55	10.78
35.0	1009	8.0			1.26	6.9		9.2	9.2	95		0.47	31		14.68	12.56	10.78
35.0	1009	9.0			1.26	6.9		9.2	9.2	95		0.49	32		14.68	12.55	10.78
34.0	1020	1.0			1.65	10.0		9.0	9.1	94		0.23	17	1.7	14.98	12.60	11.00
34.0	1020	2.0			1.68	10.1		9.0	9.1	94		0.25	18		15.03	12.59	11.05
34.0	1020	3.0			1.69	10.3		9.0	9.1	94		0.35	24		15.06	12.59	11.07
34.0	1020	4.0			1.72	10.5		9.0	9.1	94		0.41	28		15.08	12.60	11.08
34.0	1020	5.0			1.76	10.8		9.0	9.1	94		0.59	39		15.10	12.60	11.10
34.0	1020	6.0			1.80	11.1		9.0	9.1	94		0.59	38		15.10	12.60	11.10
34.0	1020	7.0			1.85	11.5		9.0	9.1	94		0.62	40		15.10	12.60	11.10
34.0	1020	8.0			1.90	11.9		9.1	9.1	94		0.68	44		15.10	12.60	11.10
34.0	1020	9.0			1.92	12.0		9.0	9.1	94		0.70	45		15.10	12.60	11.10
34.0	1020	10.0			1.91	12.0		9.1	9.1	94		0.79	50		15.10	12.60	11.09
33.0	1036	1.0			1.70	10.3		9.1	9.1	95		0.14	12	1.6	15.55	12.68	11.43
33.0	1036	2.0			1.71	10.4		9.0	9.0	94		0.27	19		15.63	12.70	11.49
33.0	1036	3.0			1.71	10.4		8.9	9.0	94		0.37	26		15.67	12.72	11.51
33.0	1036	4.0			1.70	10.3		8.9	9.0	94		0.41	28		15.67	12.72	11.52
33.0	1036	5.0			1.71	10.4		8.9	9.0	93		0.44	30		15.67	12.72	11.51
33.0	1036	6.0			1.74	10.6		8.9	9.0	94		0.54	36		15.67	12.72	11.51
33.0	1036	7.0			1.76	10.8		8.9	9.0	93		0.58	38		15.67	12.72	11.51
33.0	1036	8.0			1.77	10.8		8.9	9.0	93		0.58	38		15.67	12.72	11.51
33.0	1036	9.0			1.79	11.0		8.9	9.0	93		0.60	39		15.67	12.72	11.51
33.0	1036	10.0			1.80	11.1		8.9	9.0	93		0.59	38		15.67	12.72	11.51
33.0	1036	11.0			1.82	11.3		8.9	9.0	93		0.62	40		15.66	12.72	11.51
33.0	1036	12.0			1.84	11.4		8.9	8.9	93		0.69	44		15.66	12.72	11.51

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
33.0	1036	13.0			1.84	11.4		8.9	9.0	93		0.74	47		15.66	12.71	11.51
32.0	1045	1.0			1.68	10.2		9.0	9.1	95		0.12	11	1.5	15.68	12.84	11.50
32.0	1045	2.0	10.2	0.84	1.67	10.1	9.0	9.0	9.0	94	14.1	0.15	13		15.73	12.77	11.56
32.0	1045	3.0			1.67	10.1		8.9	9.0	94		0.22	16		15.79	12.77	11.60
32.0	1045	4.0			1.70	10.3		8.9	9.0	94		0.30	21		15.88	12.78	11.67
32.0	1045	5.0			1.72	10.5		8.9	9.0	94		0.42	28		15.90	12.78	11.69
32.0	1045	6.0			1.75	10.7		8.9	9.0	94		0.46	31		15.91	12.78	11.69
32.0	1045	7.0			1.79	11.0		8.9	8.9	93		0.46	31		15.91	12.78	11.69
32.0	1045	8.0			1.84	11.4		8.9	8.9	93		0.47	31		15.90	12.78	11.69
32.0	1045	9.0			1.90	11.8		8.9	9.0	94		0.47	32		15.90	12.78	11.69
32.0	1045	10.0			1.91	11.9		8.9	8.9	93		0.49	33		15.90	12.78	11.69
32.0	1045	11.0			1.90	11.8		8.9	8.9	93		0.49	32		15.90	12.78	11.69
32.0	1045	12.0			1.89	11.8		8.9	8.9	93		0.50	33		15.90	12.78	11.69
32.0	1045	13.0			1.88	11.7		8.9	8.9	93		0.55	36		15.90	12.78	11.69
32.0	1045	14.0			1.88	11.7		8.9	8.9	93		0.61	40		15.90	12.78	11.69
32.0	1045	15.0	11.7	0.80	1.88	11.7		8.9	8.9	93		0.69	45		15.90	12.78	11.69
31.0	1058	1.0			1.46	8.5		8.7	8.8	93		0.12	11	1.5	15.92	13.09	11.65
31.0	1058	2.0			1.52	8.9		8.7	8.8	92		0.17	14		16.00	12.76	11.77
31.0	1058	3.0			1.49	8.7		8.7	8.8	92		0.28	20		16.07	12.69	11.82
31.0	1058	4.0			1.46	8.5		8.7	8.8	92		0.32	23		16.11	12.70	11.86
31.0	1058	5.0			1.45	8.4		8.7	8.8	92		0.34	24		16.11	12.70	11.86
31.0	1058	6.0			1.48	8.7		8.7	8.8	92		0.42	28		16.17	12.73	11.90
31.0	1058	7.0			1.53	9.0		8.7	8.8	92		0.49	33		16.20	12.75	11.92
31.0	1058	8.0			1.57	9.3		8.7	8.8	92		0.49	33		16.20	12.75	11.92
31.0	1058	9.0			1.57	9.3		8.7	8.8	92		0.48	32		16.20	12.75	11.92
31.0	1058	10.0			1.59	9.4		8.7	8.8	92		0.54	36		16.20	12.76	11.92
31.0	1058	11.0			1.59	9.5		8.7	8.8	92		0.52	35		16.20	12.75	11.92
31.0	1058	12.0			1.59	9.5		8.7	8.8	92		0.57	38		16.20	12.75	11.92
31.0	1058	13.0			1.63	9.7		8.7	8.8	92		0.67	43		16.20	12.76	11.92
31.0	1058	14.0			1.67	10.1		8.7	8.8	92		0.71	46		16.20	12.76	11.92
31.0	1058	15.0			1.67	10.1		8.7	8.8	92		0.82	52		16.20	12.76	11.92
31.0	1058	16.0			1.66	10.0		8.7	8.8	92		0.92	58		16.20	12.76	11.92
30.0	1118	1.0			1.31	7.3		8.6	8.7	92		0.15	13	1.5	16.42	12.86	12.07
30.0	1118	2.0	7.6	0.86	1.35	7.6	8.7	8.6	8.7	91	14.7	0.19	15		16.42	12.80	12.08
30.0	1118	3.0			1.35	7.7		8.6	8.7	91		0.21	16		16.42	12.78	12.08
30.0	1118	4.0			1.36	7.7		8.6	8.7	91		0.25	18		16.42	12.76	12.08
30.0	1118	5.0			1.35	7.6		8.6	8.7	91		0.38	26		16.42	12.75	12.09
30.0	1118	6.0			1.37	7.8		8.6	8.7	91		0.38	26		16.42	12.75	12.09
30.0	1118	7.0			1.43	8.3		8.6	8.7	91		0.45	30		16.42	12.73	12.09
30.0	1118	8.0			1.47	8.6		8.6	8.7	91		0.55	36		16.42	12.73	12.09

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
30.0	1118	9.0			1.49	8.7		8.6	8.7	91		0.58	38		16.42	12.72	12.09
30.0	1118	10.0			1.50	8.8		8.6	8.7	91		0.65	42		16.42	12.72	12.09
30.0	1118	11.0			1.52	8.9		8.6	8.7	91		0.74	47		16.42	12.72	12.09
30.0	1118	12.0			1.51	8.9		8.6	8.7	91		0.79	50		16.42	12.72	12.09
30.0	1118	13.0			1.51	8.8		8.6	8.7	91		0.82	52		16.42	12.72	12.09
30.0	1118	14.0	8.5	0.68	1.51	8.9		8.6	8.7	91		0.82	52		16.42	12.72	12.09
29.5	1131	1.0			1.12	5.9		8.5	8.6	90		0.14	12	1.4	16.47	12.56	12.16
29.5	1131	2.0			1.15	6.1		8.5	8.6	90		0.16	13		16.55	12.47	12.23
29.5	1131	3.0			1.13	6.0		8.5	8.6	90		0.19	15		16.58	12.47	12.26
29.5	1131	4.0			1.12	5.9		8.5	8.6	90		0.24	18		16.68	12.55	12.32
29.5	1131	5.0			1.12	5.9		8.5	8.6	90		0.26	19		16.72	12.59	12.35
29.5	1131	6.0			1.11	5.8		8.5	8.6	90		0.29	21		16.78	12.63	12.39
29.5	1131	7.0			1.11	5.8		8.4	8.5	90		0.31	22		16.82	12.64	12.42
29.5	1131	8.0			1.13	6.0		8.4	8.6	90		0.31	22		16.83	12.65	12.42
29.5	1131	9.0			1.14	6.1		8.4	8.5	90		0.31	22		16.84	12.65	12.43
29.5	1131	10.0			1.14	6.0		8.4	8.5	90		0.32	23		16.84	12.65	12.43
29.5	1131	11.0			1.15	6.1		8.4	8.5	89		0.32	23		16.86	12.65	12.44
29.5	1131	12.0			1.14	6.0		8.4	8.5	89		0.36	25		16.87	12.65	12.45
29.5	1131	13.0			1.13	6.0		8.4	8.5	89		0.39	27		16.87	12.65	12.45
29.5	1131	14.0			1.14	6.0		8.4	8.5	89		0.40	27		16.87	12.65	12.45
29.5	1131	15.0			1.14	6.1		8.4	8.5	89		0.40	27		16.87	12.65	12.45
29.5	1131	16.0			1.17	6.3		8.4	8.5	89		0.40	27		16.88	12.65	12.46
29.5	1131	17.0			1.18	6.3		8.4	8.5	89		0.47	31		16.87	12.65	12.45
29.0	1150	1.0			1.11	5.8		8.7	8.7	92		0.06	7	1.2	16.68	12.90	12.27
29.0	1150	2.0			1.18	6.4		8.6	8.7	91		0.12	11		16.76	12.76	12.35
29.0	1150	3.0			1.20	6.5		8.5	8.6	90		0.15	12		16.82	12.72	12.40
29.0	1150	4.0			1.15	6.1		8.5	8.6	90		0.19	15		16.92	12.61	12.50
29.0	1150	5.0			1.09	5.7		8.5	8.6	90		0.21	16		16.94	12.58	12.51
29.0	1150	6.0			1.07	5.5		8.4	8.6	90		0.23	17		16.95	12.57	12.52
29.0	1150	7.0			1.06	5.4		8.4	8.5	89		0.24	18		16.95	12.56	12.53
29.0	1150	8.0			1.09	5.6		8.4	8.5	89		0.33	23		17.01	12.48	12.59
29.0	1150	9.0			1.13	5.9		8.4	8.6	89		0.38	26		17.03	12.47	12.60
29.0	1150	10.0			1.15	6.1		8.4	8.6	89		0.40	27		17.03	12.47	12.60
29.0	1150	11.0			1.17	6.2		8.4	8.5	89		0.40	27		17.03	12.46	12.61
29.0	1150	12.0			1.17	6.3		8.4	8.6	89		0.41	28		17.04	12.46	12.61
29.0	1150	13.0			1.16	6.2		8.4	8.6	89		0.41	28		17.05	12.46	12.62
29.0	1150	14.0			1.16	6.2		8.4	8.5	89		0.42	29		17.06	12.45	12.63
29.0	1150	15.0			1.15	6.1		8.4	8.5	89		0.44	29		17.07	12.45	12.64
29.0	1150	16.0			1.15	6.1		8.4	8.6	89		0.46	31		17.07	12.45	12.64

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
28.0	1205	1.0			0.99	4.9		8.5	8.6	90		0.09	9		17.10	12.77	12.61
28.0	1205	2.0			1.04	5.2		8.4	8.5	89		0.09	9		17.12	12.52	12.67
28.0	1205	3.0			1.01	5.0		8.4	8.5	89		0.12	11		17.17	12.42	12.72
28.0	1205	4.0			0.96	4.7		8.4	8.5	89		0.19	15		17.24	12.41	12.77
28.0	1205	5.0			0.92	4.3		8.4	8.5	89		0.24	18		17.36	12.44	12.86
28.0	1205	6.0			0.89	4.1		8.4	8.5	89		0.25	19		17.49	12.46	12.96
28.0	1205	7.0			0.87	4.0		8.4	8.5	89		0.26	19		17.60	12.46	13.04
28.0	1205	8.0			0.86	3.9		8.3	8.5	89		0.26	19		17.66	12.45	13.09
28.0	1205	9.0			0.84	3.7		8.3	8.5	89		0.29	21		17.69	12.45	13.11
28.0	1205	10.0			0.83	3.7		8.3	8.5	89		0.30	21		17.70	12.45	13.13
28.0	1205	11.0			0.84	3.8		8.3	8.5	89		0.31	22		17.71	12.45	13.13
28.0	1205	12.0			0.84	3.7		8.3	8.4	89		0.32	22		17.71	12.45	13.13
28.0	1205	13.0			0.83	3.7		8.3	8.4	89		0.32	23		17.71	12.45	13.13
28.0	1205	14.0			0.83	3.7		8.3	8.4	89		0.33	23		17.72	12.45	13.14
28.0	1205	15.0			0.83	3.7		8.3	8.4	89		0.32	23		17.72	12.45	13.14
28.0	1205	16.0			0.83	3.7		8.3	8.4	89		0.33	23		17.72	12.45	13.14
28.0	1205	17.0			0.83	3.6		8.3	8.4	89		0.41	28		17.72	12.45	13.14
27.0	1220	1.0			0.81	3.5		8.2	8.4	89		0.10	10	1.2	17.83	12.83	13.16
27.0	1220	2.0			0.82	3.6		8.3	8.4	89	10.6	0.10	10		17.85	12.63	13.21
27.0	1220	3.0	4.1	0.92	0.81	3.5	8.4	8.3	8.4	88		0.11	10		17.89	12.55	13.26
27.0	1220	4.0			0.80	3.4		8.2	8.4	88		0.12	11		17.92	12.50	13.29
27.0	1220	5.0			0.79	3.3		8.2	8.4	88		0.13	11		17.96	12.46	13.32
27.0	1220	6.0			0.76	3.1		8.2	8.4	88		0.14	12		18.01	12.43	13.37
27.0	1220	7.0			0.75	3.1		8.2	8.4	88		0.19	15		18.04	12.40	13.39
27.0	1220	8.0			0.75	3.1		8.3	8.4	88		0.27	19		18.05	12.39	13.40
27.0	1220	9.0			0.76	3.1		8.3	8.4	88		0.31	22		18.05	12.39	13.41
27.0	1220	10.0			0.76	3.2		8.3	8.4	88		0.34	24		18.07	12.39	13.42
27.0	1220	11.0			0.77	3.2		8.3	8.4	88		0.36	25		18.08	12.39	13.43
27.0	1220	12.0			0.77	3.2		8.3	8.4	88		0.36	25		18.10	12.39	13.44
27.0	1220	13.0			0.77	3.2		8.3	8.4	88		0.35	24		18.11	12.39	13.45
27.0	1220	14.0	3.5	0.84	0.77	3.2		8.3	8.4	88		0.35	24		18.10	12.39	13.45
26.0	1231	1.0			0.75	2.9		8.1	8.2	87		0.10	10	1.2	18.30	12.63	13.56
26.0	1231	2.0			0.76	3.1		8.1	8.3	87		0.11	10		18.36	12.49	13.63
26.0	1231	3.0			0.74	3.0		8.1	8.3	87		0.13	12		18.39	12.44	13.66
26.0	1231	4.0			0.72	2.8		8.1	8.3	87		0.16	13		18.42	12.43	13.68
26.0	1231	5.0			0.69	2.6		8.1	8.3	87		0.17	13		18.48	12.42	13.75
26.0	1231	6.0			0.67	2.5		8.1	8.3	87		0.17	14		18.59	12.42	13.81
26.0	1231	7.0			0.65	2.3		8.1	8.3	87		0.19	15		18.62	12.43	13.84
26.0	1231	8.0			0.65	2.3		8.1	8.3	87		0.21	16		18.62	12.43	13.84
26.0	1231	9.0			0.66	2.4		8.1	8.3	88		0.22	17		18.62	12.43	13.84
26.0	1231	10.0			0.68	2.5		8.1	8.3	88		0.22	16		18.63	12.43	13.85

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
26.0	1231	11.0			0.68	2.5		8.1	8.3	88		0.21	16		18.63	12.43	13.85
25.0	1248	1.0			0.64	2.2		8.2	8.3	88		0.13	11	1.4	18.61	12.61	13.80
25.0	1248	2.0			0.65	2.3		8.2	8.3	88		0.14	12		18.61	12.44	13.83
25.0	1248	3.0			0.64	2.2		8.2	8.3	88		0.17	14		18.61	12.43	13.83
25.0	1248	4.0			0.62	2.1		8.2	8.3	88		0.19	15		18.61	12.42	13.83
25.0	1248	5.0			0.62	2.1		8.2	8.4	88		0.20	16		18.61	12.41	13.83
25.0	1248	6.0			0.62	2.1		8.2	8.4	88		0.23	17		18.61	12.41	13.83
25.0	1248	7.0			0.62	2.1		8.2	8.4	88		0.24	18		18.62	12.41	13.84
25.0	1248	8.0			0.63	2.1		8.2	8.4	88		0.26	19		18.62	12.41	13.84
25.0	1248	9.0			0.63	2.1		8.3	8.4	88		0.28	20		18.63	12.41	13.85
24.0	1301	1.0			0.63	2.2		8.4	8.6	89		0.10	10	1.2	17.22	12.35	12.77
24.0	1301	2.0	3.4	0.90	0.65	2.3	8.5	8.5	8.6	89	9.2	0.10	10		17.53	12.22	13.03
24.0	1301	3.0			0.61	2.0		8.4	8.5	89		0.12	11		18.23	12.23	13.57
24.0	1301	4.0			0.58	1.8		8.4	8.5	89		0.13	12		18.66	12.29	13.89
24.0	1301	5.0			0.58	1.7		8.4	8.5	89		0.14	12		18.76	12.31	13.96
24.0	1301	6.0			0.58	1.7		8.4	8.5	90		0.15	12		18.87	12.35	14.04
24.0	1301	7.0			0.58	1.7		8.3	8.4	89		0.16	13		19.09	12.40	14.20
24.0	1301	8.0			0.58	1.7		8.3	8.4	89		0.18	14		19.15	12.41	14.24
24.0	1301	9.0			0.58	1.7		8.3	8.4	89		0.19	15		19.17	12.41	14.26
24.0	1301	10.0			0.58	1.7		8.3	8.4	89		0.20	15		19.27	12.43	14.34
24.0	1301	11.0			0.58	1.8		8.3	8.4	89		0.20	16		19.36	12.45	14.40
24.0	1301	12.0	1.8	0.75	0.58	1.8		8.3	8.4	89		0.30	21		19.36	12.44	14.41
23.0	1316	1.0			0.62	2.0		8.3	8.4	88		0.11	10	1.2	17.56	12.53	13.00
23.0	1316	2.0			0.64	2.2		8.2	8.4	88		0.12	11		17.60	12.42	13.05
23.0	1316	3.0			0.63	2.2		8.2	8.4	88		0.13	11		17.82	12.29	13.24
23.0	1316	4.0			0.61	2.0		8.3	8.4	88		0.14	12		18.03	12.26	13.41
23.0	1316	5.0			0.59	1.8		8.2	8.4	88		0.17	14		18.33	12.29	13.63
23.0	1316	6.0			0.56	1.6		8.2	8.4	88		0.19	15		18.65	12.28	13.88
23.0	1316	7.0			0.55	1.5		8.2	8.3	88		0.17	14		19.15	12.31	14.27
23.0	1316	8.0			0.54	1.5		8.2	8.3	88		0.17	13		19.44	12.34	14.49
23.0	1316	9.0			0.55	1.5		8.2	8.3	88		0.15	13		19.67	12.33	14.66
23.0	1316	10.0			0.55	1.5		8.2	8.3	88		0.15	13		19.79	12.33	14.75
23.0	1316	11.0			0.56	1.6		8.2	8.3	89		0.14	12		20.13	12.34	15.02
23.0	1316	12.0			0.57	1.7		8.2	8.3	89		0.15	12		20.56	12.37	15.34
23.0	1316	13.0			0.56	1.6		8.1	8.3	89		0.14	12		20.83	12.40	15.55
23.0	1316	14.0			0.57	1.7		8.1	8.3	89		0.15	13		21.01	12.40	15.69
23.0	1316	15.0			0.58	1.8		8.1	8.3	89		0.20	16		21.33	12.41	15.93
23.0	1316	16.0			0.60	1.9		8.1	8.3	89		0.43	29		21.45	12.43	16.02
23.0	1316	17.0			0.60	1.9		8.1	8.3	89		0.69	44		21.32	12.41	15.92

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	1333	1.0			0.61	2.0		8.4	8.4	8.5		0.09	9	1.4	17.48	12.49	12.95
22.0	1333	2.0			0.60	1.9		8.4	8.4	8.6		0.11	10		17.73	12.29	13.17
22.0	1333	3.0			0.59	1.8		8.4	8.4	8.5		0.12	11		18.63	12.30	13.87
22.0	1333	4.0			0.57	1.7		8.3	8.3	8.4		0.12	11		19.67	12.29	14.67
22.0	1333	5.0			0.55	1.5		8.3	8.3	8.4		0.11	10		20.31	12.29	15.16
22.0	1333	6.0			0.54	1.4		8.3	8.3	8.4		0.11	10		20.76	12.32	15.51
22.0	1333	7.0			0.53	1.4		8.3	8.3	8.4		0.11	10		21.39	12.36	15.98
22.0	1333	8.0			0.53	1.4		8.2	8.2	8.4		0.12	11		21.60	12.38	16.14
22.0	1333	9.0			0.53	1.4		8.2	8.2	8.4		0.12	11		21.71	12.39	16.23
22.0	1333	10.0			0.54	1.5		8.2	8.2	8.4		0.13	11		21.86	12.40	16.34
22.0	1333	11.0			0.55	1.6		8.2	8.2	8.4		0.14	12		22.06	12.41	16.50
22.0	1333	12.0			0.56	1.6		8.2	8.2	8.3		0.15	13		22.45	12.43	16.79
22.0	1333	13.0			0.57	1.7		8.2	8.2	8.3		0.17	14		22.59	12.44	16.90
22.0	1333	14.0			0.58	1.8		8.2	8.2	8.3		0.17	14		22.68	12.44	16.97
22.0	1333	15.0			0.61	2.0		8.2	8.2	8.3		0.21	16		22.92	12.46	17.15
22.0	1333	16.0			0.63	2.2		8.2	8.2	8.3		0.37	25		23.00	12.46	17.21
22.0	1333	17.0			0.64	2.3		8.1	8.1	8.3		0.41	28		23.05	12.47	17.25
22.0	1333	18.0			0.66	2.4		8.1	8.1	8.3		0.57	37		23.10	12.47	17.29
22.0	1333	19.0			0.67	2.5		8.1	8.1	8.3		0.69	45		23.12	12.47	17.31
22.0	1333	20.0			0.68	2.5		8.1	8.1	8.3		0.85	54		23.20	12.47	17.37
21.0	1344	1.0			0.63	2.2		8.3	8.3	8.4		0.10	10	1.2	19.29	12.62	14.32
21.0	1344	2.0	2.5	0.94	0.64	2.3	8.5	8.3	8.3	8.4	8.2	0.10	10		19.53	12.34	14.55
21.0	1344	3.0			0.65	2.3		8.3	8.3	8.4		0.10	10		19.52	12.34	14.55
21.0	1344	4.0			0.63	2.1		8.3	8.3	8.4		0.11	10		19.63	12.27	14.64
21.0	1344	5.0			0.60	1.9		8.3	8.3	8.4		0.11	10		19.70	12.24	14.70
21.0	1344	6.0			0.58	1.8		8.3	8.3	8.4		0.12	11		19.81	12.25	14.79
21.0	1344	7.0			0.56	1.6		8.3	8.3	8.4		0.14	12		20.04	12.28	14.96
21.0	1344	8.0			0.55	1.5		8.3	8.3	8.4		0.14	12		20.29	12.31	15.14
21.0	1344	9.0			0.53	1.4		8.3	8.3	8.4		0.13	11		20.75	12.34	15.50
21.0	1344	10.0			0.53	1.4		8.2	8.2	8.4		0.12	11		22.00	12.39	16.45
21.0	1344	11.0			0.54	1.5		8.2	8.2	8.3		0.13	11		22.76	12.43	17.03
21.0	1344	12.0			0.54	1.5		8.2	8.2	8.3		0.13	12		23.01	12.45	17.22
21.0	1344	13.0			0.54	1.5		8.2	8.2	8.3		0.14	12		23.06	12.45	17.26
21.0	1344	14.0			0.55	1.5		8.2	8.2	8.3		0.15	13		23.30	12.46	17.44
21.0	1344	15.0			0.57	1.7		8.2	8.2	8.3		0.20	15		23.53	12.47	17.62
21.0	1344	16.0			0.59	1.9		8.1	8.1	8.3		0.28	20		23.84	12.48	17.86
21.0	1344	17.0			0.60	1.9		8.1	8.1	8.3		0.33	23		24.05	12.49	18.02
21.0	1344	18.0			0.61	2.0		8.1	8.1	8.3		0.37	25		24.10	12.49	18.06
21.0	1344	19.0	0.1	0.04	0.60	1.9		8.1	8.1	8.3		0.38	26		24.27	12.49	18.19


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South San Francisco Bay ..... 15 February 1995 ..... Year Day: 95046 .....
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n ..... r^2 ..... Slope ..... Inter. ..... Std. Err.
.....
Fluorometer Calibration: ..... 10 ..... 0.963 ..... 7.637 ..... -2.666 ..... 0.793
OBS Calibration: ..... 6 ..... 0.989 ..... 59.101 ..... 3.650 ..... 1.124
Dissolved Oxygen Calibration: ..... 6 ..... 0.969 ..... 0.864 ..... 1.267 ..... 0.067
.....

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Seabird v4..026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	STGT
36.0	1446	1.0						13.3	13.0	140		0.24	18	2.5	12.21	15.26	8.43
36.0	1446	2.0	37.2	0.79			12.2	13.4	13.1	140	19.2	0.23	17		12.73	14.87	8.90
36.0	1446	3.0						13.5	13.2	142		0.23	17		12.94	14.90	9.05
36.0	1446	4.0						13.7	13.3	143		0.23	17		13.01	14.90	9.11
36.0	1446	5.0						13.7	13.4	144		0.20	16		13.05	14.89	9.14
36.0	1446	6.0						13.8	13.5	145		0.18	15		13.05	14.90	9.14
36.0	1446	7.0						13.9	13.5	145		0.18	14		13.07	14.91	9.15
36.0	1446	8.0	40.3	0.75				13.9	13.5	145		0.18	14		13.07	14.91	9.15
35.0	1436	1.0						14.0	13.7	147		0.10	9	1.8	13.38	14.78	9.41
35.0	1436	2.0						13.9	13.6	146		0.09	9		13.45	14.72	9.47
35.0	1436	3.0						13.7	13.4	144		0.10	9		13.49	14.67	9.51
35.0	1436	4.0						13.5	13.2	142		0.11	10		13.53	14.58	9.56
35.0	1436	5.0						13.4	13.1	140		0.14	12		13.54	14.53	9.58
35.0	1436	6.0						13.3	13.0	139		0.17	14		13.55	14.52	9.58
35.0	1436	7.0						13.3	13.0	139		0.18	14		13.55	14.52	9.58
35.0	1436	8.0						13.2	12.9	138		0.19	15		13.55	14.51	9.59
35.0	1436	9.0						13.3	13.0	139		0.20	15		13.55	14.52	9.59
33.0	1414	1.0						14.9	14.4	155		0.03	5	1.6	14.38	14.71	10.19
33.0	1414	2.0						14.2	13.8	148		0.03	5		14.40	14.40	10.26
33.0	1414	3.0			5.72	36.1		13.6	13.3	142		0.05	6		14.43	14.18	10.32
33.0	1414	4.0			5.24	32.9		13.4	13.1	140		0.06	7		14.50	14.13	10.38
33.0	1414	5.0			5.01	31.4		13.4	13.1	140		0.06	7		14.60	14.13	10.46
33.0	1414	6.0			4.85	30.4		13.3	13.0	139		0.05	7		14.72	14.10	10.56
33.0	1414	7.0			4.78	30.0		13.1	12.8	137		0.05	7		14.80	14.02	10.63
33.0	1414	8.0			4.67	29.2		13.0	12.8	136		0.06	7		14.91	13.96	10.73
33.0	1414	9.0			4.66	29.1		13.0	12.8	136		0.06	7		15.04	13.94	10.83
33.0	1414	10.0			4.83	30.3		13.0	12.8	136		0.07	7		15.09	13.95	10.86
33.0	1414	11.0			4.98	31.3		13.0	12.8	136		0.08	8		15.11	13.96	10.88
33.0	1414	12.0			4.96	31.1		13.1	12.8	137		0.10	9		15.13	13.97	10.90
32.0	1405	1.0			5.45	34.3		13.9	13.6	146		0.05	6	1.3	14.83	14.54	10.56
32.0	1405	2.0	36.6	0.80	4.95	34.1	13.8	13.5	13.2	141	6.5	0.07	7		14.93	14.11	10.71
32.0	1405	3.0			4.95	31.0		13.1	12.9	137		0.05	6		15.12	13.93	10.89
32.0	1405	4.0			4.66	29.2		13.2	12.9	138		0.06	7		15.15	13.90	10.92
32.0	1405	5.0			4.98	31.3		13.5	13.2	141		0.08	8		15.25	14.03	10.98
32.0	1405	6.0			5.57	35.1		13.7	13.4	144		0.11	10		15.37	14.27	11.03
32.0	1405	7.0			6.07	38.3		13.9	13.5	146		0.14	12		15.44	14.43	11.05
32.0	1405	8.0						13.9	13.5	147		0.18	14		15.49	14.57	11.06
32.0	1405	9.0						13.8	13.5	146		0.25	18		15.50	14.60	11.07
32.0	1405	10.0						13.8	13.5	146		0.26	19		15.49	14.57	11.07
32.0	1405	11.0						13.7	13.4	145		0.27	20		15.50	14.59	11.07

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	1405	12.0					13.6	13.3	144		0.30	22		15.48	14.52	11.07
32.0	1405	13.0	41.3	0.68			13.7	13.4	145		0.38	26		15.46	14.47	11.06
31.0	1349	1.0			4.42	27.6	13.1	12.8	137		0.03	5	1.4	15.08	13.98	10.85
31.0	1349	2.0			4.42	27.6	12.8	12.6	134		0.03	5		15.17	13.90	10.94
31.0	1349	3.0			4.34	27.1	12.6	12.4	132		0.05	6		15.25	13.89	11.00
31.0	1349	4.0			4.27	26.6	12.6	12.4	132		0.07	7		15.35	13.84	11.08
31.0	1349	5.0			4.13	25.7	12.5	12.3	131		0.07	8		15.42	13.82	11.14
31.0	1349	6.0			4.04	25.1	12.5	12.3	131		0.08	8		15.52	13.79	11.23
31.0	1349	7.0			4.11	25.6	12.5	12.3	131		0.10	10		15.53	13.79	11.23
31.0	1349	8.0			4.30	26.8	12.4	12.3	131		0.14	12		15.54	13.79	11.24
31.0	1349	9.0			4.48	28.0	12.4	12.2	130		0.16	13		15.54	13.78	11.24
31.0	1349	10.0			4.54	28.4	12.4	12.2	130		0.16	13		15.55	13.78	11.25
31.0	1349	11.0			4.57	28.6	12.4	12.2	130		0.19	15		15.55	13.78	11.25
31.0	1349	12.0			4.60	28.8	12.3	12.2	130		0.23	18		15.55	13.77	11.25
31.0	1349	13.0			4.59	28.7	12.3	12.2	130		0.26	20		15.56	13.77	11.26
30.0	1329	1.0			4.03	25.1	12.8	12.5	134		0.03	5	1.3	15.65	13.83	11.32
30.0	1329	2.0	23.0	0.67	3.98	24.7	12.4	12.3	131	9.7	0.04	6		15.75	13.72	11.42
30.0	1329	3.0			3.81	23.6	12.2	12.1	129		0.05	6		15.84	13.66	11.49
30.0	1329	4.0			3.75	23.3	12.2	12.0	128		0.06	7		15.85	13.65	11.50
30.0	1329	5.0			3.64	22.5	12.1	12.0	128		0.07	7		15.88	13.64	11.53
30.0	1329	6.0			3.47	21.4	12.1	11.9	127		0.08	8		15.93	13.62	11.57
30.0	1329	7.0			3.43	21.2	12.0	11.9	127		0.09	8		15.99	13.61	11.62
30.0	1329	8.0			3.48	21.5	12.0	11.9	126		0.08	8		16.03	13.60	11.65
30.0	1329	9.0			3.68	22.8	11.9	11.8	126		0.08	8		16.06	13.58	11.67
30.0	1329	10.0			3.95	24.6	11.9	11.7	125		0.09	8		16.11	13.55	11.72
30.0	1329	11.0			3.97	24.7	11.8	11.7	125		0.13	11		16.11	13.55	11.72
30.0	1329	12.0	21.0	0.70	3.90	24.3	11.9	11.8	125		0.24	18		16.12	13.54	11.72
29.5	1315	1.0			3.65	22.6	11.8	11.7	125		0.05	7	1.3	16.03	13.62	11.65
29.5	1315	2.0			3.59	22.2	11.7	11.6	124		0.06	7		16.07	13.58	11.68
29.5	1315	3.0			3.56	22.0	11.7	11.6	124		0.06	7		16.10	13.58	11.70
29.5	1315	4.0			3.52	21.8	11.7	11.6	123		0.06	7		16.13	13.57	11.73
29.5	1315	5.0			3.44	21.2	11.6	11.5	123		0.07	8		16.17	13.54	11.76
29.5	1315	6.0			3.21	19.8	11.4	11.4	121		0.07	8		16.19	13.51	11.79
29.5	1315	7.0			3.05	18.7	11.4	11.3	120		0.09	8		16.24	13.47	11.83
29.5	1315	8.0			2.94	18.0	11.3	11.3	120		0.10	9		16.26	13.46	11.85
29.5	1315	9.0			2.88	17.6	11.3	11.2	119		0.10	9		16.29	13.44	11.88
29.5	1315	10.0			2.95	18.0	11.2	11.2	119		0.10	9		16.31	13.43	11.89
29.5	1315	11.0			3.03	18.5	11.1	11.1	118		0.10	10		16.36	13.42	11.93
29.5	1315	12.0			3.07	18.8	11.1	11.1	118		0.11	10		16.42	13.39	11.99
29.5	1315	13.0			3.23	19.9	11.0	11.0	117		0.17	13		16.53	13.37	12.07

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	EXCOF	SALIN	TEMP	SIGT
29.5	1315	14.0			3.41	21.1		11.0	11.0	117		0.32		16.53	13.37	12.08
29.5	1315	15.0			3.38	20.9		11.1	11.1	118		0.73		16.54	13.37	12.08
29.0	1253	1.0			4.26	26.6		12.9	12.6	135		0.05	1.3	16.23	13.80	11.77
29.0	1253	2.0			4.02	25.0		12.3	12.1	129		0.04		16.25	13.58	11.82
29.0	1253	3.0			3.41	21.0		11.8	11.7	125		0.05		16.30	13.46	11.88
29.0	1253	4.0			3.09	18.9		11.7	11.6	123		0.07		16.38	13.43	11.94
29.0	1253	5.0			2.97	18.1		11.6	11.5	123		0.08		16.44	13.42	11.99
29.0	1253	6.0			2.94	18.0		11.6	11.5	122		0.08		16.49	13.42	12.03
29.0	1253	7.0			2.94	18.0		11.5	11.5	122		0.08		16.53	13.41	12.06
29.0	1253	8.0			2.94	18.0		11.4	11.4	121		0.09		16.56	13.40	12.09
29.0	1253	9.0			2.89	17.7		11.3	11.3	120		0.10		16.59	13.38	12.12
29.0	1253	10.0			2.80	17.1		11.2	11.2	119		0.10		16.64	13.34	12.16
29.0	1253	11.0			2.74	16.7		11.2	11.1	118		0.11		16.67	13.33	12.19
29.0	1253	12.0			2.71	16.5		11.1	11.1	118		0.11		16.70	13.33	12.21
29.0	1253	13.0			2.73	16.6		11.1	11.1	118		0.11		16.72	13.32	12.23
29.0	1253	14.0			2.77	16.8		11.1	11.1	118		0.12		16.73	13.32	12.23
28.0	1237	1.0			3.41	21.1		11.5	11.4	122		0.04	1.2	16.51	13.60	12.02
28.0	1237	2.0			3.34	20.6		11.4	11.3	120		0.05		16.54	13.48	12.06
28.0	1237	3.0			3.16	19.4		11.2	11.2	119		0.07		16.59	13.41	12.11
28.0	1237	4.0			2.97	18.2		11.1	11.1	118		0.07		16.63	13.39	12.15
28.0	1237	5.0			2.83	17.3		11.0	11.0	117		0.08		16.66	13.37	12.17
28.0	1237	6.0			2.76	16.8		11.0	11.0	117		0.09		16.68	13.36	12.19
28.0	1237	7.0			2.70	16.4		10.9	11.0	116		0.12		16.69	13.36	12.20
28.0	1237	8.0			2.68	16.3		10.9	10.9	116		0.12		16.71	13.36	12.21
28.0	1237	9.0			2.76	16.8		10.9	10.9	116		0.15		16.74	13.36	12.23
28.0	1237	10.0			2.87	17.5		10.9	10.9	116		0.17		16.77	13.37	12.26
28.0	1237	11.0			2.98	18.2		10.9	10.9	117		0.19		16.82	13.38	12.29
28.0	1237	12.0			3.05	18.7		11.0	11.0	117		0.19		16.86	13.40	12.32
28.0	1237	13.0			3.14	19.3		11.0	11.0	118		0.18		16.88	13.42	12.34
28.0	1237	14.0			3.28	20.2		11.0	11.0	118		0.17		16.99	13.47	12.41
28.0	1237	15.0			3.29	20.2		11.0	11.0	117		0.17		17.09	13.48	12.48
27.0	1223	1.0			2.74	16.7		11.0	11.0	117		0.04	1.2	16.75	13.40	12.23
27.0	1223	2.0			2.64	16.1	10.9	10.9	10.9	116	4.8	0.06		16.80	13.36	12.28
27.0	1223	3.0			2.58	15.6		10.8	10.8	115		0.08		16.84	13.36	12.31
27.0	1223	4.0			2.59	15.7		10.8	10.8	115		0.11		16.88	13.37	12.34
27.0	1223	5.0			2.60	15.8		10.8	10.8	115		0.13		16.90	13.38	12.35
27.0	1223	6.0			2.60	15.8		10.8	10.8	115		0.13		16.92	13.39	12.37
27.0	1223	7.0			2.61	15.8		10.8	10.8	115		0.15		16.94	13.40	12.39
27.0	1223	8.0			2.65	16.1		10.8	10.8	115		0.16		16.95	13.40	12.39
27.0	1223	9.0			2.64	16.0		10.8	10.8	115		0.17		16.96	13.41	12.40

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
27.0	1223	10.0			2.70	16.4		10.8	115		0.20	15		16.98	13.41	12.41
27.0	1223	11.0			2.83	17.2		10.7	115		0.24	18		16.99	13.41	12.42
27.0	1223	12.0	17.9	0.67	2.81	17.1		10.7	115		0.25	18		16.99	13.42	12.42
26.0	1209	1.0			3.07	18.8		11.1	119		0.08	8	1.3	17.22	13.60	12.56
26.0	1209	2.0			3.08	18.9		11.1	119		0.09	9		17.24	13.58	12.59
26.0	1209	3.0			3.05	18.7		11.1	118		0.11	10		17.25	13.57	12.59
26.0	1209	4.0			3.01	18.5		11.1	118		0.12	11		17.26	13.57	12.60
26.0	1209	5.0			3.02	18.5		11.0	118		0.12	11		17.27	13.57	12.60
26.0	1209	6.0			3.06	18.7		11.0	118		0.14	12		17.29	13.57	12.62
26.0	1209	7.0			3.08	18.9		11.0	118		0.21	16		17.30	13.58	12.63
26.0	1209	8.0			3.11	19.1		11.0	118		0.25	19		17.31	13.58	12.64
26.0	1209	9.0			3.17	19.5		11.0	118		0.26	19		17.32	13.58	12.64
26.0	1209	10.0			3.25	20.0		11.0	118		0.27	20		17.32	13.58	12.64
26.0	1209	11.0			3.25	20.0		11.0	118		0.27	20		17.32	13.58	12.64
25.0	1153	1.0			1.89	11.1		9.4	103		0.19	15	1.6	17.72	13.44	12.98
25.0	1153	2.0			1.86	10.9		9.4	103		0.22	17		17.73	13.42	12.98
25.0	1153	3.0			1.75	10.2		9.3	102		0.27	20		17.73	13.41	12.99
25.0	1153	4.0			1.67	9.7		9.3	102		0.29	21		17.73	13.40	12.99
25.0	1153	5.0			1.62	9.4		9.3	102		0.28	21		17.73	13.40	12.99
25.0	1153	6.0			1.63	9.5		9.3	102		0.32	23		17.74	13.39	13.00
25.0	1153	7.0			1.64	9.5		9.3	102		0.34	24		17.74	13.39	13.00
25.0	1153	8.0			1.63	9.5		9.3	102		0.38	27		17.74	13.39	13.00
24.0	1135	1.0			0.73	3.6		8.2	85		0.17	14	1.4	18.33	13.12	13.50
24.0	1135	2.0	3.3	0.68	0.72	3.5	8.6	8.2	85	14.9	0.22	16		18.35	13.09	13.52
24.0	1135	3.0			0.69	3.4		8.2	85		0.23	17		18.37	13.08	13.53
24.0	1135	4.0			0.68	3.3		8.2	85		0.24	18		18.38	13.08	13.54
24.0	1135	5.0			0.68	3.3		8.2	85		0.26	19		18.40	13.07	13.56
24.0	1135	6.0			0.69	3.3		8.2	85		0.28	21		18.42	13.06	13.58
24.0	1135	7.0			0.71	3.5		8.2	85		0.28	21		18.46	13.05	13.61
24.0	1135	8.0			0.72	3.6		8.2	85		0.32	23		18.50	13.04	13.65
24.0	1135	9.0			0.72	3.6		8.2	85		0.33	23		18.55	13.03	13.68
24.0	1135	10.0	3.1	0.55	0.72	3.6		8.2	85		0.35	25		18.57	13.02	13.70
23.0	1118	1.0			1.12	6.1		8.4	88		0.13	11	1.3	18.53	13.16	13.65
23.0	1118	2.0			1.13	6.2		8.4	88		0.13	11		18.52	13.16	13.64
23.0	1118	3.0			1.07	5.8		8.4	88		0.12	10		18.54	13.16	13.66
23.0	1118	4.0			0.94	5.0		8.4	87		0.11	10		18.56	13.15	13.67
23.0	1118	5.0			0.82	4.2		8.3	86		0.17	13		18.62	13.04	13.74
23.0	1118	6.0			0.76	3.8		8.3	86		0.23	17		18.66	13.01	13.77
23.0	1118	7.0			0.74	3.7		8.3	86		0.24	18		18.70	13.01	13.80

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
23.0	1118	8.0			0.75	3.8		8.3	8.6	92		0.20	16		18.75	13.01	13.84
23.0	1118	9.0			0.75	3.8		8.3	8.6	92		0.19	15		18.92	12.98	13.98
23.0	1118	10.0			0.75	3.7		8.3	8.6	92		0.20	16		18.95	12.98	14.00
23.0	1118	11.0			0.75	3.8		8.3	8.6	92		0.20	15		19.02	12.97	14.05
23.0	1118	12.0			0.76	3.8		8.3	8.6	92		0.20	15		19.09	12.95	14.11
23.0	1118	13.0			0.75	3.8		8.2	8.6	92		0.20	16		19.19	12.93	14.19
23.0	1118	14.0			0.72	3.5		8.2	8.5	91		0.20	16		20.15	12.86	14.95
23.0	1118	15.0			0.71	3.5		8.2	8.5	92		0.19	15		21.17	12.80	15.74
22.0	1059	1.0			0.69	3.4		8.2	8.6	91		0.01	4	0.8	18.74	12.87	13.85
22.0	1059	2.0			0.66	3.1		8.3	8.6	92		0.03	5		19.15	12.85	14.17
22.0	1059	3.0			0.63	3.0		8.2	8.6	91		0.04	5		19.29	12.86	14.28
22.0	1059	4.0			0.62	2.9		8.2	8.5	91		0.04	6		19.32	12.86	14.31
22.0	1059	5.0			0.61	2.9		8.2	8.5	91		0.05	6		19.47	12.85	14.42
22.0	1059	6.0			0.60	2.8		8.2	8.5	91		0.05	6		19.71	12.85	14.61
22.0	1059	7.0			0.59	2.7		8.1	8.5	91		0.05	7		20.08	12.83	14.90
22.0	1059	8.0			0.58	2.6		8.1	8.5	91		0.07	7		20.49	12.80	15.22
22.0	1059	9.0			0.57	2.6		8.1	8.4	91		0.08	8		20.73	12.79	15.40
22.0	1059	10.0			0.58	2.6		8.1	8.4	91		0.09	8		20.97	12.78	15.59
22.0	1059	11.0			0.58	2.6		8.1	8.4	91		0.09	9		21.17	12.78	15.75
22.0	1059	12.0			0.58	2.7		8.0	8.4	91		0.10	10		21.57	12.78	16.06
22.0	1059	13.0			0.58	2.6		8.0	8.4	91		0.11	10		22.14	12.78	16.49
22.0	1059	14.0			0.57	2.6		8.0	8.3	91		0.12	10		22.81	12.78	17.01
22.0	1059	15.0			0.57	2.6		8.0	8.3	91		0.12	10		23.03	12.78	17.18
22.0	1059	16.0			0.57	2.6		7.9	8.3	91		0.12	10		23.26	12.78	17.36
22.0	1059	17.0			0.56	2.5		7.9	8.3	91		0.11	10		23.77	12.78	17.75
22.0	1059	18.0			0.57	2.6		7.9	8.3	91		0.12	11		24.09	12.78	18.00
21.0	1038	1.0			0.90	4.7		8.7	9.0	96		0.04	6	0.9	18.04	13.20	13.26
21.0	1038	2.0	5.2	0.81	0.84	4.3	8.8	8.6	8.9	95	4.4	0.05	6		18.29	13.11	13.47
21.0	1038	3.0			0.78	3.9		8.5	8.8	94		0.05	6		18.45	13.08	13.60
21.0	1038	4.0			0.74	3.7		8.5	8.8	94		0.05	6		18.63	13.05	13.74
21.0	1038	5.0			0.71	3.5		8.4	8.7	93		0.06	7		18.99	12.99	14.03
21.0	1038	6.0			0.68	3.3		8.4	8.7	93		0.05	6		19.33	12.92	14.30
21.0	1038	7.0			0.66	3.2		8.3	8.7	93		0.05	6		19.62	12.87	14.53
21.0	1038	8.0			0.65	3.1		8.3	8.6	93		0.07	8		20.03	12.84	14.86
21.0	1038	9.0			0.64	3.0		8.3	8.6	93		0.10	9		20.37	12.83	15.12
21.0	1038	10.0			0.65	3.1		8.3	8.6	93		0.12	11		20.44	12.83	15.17
21.0	1038	11.0			0.65	3.1		8.3	8.6	93		0.14	12		20.46	12.84	15.19
21.0	1038	12.0			0.67	3.2		8.3	8.6	93		0.15	13		20.58	12.85	15.28
21.0	1038	13.0			0.69	3.4		8.2	8.6	93		0.17	13		21.00	12.85	15.60
21.0	1038	14.0			0.69	3.4		8.2	8.5	93		0.17	14		21.52	12.85	16.00
21.0	1038	15.0			0.69	3.4		8.2	8.5	92		0.18	14		21.74	12.85	16.18

South San Francisco Bay 22 February 1995 95053

STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA		CHL a	OXYG	OXYG	OXYG	OXYG	SAT	SPM	SPM	SPM				
21.0	1038	16.0			0.68	3.3		8.1	8.1	8.5	92		0.18	14		22.83	12.83	17.02
21.0	1038	17.0			0.64	3.0		8.0	8.0	8.4	92		0.17	14		23.92	12.81	17.86
21.0	1038	18.0	3.1	0.60	0.63	3.0		8.0	8.0	8.4	95		0.17	14		24.40	12.80	18.24

Fluorometer Calibration: OBS Calibration: Dissolved Oxygen Calibration:

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	9	0.978	6.502	-1.134	1.844
OBS Calibration:	6	0.834	61.575	3.195	2.728
Dissolved Oxygen Calibration:	6	0.950	0.878	1.345	0.528

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1045	1.0						12.7	12.3	133		0.35	29	2.8	15.23	14.63	10.85
36.0	1045	2.0	61.9	0.81			12.2	12.7	12.2	132	29.7	0.36	30		15.31	14.61	10.92
36.0	1045	3.0						12.6	12.1	131		0.38	32		15.36	14.59	10.96
36.0	1045	4.0						12.6	12.1	131		0.37	31		15.44	14.57	11.03
36.0	1045	5.0						12.5	12.1	131		0.37	31		15.49	14.56	11.07
36.0	1045	6.0						12.5	12.1	131		0.36	30		15.53	14.55	11.10
36.0	1045	7.0						12.5	12.0	130		0.38	32		15.58	14.54	11.14
36.0	1045	8.0						12.5	12.0	130		0.41	33		15.60	14.54	11.15
36.0	1045	9.0	57.6	0.80				12.5	12.0	131		0.45	36		15.60	14.55	11.15
35.0	1056	1.0						12.1	11.7	126		0.25	22	2.4	16.08	14.38	11.56
35.0	1056	2.0						12.0	11.6	125		0.28	24		16.13	14.37	11.59
35.0	1056	3.0						11.9	11.6	125		0.34	28		16.15	14.36	11.61
35.0	1056	4.0						11.9	11.5	125		0.35	30		16.16	14.36	11.62
35.0	1056	5.0						11.9	11.5	125		0.37	31		16.16	14.36	11.62
35.0	1056	6.0						11.9	11.6	125		0.36	30		16.16	14.36	11.61
35.0	1056	7.0						11.9	11.6	125		0.36	30		16.16	14.36	11.62
35.0	1056	8.0						11.9	11.6	125		0.37	31		16.16	14.36	11.62
35.0	1056	9.0						11.9	11.5	125		0.39	32		16.16	14.36	11.62
35.0	1056	10.0						11.9	11.5	125		0.45	37		16.16	14.36	11.61
35.0	1056	11.0						11.9	11.5	125		0.51	40		16.16	14.36	11.62
34.0	1106	1.0						11.8	11.4	124		0.24	22	2.3	16.12	14.35	11.59
34.0	1106	2.0						11.7	11.3	123		0.27	24		16.26	14.32	11.70
34.0	1106	3.0						11.6	11.3	122		0.32	27		16.30	14.31	11.73
34.0	1106	4.0						11.6	11.3	122		0.39	32		16.31	14.31	11.74
34.0	1106	5.0						11.6	11.3	122		0.50	40		16.32	14.31	11.74
34.0	1106	6.0						11.6	11.3	122		0.50	40		16.32	14.31	11.74
34.0	1106	7.0						11.6	11.3	122		0.54	42		16.31	14.31	11.74
34.0	1106	8.0						11.7	11.3	122		0.56	44		16.31	14.31	11.74
34.0	1106	9.0						11.7	11.3	122		0.57	45		16.31	14.31	11.74
34.0	1106	10.0						11.6	11.3	122		0.57	45		16.30	14.32	11.73
33.0	1122	1.0			5.84	36.5		11.7	11.4	123		0.17	17	2.0	16.46	14.28	11.86
33.0	1122	2.0			5.82	36.3		11.5	11.1	121		0.19	18		16.61	14.23	11.98
33.0	1122	3.0			5.67	35.4		11.3	11.0	119		0.21	20		16.69	14.20	12.05
33.0	1122	4.0			5.47	34.1		11.3	10.9	119		0.23	21		16.74	14.19	12.09
33.0	1122	5.0			5.44	33.9		11.2	10.9	118		0.24	22		16.85	14.16	12.18
33.0	1122	6.0			5.53	34.5		11.2	10.9	118		0.24	21		16.86	14.16	12.19
33.0	1122	7.0			5.65	35.3		11.2	10.9	118		0.24	21		16.85	14.16	12.19
33.0	1122	8.0			5.78	36.1		11.2	10.9	118		0.24	21		16.85	14.16	12.18
33.0	1122	9.0			5.68	35.5		11.1	10.8	117		0.22	20		16.90	14.14	12.22
33.0	1122	10.0			5.28	32.8		11.0	10.8	116		0.21	19		16.99	14.12	12.30

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South San Francisco Bay

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
33.0	1122	11.0			4.91	30.4		10.9	10.6		0.25	22		17.12	14.09	12.40
33.0	1122	12.0			4.72	29.2		10.9	10.6		0.29	25		17.14	14.09	12.41
33.0	1122	13.0			4.63	28.6		10.8	10.5		0.36	30		17.16	14.09	12.43
33.0	1122	14.0			4.50	27.7		10.8	10.5		0.60	47		17.17	14.09	12.44
33.0	1122	15.0			4.45	27.4		10.8	10.5		0.82	63		17.18	14.09	12.44
32.0	1130	1.0			4.56	28.1		10.9	10.6		0.19	18	1.9	16.95	14.15	12.26
32.0	1130	2.0	27.2	0.81	4.25	26.1	10.6	10.7	10.5	19.4	0.19	18		17.23	14.06	12.49
32.0	1130	3.0			4.00	24.4		10.6	10.4		0.22	20		17.28	14.05	12.53
32.0	1130	4.0			3.86	23.6		10.6	10.4		0.24	22		17.30	14.04	12.54
32.0	1130	5.0			3.88	23.6		10.6	10.4		0.26	23		17.31	14.04	12.55
32.0	1130	6.0			3.90	23.8		10.6	10.3		0.28	25		17.32	14.04	12.56
32.0	1130	7.0			4.04	24.7		10.6	10.3		0.31	26		17.33	14.03	12.57
32.0	1130	8.0			4.15	25.4		10.5	10.3		0.31	27		17.35	14.03	12.59
32.0	1130	9.0			4.12	25.2		10.5	10.3		0.35	29		17.35	14.03	12.59
32.0	1130	10.0			4.04	24.7		10.5	10.3		0.39	32		17.36	14.03	12.60
32.0	1130	11.0			4.01	24.5		10.5	10.3		0.41	34		17.36	14.03	12.60
32.0	1130	12.0			3.99	24.4		10.5	10.3		0.41	34		17.36	14.03	12.60
32.0	1130	13.0			3.90	23.8		10.5	10.3		0.45	37		17.36	14.03	12.60
32.0	1130	14.0	23.7	0.68	3.90	23.8		10.5	10.3		0.52	42		17.36	14.03	12.60
31.0	1148	1.0			4.81	29.8		10.9	10.7		0.19	18	1.9	16.95	14.13	12.27
31.0	1148	2.0			4.60	28.4		10.8	10.5		0.19	18		17.23	14.04	12.49
31.0	1148	3.0			4.10	25.1		10.6	10.4		0.19	18		17.38	14.00	12.62
31.0	1148	4.0			3.63	22.0		10.5	10.3		0.19	18		17.49	13.97	12.70
31.0	1148	5.0			3.44	20.8		10.4	10.2		0.19	18		17.58	13.95	12.78
31.0	1148	6.0			3.42	20.7		10.4	10.2		0.20	19		17.64	13.94	12.82
31.0	1148	7.0			3.37	20.3		10.4	10.2		0.23	21		17.65	13.94	12.83
31.0	1148	8.0			3.38	20.4		10.4	10.1		0.25	23		17.66	13.93	12.85
31.0	1148	9.0			3.43	20.7		10.3	10.1		0.27	24		17.67	13.93	12.86
31.0	1148	10.0			3.49	21.1		10.3	10.1		0.28	24		17.70	13.92	12.87
31.0	1148	11.0			3.59	21.8		10.3	10.1		0.30	26		17.70	13.92	12.88
31.0	1148	12.0			3.55	21.5		10.3	10.1		0.32	27		17.71	13.92	12.88
31.0	1148	13.0			3.52	21.3		10.3	10.1		0.33	28		17.71	13.92	12.89
31.0	1148	14.0			3.56	21.6		10.3	10.1		0.37	30		17.71	13.92	12.88
31.0	1148	15.0			3.38	20.4		10.3	10.1		0.37	31		17.71	13.92	12.88
31.0	1148	16.0			3.36	20.2		10.3	10.1		0.38	31		17.70	13.92	12.88
30.0	1218	1.0			3.90	23.8		10.8	10.6		0.14	15	1.7	17.79	13.95	12.94
30.0	1218	2.0	22.0	0.79	3.81	23.2	10.4	10.8	10.5	14.5	0.15	15		17.81	13.94	12.96
30.0	1218	3.0			3.61	21.9		10.7	10.5		0.14	15		17.84	13.94	12.98
30.0	1218	4.0			3.37	20.3		10.6	10.4		0.15	15		17.91	13.90	13.05
30.0	1218	5.0			3.18	19.1		10.5	10.2		0.15	15		18.00	13.87	13.11

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
30.0	1218	6.0			3.00	17.9		10.3	10.1	110		0.16	16		18.06	13.85	13.16
30.0	1218	7.0			2.87	17.1		10.3	10.1	109		0.16	16		18.10	13.84	13.20
30.0	1218	8.0			2.74	16.2		10.2	10.0	108		0.16	16		18.14	13.83	13.23
30.0	1218	9.0			2.60	15.3		10.1	9.9	107		0.17	16		18.20	13.81	13.28
30.0	1218	10.0			2.52	14.8		10.1	9.9	107		0.17	17		18.22	13.80	13.30
30.0	1218	11.0			2.51	14.7		10.0	9.8	107		0.18	17		18.24	13.80	13.31
30.0	1218	12.0			2.49	14.6		10.0	9.8	106		0.19	18		18.27	13.79	13.34
30.0	1218	13.0			2.48	14.5		9.9	9.8	106		0.23	21		18.27	13.79	13.34
30.0	1218	14.0			2.58	15.2		9.9	9.7	106		0.23	21		18.27	13.79	13.34
30.0	1218	15.0	15.1	0.73	2.59	15.3		10.0	9.8	106		0.27	23		18.25	13.80	13.32
29.5	1231	1.0			3.72	22.6		11.0	10.7	116		0.16	16	1.7	17.69	13.99	12.85
29.5	1231	2.0			3.37	20.3		10.6	10.3	112		0.17	17		17.94	13.89	13.07
29.5	1231	3.0			2.82	16.8		10.3	10.1	109		0.19	18		18.18	13.81	13.26
29.5	1231	4.0			2.42	14.1		10.1	9.9	108		0.17	17		18.46	13.76	13.49
29.5	1231	5.0			2.24	12.9		10.0	9.9	107		0.17	17		18.47	13.76	13.49
29.5	1231	6.0			2.16	12.4		10.0	9.8	106		0.17	17		18.49	13.75	13.52
29.5	1231	7.0			2.16	12.4		9.9	9.8	106		0.19	18		18.51	13.75	13.53
29.5	1231	8.0			2.22	12.8		9.9	9.7	105		0.19	18		18.59	13.73	13.60
29.5	1231	9.0			2.18	12.5		9.8	9.7	105		0.20	19		18.62	13.72	13.62
29.5	1231	10.0			2.11	12.1		9.8	9.6	105		0.20	19		18.63	13.72	13.62
29.5	1231	11.0			2.10	12.0		9.8	9.6	104		0.21	19		18.64	13.72	13.64
29.5	1231	12.0			2.16	12.4		9.7	9.6	104		0.24	21		18.67	13.71	13.66
29.5	1231	13.0			2.16	12.4		9.7	9.5	104		0.26	23		18.72	13.70	13.70
29.5	1231	14.0			2.04	11.6		9.7	9.5	103		0.31	26		18.77	13.70	13.74
29.5	1231	15.0			1.99	11.3		9.6	9.5	103		0.32	27		18.82	13.69	13.78
29.5	1231	16.0			2.00	11.3		9.6	9.5	103		0.31	26		18.86	13.69	13.81
29.5	1231	17.0			1.90	10.7		9.6	9.4	103		0.30	26		18.86	13.69	13.81
29.5	1231	18.0			1.87	10.5		9.6	9.5	103		0.34	28		18.86	13.69	13.81
29.0	1244	1.0			3.38	20.4		11.3	11.0	120		0.07	9	1.4	18.04	14.24	13.08
29.0	1244	2.0			3.55	21.5		11.1	10.8	118		0.07	10		18.09	14.13	13.14
29.0	1244	3.0			3.41	20.6		11.0	10.8	117		0.08	10		18.14	13.95	13.21
29.0	1244	4.0			3.17	19.0		10.9	10.6	115		0.08	11		18.23	13.90	13.29
29.0	1244	5.0			2.84	16.9		10.5	10.3	112		0.09	11		18.33	13.87	13.37
29.0	1244	6.0			2.45	14.3		10.3	10.1	109		0.09	11		18.51	13.77	13.53
29.0	1244	7.0			2.22	12.8		10.1	9.9	108		0.12	13		18.56	13.76	13.56
29.0	1244	8.0			2.15	12.4		10.0	9.8	107		0.13	14		18.74	13.71	13.71
29.0	1244	9.0			2.06	11.8		9.9	9.8	106		0.15	15		18.80	13.69	13.77
29.0	1244	10.0			1.97	11.1		9.9	9.7	105		0.16	16		18.91	13.67	13.85
29.0	1244	11.0			1.86	10.4		9.8	9.6	105		0.18	18		18.97	13.65	13.90
29.0	1244	12.0			1.71	9.4		9.7	9.6	104		0.19	18		19.04	13.65	13.95
29.0	1244	13.0			1.63	9.0		9.7	9.5	104		0.20	19		19.09	13.64	13.99

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	1244	14.0			1.64	9.0		9.7	9.5	103		0.20	19		19.12	13.64	14.02
29.0	1244	15.0			1.68	9.3		9.6	9.5	103		0.21	19		19.15	13.64	14.04
29.0	1244	16.0			1.79	10.0		9.6	9.5	103		0.22	20		19.15	13.64	14.04
29.0	1244	17.0			1.82	10.2		9.6	9.5	103		0.23	21		19.14	13.64	14.03
28.5	1624	1.0			3.57	21.6		11.4	11.1	120		0.27	24	2.2	17.30	14.15	12.53
28.5	1624	2.0			3.57	21.6		11.4	11.1	121		0.29	25		17.32	14.14	12.54
28.5	1624	3.0			3.57	21.7		11.3	11.0	120		0.31	26		17.36	14.12	12.58
28.5	1624	4.0			3.58	21.7		11.3	11.0	119		0.30	26		17.34	14.13	12.56
28.5	1624	5.0			3.58	21.7		11.2	10.9	119		0.34	29		17.44	14.09	12.65
28.5	1624	6.0			3.58	21.7		11.2	10.9	118		0.34	29		17.47	14.08	12.67
28.5	1624	7.0			3.58	21.7		11.1	10.8	117		0.39	32		17.52	14.05	12.72
28.5	1624	8.0			3.58	21.7		11.0	10.7	116		0.38	31		17.50	14.06	12.70
28.5	1624	9.0			3.57	21.7		11.0	10.7	116		0.40	33		17.55	14.05	12.74
28.5	1624	10.0			3.57	21.7		10.9	10.6	115		0.42	34		17.56	14.04	12.75
28.5	1624	11.0			3.58	21.7		10.8	10.6	115		0.41	34		17.56	14.04	12.75
28.5	1624	12.0			3.59	21.8		10.8	10.6	115		0.43	35		17.58	14.03	12.77
28.5	1624	13.0			3.59	21.8		10.8	10.6	114		0.49	39		17.63	14.01	12.81
28.5	1624	14.0			3.59	21.8		10.8	10.5	114		0.50	40		17.63	14.01	12.81
28.5	1624	15.0			3.59	21.8		10.8	10.5	114		0.52	41		17.63	14.01	12.81
28.0	1302	1.0			2.83	16.8		10.2	10.0	109		0.11	13	1.4	18.82	13.77	13.76
28.0	1302	2.0			2.81	16.7		10.2	10.0	109		0.11	13		18.87	13.77	13.80
28.0	1302	3.0			2.71	16.0		10.1	10.0	108		0.11	13		18.92	13.77	13.85
28.0	1302	4.0			2.60	15.3		10.1	9.9	108		0.11	12		18.97	13.77	13.88
28.0	1302	5.0			2.56	15.1		10.1	9.9	108		0.10	12		19.00	13.75	13.91
28.0	1302	6.0			2.48	14.5		10.0	9.8	107		0.10	12		19.04	13.73	13.94
28.0	1302	7.0			2.22	12.8		9.9	9.7	106		0.11	12		19.08	13.71	13.97
28.0	1302	8.0			1.95	11.0		9.6	9.5	103		0.11	12		19.23	13.63	14.10
28.0	1302	9.0			1.99	11.3		9.8	9.6	104		0.11	13		19.32	13.60	14.18
27.0	1314	1.0			1.88	10.6		9.5	9.4	103		0.12	13	1.4	19.09	13.80	13.97
27.0	1314	2.0			1.76	9.8		9.4	9.3	101	13.8	0.11	12		19.35	13.62	14.19
27.0	1314	3.0	10.2	0.72	1.62	8.9	9.3	9.3	9.2	100		0.13	14		19.46	13.60	14.29
27.0	1314	4.0			1.54	8.4		9.3	9.2	100		0.14	14		19.54	13.60	14.35
27.0	1314	5.0			1.48	8.0		9.3	9.2	100		0.14	14		19.63	13.57	14.42
27.0	1314	6.0			1.43	7.6		9.2	9.1	99		0.14	14		19.77	13.56	14.53
27.0	1314	7.0			1.35	7.1		9.2	9.1	99		0.14	15		19.83	13.56	14.57
27.0	1314	8.0			1.28	6.6		9.1	9.0	98		0.15	15		19.97	13.54	14.69
27.0	1314	9.0			1.23	6.4		9.0	8.9	97		0.15	15		20.10	13.52	14.80
27.0	1314	10.0			1.25	6.5		9.0	8.9	97		0.16	16		20.25	13.48	14.92
27.0	1314	11.0			1.26	6.5		8.9	8.9	97		0.16	16		20.35	13.46	14.99
27.0	1314	12.0			1.23	6.3		8.9	8.8	96		0.17	16		20.41	13.45	15.05

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
27.0	1314	13.0	6.5	0.71	1.22	6.2		8.9	8.9	97		0.18	17		20.51	13.44	15.12
26.0	1327	1.0			1.82	10.2		9.4	9.3	102		0.13	14	1.4	19.48	13.66	14.29
26.0	1327	2.0			1.69	9.3		9.4	9.2	101		0.13	14		19.84	13.67	14.57
26.0	1327	3.0			1.57	8.5		9.2	9.2	100		0.13	14		20.11	13.64	14.78
26.0	1327	4.0			1.52	8.3		9.1	9.1	99		0.14	15		20.25	13.57	14.90
26.0	1327	5.0			1.42	7.6		9.0	9.0	98		0.15	16		20.41	13.49	15.03
26.0	1327	6.0			1.30	6.8		9.0	8.9	97		0.17	17		20.53	13.45	15.14
26.0	1327	7.0			1.19	6.1		8.9	8.8	97		0.17	17		20.60	13.44	15.19
26.0	1327	8.0			1.09	5.4		8.8	8.7	96		0.16	16		20.76	13.42	15.32
26.0	1327	9.0			1.00	4.9		8.7	8.7	95		0.16	16		21.13	13.38	15.61
26.0	1327	10.0			0.95	4.5		8.6	8.6	94		0.16	16		21.44	13.35	15.85
26.0	1327	11.0			0.95	4.5		8.6	8.6	94		0.18	17		21.49	13.35	15.90
25.0	1341	1.0			1.20	6.1		8.9	8.9	97		0.11	13	1.3	20.16	13.56	14.83
25.0	1341	2.0			1.10	5.5		8.7	8.7	95		0.12	13		20.64	13.48	15.21
25.0	1341	3.0			0.95	4.5		8.6	8.5	94		0.12	13		21.25	13.39	15.70
25.0	1341	4.0			0.83	3.7		8.5	8.5	93		0.13	14		21.69	13.32	16.06
25.0	1341	5.0			0.74	3.1		8.4	8.4	92		0.16	16		21.76	13.31	16.11
25.0	1341	6.0			0.71	3.0		8.4	8.4	92		0.20	19		21.82	13.30	16.15
25.0	1341	7.0			0.73	3.1		8.4	8.4	92		0.25	22		21.83	13.30	16.16
25.0	1341	8.0			0.74	3.1		8.4	8.4	92		0.28	24		21.84	13.30	16.17
25.0	1341	9.0			0.72	3.0		8.4	8.4	92		0.31	27		21.85	13.30	16.18
25.0	1341	10.0			0.71	3.0		8.4	8.4	92		1.24	92		21.84	13.30	16.18
24.0	1354	1.0			0.78	3.4		8.4	8.4	92		0.07	10	1.2	21.79	13.49	16.10
24.0	1354	2.0		3.7	0.72	3.3	8.2	8.3	8.3	92	9.9	0.10	12		21.92	13.40	16.22
24.0	1354	3.0			0.74	3.1		8.3	8.3	91		0.14	14		22.04	13.34	16.32
24.0	1354	4.0			0.70	2.9		8.3	8.3	91		0.18	18		22.10	13.31	16.37
24.0	1354	5.0			0.69	2.8		8.3	8.3	91		0.22	20		22.13	13.29	16.40
24.0	1354	6.0			0.67	2.7		8.2	8.3	91		0.29	25		22.26	13.27	16.50
24.0	1354	7.0			0.68	2.7		8.2	8.2	91		0.34	28		22.27	13.27	16.51
24.0	1354	8.0			0.72	3.0		8.2	8.2	91		0.36	30		22.33	13.26	16.56
24.0	1354	9.0			0.75	3.2		8.2	8.2	91		0.37	31		22.33	13.26	16.56
24.0	1354	10.0			0.73	3.1		8.2	8.2	90		0.42	34		22.38	13.25	16.60
24.0	1354	11.0		2.4	0.43	3.0		8.2	8.2	91		0.45	36		22.39	13.25	16.60
23.0	1407	1.0			0.71	2.9		8.2	8.2	91		0.06	9	1.1	22.17	13.48	16.39
23.0	1407	2.0			0.67	2.7		8.2	8.2	90		0.06	9		22.47	13.26	16.66
23.0	1407	3.0			0.64	2.5		8.1	8.2	90		0.08	10		22.62	13.23	16.79
23.0	1407	4.0			0.62	2.3		8.1	8.1	90		0.10	11		22.84	13.21	16.96
23.0	1407	5.0			0.62	2.4		8.1	8.1	90		0.14	14		23.04	13.20	17.11
23.0	1407	6.0			0.61	2.3		8.1	8.1	90		0.16	16		23.13	13.19	17.18

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
23.0	1407	7.0			0.61	2.3		8.1	8.1	89		0.18	17		23.15	13.19	17.20
23.0	1407	8.0			0.62	2.3		8.1	8.1	89		0.19	18		23.22	13.19	17.25
23.0	1407	9.0			0.62	2.3		8.1	8.1	89		0.28	24		23.36	13.18	17.36
23.0	1407	10.0			0.64	2.5		8.1	8.1	89		0.36	30		23.45	13.17	17.44
23.0	1407	11.0			0.64	2.5		8.1	8.1	89		0.37	31		23.48	13.17	17.45
23.0	1407	12.0			0.64	2.4		8.0	8.1	89		0.38	31		23.48	13.17	17.45
23.0	1407	13.0			0.65	2.5		8.0	8.1	89		0.37	31		23.48	13.17	17.46
23.0	1407	14.0			0.68	2.7		8.0	8.1	89		0.38	31		23.48	13.17	17.46
23.0	1407	15.0			0.69	2.8		8.0	8.1	89		0.41	34		23.51	13.17	17.48
23.0	1407	16.0			0.68	2.8		8.0	8.1	89		0.41	34		23.50	13.17	17.48
22.0	1422	1.0			0.74	3.1		8.2	8.2	90		0.10	12	1.2	22.28	13.40	16.50
22.0	1422	2.0			0.74	3.1		8.2	8.2	90		0.11	12		22.41	13.30	16.61
22.0	1422	3.0			0.71	3.0		8.1	8.2	90		0.13	14		22.55	13.26	16.72
22.0	1422	4.0			0.69	2.8		8.1	8.2	90		0.14	15		22.64	13.25	16.79
22.0	1422	5.0			0.66	2.6		8.1	8.1	90		0.16	16		22.79	13.23	16.91
22.0	1422	6.0			0.64	2.5		8.1	8.1	90		0.16	16		22.93	13.22	17.03
22.0	1422	7.0			0.62	2.3		8.1	8.1	89		0.15	15		23.01	13.22	17.09
22.0	1422	8.0			0.61	2.3		8.1	8.1	89		0.14	14		23.16	13.20	17.21
22.0	1422	9.0			0.60	2.2		8.1	8.1	89		0.14	14		23.27	13.19	17.30
22.0	1422	10.0			0.60	2.2		8.0	8.1	89		0.13	14		23.47	13.17	17.45
22.0	1422	11.0			0.63	2.4		8.0	8.0	89		0.13	14		23.63	13.16	17.58
22.0	1422	12.0			0.64	2.5		8.0	8.0	89		0.16	16		23.87	13.14	17.76
22.0	1422	13.0			0.62	2.3		8.0	8.0	89		0.19	18		23.86	13.14	17.76
22.0	1422	14.0			0.59	2.2		8.0	8.0	89		0.24	21		23.95	13.14	17.83
22.0	1422	15.0			0.59	2.1		8.0	8.0	89		0.27	23		24.09	13.13	17.94
22.0	1422	16.0			0.59	2.1		8.0	8.0	89		0.29	25		24.11	13.12	17.96
22.0	1422	17.0			0.58	2.1		7.9	8.0	89		0.32	27		24.17	13.12	18.00
22.0	1422	18.0			0.59	2.1		7.9	8.0	89		0.37	31		24.24	13.11	18.05
21.0	1432	1.0			0.83	3.7		8.4	8.4	93		0.08	10	1.1	21.49	13.59	15.85
21.0	1432	2.0			0.80	3.5		8.4	8.4	92		0.08	10		21.65	13.55	15.98
21.0	1432	3.0	3.2	0.64	0.76	3.3	8.5	8.3	8.3	92	10.5	0.08	11		21.93	13.48	16.21
21.0	1432	4.0			0.76	3.3		8.3	8.3	92		0.09	11		22.24	13.41	16.46
21.0	1432	5.0			0.76	3.3		8.3	8.3	91		0.10	12		22.38	13.38	16.58
21.0	1432	6.0			0.76	3.2		8.3	8.3	91		0.12	13		22.74	13.31	16.86
21.0	1432	7.0			0.75	3.2		8.2	8.2	91		0.14	15		22.76	13.30	16.88
21.0	1432	8.0			0.73	3.0		8.2	8.2	91		0.16	16		22.88	13.28	16.97
21.0	1432	9.0			0.74	3.1		8.2	8.2	91		0.17	16		22.91	13.28	17.00
21.0	1432	10.0			0.75	3.2		8.2	8.2	90		0.18	17		23.09	13.26	17.14
21.0	1432	11.0			0.71	2.9		8.2	8.2	90		0.20	19		23.16	13.25	17.20
21.0	1432	12.0			0.68	2.7		8.1	8.2	90		0.23	21		23.27	13.24	17.28
21.0	1432	13.0			0.66	2.6		8.1	8.2	90		0.24	22		23.31	13.24	17.32

STN	TIME	DEPTH	DISCR CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	1432	14.0		0.66	2.6	8.1	8.1	90		0.25	23		23.35	13.23	17.34
21.0	1432	15.0		0.67	2.7	8.1	8.2	90		0.27	23		23.41	13.23	17.39
21.0	1432	16.0		0.68	2.7	8.1	8.1	90		0.26	23		23.41	13.23	17.39
21.0	1432	17.0	3.0	0.67	2.7	8.1	8.1	90		0.31	26		23.46	13.22	17.43

Fluorometer Calibration: OBS Calibration: Dissolved Oxygen Calibration:

SeaBird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0641	1.0	1.0				9.3	9.1	9.1	95		0.82	55	5.0	14.86	13.36	10.79
36.0	0641	2.0	28.5	0.58			9.3	9.1	9.1	96	54.9	0.81	54		15.21	13.48	11.04
36.0	0641	3.0				8.9	9.3	9.1	97	97		0.77	52		15.50	13.59	11.24
36.0	0641	4.0					9.3	9.1	97	97		0.74	50		15.73	13.66	11.41
36.0	0641	5.0					9.3	9.1	97	97		0.74	50		15.81	13.66	11.47
36.0	0641	6.0					9.3	9.1	97	97		0.75	51		15.87	13.65	11.52
36.0	0641	7.0	32.9	0.59			9.3	9.1	97	97		0.75	51		15.91	13.64	11.55
34.0	0701	1.0					9.0	8.9	94	94		0.82	55	4.9	15.42	13.18	11.25
34.0	0701	2.0	34.4	0.56			9.0	8.9	94	94		0.82	55		15.41	13.18	11.24
34.0	0701	3.0					9.0	8.9	94	94		0.81	55		15.41	13.18	11.24
34.0	0701	4.0					9.0	8.9	94	94		0.81	54		15.38	13.14	11.23
34.0	0701	5.0					9.0	9.0	94	94		0.82	55		15.39	13.12	11.23
34.0	0701	6.0					9.0	8.9	94	94		0.83	56		15.41	13.16	11.25
34.0	0701	7.0					9.0	8.9	94	94		0.83	55		15.45	13.15	11.28
34.0	0701	8.0					9.0	8.9	94	94		0.82	55		15.47	13.14	11.29
32.0	0740	1.0					9.6	9.3	98	98		0.73	49	4.6	16.05	13.27	11.72
32.0	0740	2.0	32.2	0.58		9.3	9.5	9.2	98	98	46.1	0.71	48		16.16	13.38	11.79
32.0	0740	3.0					9.5	9.2	98	98		0.72	49		16.22	13.40	11.83
32.0	0740	4.0					9.5	9.2	98	98		0.72	49		16.28	13.43	11.87
32.0	0740	5.0					9.5	9.2	98	98		0.73	50		16.51	13.51	12.03
32.0	0740	6.0					9.5	9.2	98	98		0.77	52		16.62	13.55	12.11
32.0	0740	7.0					9.4	9.2	98	98		0.80	54		16.67	13.57	12.14
32.0	0740	8.0					9.4	9.2	98	98		0.81	55		16.71	13.59	12.18
32.0	0740	9.0					9.4	9.2	98	98		0.86	57		16.75	13.60	12.20
32.0	0740	10.0					9.4	9.2	98	98		0.91	60		16.79	13.61	12.23
32.0	0740	11.0					9.4	9.2	98	98		0.97	64		16.82	13.62	12.25
32.0	0740	12.0					9.4	9.2	98	98		1.12	72		16.84	13.63	12.26
32.0	0740	13.0	33.1	0.55			9.4	9.2	98	98		1.28	82		16.85	13.63	12.27
31.0	0756	1.0					9.2	9.0	97	97		0.56	40	3.5	17.01	13.62	12.40
31.0	0756	2.0	38.3	0.67			9.2	9.0	97	97	39.4	0.54	38		17.03	13.62	12.41
31.0	0756	3.0					9.2	9.0	97	97		0.53	38		17.13	13.67	12.48
31.0	0756	4.0					9.1	9.0	97	97		0.53	38		17.20	13.69	12.53
31.0	0756	5.0					9.1	9.0	97	97		0.54	38		17.25	13.71	12.56
31.0	0756	6.0					9.1	9.0	97	97		0.54	38		17.26	13.72	12.58
31.0	0756	7.0					9.1	9.0	97	97		0.55	39		17.30	13.72	12.60
31.0	0756	8.0					9.0	8.9	96	96		0.56	40		17.43	13.74	12.70
31.0	0756	9.0					8.9	8.9	96	96		0.53	38		17.68	13.75	12.89
31.0	0756	10.0					8.9	8.8	95	95		0.50	36		17.75	13.75	12.94
31.0	0756	11.0					8.8	8.8	95	95		0.52	37		17.86	13.75	13.03
31.0	0756	12.0					8.8	8.8	95	95		0.54	38		17.88	13.74	13.05

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
31.0	0756	13.0	25.9	0.63				8.8	8.8	95		0.55	39		17.89	13.74	13.05
30.0	0815	1.0			3.12	32.0		9.4	9.2	99		0.43	32	2.9	17.29	13.58	12.62
30.0	0815	2.0	36.2	0.70	3.11	31.8	9.3	9.4	9.1	98	32.3	0.42	31		17.31	13.59	12.63
30.0	0815	3.0			3.09	31.6		9.3	9.1	98		0.43	32		17.43	13.65	12.72
30.0	0815	4.0			3.05	31.3		9.2	9.1	98		0.41	31		17.54	13.67	12.80
30.0	0815	5.0			2.95	30.2		9.2	9.0	97		0.41	31		17.62	13.68	12.86
30.0	0815	6.0			2.79	28.6		9.1	9.0	97		0.41	31		17.89	13.69	13.07
30.0	0815	7.0			2.66	27.3		9.1	9.0	97		0.41	31		17.99	13.69	13.14
30.0	0815	8.0			2.59	26.6		9.0	8.9	97		0.44	32		18.11	13.69	13.23
30.0	0815	9.0			2.58	26.4		9.0	8.9	96		0.46	34		18.19	13.70	13.29
30.0	0815	10.0			2.56	26.3		9.0	8.9	97		0.49	35		18.27	13.70	13.36
30.0	0815	11.0			2.55	26.2		8.9	8.9	96		0.50	36		18.27	13.70	13.36
30.0	0815	12.0	21.3	0.61	2.55	26.2		9.0	8.9	96		0.51	37		18.29	13.70	13.37
29.5	0827	1.0						10.5	9.8	105		0.42	31	2.9	17.65	13.41	12.93
29.5	0827	2.0	49.2	0.85				10.3	9.7	104		0.40	30		17.74	13.37	13.00
29.5	0827	3.0						9.9	9.4	101		0.35	27		17.86	13.49	13.07
29.5	0827	4.0						9.7	9.3	100		0.34	27		17.94	13.52	13.13
29.5	0827	5.0						9.6	9.3	100		0.33	26		18.05	13.54	13.21
29.5	0827	6.0						9.5	9.2	100		0.31	25		18.19	13.60	13.31
29.5	0827	7.0						9.5	9.2	100		0.28	23		18.24	13.65	13.34
29.5	0827	8.0						9.5	9.2	100		0.27	23		18.33	13.71	13.39
29.5	0827	9.0						9.4	9.2	100		0.28	23		18.44	13.71	13.48
29.5	0827	10.0						9.4	9.1	99		0.31	25		18.49	13.69	13.52
29.5	0827	11.0						9.3	9.1	99		0.35	27		18.56	13.69	13.58
29.5	0827	12.0						9.2	9.1	98		0.38	29		18.74	13.69	13.72
29.5	0827	13.0						9.1	9.0	98		0.38	29		18.86	13.69	13.81
29.5	0827	14.0						9.1	9.0	97		0.42	31		18.93	13.69	13.86
29.5	0827	15.0						9.0	9.0	97		0.44	32		18.95	13.69	13.88
29.5	0827	16.0						9.1	9.0	97		0.52	37		18.99	13.69	13.91
29.0	0838	1.0			2.84	29.1		9.8	9.4	101		0.25	21	2.1	18.29	13.57	13.39
29.0	0838	2.0			2.89	29.6		9.8	9.4	102		0.24	21		18.27	13.57	13.38
29.0	0838	3.0			2.88	29.5		9.8	9.4	101		0.25	21		18.28	13.57	13.38
29.0	0838	4.0			2.82	28.9		9.6	9.3	100		0.24	21		18.34	13.57	13.43
29.0	0838	5.0			2.60	26.7		9.5	9.2	100		0.24	21		18.40	13.59	13.47
29.0	0838	6.0			2.26	23.2		9.3	9.1	99		0.23	21		18.72	13.67	13.70
29.0	0838	7.0			2.07	21.3		9.2	9.0	98		0.23	20		18.91	13.68	13.85
29.0	0838	8.0			1.94	20.0		9.0	9.0	97		0.23	20		19.08	13.69	13.98
29.0	0838	9.0			1.79	18.5		9.0	8.9	97		0.23	20		19.12	13.69	14.01
29.0	0838	10.0			1.65	17.1		8.9	8.9	97		0.23	20		19.16	13.69	14.04
29.0	0838	11.0			1.62	16.8		8.9	8.8	96		0.26	22		19.47	13.69	14.28

South San Francisco Bay

7 March 1995

95066

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0838	12.0			1.68	17.4		8.8	8.8	96		0.29	24		19.55	13.69	14.34
29.0	0838	13.0			1.64	17.0		8.8	8.8	96		0.30	24		19.56	13.69	14.35
29.0	0838	14.0			1.60	16.6		8.8	8.8	96		0.31	25		19.58	13.69	14.36
28.5	0847	1.0			2.51	25.8		9.5	9.2	100		0.26	22	2.1	18.26	13.50	13.39
28.5	0847	2.0		0.71	2.49	25.6		9.5	9.2	99		0.26	22		18.31	13.50	13.42
28.5	0847	3.0			2.42	24.9		9.4	9.2	99		0.27	23		18.36	13.51	13.46
28.5	0847	4.0			2.30	23.7		9.4	9.2	99		0.27	23		18.37	13.51	13.46
28.5	0847	5.0			2.39	24.6		9.4	9.2	99		0.28	23		18.43	13.52	13.51
28.5	0847	6.0			2.36	24.3		9.3	9.1	98		0.27	23		18.63	13.57	13.65
28.5	0847	7.0			2.14	22.1		9.2	9.0	98		0.27	22		18.76	13.60	13.75
28.5	0847	8.0			2.18	22.5		9.1	9.0	98		0.27	22		18.79	13.61	13.77
28.5	0847	9.0			2.15	22.1		9.1	9.0	97		0.27	22		18.93	13.63	13.87
28.5	0847	10.0			1.92	19.9		9.0	8.9	97		0.26	22		19.06	13.64	13.97
28.5	0847	11.0			1.71	17.7		8.9	8.9	97		0.26	22		19.23	13.65	14.10
28.5	0847	12.0			1.50	15.6		8.8	8.8	96		0.26	22		19.44	13.67	14.26
28.5	0847	13.0			1.46	15.2		8.7	8.8	96		0.26	22		19.56	13.68	14.35
28.5	0847	14.0			1.51	15.7		8.7	8.7	95		0.28	23		19.62	13.69	14.40
28.5	0847	15.0	12.7	0.66	1.50	15.6		8.7	8.8	96		0.30	24		19.65	13.68	14.41
27.0	0905	2.0	24.0	0.75	2.21	22.8	9.1	9.4	9.2	99	20.0	0.23	20	2.0	18.85	13.61	13.82
27.0	0905	3.0			2.13	21.9		9.3	9.1	99		0.21	19		19.05	13.67	13.96
27.0	0905	4.0			1.85	19.1		9.1	9.0	98		0.17	17		19.36	13.70	14.19
27.0	0905	5.0			1.51	15.7		8.9	8.9	97		0.18	17		19.80	13.67	14.54
27.0	0905	6.0			1.30	13.6		8.7	8.8	96		0.18	18		20.28	13.61	14.91
27.0	0905	7.0			1.21	12.6		8.6	8.7	95		0.19	18		20.40	13.59	15.01
27.0	0905	8.0			1.11	11.7		8.5	8.7	95		0.21	19		20.48	13.58	15.07
27.0	0905	9.0			1.09	11.4		8.5	8.6	95		0.22	20		20.51	13.57	15.10
27.0	0905	10.0			1.02	10.8		8.4	8.6	94		0.23	20		20.52	13.57	15.11
27.0	0905	11.0	9.3	0.72	1.01	10.7		8.5	8.6	94		0.25	21		20.55	13.56	15.13
25.0	0928	1.0			2.03	20.9		9.5	9.2	101		0.16	16	1.7	19.90	13.59	14.63
25.0	0928	2.0			1.98	20.4		9.3	9.1	99		0.15	16		20.24	13.65	14.88
25.0	0928	3.0			1.60	16.6		9.0	8.9	98		0.15	16		20.78	13.55	15.31
25.0	0928	4.0			1.31	13.7		8.8	8.8	97		0.14	15		21.12	13.51	15.58
25.0	0928	5.0			1.08	11.4		8.7	8.7	96		0.14	15		21.28	13.51	15.70
25.0	0928	6.0			0.96	10.1		8.6	8.7	96		0.14	15		21.37	13.50	15.77
25.0	0928	7.0			0.98	10.4		8.6	8.7	95		0.13	15		21.40	13.49	15.80
25.0	0928	8.0			1.01	10.7		8.7	8.7	96		0.13	15		21.42	13.49	15.82
24.0	0943	1.0	24.4	0.78	1.29	13.4	8.8	9.1	9.0	98	13.9	0.13	14	1.5	20.62	13.37	15.22
24.0	0943	2.0			1.12	11.7		8.8	8.8	97		0.13	15		21.05	13.32	15.56
24.0	0943	3.0			0.92	9.8		8.7	8.7	95		0.15	16		21.27	13.32	15.73

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
24.0	0943	4.0			0.90	9.5		8.6	8.7	95		0.17	17		21.35	13.33	15.79
24.0	0943	5.0			0.89	9.4		8.5	8.6	94		0.17	17		21.39	13.35	15.81
24.0	0943	6.0			0.82	8.7		8.5	8.6	94		0.18	17		21.39	13.35	15.82
24.0	0943	7.0			0.76	8.1		8.4	8.6	94		0.18	17		21.41	13.36	15.83
24.0	0943	8.0			0.75	8.1		8.4	8.6	94		0.18	17		21.41	13.37	15.83
24.0	0943	9.0			0.80	8.5		8.4	8.6	94		0.18	17		21.42	13.37	15.83
24.0	0943	10.0	6.6	0.73	0.79	8.4		8.5	8.7	95		0.17	17		21.42	13.37	15.84
22.0	1009	1.0			0.68	7.3		8.4	8.6	94		0.04	9	1.1	21.27	13.39	15.72
22.0	1009	2.0			0.63	6.8		8.3	8.5	93		0.03	9		21.48	13.30	15.90
22.0	1009	3.0			0.57	6.2		8.1	8.4	92		0.03	9		21.71	13.31	16.07
22.0	1009	4.0			0.52	5.7		8.1	8.4	92		0.04	9		21.76	13.32	16.11
22.0	1009	5.0			0.50	5.5		8.0	8.4	92		0.04	9		21.82	13.32	16.15
22.0	1009	6.0			0.49	5.4		8.0	8.4	92		0.04	9		21.89	13.31	16.21
22.0	1009	7.0			0.50	5.6		8.0	8.4	92		0.04	9		21.95	13.30	16.26
22.0	1009	8.0			0.50	5.5		8.0	8.3	92		0.05	10		22.11	13.33	16.38
22.0	1009	9.0			0.44	4.9		7.9	8.3	91		0.06	10		22.28	13.33	16.50
22.0	1009	10.0			0.42	4.7		7.8	8.2	91		0.07	11		22.48	13.31	16.67
22.0	1009	11.0			0.40	4.5		7.8	8.2	91		0.09	12		22.68	13.28	16.82
22.0	1009	12.0			0.38	4.3		7.7	8.2	91		0.09	12		23.15	13.25	17.19
22.0	1009	13.0			0.38	4.3		7.7	8.2	91		0.09	12		23.61	13.22	17.55
22.0	1009	14.0			0.36	4.1		7.7	8.2	90		0.08	11		23.88	13.20	17.76
22.0	1009	15.0			0.35	4.0		7.7	8.1	90		0.07	11		24.21	13.18	18.02
22.0	1009	16.0			0.35	4.0		7.6	8.1	91		0.07	11		24.89	13.14	18.55
21.0	1021	1.0			1.34	13.9		8.9	8.9	97		0.07	11	1.0	20.69	13.41	15.26
21.0	1021	2.0	11.5	0.84	1.30	13.6	9.0	8.9	8.9	97		0.07	11		20.64	13.40	15.23
21.0	1021	3.0			1.17	12.2		8.8	8.8	96		0.08	11		20.82	13.35	15.38
21.0	1021	4.0			1.00	10.5		8.6	8.7	95		0.07	11		21.08	13.34	15.58
21.0	1021	5.0			0.85	9.1		8.4	8.6	94		0.07	11		21.24	13.34	15.70
21.0	1021	6.0			0.66	7.2		8.3	8.5	93		0.07	11		21.53	13.32	15.93
21.0	1021	7.0			0.57	6.2		8.2	8.5	93		0.07	11		21.64	13.32	16.01
21.0	1021	8.0			0.55	6.0		8.1	8.4	92		0.08	12		21.81	13.31	16.15
21.0	1021	9.0			0.52	5.7		8.1	8.4	92		0.08	12		21.89	13.30	16.21
21.0	1021	10.0			0.48	5.3		8.0	8.4	92		0.09	12		22.00	13.29	16.29
21.0	1021	11.0			0.47	5.2		8.0	8.4	92		0.09	12		22.05	13.29	16.33
21.0	1021	12.0			0.47	5.2		8.0	8.3	92		0.10	12		22.12	13.29	16.39
21.0	1021	13.0			0.47	5.2		8.0	8.3	91		0.11	13		22.16	13.29	16.42
21.0	1021	14.0			0.47	5.2		7.9	8.3	91		0.11	13		22.20	13.28	16.45
21.0	1021	15.0			0.47	5.2		7.9	8.3	91		0.13	14		22.57	13.28	16.74
21.0	1021	16.0			0.43	4.8		7.8	8.2	91		0.16	16		23.66	13.23	17.59
21.0	1021	17.0	2.5	0.60	0.42	4.7		7.7	8.2	91		0.10	12		25.18	13.15	18.78

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
20.0	1041	1.0			0.48	5.3	8.3	8.3	8.5	90		0.03	9	0.8	17.67	12.92	13.03
20.0	1041	2.0			0.49	5.4	8.3	8.3	8.5	90		0.03	8		17.92	12.92	13.22
20.0	1041	3.0			0.50	5.5	8.3	8.5	8.5	90		0.03	8		18.05	12.92	13.32
20.0	1041	4.0			0.52	5.7	8.3	8.5	8.5	91		0.03	8		18.18	12.92	13.41
20.0	1041	5.0			0.54	5.9	8.3	8.5	8.5	91		0.03	8		18.75	12.97	13.84
20.0	1041	6.0			0.55	6.1	8.3	8.5	8.5	91		0.03	8		19.27	13.02	14.24
20.0	1041	7.0			0.55	6.1	8.3	8.5	8.5	91		0.03	8		19.36	13.03	14.31
20.0	1041	8.0			0.54	6.0	8.3	8.5	8.5	92		0.03	8		19.87	13.09	14.69
20.0	1041	9.0			0.54	5.9	8.2	8.5	8.5	92		0.02	8		20.44	13.13	15.12
20.0	1041	10.0			0.53	5.8	8.2	8.5	8.5	92		0.03	8		20.50	13.13	15.17
20.0	1041	11.0			0.53	5.8	8.2	8.5	8.5	92		0.03	8		20.67	13.14	15.30
20.0	1041	12.0			0.52	5.7	8.2	8.5	8.5	92		0.03	8		20.85	13.16	15.43
20.0	1041	13.0			0.50	5.5	8.1	8.4	8.4	92		0.03	9		21.19	13.20	15.69
20.0	1041	14.0			0.49	5.4	8.0	8.4	8.4	92		0.04	9		21.88	13.22	16.21
20.0	1041	15.0			0.48	5.3	8.0	8.3	8.3	91		0.05	10		22.14	13.21	16.42
20.0	1041	16.0			0.48	5.4	7.9	8.3	8.3	91		0.05	10		22.41	13.20	16.63
20.0	1041	17.0			0.48	5.3	7.9	8.3	8.3	91		0.05	10		22.42	13.20	16.64
20.0	1041	18.0			0.46	5.1	7.9	8.3	8.3	91		0.05	10		22.47	13.20	16.67
20.0	1041	19.0			0.45	5.1	7.9	8.3	8.3	91		0.06	10		22.72	13.19	16.87
20.0	1041	20.0			0.45	5.0	7.8	8.3	8.3	91		0.07	11		23.16	13.18	17.21
20.0	1041	21.0			0.44	4.9	7.9	8.3	8.3	91		0.07	11		23.23	13.18	17.26
20.0	1041	22.0			0.42	4.7	7.8	8.2	8.2	91		0.07	11		23.61	13.16	17.56
20.0	1041	23.0			0.39	4.4	7.8	8.2	8.2	91		0.08	12		24.43	13.15	18.20
20.0	1041	24.0			0.37	4.2	7.7	8.2	8.2	91		0.07	11		24.69	13.15	18.40
20.0	1041	25.0			0.36	4.0	7.7	8.2	8.2	91		0.06	10		24.80	13.15	18.48
20.0	1041	26.0			0.36	4.1	7.7	8.2	8.2	91		0.05	9		25.20	13.14	18.79
20.0	1041	27.0			0.36	4.1	7.6	8.1	8.1	91		0.21	19		26.45	13.12	19.76

..... Slope Inter. Std. Err.

Fluorometer Calibration:																		
OBS Calibration:	10	0.753	10.083	0.467	5.425													
Dissolved Oxygen Calibration:	6	0.993	58.752	6.702	1.499													
	6	0.665	0.584	3.674	0.133													

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1754	1.0			0.46	2.5						0.48	31		0.09	11.61	0.00
657.0	1754	2.0	2.4	0.76	0.46	2.5					30.6	0.47	30		0.10	11.66	0.00
657.0	1754	3.0			0.46	2.5						0.47	30		0.10	11.69	0.00
657.0	1754	4.0			0.46	2.5						0.47	30		0.10	11.69	0.00
657.0	1754	5.0			0.47	2.6						0.47	31		0.10	11.72	0.00
657.0	1754	6.0			0.47	2.6						0.47	30		0.11	11.73	0.00
657.0	1754	7.0			0.47	2.6						0.47	30		0.11	11.73	0.00
657.0	1754	8.0			0.47	2.6						0.47	30		0.11	11.73	0.00
657.0	1754	9.0			0.47	2.6						0.46	30		0.11	11.73	0.00
657.0	1754	10.0			0.48	2.6						0.47	30		0.11	11.74	0.00
657.0	1754	11.0	2.3	0.69	0.48	2.6						0.47	29		0.11	11.73	0.00
649.0	1702	1.0			0.40	1.8						0.68	42	2.6	0.08	11.60	0.00
649.0	1702	2.0	1.4	0.62	0.40	1.8					31.6	0.52	33		0.08	11.61	0.00
649.0	1702	3.0			0.40	1.8						0.52	33		0.08	11.60	0.00
649.0	1702	4.0			0.41	1.8						0.52	33		0.07	11.53	0.00
649.0	1702	5.0			0.41	1.9						0.54	35		0.07	11.50	0.00
649.0	1702	6.0			0.42	2.0						0.55	35		0.07	11.49	0.00
649.0	1702	7.0			0.42	2.0						0.56	35		0.07	11.48	0.00
649.0	1702	8.0			0.42	2.1						0.57	36		0.07	11.48	0.00
649.0	1702	9.0			0.42	2.1						0.57	36		0.07	11.48	0.00
649.0	1702	10.0			0.43	2.1						0.57	36		0.07	11.47	0.00
649.0	1702	11.0			0.42	2.0						0.59	37		0.07	11.47	0.00
649.0	1702	12.0	1.7	0.64	0.42	2.0						0.57	36		0.07	11.47	0.00
2.0	1644	1.0			0.42	2.0						0.21	15	1.6	0.11	12.87	0.00
2.0	1644	2.0			0.42	2.0						0.21	15		0.11	12.83	0.00
2.0	1644	3.0			0.42	2.0						0.22	16		0.11	12.82	0.00
2.0	1644	4.0			0.42	2.0						0.22	16		0.11	12.81	0.00
2.0	1644	5.0			0.41	1.9						0.22	16		0.11	12.81	0.00
2.0	1644	6.0			0.41	1.9						0.22	16		0.11	12.76	0.00
2.0	1644	7.0			0.42	2.0						0.23	16		0.11	12.68	0.00
2.0	1644	8.0			0.41	1.9						0.24	17		0.10	12.58	0.00
2.0	1644	9.0			0.40	1.8						0.25	18		0.09	12.19	0.00
2.0	1644	10.0			0.39	1.7						0.26	18		0.09	12.03	0.00
2.0	1644	11.0			0.39	1.7						0.27	19		0.08	11.84	0.00
3.0	1631	1.0			0.40	1.7						0.24	17	1.7	0.10	12.51	0.00
3.0	1631	2.0	1.7	0.70	0.39	1.7					17.2	0.23	16		0.10	12.43	0.00
3.0	1631	3.0			0.39	1.7						0.23	17		0.10	12.37	0.00
3.0	1631	4.0			0.39	1.6						0.24	17		0.10	12.32	0.00
3.0	1631	5.0			0.38	1.6						0.26	18		0.09	12.11	0.00
3.0	1631	6.0			0.39	1.6						0.27	19		0.09	12.00	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1631	7.0			0.39	1.6					0.29	20		0.09	11.88	0.00
3.0	1631	8.0			0.39	1.7					0.30	21		0.09	11.85	0.00
3.0	1631	9.0			0.39	1.7					0.32	22		0.08	11.83	0.00
3.0	1631	10.0			0.40	1.7					0.32	22		0.08	11.81	0.00
3.0	1631	11.0	1.6	0.64	0.40	1.7					0.32	22		0.08	11.80	0.00
4.0	1609	1.0			0.42	2.0					0.24	17	1.7	0.11	12.77	0.00
4.0	1609	2.0			0.41	1.9					0.25	18		0.11	12.66	0.00
4.0	1609	3.0			0.40	1.8					0.26	18		0.10	12.55	0.00
4.0	1609	4.0			0.40	1.8					0.28	19		0.10	12.36	0.00
4.0	1609	5.0			0.39	1.7					0.29	20		0.10	12.22	0.00
4.0	1609	6.0			0.39	1.7					0.30	20		0.09	12.12	0.00
4.0	1609	7.0			0.39	1.7					0.30	20		0.09	12.09	0.00
4.0	1609	8.0			0.39	1.7					0.30	20		0.09	12.05	0.00
4.0	1609	9.0			0.40	1.8					0.31	21		0.09	11.98	0.00
4.0	1609	10.0			0.40	1.8					0.31	21		0.09	11.94	0.00
4.0	1609	11.0			0.40	1.8					0.31	21		0.08	11.95	0.00
4.0	1609	12.0			0.40	1.7					0.31	21		0.08	11.90	0.00
4.0	1609	13.0			0.39	1.7					0.31	21		0.08	11.86	0.00
4.0	1609	14.0			0.40	1.7					0.31	21		0.08	11.85	0.00
4.0	1609	15.0			0.40	1.7					0.31	21		0.08	11.84	0.00
4.0	1609	16.0			0.40	1.8					0.31	21		0.08	11.82	0.00
4.0	1609	17.0			0.40	1.8					0.33	22		0.08	11.86	0.00
5.0	1550	1.0			0.41	1.9					0.28	19	1.8	0.10	12.43	0.00
5.0	1550	2.0			0.41	1.9					0.27	19		0.10	12.42	0.00
5.0	1550	3.0			0.41	1.8					0.27	19		0.10	12.42	0.00
5.0	1550	4.0			0.40	1.8					0.28	19		0.10	12.42	0.00
5.0	1550	5.0			0.40	1.8					0.28	19		0.10	12.42	0.00
5.0	1550	6.0			0.41	1.8					0.28	19		0.10	12.42	0.00
5.0	1550	7.0			0.41	1.9					0.28	19		0.10	12.42	0.00
5.0	1550	8.0			0.41	1.9					0.28	19		0.10	12.41	0.00
5.0	1550	9.0			0.41	1.9					0.28	19		0.10	12.41	0.00
5.0	1550	10.0			0.41	1.9					0.28	19		0.10	12.41	0.00
5.0	1550	11.0			0.41	1.9					0.28	19		0.10	12.41	0.00
6.0	1530	1.0			0.41	1.9					0.30	20	1.9	0.10	12.60	0.00
6.0	1530	2.0	1.7	0.70	0.41	1.9			19.5		0.30	20		0.10	12.55	0.00
6.0	1530	3.0			0.41	1.9					0.32	22		0.10	12.54	0.00
6.0	1530	4.0			0.41	1.9					0.32	22		0.10	12.54	0.00
6.0	1530	5.0			0.41	1.9					0.33	22		0.10	12.54	0.00
6.0	1530	6.0			0.42	2.0					0.33	22		0.10	12.54	0.00
6.0	1530	7.0			0.42	2.0					0.34	23		0.10	12.53	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
6.0	1530	8.0			0.42	2.0					0.33	22		0.10	12.53	0.00
6.0	1530	9.0			0.42	2.0					0.34	23		0.10	12.53	0.00
6.0	1530	10.0			0.42	2.0					0.34	23		0.10	12.53	0.00
6.0	1530	11.0	1.6	0.59	0.42	2.0					0.34	23		0.10	12.53	0.00
7.0	1506	1.0			0.41	1.8					0.35	23	2.0	0.11	12.82	0.00
7.0	1506	2.0			0.40	1.8					0.33	22		0.11	12.83	0.00
7.0	1506	3.0			0.41	1.8					0.34	23		0.11	12.81	0.00
7.0	1506	4.0			0.40	1.8					0.35	23		0.11	12.80	0.00
7.0	1506	5.0			0.40	1.8					0.35	23		0.11	12.80	0.00
7.0	1506	6.0			0.41	1.9					0.36	24		0.11	12.80	0.00
7.0	1506	7.0			0.41	1.9					0.37	24		0.11	12.79	0.00
7.0	1506	8.0			0.42	2.0					0.37	24		0.12	12.79	0.00
7.0	1506	9.0			0.41	1.9					0.37	25		0.12	12.79	0.00
7.0	1506	10.0			0.41	1.9					0.37	25		0.12	12.79	0.00
7.0	1506	11.0			0.42	2.0					0.38	25		0.12	12.79	0.00
7.0	1506	12.0			0.41	1.9					0.40	26		0.12	12.78	0.00
7.0	1506	13.0			0.41	1.9					0.40	26		0.12	12.78	0.00
7.0	1506	14.0			0.41	1.9					0.41	27		0.12	12.78	0.00
7.0	1506	15.0			0.41	1.9					0.42	27		0.12	12.78	0.00
8.0	1436	1.0			0.42	2.0					0.34	23	2.1	0.14	12.84	0.00
8.0	1436	2.0			0.42	2.0					0.33	22		0.14	12.65	0.00
8.0	1436	3.0			0.41	1.9					0.35	23		0.16	12.58	0.00
8.0	1436	4.0			0.42	2.0					0.40	26		0.23	12.60	0.00
8.0	1436	5.0			0.42	2.0					0.44	29		0.32	12.65	0.00
8.0	1436	6.0			0.42	2.0					0.47	30		0.37	12.69	0.00
8.0	1436	7.0			0.41	1.9					0.49	31		0.40	12.71	0.00
8.0	1436	8.0			0.42	2.0					0.50	32		0.42	12.74	0.00
8.0	1436	9.0			0.42	2.0					0.53	34		0.44	12.79	0.00
8.0	1436	10.0			0.42	2.1					0.56	36		0.46	12.79	0.00
8.0	1436	11.0			0.42	2.0			78		0.60	38		0.48	12.77	0.00
8.0	1436	12.0			0.42	2.0		8.2	8.2		0.61	39		1.02	12.74	0.21
8.0	1436	13.0			0.43	2.2		8.4	8.3		0.62	39		2.01	12.72	0.98
8.0	1436	14.0			0.45	2.3		8.3	8.2		0.62	39		4.64	12.75	3.01
8.0	1436	15.0			0.47	2.5		8.3	8.2		0.64	40		6.32	12.78	4.30
8.0	1436	16.0			0.47	2.6		8.2	8.1		0.66	41		7.24	12.80	5.01
9.0	1417	1.0			0.43	2.1					0.60	38	2.9	0.70	12.76	0.00
9.0	1417	2.0	1.8	0.58	0.43	2.1				38.8	0.59	37		0.70	12.72	0.00
9.0	1417	3.0			0.43	2.2					0.61	38		0.71	12.71	0.00
9.0	1417	4.0			0.44	2.2					0.61	38		0.76	12.69	0.01
9.0	1417	5.0			0.43	2.2					0.63	39		0.84	12.69	0.07

North San Francisco Bay

7 March 1995

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1417	6.0			0.43	2.2		7.9	7.9	75		0.62	39		1.02	12.68	0.21
9.0	1417	7.0			0.44	2.2		7.9	7.9	75		0.62	39		1.13	12.68	0.30
9.0	1417	8.0			0.44	2.3		7.9	7.9	75		0.62	39		1.17	12.68	0.33
9.0	1417	9.0			0.45	2.3		7.9	7.9	75		0.67	42		1.18	12.70	0.34
9.0	1417	10.0			0.45	2.3		7.9	7.9	75		0.71	44		1.19	12.70	0.34
9.0	1417	11.0			0.45	2.4		7.9	7.8	74		0.74	46		1.19	12.70	0.35
9.0	1417	12.0			0.46	2.4		8.1	8.0	76		0.75	46		1.22	12.71	0.37
9.0	1417	13.0			0.45	2.4		8.3	8.3	79		0.76	47		2.05	12.73	1.01
9.0	1417	14.0			0.45	2.4		8.3	8.3	80		0.76	47		3.20	12.72	1.90
9.0	1417	15.0			0.45	2.4		8.4	8.3	80		0.74	46		3.33	12.71	2.00
9.0	1417	16.0			0.45	2.4		8.4	8.3	80		0.73	45		3.40	12.71	2.06
9.0	1417	17.0			0.46	2.4		8.4	8.3	81		0.74	46		3.95	12.72	2.48
9.0	1417	18.0			0.46	2.5		8.4	8.3	81		0.75	46		4.46	12.73	2.87
9.0	1417	19.0			0.46	2.5		8.4	8.3	81		0.75	46		4.67	12.73	3.04
9.0	1417	20.0			0.47	2.6		8.4	8.3	81		0.75	46		5.80	12.75	3.90
9.0	1417	21.0			0.48	2.7		8.4	8.3	82		0.76	47		6.12	12.76	4.15
9.0	1417	22.0			0.48	2.7		8.3	8.3	82		0.79	49		6.76	12.77	4.64
9.0	1417	23.0			0.49	2.8		8.4	8.3	82		0.84	52		6.79	12.77	4.66
9.0	1417	24.0			0.50	2.9		8.3	8.3	82		0.96	59		7.22	12.78	5.00
9.0	1417	25.0			0.50	2.9		8.3	8.3	82		1.06	64		7.98	12.80	5.58
9.0	1417	26.0			0.51	3.1		8.3	8.3	82		1.25	75		7.82	12.80	5.45
9.0	1417	27.0			0.54	3.3		8.3	8.3	82		1.42	85		8.47	12.82	5.95
9.0	1417	28.0			0.56	3.5		8.3	8.2	82		1.74	103		8.81	12.83	6.22
9.0	1417	29.0			0.57	3.7		8.3	8.2	83		1.86	110		9.01	12.84	6.36
9.0	1417	30.0			0.58	3.8		8.3	8.2	83		2.16	127		9.29	12.84	6.58
9.0	1417	31.0			0.59	4.0		8.3	8.3	83		2.29	135		9.51	12.85	6.75
9.0	1417	32.0			0.62	4.2		8.3	8.2	83		2.70	158		10.37	12.88	7.41
9.0	1417	33.0			0.62	4.2		8.3	8.2	83		3.00	175		11.26	12.91	8.09
9.0	1417	34.0			0.57	3.7		8.1	8.0	83		2.02	119		13.72	12.98	9.98
9.0	1417	35.0			0.56	3.6		8.1	8.0	83		0.13	11		13.91	12.91	10.13
10.0	1404	1.0			0.43	2.1		7.6	7.6	72		0.56	36	2.9	1.19	12.80	0.33
10.0	1404	2.0		0.46	0.43	2.2		7.7	7.6	72		0.56	36		1.21	12.74	0.35
10.0	1404	3.0			0.44	2.2		7.7	7.6	72		0.57	36		1.24	12.72	0.38
10.0	1404	4.0			0.44	2.2		8.0	7.9	75		0.61	38		1.31	12.71	0.43
10.0	1404	5.0			0.44	2.3		8.2	8.1	77		0.63	39		1.88	12.72	0.88
10.0	1404	6.0			0.44	2.3		8.2	8.1	78		0.63	40		2.56	12.71	1.40
10.0	1404	7.0			0.44	2.3		8.2	8.2	79		0.63	39		2.91	12.70	1.68
10.0	1404	8.0			0.44	2.3		8.3	8.2	79		0.63	39		3.33	12.70	2.00
10.0	1404	9.0			0.44	2.3		8.3	8.2	80		0.62	39		3.49	12.70	2.12
10.0	1404	10.0			0.45	2.3		8.3	8.3	80		0.63	40		3.66	12.71	2.25
10.0	1404	11.0			0.45	2.3		8.4	8.3	80		0.63	40		3.78	12.71	2.35
10.0	1404	12.0			0.45	2.4		8.4	8.3	80		0.64	40		3.89	12.71	2.43

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
10.0	1404	13.0			0.46	2.4		8.4	8.3	81		0.64	40		4.51	12.72	2.91
10.0	1404	14.0			0.46	2.5		8.4	8.3	81		0.64	40		4.95	12.72	3.25
10.0	1404	15.0			0.46	2.5		8.4	8.3	81		0.65	41		4.97	12.72	3.27
10.0	1404	16.0			0.48	2.7		8.4	8.3	81		0.71	44		5.61	12.73	3.76
10.0	1404	17.0			0.48	2.7		8.3	8.3	81		0.93	56		6.32	12.75	4.30
11.0	1340	1.0			0.45	2.4		8.6	8.5	82		0.52	33	2.5	3.76	12.76	2.33
11.0	1340	2.0			0.45	2.4		8.5	8.4	82		0.53	34		4.88	12.72	3.19
11.0	1340	3.0			0.46	2.4		8.5	8.4	82		0.54	34		5.54	12.72	3.71
11.0	1340	4.0			0.46	2.5		8.5	8.4	82		0.57	36		5.66	12.71	3.80
11.0	1340	5.0			0.48	2.7		8.5	8.5	83		0.58	37		5.95	12.72	4.02
11.0	1340	6.0			0.49	2.8		8.4	8.4	83		0.62	39		7.64	12.76	5.32
11.0	1340	7.0			0.51	3.0		8.3	8.3	83		0.63	40		9.20	12.81	6.51
11.0	1340	8.0			0.52	3.2		8.3	8.2	83		0.64	40		9.92	12.83	7.07
11.0	1340	9.0			0.53	3.3		8.3	8.2	83		0.64	40		10.57	12.86	7.56
11.0	1340	10.0			0.54	3.4		8.2	8.2	83		0.65	41		10.94	12.87	7.85
11.0	1340	11.0			0.55	3.4		8.2	8.1	83		0.74	46		11.56	12.89	8.32
11.0	1340	12.0			0.55	3.5		8.1	8.1	83		0.78	48		13.06	12.92	9.47
11.0	1340	13.0			0.58	3.8		8.1	8.0	83		0.94	57		14.15	12.95	10.31
11.0	1340	14.0			0.65	4.6		8.0	7.9	83		1.97	116		15.91	13.01	11.65
11.0	1340	15.0			0.69	5.0		7.9	7.8	83		3.64	212		18.20	13.03	13.42
11.0	1340	16.0			0.69	5.1		7.8	7.7	83		3.27	191		19.29	13.03	14.25
11.0	1340	17.0			0.69	5.1		7.7	7.6	82		3.23	189		19.96	13.04	14.77
13.0	1256	1.0			0.53	3.3		8.4	8.3	84		0.35	23	2.1	8.60	13.08	6.01
13.0	1256	2.0		0.74	0.53	3.3		8.4	8.3	84		0.33	22		9.56	12.98	6.77
13.0	1256	3.0	3.5		0.53	3.3	8.2	8.4	8.3	85	21.8	0.33	22		10.63	13.00	7.59
13.0	1256	4.0			0.53	3.3		8.3	8.2	84		0.31	21		12.84	13.07	9.28
13.0	1256	5.0			0.52	3.2		8.0	8.0	84		0.30	20		16.77	13.04	12.31
13.0	1256	6.0			0.50	2.9		8.0	7.9	84		0.27	19		18.07	13.02	13.32
13.0	1256	7.0			0.47	2.6		7.9	7.8	84		0.18	14		19.06	13.02	14.08
13.0	1256	8.0			0.44	2.2		7.8	7.8	84		0.16	13		20.36	13.03	15.08
13.0	1256	9.0	2.6	0.70	0.44	2.3		7.8	7.7	84		0.17	13		21.07	13.03	15.62
14.0	1239	1.0			0.70	5.2		8.5	8.4	87		0.19	14	1.5	11.13	13.49	7.90
14.0	1239	2.0			0.72	5.4		8.4	8.4	86		0.17	13		11.99	13.15	8.61
14.0	1239	3.0			0.70	5.1		8.4	8.3	86		0.16	12		12.75	13.01	9.22
14.0	1239	4.0			0.67	4.9		8.4	8.3	86		0.14	11		13.37	12.99	9.70
14.0	1239	5.0			0.65	4.6		8.3	8.2	85		0.13	11		13.79	12.99	10.03
14.0	1239	6.0			0.63	4.4		8.3	8.2	86		0.13	10		14.26	12.99	10.38
14.0	1239	7.0			0.62	4.3		8.3	8.2	86		0.12	10		14.70	12.99	10.72
14.0	1239	8.0			0.61	4.2		8.3	8.2	86		0.13	10		14.96	13.00	10.93
14.0	1239	9.0			0.58	3.8		8.3	8.2	86		0.13	11		15.27	13.01	11.16

North San Francisco Bay

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
14.0	1239	10.0			0.50	2.9		8.1	8.0	85		0.15	12		17.92	13.04	13.20
14.0	1239	11.0			0.42	2.0		7.8	7.7	85		0.17	13		22.57	13.05	16.77
14.0	1239	12.0			0.38	1.5		7.8	7.7	85		0.14	11		23.27	13.05	17.32
14.0	1239	13.0			0.37	1.4		7.8	7.7	84		0.12	10		23.40	13.05	17.42
14.0	1239	14.0			0.37	1.5		7.8	7.7	85		0.12	10		23.62	13.05	17.59
15.0	1219	1.0			0.91	7.5		9.1	9.0	90		0.18	14	1.6	8.18	13.10	5.69
15.0	1219	2.0			0.86	7.0	8.9	8.9	8.8	89		0.17	13		8.54	12.94	5.99
15.0	1219	3.0	7.2	0.87	0.75	5.8		8.8	8.7	87		0.17	13		8.90	12.80	6.29
15.0	1219	4.0			0.66	4.7		8.9	8.8	88		0.18	14		9.32	12.68	6.63
15.0	1219	5.0			0.60	4.0		8.6	8.6	88		0.19	14		12.03	12.86	8.69
15.0	1219	6.0			0.56	3.5		8.6	8.6	88		0.19	14		12.35	12.93	8.93
15.0	1219	7.0			0.52	3.1		8.5	8.4	87		0.19	14		12.95	13.04	9.37
15.0	1219	8.0			0.48	2.7		8.3	8.2	86		0.15	12		15.73	13.02	11.52
15.0	1219	9.0			0.44	2.3		8.2	8.1	86		0.12	10		18.38	12.99	13.56
15.0	1219	10.0			0.41	1.9		8.0	8.0	86		0.17	13		20.04	13.01	14.84
15.0	1219	11.0			0.39	1.7		7.9	7.8	85		0.14	11		21.93	13.04	16.28
15.0	1219	12.0			0.39	1.7		7.9	7.8	85		0.16	13		22.57	13.04	16.78
15.0	1219	13.0			0.39	1.6		7.8	7.8	85		0.17	13		22.81	13.05	16.97
15.0	1219	14.0			0.39	1.7		7.8	7.7	85		0.16	13		22.91	13.05	17.04
15.0	1219	15.0			0.40	1.8		7.8	7.7	85		0.19	14		22.98	13.05	17.09
15.0	1219	16.0			0.40	1.8		7.8	7.7	85		0.18	14		23.13	13.05	17.21
15.0	1219	17.0			0.40	1.8		7.8	7.7	85		0.17	13		23.39	13.05	17.41
15.0	1219	18.0			0.40	1.7		7.8	7.7	85		0.17	13		23.77	13.06	17.70
15.0	1219	19.0			0.40	1.8		7.7	7.7	85		0.19	14		24.34	13.06	18.14
15.0	1219	20.0			0.41	1.9		7.7	7.7	85		0.37	24		24.86	13.07	18.54
15.0	1219	21.0			0.42	2.1		7.7	7.6	85		0.59	37		25.42	13.07	18.97
15.0	1219	22.0			0.42	2.0		7.7	7.6	85		0.59	37		25.43	13.07	18.98
16.0	1147	1.0			0.56	3.6		8.5	8.5	85		0.14	12	1.3	9.73	12.82	6.92
16.0	1147	2.0			0.57	3.7		8.5	8.4	85		0.14	11		10.18	12.76	7.28
16.0	1147	3.0			0.55	3.5		8.6	8.5	86		0.15	12		10.82	12.67	7.79
16.0	1147	4.0			0.52	3.2		8.5	8.4	86		0.15	12		12.33	12.77	8.94
16.0	1147	5.0			0.50	2.9		8.4	8.3	86		0.15	12		13.61	12.83	9.91
16.0	1147	6.0			0.47	2.6		8.2	8.1	85		0.14	11		15.32	12.91	11.22
16.0	1147	7.0			0.47	2.5		8.1	8.1	85		0.14	11		16.58	12.90	12.19
16.0	1147	8.0			0.46	2.5		8.1	8.1	85		0.14	11		16.96	12.91	12.48
16.0	1147	9.0			0.44	2.3		7.9	7.9	85		0.18	14		20.75	12.99	15.39
16.0	1147	10.0			0.41	1.9		7.8	7.7	85		0.17	13		23.74	13.05	17.68
16.0	1147	11.0			0.39	1.7		7.7	7.6	84		0.16	13		24.76	13.07	18.46
16.0	1147	12.0			0.38	1.5		7.7	7.6	84		0.16	12		25.17	13.07	18.78
16.0	1147	13.0			0.37	1.5		7.6	7.5	84		0.16	13		25.31	13.07	18.89
16.0	1147	14.0			0.37	1.5		7.6	7.5	84		0.17	13		25.43	13.08	18.98

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
17.0	1125	1.0			0.53	3.3		8.4	8.4	85		0.12	10	1.2	11.29	12.83	8.13
17.0	1125	2.0			0.52	3.2		8.5	8.4	86		0.12	10		11.92	12.70	8.63
17.0	1125	3.0			0.49	2.8		8.6	8.5	87		0.13	10		13.17	12.69	9.59
17.0	1125	4.0			0.45	2.3		8.2	8.1	86		0.12	10		17.84	12.93	13.15
17.0	1125	5.0			0.41	1.9		7.9	7.9	85		0.12	10		21.22	13.01	15.74
17.0	1125	6.0			0.39	1.6		7.9	7.8	85		0.10	9		22.54	13.03	16.76
17.0	1125	7.0			0.37	1.4		7.8	7.7	85		0.09	8		24.19	13.06	18.03
17.0	1125	8.0			0.35	1.3		7.7	7.6	85		0.09	8		25.26	13.07	18.85
17.0	1125	9.0			0.34	1.1		7.6	7.6	84		0.07	7		25.70	13.07	19.19
17.0	1125	10.0			0.34	1.1		7.6	7.5	84		0.07	7		25.96	13.08	19.39
17.0	1125	11.0			0.34	1.1		7.6	7.5	84		0.07	7		26.12	13.08	19.51
17.0	1125	12.0			0.34	1.1		7.6	7.5	84		0.08	8		26.42	13.07	19.75
18.0	1101	1.0			0.40	1.8		8.0	7.9	86		0.01	4	0.7	21.36	13.06	15.85
18.0	1101	2.0		0.74	0.40	1.8	7.9	8.0	7.9	86	4.0	0.01	4		21.72	13.02	16.13
18.0	1101	3.0			0.39	1.7		7.9	7.8	86		0.02	5		22.29	12.98	16.57
18.0	1101	4.0			0.38	1.6		7.9	7.8	86		0.02	4		22.53	12.97	16.76
18.0	1101	5.0			0.38	1.5		7.9	7.8	86		0.02	4		22.62	12.98	16.83
18.0	1101	6.0			0.37	1.5		7.9	7.8	86		0.02	4		22.64	12.98	16.84
18.0	1101	7.0			0.37	1.5		7.9	7.8	86		0.02	4		22.78	12.99	16.95
18.0	1101	8.0			0.37	1.5		7.9	7.8	86		0.02	4		23.11	13.01	17.20
18.0	1101	9.0			0.36	1.4		7.9	7.8	86		0.02	5		23.46	13.02	17.47
18.0	1101	10.0			0.36	1.3		7.8	7.8	86		0.03	5		23.80	13.07	17.72
18.0	1101	11.0			0.35	1.2		7.8	7.8	86		0.03	5		23.88	13.08	17.78
18.0	1101	12.0			0.36	1.3		7.8	7.8	86		0.03	5		23.87	13.08	17.78
18.0	1101	13.0			0.35	1.3		7.8	7.8	86		0.04	5		23.89	13.08	17.79
18.0	1101	14.0			0.36	1.3		7.8	7.8	86		0.04	5		23.90	13.08	17.80
18.0	1101	15.0			0.36	1.3		7.8	7.7	86		0.04	5		23.91	13.08	17.81
18.0	1101	16.0			0.35	1.2		7.8	7.7	85		0.04	6		24.89	13.07	18.56
18.0	1101	17.0			0.35	1.2		7.7	7.6	85		0.05	6		25.25	13.07	18.84
18.0	1101	18.0			0.35	1.2		7.7	7.6	85		0.06	7		25.90	13.08	19.34
18.0	1101	19.0			0.35	1.2		7.7	7.6	85		0.05	6		26.37	13.09	19.70
18.0	1101	20.0			0.35	1.2		7.7	7.6	85		0.05	6		26.47	13.09	19.78
18.0	1101	21.0			0.35	1.2		7.7	7.6	85		0.04	6		26.51	13.09	19.81
18.0	1101	22.0			0.34	1.1		7.7	7.6	85		0.04	6		26.51	13.09	19.81
18.0	1101	23.0			0.34	1.1		7.7	7.6	85		0.04	6		26.51	13.09	19.81
18.0	1101	24.0			0.35	1.2		7.7	7.6	85		0.04	6		26.49	13.09	19.80
18.0	1101	25.0			0.34	1.1		7.7	7.6	85		0.05	6		26.56	13.10	19.85
18.0	1101	26.0			0.34	1.1		7.7	7.6	85		0.05	6		26.75	13.11	20.00
18.0	1101	27.0			0.34	1.1		7.7	7.6	85		0.05	6		26.87	13.11	20.08
18.0	1101	28.0			0.34	1.1		7.7	7.6	85		0.05	6		26.94	13.11	20.14
18.0	1101	29.0			0.35	1.2		7.6	7.5	85		0.05	6		27.19	13.12	20.33
18.0	1101	30.0			0.35	1.2		7.6	7.5	85		0.05	6		27.38	13.12	20.47

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1101	31.0			0.35	1.2		7.6	7.5	85		0.06	7		27.70	13.12	20.72
18.0	1101	32.0			0.34	1.1		7.6	7.5	85		0.06	7		27.89	13.12	20.87
18.0	1101	33.0			0.34	1.1		7.6	7.5	85		0.06	6		28.12	13.12	21.05
18.0	1101	34.0			0.33	1.0		7.6	7.5	85		0.06	7		28.30	13.12	21.19
18.0	1101	35.0			0.33	1.0		7.6	7.5	85		0.06	7		28.42	13.12	21.28
18.0	1101	36.0			0.34	1.1		7.6	7.5	85		0.06	7		28.44	13.12	21.30
18.0	1101	37.0			0.33	0.9		7.6	7.5	85		0.06	7		28.44	13.12	21.30
18.0	1101	38.0			0.32	0.9		7.6	7.5	85		0.06	7		28.47	13.12	21.32
18.0	1101	39.0			0.31	0.8		7.6	7.5	85		0.06	7		28.50	13.12	21.34
18.0	1101	40.0			0.31	0.8		7.6	7.5	85		0.06	7		28.66	13.12	21.47
18.0	1101	41.0			0.32	0.8		7.6	7.5	85		0.06	7		28.85	13.12	21.61
18.0	1101	42.0			0.32	0.8		7.6	7.5	85		0.06	7		29.11	13.12	21.81
18.0	1101	43.0	1.9	0.84	0.31	0.8		7.6	7.5	86		0.08	8		29.24	13.12	21.91

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	15	0.923	11.337	-2.755	0.412
OBS Calibration:	7	0.991	57.394	3.286	1.201
Dissolved Oxygen Calibration:	3	0.951	1.040	-0.398	0.153

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1220	1.0			1.72	14.3		7.9	10.8	120		0.43	24	2.2	18.07	14.97	12.97
36.0	1220	2.0	13.1	0.82	1.71	14.2	9.9	8.0	10.9	120	32.4	0.46	25		18.36	14.54	13.27
36.0	1220	3.0			1.77	14.7		8.1	11.0	121		0.49	26		18.69	14.32	13.56
36.0	1220	4.0			1.80	15.0		8.2	11.1	122		0.54	28		18.74	14.31	13.60
36.0	1220	5.0			1.94	16.3		8.2	11.2	123		0.62	30		18.77	14.32	13.63
36.0	1220	6.0			2.04	17.3		8.3	11.3	124		0.62	30		18.80	14.34	13.65
36.0	1220	7.0			1.98	16.7		8.3	11.3	124		0.64	31		18.84	14.35	13.67
36.0	1220	8.0			1.92	16.1		8.3	11.3	125		0.65	31		18.83	14.35	13.67
36.0	1220	9.0			1.83	15.3		8.3	11.3	125		0.66	32		18.83	14.36	13.67
36.0	1220	10.0	18.9	0.80	1.80	15.0		8.3	11.3	124		0.69	33		18.83	14.37	13.66
35.0	1209	1.0			2.09	17.8		9.4	12.9	145		0.16	14	1.7	18.95	15.19	13.60
35.0	1209	2.0			2.27	19.4		9.5	13.1	146		0.16	14		18.99	14.88	13.69
35.0	1209	3.0			2.46	21.2		9.5	13.0	145		0.18	15		19.01	14.80	13.72
35.0	1209	4.0			2.49	21.5		9.3	12.7	141		0.20	16		19.04	14.74	13.76
35.0	1209	5.0			2.44	21.1		9.1	12.5	139		0.22	16		19.08	14.55	13.82
35.0	1209	6.0			2.55	22.1		9.1	12.4	137		0.25	17		19.10	14.33	13.88
35.0	1209	7.0			2.58	22.4		9.0	12.3	135		0.28	18		19.10	14.28	13.88
35.0	1209	8.0			2.48	21.4		8.9	12.2	134		0.29	19		19.10	14.24	13.89
35.0	1209	9.0			2.50	21.6		9.0	12.4	136		0.34	21		19.09	14.22	13.89
34.0	1156	1.0			2.41	20.8		8.7	11.9	131		0.43	24	2.4	19.17	14.20	13.96
34.0	1156	2.0			2.36	20.3		8.7	11.9	131		0.43	24		19.17	14.20	13.96
34.0	1156	3.0			2.35	20.3		8.7	12.0	131		0.43	24		19.19	14.20	13.97
34.0	1156	4.0			2.43	21.0		8.7	11.9	131		0.46	25		19.20	14.19	13.98
34.0	1156	5.0			2.42	20.9		8.7	11.9	131		0.46	25		19.22	14.19	13.99
34.0	1156	6.0			2.41	20.8		8.7	11.9	131		0.47	25		19.22	14.19	14.00
34.0	1156	7.0			2.37	20.4		8.7	11.9	131		0.50	26		19.26	14.18	14.03
34.0	1156	8.0			2.30	19.7		8.7	11.9	131		0.55	28		19.27	14.18	14.04
34.0	1156	9.0			2.32	20.0		8.7	11.9	131		0.59	30		19.28	14.17	14.05
34.0	1156	10.0			2.32	20.0		8.7	11.9	131		0.62	30		19.29	14.17	14.05
34.0	1156	11.0			2.31	19.8		8.7	11.9	131		0.65	31		19.29	14.17	14.06
33.0	1143	1.0			3.16	27.8		11.0	15.1	165		0.22	16	1.8	18.36	14.16	13.34
33.0	1143	2.0			3.14	27.7		10.8	14.9	163		0.19	15		18.56	14.19	13.49
33.0	1143	3.0			3.04	26.7		10.3	14.2	156		0.23	17		18.84	14.24	13.69
33.0	1143	4.0			3.04	26.7		9.9	13.6	150		0.27	18		18.97	14.25	13.79
33.0	1143	5.0			2.79	24.3		9.7	13.3	146		0.29	19		19.03	14.12	13.86
33.0	1143	6.0			2.65	23.0		9.6	13.2	144		0.31	20		19.05	14.10	13.88
33.0	1143	7.0			2.69	23.5		9.5	13.0	143		0.33	20		19.07	14.08	13.90
33.0	1143	8.0			2.83	24.8		9.5	13.0	142		0.34	21		19.09	14.08	13.92
33.0	1143	9.0			3.00	26.3		9.4	12.9	142		0.33	20		19.12	14.08	13.94
33.0	1143	10.0			2.99	26.2		9.4	12.9	141		0.34	20		19.13	14.08	13.95

South San Francisco Bay

16 March 1995

95075

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
33.0	1143	11.0			2.89	25.3		9.4	12.8	141		0.33	20		19.17	14.09	13.97
33.0	1143	12.0			2.81	24.5		9.3	12.8	140		0.32	20		19.24	14.10	14.03
33.0	1143	13.0			2.79	24.4		9.2	12.6	139		0.35	21		19.34	14.14	14.10
33.0	1143	14.0			2.79	24.4		9.2	12.6	139		0.39	22		19.42	14.15	14.15
32.0	1133	1.0			3.42	30.3		11.0	15.2	165		0.08	11	1.8	17.93	14.02	13.04
32.0	1133	2.0	33.5	0.87	3.37	29.9	14.6	10.7	14.8	161	19.5	0.16	14		18.36	14.12	13.35
32.0	1133	3.0			3.20	28.2		10.4	14.3	156		0.19	15		18.63	14.12	13.56
32.0	1133	4.0			3.09	27.2		10.1	13.9	152		0.22	16		18.85	14.04	13.74
32.0	1133	5.0			3.00	26.3		9.8	13.5	148		0.23	17		19.11	14.06	13.93
32.0	1133	6.0			2.77	24.1		9.6	13.2	145		0.26	18		19.31	14.10	14.08
32.0	1133	7.0			2.61	22.7		9.4	12.9	142		0.28	19		19.51	14.15	14.23
32.0	1133	8.0			2.70	23.5		9.3	12.7	140		0.30	19		19.64	14.18	14.32
32.0	1133	9.0			2.70	23.5		9.2	12.6	139		0.41	23		19.68	14.19	14.35
32.0	1133	10.0			2.70	23.6		9.1	12.5	137		0.49	26		19.69	14.19	14.36
32.0	1133	11.0			2.73	23.8		9.0	12.4	137		0.55	28		19.70	14.19	14.36
32.0	1133	12.0			2.62	22.7		9.0	12.3	136		0.63	31		19.70	14.19	14.36
32.0	1133	13.0	23.2	0.75	2.58	22.4		9.0	12.4	137		0.77	36		19.70	14.19	14.37
31.0	1116	1.0			3.79	33.8		10.4	14.3	155		0.19	15	1.8	17.51	14.00	12.72
31.0	1116	2.0	32.8	0.86	3.97	35.5		10.3	14.2	154		0.19	15		18.01	14.00	13.10
31.0	1116	3.0			3.82	34.0		10.2	14.0	153		0.24	17		18.39	14.02	13.39
31.0	1116	4.0			3.50	31.1		10.1	13.9	152		0.21	16		18.50	14.03	13.47
31.0	1116	5.0			3.43	30.4		10.0	13.8	150		0.22	17		18.59	14.03	13.55
31.0	1116	6.0			3.22	28.5		9.9	13.6	149		0.25	17		18.69	14.02	13.62
31.0	1116	7.0			3.10	27.3		9.8	13.4	147		0.27	18		18.77	14.01	13.69
31.0	1116	8.0			3.04	26.8		9.7	13.3	145		0.28	19		18.93	14.03	13.80
31.0	1116	9.0			3.07	27.0		9.5	13.1	143		0.28	18		19.07	14.05	13.91
31.0	1116	10.0			3.16	27.9		9.5	13.1	143		0.27	18		19.13	14.06	13.95
31.0	1116	11.0			3.11	27.3		9.5	13.0	142		0.26	18		19.18	14.06	13.99
31.0	1116	12.0			3.16	27.9		9.4	12.9	142		0.27	18		19.29	14.08	14.07
31.0	1116	13.0			3.21	28.3		9.4	12.9	142		0.28	19		19.35	14.09	14.11
30.0	1100	1.0			2.94	25.7		10.1	13.8	147		0.08	11	1.5	15.18	13.64	10.99
30.0	1100	2.0	28.1	0.88	3.13	27.5	13.7	9.9	13.7	146	11.8	0.08	11		16.32	13.70	11.85
30.0	1100	3.0			3.01	26.4		9.8	13.4	145		0.08	11		17.16	13.75	12.49
30.0	1100	4.0			2.82	24.6		9.7	13.3	144		0.09	12		17.82	13.87	12.98
30.0	1100	5.0			2.87	25.1		9.6	13.2	144		0.11	12		18.29	13.95	13.32
30.0	1100	6.0			2.95	25.8		9.5	13.0	142		0.26	18		19.08	14.02	13.92
30.0	1100	7.0			2.99	26.2		9.4	12.8	141		0.16	14		19.28	14.03	14.07
30.0	1100	8.0			3.04	26.8		9.3	12.8	140		0.21	16		19.37	14.04	14.14
30.0	1100	9.0			2.98	26.2		9.3	12.7	139		0.26	18		19.42	14.04	14.18
30.0	1100	10.0			2.96	25.9		9.2	12.7	139		0.30	19		19.47	14.05	14.22

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
30.0	1100	11.0			2.97	26.0	9.2	12.6	139		0.39	22		19.56	14.06	14.28
30.0	1100	12.0	26.2	0.77	2.97	26.0	9.2	12.6	139		0.49	26		19.63	14.06	14.34
29.5	1046	1.0			1.97	16.7	9.4	12.9	135		0.16	14	1.3	13.64	13.52	9.82
29.5	1046	2.0	18.8	0.92	2.16	18.4	9.5	13.0	137		0.08	11		14.38	13.51	10.39
29.5	1046	3.0			2.56	22.2	9.5	13.0	138		0.08	11		15.21	13.61	11.02
29.5	1046	4.0			2.75	24.0	9.4	13.0	138		0.08	12		16.20	13.73	11.76
29.5	1046	5.0			2.84	24.9	9.4	12.9	139		0.10	12		17.51	13.85	12.74
29.5	1046	6.0			2.95	25.9	9.4	12.9	140		0.11	12		18.03	13.89	13.14
29.5	1046	7.0			2.93	25.7	9.3	12.8	139		0.12	13		18.28	13.92	13.32
29.5	1046	8.0			2.92	25.6	9.3	12.8	139		0.14	14		18.56	13.94	13.53
29.5	1046	9.0			2.93	25.6	9.2	12.6	138		0.14	14		19.17	13.98	14.00
29.5	1046	10.0			2.81	24.5	9.1	12.4	136		0.16	14		19.50	13.99	14.25
29.5	1046	11.0			2.69	23.4	8.9	12.2	135		0.23	17		19.87	13.99	14.53
29.5	1046	12.0			2.79	24.3	8.9	12.1	134		0.35	21		19.97	13.99	14.61
29.5	1046	13.0			2.86	25.0	8.8	12.1	133		0.43	24		20.00	13.99	14.63
29.5	1046	14.0			2.78	24.3	8.8	12.1	133		0.50	26		20.02	13.99	14.65
29.5	1046	15.0			2.78	24.2	8.8	12.1	133		0.54	28		20.02	13.99	14.65
29.5	1046	16.0			2.79	24.4	8.8	12.0	132		0.56	28		20.02	13.99	14.65
29.0	1030	1.0			1.47	11.9	9.0	12.3	128		0.13	13	1.3	12.85	13.52	9.22
29.0	1030	2.0	12.9	0.84	1.56	12.8	9.0	12.3	128		0.11	13		13.06	13.36	9.41
29.0	1030	3.0			1.64	13.5	9.0	12.4	129		0.12	13		13.59	13.42	9.80
29.0	1030	4.0			1.94	16.4	9.2	12.6	133		0.10	12		14.83	13.52	10.74
29.0	1030	5.0			2.39	20.6	9.4	12.9	137		0.10	12		15.88	13.69	11.51
29.0	1030	6.0			2.63	22.9	9.4	12.8	138		0.14	14		16.77	13.79	12.19
29.0	1030	7.0			2.62	22.8	9.3	12.7	138		0.14	14		17.55	13.85	12.77
29.0	1030	8.0			2.67	23.3	9.3	12.7	138		0.14	14		17.98	13.88	13.10
29.0	1030	9.0			2.77	24.1	9.1	12.4	136		0.13	13		19.20	13.98	14.02
29.0	1030	10.0			2.79	24.4	8.9	12.2	134		0.28	18		19.85	13.96	14.52
29.0	1030	11.0			2.84	24.8	8.8	12.1	133		0.35	21		19.95	13.95	14.60
29.0	1030	12.0			2.81	24.5	8.8	12.0	132		0.39	22		20.04	13.94	14.67
29.0	1030	13.0			2.75	24.0	8.7	12.0	131		0.45	24		20.09	13.94	14.71
29.0	1030	14.0			2.75	24.0	8.7	11.9	131		0.54	28		20.17	13.94	14.77
29.0	1030	15.0			2.77	24.2	8.7	11.9	131		0.58	29		20.19	13.94	14.78
29.0	1030	16.0			2.77	24.2	8.7	11.9	131		0.64	31		20.19	13.94	14.79
28.5	1024	1.0			1.50	12.2	9.0	12.4	128		0.10	12	1.0	12.98	13.32	9.35
28.5	1024	2.0	11.7	0.93	1.51	12.3	9.0	12.3	128	9.9	0.11	12		13.13	13.33	9.46
28.5	1024	3.0			1.45	11.8	9.0	12.4	129		0.11	12		13.27	13.34	9.57
28.5	1024	4.0			1.70	14.1	9.0	12.4	129		0.11	13		13.69	13.39	9.89
28.5	1024	5.0			2.00	16.9	9.0	12.4	130		0.11	13		14.73	13.47	10.67
28.5	1024	6.0			2.11	17.9	9.1	12.5	132		0.12	13		15.01	13.49	10.89

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
28.5	1024	7.0			2.33	20.1		9.3	12.7	135		0.10	12		15.51	13.58	11.26
28.5	1024	8.0			2.55	22.1		9.4	12.8	137		0.09	12		16.26	13.69	11.81
28.5	1024	9.0			2.75	24.0		9.4	12.9	138		0.15	14		16.89	13.76	12.28
28.5	1024	10.0			2.91	25.5		9.3	12.7	138		0.20	16		17.92	13.87	13.06
28.5	1024	11.0			2.83	24.8		9.1	12.4	136		0.18	15		19.35	13.92	14.14
28.5	1024	12.0			2.81	24.5		8.9	12.2	134		0.26	18		19.81	13.93	14.49
28.5	1024	13.0			2.83	24.8		8.8	12.0	132		0.33	20		20.07	13.91	14.70
28.5	1024	14.0			2.79	24.3		8.7	11.9	131		0.54	28		20.20	13.91	14.80
28.5	1024	15.0			2.73	23.8		8.7	11.9	131		0.75	35		20.22	13.90	14.82
28.5	1024	16.0			2.81	24.6		8.7	11.8	130		0.91	41		20.23	13.91	14.82
28.5	1024	17.0	25.0	0.74	2.87	25.1		8.7	11.9	131		1.30	55		20.24	13.91	14.83
28.0	1014	1.0			1.69	14.0		9.5	13.1	137		0.06	11	1.2	13.50	13.62	9.70
28.0	1014	2.0			1.82	15.3		9.5	13.1	137		0.06	11		13.86	13.53	9.99
28.0	1014	3.0			1.98	16.8		9.5	13.0	136		0.06	11		14.01	13.48	10.11
28.0	1014	4.0			2.04	17.3		9.4	12.9	136		0.06	11		14.13	13.42	10.22
28.0	1014	5.0			2.04	17.3		9.4	12.9	136		0.06	11		14.20	13.43	10.27
28.0	1014	6.0			2.10	17.9		9.4	12.9	135		0.07	11		14.27	13.42	10.33
28.0	1014	7.0			2.11	18.0		9.4	12.9	135		0.07	11		14.34	13.42	10.38
28.0	1014	8.0			2.08	17.7		9.3	12.8	135		0.07	11		14.83	13.46	10.75
28.0	1014	9.0			2.16	18.4		9.4	12.9	137		0.09	12		15.89	13.58	11.54
28.0	1014	10.0			2.44	21.1		9.3	12.7	138		0.10	12		18.04	13.85	13.15
28.0	1014	11.0			2.78	24.2		9.3	12.7	139		0.11	12		18.58	13.92	13.56
28.0	1014	12.0			2.90	25.4		9.2	12.7	138		0.11	12		18.69	13.91	13.64
28.0	1014	13.0			2.94	25.7		9.1	12.4	136		0.17	15		19.39	13.92	14.17
28.0	1014	14.0			2.97	26.0		9.0	12.3	135		0.31	20		19.83	13.91	14.52
28.0	1014	15.0			2.89	25.3		8.9	12.2	133		0.39	22		19.91	13.90	14.58
28.0	1014	16.0			2.91	25.5		8.9	12.2	134		0.43	24		19.92	13.90	14.59
27.0	1001	1.0			1.35	10.8		8.9	12.2	126		0.15	14	1.3	12.06	13.51	8.61
27.0	1001	2.0	14.1	0.92	1.55	12.7	12.7	9.0	12.3	129	8.3	0.09	12		14.05	13.51	10.14
27.0	1001	3.0			1.84	15.4		8.9	12.3	130		0.08	11		15.28	13.63	11.07
27.0	1001	4.0			2.10	17.9		9.0	12.4	132		0.07	11		15.82	13.66	11.48
27.0	1001	5.0			2.26	19.4		9.1	12.5	133		0.07	11		15.91	13.66	11.55
27.0	1001	6.0			2.36	20.3		9.1	12.5	134		0.08	11		16.59	13.73	12.06
27.0	1001	7.0			2.50	21.6		9.1	12.4	134		0.09	12		17.36	13.79	12.64
27.0	1001	8.0			2.71	23.6		9.2	12.6	136		0.10	12		17.56	13.82	12.79
27.0	1001	9.0			2.73	23.8		9.2	12.6	136		0.10	12		18.03	13.86	13.14
27.0	1001	10.0			2.57	22.3		9.0	12.4	135		0.12	13		18.85	13.88	13.77
27.0	1001	11.0			2.58	22.4		8.9	12.1	133		0.13	13		19.47	13.89	14.25
27.0	1001	12.0			2.72	23.7		8.7	11.9	131		0.27	18		20.11	13.86	14.74
27.0	1001	13.0	25.6	0.86	2.73	23.8		8.7	11.9	131		0.32	20		20.14	13.86	14.76

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
26.0	0948	1.0			1.76	14.6		9.0	12.4	130		0.11	13	1.2	13.53	13.55	9.74
26.0	0948	2.0			1.91	16.1		9.1	12.4	131		0.08	12		14.21	13.52	10.26
26.0	0948	3.0			1.89	15.9		9.1	12.4	132		0.09	12		15.47	13.61	11.21
26.0	0948	4.0			1.92	16.2		9.1	12.5	134		0.09	12		16.47	13.70	11.97
26.0	0948	5.0			2.09	17.8		8.9	12.1	132		0.10	12		19.28	13.88	14.10
26.0	0948	6.0			2.45	21.1		8.8	12.0	132		0.11	12		19.65	13.89	14.38
26.0	0948	7.0			2.55	22.1		8.7	11.9	131		0.11	13		19.72	13.88	14.44
26.0	0948	8.0			2.42	20.9		8.7	11.8	130		0.14	13		19.85	13.85	14.54
26.0	0948	9.0			2.42	20.9		8.5	11.7	128		0.26	18		20.11	13.83	14.74
26.0	0948	10.0			2.36	20.3		8.5	11.6	128		0.30	19		20.16	13.82	14.78
26.0	0948	11.0			2.36	20.3		8.6	11.7	128		0.32	20		20.18	13.82	14.80
25.0	0935	1.0			1.81	15.1		8.6	11.7	123		0.10	12	1.3	13.95	13.51	10.07
25.0	0935	2.0			1.81	15.1		8.5	11.7	124		0.10	12		15.19	13.55	11.02
25.0	0935	3.0			1.89	15.9		8.7	11.8	126		0.09	12		15.69	13.70	11.37
25.0	0935	4.0			2.02	17.1		8.6	11.8	127		0.09	12		16.09	13.83	11.66
25.0	0935	5.0			2.04	17.3		8.6	11.7	126		0.10	12		16.90	13.72	12.29
25.0	0935	6.0			2.19	18.7		8.6	11.7	126		0.11	13		17.87	13.73	13.04
25.0	0935	7.0			2.38	20.5		8.6	11.7	127		0.15	14		18.87	13.78	13.80
25.0	0935	8.0			2.43	21.0		8.6	11.7	127		0.23	17		19.16	13.79	14.02
25.0	0935	9.0			2.41	20.8		8.5	11.6	127		0.27	18		19.34	13.79	14.16
24.0	0923	1.0			0.78	5.4		8.2	11.1	112		0.35	21	2.0	8.96	12.90	6.32
24.0	0923	2.0			0.81	5.7	11.6	8.3	11.3	114	19.8	0.35	21		9.70	12.94	6.88
24.0	0923	3.0		4.5	0.96	7.2		8.3	11.4	116		0.34	21		11.02	13.09	7.88
24.0	0923	4.0			1.21	9.5		8.4	11.5	119		0.31	19		12.49	13.30	8.98
24.0	0923	5.0			1.51	12.3		8.4	11.5	121		0.24	17		14.12	13.59	10.18
24.0	0923	6.0			1.76	14.6		8.4	11.4	122		0.18	15		15.70	13.70	11.38
24.0	0923	7.0			1.82	15.3		8.4	11.4	122		0.26	18		16.07	13.71	11.66
24.0	0923	8.0			1.92	16.2		8.4	11.4	122		0.32	20		16.15	13.70	11.72
24.0	0923	9.0			2.08	17.7		8.4	11.4	122		0.38	22		16.27	13.70	11.82
24.0	0923	10.0			2.22	19.0		8.3	11.4	122		0.37	22		16.34	13.68	11.87
24.0	0923	11.0		11.0	0.92	19.1		8.4	11.4	122		0.44	24		16.40	13.67	11.92
23.0	0909	1.0			0.87	6.3		8.1	11.1	112		0.41	23	2.1	9.98	13.01	7.09
23.0	0909	2.0			0.94	7.0		8.1	11.1	113		0.41	23		10.74	13.06	7.67
23.0	0909	3.0			1.02	7.7		8.2	11.1	114		0.42	23		11.22	13.11	8.03
23.0	0909	4.0			1.02	7.7		8.2	11.2	115		0.41	23		11.92	13.21	8.55
23.0	0909	5.0			1.09	8.4		8.2	11.3	117		0.36	21		12.55	13.30	9.02
23.0	0909	6.0			1.29	10.2		8.4	11.4	119		0.29	19		13.22	13.42	9.52
23.0	0909	7.0			1.58	12.9		8.4	11.4	121		0.17	15		14.31	13.61	10.33
23.0	0909	8.0			1.72	14.3		8.3	11.4	121		0.14	13		14.77	13.65	10.67
23.0	0909	9.0			1.69	14.0		8.3	11.4	120		0.15	14		15.19	13.62	11.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
23.0	0909	10.0			1.62	13.4		8.3	11.4	121		0.16	14		15.51	13.66	11.24
23.0	0909	11.0			1.69	14.0		8.4	11.4	121		0.17	14		15.75	13.70	11.42
23.0	0909	12.0			1.79	14.9		8.3	11.4	121		0.26	18		16.10	13.69	11.69
23.0	0909	13.0			1.81	15.1		8.3	11.3	121		0.45	25		16.41	13.67	11.93
23.0	0909	14.0			1.81	15.1		8.3	11.3	120		0.63	31		16.52	13.66	12.02
23.0	0909	15.0			1.72	14.3		8.2	11.3	120		0.73	34		16.56	13.66	12.04
23.0	0909	16.0			1.72	14.3		8.3	11.3	120		0.77	36		16.59	13.66	12.07
22.0	0854	1.0			0.61	3.8		8.1	11.0	109		0.72	34	3.0	7.68	12.69	5.36
22.0	0854	2.0			0.61	3.9		8.1	11.0	109		0.70	33		7.95	12.70	5.57
22.0	0854	3.0			0.64	4.1		8.1	11.0	109		0.69	33		8.16	12.72	5.73
22.0	0854	4.0			0.65	4.3		8.1	11.1	111		0.68	32		8.70	12.76	6.14
22.0	0854	5.0			0.73	4.9		8.2	11.2	113		0.68	33		10.12	12.89	7.22
22.0	0854	6.0			0.89	6.5		8.2	11.1	114		0.71	34		11.40	13.04	8.18
22.0	0854	7.0			0.99	7.5		8.1	11.0	114		0.72	34		12.81	13.19	9.24
22.0	0854	8.0			1.03	7.8		8.1	11.1	116		0.64	31		14.09	13.30	10.20
22.0	0854	9.0			1.05	7.9		8.0	11.0	115		0.55	28		15.06	13.37	10.94
22.0	0854	10.0			1.10	8.5		8.0	10.9	116		0.51	27		15.62	13.41	11.37
22.0	0854	11.0			1.13	8.7		8.0	10.9	116		0.46	25		16.11	13.44	11.74
22.0	0854	12.0			1.12	8.6		8.0	10.8	115		0.38	22		16.64	13.45	12.14
22.0	0854	13.0			1.14	8.8		8.0	10.8	116		0.40	23		16.69	13.45	12.18
22.0	0854	14.0			1.21	9.5		8.0	10.9	116		0.39	22		16.72	13.45	12.20
22.0	0854	15.0			1.33	10.6		8.0	10.9	116		0.44	24		16.80	13.46	12.26
22.0	0854	16.0			1.41	11.3		8.0	10.9	116		0.48	26		16.85	13.48	12.30
22.0	0854	17.0			1.43	11.5		8.0	10.9	116		0.57	29		16.93	13.50	12.36
22.0	0854	18.0			1.42	11.5		8.0	10.9	116		0.83	38		17.08	13.52	12.47
21.0	0840	1.0			0.69	4.6		8.2	11.2	113		0.55	28	2.7	10.06	12.89	7.17
21.0	0840	2.0	4.7	0.84	0.69	4.6	11.5	8.2	11.1	113	20.9	0.53	27		10.39	12.94	7.42
21.0	0840	3.0			0.71	4.8		8.2	11.2	113		0.53	27		10.42	12.95	7.43
21.0	0840	4.0			0.71	4.8		8.2	11.2	113		0.54	28		10.40	12.96	7.42
21.0	0840	5.0			0.73	5.0		8.2	11.2	113		0.53	27		10.29	12.96	7.33
21.0	0840	6.0			0.77	5.3		8.2	11.2	113		0.54	28		10.38	12.97	7.41
21.0	0840	7.0			0.80	5.6		8.2	11.2	114		0.59	29		10.76	12.99	7.69
21.0	0840	8.0			0.81	5.7		8.2	11.2	114		0.66	32		11.16	13.02	8.00
21.0	0840	9.0			0.81	5.8		8.2	11.1	114		0.70	33		11.40	13.04	8.18
21.0	0840	10.0			0.81	5.8		8.2	11.2	115		0.70	33		11.72	13.07	8.42
21.0	0840	11.0			0.90	6.6		8.3	11.3	116		0.65	32		12.42	13.14	8.95
21.0	0840	12.0			1.05	8.0		8.2	11.2	117		0.60	30		13.51	13.27	9.77
21.0	0840	13.0			1.09	8.4		8.2	11.2	117		0.55	28		14.01	13.34	10.14
21.0	0840	14.0			1.10	8.5		8.2	11.2	117		0.53	27		14.38	13.37	10.42
21.0	0840	15.0			1.12	8.6		8.2	11.2	118		0.54	28		14.69	13.38	10.66
21.0	0840	16.0			1.13	8.7		8.1	11.1	118		0.76	36		16.17	13.44	11.78

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95075

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	0840	17.0			1.11	8.6		8.1	117		1.02	45		16.94	13.45	12.37
21.0	0840	18.0			1.16	9.1		8.0	117		1.73	70		17.24	13.45	12.61
21.0	0840	19.0	10.4	0.70	1.20	9.4		8.0	117		2.63	101		17.30	13.45	12.65

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	17	0.915	9.413	-1.900	2.742
OBS Calibration:	7	0.652	35.313	8.595	5.389
Dissolved Oxygen Calibration:	6	0.890	1.423	-0.482	0.622

SeaBird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0840	1.0			1.85	17.3		8.4	7.2	69		3.90	225	16.3	4.15	11.82	2.75
36.0	0840	2.0	13.2	0.90	1.99	18.4	6.8	8.8	7.7	74	233.2	4.04	233		4.80	11.97	3.24
36.0	0840	3.0			2.62	23.5		8.5	7.4	74		3.07	179		9.14	12.68	6.49
36.0	0840	4.0						8.6	7.4	76		2.21	131		10.96	12.93	7.86
36.0	0840	5.0						8.6	7.4	77		0.92	59		12.42	13.16	8.94
36.0	0840	6.0						8.6	7.5	78		0.81	53		13.00	13.24	9.38
36.0	0840	7.0						8.6	7.5	78		0.81	53		13.26	13.26	9.58
36.0	0840	8.0						8.6	7.4	77		1.05	67		13.34	13.27	9.63
36.0	0840	9.0	40.9	0.94				8.5	7.4	77		1.56	95		13.35	13.28	9.64
35.0	0848	1.0			2.94	26.1		8.5	7.4	73		2.16	128	9.5	8.31	12.35	5.89
35.0	0848	2.0			3.14	27.6		8.7	7.6	76		1.91	114		9.65	12.53	6.91
35.0	0848	3.0			3.49	30.5		8.6	7.5	76		1.53	93		12.06	12.95	8.70
35.0	0848	4.0			3.68	32.0		8.7	7.6	78		0.97	62		12.86	13.09	9.30
35.0	0848	5.0						8.7	7.6	79		0.92	59		13.37	13.24	9.66
35.0	0848	6.0						8.7	7.6	79		0.72	48		13.54	13.29	9.78
35.0	0848	7.0						8.7	7.6	79		0.65	44		13.59	13.30	9.82
35.0	0848	8.0			3.70	32.2		8.6	7.5	78		0.74	49		13.61	13.31	9.84
34.0	0859	1.0			1.86	17.3		8.4	7.2	69		1.25	77	4.8	6.46	11.59	4.57
34.0	0859	2.0			1.97	18.2		8.4	7.2	70		1.30	80		7.22	11.77	5.13
34.0	0859	3.0			2.19	20.0		8.4	7.2	70		1.45	89		7.62	11.90	5.42
34.0	0859	4.0			2.38	21.5		8.5	7.3	72		1.58	96		7.98	11.99	5.69
34.0	0859	5.0			2.64	23.6		8.5	7.4	73		1.68	101		8.81	12.18	6.30
34.0	0859	6.0			3.07	27.1		8.6	7.6	75		1.80	108		9.62	12.37	6.90
34.0	0859	7.0			3.49	30.5		8.7	7.6	77		1.92	115		10.92	12.67	7.86
34.0	0859	8.0						8.6	7.4	76		2.27	134		12.25	13.03	8.84
34.0	0859	9.0						8.4	7.1	74		2.80	164		13.53	13.14	9.80
33.0	0912	1.0			2.37	21.4		8.5	7.4	72		1.05	66	4.4	8.97	12.07	6.44
33.0	0912	2.0			2.38	21.5		8.5	7.4	73		1.04	66		9.12	12.09	6.56
33.0	0912	3.0			2.48	22.4		8.5	7.4	73		1.02	65		9.47	12.16	6.82
33.0	0912	4.0			2.55	22.9		8.6	7.4	74		0.97	62		9.73	12.21	7.01
33.0	0912	5.0			2.67	23.9		8.6	7.5	74		0.87	56		9.91	12.26	7.14
33.0	0912	6.0			2.90	25.7		8.6	7.4	74		0.80	52		10.32	12.35	7.45
33.0	0912	7.0			3.04	26.9		8.6	7.5	75		0.79	52		10.53	12.40	7.61
33.0	0912	8.0			3.20	28.1		8.6	7.5	75		0.78	51		10.85	12.47	7.84
33.0	0912	9.0			3.36	29.4		8.6	7.5	75		0.79	52		11.16	12.54	8.07
33.0	0912	10.0			3.48	30.4		8.6	7.5	76		0.77	51		11.40	12.60	8.25
33.0	0912	11.0			3.57	31.2		8.6	7.5	76		0.85	55		11.61	12.63	8.40
33.0	0912	12.0			3.56	31.0		8.6	7.5	76		1.02	65		12.02	12.73	8.70

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	0919	1.0			2.67	23.8		8.7	7.6	75		0.78	51	4.0	9.50	12.16	6.84
32.0	0919	2.0	22.0	0.99	2.81	25.0		8.6	7.5	75	47.8	0.75	50		10.13	12.28	7.31
32.0	0919	3.0			3.04	26.9		8.7	7.6	76		0.77	51		10.57	12.38	7.64
32.0	0919	4.0			3.31	29.0		8.7	7.6	77		0.80	52		11.27	12.56	8.15
32.0	0919	5.0						8.7	7.6	77		0.80	53		11.90	12.68	8.62
32.0	0919	6.0						8.7	7.6	78		0.80	53		12.15	12.73	8.81
32.0	0919	7.0						8.7	7.7	78		0.86	56		12.35	12.79	8.95
32.0	0919	8.0						8.8	7.8	80		1.01	64		12.62	12.86	9.15
32.0	0919	9.0						8.8	7.8	81		1.14	71		13.09	13.02	9.48
32.0	0919	10.0						8.8	7.8	81		1.16	73		13.48	13.15	9.76
32.0	0919	11.0						8.8	7.8	82		1.21	75		13.68	13.23	9.90
32.0	0919	12.0	50.9	0.94				8.8	7.7	81		1.38	85		13.79	13.27	9.98
31.0	0932	1.0			2.97	26.3		8.8	7.8	78		0.56	39	3.0	10.72	12.37	7.75
31.0	0932	2.0	31.0	0.99	2.99	26.5		8.9	7.9	80		0.56	39		11.15	12.47	8.07
31.0	0932	3.0			3.21	28.3		8.9	8.0	82		0.54	38		12.32	12.72	8.93
31.0	0932	4.0						8.9	7.9	82		0.57	40		13.24	13.04	9.59
31.0	0932	5.0						8.9	8.0	83		0.59	41		13.48	13.13	9.77
31.0	0932	6.0						8.9	8.0	83		0.59	41		13.72	13.21	9.94
31.0	0932	7.0						8.9	8.0	84		0.58	40		13.91	13.27	10.07
31.0	0932	8.0						9.0	8.0	84		0.58	40		14.06	13.31	10.18
31.0	0932	9.0						9.0	8.1	84		0.62	42		14.13	13.33	10.23
31.0	0932	10.0						9.0	8.1	85		0.65	44		14.19	13.36	10.27
31.0	0932	11.0						9.0	8.1	85		0.80	52		14.24	13.38	10.31
31.0	0932	12.0						9.0	8.1	85		0.90	58		14.25	13.38	10.32
31.0	0932	13.0	62.0	0.94				9.0	8.1	85		1.27	78		14.26	13.39	10.32
30.0	0947	1.0						9.2	8.3	86		0.60	41	3.4	13.16	12.87	9.56
30.0	0947	2.0	34.1				8.9	9.3	8.5	88	41.2	0.59	41		13.14	12.87	9.54
30.0	0947	3.0						9.3	8.5	88		0.60	41		13.53	13.02	9.82
30.0	0947	4.0						9.3	8.5	89		0.61	42		13.90	13.16	10.08
30.0	0947	5.0						9.2	8.4	88		0.67	45		14.10	13.24	10.22
30.0	0947	6.0						9.2	8.4	88		0.77	51		14.16	13.26	10.27
30.0	0947	7.0						9.2	8.4	87		0.80	52		14.16	13.26	10.27
30.0	0947	8.0						9.2	8.3	87		0.82	54		14.17	13.27	10.27
30.0	0947	9.0						9.2	8.4	87		0.85	55		14.18	13.27	10.28
30.0	0947	10.0						9.2	8.3	87		0.83	54		14.17	13.27	10.28
30.0	0947	11.0						9.2	8.3	87		0.83	54		14.17	13.27	10.28
30.0	0947	12.0	54.5	0.91				9.2	8.3	87		0.85	55		14.18	13.27	10.28
29.5	1001	1.0						9.5	8.8	92		0.42	31	2.7	14.21	13.26	10.31
29.5	1001	2.0	49.2					9.5	8.8	92		0.41	31		14.21	13.25	10.30
29.5	1001	3.0						9.5	8.8	92		0.43	32		14.21	13.25	10.30

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1001	4.0					9.5	8.8	92		0.44	32		14.21	13.26	10.30
29.5	1001	5.0					9.5	8.8	92		0.41	31		14.21	13.25	10.30
29.5	1001	6.0					9.4	8.8	91		0.42	31		14.20	13.24	10.30
29.5	1001	7.0					9.4	8.7	91		0.45	33		14.20	13.24	10.30
29.5	1001	8.0					9.4	8.7	91		0.47	34		14.20	13.24	10.30
29.5	1001	9.0					9.4	8.7	91		0.49	35		14.20	13.24	10.30
29.5	1001	10.0					9.4	8.7	91		1.00	64		14.20	13.24	10.30
29.5	1001	11.0					9.4	8.7	91		0.55	38		14.20	13.24	10.30
29.5	1001	12.0					9.4	8.7	91		0.55	39		14.20	13.24	10.30
29.5	1001	13.0					9.4	8.7	91		0.57	39		14.20	13.24	10.30
29.5	1001	14.0					9.4	8.7	91		0.59	41		14.20	13.24	10.30
29.5	1001	15.0					9.4	8.7	91		0.59	41		14.20	13.24	10.30
29.0	1013	1.0					9.5	8.8	91		0.27	23	2.3	13.88	12.90	10.11
29.0	1013	2.0	58.3	0.97			9.5	8.8	91		0.26	22		13.87	12.89	10.10
29.0	1013	3.0					9.4	8.8	91		0.26	22		13.88	12.91	10.10
29.0	1013	4.0					9.5	8.9	92		0.25	22		13.86	12.87	10.10
29.0	1013	5.0					9.6	9.0	93		0.26	22		13.86	12.88	10.10
29.0	1013	6.0					9.7	9.1	95		0.25	22		13.94	12.98	10.14
29.0	1013	7.0					9.6	9.0	94		0.25	22		14.11	13.28	10.23
29.0	1013	8.0					9.5	8.9	93		0.25	22		14.19	13.39	10.27
29.0	1013	9.0					9.5	8.8	93		0.28	23		14.20	13.41	10.28
29.0	1013	10.0					9.5	8.8	93		0.33	26		14.21	13.41	10.28
29.0	1013	11.0					9.5	8.8	92		0.36	28		14.21	13.42	10.28
29.0	1013	12.0					9.5	8.8	92		0.42	31		14.21	13.43	10.28
29.0	1013	13.0					9.5	8.8	92		0.52	37		14.21	13.43	10.28
29.0	1013	14.0					9.5	8.8	92		0.59	41		14.21	13.43	10.28
29.0	1013	15.0					9.4	8.8	92		0.63	43		14.22	13.42	10.28
28.5	1021	1.0					9.6	9.0	94		0.26	22	2.2	14.03	13.36	10.15
28.5	1021	2.0	56.1	0.95			9.6	8.9	94	23.1	0.25	22		14.02	13.36	10.14
28.5	1021	3.0					9.6	8.9	93		0.26	22		14.02	13.36	10.15
28.5	1021	4.0					9.6	8.9	94		0.26	22		14.03	13.36	10.15
28.5	1021	5.0					9.6	9.0	94		0.26	22		14.03	13.36	10.15
28.5	1021	6.0					9.6	9.0	94		0.25	22		14.03	13.36	10.15
28.5	1021	7.0					9.6	9.0	94		0.25	22		14.03	13.36	10.15
28.5	1021	8.0					9.6	9.0	94		0.25	22		14.03	13.36	10.15
28.5	1021	9.0					9.6	9.0	94		0.25	21		14.03	13.36	10.15
28.5	1021	10.0					9.6	9.0	94		0.25	22		14.02	13.36	10.15
28.5	1021	11.0					9.6	9.0	94		0.25	22		14.02	13.36	10.15
28.5	1021	12.0					9.6	9.0	94		0.25	22		14.02	13.36	10.15
28.5	1021	13.0					9.6	9.0	94		0.24	21		14.03	13.36	10.15
28.5	1021	14.0	60.8	0.97			9.6	9.0	94		0.25	22		14.03	13.35	10.15

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
28.0	1032	1.0						10.2	10.0	104		0.14	15	1.9	13.52	13.23	9.78
28.0	1032	2.0						10.3	10.0	104		0.13	15		13.49	13.23	9.76
28.0	1032	3.0						10.3	10.0	104		0.14	15		13.50	13.23	9.77
28.0	1032	4.0						10.3	10.0	104		0.14	15		13.52	13.23	9.78
28.0	1032	5.0						10.3	10.1	105		0.14	15		13.51	13.23	9.77
28.0	1032	6.0						10.1	9.8	102		0.14	16		13.69	13.31	9.90
28.0	1032	7.0						9.9	9.5	99		0.18	18		13.84	13.36	10.01
28.0	1032	8.0						9.8	9.4	98		0.24	21		13.90	13.38	10.05
28.0	1032	9.0						9.8	9.4	98		0.27	23		13.91	13.39	10.05
28.0	1032	10.0						9.8	9.2	97		0.34	26		13.96	13.43	10.08
28.0	1032	11.0						9.8	9.2	97		0.37	28		13.97	13.44	10.09
28.0	1032	12.0						9.8	9.2	97		0.39	29		13.97	13.45	10.09
28.0	1032	13.0						9.7	9.2	96		0.44	32		13.98	13.47	10.09
28.0	1032	14.0						9.7	9.2	96		0.45	33		13.98	13.48	10.09
27.0	1043	1.0						10.9	11.0	114		0.12	15	1.8	13.28	13.29	9.59
27.0	1043	2.0	29.1	0.69			10.7	10.9	11.0	114	16.9	0.12	14		13.28	13.28	9.59
27.0	1043	3.0						10.9	11.0	114		0.12	14		13.29	13.29	9.59
27.0	1043	4.0						10.9	11.0	114		0.12	14		13.29	13.30	9.60
27.0	1043	5.0						10.9	11.0	114		0.12	14		13.28	13.26	9.59
27.0	1043	6.0						10.7	10.7	111		0.12	14		13.42	13.28	9.69
27.0	1043	7.0						10.5	10.3	107		0.13	15		13.56	13.34	9.80
27.0	1043	8.0						10.4	10.2	106		0.14	16		13.60	13.36	9.82
27.0	1043	9.0						10.2	9.9	104		0.17	17		13.70	13.41	9.89
27.0	1043	10.0						10.2	9.9	103		0.18	18		13.71	13.43	9.89
27.0	1043	11.0	55.9	0.94				10.1	9.8	102		0.28	23		13.82	13.51	9.97
26.0	1055	1.0						10.5	10.4	108		0.13	15	1.7	13.21	13.41	9.51
26.0	1055	2.0						10.5	10.4	108		0.12	15		13.21	13.40	9.51
26.0	1055	3.0						10.4	10.2	106		0.13	15		13.26	13.41	9.55
26.0	1055	4.0						10.2	9.9	103		0.13	15		13.43	13.44	9.68
26.0	1055	5.0						10.1	9.7	102		0.17	17		13.52	13.44	9.74
26.0	1055	6.0						10.0	9.7	101		0.23	21		13.55	13.46	9.77
26.0	1055	7.0						10.0	9.6	101		0.28	23		13.61	13.49	9.80
26.0	1055	8.0						10.0	9.5	100		0.31	25		13.66	13.52	9.84
26.0	1055	9.0						9.9	9.5	99		0.36	28		13.68	13.52	9.85
26.0	1055	10.0						10.0	9.5	100		0.40	30		13.68	13.51	9.85
25.0	1112	1.0						10.3	10.0	104		0.23	20	2.2	13.08	13.40	9.41
25.0	1112	2.0						10.3	10.0	104		0.24	21		13.07	13.40	9.41
25.0	1112	3.0						10.3	10.0	104		0.23	21		13.07	13.40	9.41
25.0	1112	4.0						10.3	10.0	104		0.23	20		13.09	13.40	9.42
25.0	1112	5.0						10.2	9.9	103		0.22	20		13.17	13.40	9.48

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
25.0	1112	6.0				10.2		9.9	9.9	103		0.22	20		13.21	13.41	9.51
25.0	1112	7.0				10.2		9.8	9.8	103		0.24	21		13.22	13.41	9.52
25.0	1112	8.0				10.2		9.9	9.9	103		0.28	23		13.23	13.41	9.52
24.0	1127	1.0				10.0		9.6	9.6	100		0.23	21	2.2	12.60	13.31	9.06
24.0	1127	2.0	47.3	0.99		10.0		9.6	9.6	100	21.9	0.23	21		12.60	13.31	9.06
24.0	1127	3.0				10.0		9.6	9.6	100		0.23	21		12.60	13.30	9.06
24.0	1127	4.0				10.0		9.6	9.6	100		0.24	21		12.61	13.29	9.07
24.0	1127	5.0				10.0		9.6	9.6	99		0.25	22		12.61	13.28	9.07
24.0	1127	6.0				10.0		9.6	9.6	99		0.24	21		12.68	13.27	9.13
24.0	1127	7.0				9.9		9.5	9.5	98		0.23	21		12.74	13.27	9.18
24.0	1127	8.0				9.9		9.5	9.5	98		0.28	23		12.80	13.27	9.22
24.0	1127	9.0				9.9		9.5	9.5	98		0.26	22		12.79	13.27	9.21
24.0	1127	10.0	52.7	0.98		9.9		9.5	9.5	98		0.23	20		12.80	13.28	9.22
23.0	1142	1.0			2.88	25.5		8.7	8.7	89		0.15	16	1.5	11.90	12.77	8.60
23.0	1142	2.0			2.85	25.3		8.7	8.7	89		0.13	15		11.91	12.78	8.61
23.0	1142	3.0			2.87	25.5		8.7	8.7	89		0.12	15		11.90	12.78	8.61
23.0	1142	4.0			2.98	26.3		8.8	8.8	90		0.13	15		11.95	12.82	8.63
23.0	1142	5.0			3.14	27.6		8.7	8.7	89		0.14	16		12.09	12.92	8.72
23.0	1142	6.0			3.30	29.0		8.8	8.8	90		0.15	16		12.14	12.95	8.76
23.0	1142	7.0			3.37	29.5		8.6	8.6	88		0.18	18		12.38	13.07	8.93
23.0	1142	8.0			3.41	29.8		8.4	8.4	86		0.21	20		12.49	13.05	9.01
23.0	1142	9.0			3.48	30.4		8.3	8.3	85		0.26	22		12.52	13.04	9.04
23.0	1142	10.0			3.49	30.5		8.2	8.2	85		0.30	25		12.56	13.03	9.07
23.0	1142	11.0			3.47	30.3		8.2	8.2	84		0.35	27		12.60	13.02	9.10
23.0	1142	12.0						8.1	8.1	83		0.41	31		12.67	13.00	9.16
23.0	1142	13.0			3.43	30.0		8.0	8.0	83		0.45	33		12.77	12.98	9.24
23.0	1142	14.0			3.48	30.4		8.0	8.0	82		0.55	38		12.88	12.99	9.32
22.0	1200	1.0			1.79	16.7		8.4	8.4	85		0.15	16	1.7	10.63	12.65	7.64
22.0	1200	2.0			1.82	17.0		8.4	8.4	85		0.15	16		10.57	12.65	7.60
22.0	1200	3.0			1.82	17.0		8.5	8.5	86		0.15	16		10.53	12.65	7.57
22.0	1200	4.0			2.06	18.9		8.5	8.5	86		0.15	16		10.79	12.68	7.76
22.0	1200	5.0			2.35	21.2		8.3	8.3	85		0.16	16		11.64	12.78	8.40
22.0	1200	6.0			2.45	22.1		8.2	8.2	83		0.21	20		12.07	12.80	8.73
22.0	1200	7.0			2.56	22.9		8.1	8.1	83		0.26	23		12.09	12.81	8.74
22.0	1200	8.0			2.72	24.2		8.0	8.0	82		0.34	27		12.11	12.81	8.76
22.0	1200	9.0			2.80	24.9		8.0	8.0	82		0.35	27		12.12	12.82	8.77
22.0	1200	10.0			2.80	24.9		8.0	8.0	81		0.44	32		12.18	12.85	8.81
22.0	1200	11.0			2.73	24.3		7.9	7.9	81		0.44	32		12.36	12.91	8.94
22.0	1200	12.0			2.65	23.7		7.8	7.8	81		0.44	32		12.68	13.02	9.16
22.0	1200	13.0			2.58	23.1		7.8	7.8	80		0.48	34		13.21	13.09	9.56

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	1200	14.0			2.43	21.9		8.8	7.7	80		0.47	34		13.49	13.12	9.78
22.0	1200	15.0			2.13	19.5		8.7	7.6	80		0.44	32		13.81	13.17	10.01
22.0	1200	16.0			1.75	16.5		8.6	7.5	78		0.42	31		14.51	13.18	10.55
22.0	1200	17.0			1.43	13.8		8.5	7.3	77		0.40	30		15.24	13.18	11.11
22.0	1200	18.0			1.25	12.4		8.4	7.2	76		0.88	57		16.30	13.17	11.93
22.0	1200	19.0			1.30	12.8		8.3	7.1	75		1.34	82		17.74	13.17	13.03
21.0	1214	1.0			1.55	14.8		9.2	8.3	84		0.15	16	1.5	10.20	12.48	7.34
21.0	1214	2.0	14.4	0.97	1.58	15.0	9.2	9.2	8.4	84	12.4	0.15	16		10.21	12.48	7.34
21.0	1214	3.0			1.59	15.2		9.2	8.4	84		0.16	16		10.26	12.49	7.38
21.0	1214	4.0			1.62	15.4		9.2	8.3	84		0.15	16		10.48	12.52	7.55
21.0	1214	5.0			1.68	15.9		9.1	8.2	82		0.16	17		11.01	12.57	7.95
21.0	1214	6.0			1.91	17.7		8.9	8.0	81		0.18	18		11.36	12.57	8.22
21.0	1214	7.0			2.15	19.7		8.9	7.9	80		0.20	19		11.44	12.56	8.28
21.0	1214	8.0			2.21	20.1		8.8	7.8	79		0.25	22		11.61	12.55	8.42
21.0	1214	9.0			2.10	19.2		8.8	7.8	79		0.30	25		11.64	12.55	8.44
21.0	1214	10.0			2.01	18.5		8.8	7.8	79		0.33	26		11.66	12.54	8.45
21.0	1214	11.0			1.98	18.3		8.8	7.8	79		0.34	27		11.66	12.54	8.46
21.0	1214	12.0			1.97	18.2		8.8	7.8	79		0.36	28		11.67	12.55	8.46
21.0	1214	13.0			1.99	18.4		8.8	7.8	79		0.36	28		11.68	12.55	8.47
21.0	1214	14.0			1.94	18.0		9.0	8.1	82		0.37	28		11.77	12.58	8.53
21.0	1214	15.0			1.76	16.5		8.8	7.8	81		0.41	31		13.25	12.92	9.62
21.0	1214	16.0			1.45	14.0		8.6	7.4	78		0.43	31		15.23	13.10	11.11
21.0	1214	17.0	18.2	0.88	1.44	13.9		8.4	7.2	77		0.37	28		16.91	13.15	12.40

..... n r^2 Slope Inter. Std. Err.

Fluorometer Calibration:
OBS Calibration:
Dissolved Oxygen Calibration:

5 0.636 8.084 2.277 5.015
7 0.999 55.743 7.756 2.383
4 0.776 1.507 -5.477 0.938

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1322	1.0			0.513	29.2		9.8	9.7	102		0.56	37	2.3	7.76	15.38	5.00
36.0	1322	2.0	24.0	0.85	0.549	31.4	9.6	9.9	9.8	102	35.3	0.53	35		8.19	15.18	5.37
36.0	1322	3.0			0.578	33.1		9.9	9.8	102		0.55	36		8.34	15.10	5.49
36.0	1322	4.0			0.589	33.8		10.0	9.8	103		0.57	37		8.37	15.10	5.52
36.0	1322	5.0			0.611	35.1		10.0	9.8	103		0.58	38		8.41	15.09	5.55
36.0	1322	6.0			0.629	36.2		9.9	9.8	102		0.62	40		8.46	15.07	5.59
36.0	1322	7.0			0.650	37.5		10.0	9.8	103		0.69	44		8.49	14.93	5.64
36.0	1322	8.0			0.683	39.5		10.0	9.8	103		0.81	50		8.49	14.89	5.65
36.0	1322	9.0	29.2	0.82	0.684	39.5		10.1	9.9	103		0.89	54		8.51	14.89	5.66
35.0	1313	2.0			0.488	27.7		10.7	10.4	109		0.43	30	2.9	8.69	15.01	5.78
35.0	1313	3.0			0.498	28.3		10.6	10.3	108		0.46	32		8.74	14.99	5.82
35.0	1313	4.0			0.507	28.8		10.3	10.1	106		0.55	36		8.75	14.89	5.84
35.0	1313	5.0			0.536	30.6		10.3	10.1	105		0.69	43		8.75	14.72	5.88
35.0	1313	6.0			0.562	32.1		10.3	10.1	105		0.74	46		8.84	14.68	5.95
35.0	1313	7.0			0.562	32.1		10.4	10.2	106		0.73	46		8.92	14.66	6.01
35.0	1313	8.0			0.560	32.0		10.5	10.2	107		0.70	44		8.95	14.67	6.03
34.0	1300	1.0			0.462	26.1		9.9	9.8	105		0.41	29	2.7	8.07	16.46	5.05
34.0	1300	2.0			0.534	30.4		10.4	10.2	106		0.44	31		9.09	14.67	6.14
34.0	1300	3.0			0.614	35.3		10.5	10.2	107		0.51	34		9.25	14.56	6.29
34.0	1300	4.0			0.633	36.4		10.5	10.2	107		0.60	39		9.22	14.61	6.26
34.0	1300	5.0			0.643	37.0		10.5	10.2	107		0.67	43		9.23	14.62	6.26
34.0	1300	6.0			0.667	38.5		10.5	10.2	107		0.68	43		9.31	14.56	6.33
34.0	1300	7.0			0.698	40.4		10.5	10.3	107		0.73	45		9.40	14.53	6.40
34.0	1300	8.0			0.720	41.7		10.6	10.3	108		0.81	50		9.43	14.52	6.43
34.0	1300	9.0			0.734	42.5		10.6	10.3	108		0.89	54		9.44	14.51	6.44
34.0	1300	10.0			0.755	43.8		10.6	10.3	108		0.98	59		9.48	14.50	6.47
34.0	1300	11.0			0.760	44.1		10.6	10.4	108		1.04	62		9.50	14.49	6.48
33.0	1245	2.0			0.548	31.3		11.0	10.7	113		0.35	26	2.7	8.77	15.47	5.76
33.0	1245	3.0			0.598	34.3		11.1	10.8	113		0.35	26		9.43	14.86	6.37
33.0	1245	4.0			0.656	37.8		11.0	10.7	112		0.33	25		9.80	14.60	6.70
33.0	1245	5.0			0.692	40.0		11.1	10.8	112		0.31	24		9.94	14.48	6.83
33.0	1245	6.0			0.714	41.3		11.1	10.8	113		0.31	24		10.00	14.42	6.88
33.0	1245	7.0			0.734	42.6		11.1	10.8	112		0.34	25		10.03	14.37	6.91
33.0	1245	8.0			0.740	42.9		11.1	10.8	112		0.40	29		10.07	14.35	6.95
33.0	1245	9.0			0.740	42.9		11.1	10.8	112		0.43	30		10.10	14.35	6.97
33.0	1245	10.0			0.742	43.0		11.1	10.8	113		0.45	31		10.14	14.33	7.01
33.0	1245	11.0			0.751	43.6		11.2	10.8	113		0.50	34		10.16	14.33	7.02
33.0	1245	12.0			0.762	44.3		11.2	10.9	113		0.53	35		10.16	14.32	7.02
33.0	1245	13.0			0.761	44.2		11.2	10.9	113		0.57	37		10.16	14.32	7.02

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	1236	1.0			0.669	38.6	11.4	12.7	12.2	128		0.19	18		9.91	14.85	6.74
32.0	1236	2.0	43.8	0.84	0.677	39.1		12.3	11.8	123	15.8	0.22	19		10.10	14.42	6.96
32.0	1236	3.0			0.687	39.7	11.4	11.9	11.4	119		0.29	23		10.15	14.35	7.01
32.0	1236	4.0			0.701	40.6		11.7	11.3	118		0.34	25		10.15	14.34	7.01
32.0	1236	5.0			0.713	41.3		11.6	11.3	117		0.44	31		10.15	14.33	7.02
32.0	1236	6.0			0.714	41.3		11.6	11.2	117		0.47	32		10.16	14.33	7.02
32.0	1236	7.0			0.718	41.6		11.5	11.2	116		0.51	34		10.17	14.32	7.03
32.0	1236	8.0			0.742	43.0		11.5	11.1	116		0.53	35		10.17	14.32	7.03
32.0	1236	9.0			0.750	43.5		11.5	11.1	116		0.56	37		10.18	14.31	7.04
32.0	1236	10.0			0.748	43.4		11.4	11.1	115		0.59	39		10.20	14.30	7.05
32.0	1236	11.0			0.732	42.4		11.5	11.1	116		0.66	42		10.21	14.30	7.07
32.0	1236	12.0			0.707	40.9		11.5	11.1	116		0.68	43		10.24	14.29	7.08
32.0	1236	13.0			0.699	40.4		11.4	11.1	115		0.75	47		10.24	14.29	7.09
32.0	1236	14.0			0.733	42.5		11.4	11.1	115		0.76	48		10.24	14.29	7.09
32.0	1236	15.0	48.0	0.80	0.745	43.2		11.5	11.1	116		0.88	53		10.24	14.30	7.09
31.0	1211	1.0			0.639	36.8		12.9	12.4	131		0.37	27	2.7	9.61	15.37	6.42
31.0	1211	2.0	37.2	0.86	0.639	36.8		12.3	11.9	126		0.33	25		10.04	15.38	6.75
31.0	1211	3.0			0.629	36.2		12.0	11.6	122		0.31	24		10.06	15.13	6.81
31.0	1211	4.0			0.643	37.0		12.1	11.6	123		0.31	24		10.22	14.73	7.00
31.0	1211	5.0			0.644	37.1		11.7	11.4	119		0.30	23		10.22	14.64	7.01
31.0	1211	6.0			0.644	37.1		11.8	11.4	119		0.28	22		10.44	14.34	7.24
31.0	1211	7.0			0.647	37.3		11.7	11.3	118		0.28	22		10.48	14.32	7.26
31.0	1211	8.0			0.647	37.3		11.7	11.3	118		0.28	22		10.48	14.32	7.26
31.0	1211	9.0			0.657	37.9		11.7	11.3	118		0.29	23		10.48	14.31	7.27
31.0	1211	10.0			0.674	38.9		11.7	11.3	118		0.35	26		10.47	14.29	7.26
31.0	1211	11.0			0.673	38.8		11.8	11.4	119		0.40	28		10.47	14.31	7.26
31.0	1211	12.0			0.658	37.9		11.7	11.3	118		0.38	27		10.48	14.31	7.27
31.0	1211	13.0			0.655	37.7		11.7	11.3	118		0.42	30		10.47	14.28	7.26
31.0	1211	14.0			0.672	38.8		11.7	11.3	118		0.46	32		10.47	14.28	7.26
31.0	1211	15.0	39.7	0.82	0.674	38.9		11.9	11.5	119		0.59	39		10.45	14.26	7.26
30.0	1154	2.0	33.9	0.82	0.411	23.0	11.1	11.9	11.5	120	20.5	0.19	17	1.9	10.63	14.33	7.38
30.0	1154	3.0			0.477	27.0		11.7	11.3	118		0.22	19		10.64	14.18	7.41
30.0	1154	4.0			0.484	27.4		11.6	11.2	117		0.25	21		10.65	14.14	7.43
30.0	1154	5.0			0.473	26.8		11.6	11.2	117		0.27	22		10.67	14.13	7.45
30.0	1154	6.0			0.517	29.5		11.6	11.2	116		0.29	23		10.68	14.13	7.45
30.0	1154	7.0			0.552	31.5		11.5	11.2	116		0.32	24		10.68	14.13	7.45
30.0	1154	8.0			0.553	31.6		11.6	11.2	117		0.34	26		10.69	14.13	7.46
30.0	1154	9.0			0.555	31.8		11.6	11.2	117		0.38	27		10.69	14.14	7.46
30.0	1154	10.0			0.558	31.9		11.6	11.2	117		0.38	27		10.69	14.14	7.46
30.0	1154	11.0			0.556	31.8		11.6	11.3	117		0.41	29		10.70	14.14	7.47
30.0	1154	12.0			0.562	32.2		11.6	11.3	117		0.39	28		10.70	14.15	7.47

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
30.0	1154	13.0			0.568	32.5		11.7	11.3	118		0.55	37		10.70	14.15	7.47
30.0	1154	14.0			0.605	34.7		11.6	11.3	117		0.80	49		10.70	14.15	7.47
30.0	1154	15.0	37.1	0.75	0.617	35.5		11.7	11.3	118		0.69	44		10.70	14.15	7.47
29.5	1142	1.0			0.518	29.5		11.9	11.4	120		0.18	17		10.73	14.36	7.45
29.5	1142	2.0		0.84	0.496	28.2		11.8	11.4	119		0.17	17		10.73	14.24	7.47
29.5	1142	3.0	30.8		0.475	26.9		11.7	11.3	118		0.21	19		10.73	14.17	7.48
29.5	1142	4.0			0.510	29.0		11.6	11.3	117		0.21	19		10.73	14.15	7.49
29.5	1142	5.0			0.527	30.1		11.6	11.3	117		0.23	20		10.73	14.14	7.49
29.5	1142	6.0			0.538	30.7		11.6	11.2	117		0.24	20		10.73	14.13	7.49
29.5	1142	7.0			0.560	32.1		11.6	11.2	117		0.26	21		10.73	14.13	7.49
29.5	1142	8.0			0.571	32.7		11.6	11.2	117		0.28	22		10.73	14.12	7.49
29.5	1142	9.0			0.577	33.1		11.6	11.2	117		0.29	23		10.73	14.12	7.49
29.5	1142	10.0			0.595	34.2		11.6	11.2	117		0.32	25		10.73	14.10	7.49
29.5	1142	11.0			0.613	35.2		11.6	11.3	117		0.43	30		10.73	14.10	7.49
29.5	1142	12.0			0.623	35.8		11.6	11.2	117		0.51	34		10.73	14.10	7.49
29.5	1142	13.0			0.641	36.9		11.6	11.2	117		0.58	38		10.73	14.10	7.49
29.5	1142	14.0			0.653	37.7		11.6	11.2	117		0.66	42		10.73	14.10	7.49
29.5	1142	15.0			0.668	38.5		11.6	11.2	117		0.70	44		10.72	14.10	7.49
29.5	1142	16.0			0.672	38.8		11.6	11.2	117		1.04	62		10.72	14.10	7.49
29.0	1127	1.0			0.516	29.4		11.6	11.2	117		0.38	28	2.4	10.71	14.05	7.49
29.0	1127	2.0		0.81	0.562	32.1		11.6	11.3	117		0.37	27		10.71	14.05	7.49
29.0	1127	3.0	35.1		0.588	33.7		11.6	11.2	116		0.39	28		10.71	14.04	7.49
29.0	1127	4.0			0.611	35.1		11.6	11.2	117		0.44	30		10.71	14.03	7.49
29.0	1127	5.0			0.629	36.2		11.6	11.2	117		0.48	33		10.71	14.02	7.50
29.0	1127	6.0			0.635	36.5		11.6	11.3	117		0.56	37		10.72	14.03	7.50
29.0	1127	7.0			0.635	36.6		11.7	11.3	117		0.49	33		10.72	14.03	7.50
29.0	1127	8.0			0.632	36.4		11.6	11.3	117		0.50	34		10.72	14.04	7.50
29.0	1127	9.0			0.629	36.2		11.6	11.3	117		0.51	34		10.72	14.04	7.50
29.0	1127	10.0			0.626	36.0		11.7	11.3	118		0.51	35		10.72	14.03	7.50
29.0	1127	11.0			0.626	36.0		11.6	11.3	117		0.56	37		10.72	14.02	7.50
29.0	1127	12.0			0.636	36.6		11.7	11.3	117		0.59	38		10.72	14.02	7.50
29.0	1127	13.0			0.651	37.5		11.7	11.3	117		0.58	38		10.72	14.02	7.50
29.0	1127	14.0			0.663	38.2		11.6	11.2	117		0.62	40		10.72	14.02	7.50
29.0	1127	15.0			0.668	38.6		11.7	11.3	118		0.67	42		10.72	14.01	7.50
29.0	1127	16.0			0.666	38.5		11.6	11.2	117		0.89	54		10.72	14.00	7.50
28.5	1117	1.0			0.421	23.7		11.9	11.5	119		0.20	18	1.7	10.83	14.13	7.56
28.5	1117	2.0	26.0	0.82	0.443	24.9		11.8	11.4	119	18.3	0.19	18		10.83	14.07	7.57
28.5	1117	3.0			0.457	25.8		11.8	11.4	119		0.24	20		10.83	14.05	7.58
28.5	1117	4.0			0.460	26.0		11.8	11.4	118		0.23	20		10.83	14.05	7.58
28.5	1117	5.0			0.460	26.0		11.8	11.4	118		0.23	20		10.83	14.04	7.58

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
28.5	1117	6.0			0.459	25.9	11.8	11.4	118		0.26	21		10.83	14.04	7.58
28.5	1117	7.0			0.460	26.0	11.8	11.4	119		0.28	23		10.83	14.04	7.58
28.5	1117	8.0			0.460	26.0	11.7	11.3	118		0.29	23		10.83	14.04	7.58
28.5	1117	9.0			0.459	25.9	11.8	11.4	118		0.32	25		10.83	14.04	7.58
28.5	1117	10.0			0.475	26.9	11.8	11.4	118		0.40	28		10.83	14.04	7.58
28.5	1117	11.0			0.485	27.5	11.8	11.4	119		0.45	31		10.83	14.04	7.58
28.5	1117	12.0			0.487	27.6	11.8	11.4	118		0.45	31		10.83	14.04	7.58
28.5	1117	13.0			0.496	28.2	11.7	11.3	118		0.56	37		10.83	14.03	7.58
28.5	1117	14.0			0.510	29.0	11.8	11.4	119		0.64	41		10.82	14.03	7.58
28.5	1117	15.0			0.527	30.0	11.8	11.4	118		0.65	41		10.82	14.03	7.58
28.5	1117	16.0	31.0	0.72	0.524	29.9	11.8	11.4	118		0.74	46		10.82	14.03	7.58
28.0	1106	1.0			0.376	20.9	11.9	11.5	120		0.20	18	1.9	10.85	14.01	7.61
28.0	1106	2.0			0.403	22.5	11.9	11.5	119		0.23	20		10.85	13.95	7.61
28.0	1106	3.0			0.440	24.8	11.9	11.5	119		0.25	21		10.85	13.95	7.61
28.0	1106	4.0			0.460	26.0	11.8	11.4	119		0.26	21		10.85	13.95	7.61
28.0	1106	5.0			0.465	26.3	11.7	11.4	118		0.37	27		10.85	13.97	7.61
28.0	1106	6.0			0.471	26.6	11.8	11.4	119		0.37	28		10.85	13.97	7.61
28.0	1106	7.0			0.472	26.7	11.7	11.3	118		0.38	27		10.85	13.97	7.61
28.0	1106	8.0			0.470	26.6	11.8	11.4	118		0.41	29		10.85	13.97	7.61
28.0	1106	9.0			0.473	26.8	11.8	11.4	118		0.40	29		10.85	13.97	7.61
28.0	1106	10.0			0.476	27.0	11.8	11.4	118		0.41	29		10.85	13.97	7.61
28.0	1106	11.0			0.479	27.1	11.7	11.4	118		0.41	29		10.85	13.97	7.61
28.0	1106	12.0			0.484	27.4	11.8	11.4	118		0.44	31		10.85	13.97	7.61
28.0	1106	13.0			0.506	28.7	11.8	11.4	118		0.53	35		10.85	13.96	7.61
28.0	1106	14.0			0.539	30.8	11.7	11.3	118		0.64	41		10.85	13.95	7.61
28.0	1106	15.0			0.555	31.8	11.7	11.3	118		0.83	51		10.85	13.95	7.61
28.0	1106	16.0			0.550	31.4	11.6	11.3	117		1.22	71		10.85	13.95	7.61
27.0	1055	1.0			0.536	30.6	11.8	11.4	118		0.37	27	2.4	10.84	13.71	7.64
27.0	1055	2.0	34.0	0.81	0.585	33.5	11.8	11.4	118	28.8	0.37	27		10.85	13.68	7.65
27.0	1055	3.0			0.620	35.6	11.7	11.3	117		0.38	27		10.85	13.64	7.66
27.0	1055	4.0			0.634	36.5	11.7	11.3	117		0.43	30		10.86	13.63	7.67
27.0	1055	5.0			0.658	37.9	11.6	11.3	116		0.45	31		10.86	13.61	7.67
27.0	1055	6.0			0.692	40.0	11.6	11.2	115		0.50	34		10.88	13.55	7.70
27.0	1055	7.0			0.737	42.7	11.6	11.2	115		0.63	40		10.89	13.49	7.72
27.0	1055	8.0			0.753	43.7	11.6	11.3	116		0.75	47		10.90	13.47	7.73
27.0	1055	9.0			0.748	43.4	11.5	11.2	115		0.77	48		10.90	13.47	7.73
27.0	1055	10.0			0.760	44.1	11.6	11.2	115		0.79	49		10.90	13.47	7.73
27.0	1055	11.0			0.776	45.1	11.6	11.3	116		0.84	51		10.90	13.47	7.73
27.0	1055	12.0			0.799	46.5	11.6	11.2	115		0.99	59		10.90	13.48	7.72
27.0	1055	13.0	41.2	0.75	0.799	46.5	11.6	11.2	115		1.26	73		10.89	13.49	7.72

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
26.0	1042	1.0			0.506	28.8		11.4	11.0	114		0.34	25	2.2	11.26	13.39	8.01
26.0	1042	2.0			0.531	30.3		11.3	11.0	113		0.33	25		11.27	13.36	8.03
26.0	1042	3.0			0.546	31.2		11.3	10.9	112		0.33	25		11.28	13.36	8.04
26.0	1042	4.0			0.551	31.5		11.3	10.9	113		0.31	24		11.29	13.36	8.05
26.0	1042	5.0			0.539	30.8		11.2	10.9	112		0.31	24		11.32	13.36	8.07
26.0	1042	6.0			0.526	30.0		11.2	10.9	112		0.31	24		11.35	13.36	8.09
26.0	1042	7.0			0.536	30.6		11.1	10.8	111		0.34	25		11.40	13.38	8.13
26.0	1042	8.0			0.558	31.9		11.1	10.8	111		0.37	27		11.41	13.39	8.13
26.0	1042	9.0			0.567	32.4		11.1	10.8	111		0.38	28		11.41	13.39	8.13
26.0	1042	10.0			0.568	32.5		11.1	10.8	111		0.40	29		11.41	13.40	8.13
26.0	1042	11.0			0.568	32.5		11.2	10.8	112		0.45	31		11.41	13.41	8.13
25.0	1028	1.0			0.437	24.6		10.9	10.6	109		0.16	16	1.7	12.03	13.37	8.61
25.0	1028	2.0			0.431	24.2		10.4	10.1	105		0.19	17		12.69	13.20	9.15
25.0	1028	3.0			0.427	24.0		10.0	9.8	102		0.29	23		13.02	13.18	9.40
25.0	1028	4.0			0.424	23.8		9.9	9.8	101		0.34	25		13.12	13.18	9.48
25.0	1028	5.0			0.419	23.5		9.8	9.7	100		0.45	31		13.38	13.17	9.68
25.0	1028	6.0			0.422	23.7		9.7	9.5	99		0.65	41		13.75	13.16	9.97
25.0	1028	7.0			0.420	23.6		9.6	9.4	98		1.00	60		14.06	13.15	10.21
25.0	1028	8.0			0.421	23.7		9.4	9.3	97		1.30	76		14.22	13.14	10.33
25.0	1028	9.0			0.427	24.0		9.5	9.4	98		1.91	107		14.25	13.14	10.35
24.0	1013	1.0			0.229	12.0		9.5	9.4	96		0.23	20	1.5	11.30	13.06	8.10
24.0	1013	2.0	13.5	0.90	0.254	13.6	9.9	9.6	9.5	97	17.0	0.21	19		11.44	13.03	8.21
24.0	1013	3.0			0.309	16.9		9.7	9.6	98		0.20	18		11.66	13.05	8.38
24.0	1013	4.0			0.380	21.2		9.9	9.7	100		0.19	18		12.04	13.13	8.66
24.0	1013	5.0			0.445	25.1		9.8	9.7	100		0.17	16		12.77	13.22	9.20
24.0	1013	6.0			0.465	26.3		9.8	9.6	100		0.22	19		13.10	13.21	9.46
24.0	1013	7.0			0.424	23.8		9.6	9.5	98		0.31	24		13.58	13.18	9.83
24.0	1013	8.0			0.364	20.2		9.4	9.3	97		0.40	29		14.25	13.13	10.36
24.0	1013	9.0			0.333	18.3		9.3	9.2	96		0.51	35		14.57	13.14	10.60
24.0	1013	10.0	17.7	0.82	0.341	18.8		9.3	9.2	96		0.57	37		14.70	13.15	10.70
23.0	0959	2.0			0.147	7.1		9.0	8.9	90		0.26	21	1.7	11.32	12.72	8.17
23.0	0959	3.0			0.174	8.7		9.0	8.9	92		0.28	22		12.57	12.88	9.10
23.0	0959	4.0			0.222	11.6		9.0	9.0	92		0.30	23		13.06	12.97	9.47
23.0	0959	5.0			0.259	13.9		9.1	9.0	93		0.30	23		13.30	13.04	9.64
23.0	0959	6.0			0.279	15.1		9.1	9.0	94		0.29	23		13.33	13.06	9.66
23.0	0959	7.0			0.284	15.3		9.2	9.1	94		0.31	24		13.53	13.07	9.81
23.0	0959	8.0			0.281	15.2		9.1	9.1	94		0.38	27		13.68	13.06	9.93
23.0	0959	9.0			0.279	15.0		9.1	9.0	94		0.43	30		13.73	13.06	9.97
23.0	0959	10.0			0.278	15.0		9.1	9.0	94		0.43	30		13.86	13.08	10.07
23.0	0959	11.0			0.273	14.7		9.0	8.9	93		0.47	32		14.31	13.09	10.41

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
23.0	0959	12.0			0.267	14.3		9.0	8.9	93		0.57	37		14.82	13.09	10.80
23.0	0959	13.0			0.265	14.2		9.0	8.9	93		0.60	39		14.97	13.09	10.92
23.0	0959	14.0			0.276	14.9		9.0	8.9	93		0.69	44		15.06	13.09	10.98
23.0	0959	15.0			0.280	15.1		8.9	8.9	93		0.75	47		15.20	13.09	11.09
22.0	0943	2.0			0.085	3.3		8.6	8.6	87		0.41	29		11.09	12.79	7.97
22.0	0943	3.0			0.097	4.1		8.7	8.7	88		0.43	30		11.41	12.77	8.22
22.0	0943	4.0			0.107	4.7		8.7	8.7	89		0.43	30		11.75	12.77	8.49
22.0	0943	5.0			0.116	5.2		8.7	8.7	89		0.42	30		12.12	12.79	8.77
22.0	0943	6.0			0.128	5.9		8.8	8.7	89		0.43	30		12.61	12.81	9.15
22.0	0943	7.0			0.140	6.7		8.7	8.7	90		0.44	31		13.45	12.84	9.79
22.0	0943	8.0			0.141	6.7		8.7	8.7	89		0.47	32		13.76	12.84	10.02
22.0	0943	9.0			0.139	6.6		8.6	8.6	89		0.45	31		14.42	12.88	10.53
22.0	0943	10.0			0.145	7.0		8.7	8.7	90		0.52	35		15.38	12.93	11.26
22.0	0943	11.0			0.164	8.1		8.6	8.6	90		0.77	48		16.20	13.00	11.88
22.0	0943	12.0			0.188	9.6		8.5	8.5	90		0.94	57		17.00	13.03	12.49
22.0	0943	13.0			0.208	10.7		8.5	8.5	91		1.08	64		17.54	13.07	12.90
22.0	0943	14.0			0.224	11.7		8.5	8.5	91		1.20	70		17.74	13.08	13.05
22.0	0943	15.0			0.238	12.6		8.5	8.5	90		1.40	81		17.87	13.09	13.15
22.0	0943	16.0			0.253	13.5		8.5	8.5	91		1.57	89		17.94	13.09	13.20
22.0	0943	17.0			0.266	14.3		8.5	8.5	91		1.73	98		17.96	13.09	13.22
22.0	0943	18.0			0.265	14.2		8.5	8.5	91		1.86	104		17.97	13.09	13.23
21.0	0932	2.0	7.5	0.74	0.200	10.3	8.6	8.9	8.9	91	43.0	0.68	43		12.30	12.82	8.90
21.0	0932	3.0			0.214	11.1		9.0	8.9	91		0.73	46		12.58	12.86	9.11
21.0	0932	4.0			0.229	12.1		8.9	8.9	91		0.72	45		12.92	12.89	9.37
21.0	0932	5.0			0.242	12.8		9.0	8.9	92		0.74	46		13.25	12.92	9.62
21.0	0932	6.0			0.250	13.3		9.0	8.9	92		0.74	46		13.54	12.94	9.84
21.0	0932	7.0			0.249	13.3		9.0	8.9	92		0.74	46		13.61	12.94	9.90
21.0	0932	8.0			0.231	12.2		9.0	8.9	92		0.73	46		13.78	12.94	10.02
21.0	0932	9.0			0.206	10.7		8.9	8.8	92		0.73	46		14.39	12.95	10.50
21.0	0932	10.0			0.184	9.3		8.8	8.8	91		0.69	44		15.14	12.96	11.07
21.0	0932	11.0			0.169	8.4		8.7	8.7	91		0.66	42		15.57	12.97	11.40
21.0	0932	12.0			0.163	8.1		8.7	8.6	91		0.64	41		16.34	12.99	11.99
21.0	0932	13.0			0.177	8.9		8.5	8.5	91		1.08	64		17.85	13.03	13.14
21.0	0932	14.0			0.201	10.3		8.5	8.5	90		1.39	80		18.06	13.03	13.30
21.0	0932	15.0			0.216	11.2		8.5	8.5	90		1.73	98		18.23	13.03	13.44
21.0	0932	16.0			0.224	11.8		8.4	8.4	90		1.95	109		18.33	13.04	13.51
21.0	0932	17.0			0.236	12.5		8.4	8.4	90		2.02	113		18.38	13.04	13.55
21.0	0932	18.0			0.239	12.6		8.4	8.4	90		2.36	131		18.44	13.04	13.60
21.0	0932	19.0	7.6	0.50	0.234	12.3		8.4	8.4	90		2.58	142		18.47	13.04	13.62

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South San Francisco Bay
.....
30 March 1995
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Year Day: 95089
.....
n      r^2      Slope      Inter.      Std. Err.
CHL Absorption Meter Calibration:  18    0.829    60.402    -1.796     5.031
OBS Calibration:                   7     0.956    52.076     7.719     2.406
Dissolved Oxygen Calibration:      6     0.844     0.879     1.024     0.603

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Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0649	1.0			0.257	13.5		8.2	7.8	84		1.52	107		6.12	16.91	3.48
36.0	0649	2.0	11.2	0.66	0.262	13.7	7.7	8.2	7.8	84	107.0	1.51	106		6.17	16.90	3.52
36.0	0649	3.0			0.268	13.8		8.2	7.8	84		1.67	117		6.37	16.88	3.67
36.0	0649	4.0			0.268	13.8		8.2	7.8	84		1.45	101		6.78	16.83	4.00
36.0	0649	5.0			0.267	13.8		8.2	7.8	84		1.28	90		6.98	16.82	4.15
36.0	0649	6.0			0.270	13.8		8.2	7.8	85		1.25	87		6.98	16.82	4.15
36.0	0649	7.0			0.283	14.1		8.3	7.9	85		1.50	105		7.03	16.83	4.19
36.0	0649	8.0			0.371	16.1		8.2	7.8	84		2.09	146		7.11	16.82	4.25
36.0	0649	9.0	14.9	0.75	0.394	16.7		8.2	7.8	85		4.40	307		7.23	16.80	4.35
34.0	0711	1.0			0.096	9.9		8.0	7.6	81		0.99	69		7.08	16.36	4.31
34.0	0711	2.0			0.092	9.8		8.0	7.5	81		1.05	74		7.18	16.32	4.40
34.0	0711	3.0			0.095	9.8		8.0	7.6	81		1.26	88		7.31	16.29	4.50
34.0	0711	4.0			0.141	10.9		8.0	7.6	81		1.68	117		7.36	16.32	4.53
34.0	0711	5.0			0.221	12.7		8.0	7.6	81		3.24	226		7.44	16.35	4.59
34.0	0711	6.0			0.258	13.6		8.1	7.7	82		3.84	267		7.46	16.36	4.60
34.0	0711	7.0			0.370	16.1		8.1	7.7	82		4.34	303		7.57	16.45	4.67
34.0	0711	8.0			0.408	17.0		8.1	7.6	82		8.97	625		7.87	16.52	4.89
32.0	0730	1.0			0.098	9.9		8.3	7.9	85		0.51	36		7.87	16.44	4.90
32.0	0730	2.0	10.9	0.74	0.097	9.9	7.9	8.3	7.9	85	33.2	0.51	36		7.95	16.43	4.96
32.0	0730	3.0			0.102	10.0		8.3	7.9	85		0.52	37		8.01	16.42	5.01
32.0	0730	4.0			0.104	10.0		8.3	7.9	85		0.57	40		8.02	16.41	5.02
32.0	0730	5.0			0.109	10.1		8.3	7.9	85		0.59	42		8.04	16.40	5.03
32.0	0730	6.0			0.128	10.6		8.3	8.0	86		0.67	47		8.18	16.38	5.15
32.0	0730	7.0			0.156	11.2		8.3	7.9	85		0.89	63		8.25	16.37	5.20
32.0	0730	8.0			0.186	11.9		8.3	7.9	85		1.26	88		8.27	16.37	5.22
32.0	0730	9.0			0.218	12.7		8.3	7.9	85		1.58	110		8.29	16.37	5.23
32.0	0730	10.0			0.248	13.3		8.3	8.0	86		2.13	149		8.31	16.36	5.25
32.0	0730	11.0			0.307	14.7		8.3	7.9	85		2.74	192		8.33	16.36	5.26
32.0	0730	12.0			0.422	17.3		8.3	8.0	86		4.05	283		8.36	16.35	5.29
32.0	0730	13.0	14.0	0.47	0.429	17.5		8.3	7.9	85		4.91	343		8.36	16.34	5.29
31.0	0741	1.0			0.156	11.2		8.4	8.1	87		0.44	31		8.16	16.31	5.14
31.0	0741	2.0	12.0	0.81	0.144	11.0		8.5	8.1	87		0.43	31		8.29	16.32	5.24
31.0	0741	3.0			0.144	10.9		8.5	8.1	87		0.44	32		8.53	16.28	5.43
31.0	0741	4.0			0.150	11.1		8.5	8.2	88		0.49	35		8.63	16.26	5.51
31.0	0741	5.0			0.155	11.2		8.5	8.2	88		0.58	41		8.68	16.25	5.55
31.0	0741	6.0			0.161	11.3		8.6	8.2	89		0.65	46		8.72	16.24	5.59
31.0	0741	7.0			0.166	11.5		8.6	8.3	89		0.75	53		8.78	16.22	5.64
31.0	0741	8.0			0.175	11.7		8.6	8.3	90		0.87	61		8.86	16.18	5.71
31.0	0741	9.0			0.189	12.0		8.6	8.3	89		1.08	75		8.96	16.12	5.79
31.0	0741	10.0			0.226	12.8		8.6	8.3	89		1.35	95		9.04	16.07	5.86

South San Francisco Bay

4 April 1995

95094

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
31.0	0741	11.0	13.3	0.55	0.275	13.9		8.6	8.3	89		2.05	144		9.20	15.96	6.00
31.0	0741	12.0			0.272	13.9		8.7	8.3	90		2.27	159		9.25	15.94	6.05
30.0	0759	1.0			0.130	10.6		8.3	7.9	85		0.31	22		8.60	15.94	5.54
30.0	0759	2.0	11.4	0.78	0.114	10.3	8.0	8.3	7.9	85	20.5	0.30	21		8.69	16.05	5.60
30.0	0759	3.0			0.085	9.6		8.2	7.8	83		0.30	22		9.04	16.02	5.87
30.0	0759	4.0			0.077	9.4		8.2	7.7	83		0.31	22		9.39	15.86	6.17
30.0	0759	5.0			0.075	9.4		8.1	7.7	82		0.33	24		9.55	15.80	6.30
30.0	0759	6.0			0.079	9.5		8.1	7.6	82		0.38	27		9.62	15.76	6.36
30.0	0759	7.0			0.081	9.5		8.1	7.7	82		0.44	31		9.66	15.73	6.40
30.0	0759	8.0			0.086	9.6		8.1	7.7	83		0.50	36		9.68	15.72	6.41
30.0	0759	9.0			0.099	9.9		8.1	7.7	83		0.60	42		9.71	15.71	6.44
30.0	0759	10.0			0.117	10.3		8.1	7.7	82		0.63	45		9.73	15.69	6.46
30.0	0759	11.0			0.129	10.6		8.1	7.6	82		0.92	65		9.76	15.67	6.48
30.0	0759	12.0	11.9	0.68	0.126	10.5		8.1	7.7	83		0.98	69		9.76	15.67	6.48
29.5	0811	1.0			0.059	9.0		8.1	7.7	83		0.27	20		9.28	15.82	6.09
29.5	0811	2.0			0.054	8.9		8.2	7.8	84		0.27	19		9.38	15.77	6.17
29.5	0811	3.0			0.053	8.9		8.2	7.8	84		0.29	21		9.51	15.73	6.28
29.5	0811	4.0			0.056	8.9		8.2	7.8	83		0.35	25		9.62	15.68	6.37
29.5	0811	5.0			0.061	9.1		8.2	7.8	83		0.43	31		9.67	15.65	6.41
29.5	0811	6.0			0.064	9.1		8.2	7.8	84		0.46	33		9.70	15.64	6.44
29.5	0811	7.0			0.065	9.2		8.2	7.8	84		0.47	33		9.70	15.63	6.45
29.5	0811	8.0			0.071	9.3		8.2	7.8	84		0.54	39		9.73	15.61	6.47
29.5	0811	9.0			0.081	9.5		8.2	7.9	84		0.59	42		9.76	15.60	6.49
29.5	0811	10.0			0.088	9.7		8.3	7.9	84		0.58	41		9.75	15.59	6.49
29.5	0811	11.0			0.092	9.8		8.3	7.9	84		0.67	47		9.77	15.58	6.51
29.5	0811	12.0			0.094	9.8		8.3	7.9	84		0.67	47		9.77	15.58	6.51
29.5	0811	13.0			0.102	10.0		8.3	7.9	84		0.61	43		9.76	15.59	6.50
29.5	0811	14.0			0.103	10.0		8.3	7.9	84		0.74	52		9.80	15.56	6.54
29.5	0811	15.0			0.101	10.0		8.3	7.9	84		0.85	60		9.82	15.56	6.55
29.5	0811	16.0			0.101	10.0		8.3	7.9	84		1.01	71		9.83	15.55	6.56
29.0	0825	1.0			0.076	9.4		8.3	8.0	85		0.31	22		10.09	15.43	6.77
29.0	0825	2.0			0.074	9.3		8.3	7.9	84		0.26	19		10.13	15.39	6.82
29.0	0825	3.0			0.068	9.2		8.3	7.9	84		0.23	17		10.18	15.36	6.86
29.0	0825	4.0			0.069	9.2		8.3	8.0	85		0.22	16		10.22	15.34	6.89
29.0	0825	5.0			0.072	9.3		8.3	7.9	84		0.19	14		10.29	15.32	6.95
29.0	0825	6.0			0.077	9.4		8.3	8.0	85		0.26	19		10.34	15.31	6.99
29.0	0825	7.0			0.078	9.5		8.4	8.0	85		0.26	19		10.36	15.30	7.01
29.0	0825	8.0			0.081	9.5		8.4	8.0	85		0.25	18		10.37	15.30	7.02
29.0	0825	9.0			0.088	9.7		8.4	8.0	86		0.34	24		10.41	15.30	7.04
29.0	0825	10.0			0.091	9.7		8.4	8.1	86		0.38	27		10.43	15.29	7.06

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0825	11.0			0.102	10.0		8.4	8.1	86		0.42	30		10.44	15.29	7.07
29.0	0825	12.0			0.135	10.7		8.4	8.1	86		0.56	39		10.47	15.30	7.09
29.0	0825	13.0			0.178	11.7		8.5	8.1	87		0.84	59		10.50	15.30	7.11
29.0	0825	14.0			0.176	11.7		8.5	8.1	87		1.19	83		10.51	15.30	7.12
28.5	0833	1.0			0.098	9.9		8.4	8.0	86		0.22	16		9.79	15.65	6.51
28.5	0833	2.0	8.8	0.72	0.095	9.8		8.3	8.0	85	16.5	0.22	16		9.84	15.57	6.56
28.5	0833	3.0			0.093	9.8		8.3	7.9	84		0.22	16		9.93	15.49	6.64
28.5	0833	4.0			0.082	9.5		8.3	8.0	85		0.23	17		9.97	15.47	6.68
28.5	0833	5.0			0.066	9.2		8.3	7.9	85		0.23	17		9.99	15.45	6.70
28.5	0833	6.0			0.053	8.9		8.3	7.9	84		0.22	16		10.00	15.45	6.70
28.5	0833	7.0			0.053	8.9		8.3	7.9	84		0.22	16		10.02	15.44	6.72
28.5	0833	8.0			0.063	9.1		8.3	7.9	85		0.24	17		10.09	15.40	6.78
28.5	0833	9.0			0.071	9.3		8.3	7.9	85		0.30	21		10.12	15.38	6.81
28.5	0833	10.0			0.086	9.6		8.3	7.9	85		0.37	26		10.17	15.36	6.85
28.5	0833	11.0			0.105	10.1		8.4	8.0	85		0.58	41		10.23	15.34	6.90
28.5	0833	12.0			0.119	10.4		8.4	8.0	85		0.66	47		10.24	15.33	6.91
28.5	0833	13.0			0.154	11.2		8.4	8.0	85		0.83	59		10.31	15.31	6.97
28.5	0833	14.0			0.188	12.0		8.4	8.0	86		1.09	76		10.32	15.30	6.98
28.5	0833	15.0	9.5	0.39	0.181	11.8		8.4	8.1	86		1.23	86		10.32	15.30	6.98
27.0	0851	1.0			0.031	8.4		8.8	8.5	90		0.11	8		10.66	15.17	7.26
27.0	0851	2.0	7.8	0.69	0.035	8.4	8.6	8.8	8.5	91	10.3	0.14	11		10.70	15.15	7.30
27.0	0851	3.0			0.043	8.6		8.8	8.5	90		0.13	10		10.69	15.15	7.29
27.0	0851	4.0			0.060	9.0		8.8	8.5	90		0.11	9		10.79	15.11	7.37
27.0	0851	5.0			0.099	9.9		8.9	8.6	91		0.12	9		11.10	15.00	7.63
27.0	0851	6.0			0.176	11.7		9.1	8.8	94		0.13	10		11.45	14.86	7.92
27.0	0851	7.0			0.275	14.0		9.4	9.2	98		0.16	12		12.07	14.68	8.43
27.0	0851	8.0			0.347	15.6		9.4	9.3	99		0.16	12		12.38	14.60	8.68
27.0	0851	9.0			0.377	16.3		9.5	9.4	100		0.16	12		13.04	14.44	9.21
27.0	0851	10.0			0.385	16.5		9.6	9.4	100		0.18	13		13.23	14.41	9.36
27.0	0851	11.0			0.399	16.8		9.6	9.5	101		0.23	17		13.46	14.38	9.55
27.0	0851	12.0	24.4	0.77	0.402	16.9		9.6	9.5	101		0.30	22		13.66	14.35	9.70
25.0	0916	1.0			0.301	14.5		10.3	10.2	109		0.11	8		11.81	14.87	8.19
25.0	0916	2.0			0.311	14.8		10.3	10.3	110		0.11	8		12.10	14.77	8.43
25.0	0916	3.0			0.349	15.6		10.4	10.4	111		0.11	8		12.28	14.69	8.58
25.0	0916	4.0			0.359	15.9		10.1	10.1	108		0.13	10		13.21	14.54	9.32
25.0	0916	5.0			0.300	14.5		9.8	9.7	104		0.13	9		14.24	14.24	10.16
25.0	0916	6.0			0.224	12.8		9.6	9.5	101		0.12	9		14.76	14.14	10.58
25.0	0916	7.0			0.160	11.3		9.5	9.3	99		0.14	10		15.21	14.05	10.94
25.0	0916	8.0			0.159	11.3		9.5	9.3	100		0.14	11		15.73	13.94	11.36

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
24.0	0932	1.0			0.497	19.0		10.9	11.0	118		0.11	8	1.4	11.63	15.08	8.02
24.0	0932	2.0	15.6	0.83	0.350	15.7	10.5	10.6	10.7	114		0.10	8		11.75	15.03	8.12
24.0	0932	3.0			0.364	16.0		10.7	10.7	115		0.12	9		12.70	14.70	8.90
24.0	0932	4.0			0.398	16.8		10.5	10.6	113		0.12	9		12.96	14.62	9.11
24.0	0932	5.0			0.371	16.1		10.0	9.9	106		0.11	8		13.23	14.52	9.34
24.0	0932	6.0			0.250	13.4		9.5	9.4	100		0.12	9		15.49	14.03	11.16
24.0	0932	7.0			0.134	10.7		9.2	9.0	97		0.13	10		16.83	13.85	12.22
24.0	0932	8.0			0.078	9.4		9.1	8.9	96		0.13	9		17.34	13.80	12.63
24.0	0932	9.0			0.052	8.8		9.0	8.8	95		0.14	10		17.71	13.77	12.91
24.0	0932	10.0			0.036	8.5		9.0	8.8	95		0.14	10		17.86	13.75	13.03
24.0	0932	11.0	10.5	0.78	0.035	8.4		9.0	8.8	95		0.36	26		17.74	13.78	12.93
23.0	0946	1.0			0.030	8.4		10.1	10.1	107		0.07	5		11.99	14.62	8.37
23.0	0946	2.0			0.037	8.5		10.1	10.1	107		0.06	5		12.04	14.54	8.42
23.0	0946	3.0			0.038	8.5		10.0	10.0	106		0.06	5		12.08	14.57	8.45
23.0	0946	4.0			0.046	8.7		10.0	10.0	106		0.07	5		12.18	14.49	8.54
23.0	0946	5.0			0.090	9.7		9.8	9.6	102		0.06	5		12.41	14.45	8.72
23.0	0946	6.0			0.132	10.7		9.5	9.4	100		0.08	6		13.98	14.24	9.97
23.0	0946	7.0			0.122	10.5		9.4	9.2	98		0.08	6		15.39	14.00	11.09
23.0	0946	8.0			0.093	9.8		9.2	9.0	97		0.09	7		16.15	13.93	11.69
23.0	0946	9.0			0.066	9.2		9.1	8.8	95		0.09	7		16.51	13.93	11.96
23.0	0946	10.0			0.048	8.7		9.0	8.7	94		0.10	8		16.90	13.90	12.27
23.0	0946	11.0			0.027	8.3		8.8	8.5	92		0.13	9		17.66	13.80	12.87
23.0	0946	12.0			0.006	7.8		8.7	8.4	91		0.12	9		18.75	13.69	13.73
23.0	0946	13.0			-.004	7.6		8.6	8.3	90		0.12	9		19.86	13.61	14.59
23.0	0946	14.0			-.003	7.6		8.5	8.1	89		0.17	12		21.88	13.50	16.17
22.0	1006	1.0			0.115	10.3		10.5	10.5	112		0.06	5		12.26	14.70	8.57
22.0	1006	2.0			0.111	10.2		10.3	10.3	110		0.06	5		12.23	14.69	8.54
22.0	1006	3.0			0.081	9.5		10.2	10.2	108		0.06	5		12.32	14.47	8.65
22.0	1006	4.0			0.056	8.9		10.0	9.9	105		0.06	5		12.59	14.43	8.87
22.0	1006	5.0			0.044	8.7		9.8	9.6	103		0.07	5		13.64	14.35	9.68
22.0	1006	6.0			0.029	8.3		9.4	9.3	99		0.08	6		14.79	14.34	10.57
22.0	1006	7.0			0.026	8.2		9.3	9.1	98		0.10	8		15.23	14.26	10.92
22.0	1006	8.0			0.030	8.3		9.2	9.0	97		0.11	8		15.83	14.14	11.40
22.0	1006	9.0			0.030	8.3		9.2	9.0	97		0.13	10		16.35	14.11	11.81
22.0	1006	10.0			0.029	8.3		9.0	8.8	95		0.22	13		17.03	14.00	12.35
22.0	1006	11.0			0.023	8.2		9.0	8.8	95		0.22	16		17.91	13.88	13.05
22.0	1006	12.0			0.016	8.0		8.9	8.6	94		0.23	17		18.26	13.83	13.32
22.0	1006	13.0			0.004	7.7		8.8	8.5	92		0.21	15		18.75	13.74	13.72
22.0	1006	14.0			-.017	7.3		8.8	8.5	93		0.18	13		19.43	13.67	14.25
22.0	1006	15.0			-.018	7.3		8.8	8.5	93		0.16	12		20.01	13.62	14.70

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	1021	1.0			0.029	8.3		10.3	10.3	110		0.06	5		12.10	15.06	8.38
21.0	1021	2.0	9.4	0.70	0.020	8.1	9.9	9.8	9.7	105	7.5	0.06	5		12.40	15.17	8.59
21.0	1021	3.0			0.021	8.1		9.7	9.6	103		0.08	6		12.70	15.10	8.83
21.0	1021	4.0			0.026	8.2		9.3	9.1	99		0.09	7		13.11	15.06	9.15
21.0	1021	5.0			0.028	8.3		9.3	9.1	98		0.12	9		13.95	14.78	9.85
21.0	1021	6.0			0.044	8.7		9.3	9.1	98		0.13	10		14.42	14.65	10.23
21.0	1021	7.0			0.066	9.2		9.3	9.1	98		0.14	10		14.77	14.51	10.53
21.0	1021	8.0			0.078	9.4		9.3	9.1	98		0.13	10		14.93	14.41	10.67
21.0	1021	9.0			0.078	9.4		9.1	8.9	96		0.14	11		16.06	14.24	11.56
21.0	1021	10.0			0.065	9.1		8.9	8.6	94		0.16	12		17.48	14.08	12.68
21.0	1021	11.0			0.042	8.6		8.7	8.4	92		0.20	14		19.47	13.87	14.25
21.0	1021	12.0			0.018	8.1		8.6	8.2	90		0.20	15		20.30	13.78	14.90
21.0	1021	13.0			-0.000	7.7		8.5	8.2	90		0.19	14		20.67	13.69	15.20
21.0	1021	14.0			-0.016	7.3		8.5	8.1	89		0.20	14		21.27	13.59	15.68
21.0	1021	15.0			-0.003	7.6		8.4	8.0	89		0.23	17		22.02	13.56	16.27
21.0	1021	16.0			0.039	8.6		8.3	8.0	88		0.65	46		22.72	13.53	16.81
21.0	1021	17.0	5.4	0.70	0.040	8.6		8.4	8.0	89		1.07	75		22.92	13.52	16.97
20.0	1043	1.0			-0.076	5.9		9.4	9.2	95		0.29	21		9.23	14.07	6.35
20.0	1043	2.0			-0.078	5.9		9.3	9.1	94		0.27	20		9.70	14.04	6.71
20.0	1043	3.0			-0.071	6.0		9.4	9.2	96		0.27	19		10.46	14.02	7.30
20.0	1043	4.0			-0.057	6.3		9.4	9.2	96		0.24	17		11.49	14.04	8.09
20.0	1043	5.0			-0.048	6.6		9.4	9.2	97		0.20	14		11.60	14.05	8.17
20.0	1043	6.0			-0.042	6.7		9.5	9.3	98		0.17	13		11.75	14.06	8.28
20.0	1043	7.0			-0.033	6.9		9.5	9.3	98		0.16	12		11.87	14.08	8.38
20.0	1043	8.0			-0.016	7.3		9.6	9.5	99		0.14	10		12.13	14.12	8.57
20.0	1043	9.0			0.006	7.8		9.7	9.6	101		0.11	9		12.44	14.17	8.79
20.0	1043	10.0			0.022	8.2		9.7	9.5	101		0.10	8		13.57	14.23	9.65
20.0	1043	11.0			0.015	8.0		9.5	9.4	100		0.11	8		14.57	14.26	10.41
20.0	1043	12.0			-0.015	7.3		9.4	9.2	99		0.13	10		15.39	14.18	11.06
20.0	1043	13.0			-0.040	6.7		9.3	9.1	98		0.14	10		15.87	14.08	11.44
20.0	1043	14.0			-0.051	6.5		9.1	8.9	96		0.13	10		16.63	13.98	12.05
20.0	1043	15.0			-0.047	6.6		9.0	8.7	95		0.14	10		17.98	13.85	13.11
20.0	1043	16.0			-0.044	6.7		8.8	8.6	93		0.15	11		18.72	13.79	13.68
20.0	1043	17.0			-0.057	6.4		8.6	8.3	91		0.17	13		20.09	13.68	14.76
20.0	1043	18.0			-0.075	5.9		8.5	8.2	90		0.18	13		21.68	13.56	16.00
20.0	1043	19.0			-0.089	5.6		8.5	8.1	89		0.18	13		22.17	13.52	16.38
20.0	1043	20.0			-0.096	5.5		8.4	8.1	89		0.18	13		22.42	13.51	16.58
20.0	1043	21.0			-0.098	5.4		8.4	8.0	89		0.17	12		22.77	13.51	16.64
20.0	1043	22.0			-0.102	5.3		8.4	8.0	88		0.15	11		23.00	13.47	17.03
20.0	1043	23.0			-0.106	5.2		8.4	8.0	88		0.17	12		23.65	13.42	17.54
20.0	1043	24.0			-0.105	5.3		8.2	7.9	87		0.17	12		24.59	13.35	18.28
20.0	1043	25.0			-0.106	5.2		8.1	7.6	85		0.19	14				

South San Francisco Bay

4 April 1995

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STN    TIME    DEPTH    DISCR    CHL    ABS    CHL    CALC    DISCR    OXYG    OXYG    CALC    % OXY    DISCR    OBS    CALC    EXCOF    SALIN    TEMP    TEMP    SIGT
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20.0   1043     26.0          CHL a/          - .109   5.2    8.0    7.6    86          0.57    40          27.35   13.19   20.44
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n          r^2          Slope          Inter.          Std. Err.
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CHL Absorption Meter Calibration: 16    0.602    22.888    7.657    2.769
OBS Calibration:                  6     0.998    69.559    0.700    1.927
Dissolved Oxygen Calibration:     6     0.987    1.185    -1.914    0.148
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SeaBird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	CALC % OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1751	1.0			0.280	5.4					0.74	42		0.12	15.24	0.00
657.0	1751	2.0	10.6	0.87	0.305	5.5				44.5	0.76	43		0.11	15.07	0.00
657.0	1751	3.0			0.307	5.5					0.79	44		0.11	15.16	0.00
657.0	1751	4.0			0.300	5.5					0.75	43		0.11	14.88	0.00
657.0	1751	5.0			0.292	5.5					0.74	42		0.10	14.84	0.00
657.0	1751	6.0			0.285	5.4					0.74	43		0.10	14.84	0.00
657.0	1751	7.0			0.284	5.4					0.71	41		0.10	14.83	0.00
657.0	1751	8.0			0.283	5.4					0.73	42		0.10	14.83	0.00
657.0	1751	9.0			0.277	5.4					0.69	40		0.10	14.82	0.00
657.0	1751	10.0			0.271	5.4					0.72	42		0.10	14.81	0.00
657.0	1751	11.0	8.4	0.90	0.271	5.4					0.68	39		0.10	14.80	0.00
649.0	1658	1.0			0.637	6.4					0.75	43	3.1	0.08	14.10	0.00
649.0	1658	2.0	4.4	0.77	0.351	5.6				44.2	0.74	42		0.08	14.06	0.00
649.0	1658	3.0			0.262	5.4					0.74	43		0.08	14.06	0.00
649.0	1658	4.0			0.235	5.3					0.80	45		0.08	13.98	0.00
649.0	1658	5.0			0.225	5.3					0.79	44		0.08	13.97	0.00
649.0	1658	6.0			0.219	5.3					0.80	45		0.08	13.96	0.00
649.0	1658	7.0			0.217	5.2					0.78	44		0.08	13.93	0.00
649.0	1658	8.0			0.215	5.2					0.78	44		0.08	13.84	0.00
649.0	1658	9.0			0.211	5.2					0.77	44		0.07	13.70	0.00
649.0	1658	10.0			0.206	5.2					0.79	45		0.07	13.61	0.00
649.0	1658	11.0			0.201	5.2					0.79	45		0.07	13.57	0.00
649.0	1658	12.0	3.8	0.74	0.201	5.2					0.80	45		0.07	13.56	0.00
2.0	1640	1.0			0.362	5.6					0.47	30	2.4	0.12	15.24	0.00
2.0	1640	2.0			0.226	5.3					0.45	29		0.12	15.15	0.00
2.0	1640	3.0			0.195	5.2					0.49	31		0.11	15.11	0.00
2.0	1640	4.0			0.186	5.2					0.53	33		0.11	14.96	0.00
2.0	1640	5.0			0.188	5.2					0.52	33		0.11	14.94	0.00
2.0	1640	6.0			0.197	5.2					0.57	35		0.10	14.76	0.00
2.0	1640	7.0			0.211	5.2					0.66	39		0.10	14.55	0.00
2.0	1640	8.0			0.226	5.3					0.73	42		0.10	14.43	0.00
2.0	1640	9.0			0.234	5.3					0.83	46		0.10	14.41	0.00
2.0	1640	10.0			0.238	5.3					0.80	45		0.10	14.41	0.00
2.0	1640	11.0			0.238	5.3					0.83	46		0.10	14.40	0.00
3.0	1629	1.0			0.372	5.7					0.47	30	2.6	0.10	14.83	0.00
3.0	1629	2.0	2.9	0.62	0.238	5.3				26.6	0.48	31		0.10	14.83	0.00
3.0	1629	3.0			0.201	5.2					0.45	29		0.11	14.80	0.00
3.0	1629	4.0			0.187	5.2					0.45	29		0.11	14.81	0.00
3.0	1629	5.0			0.180	5.1					0.47	30		0.11	14.75	0.00
3.0	1629	6.0			0.181	5.1					0.50	32		0.11	14.65	0.00

North San Francisco Bay

4 April 1995

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1629	7.0			0.193	5.2					0.54	33		0.10	14.49	0.00
3.0	1629	8.0			0.201	5.2					0.60	36		0.10	14.43	0.00
3.0	1629	9.0			0.200	5.2					0.61	36		0.09	14.44	0.00
3.0	1629	10.0			0.367	5.7					0.64	38		0.09	14.36	0.00
3.0	1629	11.0	5.8	0.57	0.424	5.8					0.73	42		0.09	14.28	0.00
4.0	1604	1.0			0.395	5.7					0.55	34		0.11	14.73	0.00
4.0	1604	2.0			0.296	5.5					0.53	33		0.11	14.72	0.00
4.0	1604	3.0			0.253	5.3					0.61	37		0.10	14.58	0.00
4.0	1604	4.0			0.250	5.3					0.70	41		0.10	14.49	0.00
4.0	1604	5.0			0.247	5.3					0.73	42		0.10	14.45	0.00
4.0	1604	6.0			0.244	5.3					0.73	42		0.10	14.44	0.00
4.0	1604	7.0			0.248	5.3					0.74	42		0.09	14.43	0.00
4.0	1604	8.0			0.252	5.3					0.75	43		0.09	14.41	0.00
4.0	1604	9.0			0.253	5.3					0.79	44		0.09	14.40	0.00
4.0	1604	10.0			0.253	5.3					0.79	45		0.09	14.39	0.00
4.0	1604	11.0			0.254	5.3					0.80	45		0.09	14.39	0.00
4.0	1604	12.0			0.256	5.4					0.79	45		0.09	14.39	0.00
4.0	1604	13.0			0.254	5.3					0.78	44		0.09	14.38	0.00
4.0	1604	14.0			0.254	5.3					0.83	46		0.09	14.34	0.00
4.0	1604	15.0			0.248	5.3					0.84	47		0.09	14.35	0.00
4.0	1604	16.0			0.245	5.3					0.83	47		0.09	14.35	0.00
5.0	1547	1.0			0.366	5.7					0.52	33	2.9	0.11	14.68	0.00
5.0	1547	2.0			0.255	5.4					0.54	33		0.11	14.61	0.00
5.0	1547	3.0			0.212	5.2					0.61	36		0.11	14.53	0.00
5.0	1547	4.0			0.195	5.2					0.62	37		0.11	14.54	0.00
5.0	1547	5.0			0.185	5.2					0.60	36		0.11	14.52	0.00
5.0	1547	6.0			0.184	5.2					0.59	36		0.11	14.50	0.00
5.0	1547	7.0			0.184	5.2					0.62	37		0.11	14.50	0.00
5.0	1547	8.0			0.181	5.1					0.61	36		0.11	14.50	0.00
5.0	1547	9.0			0.182	5.2					0.63	38		0.11	14.50	0.00
5.0	1547	10.0			0.186	5.2					0.61	37		0.11	14.50	0.00
5.0	1547	11.0			0.184	5.2					0.63	37		0.11	14.49	0.00
5.0	1547	12.0			0.183	5.2					0.61	37		0.11	14.49	0.00
6.0	1528	1.0			0.193	5.2					0.69	40		0.09	14.78	0.00
6.0	1528	2.0	3.1	0.75	0.195	5.2				35.0	0.64	38		0.09	14.66	0.00
6.0	1528	3.0			0.196	5.2					0.67	39		0.09	14.53	0.00
6.0	1528	4.0			0.195	5.2					0.71	41		0.09	14.40	0.00
6.0	1528	5.0			0.195	5.2					0.67	39		0.09	14.25	0.00
6.0	1528	6.0			0.196	5.2					0.67	39		0.09	14.23	0.00
6.0	1528	7.0			0.195	5.2					0.69	40		0.09	14.22	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
6.0	1528	8.0			0.193	5.2					0.70	40		0.09	14.21	0.00
6.0	1528	9.0			0.194	5.2					0.72	41		0.09	14.21	0.00
6.0	1528	10.0			0.196	5.2					0.73	42		0.09	14.19	0.00
6.0	1528	11.0			0.192	5.2					0.73	42		0.09	14.18	0.00
6.0	1528	12.0		2.7	0.191	5.2					0.72	42		0.09	14.17	0.00
7.0	1505	1.0			1.091	7.6					0.62	37	3.1	0.12	14.74	0.00
7.0	1505	2.0			0.533	6.1					0.64	38		0.12	14.72	0.00
7.0	1505	3.0			0.303	5.5					0.62	37		0.12	14.73	0.00
7.0	1505	4.0			0.230	5.3					0.66	39		0.11	14.72	0.00
7.0	1505	5.0			0.206	5.2					0.70	40		0.11	14.72	0.00
7.0	1505	6.0			0.198	5.2					0.67	39		0.11	14.72	0.00
7.0	1505	7.0			0.193	5.2					0.66	39		0.11	14.71	0.00
7.0	1505	8.0			0.188	5.2					0.69	40		0.11	14.66	0.00
7.0	1505	9.0			0.186	5.2					0.69	40		0.11	14.63	0.00
7.0	1505	10.0			0.185	5.2					0.70	40		0.11	14.64	0.00
7.0	1505	11.0			0.184	5.2					0.70	41		0.11	14.64	0.00
7.0	1505	12.0			0.184	5.2					0.70	40		0.11	14.63	0.00
7.0	1505	13.0			0.180	5.1					0.69	40		0.11	14.64	0.00
7.0	1505	14.0			0.178	5.1					0.70	41		0.11	14.64	0.00
8.0	1446	1.0			0.789	6.8					0.69	40	3.1	0.11	14.69	0.00
8.0	1446	2.0			0.332	5.6					0.63	37		0.11	14.51	0.00
8.0	1446	3.0			0.237	5.3					0.69	40		0.11	14.51	0.00
8.0	1446	4.0			0.202	5.2					0.74	42		0.11	14.52	0.00
8.0	1446	5.0			0.189	5.2					0.72	41		0.11	14.51	0.00
8.0	1446	6.0			0.185	5.2					0.73	42		0.11	14.51	0.00
8.0	1446	7.0			0.182	5.2					0.75	43		0.11	14.51	0.00
8.0	1446	8.0			0.180	5.1					0.77	44		0.11	14.50	0.00
8.0	1446	9.0			0.181	5.1					0.78	44		0.11	14.50	0.00
8.0	1446	10.0			0.180	5.1					0.78	44		0.11	14.50	0.00
8.0	1446	11.0			0.180	5.1					0.76	43		0.11	14.50	0.00
8.0	1446	12.0			0.181	5.1					0.75	43		0.11	14.50	0.00
8.0	1446	13.0			0.180	5.1					0.73	42		0.11	14.49	0.00
8.0	1446	14.0			0.179	5.1					0.71	41		0.11	14.49	0.00
8.0	1446	15.0			0.179	5.1					0.77	44		0.11	14.48	0.00
9.0	1426	1.0			0.625	6.4					0.89	49	3.7	0.12	14.41	0.00
9.0	1426	2.0	2.6	0.68	0.295	5.5				45.7	0.85	47		0.11	14.39	0.00
9.0	1426	3.0			0.196	5.2					0.86	48		0.12	14.37	0.00
9.0	1426	4.0			0.166	5.1					0.88	48		0.12	14.37	0.00
9.0	1426	5.0			0.158	5.1					0.89	49		0.12	14.37	0.00
9.0	1426	6.0			0.152	5.1					0.90	50		0.12	14.37	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	\$IGT
9.0	1426	7.0			0.148	5.1					0.91	50		0.12	14.37	0.00
9.0	1426	8.0			0.145	5.0					0.92	51		0.12	14.37	0.00
9.0	1426	9.0			0.144	5.0					0.92	50		0.12	14.38	0.00
9.0	1426	10.0			0.142	5.0					0.94	51		0.12	14.37	0.00
9.0	1426	11.0			0.139	5.0					0.96	52		0.12	14.38	0.00
9.0	1426	12.0			0.139	5.0					0.94	52		0.12	14.38	0.00
9.0	1426	13.0			0.142	5.0					0.95	52		0.12	14.38	0.00
9.0	1426	14.0			0.137	5.0					0.95	52		0.12	14.38	0.00
9.0	1426	15.0			0.134	5.0					0.95	52		0.12	14.38	0.00
9.0	1426	16.0			0.135	5.0					0.95	52		0.12	14.38	0.00
9.0	1426	17.0			0.135	5.0					0.95	52		0.13	14.39	0.00
9.0	1426	18.0			0.139	5.0					0.95	52		0.13	14.39	0.00
9.0	1426	19.0			0.139	5.0					0.96	52		0.13	14.39	0.00
9.0	1426	20.0			0.140	5.0					0.96	53		0.13	14.43	0.00
9.0	1426	21.0			0.141	5.0					0.99	53		0.14	14.43	0.00
9.0	1426	22.0			0.144	5.0					1.02	55		0.14	14.43	0.00
9.0	1426	23.0			0.150	5.1					1.03	55		0.14	14.43	0.00
9.0	1426	24.0			0.146	5.1					1.03	56		0.14	14.43	0.00
9.0	1426	25.0			0.141	5.0					1.05	57		0.14	14.44	0.00
9.0	1426	26.0		2.3 0.59	0.144	5.0					1.04	56		0.14	14.44	0.00
10.0	1414	1.0			0.118	5.0					0.90	50		0.13	14.48	0.00
10.0	1414	2.0			0.130	5.0					0.89	49		0.13	14.38	0.00
10.0	1414	3.0			0.137	5.0					0.99	54		0.13	14.37	0.00
10.0	1414	4.0			0.139	5.0					1.06	57		0.13	14.37	0.00
10.0	1414	5.0			0.138	5.0					1.07	57		0.13	14.38	0.00
10.0	1414	6.0			0.140	5.0					1.06	57		0.13	14.37	0.00
10.0	1414	7.0			0.136	5.0					1.06	57		0.13	14.36	0.00
10.0	1414	8.0			0.132	5.0					1.07	57		0.13	14.36	0.00
10.0	1414	9.0			0.132	5.0					1.08	58		0.13	14.37	0.00
10.0	1414	10.0			0.130	5.0					1.09	58		0.13	14.37	0.00
10.0	1414	11.0			0.134	5.0					1.11	59		0.13	14.38	0.00
10.0	1414	12.0			0.139	5.0					1.10	59		0.13	14.38	0.00
10.0	1414	13.0			0.142	5.0					1.08	58		0.13	14.37	0.00
10.0	1414	14.0			0.141	5.0					1.09	58		0.13	14.37	0.00
10.0	1414	15.0			0.135	5.0					1.08	58		0.13	14.37	0.00
10.0	1414	16.0			0.133	5.0					1.09	58		0.13	14.38	0.00
10.0	1414	17.0			0.135	5.0					1.09	58		0.13	14.37	0.00
10.0	1414	18.0			0.135	5.0					1.10	59		0.13	14.37	0.00
10.0	1414	19.0			0.128	5.0					1.06	57		0.13	14.37	0.00
10.0	1414	20.0			0.128	5.0					1.15	61		0.13	14.37	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
11.0	1351	1.0			0.772	6.8						0.92	51	3.7	0.66	14.30	0.00
11.0	1351	2.0			0.238	5.3						0.91	50		0.83	14.22	0.00
11.0	1351	3.0			0.078	4.9		8.4	7.9	78		0.98	53		1.05	14.20	0.03
11.0	1351	4.0			0.023	4.7		8.4	7.9	77		1.01	55		1.12	14.19	0.09
11.0	1351	5.0			0.009	4.7		8.3	7.9	77		1.08	58		1.13	14.19	0.10
11.0	1351	6.0			-.003	4.6		8.4	7.9	77		1.10	59		1.15	14.19	0.11
11.0	1351	7.0			-.025	4.6		8.6	8.1	79		1.10	59		1.22	14.18	0.17
11.0	1351	8.0			-.046	4.5		8.7	8.2	81		0.99	54		2.15	14.13	0.89
11.0	1351	9.0			-.056	4.5		8.6	8.1	81		0.93	51		3.17	14.08	1.68
11.0	1351	10.0			-.064	4.5		8.7	8.1	81		0.88	48		3.93	14.02	2.28
11.0	1351	11.0			-.074	4.4		8.7	8.1	81		0.82	46		4.54	13.98	2.76
11.0	1351	12.0			-.080	4.4		8.7	8.2	82		0.78	44		5.13	13.95	3.21
11.0	1351	13.0			-.084	4.4		8.7	8.2	82		0.75	43		5.76	13.93	3.70
11.0	1351	14.0			-.078	4.4		8.7	8.1	82		0.75	43		6.77	13.88	4.49
11.0	1351	15.0			-.037	4.5		8.5	8.0	82		1.05	56		8.31	13.82	5.68
11.0	1351	16.0			0.059	4.8		8.5	8.0	82		3.05	147		10.56	13.73	7.42
11.0	1351	17.0			0.069	4.8		8.4	7.9	83		5.79	271		14.12	13.61	10.18
12.0	1332	1.0			0.017	4.7		9.2	8.6	85		0.79	44		1.41	14.33	0.29
12.0	1332	2.0			-.013	4.6		9.2	8.5	84		0.86	48		1.66	14.25	0.50
12.0	1332	3.0			-.027	4.6		9.1	8.5	84		0.92	50		1.86	14.24	0.65
12.0	1332	4.0			-.045	4.5		9.0	8.4	84		0.95	52		2.47	14.19	1.13
12.0	1332	5.0			-.068	4.5		9.0	8.4	84		0.98	53		3.71	14.05	2.11
12.0	1332	6.0			-.088	4.4		8.9	8.3	83		0.92	50		5.06	13.95	3.16
12.0	1332	7.0			-.100	4.4		8.8	8.2	83		0.79	44		6.54	13.89	4.31
12.0	1332	8.0			-.110	4.3		8.5	8.0	82		0.63	37		9.10	13.80	6.29
12.0	1332	9.0			-.098	4.4		8.2	7.8	82		0.56	34		15.52	13.56	11.26
12.0	1332	10.0			-.090	4.4		8.0	7.6	83		0.77	44		20.68	13.43	15.25
12.5	1310	1.0			0.596	6.3		9.1	8.5	84		0.92	50	3.7	2.03	14.26	0.78
12.5	1310	2.0		2.3	0.64	5.2	8.2	9.1	8.5	84	52.0	0.90	50		2.39	14.20	1.07
12.5	1310	3.0			0.027	4.7		9.0	8.4	83		0.89	49		2.69	14.18	1.31
12.5	1310	4.0			-.038	4.5		8.9	8.4	83		0.87	48		3.92	14.03	2.27
12.5	1310	5.0			-.070	4.5		8.9	8.3	83		0.76	43		5.14	13.96	3.22
12.5	1310	6.0			-.086	4.4		8.8	8.2	83		0.71	41		6.57	13.90	4.33
12.5	1310	7.0			-.090	4.4		8.7	8.1	83		0.65	38		8.97	13.80	6.19
12.5	1310	8.0			-.083	4.4		8.6	8.1	83		0.57	34		9.89	13.77	6.90
12.5	1310	9.0			-.073	4.4		8.5	8.0	83		0.52	33		11.30	13.72	7.99
12.5	1310	10.0			-.043	4.5		8.3	7.8	82		0.70	41		14.11	13.63	10.17
12.5	1310	11.0			0.040	4.8		8.1	7.6	82		1.64	83		18.41	13.50	13.50
12.5	1310	12.0		3.7	0.57	4.8		7.9	7.5	82		2.37	116		22.33	13.39	16.53

North San Francisco Bay

4 April 1995

95094

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
15.0	1219	1.0			0.022	4.7	8.8	9.3	8.7	88		0.61	36	2.9	4.10	14.40	2.35
15.0	1219	2.0	7.4	0.81	0.033	4.7		9.4	8.7	88		0.63	38		4.16	14.31	2.42
15.0	1219	3.0			0.044	4.8	8.8	9.4	8.7	88		0.74	42		4.20	14.32	2.44
15.0	1219	4.0			0.047	4.8		9.3	8.7	87		0.78	44		4.26	14.32	2.49
15.0	1219	5.0			0.035	4.7		9.3	8.6	87		0.83	46		4.40	14.33	2.59
15.0	1219	6.0			0.011	4.7		9.1	8.5	86		0.81	46		5.40	14.19	3.39
15.0	1219	7.0			-0.006	4.6		9.1	8.5	86		0.80	45		5.73	14.10	3.65
15.0	1219	8.0			-0.027	4.6		8.8	8.3	84		0.78	44		6.28	14.04	4.09
15.0	1219	9.0			-0.063	4.5		8.5	8.0	84		0.80	45		13.15	13.73	9.41
15.0	1219	10.0			-0.093	4.4		8.3	7.8	84		0.75	43		17.57	13.62	12.83
15.0	1219	11.0			-0.099	4.4		8.2	7.7	84		0.68	40		19.07	13.55	14.00
15.0	1219	12.0			-0.089	4.4		8.2	7.7	84		0.67	39		20.13	13.50	14.82
15.0	1219	13.0			-0.074	4.4		8.1	7.7	84		0.71	41		20.64	13.47	15.22
15.0	1219	14.0			-0.060	4.5		8.1	7.6	84		0.85	47		20.84	13.47	15.37
15.0	1219	15.0			-0.052	4.5		8.1	7.7	84		1.13	60		20.99	13.46	15.49
15.0	1219	16.0			-0.060	4.5		8.1	7.7	84		1.08	58		21.00	13.46	15.50
15.0	1219	17.0			-0.069	4.5		8.1	7.7	84		1.00	54		21.15	13.46	15.61
15.0	1219	18.0			-0.071	4.5		8.0	7.6	83		0.87	48		21.63	13.44	15.98
15.0	1219	19.0			-0.060	4.5		8.0	7.5	83		0.81	46		22.46	13.40	16.63
15.0	1219	20.0			-0.11	4.6		7.8	7.4	82		1.27	66		24.07	13.32	17.89
15.0	1219	21.0			0.067	4.8		7.8	7.4	83		2.46	120		24.88	13.29	18.51
15.0	1219	22.0			0.158	5.1		7.8	7.4	83		5.03	237		25.00	13.28	18.61
15.0	1219	23.0	13.8	0.34	0.161	5.1		7.8	7.4	83		9.85	455		25.09	13.28	18.68
17.0	1127	1.0			-0.046	4.5		9.1	8.5	86		0.51	32		5.14	14.09	3.20
17.0	1127	2.0			-0.042	4.5		9.1	8.5	86		0.49	31		5.78	14.06	3.70
17.0	1127	3.0			-0.038	4.5		9.1	8.5	86		0.49	31		7.64	14.01	5.14
17.0	1127	4.0			-0.035	4.6		9.1	8.5	87		0.50	31		8.44	14.01	5.75
17.0	1127	5.0			-0.034	4.6		8.9	8.4	87		0.48	30		10.72	14.00	7.50
17.0	1127	6.0			-0.040	4.5		8.9	8.3	87		0.40	27		12.87	13.90	9.17
17.0	1127	7.0			-0.053	4.5		8.7	8.2	86		0.30	23		13.62	13.84	9.76
17.0	1127	8.0			-0.059	4.5		8.7	8.1	87		0.28	21		15.27	13.77	11.04
17.0	1127	9.0			-0.062	4.5		8.6	8.1	86		0.20	18		15.89	13.77	11.51
17.0	1127	10.0			-0.071	4.5		8.6	8.0	86		0.20	18		16.49	13.69	11.98
17.0	1127	11.0			-0.079	4.4		8.4	7.9	86		0.21	18		17.90	13.61	13.08
17.0	1127	12.0			-0.086	4.4		8.4	7.9	85		0.23	19		18.80	13.58	13.78
17.0	1127	13.0			-0.093	4.4		8.3	7.8	85		0.25	20		19.24	13.56	14.13
17.0	1127	14.0			-0.098	4.4		8.3	7.8	85		0.25	20		19.58	13.55	14.39
17.0	1127	15.0			-0.105	4.4		8.2	7.7	84		0.27	21		20.21	13.49	14.88
17.0	1127	16.0			-0.104	4.4		8.1	7.6	84		0.39	26		21.70	13.43	16.04
17.0	1127	17.0			-0.098	4.4		8.0	7.6	84		0.55	34		22.48	13.39	16.65
17.0	1127	18.0			-0.094	4.4		8.0	7.6	84		0.67	39		22.78	13.38	16.88
17.0	1127	19.0			-0.093	4.4		8.0	7.6	84		0.76	43		23.13	13.36	17.16

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1104	1.0			-146	4.2		9.0	8.4		0.20	18		13.77	14.16	9.81
18.0	1104	2.0	3.8	0.81	-131	4.3	8.7	9.1	8.5	20.3	0.19	17		13.87	14.12	9.90
18.0	1104	3.0			-115	4.3		9.0	8.4		0.19	18		13.98	14.09	9.99
18.0	1104	4.0			-101	4.4		8.9	8.3		0.19	18		14.02	14.07	10.02
18.0	1104	5.0			-099	4.4		8.8	8.2		0.19	17		14.54	13.94	10.44
18.0	1104	6.0			-107	4.4		8.7	8.2		0.20	18		15.99	13.71	11.60
18.0	1104	7.0			-112	4.3		8.7	8.1		0.23	19		16.38	13.70	11.90
18.0	1104	8.0			-119	4.3		8.6	8.1		0.23	19		16.48	13.70	11.98
18.0	1104	9.0			-122	4.3		8.6	8.1		0.25	20		16.54	13.70	12.02
18.0	1104	10.0			-123	4.3		8.6	8.1		0.25	20		16.59	13.70	12.07
18.0	1104	11.0			-117	4.3		8.6	8.1		0.25	20		16.95	13.69	12.34
18.0	1104	12.0			-111	4.3		8.7	8.1		0.25	20		16.96	13.70	12.35
18.0	1104	13.0			-108	4.4		8.6	8.1		0.26	21		18.23	13.68	13.32
18.0	1104	14.0			-098	4.4		8.6	8.1		0.24	20		19.05	13.68	13.95
18.0	1104	15.0			-093	4.4		8.5	8.0		0.22	19		19.37	13.67	14.20
18.0	1104	16.0			-098	4.4		8.5	8.0		0.21	18		19.95	13.65	14.65
18.0	1104	17.0			-103	4.4		8.4	7.9		0.20	18		20.47	13.62	15.06
18.0	1104	18.0			-110	4.3		8.3	7.9		0.21	18		20.87	13.59	15.37
18.0	1104	19.0			-112	4.3		8.4	7.9		0.20	18		21.18	13.57	15.61
18.0	1104	20.0			-109	4.3		8.2	7.8		0.20	18		23.16	13.48	17.15
18.0	1104	21.0			-110	4.3		8.2	7.7		0.18	17		23.29	13.47	17.26
18.0	1104	22.0			-121	4.3		8.1	7.7		0.19	17		23.59	13.42	17.49
18.0	1104	23.0			-133	4.3		8.1	7.6		0.21	18		23.88	13.37	17.73
18.0	1104	24.0			-120	4.3		8.1	7.6		0.28	22		24.36	13.35	18.10
18.0	1104	25.0			-108	4.4		8.0	7.6		0.32	23		24.40	13.37	18.13
18.0	1104	26.0			-110	4.3		8.1	7.6		0.33	24		24.43	13.38	18.15
18.0	1104	27.0			-115	4.3		8.1	7.6		0.33	24		24.63	13.38	18.31
18.0	1104	28.0			-121	4.3		8.0	7.5		0.28	22		25.21	13.35	18.76
18.0	1104	29.0			-126	4.3		7.9	7.5		0.28	21		26.03	13.28	19.40
18.0	1104	30.0			-139	4.3		7.8	7.4		0.22	19		26.88	13.22	20.07
18.0	1104	31.0			-147	4.2		7.7	7.3		0.19	17		27.50	13.18	20.56
18.0	1104	32.0			-151	4.2		7.7	7.3		0.18	17		27.91	13.15	20.88
18.0	1104	33.0			-154	4.2		7.7	7.3		0.21	18		28.47	13.10	21.32
18.0	1104	34.0			-153	4.2		7.6	7.2		0.23	19		28.85	13.09	21.62
18.0	1104	35.0			-149	4.2		7.6	7.2		0.20	18		28.99	13.08	21.73
18.0	1104	36.0	4.2	0.80	-148	4.2		7.6	7.3		0.19	17		29.08	13.06	21.80

n	r ²	Slope	Inter.	Std. Err.
16	0.017	2.747	4.649	3.420
7	0.945	45.298	8.846	2.947
3	0.263	0.853	0.736	0.350

CHL Absorption Meter Calibration:
 OBS Calibration:
 Dissolved Oxygen Calibration:

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
35.0	0937	1.0			-.096	4.3		7.4	7.9	84		0.24	16		12.40	15.00	8.62
35.0	0937	2.0			-.095	4.3		7.2	7.6	82		0.23	15		13.89	14.70	9.81
35.0	0937	3.0			-.080	5.0		7.1	7.6	82		0.27	17		15.49	14.31	11.11
35.0	0937	4.0			-.063	5.8		7.1	7.6	82		0.28	18		15.81	14.25	11.37
35.0	0937	5.0			-.042	6.8		7.2	7.7	83		0.39	23		15.97	14.22	11.49
35.0	0937	6.0			-.032	7.3		7.2	7.7	83		0.44	26		15.99	14.22	11.52
35.0	0937	7.0			-.027	7.6		7.2	7.7	83		0.53	30		16.02	14.22	11.54
35.0	0937	8.0			0.062	11.8		7.2	7.7	83		0.65	36		16.06	14.21	11.57
35.0	0937	9.0			0.090	13.2		7.2	7.6	82		0.91	49		16.06	14.25	11.56
34.0	0946	1.0			0.019	9.8		8.1	8.5	90		1.09	58		6.71	15.82	4.12
34.0	0946	2.0			0.004	9.1		8.1	8.5	90		1.08	57		6.81	15.82	4.20
34.0	0946	3.0			0.022	9.9		8.1	8.4	89		1.07	57		6.97	15.81	4.33
34.0	0946	4.0			-.008	8.5		7.9	8.3	88		0.83	45		8.43	15.78	5.45
34.0	0946	5.0			-.012	8.3		7.8	8.2	88		0.59	33		9.35	15.64	6.17
34.0	0946	6.0			0.432	29.6		7.5	7.9	85		0.57	32		10.43	15.46	7.03
34.0	0946	7.0			0.155	16.3		7.4	7.8	84		0.67	37		12.70	14.93	8.87
34.0	0946	8.0			-.225	-2.0		7.7	8.1	88		0.95	51		17.49	13.97	12.70
33.0	1004	1.0			0.270	21.8		8.2	8.6	92		0.43	25		7.96	15.97	5.05
33.0	1004	2.0			0.355	25.9		8.2	8.6	91		0.43	25		7.97	15.96	5.07
33.0	1004	3.0			0.234	20.1		7.9	8.3	88		0.44	26		8.02	15.92	5.11
33.0	1004	4.0			0.140	15.6		7.5	7.9	85		0.43	25		9.76	15.57	6.50
33.0	1004	5.0			0.282	22.4		7.2	7.7	83		0.42	25		13.05	14.91	9.13
33.0	1004	6.0			0.904	52.3		7.3	7.7	83		0.35	22		14.78	14.53	10.53
33.0	1004	7.0			0.968	55.4		7.3	7.8	84		0.30	19		15.48	14.37	11.09
33.0	1004	8.0			0.423	29.2		7.3	7.8	84		0.28	18		15.99	14.27	11.50
33.0	1004	9.0			0.208	18.9		7.4	7.9	85		0.28	18		16.25	14.21	11.71
33.0	1004	10.0			0.181	17.5		7.4	7.9	85		0.27	18		16.43	14.18	11.86
33.0	1004	11.0			0.158	16.4		7.4	7.9	85		0.27	17		16.56	14.15	11.96
33.0	1004	12.0			0.138	15.5		7.4	7.9	85		0.36	22		16.75	14.11	12.11
32.0	1014	1.0			-.048	6.5		7.7	8.1	87		0.50	28		8.45	16.06	5.41
32.0	1014	2.0	6.8	0.71	-.052	6.4	7.4	7.3	7.7	83	28.0	0.49	28		9.51	15.77	6.27
32.0	1014	3.0			-.054	6.3		7.1	7.5	81		0.47	27		12.60	15.09	8.76
32.0	1014	4.0			-.049	6.5		7.1	7.6	82		0.40	24		14.98	14.49	10.68
32.0	1014	5.0			-.037	7.1		7.2	7.7	83		0.27	17		16.02	14.27	11.52
32.0	1014	6.0			-.031	7.4		7.3	7.7	83		0.19	13		16.58	14.16	11.98
32.0	1014	7.0			-.025	7.6		7.3	7.8	84		0.20	14		16.84	14.11	12.18
32.0	1014	8.0			-.019	7.9		7.3	7.8	84		0.22	15		17.01	14.09	12.32
32.0	1014	9.0			-.025	7.6		7.3	7.8	84		0.25	17		17.23	14.07	12.49
32.0	1014	10.0			-.044	6.7		7.3	7.7	84		0.21	14		17.57	14.04	12.76
32.0	1014	11.0			-.058	6.1		7.3	7.7	84		0.19	13		17.75	14.02	12.89

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	1014	12.0	6.7	0.69	-.056	6.2		7.3	7.8	84		0.22	15		17.93	13.99	13.04
31.0	1027	1.0			-.065	5.8		7.2	7.7	82		0.46	27		9.64	15.69	6.39
31.0	1027	2.0			-.059	6.0		7.3	7.8	84		0.27	17		13.61	14.84	9.58
31.0	1027	3.0			-.049	6.5		7.2	7.6	82		0.21	15		13.74	14.80	9.69
31.0	1027	4.0			-.037	7.1		7.2	7.7	83		0.16	12		15.39	14.40	11.02
31.0	1027	5.0			-.021	7.9		7.3	7.7	84		0.12	10		16.52	14.18	11.93
31.0	1027	6.0			-.010	8.4		7.3	7.7	83		0.16	12		17.05	14.09	12.35
31.0	1027	7.0			-.004	8.7		7.3	7.8	84		0.17	13		17.25	14.07	12.50
31.0	1027	8.0			-.013	8.2		7.4	7.8	85		0.14	11		17.49	14.06	12.69
31.0	1027	9.0			-.026	7.6		7.3	7.8	85		0.11	9		17.84	14.04	12.97
31.0	1027	10.0			-.033	7.3		7.3	7.7	84		0.13	11		18.06	13.99	13.14
31.0	1027	11.0			-.034	7.2		7.3	7.8	84		0.14	11		18.25	13.98	13.29
31.0	1027	12.0			-.021	7.8		7.3	7.8	85		0.13	11		18.40	13.96	13.40
31.0	1027	13.0			-.018	8.0		7.3	7.8	85		0.15	12		18.55	13.94	13.53
30.0	1043	1.0			0.026	10.1		8.2	8.6	93		0.25	17		11.45	15.60	7.79
30.0	1043	2.0	9.8	0.82	0.030	10.3	7.8	8.1	8.5	91	16.7	0.25	16		11.44	15.63	7.77
30.0	1043	3.0			0.032	10.4		7.8	8.2	89		0.25	16		11.98	15.45	8.22
30.0	1043	4.0			0.025	10.0		7.5	7.9	86		0.20	14		13.54	14.98	9.50
30.0	1043	5.0			0.002	9.0		7.4	7.9	86		0.09	8		16.54	14.35	11.91
30.0	1043	6.0			-.018	8.0		7.5	7.9	86		0.06	7		17.53	14.17	12.70
30.0	1043	7.0			-.028	7.5		7.5	8.0	87		0.07	8		17.74	14.12	12.87
30.0	1043	8.0			-.035	7.2		7.5	7.9	86		0.07	8		17.77	14.13	12.89
30.0	1043	9.0			-.045	6.7		7.4	7.8	85		0.09	8		18.17	14.03	13.21
30.0	1043	10.0			-.055	6.2		7.4	7.8	85		0.15	11		18.47	13.98	13.46
30.0	1043	11.0			-.054	6.2		7.4	7.8	85		0.21	14		18.61	13.97	13.56
30.0	1043	12.0	5.9	0.67	-.051	6.4		7.4	7.9	86		0.19	14		18.76	13.96	13.68
29.5	1058	1.0			0.022	9.9		8.4	8.8	95		0.07	8		11.30	15.65	7.66
29.5	1058	2.0			0.023	10.0		8.3	8.7	94		0.06	7		11.31	15.64	7.67
29.5	1058	3.0			0.012	9.4		7.8	8.2	88		0.06	7		11.39	15.61	7.74
29.5	1058	4.0			0.003	9.0		7.6	8.1	87		0.06	7		14.75	14.82	10.45
29.5	1058	5.0			-.000	8.8		7.5	8.0	87		0.04	6		16.03	14.62	11.48
29.5	1058	6.0			-.005	8.6		7.5	7.9	86		0.03	6		17.21	14.26	12.44
29.5	1058	7.0			-.012	8.3		7.5	7.9	86		0.04	6		17.85	14.10	12.96
29.5	1058	8.0			-.024	7.7		7.4	7.9	86		0.06	7		18.21	14.06	13.24
29.5	1058	9.0			-.035	7.2		7.4	7.8	86		0.07	8		18.57	14.00	13.53
29.5	1058	10.0			-.043	6.8		7.5	7.9	86		0.09	8		18.93	13.98	13.81
29.5	1058	11.0			-.043	6.8		7.4	7.9	86		0.11	10		19.05	13.97	13.90
29.5	1058	12.0			-.040	6.9		7.4	7.8	86		0.11	10		19.18	13.96	14.01
29.5	1058	13.0			-.040	6.9		7.4	7.9	86		0.12	10		19.34	13.95	14.13
29.5	1058	14.0			-.042	6.8		7.4	7.9	86		0.12	10		19.49	13.95	14.25

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1058	15.0			-.042	6.8		7.4	7.8	86		0.14	11		19.55	13.94	14.29
29.5	1058	16.0			-.042	6.9		7.4	7.9	86		0.14	11		19.60	13.94	14.33
29.0	1110	1.0			0.040	10.8		8.7	9.0	98		0.05	6		11.82	15.71	8.05
29.0	1110	2.0		9.9	0.040	10.8		8.7	9.0	98		0.04	6		11.83	15.71	8.06
29.0	1110	3.0			0.040	10.8		8.6	9.0	97		0.05	7		11.83	15.71	8.06
29.0	1110	4.0			0.041	10.8		8.4	8.7	95		0.05	6		12.10	15.64	8.27
29.0	1110	5.0			0.042	10.9		8.3	8.7	95		0.03	5		14.79	15.14	10.42
29.0	1110	6.0			0.016	9.6		7.8	8.2	90		0.03	5		16.48	14.66	11.81
29.0	1110	7.0			-.033	7.3		7.6	8.0	87		0.04	6		17.82	14.18	12.93
29.0	1110	8.0			-.069	5.5		7.5	7.9	87		0.07	7		19.13	14.01	13.96
29.0	1110	9.0			-.084	4.8		7.5	7.9	86		0.07	7		19.43	13.96	14.20
29.0	1110	10.0			-.088	4.6		7.5	7.9	87		0.07	8		19.70	13.94	14.41
29.0	1110	11.0			-.084	4.8		7.4	7.9	86		0.07	7		19.93	13.91	14.59
29.0	1110	12.0			-.080	5.0		7.4	7.9	86		0.08	8		20.19	13.89	14.80
29.0	1110	13.0			-.081	5.0		7.4	7.8	86		0.08	8		20.40	13.86	14.96
29.0	1110	14.0			-.080	5.0		7.4	7.9	86		0.08	8		20.51	13.85	15.05
29.0	1110	15.0			-.080	5.0		7.5	7.9	87		0.14	11		20.52	13.85	15.06
28.5	1119	1.0			0.087	13.0		8.7	9.0	98		0.06	7	1.0	11.35	15.82	7.67
28.5	1119	2.0			0.062	11.9		8.5	8.9	96		0.04	6		11.45	15.75	7.76
28.5	1119	3.0			0.048	11.2		8.3	8.6	94		0.05	7		11.94	15.62	8.16
28.5	1119	4.0			0.048	11.2		8.1	8.5	92		0.05	6		14.25	15.17	10.01
28.5	1119	5.0			0.054	11.5		7.9	8.3	90		0.02	5		16.76	14.59	12.03
28.5	1119	6.0			0.026	10.1		7.7	8.1	89		0.04	6		17.69	14.34	12.79
28.5	1119	7.0			-.020	7.9		7.6	8.0	88		0.05	7		18.64	14.15	13.56
28.5	1119	8.0			-.054	6.3		7.6	8.0	88		0.06	7		18.85	14.11	13.73
28.5	1119	9.0			-.062	5.9		7.6	8.0	88		0.05	6		19.05	14.08	13.89
28.5	1119	10.0			-.061	5.9		7.5	8.0	87		0.05	7		19.43	14.02	14.19
28.5	1119	11.0			-.056	6.2		7.5	7.9	87		0.07	8		19.86	13.93	14.53
28.5	1119	12.0			-.054	6.3		7.5	7.9	87		0.06	7		20.09	13.90	14.72
28.5	1119	13.0			-.056	6.2		7.4	7.9	87		0.07	8		20.33	13.88	14.90
28.5	1119	14.0			-.061	5.9		7.4	7.9	87		0.08	8		20.45	13.86	15.00
28.5	1119	15.0	4.3	0.74	-.061	5.9		7.5	7.9	87		0.07	8		20.61	13.84	15.13
28.0	1129	1.0			0.082	12.8		8.9	9.2	100		0.03	5	0.7	12.20	15.73	8.34
28.0	1129	2.0			0.075	12.5		8.2	8.6	93		0.01	5		12.33	15.65	8.45
28.0	1129	3.0			0.050	11.3		8.0	8.4	92		0.01	4		16.89	14.60	12.13
28.0	1129	4.0			0.007	9.2		7.8	8.2	90		0.03	5		18.23	14.39	13.20
28.0	1129	5.0			-.023	7.8		7.7	8.1	89		0.04	6		18.70	14.23	13.59
28.0	1129	6.0			-.055	6.2		7.6	8.0	89		0.05	7		19.70	14.07	14.39
28.0	1129	7.0			-.076	5.2		7.6	8.0	88		0.04	6		20.02	14.02	14.65
28.0	1129	8.0			-.082	4.9		7.6	8.0	89		0.05	6		20.18	14.01	14.77

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
28.0	1129	9.0			-0.78	5.1		7.6	8.0	88		0.06	7		20.27	13.99	14.84
28.0	1129	10.0			-0.76	5.2		7.5	8.0	88		0.07	7		20.39	13.97	14.94
28.0	1129	11.0			-0.73	5.3		7.5	7.9	87		0.07	7		20.68	13.91	15.17
28.0	1129	12.0			-0.75	5.3		7.5	7.9	87		0.07	7		20.89	13.89	15.33
28.0	1129	13.0			-0.76	5.2		7.4	7.9	87		0.09	8		21.12	13.85	15.51
28.0	1129	14.0			-0.72	5.4		7.4	7.8	87		0.14	11		21.34	13.81	15.69
28.0	1129	15.0			-0.72	5.4		7.4	7.8	87		0.22	15		21.36	13.81	15.71
27.0	1144	1.0			0.017	9.7		8.3	8.7	94		0.02	5	0.8	11.93	15.82	8.12
27.0	1144	2.0	12.7	0.79	-0.03	8.7	9.0	7.7	8.1	89	5.0	0.03	5		15.99	14.91	11.39
27.0	1144	3.0			-0.61	5.9		7.5	7.9	87		0.03	5		19.66	14.15	14.34
27.0	1144	4.0			-0.95	4.3		7.5	7.9	88		0.03	6		20.71	13.93	15.19
27.0	1144	5.0			-1.04	3.8		7.4	7.9	87		0.04	6		21.01	13.89	15.43
27.0	1144	6.0			-1.05	3.8		7.5	7.9	87		0.06	7		21.49	13.83	15.81
27.0	1144	7.0			-1.07	3.7		7.5	7.9	88		0.07	8		21.67	13.82	15.95
27.0	1144	8.0			-1.09	3.6		7.5	7.9	88		0.07	8		21.74	13.81	16.00
27.0	1144	9.0			-1.08	3.7		7.5	7.9	88		0.09	9		21.86	13.79	16.10
27.0	1144	10.0			-1.00	4.0		7.3	7.8	86		0.11	10		22.49	13.70	16.60
27.0	1144	11.0	2.5	0.60	-0.99	4.1		7.3	7.7	86		0.16	12		23.24	13.60	17.19
26.0	1156	1.0			0.134	15.3		9.7	9.9	109		0.04	6		12.82	15.84	8.79
26.0	1156	2.0			0.128	15.0		9.5	9.8	107		0.04	6		12.85	15.84	8.82
26.0	1156	3.0			0.106	14.0		8.8	9.1	100		0.04	6		13.12	15.71	9.04
26.0	1156	4.0			0.032	10.4		7.8	8.3	90		0.04	6		15.71	15.01	11.16
26.0	1156	5.0			-0.99	6.0		7.6	8.0	88		0.04	6		20.65	13.96	15.14
26.0	1156	6.0			-1.05	3.8		7.4	7.9	87		0.06	7		21.99	13.76	16.20
26.0	1156	7.0			-1.19	3.1		7.4	7.8	87		0.06	7		22.71	13.66	16.77
26.0	1156	8.0			-1.20	3.1		7.3	7.7	86		0.05	7		24.34	13.45	18.07
26.0	1156	9.0			-1.20	3.1		7.2	7.7	86		0.09	8		25.02	13.36	18.61
26.0	1156	10.0			-1.21	3.1		7.3	7.8	87		0.12	10		25.02	13.37	18.61
25.0	1212	1.0			0.066	12.0		9.4	9.7	106		0.01	5	0.7	12.35	15.86	8.43
25.0	1212	2.0			0.065	12.0		9.0	9.3	102		0.01	5		12.19	15.90	8.30
25.0	1212	3.0			0.040	10.8		8.6	8.9	97		0.00	4		13.12	15.57	9.07
25.0	1212	4.0			0.002	8.9		7.8	8.2	89		0.01	4		14.38	15.26	10.09
25.0	1212	5.0			-0.40	6.9		7.2	7.6	84		0.02	5		18.39	14.42	13.32
25.0	1212	6.0			-0.79	5.1		7.0	7.5	84		0.05	7		23.56	13.59	17.44
25.0	1212	7.0			-0.88	4.6		7.0	7.5	84		0.14	11		25.61	13.30	19.08
25.0	1212	8.0			-0.80	5.0		7.1	7.6	86		0.67	37		25.87	13.27	19.28
24.0	1229	1.0			0.206	18.8		9.9	10.1	110		0.02	5		13.65	15.42	9.50
24.0	1229	2.0	17.1	0.84	0.198	18.4	10.8	9.9	10.1	110	5.8	0.04	6		13.64	15.41	9.50
24.0	1229	3.0			0.185	17.8		9.8	10.1	110		0.02	5		13.66	15.40	9.51

STN	TIME	DEPTH	DISCR CHL a	CHL a/PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	STGT
24.0	1229	4.0			0.155	16.3		9.7	9.9	108		0.01	5		13.75	15.37	9.59
24.0	1229	5.0			0.073	12.4		9.1	9.4	102		0.03	5		14.13	15.21	9.90
24.0	1229	6.0			-.036	7.1		8.2	8.6	94		0.01	5		15.93	14.78	11.37
24.0	1229	7.0			-.119	3.1		7.7	8.1	89		0.02	5		20.31	14.03	14.86
24.0	1229	8.0			-.164	1.0		7.4	7.8	87		0.04	6		23.36	13.53	17.30
24.0	1229	9.0			-.173	0.5		7.2	7.7	86		0.14	11		25.94	13.26	19.34
24.0	1229	10.0	1.4	0.53	-.170	0.7		7.4	7.9	89		0.20	14		26.19	13.24	19.53
23.0	1247	1.0			-.030	7.4		9.0	9.3	101		0.00	4	0.7	12.16	15.69	8.31
23.0	1247	2.0			-.044	6.8		8.7	9.0	98		0.00	4		13.07	15.43	9.06
23.0	1247	3.0			-.051	6.4		8.8	9.1	99		0.01	4		14.53	15.02	10.24
23.0	1247	4.0			-.037	7.1		8.7	9.0	98		0.00	4		14.68	14.97	10.38
23.0	1247	5.0			-.046	6.7		8.4	8.7	95		0.01	4		15.80	14.71	11.28
23.0	1247	6.0			-.098	4.2		7.5	7.9	87		0.04	6		18.89	14.28	13.73
23.0	1247	7.0			-.144	1.9		7.3	7.8	86		0.04	6		22.11	13.81	16.28
23.0	1247	8.0			-.165	0.9		7.3	7.7	86		0.02	5		22.78	13.69	16.83
23.0	1247	9.0			-.172	0.6		7.2	7.7	86		0.04	6		24.56	13.42	18.24
23.0	1247	10.0			-.174	0.5		7.1	7.6	85		0.06	7		25.95	13.26	19.34
23.0	1247	11.0			-.177	0.4		7.0	7.6	85		0.09	9		26.31	13.22	19.63
23.0	1247	12.0			-.178	0.3		7.0	7.5	85		0.09	9		26.51	13.20	19.79
23.0	1247	13.0			-.175	0.4		7.1	7.5	85		0.10	9		26.93	13.15	20.12
23.0	1247	14.0			-.169	0.7		7.0	7.5	84		0.14	11		27.24	13.13	20.36
23.0	1247	15.0			-.169	0.8		7.1	7.6	86		0.14	11		27.26	13.13	20.39
22.0	1306	1.0			0.043	10.9		9.6	9.8	107		0.00	4	0.8	12.55	15.64	8.62
22.0	1306	2.0			0.040	10.8		9.2	9.5	103		0.00	4		12.59	15.62	8.65
22.0	1306	3.0			-.001	8.8		9.0	9.3	101		0.00	4		13.90	15.19	9.74
22.0	1306	4.0			-.029	7.5		8.9	9.2	100		0.00	4		14.85	14.92	10.51
22.0	1306	5.0			-.033	7.3		8.9	9.2	100		0.00	4		15.32	14.79	10.90
22.0	1306	6.0			-.058	6.1		8.5	8.9	97		0.01	5		15.60	14.77	11.12
22.0	1306	7.0			-.089	4.6		8.4	8.8	96		0.00	4		17.46	14.49	12.59
22.0	1306	8.0			-.100	4.1		8.3	8.7	95		0.03	5		17.99	14.38	13.02
22.0	1306	9.0			-.113	3.4		7.9	8.3	91		0.01	5		18.98	14.23	13.80
22.0	1306	10.0			-.140	2.2		7.6	8.0	89		0.01	5		22.32	13.76	16.46
22.0	1306	11.0			-.165	1.0		7.3	7.8	87		0.04	6		25.07	13.43	18.64
22.0	1306	12.0			-.178	0.3		7.2	7.6	86		0.04	6		26.86	13.18	20.07
22.0	1306	13.0			-.183	0.1		7.2	7.6	86		0.05	6		27.40	13.12	20.49
22.0	1306	14.0			-.180	0.2		7.1	7.6	86		0.08	8		27.60	13.09	20.65
22.0	1306	15.0			-.173	0.5		7.1	7.6	86		0.09	9		27.73	13.07	20.76
22.0	1306	16.0			-.170	0.7		7.1	7.5	85		0.07	7		27.85	13.07	20.85
22.0	1306	17.0			-.170	0.7		7.1	7.5	85		0.06	7		28.05	13.03	21.01
22.0	1306	18.0			-.165	0.9		7.1	7.5	85		0.09	9		28.36	12.99	21.26
22.0	1306	19.0			-.164	1.0		7.1	7.5	86		0.16	12		28.54	12.97	21.40

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	CALC % OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	1318	1.0			0.200	18.5		10.0	10.2		0.00	4		12.54	15.68	8.61
21.0	1318	2.0	19.3	0.83	0.197	18.3	9.6	10.0	10.2	4.2	0.00	4	0.8	12.54	15.69	8.61
21.0	1318	3.0			0.198	18.4		10.0	10.2		0.00	4		12.54	15.69	8.60
21.0	1318	4.0			0.191	18.1		9.8	10.0		0.00	4		12.54	15.69	8.60
21.0	1318	5.0			0.116	14.4		9.1	9.4		0.00	4		13.28	15.50	9.21
21.0	1318	6.0			0.012	9.4		8.7	9.1		0.00	4		15.47	14.96	10.98
21.0	1318	7.0			-.046	6.7		8.7	9.0		0.02	5		16.33	14.70	11.69
21.0	1318	8.0			-.071	5.5		8.6	8.9		0.00	4		16.91	14.60	12.15
21.0	1318	9.0			-.086	4.7		8.3	8.6		0.01	5		17.71	14.45	12.79
21.0	1318	10.0			-.108	3.7		7.7	8.1		0.02	5		20.22	14.09	14.78
21.0	1318	11.0			-.129	2.7		7.4	7.9		0.04	6		23.84	13.57	17.67
21.0	1318	12.0			-.140	2.1		7.3	7.8		0.03	6		25.73	13.34	19.16
21.0	1318	13.0			-.145	1.9		7.3	7.7		0.04	6		26.39	13.26	19.68
21.0	1318	14.0			-.149	1.7		7.2	7.7		0.06	7		26.72	13.21	19.95
21.0	1318	15.0			-.149	1.7		7.2	7.7		0.05	7		27.06	13.16	20.22
21.0	1318	16.0			-.141	2.1		7.2	7.6		0.08	8		27.33	13.12	20.43
21.0	1318	17.0	2.2	0.60	-.139	2.2		7.2	7.7		0.11	10		27.33	13.13	20.44

CHL Absorption Meter Calibration: 12 0.928 48.065 8.859 1.630
 OBS Calibration: 5 0.999 49.209 4.096 0.348
 Dissolved Oxygen Calibration: 5 0.726 0.919 1.046 0.832

SeaBird v4.026

South San Francisco Bay

11 April 1995

95101

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1010	1.0			0.395	23.6	7.4	7.4	7.9	83		0.57	26		10.42	14.79	7.14
36.0	1010	2.0	20.7	0.82	0.407	24.0	7.5	7.5	8.0	85	25.9	0.58	26		10.51	14.87	7.20
36.0	1010	3.0			0.458	25.9	7.5	7.5	8.1	86		0.57	26		10.61	15.01	7.25
36.0	1010	4.0			0.497	27.4	7.5	7.5	8.1	86		0.51	24		10.75	15.07	7.34
36.0	1010	5.0			0.508	27.8	7.5	7.5	8.0	86		0.49	23		10.79	15.09	7.38
36.0	1010	6.0	24.0	0.79	0.506	27.7	7.5	7.5	8.0	85		0.50	23		10.80	15.09	7.38
35.0	1022	1.0			0.421	24.6	7.7	7.7	8.3	89		0.31	16		10.80	15.28	7.35
35.0	1022	2.0			0.356	22.2	7.5	7.5	8.1	86		0.35	18		10.88	15.11	7.44
35.0	1022	3.0			0.317	20.7	7.5	7.5	8.0	85		0.39	19		11.09	15.10	7.60
35.0	1022	4.0			0.287	19.6	7.4	7.4	8.0	85		0.40	20		11.12	15.10	7.62
35.0	1022	5.0			0.267	18.9	7.4	7.4	7.9	84		0.44	21		11.18	15.09	7.67
35.0	1022	6.0			0.262	18.7	7.4	7.4	7.9	85		0.48	23		11.24	15.08	7.72
35.0	1022	7.0			0.261	18.7	7.3	7.3	7.9	84		0.50	23		11.31	15.08	7.78
35.0	1022	8.0			0.260	18.7	7.3	7.3	7.8	84		0.57	26		11.34	15.07	7.80
35.0	1022	9.0			0.266	18.9	7.3	7.3	7.8	84		0.67	29		11.36	15.06	7.81
35.0	1022	10.0			0.269	19.0	7.3	7.3	7.8	84		0.80	34		11.40	15.06	7.85
34.0	1034	1.0			0.426	24.7	8.1	8.1	8.8	94		0.26	15	2.1	10.72	15.48	7.25
34.0	1034	2.0			0.353	22.1	7.8	7.8	8.4	90		0.27	15		10.95	15.22	7.47
34.0	1034	3.0			0.261	18.7	7.6	7.6	8.2	88		0.27	15		11.15	15.18	7.63
34.0	1034	4.0			0.207	16.7	7.5	7.5	8.1	86		0.27	15		11.53	15.13	7.93
34.0	1034	5.0			0.183	15.8	7.4	7.4	7.9	84		0.31	16		11.73	15.08	8.09
34.0	1034	6.0			0.175	15.5	7.3	7.3	7.8	83		0.31	17		11.86	15.03	8.20
34.0	1034	7.0			0.170	15.4	7.2	7.2	7.7	82		0.37	18		12.13	14.97	8.42
34.0	1034	8.0			0.166	15.2	7.1	7.1	7.5	81		0.47	22		12.26	14.95	8.53
34.0	1034	9.0			0.165	15.1	7.2	7.2	7.7	82		0.57	26		12.37	14.91	8.61
33.0	1110	1.0			0.297	20.0	8.3	8.3	9.1	97		0.11	9	1.5	11.10	15.30	7.57
33.0	1110	2.0			0.288	19.7	8.1	8.1	8.8	94		0.12	10		11.14	15.25	7.61
33.0	1110	3.0			0.194	16.2	7.9	7.9	8.6	91		0.12	10		11.51	15.05	7.93
33.0	1110	4.0			0.122	13.6	7.7	7.7	8.3	89		0.11	9		12.12	14.99	8.41
33.0	1110	5.0			0.088	12.3	7.6	7.6	8.1	87		0.11	9		12.77	14.92	8.92
33.0	1110	6.0			0.062	11.4	7.4	7.4	7.9	85		0.16	11		12.95	14.89	9.06
33.0	1110	7.0			0.054	11.1	7.2	7.2	7.7	83		0.17	11		13.41	14.83	9.42
33.0	1110	8.0			0.059	11.3	6.9	6.9	7.4	79		0.19	12		13.76	14.79	9.70
33.0	1110	9.0			0.079	12.0	6.5	6.5	6.8	74		0.28	15		15.00	14.64	10.68
33.0	1110	10.0			0.104	12.9	6.2	6.2	6.5	70		0.57	26		16.05	14.52	11.50
33.0	1110	11.0			0.125	13.7	6.0	6.0	6.2	67		0.91	38		16.35	14.48	11.74
33.0	1110	12.0			0.144	14.4	6.0	6.0	6.2	67		1.09	44		16.37	14.48	11.76
33.0	1110	13.0			0.147	14.5	6.0	6.0	6.2	67		1.20	48		16.39	14.47	11.77
33.0	1110	14.0			0.142	14.3	6.1	6.1	6.3	68		1.18	48		16.40	14.47	11.78

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	1121	1.0			0.401	23.8		8.5	9.3	99		0.13	10	1.5	11.10	15.20	7.59
32.0	1121	2.0	26.2	0.79	0.351	22.0	9.1	8.3	9.1	97	10.2	0.11	9		11.20	15.16	7.67
32.0	1121	3.0			0.274	19.2		8.1	8.8	94		0.10	9		11.38	15.10	7.82
32.0	1121	4.0			0.198	16.4		8.1	8.8	93		0.09	9		11.60	15.00	8.01
32.0	1121	5.0			0.151	14.7		8.1	8.9	94		0.06	8		11.90	14.88	8.26
32.0	1121	6.0			0.119	13.5		8.0	8.6	93		0.04	7		12.31	14.89	8.57
32.0	1121	7.0			0.096	12.6		7.7	8.3	89		0.05	7		12.81	14.87	8.96
32.0	1121	8.0			0.079	12.0		7.3	7.8	84		0.16	11		13.68	14.77	9.64
32.0	1121	9.0			0.091	12.4		6.8	7.2	78		0.33	17		15.31	14.61	10.92
32.0	1121	10.0			0.136	14.1		6.4	6.7	73		0.82	35		15.91	14.53	11.39
32.0	1121	11.0			0.165	15.1		6.1	6.3	69		1.34	53		16.70	14.43	12.02
32.0	1121	12.0			0.159	14.9		6.0	6.2	67		1.24	50		17.22	14.37	12.43
32.0	1121	13.0			0.141	14.3		6.0	6.2	67		1.19	48		17.65	14.32	12.77
32.0	1121	14.0	13.8	0.66	0.142	14.3		6.1	6.4	70		2.16	82		18.00	14.29	13.04
31.0	1135	2.0			0.425	24.7		8.6	9.5	101		0.18	12	1.8	11.06	15.31	7.54
31.0	1135	3.0			0.408	24.1		8.6	9.4	101		0.18	12		11.12	15.26	7.59
31.0	1135	4.0			0.349	21.9		8.5	9.3	100		0.17	12		11.39	15.26	7.80
31.0	1135	5.0			0.250	18.3		8.5	9.3	99		0.14	11		11.64	15.02	8.04
31.0	1135	6.0			0.172	15.4		8.3	9.0	96		0.07	8		11.79	14.95	8.16
31.0	1135	7.0			0.120	13.5		8.0	8.7	93		0.07	8		12.35	14.92	8.60
31.0	1135	8.0			0.073	11.8		7.4	7.9	86		0.06	8		14.04	14.79	9.91
31.0	1135	9.0			0.051	11.0		6.9	7.3	79		0.10	9		15.99	14.54	11.45
31.0	1135	10.0			0.064	11.5		6.4	6.7	73		0.23	14		17.37	14.37	12.55
31.0	1135	11.0			0.095	12.6		6.2	6.4	70		0.48	23		17.72	14.32	12.82
31.0	1135	12.0			0.121	13.6		6.0	6.2	68		0.74	32		18.10	14.27	13.12
31.0	1135	13.0			0.122	13.6		5.9	6.1	67		0.92	38		18.42	14.24	13.38
31.0	1135	14.0			0.117	13.4		6.1	6.3	69		0.99	41		18.51	14.23	13.44
30.0	1154	1.0			0.506	27.7		9.8	10.9	117		0.06	8	1.5	11.82	15.34	8.12
30.0	1154	2.0	28.5	0.85	0.494	27.2	10.4	9.7	10.8	117	9.0	0.03	6		11.82	15.33	8.12
30.0	1154	3.0			0.492	27.2		9.7	10.8	116		0.02	6		11.81	15.30	8.12
30.0	1154	4.0			0.434	25.1		9.4	10.4	112		0.02	6		11.83	15.24	8.15
30.0	1154	5.0			0.319	20.8		9.2	10.1	108		0.02	6		11.87	15.04	8.21
30.0	1154	6.0			0.204	16.6		8.8	9.7	104		0.01	6		11.95	14.98	8.28
30.0	1154	7.0			0.111	13.2		8.6	9.5	101		0.02	6		12.55	14.91	8.75
30.0	1154	8.0			0.051	11.0		8.4	9.2	99		0.03	6		13.05	14.96	9.12
30.0	1154	9.0			0.013	9.6		8.2	8.9	96		0.04	7		13.58	14.94	9.54
30.0	1154	10.0			-0.008	8.8		7.7	8.3	90		0.05	7		14.42	14.84	10.19
30.0	1154	11.0			-0.027	8.1		7.2	7.6	83		0.05	7		16.32	14.59	11.69
30.0	1154	12.0			-0.027	8.1		6.7	7.0	77		0.08	8		18.20	14.31	13.19
30.0	1154	13.0	9.6	0.70	-0.020	8.3		6.6	7.0	77		0.37	19		19.38	14.15	14.12

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1208	1.0			0.337	21.5		9.1	10.0	108		0.11	9	1.4	11.66	15.56	7.96
29.5	1208	2.0			0.326	21.1		9.0	10.0	107		0.10	9		12.03	15.17	8.31
29.5	1208	3.0			0.307	20.4		9.0	9.9	106		0.07	8		12.09	15.15	8.36
29.5	1208	4.0			0.312	20.6		9.1	10.1	108		0.06	8		12.10	15.18	8.36
29.5	1208	5.0			0.305	20.3		9.1	10.1	108		0.06	8		12.12	15.25	8.37
29.5	1208	6.0			0.216	17.0		8.8	9.6	104		0.06	8		12.39	15.17	8.59
29.5	1208	7.0			0.084	12.2		8.4	9.1	98		0.04	7		13.13	14.94	9.19
29.5	1208	8.0			-.007	8.8		8.2	9.0	96		0.05	7		13.58	14.80	9.56
29.5	1208	9.0			-.077	6.3		7.8	8.5	92		0.04	7		15.26	14.68	10.87
29.5	1208	10.0			-.104	5.3		7.4	7.9	86		0.04	7		16.07	14.65	11.50
29.5	1208	11.0			-.102	5.4		7.0	7.4	81		0.04	7		17.31	14.48	12.48
29.5	1208	12.0			-.072	6.5		6.7	7.0	77		0.08	8		17.86	14.39	12.91
29.5	1208	13.0			-.018	8.4		6.3	6.6	73		0.11	9		18.87	14.22	13.72
29.5	1208	14.0			-.018	8.4		6.5	6.8	75		0.41	20		19.58	14.13	14.28
29.0	1229	1.0			0.327	21.1		9.8	10.9	119		0.08	8	1.3	12.33	15.59	8.46
29.0	1229	2.0			0.361	22.4		10.0	11.1	120		0.07	8		12.43	15.39	8.58
29.0	1229	3.0			0.374	22.9		9.9	11.0	119		0.04	7		12.52	15.45	8.64
29.0	1229	4.0			0.351	22.0		9.6	10.6	115		0.04	7		12.53	15.38	8.66
29.0	1229	5.0			0.245	18.1		9.0	9.9	107		0.03	7		12.55	15.18	8.71
29.0	1229	6.0			0.125	13.7		8.6	9.5	102		0.04	7		13.41	14.84	9.42
29.0	1229	7.0			0.057	11.2		8.6	9.5	102		0.04	7		13.59	14.71	9.59
29.0	1229	8.0			0.019	9.8		8.4	9.2	99		0.04	7		14.06	14.66	9.95
29.0	1229	9.0			-.006	8.9		8.1	8.9	96		0.04	7		15.04	14.60	10.72
29.0	1229	10.0			-.010	8.7		7.7	8.3	91		0.05	7		15.83	14.58	11.32
29.0	1229	11.0			-.009	8.8		7.3	7.8	85		0.09	9		16.41	14.57	11.77
29.0	1229	12.0			-.011	8.7		6.7	7.1	78		0.14	10		18.28	14.30	13.26
29.0	1229	13.0			-.001	9.1		6.5	6.8	75		0.28	15		19.48	14.16	14.20
29.0	1229	14.0			0.003	9.2		6.8	7.2	79		0.47	22		19.61	14.14	14.31
28.5	1238	1.0			0.349	21.9		9.8	10.9	119		0.02	6	1.2	12.76	15.44	8.82
28.5	1238	2.0			0.394	23.6		9.9	11.0	120		0.02	6		12.77	15.44	8.82
28.5	1238	3.0			0.409	24.1		9.7	10.8	117		0.02	6		12.74	15.44	8.80
28.5	1238	4.0			0.330	21.2		9.3	10.3	111		0.02	6		12.94	15.22	9.00
28.5	1238	5.0			0.198	16.4		8.8	9.7	105		0.02	6		13.25	14.90	9.29
28.5	1238	6.0			0.115	13.3		8.7	9.5	103		0.02	6		13.45	14.77	9.46
28.5	1238	7.0			0.068	11.6		8.6	9.4	101		0.04	7		13.66	14.73	9.64
28.5	1238	8.0			0.025	10.0		8.2	8.9	96		0.05	7		14.47	14.72	10.26
28.5	1238	9.0			-.007	8.8		7.7	8.3	90		0.06	8		16.20	14.55	11.61
28.5	1238	10.0			-.013	8.6		7.3	7.8	85		0.07	8		17.02	14.48	12.26
28.5	1238	11.0			0.001	9.1		6.8	7.2	79		0.13	10		17.92	14.37	12.96
28.5	1238	12.0			0.019	9.8		6.5	6.9	76		0.28	16		18.95	14.23	13.78
28.5	1238	13.0			0.041	10.6		6.3	6.6	73		0.40	20		19.35	14.18	14.10

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
28.5	1238	14.0			0.055	11.1		6.3	6.5	72		0.59	26		19.51	14.16	14.23
28.5	1238	15.0			0.058	11.2		6.2	6.5	71		0.54	25		19.55	14.15	14.26
28.5	1238	16.0			0.059	11.3		6.4	6.7	74		0.89	37		19.63	14.14	14.32
28.0	1250	1.0			0.194	16.2		9.4	10.4	113		0.02	6	1.1	13.39	15.27	9.33
28.0	1250	2.0			0.221	17.2		9.4	10.4	113		0.04	7		13.39	15.27	9.33
28.0	1250	3.0			0.262	18.7		9.4	10.4	113		0.04	7		13.38	15.27	9.33
28.0	1250	4.0			0.287	19.6		9.4	10.4	113		0.03	7		13.38	15.28	9.32
28.0	1250	5.0			0.270	19.0		9.0	9.9	108		0.04	7		13.38	15.23	9.33
28.0	1250	6.0			0.177	15.6		8.7	9.5	102		0.03	7		13.58	14.86	9.55
28.0	1250	7.0			0.080	12.0		8.6	9.4	101		0.03	7		13.82	14.61	9.78
28.0	1250	8.0			0.032	10.3		8.6	9.4	101		0.04	7		14.08	14.58	9.98
28.0	1250	9.0			0.015	9.6		8.5	9.3	100		0.04	7		14.14	14.65	10.02
28.0	1250	10.0			-0.000	9.1		8.1	8.8	95		0.03	7		14.43	14.68	10.23
28.0	1250	11.0			-0.021	8.3		7.4	8.0	87		0.04	7		16.63	14.51	11.95
28.0	1250	12.0			-0.014	8.6		6.7	7.1	78		0.08	8		18.22	14.33	13.20
28.0	1250	13.0			0.020	9.8		6.5	6.9	75		0.54	25		19.20	14.20	13.98
28.0	1250	14.0			0.022	9.9		6.5	6.9	76		0.74	32		19.28	14.19	14.04
27.0	1304	1.0			0.239	17.9		9.2	10.2	110		0.04	7	1.1	13.50	15.17	9.43
27.0	1304	2.0			0.237	17.8	10.1	9.0	10.0	108	7.8	0.04	7		13.51	15.14	9.44
27.0	1304	3.0	17.5	0.77	0.210	16.8		8.8	9.7	104		0.04	7		13.59	14.90	9.55
27.0	1304	4.0			0.141	14.3		8.7	9.5	102		0.04	7		13.81	14.49	9.80
27.0	1304	5.0			0.064	11.5		8.6	9.4	101		0.05	7		13.97	14.55	9.91
27.0	1304	6.0			0.008	9.4		8.1	8.8	95		0.05	7		14.74	14.67	10.47
27.0	1304	7.0			-0.026	8.1		7.4	7.9	86		0.04	7		16.89	14.52	12.15
27.0	1304	8.0			-0.037	7.7		6.9	7.3	80		0.03	7		18.35	14.33	13.31
27.0	1304	9.0			-0.031	8.0		6.6	7.0	77		0.05	7		18.83	14.26	13.69
27.0	1304	10.0			-0.017	8.5		6.5	6.8	74		0.10	9		19.12	14.22	13.91
27.0	1304	11.0	6.3	0.69	-0.017	8.5		6.4	6.7	74		0.16	11		19.16	14.21	13.95
26.0	1317	1.0			0.123	13.6		9.2	10.1	110		0.02	6	0.9	13.75	15.42	9.58
26.0	1317	2.0			0.131	13.9		9.2	10.2	111		0.02	6		13.75	15.42	9.58
26.0	1317	3.0			0.145	14.4		8.8	9.7	106		0.01	6		13.76	15.40	9.59
26.0	1317	4.0			0.080	12.0		8.5	9.3	100		0.01	6		14.05	14.91	9.90
26.0	1317	5.0			-0.028	8.1		7.7	8.3	91		0.01	6		16.26	14.49	11.67
26.0	1317	6.0			-0.092	5.7		7.0	7.5	82		0.02	6		18.77	14.26	13.64
26.0	1317	7.0			-0.112	5.0		6.8	7.2	79		0.03	7		19.18	14.20	13.97
26.0	1317	8.0			0.351	22.0		6.7	7.1	78		0.06	8		19.67	14.14	14.35
26.0	1317	9.0			0.508	27.8		6.8	7.2	80		0.17	11		19.89	14.13	14.52
25.0	1333	1.0			0.098	12.7		9.0	9.9	108		0.01	6	0.9	14.01	15.15	9.82
25.0	1333	2.0			0.090	12.4		8.8	9.7	105		0.01	6		14.02	15.13	9.84

South San Francisco Bay

11 April 1995

95101

STN	TIME	DEPTH	DISCR CHL a	CHL a/PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
25.0	1333	3.0			0.026	10.1		8.5	9.3	101		0.01	6		14.31	14.82	10.11
25.0	1333	4.0			-.049	7.3		8.1	8.8	96		0.01	6		14.57	14.69	10.34
25.0	1333	5.0			-.097	5.5		7.6	8.1	89		0.01	6		16.30	14.53	11.70
25.0	1333	6.0			-.126	4.5		7.0	7.4	81		0.01	6		18.38	14.31	13.33
25.0	1333	7.0			-.168	2.9		7.0	7.4	82		0.05	7		20.50	14.03	15.01
25.0	1333	8.0			-.176	2.6		7.3	7.8	87		0.09	9		21.42	13.94	15.73
24.0	1350	1.0			0.093	12.5		9.9	11.1	121		0.00	6	0.9	14.11	15.58	9.82
24.0	1350	2.0	12.5	0.72	0.101	12.8	10.8	9.7	10.7	118	2.7	0.00	6		14.13	15.49	9.86
24.0	1350	3.0			0.120	13.5		9.6	10.7	116		0.01	6		14.18	15.15	9.95
24.0	1350	4.0			0.078	12.0		8.9	9.8	106		0.01	6		14.21	14.99	10.01
24.0	1350	5.0			-.018	8.4		7.8	8.4	92		0.03	7		17.38	14.36	12.56
24.0	1350	6.0			-.092	5.7		7.2	7.7	86		0.04	7		21.14	13.95	15.51
24.0	1350	7.0			-.124	4.5		7.1	7.6	84		0.05	7		21.61	13.89	15.89
24.0	1350	8.0			-.135	4.1		7.0	7.5	83		0.07	8		21.85	13.86	16.08
24.0	1350	9.0			-.135	4.1		7.1	7.5	83		0.07	8		21.91	13.85	16.13
24.0	1350	10.0	3.0	0.65	-.133	4.2		7.2	7.7	86		0.08	8		21.93	13.85	16.14
23.0	1404	1.0			0.082	12.1		10.2	11.4	125		0.02	6	0.9	14.11	15.33	9.87
23.0	1404	2.0			0.068	11.6		10.0	11.2	123		0.01	6		14.11	15.43	9.85
23.0	1404	3.0			0.080	12.0		9.9	11.1	121		0.00	6		14.11	15.35	9.87
23.0	1404	4.0			0.082	12.1		9.9	11.1	121		0.01	6		14.11	15.21	9.90
23.0	1404	5.0			0.078	11.9		9.8	11.0	119		0.00	6		14.13	15.11	9.93
23.0	1404	6.0			0.073	11.8		9.7	10.8	118		0.00	6		14.13	15.05	9.94
23.0	1404	7.0			0.061	11.3		9.6	10.7	116		0.00	6		14.13	14.95	9.96
23.0	1404	8.0			0.031	10.2		9.5	10.5	114		0.00	6		14.16	14.80	10.00
23.0	1404	9.0			-.016	8.5		9.1	10.0	108		0.00	6		14.28	14.64	10.13
23.0	1404	10.0			-.067	6.6		8.2	9.0	97		0.01	6		15.80	14.57	11.30
23.0	1404	11.0			-.100	5.4		7.7	8.4	92		0.01	6		19.18	14.12	13.98
23.0	1404	12.0			-.104	5.3		7.4	7.9	87		0.17	11		21.82	13.82	16.07
23.0	1404	13.0			-.095	5.6		7.2	7.7	86		0.34	18		22.37	13.77	16.49
23.0	1404	14.0			-.094	5.6		7.3	7.8	87		0.38	19		22.39	13.77	16.51
22.0	1421	1.0			-.076	6.3		8.7	9.6	105		0.02	6	0.7	15.06	15.16	10.63
22.0	1421	2.0			-.073	6.4		8.5	9.3	101		0.00	6		15.82	14.57	11.32
22.0	1421	3.0			-.090	5.8		8.3	9.0	98		0.00	6		16.36	14.48	11.75
22.0	1421	4.0			-.091	5.8		8.1	8.8	96		0.01	6		16.71	14.42	12.02
22.0	1421	5.0			-.095	5.6		7.9	8.6	93		0.00	6		17.55	14.33	12.69
22.0	1421	6.0			-.105	5.3		7.6	8.2	89		0.02	6		19.08	14.13	13.90
22.0	1421	7.0			-.120	4.7		7.3	7.8	86		0.03	7		19.95	13.99	14.59
22.0	1421	8.0			-.124	4.5		7.2	7.6	84		0.03	6		21.21	13.86	15.58
22.0	1421	9.0			-.121	4.6		7.1	7.5	83		0.04	7		22.14	13.76	16.32
22.0	1421	10.0			-.121	4.6		6.9	7.4	82		0.06	8		22.17	13.76	16.34

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	1421	11.0			-.119	4.7		6.8	7.3	81		0.08	8		22.63	13.71	16.70
22.0	1421	12.0			-.112	5.0		6.7	7.1	79		0.09	9		23.59	13.58	17.47
22.0	1421	13.0			-.109	5.1		6.7	7.1	79		0.13	10		24.20	13.49	17.96
22.0	1421	14.0			-.111	5.0		6.7	7.0	79		0.18	12		24.66	13.42	18.32
22.0	1421	15.0			-.116	4.8		6.7	7.0	79		0.19	12		24.93	13.38	18.54
22.0	1421	16.0			-.116	4.8		6.7	7.0	79		0.17	12		25.33	13.32	18.85
21.0	1433	1.0		0.83	0.190	16.1		9.5	10.6	116		0.00	6	0.7	14.85	15.30	10.44
21.0	1433	2.0	20.6		0.139	14.2	10.7	9.3	10.3	113	4.9	0.02	6		15.56	15.01	11.04
21.0	1433	3.0			0.102	12.9		9.0	10.0	109		0.01	6		15.81	14.99	11.23
21.0	1433	4.0			0.060	11.3		8.7	9.5	104		0.01	6		16.00	14.85	11.40
21.0	1433	5.0			-.009	8.8		8.3	9.0	99		0.00	6		16.94	14.57	12.18
21.0	1433	6.0			-.066	6.7		7.8	8.4	93		0.02	6		18.61	14.24	13.52
21.0	1433	7.0			-.084	6.0		7.5	8.0	88		0.07	8		19.52	14.16	14.23
21.0	1433	8.0			-.093	5.7		7.3	7.8	86		0.09	9		20.85	13.99	15.29
21.0	1433	9.0			-.099	5.4		7.1	7.6	84		0.12	10		21.81	13.86	16.04
21.0	1433	10.0			-.104	5.3		7.1	7.5	84		0.12	10		22.27	13.78	16.42
21.0	1433	11.0			-.110	5.0		6.9	7.3	82		0.14	10		22.76	13.70	16.80
21.0	1433	12.0			-.114	4.9		6.8	7.2	80		0.15	11		23.31	13.60	17.25
21.0	1433	13.0			-.113	4.9		6.7	7.1	79		0.16	11		24.33	13.45	18.07
21.0	1433	14.0			-.116	4.8		6.7	7.1	79		0.15	11		25.05	13.34	18.64
21.0	1433	15.0			-.121	4.7		6.6	7.0	79		0.12	10		25.86	13.23	19.28
21.0	1433	16.0			-.123	4.6		6.6	7.0	78		0.10	9		26.21	13.20	19.56
21.0	1433	17.0			-.124	4.5		6.7	7.0	79		0.10	9		26.24	13.19	19.58
21.0	1433	18.0	2.9	0.65	-.123	4.6		6.6	7.0	78		0.10	9		26.26	13.20	19.59

..... Slope Inter. Std. Err.

CHL Absorption Meter Calibration:
 OBS Calibration: 36.763 9.095 3.103
 Dissolved Oxygen Calibration: 35.521 5.513 2.138
 1.242 -1.256 0.300

SeaBird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1523	1.0	20.2	0.52	0.469	18.2	7.5	7.5	7.7	78	262.4	3.79	240	21.3	10.89	13.01	7.79
36.0	1523	2.0			0.473	18.3		7.5	7.7	79		4.15	262		11.00	12.95	7.88
36.0	1523	3.0			0.517	19.0	7.5	7.5	7.7	79		4.54	287		11.12	12.94	7.97
36.0	1523	4.0			0.579	20.0		7.4	7.8	80		6.13	386		11.32	12.94	8.13
36.0	1523	5.0			0.626	20.8		7.4	7.8	80		7.14	449		11.35	12.94	8.15
36.0	1523	6.0			0.695	22.0		7.4	7.8	80		8.64	542		11.36	12.94	8.16
36.0	1523	7.0			1.113	29.1		7.4	7.8	80		9.74	610		11.37	12.90	8.18
36.0	1523	8.0	27.4	0.28	1.224	30.9		7.5	7.7	79		10.23	641		11.35	12.78	8.18
35.0	1513	1.0			0.458	18.0		7.4	7.9	80		3.78	239		11.53	13.09	8.27
35.0	1513	2.0			0.465	18.1		7.4	7.9	80		3.91	248		11.62	13.00	8.35
35.0	1513	3.0			0.514	18.9		7.3	8.0	81		4.92	311		11.72	12.92	8.44
35.0	1513	4.0			0.579	20.0		7.3	8.0	81		6.16	388		11.78	12.87	8.49
35.0	1513	5.0			0.735	22.7		7.3	8.0	81		9.24	579		11.83	12.84	8.54
35.0	1513	6.0			0.836	24.4		7.3	8.0	82		9.98	625		11.82	12.84	8.53
35.0	1513	7.0			0.882	25.2		7.3	8.0	81		10.00	626		11.81	12.83	8.53
35.0	1513	8.0			0.914	25.7		7.3	8.0	82		10.00	626		11.80	12.83	8.52
34.0	1503	1.0			0.245	14.4		7.6	7.4	77		1.49	97	5.5	12.01	13.30	8.60
34.0	1503	2.0			0.247	14.4		7.4	7.8	80		1.37	90		11.82	13.46	8.44
34.0	1503	3.0			0.280	15.0		7.4	7.9	81		1.36	88		12.20	13.17	8.77
34.0	1503	4.0			0.372	16.5		7.3	8.0	82		2.13	137		12.46	12.99	9.00
34.0	1503	5.0			0.542	19.4		7.3	8.0	82		5.03	317		12.54	12.91	9.07
34.0	1503	6.0			0.920	25.8		7.3	8.0	82		9.74	610		12.51	12.88	9.06
34.0	1503	7.0			1.485	35.3		7.3	8.0	82		10.01	627		12.44	12.86	9.01
34.0	1503	8.0			1.493	35.5		7.3	8.0	82		10.00	626		12.33	12.85	8.92
33.0	1452	1.0			0.171	13.2		7.7	7.3	77		0.55	38		12.71	14.03	9.03
33.0	1452	2.0			0.166	13.1		7.6	7.5	79		0.56	39		12.74	13.82	9.08
33.0	1452	3.0			0.152	12.8		7.4	7.9	82		0.61	42		12.79	13.62	9.15
33.0	1452	4.0			0.130	12.5		7.3	8.0	83		0.69	47		12.91	13.28	9.30
33.0	1452	5.0			0.116	12.2		7.4	7.8	81		0.75	51		12.98	13.06	9.39
33.0	1452	6.0			0.105	12.1		7.4	7.9	82		0.79	53		13.09	13.10	9.47
33.0	1452	7.0			0.088	11.8		7.4	7.8	80		0.84	56		13.21	13.10	9.56
33.0	1452	8.0			0.086	11.7		7.4	7.8	81		0.89	60		13.42	13.10	9.72
33.0	1452	9.0			0.112	12.2		7.4	7.8	81		1.10	73		13.49	13.11	9.78
33.0	1452	10.0			0.151	12.8		7.3	7.9	82		1.68	109		13.49	13.10	9.78
33.0	1452	11.0			0.178	13.3		7.4	7.9	82		2.26	145		13.50	13.10	9.78
33.0	1452	12.0			0.240	14.3		7.4	7.9	82		2.71	173		13.50	13.09	9.79
33.0	1452	13.0			0.256	14.6		7.3	7.9	82		4.38	277		13.50	13.09	9.79
32.0	1437	1.0			0.149	12.8		7.7	7.3	77		0.57	40		12.97	14.03	9.22
32.0	1437	2.0	17.3	0.70	0.149	12.8	6.6	7.6	7.5	78	39.3	0.56	39		12.97	13.96	9.23

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	1437	3.0			0.145	12.7		7.4	7.9	83		0.58	40		12.97	13.84	9.26
32.0	1437	4.0			0.121	12.3		7.3	8.0	83		0.65	44		13.10	13.42	9.42
32.0	1437	5.0			0.099	11.9		7.4	7.9	82		0.75	51		13.29	13.15	9.61
32.0	1437	6.0			0.108	12.1		7.3	7.9	82		0.85	57		13.42	13.15	9.71
32.0	1437	7.0			0.142	12.7		7.3	8.0	83		1.43	93		13.52	13.15	9.79
32.0	1437	8.0			0.194	13.5		7.3	8.0	83		2.45	157		13.63	13.14	9.88
32.0	1437	9.0			0.227	14.1		7.3	8.1	84		3.14	200		13.70	13.14	9.94
32.0	1437	10.0			0.313	15.5		7.3	8.1	84		4.49	284		13.82	13.11	10.03
32.0	1437	11.0			0.477	18.3		7.2	8.1	84		7.96	499		13.82	13.09	10.03
32.0	1437	12.0	24.4	0.29	0.477	18.3		7.3	8.0	83		9.83	616		13.79	13.08	10.01
31.0	1423	1.0			0.127	12.4		7.4	7.8	82		0.66	45		13.51	13.58	9.72
31.0	1423	2.0			0.126	12.4		7.3	7.9	83		0.66	45		13.52	13.53	9.73
31.0	1423	3.0			0.119	12.3		7.2	8.1	85		0.66	45		13.55	13.47	9.76
31.0	1423	4.0			0.133	12.5		7.3	8.1	84		0.68	46		13.82	13.25	10.01
31.0	1423	5.0			0.191	13.5		7.2	8.1	85		1.38	90		13.98	13.22	10.14
31.0	1423	6.0			0.262	14.7		7.2	8.1	84		2.46	157		13.99	13.21	10.15
31.0	1423	7.0			0.302	15.4		7.2	8.2	85		3.38	215		14.00	13.20	10.15
31.0	1423	8.0			0.333	15.9		7.2	8.2	85		3.54	224		14.00	13.20	10.15
31.0	1423	9.0			0.371	16.5		7.2	8.2	85		3.94	249		13.99	13.19	10.15
31.0	1423	10.0			0.399	17.0		7.2	8.2	85		4.79	302		13.99	13.17	10.15
31.0	1423	11.0			0.414	17.3		7.2	8.2	85		4.98	314		13.98	13.17	10.15
31.0	1423	12.0			0.436	17.6		7.2	8.2	85		5.16	325		13.98	13.17	10.15
31.0	1423	13.0			0.441	17.7		7.2	8.2	85		5.46	344		13.99	13.16	10.15
30.0	1406	1.0			0.095	11.9		7.4	7.8	83		0.59	41	3.2	13.97	13.87	10.02
30.0	1406	2.0	12.9	0.66	0.096	11.9	7.7	7.3	8.0	85	37.6	0.58	40		13.98	13.83	10.04
30.0	1406	3.0			0.088	11.8		7.2	8.2	86		0.60	41		14.15	13.64	10.19
30.0	1406	4.0			0.073	11.5		7.1	8.2	87		0.67	46		14.51	13.48	10.50
30.0	1406	5.0			0.060	11.3		7.2	8.2	86		0.65	45		14.74	13.49	10.68
30.0	1406	6.0			0.092	11.8		7.1	8.2	87		1.61	105		15.03	13.47	10.90
30.0	1406	7.0			0.161	13.0		7.2	8.2	87		2.77	177		15.07	13.43	10.94
30.0	1406	8.0			0.233	14.2		7.1	8.3	87		3.73	236		15.08	13.41	10.95
30.0	1406	9.0			0.283	15.1		7.2	8.2	87		4.13	261		15.10	13.42	10.96
30.0	1406	10.0			0.320	15.7		7.1	8.3	87		4.36	275		15.11	13.44	10.97
30.0	1406	11.0			0.355	16.3		7.1	8.3	87		4.72	298		15.13	13.44	10.99
30.0	1406	12.0			0.382	16.7		7.1	8.4	88		5.04	318		15.14	13.45	10.99
30.0	1406	13.0	15.4	0.35	0.385	16.8		7.1	8.3	88		5.23	330		15.15	13.45	10.99
29.5	1354	1.0			0.048	11.1		7.3	7.9	84		0.40	29	2.5	14.72	13.86	10.59
29.5	1354	2.0	12.1	0.67	0.049	11.1		7.4	7.9	84		0.39	28		14.72	13.85	10.60
29.5	1354	3.0			0.047	11.1		7.3	8.0	85		0.38	28		14.74	13.82	10.62
29.5	1354	4.0			0.040	10.9		7.3	8.1	85		0.38	28		14.81	13.72	10.69

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1354	5.0			0.022	10.6	7.3	8.0	85		0.35	26		14.97	13.62	10.83
29.5	1354	6.0			0.007	10.4	7.3	8.1	85		0.36	27		15.17	13.58	10.99
29.5	1354	7.0			0.012	10.5	7.2	8.1	86		0.50	36		15.36	13.53	11.15
29.5	1354	8.0			0.040	10.9	7.2	8.1	86		1.56	101		15.49	13.49	11.25
29.5	1354	9.0			0.078	11.6	7.2	8.1	86		1.56	101		15.51	13.48	11.27
29.5	1354	10.0			0.135	12.6	7.2	8.1	86		2.13	137		15.52	13.48	11.28
29.5	1354	11.0			0.203	13.7	7.2	8.2	87		3.34	212		15.55	13.48	11.30
29.5	1354	12.0			0.265	14.7	7.2	8.2	87		3.92	248		15.57	13.47	11.32
29.5	1354	13.0			0.315	15.6	7.2	8.2	87		4.48	283		15.59	13.47	11.33
29.5	1354	14.0			0.310	15.5	7.2	8.2	87		4.99	315		15.60	13.47	11.34
29.0	1337	1.0			0.082	11.7	7.5	7.7	82		0.46	33	2.3	14.89	13.97	10.71
29.0	1337	2.0	14.2	0.76	0.071	11.5	7.4	7.8	83		0.45	32		15.14	13.76	10.94
29.0	1337	3.0			0.056	11.2	7.4	7.9	83		0.47	33		15.26	13.72	11.04
29.0	1337	4.0			0.045	11.0	7.3	7.9	84		0.45	32		15.28	13.72	11.05
29.0	1337	5.0			0.044	11.0	7.3	8.0	85		0.45	32		15.36	13.69	11.11
29.0	1337	6.0			0.048	11.1	7.2	8.1	86		0.72	49		15.71	13.54	11.41
29.0	1337	7.0			0.054	11.2	7.2	8.1	86		0.87	58		15.87	13.49	11.55
29.0	1337	8.0			0.064	11.4	7.2	8.1	86		1.09	72		15.97	13.48	11.62
29.0	1337	9.0			0.072	11.5	7.2	8.1	86		1.23	80		15.99	13.47	11.64
29.0	1337	10.0			0.080	11.6	7.3	8.0	85		1.37	89		16.00	13.47	11.65
29.0	1337	11.0			0.099	11.9	7.3	8.1	86		1.49	97		16.00	13.47	11.65
29.0	1337	12.0			0.120	12.3	7.3	8.0	85		1.76	114		16.00	13.47	11.65
29.0	1337	13.0			0.118	12.3	7.3	8.0	85		1.70	110		16.00	13.47	11.65
28.0	1233	1.0			0.024	10.7	7.2	8.1	86		0.44	32	2.7	14.98	13.88	10.80
28.0	1233	2.0			0.016	10.5	7.3	8.0	85		0.40	29		15.21	13.67	11.01
28.0	1233	3.0			0.002	10.3	7.3	8.1	85		0.35	26		15.32	13.63	11.10
28.0	1233	4.0			-0.007	10.2	7.3	7.9	84		0.31	24		15.37	13.65	11.14
28.0	1233	5.0			-0.012	10.1	7.4	7.9	84		0.26	21		15.40	13.69	11.15
28.0	1233	6.0			-0.010	10.1	7.4	7.8	83		0.25	20		15.44	13.71	11.18
28.0	1233	7.0			-0.009	10.1	7.5	7.7	82		0.23	19		15.53	13.74	11.24
28.0	1233	8.0			-0.009	10.1	7.6	7.5	80		0.25	19		15.64	13.81	11.31
28.0	1233	9.0			-0.007	10.2	7.7	7.4	79		0.24	19		15.70	13.85	11.35
28.0	1233	10.0			-0.009	10.1	7.7	7.3	78		0.23	19		15.71	13.84	11.36
28.0	1233	11.0			-0.010	10.1	7.7	7.4	79		0.23	19		15.73	13.83	11.38
28.0	1233	12.0			-0.011	10.1	7.6	7.5	80		0.25	20		15.80	13.81	11.44
28.0	1233	13.0			0.015	10.5	7.6	7.6	81		0.57	40		15.92	13.63	11.56
28.0	1233	14.0			0.024	10.7	7.6	7.5	80		2.90	185		16.03	13.44	11.68
27.0	1221	1.0			0.029	10.8	7.2	8.1	86		0.40	29	2.5	15.16	13.92	10.93
27.0	1221	2.0	10.7	0.68	0.023	10.7	7.1	8.2	88	29.5	0.39	29		15.30	13.73	11.07
27.0	1221	3.0			0.004	10.3	7.2	8.2	87		0.41	30		15.52	13.52	11.27

STN	TIME	DEPTH	DISCR CHL a	CHL a/PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
27.0	1221	4.0			-0.11	10.1		7.2	8.1	86		0.40	29		15.68	13.48	11.40
27.0	1221	5.0			-0.21	9.9		7.2	8.1	86		0.37	27		15.78	13.48	11.48
27.0	1221	6.0			-0.27	9.8		7.2	8.1	86		0.32	24		15.92	13.49	11.58
27.0	1221	7.0			-0.31	9.7		7.3	8.0	85		0.28	22		15.96	13.50	11.61
27.0	1221	8.0			-0.28	9.8		7.3	8.0	84		0.26	21		15.98	13.51	11.63
27.0	1221	9.0			-0.10	10.1		7.3	8.0	85		0.47	33		16.18	13.53	11.78
27.0	1221	10.0			0.054	11.2		7.3	8.0	86		0.83	56		16.26	13.54	11.83
27.0	1221	11.0	10.7	0.42	0.067	11.4		7.3	8.1	86		2.45	157		16.32	13.55	11.88
26.0	1209	1.0			0.005	10.4		7.4	7.9	84		0.30	23	2.0	15.46	13.86	11.16
26.0	1209	2.0			-0.01	10.3		7.3	8.0	85		0.31	23		15.57	13.75	11.27
26.0	1209	3.0			-0.17	10.0		7.3	8.1	86		0.30	23		15.84	13.60	11.50
26.0	1209	4.0			-0.39	9.6		7.3	8.0	86		0.29	22		16.05	13.56	11.67
26.0	1209	5.0			-0.50	9.4		7.3	8.0	86		0.30	23		16.12	13.57	11.72
26.0	1209	6.0			-0.31	9.8		7.3	8.0	86		0.31	24		16.20	13.58	11.78
26.0	1209	7.0			0.000	10.3		7.3	8.0	86		0.61	42		16.29	13.59	11.85
26.0	1209	8.0			0.030	10.8		7.3	8.0	85		0.90	60		16.31	13.59	11.87
26.0	1209	9.0			0.097	11.9		7.3	8.0	86		1.14	75		16.31	13.59	11.87
26.0	1209	10.0			0.108	12.1		7.2	8.2	88		1.41	92		16.32	13.60	11.87
25.0	1153	1.0			0.060	11.3		7.5	7.7	83		0.23	19	1.8	16.72	14.34	12.05
25.0	1153	2.0			0.035	10.9		7.5	7.7	82		0.24	19		16.72	13.77	12.15
25.0	1153	3.0			0.001	10.3		7.5	7.7	83		0.24	19		16.75	13.65	12.19
25.0	1153	4.0			-0.18	10.0		7.5	7.8	83		0.23	19		16.80	13.62	12.24
25.0	1153	5.0			-0.22	9.9		7.4	7.8	84		0.23	19		16.83	13.60	12.26
25.0	1153	6.0			-0.003	10.2		7.4	7.8	83		0.25	20		16.86	13.60	12.29
25.0	1153	7.0			0.002	10.3		7.5	7.7	83		0.31	24		16.86	13.60	12.29
24.0	1137	1.0			-0.04	10.2		7.7	7.4	80		0.24	19	1.7	17.16	14.18	12.42
24.0	1137	2.0	12.3	0.79	-0.20	9.9	8.9	7.5	7.6	83	21.8	0.22	18		17.31	13.93	12.57
24.0	1137	3.0			-0.61	9.2		7.4	7.8	84		0.22	18		17.38	13.70	12.66
24.0	1137	4.0			-0.81	8.9		7.4	7.9	85		0.21	17		17.44	13.68	12.72
24.0	1137	5.0			-0.88	8.8		7.3	7.9	85		0.23	19		17.49	13.67	12.76
24.0	1137	6.0			-0.81	8.9		7.3	8.0	86		0.24	19		17.51	13.66	12.78
24.0	1137	7.0			-0.71	9.1		7.3	8.0	86		0.31	23		17.52	13.66	12.78
24.0	1137	8.0			-0.63	9.2		7.3	8.0	86		0.39	29		17.52	13.66	12.78
24.0	1137	9.0	6.2	0.60	-0.63	9.2		7.3	7.9	85		0.50	35		17.52	13.66	12.78
23.0	1123	1.0			0.284	15.1		8.5	6.1	66		0.13	13	1.6	17.21	14.03	12.48
23.0	1123	2.0			0.241	14.3		8.2	6.5	70		0.14	13		17.38	13.97	12.62
23.0	1123	3.0			0.128	12.4		8.0	6.8	74		0.14	13		17.40	13.97	12.64
23.0	1123	4.0			0.047	11.1		7.8	7.2	78		0.14	13		17.55	13.85	12.77
23.0	1123	5.0			-0.026	9.8		7.6	7.5	81		0.14	13		17.68	13.65	12.91

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
23.0	1123	6.0			-.073	9.0		7.5	7.6	82		0.15	14		17.76	13.52	12.99
23.0	1123	7.0			-.092	8.7		7.5	7.7	82		0.17	15		17.79	13.50	13.02
23.0	1123	8.0			-.101	8.6		7.4	7.8	83		0.19	16		17.82	13.48	13.05
23.0	1123	9.0			-.107	8.5		7.4	7.8	84		0.23	19		17.83	13.48	13.05
23.0	1123	10.0			-.102	8.6		7.4	7.8	84		0.31	23		17.83	13.47	13.05
23.0	1123	11.0			-.099	8.6		7.4	7.9	85		0.34	26		17.83	13.47	13.06
23.0	1123	12.0			-.092	8.7		7.4	7.9	85		0.35	26		17.92	13.41	13.14
23.0	1123	13.0			-.082	8.9		7.3	8.0	85		0.38	28		17.94	13.40	13.15
23.0	1123	14.0			-.084	8.9		7.4	7.8	84		0.56	39		17.94	13.40	13.15
22.0	1104	1.0			-.065	9.2		7.4	7.9	85		0.10	10	1.2	17.39	13.80	12.67
22.0	1104	2.0			-.074	9.0		7.4	7.8	84		0.11	11		17.51	13.68	12.78
22.0	1104	3.0			-.101	8.6		7.3	8.0	86		0.11	11		17.66	13.58	12.91
22.0	1104	4.0			-.136	8.0		7.3	8.0	86		0.11	11		17.75	13.49	12.99
22.0	1104	5.0			-.149	7.8		7.3	8.1	87		0.13	12		17.87	13.39	13.10
22.0	1104	6.0			-.130	8.1		7.2	8.2	88		0.14	13		17.95	13.36	13.17
22.0	1104	7.0			-.113	8.4		7.2	8.2	88		0.18	15		17.99	13.29	13.20
22.0	1104	8.0			-.114	8.4		7.2	8.2	88		0.22	18		18.01	13.25	13.23
22.0	1104	9.0			-.115	8.3		7.1	8.3	88		0.22	18		18.05	13.24	13.27
22.0	1104	10.0			-.113	8.4		7.1	8.3	89		0.21	17		18.15	13.22	13.34
22.0	1104	11.0			-.104	8.5		7.1	8.4	90		0.22	18		18.56	13.19	13.67
22.0	1104	12.0			-.097	8.6		7.0	8.4	90		0.38	28		18.60	13.19	13.69
22.0	1104	13.0			-.093	8.7		7.0	8.5	91		0.46	33		18.75	13.17	13.81
22.0	1104	14.0			-.081	8.9		7.0	8.5	91		0.57	40		18.86	13.16	13.90
22.0	1104	15.0			-.078	9.0		7.0	8.6	92		0.65	44		18.93	13.14	13.96
22.0	1104	16.0			-.080	8.9		6.9	8.6	92		0.70	48		19.09	13.11	14.09
21.0	1051	1.0			0.044	11.0		7.3	7.9	86		0.10	10	1.2	17.06	13.91	12.39
21.0	1051	2.0	6.6	0.79	0.036	10.9	8.3	7.3	7.9	86	7.6	0.09	10		17.27	13.73	12.58
21.0	1051	3.0			0.005	10.4		7.2	8.1	87		0.11	11		17.56	13.65	12.82
21.0	1051	4.0			-.016	10.0		7.2	8.2	88		0.11	11		17.71	13.56	12.95
21.0	1051	5.0			-.026	9.8		7.2	8.2	88		0.12	12		17.94	13.48	13.14
21.0	1051	6.0			-.037	9.7		7.1	8.3	89		0.16	14		18.09	13.42	13.26
21.0	1051	7.0			-.039	9.6		7.1	8.3	89		0.20	16		18.18	13.39	13.34
21.0	1051	8.0			-.037	9.6		7.1	8.3	89		0.21	17		18.25	13.37	13.40
21.0	1051	9.0			-.032	9.7		7.1	8.4	90		0.22	18		18.34	13.34	13.47
21.0	1051	10.0			-.024	9.9		7.1	8.4	90		0.24	19		18.43	13.33	13.54
21.0	1051	11.0			-.023	9.9		7.1	8.4	90		0.24	19		18.52	13.34	13.61
21.0	1051	12.0			-.027	9.8		7.0	8.5	91		0.23	19		18.60	13.34	13.67
21.0	1051	13.0			-.030	9.8		7.0	8.4	91		0.25	18		18.64	13.34	13.70
21.0	1051	14.0			-.031	9.8		7.0	8.5	91		0.23	19		18.70	13.34	13.74
21.0	1051	15.0			-.029	9.8		6.9	8.6	93		0.22	18		18.85	13.32	13.87
21.0	1051	16.0			-.015	10.0		6.9	8.6	92		0.23	18		19.35	13.24	14.27

South San Francisco Bay

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	DISCR	CHL ABS	CHL a	CALC	DISCR	OXYG	OXYG	% OXY	DISCR	OBS	EXCOF	SALIN	TEMP	SIGT
21.0	1051	17.0	3.4	0.39	-0.012	10.1	6.9	8.6	93	0.45	32	19.61	13.21	14.47				

CHL Absorption Meter Calibration:
 OBS Calibration:
 Dissolved Oxygen Calibration:

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	CALC % OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1715	1.0			0.268	4.5					0.81	51		0.10	12.85	0.00
657.0	1715	2.0	6.5	0.81	0.267	4.5				49.7	0.78	49		0.10	12.85	0.00
657.0	1715	3.0			0.269	4.6					0.78	49		0.10	12.86	0.00
657.0	1715	4.0			0.269	4.6					0.78	49		0.10	12.84	0.00
657.0	1715	5.0			0.266	4.5					0.77	49		0.09	12.75	0.00
657.0	1715	6.0			0.262	4.5					0.77	49		0.09	12.71	0.00
657.0	1715	7.0			0.260	4.5					0.75	48		0.09	12.73	0.00
657.0	1715	8.0			0.255	4.5					0.73	47		0.09	12.61	0.00
657.0	1715	9.0			0.247	4.4					0.74	47		0.09	12.54	0.00
657.0	1715	10.0			0.243	4.4					0.69	45		0.08	12.52	0.00
657.0	1715	11.0	6.3	0.78	0.244	4.4					0.72	47		0.09	12.52	0.00
649.0	1622	1.0			0.229	4.3					0.71	46	3.0	0.07	12.43	0.00
649.0	1622	2.0	4.5	0.80	0.228	4.3				40.4	0.66	44		0.07	12.40	0.00
649.0	1622	3.0			0.226	4.3					0.70	45		0.07	12.39	0.00
649.0	1622	4.0			0.229	4.3					0.69	45		0.07	12.41	0.00
649.0	1622	5.0			0.236	4.4					0.70	46		0.07	12.37	0.00
649.0	1622	6.0			0.235	4.4					0.70	45		0.06	12.35	0.00
649.0	1622	7.0			0.228	4.3					0.66	43		0.06	12.26	0.00
649.0	1622	8.0			0.228	4.3					0.70	45		0.06	12.30	0.00
649.0	1622	9.0			0.231	4.4					0.68	44		0.06	12.34	0.00
649.0	1622	10.0			0.226	4.3					0.70	46		0.06	12.33	0.00
649.0	1622	11.0	5.1	0.70	0.221	4.3					0.62	41		0.06	12.11	0.00
649.0	1622	12.0			0.223	4.3					0.60	41		0.06	12.08	0.00
2.0	1603	1.0			0.203	4.2					0.69	35		0.08	13.54	0.00
2.0	1603	2.0			0.204	4.2					0.66	34		0.08	13.55	0.00
2.0	1603	3.0			0.202	4.2					0.66	33		0.08	13.49	0.00
2.0	1603	4.0			0.205	4.2					0.68	35		0.08	13.38	0.00
2.0	1603	5.0			0.209	4.2					0.50	36		0.08	13.41	0.00
2.0	1603	6.0			0.211	4.3					0.50	36		0.08	13.28	0.00
2.0	1603	7.0			0.216	4.3					0.52	37		0.08	13.28	0.00
2.0	1603	8.0			0.216	4.3					0.52	36		0.08	13.22	0.00
2.0	1603	9.0			0.211	4.3					0.53	37		0.08	13.22	0.00
2.0	1603	10.0			0.214	4.3					0.54	37		0.08	12.89	0.00
2.0	1603	11.0			0.217	4.3					0.62	42		0.07	12.42	0.00
3.0	1550	1.0			0.199	4.2					0.60	31		0.08	13.56	0.00
3.0	1550	2.0	2.3	0.61	0.197	4.2				38.5	0.60	31		0.08	13.62	0.00
3.0	1550	3.0			0.198	4.2					0.40	31		0.08	13.63	0.00
3.0	1550	4.0			0.197	4.2					0.41	31		0.08	13.44	0.00
3.0	1550	5.0			0.198	4.2					0.42	32		0.08	13.37	0.00
3.0	1550	6.0			0.203	4.2					0.45	33		0.08	13.09	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	CALC % OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1550	7.0			0.211	4.3					0.50	35		0.08	13.03	0.00
3.0	1550	8.0			0.219	4.3					0.52	37		0.08	12.98	0.00
3.0	1550	9.0			0.227	4.3					0.60	40		0.08	12.74	0.00
3.0	1550	10.0	3.8	0.67	0.228	4.3					0.65	43		0.08	12.69	0.00
4.0	1526	1.0			0.204	4.2					0.49	35		0.08	13.10	0.00
4.0	1526	2.0			0.206	4.2					0.47	34		0.08	12.90	0.00
4.0	1526	3.0			0.214	4.3					0.51	36		0.07	12.75	0.00
4.0	1526	4.0			0.221	4.3					0.52	37		0.07	12.68	0.00
4.0	1526	5.0			0.225	4.3					0.53	37		0.07	12.64	0.00
4.0	1526	6.0			0.232	4.4					0.55	38		0.07	12.58	0.00
4.0	1526	7.0			0.236	4.4					0.54	38		0.07	12.55	0.00
4.0	1526	8.0			0.235	4.4					0.56	38		0.07	12.50	0.00
4.0	1526	9.0			0.236	4.4					0.58	39		0.07	12.47	0.00
4.0	1526	10.0			0.236	4.4					0.57	39		0.07	12.46	0.00
4.0	1526	11.0			0.241	4.4					0.60	41		0.07	12.45	0.00
4.0	1526	12.0			0.243	4.4					0.59	40		0.07	12.45	0.00
5.0	1540	1.0			0.187	4.1					0.56	38	2.8	0.08	13.45	0.00
5.0	1540	2.0			0.188	4.1					0.54	38		0.08	13.45	0.00
5.0	1540	3.0			0.191	4.2					0.54	38		0.08	13.44	0.00
5.0	1540	4.0			0.192	4.2					0.58	39		0.08	13.44	0.00
5.0	1540	5.0			0.193	4.2					0.57	39		0.08	13.40	0.00
5.0	1540	6.0			0.193	4.2					0.59	40		0.08	13.38	0.00
5.0	1540	7.0			0.194	4.2					0.59	40		0.08	13.33	0.00
5.0	1540	8.0			0.198	4.2					0.63	42		0.08	13.21	0.00
5.0	1540	9.0			0.201	4.2					0.63	42		0.08	13.18	0.00
5.0	1540	10.0			0.203	4.2					0.63	42		0.08	13.16	0.00
5.0	1540	11.0			0.203	4.2					0.61	41		0.08	13.15	0.00
6.0	1443	1.0			0.224	4.3					0.51	36	3.0	0.08	13.09	0.00
6.0	1443	2.0	3.3	0.63	0.223	4.3				41.2	0.51	36		0.08	13.09	0.00
6.0	1443	3.0			0.223	4.3					0.51	36		0.08	13.05	0.00
6.0	1443	4.0			0.225	4.3					0.51	36		0.08	13.00	0.00
6.0	1443	5.0			0.225	4.3					0.53	37		0.08	12.98	0.00
6.0	1443	6.0			0.225	4.3					0.54	38		0.08	12.97	0.00
6.0	1443	7.0			0.231	4.4					0.56	38		0.08	12.97	0.00
6.0	1443	8.0			0.230	4.4					0.58	40		0.08	12.97	0.00
6.0	1443	9.0	3.4	0.64	0.227	4.3					0.57	39		0.08	12.97	0.00
7.0	1421	1.0			0.212	4.3					0.57	39		0.08	13.38	0.00
7.0	1421	2.0			0.210	4.2					0.55	38		0.08	13.39	0.00
7.0	1421	3.0			0.211	4.3					0.56	38		0.08	13.39	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
7.0	1421	4.0			0.217	4.3					0.55	38		0.08	13.38	0.00
7.0	1421	5.0			0.222	4.3					0.56	38		0.08	13.37	0.00
7.0	1421	6.0			0.220	4.3					0.57	39		0.08	13.35	0.00
7.0	1421	7.0			0.217	4.3					0.59	40		0.08	13.35	0.00
7.0	1421	8.0			0.220	4.3					0.61	41		0.08	13.34	0.00
7.0	1421	9.0			0.217	4.3					0.62	41		0.08	13.34	0.00
7.0	1421	10.0			0.213	4.3					0.63	42		0.08	13.34	0.00
7.0	1421	11.0			0.213	4.3					0.67	44		0.08	13.34	0.00
7.0	1421	12.0			0.210	4.2					0.66	44		0.08	13.34	0.00
7.0	1421	13.0			0.209	4.2					0.68	44		0.08	13.34	0.00
8.0	1359	1.0			0.228	4.3					0.71	46	3.4	0.09	13.35	0.00
8.0	1359	2.0			0.228	4.3					0.69	45		0.09	13.35	0.00
8.0	1359	3.0			0.228	4.3					0.72	46		0.09	13.34	0.00
8.0	1359	4.0			0.229	4.3					0.70	45		0.09	13.29	0.00
8.0	1359	5.0			0.232	4.4					0.75	48		0.09	13.23	0.00
8.0	1359	6.0			0.234	4.4					0.83	52		0.09	13.20	0.00
8.0	1359	7.0			0.238	4.4					0.86	53		0.09	13.19	0.00
8.0	1359	8.0			0.242	4.4					0.88	54		0.09	13.18	0.00
8.0	1359	9.0			0.242	4.4					0.94	57		0.09	13.16	0.00
8.0	1359	10.0			0.240	4.4					1.02	61		0.08	13.16	0.00
8.0	1359	11.0			0.242	4.4					1.02	61		0.08	13.15	0.00
8.0	1359	12.0			0.244	4.4					1.04	62		0.08	13.15	0.00
8.0	1359	13.0			0.243	4.4					1.03	62		0.08	13.14	0.00
8.0	1359	14.0			0.249	4.5					1.06	63		0.08	13.14	0.00
8.0	1359	15.0			0.252	4.5					1.09	64		0.08	13.14	0.00
9.0	1342	1.0			0.240	4.4					0.89	55	3.8	0.09	13.19	0.00
9.0	1342	2.0			0.237	4.4				47.4	0.91	56		0.09	13.17	0.00
9.0	1342	3.0		0.61	0.236	4.4					0.90	55		0.09	13.15	0.00
9.0	1342	4.0			0.235	4.4					0.94	57		0.09	13.15	0.00
9.0	1342	5.0			0.241	4.4					0.97	59		0.09	13.14	0.00
9.0	1342	6.0			0.248	4.4					0.97	59		0.09	13.14	0.00
9.0	1342	7.0			0.247	4.4					1.01	61		0.09	13.14	0.00
9.0	1342	8.0			0.246	4.4					1.01	61		0.09	13.15	0.00
9.0	1342	9.0			0.240	4.4					1.01	61		0.09	13.15	0.00
9.0	1342	10.0			0.234	4.4					1.01	61		0.09	13.15	0.00
9.0	1342	11.0			0.233	4.4					0.99	59		0.09	13.16	0.00
9.0	1342	12.0			0.233	4.4					0.99	60		0.09	13.16	0.00
9.0	1342	13.0			0.236	4.4					0.97	59		0.09	13.15	0.00
9.0	1342	14.0			0.232	4.4					0.98	59		0.09	13.14	0.00
9.0	1342	15.0			0.230	4.4					0.99	60		0.09	13.13	0.00
9.0	1342	16.0			0.236	4.4					1.00	60		0.09	13.14	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	CALC % OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1342	17.0			0.234	4.4					1.01	60		0.09	13.14	0.00
9.0	1342	18.0			0.235	4.4					1.04	62		0.09	13.12	0.00
9.0	1342	19.0			0.242	4.4					1.05	63		0.09	13.10	0.00
9.0	1342	20.0			0.246	4.4					1.16	68		0.09	13.09	0.00
9.0	1342	21.0			0.251	4.5					1.17	69		0.09	13.09	0.00
9.0	1342	22.0			0.256	4.5					1.20	70		0.09	13.09	0.00
9.0	1342	23.0			0.250	4.5					1.22	71		0.09	13.09	0.00
9.0	1342	24.0			0.233	4.4					1.20	70		0.09	13.09	0.00
9.0	1342	25.0			0.236	4.4					1.24	72		0.09	13.09	0.00
9.0	1342	26.0			0.248	4.4					1.26	73		0.09	13.09	0.00
9.0	1342	27.0			0.247	4.4					1.22	71		0.09	13.09	0.00
9.0	1342	28.0			0.240	4.4					1.22	71		0.09	13.09	0.00
9.0	1342	29.0			0.231	4.4					1.23	72		0.09	13.09	0.00
9.0	1342	30.0	3.9	0.52	0.232	4.4					1.25	73		0.10	13.09	0.00
10.0	1328	1.0			0.240	4.4					0.96	58	4.3	0.10	13.31	0.00
10.0	1328	2.0			0.239	4.4					0.92	56		0.10	13.27	0.00
10.0	1328	3.0			0.241	4.4					0.94	57		0.10	13.24	0.00
10.0	1328	4.0			0.249	4.4					0.98	59		0.10	13.19	0.00
10.0	1328	5.0			0.254	4.5					0.99	60		0.10	13.18	0.00
10.0	1328	6.0			0.253	4.5					1.05	63		0.10	13.17	0.00
10.0	1328	7.0			0.256	4.5					1.07	63		0.10	13.18	0.00
10.0	1328	8.0			0.255	4.5					1.10	65		0.10	13.17	0.00
10.0	1328	9.0			0.256	4.5					1.11	65		0.10	13.16	0.00
10.0	1328	10.0			0.257	4.5					1.14	67		0.10	13.16	0.00
10.0	1328	11.0			0.257	4.5					1.18	69		0.10	13.16	0.00
10.0	1328	12.0			0.257	4.5					1.22	71		0.10	13.16	0.00
10.0	1328	13.0			0.258	4.5					1.22	71		0.10	13.16	0.00
10.0	1328	14.0			0.257	4.5					1.24	72		0.10	13.16	0.00
10.0	1328	15.0			0.245	4.4					1.29	74		0.10	13.16	0.00
10.0	1328	16.0			0.239	4.4					1.29	75		0.10	13.16	0.00
10.0	1328	17.0			0.245	4.4					1.27	74		0.10	13.16	0.00
10.0	1328	18.0			0.253	4.5					1.30	75		0.10	13.16	0.00
10.0	1328	19.0			0.252	4.5					1.26	73		0.10	13.16	0.00
11.0	1301	1.0			0.249	4.4					1.23	72	5.3	0.12	13.52	0.00
11.0	1301	2.0			0.251	4.5					1.24	72		0.12	13.37	0.00
11.0	1301	3.0			0.253	4.5					1.36	78		0.12	13.32	0.00
11.0	1301	4.0			0.250	4.5					1.36	78		0.12	13.32	0.00
11.0	1301	5.0			0.246	4.4					1.43	81		0.12	13.32	0.00
11.0	1301	6.0			0.248	4.4					1.46	83		0.12	13.32	0.00
11.0	1301	7.0			0.251	4.5					1.43	82		0.12	13.32	0.00
11.0	1301	8.0			0.248	4.4					1.44	82		0.12	13.31	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	CALC % OXY	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
11.0	1301	9.0			0.249	4.4					1.50	85		0.12	13.31	0.00
11.0	1301	10.0			0.258	4.5					1.57	88		0.12	13.31	0.00
11.0	1301	11.0			0.265	4.5					1.61	90		0.12	13.31	0.00
11.0	1301	12.0			0.264	4.5					1.67	93		0.12	13.31	0.00
12.5	1240	1.0			0.172	4.1				118.2	2.03	111	7.3	0.48	13.64	0.00
12.5	1240	2.0	2.7	0.39	0.166	4.0					2.14	117		0.48	13.64	0.00
12.5	1240	3.0			0.161	4.0					2.02	110		0.48	13.64	0.00
12.5	1240	4.0			0.155	4.0					2.05	112		0.48	13.60	0.00
12.5	1240	5.0			0.147	3.9					2.03	111		0.53	13.50	0.00
12.5	1240	6.0			0.136	3.9					2.11	115		0.61	13.47	0.00
12.5	1240	7.0			0.117	3.8					2.15	117		0.69	13.47	0.00
12.5	1240	8.0			0.098	3.7	7.8				2.24	121		1.15	13.48	0.21
12.5	1240	9.0	3.3	0.28	0.099	3.7	7.7				2.56	137		1.49	13.45	0.48
14.0	1212	1.0			0.018	3.3	7.6				1.55	87	8.1	4.81	13.80	2.99
14.0	1212	2.0			0.034	3.4	7.5				1.74	97		6.52	13.49	4.35
14.0	1212	3.0			0.068	3.5	7.5				2.53	136		6.80	13.47	4.57
14.0	1212	4.0			0.098	3.7	7.5				3.01	160		7.15	13.43	4.85
14.0	1212	5.0			0.128	3.8	7.5				3.44	181		7.54	13.40	5.15
14.0	1212	6.0			0.129	3.8	7.4				4.15	215		7.91	13.39	5.44
14.0	1212	7.0			0.136	3.9	7.4				4.71	243		8.42	13.38	5.83
14.0	1212	8.0			0.166	4.0	7.3				4.96	256		8.94	13.36	6.23
14.0	1212	9.0			0.208	4.2	7.2				5.97	306		9.90	13.34	6.98
14.0	1212	10.0			0.248	4.4	7.2				6.85	349		10.68	13.32	7.58
14.0	1212	11.0			0.312	4.8	7.1				8.70	440		11.37	13.30	8.11
14.0	1212	12.0			0.326	4.8	7.1				10.08	508		11.93	13.27	8.55
14.0	1212	13.0			0.302	4.7	7.0				10.00	504		12.79	13.25	9.21
15.0	1151	1.0			-0.012	3.1	7.8				1.16	68		6.82	13.44	4.59
15.0	1151	2.0	5.3	0.63	-0.014	3.1	8.6			74.9	1.17	69		6.81	13.44	4.58
15.0	1151	3.0			-0.012	3.1	7.7				1.14	67		6.89	13.34	4.66
15.0	1151	4.0			-0.012	3.1	7.7				1.23	71		7.59	13.33	5.20
15.0	1151	5.0			-0.015	3.1	7.5				1.43	81		8.58	13.33	5.97
15.0	1151	6.0			-0.008	3.1	7.5				1.58	89		8.87	13.32	6.18
15.0	1151	7.0			0.017	3.3	7.4				1.91	105		9.23	13.30	6.47
15.0	1151	8.0			0.049	3.4	7.3				2.68	143		10.08	13.29	7.12
15.0	1151	9.0			0.085	3.6	7.2				3.52	185		11.26	13.28	8.04
15.0	1151	10.0			0.126	3.8	7.2				4.64	240		11.48	13.27	8.20
15.0	1151	11.0			0.175	4.1	7.2				5.63	288		11.89	13.25	8.52
15.0	1151	12.0			0.216	4.3	7.1				7.12	362		12.24	13.23	8.80
15.0	1151	13.0			0.228	4.3	7.1				7.05	359		12.76	13.21	9.20
15.0	1151	14.0			0.222	4.3	7.0				6.82	347		13.45	13.19	9.73

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
15.0	1151	15.0			0.237	4.4		6.9				7.14	363		14.32	13.15	10.41
15.0	1151	16.0			0.288	4.6		6.9				8.43	427		15.03	13.11	10.96
15.0	1151	17.0			0.323	4.8		6.8				9.86	497		15.75	13.01	11.53
15.0	1151	18.0			0.398	5.2		6.8				10.00	504		16.70	12.97	12.27
15.0	1151	19.0			0.605	6.3		6.6				10.00	504		17.72	12.89	13.07
15.0	1151	20.0			1.326	9.9		6.6				10.00	504		18.42	12.84	13.62
15.0	1151	21.0			1.880	12.7		6.6				10.00	504		18.49	12.84	13.67
15.0	1151	22.0			2.197	14.4		6.6				10.00	504		18.43	12.87	13.62
15.0	1151	23.0	15.2	0.19	2.320	15.0		6.6				10.00	504		18.22	12.91	13.45
16.0	1120	1.0			-.026	3.0		7.6				1.75	97	6.3	8.24	13.35	5.70
16.0	1120	2.0			-.029	3.0		7.6				1.77	98		8.24	13.35	5.70
16.0	1120	3.0			-.031	3.0		7.6				1.76	98		8.27	13.33	5.72
16.0	1120	4.0			-.032	3.0		7.6				1.79	99		8.31	13.32	5.76
16.0	1120	5.0			-.036	3.0		7.6				1.82	100		8.27	13.33	5.72
16.0	1120	6.0			-.040	3.0		7.5				1.82	101		8.40	13.29	5.83
16.0	1120	7.0			-.032	3.0		7.5				1.82	101		8.49	13.27	5.90
16.0	1120	8.0			-.021	3.1		7.5				1.85	102		8.87	13.19	6.21
16.0	1120	9.0			-.016	3.1		7.5				2.20	119		9.06	13.12	6.37
16.0	1120	10.0			-.012	3.1		7.5				2.46	132		9.11	13.09	6.41
16.0	1120	11.0			-.009	3.1		7.5				2.57	138		9.21	13.07	6.49
16.0	1120	12.0			0.008	3.2		7.5				2.72	145		9.42	13.04	6.66
16.0	1120	13.0			0.044	3.4		7.5				2.84	151		10.43	12.91	7.45
16.0	1120	14.0			0.077	3.6		7.4				3.37	177		11.18	12.84	8.04
16.0	1120	15.0			0.073	3.6		7.4				4.23	220		12.09	12.80	8.74
17.0	1053	1.0			-.050	2.9		7.6				0.91	56		9.15	13.24	6.41
17.0	1053	2.0			-.056	2.9		7.5				0.93	57		9.30	13.22	6.54
17.0	1053	3.0			-.061	2.9		7.5				0.98	59		9.74	13.11	6.89
17.0	1053	4.0			-.064	2.9		7.4				1.05	63		10.53	13.04	7.51
17.0	1053	5.0			-.064	2.9		7.2				1.20	70		12.41	12.90	8.97
17.0	1053	6.0			-.071	2.8		7.1				1.19	70		14.56	12.78	10.65
17.0	1053	7.0			-.076	2.8		6.9				1.10	65		17.68	12.67	13.07
17.0	1053	8.0			-.080	2.8		6.8				1.06	63		18.14	12.64	13.43
17.0	1053	9.0			-.087	2.7		6.7				0.95	58		18.63	12.58	13.82
17.0	1053	10.0			-.094	2.7		6.7				0.94	57		19.34	12.51	14.38
17.0	1053	11.0			-.095	2.7		6.6				0.82	52		19.83	12.46	14.76
17.0	1053	12.0			-.092	2.7		6.5				1.04	62		20.98	12.42	15.66
18.0	1026	1.0			-.112	2.6		6.7				0.76	48		18.49	12.61	13.70
18.0	1026	2.0	2.6	0.52	-.115	2.6	7.3	6.8			38.4	0.75	48		18.50	12.61	13.72
18.0	1026	3.0			-.119	2.6		6.7				0.75	48		18.56	12.60	13.77
18.0	1026	4.0			-.122	2.6		6.7				0.75	48		18.67	12.59	13.85

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1026	5.0			-.122	2.6		6.7	6.7			0.75	48		18.60	12.60	13.79
18.0	1026	6.0			-.123	2.6		6.7	6.7			0.75	48		18.53	12.59	13.74
18.0	1026	7.0			-.128	2.5		6.7	6.7			0.74	48		19.47	12.52	14.47
18.0	1026	8.0			-.134	2.5		6.7	6.7			0.68	44		19.14	12.55	14.22
18.0	1026	9.0			-.142	2.5		6.6	6.6			0.69	45		18.78	12.59	13.94
18.0	1026	10.0			-.137	2.5		6.5	6.5			0.67	44		20.65	12.42	15.40
18.0	1026	11.0			-.131	2.5		6.4	6.4			0.65	43		21.75	12.29	16.27
18.0	1026	12.0			-.134	2.5		6.5	6.5			0.65	43		21.98	12.27	16.46
18.0	1026	13.0			-.133	2.5		6.4	6.4			0.67	44		22.00	12.26	16.48
18.0	1026	14.0			-.128	2.5		6.4	6.4			0.65	43		22.08	12.25	16.54
18.0	1026	15.0			-.119	2.6		6.4	6.4			0.68	45		22.16	12.23	16.60
18.0	1026	16.0			-.110	2.6		6.4	6.4			0.68	45		22.23	12.22	16.66
18.0	1026	17.0			-.106	2.6		6.4	6.4			0.70	45		22.33	12.21	16.74
18.0	1026	18.0			-.111	2.6		6.4	6.4			0.72	47		22.48	12.18	16.86
18.0	1026	19.0			-.108	2.6		6.3	6.3			0.75	48		22.69	12.16	17.02
18.0	1026	20.0			-.102	2.7		6.3	6.3			0.79	50		22.79	12.16	17.10
18.0	1026	21.0			-.102	2.7		6.3	6.3			0.85	53		22.89	12.14	17.18
18.0	1026	22.0			-.100	2.7		6.3	6.3			0.90	55		22.99	12.13	17.26
18.0	1026	23.0			-.101	2.7		6.3	6.3			0.92	56		23.09	12.12	17.34
18.0	1026	24.0			-.105	2.6		6.3	6.3			0.90	55		23.11	12.12	17.35
18.0	1026	25.0			-.109	2.6		6.3	6.3			0.88	54		23.11	12.12	17.36
18.0	1026	26.0			-.110	2.6		6.3	6.3			0.83	52		23.17	12.11	17.40
18.0	1026	27.0			-.109	2.6		6.2	6.2			0.81	51		23.21	12.11	17.43
18.0	1026	28.0			-.106	2.6		6.2	6.2			0.81	51		23.27	12.10	17.49
18.0	1026	29.0			-.105	2.6		6.2	6.2			0.87	54		23.41	12.06	17.60
18.0	1026	30.0			-.113	2.6		6.2	6.2			0.89	55		23.57	12.05	17.72
18.0	1026	31.0			-.116	2.6		6.2	6.2			0.89	55		23.74	12.01	17.86
18.0	1026	32.0			-.109	2.6		6.2	6.2			0.73	47		23.90	11.99	17.99
18.0	1026	33.0			-.113	2.6		6.2	6.2			0.69	45		24.07	11.98	18.12
18.0	1026	34.0			-.125	2.5		6.2	6.2			0.67	44		24.11	11.97	18.16
18.0	1026	35.0			-.128	2.5		6.2	6.2			0.64	42		24.17	11.97	18.20
18.0	1026	36.0			-.129	2.5		6.2	6.2			0.64	42		24.21	11.96	18.23
18.0	1026	37.0			-.129	2.5		6.1	6.1			0.64	42		24.30	11.95	18.30
18.0	1026	38.0			-.131	2.5		6.1	6.1			0.64	43		24.31	11.95	18.31
18.0	1026	39.0			-.128	2.5		6.1	6.1			0.66	43		24.32	11.95	18.32
18.0	1026	40.0			-.136	2.5		6.1	6.1			0.64	43		24.31	11.96	18.31
18.0	1026	41.0	2.8	0.54	-.142	2.5		6.1	6.1			0.66	44		24.32	11.97	18.31

	n	r ²	Slope	Inter.	Std. Err.
CHL Absorption Meter Calibration:	16	0.847	5.088	3.181	1.249
OBS Calibration:	8	0.944	49.342	10.859	7.109
Dissolved Oxygen Calibration:	2	0.000	0.000	0.000	0.000

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0936	1.0			-.035	10.5		7.2	8.8	95		1.64	78		12.99	15.26	9.03
36.0	0936	2.0	10.7	0.60	-.041	10.4	8.0	7.2	8.8	95	79.2	1.69	81		13.07	15.22	9.10
36.0	0936	3.0			-.032	10.6		7.2	8.8	95		1.84	87		13.14	15.21	9.15
36.0	0936	4.0			-.017	10.9		7.2	8.8	96		2.12	99		13.16	15.22	9.17
36.0	0936	5.0			-.001	11.2		7.2	8.8	95		2.15	100		13.16	15.22	9.17
36.0	0936	6.0			0.011	11.5		7.2	8.8	96		2.21	103		13.16	15.23	9.17
36.0	0936	7.0			0.019	11.6		7.2	8.8	95		2.31	107		13.17	15.23	9.17
36.0	0936	8.0			0.024	11.7		7.2	8.8	96		2.45	113		13.19	15.22	9.19
36.0	0936	9.0			0.029	11.8		7.2	8.8	95		2.77	127		13.21	15.22	9.21
36.0	0936	10.0	9.8	0.43	0.029	11.8		7.2	8.8	96		3.67	166		13.23	15.22	9.22
35.0	0948	1.0			-.015	10.9		7.2	8.8	96		1.25	61		13.60	15.27	9.49
35.0	0948	2.0			-.014	11.0		7.2	8.8	96		1.38	67		13.61	15.23	9.51
35.0	0948	3.0			-.009	11.1		7.2	8.8	96		1.76	83		13.59	15.18	9.50
35.0	0948	4.0			-.003	11.2		7.2	8.8	96		1.86	88		13.59	15.17	9.51
35.0	0948	5.0			0.005	11.3		7.2	8.8	96		2.01	94		13.58	15.17	9.50
35.0	0948	6.0			0.012	11.5		7.2	8.8	96		2.38	110		13.58	15.16	9.49
35.0	0948	7.0			0.017	11.6		7.2	8.8	96		2.52	116		13.60	15.16	9.51
35.0	0948	8.0			0.021	11.7		7.2	8.8	96		2.48	114		13.67	15.15	9.56
35.0	0948	9.0			0.021	11.7		7.2	8.8	96		2.53	116		13.69	15.15	9.58
34.0	1000	1.0			0.132	13.9		7.2	8.8	96		0.68	37	3.4	13.88	15.44	9.68
34.0	1000	2.0			0.130	13.9		7.1	8.8	95		0.71	38		13.95	15.24	9.77
34.0	1000	3.0			0.132	13.9		7.1	8.8	95		0.85	44		14.01	15.09	9.84
34.0	1000	4.0			0.133	14.0		7.1	8.8	95		1.34	65		14.01	15.05	9.85
34.0	1000	5.0			0.132	13.9		7.1	8.8	95		1.77	84		14.07	15.02	9.89
34.0	1000	6.0			0.132	13.9		7.1	8.8	95		2.05	96		14.16	14.99	9.97
33.0	1016	1.0			-.018	10.9		7.4	9.0	99		0.67	36	3.1	13.87	15.55	9.65
33.0	1016	2.0			-.030	10.6		7.4	9.0	98		0.65	35		13.91	15.45	9.69
33.0	1016	3.0			-.035	10.5		7.2	8.9	97		0.64	35		14.01	15.34	9.80
33.0	1016	4.0			-.041	10.4		7.2	8.8	96		0.62	34		14.38	15.01	10.13
33.0	1016	5.0			-.044	10.3		7.2	8.8	96		0.58	32		14.62	14.81	10.36
33.0	1016	6.0			-.041	10.4		7.2	8.8	96		0.54	31		14.69	14.77	10.42
33.0	1016	7.0			-.038	10.5		7.2	8.9	96		0.54	31		14.70	14.77	10.43
33.0	1016	8.0			-.035	10.5		7.2	8.8	96		0.54	31		14.78	14.76	10.49
33.0	1016	9.0			-.029	10.6		7.2	8.8	96		0.56	31		14.85	14.75	10.54
33.0	1016	10.0			-.023	10.8		7.2	8.8	95		0.63	35		14.87	14.73	10.56
33.0	1016	11.0			-.016	10.9		7.2	8.8	95		0.70	38		14.90	14.73	10.58
33.0	1016	12.0			-.009	11.0		7.2	8.8	95		0.78	41		14.96	14.71	10.63
33.0	1016	13.0			0.009	11.4		7.2	8.8	95		0.84	44		15.01	14.68	10.68
33.0	1016	14.0			0.013	11.5		7.3	8.9	96		0.93	47		15.04	14.67	10.71

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	1024	1.0			0.031	11.9		7.4	9.0	98		0.38	24	2.4	14.44	15.11	10.16
32.0	1024	2.0	11.3	0.83	0.028	11.8	8.5	7.5	9.0	98	30.4	0.38	24		14.53	14.94	10.26
32.0	1024	3.0			0.025	11.7		7.5	9.0	98		0.36	23		14.68	14.90	10.39
32.0	1024	4.0			0.021	11.7		7.3	8.9	97		0.35	22		14.75	14.91	10.44
32.0	1024	5.0			0.018	11.6		7.4	9.0	97		0.34	22		15.06	14.66	10.72
32.0	1024	6.0			0.013	11.5		7.4	9.0	97		0.33	21		15.09	14.65	10.75
32.0	1024	7.0			0.006	11.4		7.4	9.0	97		0.34	22		15.13	14.64	10.78
32.0	1024	8.0			0.003	11.3		7.4	8.9	97		0.37	24		15.16	14.64	10.80
32.0	1024	9.0			0.008	11.4		7.4	9.0	97		0.43	26		15.16	14.65	10.80
32.0	1024	10.0			0.017	11.6		7.3	8.9	97		0.49	29		15.19	14.65	10.82
32.0	1024	11.0			0.024	11.7		7.3	8.9	97		0.56	32		15.22	14.65	10.84
32.0	1024	12.0	6.2	0.54	0.024	11.7		7.3	8.9	97		0.60	33		15.22	14.64	10.85
31.0	1036	1.0			0.012	11.5		7.5	9.1	99		0.30	20	2.0	15.12	14.99	10.70
31.0	1036	2.0			0.005	11.3		7.5	9.0	98		0.28	20		15.32	14.79	10.89
31.0	1036	3.0			-0.002	11.2		7.5	9.1	98		0.27	19		15.47	14.64	11.04
31.0	1036	4.0			-0.003	11.2		7.6	9.1	99		0.23	17		15.48	14.63	11.05
31.0	1036	5.0			-0.002	11.2		7.5	9.1	99		0.22	17		15.49	14.63	11.05
31.0	1036	6.0			-0.003	11.2		7.6	9.1	99		0.21	16		15.51	14.64	11.07
31.0	1036	7.0			-0.017	10.9		7.5	9.1	98		0.21	17		15.53	14.63	11.09
31.0	1036	8.0			-0.030	10.6		7.6	9.1	99		0.23	17		15.55	14.63	11.10
31.0	1036	9.0			-0.025	10.7		7.5	9.1	98		0.25	18		15.56	14.60	11.11
31.0	1036	10.0			-0.018	10.9		7.5	9.1	98		0.26	18		15.57	14.59	11.12
31.0	1036	11.0			-0.013	11.0		7.5	9.1	98		0.27	19		15.60	14.61	11.14
31.0	1036	12.0			-0.005	11.1		7.4	9.0	98		0.31	21		15.61	14.61	11.15
31.0	1036	13.0			0.005	11.3		7.5	9.0	98		0.34	22		15.61	14.62	11.15
31.0	1036	14.0			0.004	11.3		7.5	9.1	98		0.36	23		15.63	14.64	11.16
30.0	1059	1.0			0.086	13.0		7.8	9.3	102		0.28	20		15.99	14.95	11.38
30.0	1059	2.0	9.1	0.83	0.083	12.9	8.9	7.8	9.3	102	19.1	0.27	19		15.97	15.03	11.35
30.0	1059	3.0			0.082	12.9		7.8	9.3	102		0.28	19		15.98	15.03	11.35
30.0	1059	4.0			0.084	13.0		7.7	9.2	101		0.27	19		15.98	15.03	11.35
30.0	1059	5.0			0.086	13.0		7.7	9.2	100		0.27	19		15.98	14.94	11.37
30.0	1059	6.0			0.086	13.0		7.6	9.1	100		0.26	19		15.97	14.77	11.40
30.0	1059	7.0			0.084	13.0		7.6	9.2	100		0.29	20		16.02	14.71	11.45
30.0	1059	8.0			0.084	13.0		7.6	9.2	100		0.29	20		16.07	14.73	11.48
30.0	1059	9.0			0.085	13.0		7.7	9.2	100		0.29	20		16.09	14.74	11.50
30.0	1059	10.0			0.087	13.0		7.7	9.2	100		0.29	20		16.11	14.73	11.51
30.0	1059	11.0			0.093	13.1		7.7	9.2	100		0.28	20		16.12	14.73	11.52
30.0	1059	12.0	7.4	0.70	0.093	13.1		7.7	9.2	100		0.32	21		16.13	14.74	11.52
29.5	1115	1.0			0.073	12.7		8.1	9.5	104		0.16	14	1.7	16.15	15.00	11.49
29.5	1115	2.0			0.067	12.6		7.9	9.4	103		0.16	14		16.17	14.94	11.52

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1115	3.0			0.067	12.6		7.9	9.4	102		0.15	14		16.24	14.75	11.60
29.5	1115	4.0			0.071	12.7		7.9	9.3	102		0.15	14		16.27	14.72	11.64
29.5	1115	5.0			0.074	12.8		7.9	9.4	102		0.15	14		16.29	14.75	11.65
29.5	1115	6.0			0.076	12.8		7.9	9.4	103		0.15	14		16.32	14.78	11.66
29.5	1115	7.0			0.078	12.8		7.9	9.4	103		0.17	15		16.34	14.80	11.67
29.5	1115	8.0			0.079	12.9		7.9	9.4	103		0.16	14		16.35	14.80	11.68
29.5	1115	9.0			0.080	12.9		8.0	9.4	103		0.16	14		16.35	14.81	11.68
29.5	1115	10.0			0.082	12.9		7.9	9.4	103		0.15	14		16.36	14.81	11.69
29.5	1115	11.0			0.085	13.0		8.0	9.4	103		0.15	14		16.37	14.82	11.69
29.5	1115	12.0			0.090	13.1		8.0	9.4	103		0.16	14		16.39	14.84	11.70
29.5	1115	13.0			0.095	13.2		8.0	9.4	103		0.18	15		16.42	14.86	11.73
29.5	1115	14.0			0.097	13.2		8.0	9.4	103		0.21	16		16.45	14.88	11.75
29.5	1115	15.0			0.099	13.3		8.0	9.4	103		0.26	19		16.47	14.89	11.76
29.5	1115	16.0			0.099	13.3		8.0	9.4	103		0.33	22		16.48	14.90	11.77
29.0	1127	1.0			0.064	12.5		8.8	10.0	111		0.10	12	1.3	16.41	15.10	11.67
29.0	1127	2.0	43.6	0.89	0.057	12.4		8.7	10.0	110		0.10	12		16.46	15.03	11.72
29.0	1127	3.0			0.052	12.3		8.6	9.9	108		0.09	11		16.48	15.01	11.74
29.0	1127	4.0			0.045	12.2		8.5	9.8	108		0.09	11		16.50	14.97	11.76
29.0	1127	5.0			0.040	12.1		8.5	9.8	108		0.08	11		16.50	14.95	11.78
29.0	1127	6.0			0.038	12.0		8.5	9.8	108		0.09	11		16.51	14.94	11.78
29.0	1127	7.0			0.033	11.9		8.4	9.8	107		0.09	11		16.51	14.93	11.78
29.0	1127	8.0			0.029	11.8		8.4	9.7	107		0.09	11		16.52	14.93	11.79
29.0	1127	9.0			0.038	12.0		8.3	9.7	106		0.09	11		16.55	14.93	11.81
29.0	1127	10.0			0.056	12.4		8.3	9.7	106		0.09	11		16.54	14.93	11.81
29.0	1127	11.0			0.069	12.6		8.3	9.6	106		0.09	11		16.61	14.95	11.86
29.0	1127	12.0			0.073	12.7		8.2	9.6	106		0.09	11		16.68	14.98	11.90
29.0	1127	13.0			0.076	12.8		8.2	9.6	106		0.10	12		16.84	14.93	12.04
29.0	1127	14.0			0.082	12.9		8.2	9.6	106		0.14	13		16.93	14.76	12.13
29.0	1127	15.0			0.090	13.1		8.3	9.7	106		0.24	18		16.93	14.75	12.14
29.0	1127	16.0			0.090	13.1		8.3	9.7	106		0.35	23		16.93	14.74	12.14
28.0	1141	1.0			0.036	12.0		8.5	9.8	108		0.09	11	1.2	16.60	14.95	11.85
28.0	1141	2.0			0.033	11.9		8.5	9.8	107		0.07	11		16.67	14.82	11.93
28.0	1141	3.0			0.033	11.9		8.4	9.8	107		0.09	11		16.78	14.69	12.04
28.0	1141	4.0			0.033	11.9		8.5	9.9	108		0.10	12		16.88	14.65	12.11
28.0	1141	5.0			0.035	12.0		8.6	9.9	108		0.11	12		16.92	14.70	12.14
28.0	1141	6.0			0.034	11.9		8.6	9.9	109		0.11	12		16.93	14.73	12.14
28.0	1141	7.0			0.036	12.0		8.6	9.9	109		0.11	12		16.94	14.76	12.14
28.0	1141	8.0			0.044	12.1		8.5	9.8	108		0.10	12		16.95	14.78	12.15
28.0	1141	9.0			0.047	12.2		8.4	9.7	107		0.12	13		17.04	14.65	12.24
28.0	1141	10.0			0.048	12.2		8.3	9.7	106		0.14	13		17.04	14.52	12.27
28.0	1141	11.0			0.049	12.3		8.3	9.7	105		0.14	13		17.06	14.47	12.28

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28.0	1141	12.0			0.046	12.2		8.2	9.6	105		0.14	13		17.20	14.43	12.40
28.0	1141	13.0			0.043	12.1		8.1	9.5	104		0.15	14		17.38	14.42	12.54
28.0	1141	14.0			0.042	12.1		8.0	9.4	103		0.28	19		17.50	14.35	12.65
28.0	1141	15.0			0.043	12.1		8.0	9.4	103		0.46	27		17.55	14.32	12.69
27.0	1159	1.0			0.226	15.9		9.5	10.6	117		0.04	9	1.3	16.77	15.22	11.93
27.0	1159	2.0	28.0	0.89	0.222	15.8	10.4	9.4	10.5	116	9.0	0.05	9		16.78	15.20	11.94
27.0	1159	3.0			0.224	15.8		9.2	10.4	114		0.04	9		16.78	15.11	11.96
27.0	1159	4.0			0.229	15.9		8.9	10.1	111		0.04	9		16.80	14.86	12.01
27.0	1159	5.0			0.233	16.0		8.4	9.8	107		0.04	9		16.84	14.72	12.07
27.0	1159	6.0			0.236	16.1		8.2	9.6	105		0.06	10		17.10	14.46	12.32
27.0	1159	7.0			0.239	16.1		8.4	9.7	105		0.06	10		17.21	14.07	12.47
27.0	1159	8.0			0.238	16.1		8.4	9.7	105		0.07	11		17.24	14.03	12.50
27.0	1159	9.0			0.233	16.0		8.1	9.5	103		0.11	12		17.56	14.08	12.74
27.0	1159	10.0			0.230	16.0		7.9	9.4	102		0.24	18		17.98	14.01	13.07
27.0	1159	11.0			0.227	15.9		7.8	9.3	101		0.43	26		18.11	13.96	13.18
27.0	1159	12.0			0.224	15.8		7.7	9.2	100		0.52	30		18.12	13.96	13.19
27.0	1159	13.0	6.8	0.60	0.224	15.8		7.7	9.2	100		0.80	42		18.11	13.95	13.19
26.0	1214	1.0			0.209	15.5		9.1	10.2	113		0.05	9	1.0	17.12	15.01	12.24
26.0	1214	2.0			0.197	15.3		9.2	10.3	114		0.05	9		17.12	14.93	12.25
26.0	1214	3.0			0.195	15.2		8.7	10.0	111		0.04	9		17.10	15.14	12.19
26.0	1214	4.0			0.197	15.3		8.6	9.9	109		0.04	9		17.15	14.65	12.33
26.0	1214	5.0			0.200	15.3		8.5	9.8	107		0.05	9		17.21	14.30	12.43
26.0	1214	6.0			0.202	15.4		8.1	9.5	103		0.06	10		17.40	14.08	12.61
26.0	1214	7.0			0.202	15.4		7.9	9.3	101		0.07	11		18.06	13.89	13.16
26.0	1214	8.0			0.202	15.4		7.7	9.2	100		0.19	15		18.71	13.64	13.70
26.0	1214	9.0			0.203	15.4		7.7	9.2	100		0.32	21		18.74	13.62	13.73
26.0	1214	10.0			0.204	15.4		7.8	9.3	100		0.42	26		18.75	13.62	13.74
26.0	1214	11.0			0.203	15.4		7.8	9.3	100		0.60	33		18.76	13.62	13.74
25.0	1230	1.0			0.142	14.2		9.0	10.2	113		0.03	8	1.1	17.04	15.15	12.15
25.0	1230	2.0			0.134	14.0		8.3	9.7	106		0.03	8		17.18	14.69	12.34
25.0	1230	3.0			0.133	14.0		7.7	9.2	100		0.05	9		18.67	13.69	13.66
25.0	1230	4.0			0.138	14.1		7.5	9.1	98		0.11	12		19.45	13.33	14.32
25.0	1230	5.0			0.143	14.2		7.4	8.9	97		0.15	14		19.39	13.35	14.28
25.0	1230	6.0			0.147	14.2		7.3	8.9	96		0.15	14		19.56	13.26	14.42
25.0	1230	7.0			0.148	14.3		7.2	8.8	95		0.17	15		19.87	13.09	14.69
25.0	1230	8.0			0.145	14.2		7.2	8.9	95		0.22	17		20.06	13.00	14.85
25.0	1230	9.0			0.145	14.2		7.2	8.9	95		0.26	19		20.07	12.99	14.86
24.0	1243	1.0			0.087	13.0		7.8	9.3	103		0.05	9	1.0	17.43	14.93	12.49
24.0	1243	2.0	14.1	0.88	0.076	12.8	10.6	7.4	9.0	97	6.2	0.05	9		18.78	13.67	13.75

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
24.0	1243	3.0			0.063	12.5		7.1	8.7	94		0.08	11		19.91	13.10	14.72
24.0	1243	4.0			0.053	12.3		7.0	8.7	94		0.09	11		20.37	12.84	15.12
24.0	1243	5.0			0.050	12.3		7.0	8.7	93		0.10	12		20.74	12.68	15.43
24.0	1243	6.0			0.054	12.3		7.0	8.6	93		0.12	13		20.76	12.67	15.45
24.0	1243	7.0			0.058	12.4		7.0	8.7	93		0.14	13		20.90	12.61	15.57
24.0	1243	8.0			0.054	12.3		6.9	8.6	93		0.15	14		20.97	12.59	15.62
24.0	1243	9.0			0.052	12.3		6.9	8.6	93		0.18	15		21.03	12.57	15.68
24.0	1243	10.0	3.6	0.65	0.054	12.4		7.0	8.7	93		0.25	18		21.04	12.57	15.68
23.0	1257	1.0			0.091	13.1		9.4	10.5	114		0.02	8	0.9	17.27	14.15	12.51
23.0	1257	2.0			0.098	13.2		9.4	10.5	114		0.02	8		17.27	14.16	12.51
23.0	1257	3.0			0.101	13.3		9.3	10.4	113		0.02	8		17.27	14.16	12.51
23.0	1257	4.0			0.098	13.2		9.2	10.3	112		0.02	8		17.28	14.08	12.53
23.0	1257	5.0			0.093	13.1		8.8	10.1	109		0.02	8		17.32	13.90	12.58
23.0	1257	6.0			0.091	13.1		8.1	9.6	103		0.02	8		17.65	13.73	12.87
23.0	1257	7.0			0.090	13.1		7.6	9.1	98		0.02	8		20.11	13.01	14.89
23.0	1257	8.0			0.092	13.1		7.4	9.0	96		0.05	10		21.12	12.61	15.74
23.0	1257	9.0			0.093	13.1		7.3	8.9	96		0.08	11		21.54	12.48	16.08
23.0	1257	10.0			0.093	13.1		7.2	8.8	95		0.14	13		21.74	12.43	16.25
23.0	1257	11.0			0.099	13.3		7.1	8.8	95		0.19	16		21.90	12.39	16.38
23.0	1257	12.0			0.105	13.4		7.1	8.7	94		0.21	16		22.13	12.32	16.56
23.0	1257	13.0			0.105	13.4		7.1	8.7	94		0.22	17		22.41	12.26	16.80
23.0	1257	14.0			0.102	13.3		7.0	8.7	94		0.26	19		22.51	12.23	16.87
23.0	1257	15.0			0.098	13.2		7.0	8.7	93		0.27	19		22.63	12.20	16.97
23.0	1257	16.0			0.098	13.2		7.0	8.7	94		0.34	22		22.83	12.15	17.14
22.0	1313	1.0			0.708	25.8		8.1	9.5	103		0.01	8	0.8	17.92	13.80	13.07
22.0	1313	2.0			0.855	28.8		8.0	9.4	102		0.02	8		18.11	13.73	13.23
22.0	1313	3.0			0.355	18.5		7.6	9.2	99		0.02	8		18.45	13.56	13.52
22.0	1313	4.0			0.197	15.3		7.4	8.9	96		0.02	8		19.84	13.10	14.66
22.0	1313	5.0			0.148	14.3		7.2	8.8	95		0.03	9		20.81	12.75	15.48
22.0	1313	6.0			0.128	13.9		7.2	8.8	95		0.05	9		21.31	12.60	15.89
22.0	1313	7.0			0.118	13.7		7.1	8.7	94		0.08	11		21.52	12.57	16.05
22.0	1313	8.0			0.114	13.6		7.0	8.7	94		0.10	12		21.82	12.46	16.30
22.0	1313	9.0			0.114	13.6		6.9	8.6	92		0.13	13		22.31	12.31	16.71
22.0	1313	10.0			0.117	13.6		6.8	8.5	92		0.15	14		22.78	12.16	17.09
22.0	1313	11.0			0.120	13.7		6.7	8.5	91		0.18	15		23.22	12.04	17.46
22.0	1313	12.0			0.121	13.7		6.7	8.4	91		0.22	17		23.48	11.97	17.67
22.0	1313	13.0			0.121	13.7		6.6	8.4	90		0.33	22		23.78	11.89	17.91
22.0	1313	14.0			0.122	13.7		6.6	8.4	90		0.35	23		24.11	11.80	18.18
22.0	1313	15.0			0.122	13.7		6.6	8.3	90		0.40	25		24.37	11.73	18.40
22.0	1313	16.0			0.125	13.8		6.5	8.3	89		0.43	26		24.54	11.68	18.53
22.0	1313	17.0			0.128	13.9		6.5	8.3	90		0.43	26		24.69	11.64	18.66

South San Francisco Bay

24 April 1995

95114

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	1313	18.0			0.128	13.9		6.7	8.4	91		0.49	28		24.79	11.62	18.74
21.0	1323	1.0			0.082	12.9		8.7	9.9	108		0.03	9		17.35	14.16	12.56
21.0	1323	2.0	13.1	0.84	0.082	12.9	10.1	8.6	9.5	107	6.9	0.03	8	0.7	17.36	14.14	12.58
21.0	1323	3.0			0.084	13.0		8.1	9.5	103		0.02	8		17.70	13.93	12.87
21.0	1323	4.0			0.090	13.1		7.7	9.2	100		0.02	8		18.99	13.53	13.94
21.0	1323	5.0			0.096	13.2		7.5	9.0	97		0.03	9		19.94	13.09	14.75
21.0	1323	6.0			0.102	13.3		7.4	9.0	97		0.02	8		20.09	12.96	14.89
21.0	1323	7.0			0.104	13.4		7.3	8.9	96		0.02	8		20.16	12.92	14.94
21.0	1323	8.0			0.100	13.3		7.1	8.8	95		0.04	9		20.92	12.69	15.56
21.0	1323	9.0			0.096	13.2		7.0	8.7	93		0.11	12		21.92	12.43	16.39
21.0	1323	10.0			0.096	13.2		6.9	8.6	92		0.22	17		22.61	12.24	16.95
21.0	1323	11.0			0.097	13.2		6.8	8.5	92		0.25	18		23.05	12.12	17.31
21.0	1323	12.0			0.100	13.3		6.7	8.5	91		0.29	20		23.36	12.01	17.57
21.0	1323	13.0			0.101	13.3		6.7	8.4	91		0.32	21		23.66	11.95	17.81
21.0	1323	14.0			0.101	13.3		6.7	8.5	91		0.32	21		23.70	11.93	17.84
21.0	1323	15.0			0.104	13.4		6.6	8.4	91		0.33	22		23.79	11.90	17.92
21.0	1323	16.0			0.108	13.5		6.6	8.4	91		0.42	25		24.08	11.82	18.15
21.0	1323	17.0	3.6	0.53	0.107	13.4		6.6	8.4	90		0.45	27		24.17	11.80	18.23

CHL Absorption Meter Calibration:
 OBS Calibration:
 Dissolved Oxygen Calibration:

n	r ²	Slope	Inter.	Std. Err.
13	0.019	20.498	11.238	11.527
6	0.986	43.195	7.409	3.759
6	0.350	0.760	3.362	1.000

SeaBird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
33.0	1534	1.0			0.353	14.0		7.1	8.5	96		1.78	123		13.60	17.27	9.11
33.0	1534	2.0			0.343	13.9		7.1	8.4	95		1.75	121		13.74	17.17	9.23
33.0	1534	3.0			0.325	13.8		7.1	8.4	95		1.74	120		13.87	17.08	9.35
33.0	1534	4.0			0.307	13.7		7.0	8.3	94		1.70	118		13.99	17.01	9.45
33.0	1534	5.0			0.298	13.6		7.0	8.4	94		1.64	114		14.13	16.89	9.58
33.0	1534	6.0			0.301	13.7		7.0	8.4	94		1.61	112		14.15	16.85	9.61
33.0	1534	7.0			0.301	13.7		7.0	8.4	94		1.63	113		14.15	16.85	9.61
33.0	1534	8.0			0.302	13.7		7.0	8.3	94		1.69	117		14.20	16.80	9.66
33.0	1534	9.0			0.307	13.7		7.0	8.3	94		1.96	135		14.23	16.78	9.68
33.0	1534	10.0			0.312	13.7		7.0	8.4	94		2.30	158		14.31	16.69	9.77
33.0	1534	11.0			0.312	13.7		7.1	8.4	94		2.59	178		14.34	16.67	9.79
33.0	1534	12.0			0.310	13.7		7.0	8.4	94		2.80	192		14.35	16.65	9.80
32.0	1523	1.0			0.123	12.7		7.0	8.3	94		1.14	80		14.46	16.73	9.87
32.0	1523	2.0	11.0	0.72	0.118	12.6	7.8	7.0	8.3	93	78.4	1.12	78		14.52	16.58	9.95
32.0	1523	3.0			0.116	12.6		7.0	8.3	93		1.14	80		14.57	16.51	10.00
32.0	1523	4.0			0.115	12.6		7.0	8.3	93		1.21	85		14.61	16.48	10.03
32.0	1523	5.0			0.120	12.7		7.0	8.3	93		1.27	89		14.69	16.40	10.11
32.0	1523	6.0			0.129	12.7		7.0	8.3	93		1.36	95		14.72	16.35	10.14
32.0	1523	7.0			0.136	12.7		7.0	8.3	93		1.52	106		14.76	16.32	10.18
32.0	1523	8.0			0.145	12.8		7.0	8.3	93		1.74	120		14.77	16.31	10.19
32.0	1523	9.0			0.152	12.8		7.0	8.3	93		1.99	137		14.79	16.30	10.20
32.0	1523	10.0			0.159	12.9		7.0	8.3	93		2.19	151		14.79	16.30	10.20
32.0	1523	11.0			0.171	12.9		7.0	8.3	93		2.28	157		14.79	16.30	10.21
32.0	1523	12.0			0.190	13.0		7.0	8.3	93		2.52	173		14.79	16.30	10.21
32.0	1523	13.0	11.1	0.58	0.190	13.0		7.0	8.3	93		2.65	182		14.80	16.29	10.22
31.0	1507	1.0			0.043	12.2		7.3	8.6	96		0.50	36		15.47	16.16	10.75
31.0	1507	2.0			0.030	12.2		7.2	8.5	95		0.47	35		15.47	16.08	10.77
31.0	1507	3.0			0.014	12.1		7.1	8.4	94		0.48	35		15.44	15.90	10.78
31.0	1507	4.0			0.005	12.0		7.1	8.5	94		0.53	39		15.52	15.77	10.87
31.0	1507	5.0			0.008	12.0		7.1	8.5	94		0.60	43		15.58	15.72	10.93
31.0	1507	6.0			0.015	12.1		7.2	8.5	94		0.69	49		15.62	15.71	10.96
31.0	1507	7.0			0.022	12.1		7.2	8.5	94		0.77	55		15.65	15.70	10.98
31.0	1507	8.0			0.030	12.1		7.2	8.5	94		0.87	62		15.68	15.68	11.01
31.0	1507	9.0			0.033	12.2		7.2	8.5	95		0.94	66		15.75	15.65	11.07
31.0	1507	10.0			0.038	12.2		7.2	8.5	95		1.00	70		15.81	15.63	11.12
31.0	1507	11.0			0.057	12.3		7.3	8.6	95		1.04	73		15.88	15.59	11.18
31.0	1507	12.0			0.073	12.4		7.3	8.6	95		1.15	80		15.91	15.58	11.20
31.0	1507	13.0			0.077	12.4		7.3	8.6	95		1.30	91		15.91	15.58	11.20
31.0	1507	14.0			0.083	12.4		7.3	8.6	95		1.45	101		15.91	15.57	11.20
31.0	1507	15.0			0.082	12.4		7.4	8.7	96		1.70	117		15.91	15.58	11.20

South San Francisco Bay

27 April 1995

95117

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPH	OBS SPH	CALC SPH	EXCOF	SALIN	TEMP	SIGT
30.0	1447	1.0			0.030	12.2		7.6	8.9	99		0.29	22		16.16	15.71	11.37
30.0	1447	2.0	12.9	0.81	0.028	12.1	8.5	7.5	8.8	98	19.4	0.27	21		16.16	15.69	11.37
30.0	1447	3.0			0.022	12.1		7.5	8.8	98		0.28	21		16.16	15.68	11.38
30.0	1447	4.0			0.014	12.1		7.5	8.8	98		0.28	22		16.16	15.65	11.38
30.0	1447	5.0			-0.003	12.0		7.5	8.8	98		0.30	23		16.17	15.64	11.39
30.0	1447	6.0			-0.020	11.9		7.4	8.8	97		0.31	24		16.20	15.48	11.44
30.0	1447	7.0			-0.021	11.9		7.5	8.8	98		0.31	24		16.25	15.48	11.48
30.0	1447	8.0			-0.012	11.9		7.6	8.9	99		0.29	22		16.37	15.47	11.57
30.0	1447	9.0			-0.003	12.0		7.7	9.0	100		0.28	22		16.40	15.47	11.59
30.0	1447	10.0			0.006	12.0		7.7	9.0	100		0.33	25		16.41	15.46	11.61
30.0	1447	11.0			0.009	12.0		7.8	9.1	100		0.37	28		16.42	15.46	11.61
30.0	1447	12.0	11.1	0.67	0.006	12.0		7.7	9.0	100		0.45	33		16.42	15.46	11.61
29.5	1430	1.0			0.066	12.4		7.8	9.1	100		0.14	13		16.66	15.35	11.82
29.5	1430	2.0			0.064	12.3		7.7	9.0	100		0.15	13		16.66	15.36	11.81
29.5	1430	3.0			0.061	12.3		7.7	9.0	100		0.15	13		16.68	15.32	11.84
29.5	1430	4.0			0.057	12.3		7.8	9.0	100		0.15	13		16.71	15.30	11.86
29.5	1430	5.0			0.047	12.2		7.8	9.0	100		0.13	12		16.78	15.26	11.93
29.5	1430	6.0			0.039	12.2		7.8	9.1	100		0.15	13		16.85	15.21	11.99
29.5	1430	7.0			0.034	12.2		7.8	9.1	100		0.12	11		16.90	15.16	12.04
29.5	1430	8.0			0.033	12.2		7.8	9.1	100		0.12	11		16.93	15.13	12.07
29.5	1430	9.0			0.031	12.2		7.8	9.1	100		0.13	11		17.00	15.05	12.14
29.5	1430	10.0			0.029	12.1		7.8	9.1	100		0.17	15		17.01	15.01	12.15
29.5	1430	11.0			0.029	12.1		7.8	9.0	100		0.18	15		17.03	15.00	12.17
29.5	1430	12.0			0.030	12.2		7.8	9.1	100		0.20	16		17.04	15.00	12.17
29.5	1430	13.0			0.036	12.2		7.7	9.0	99		0.21	17		17.05	14.98	12.19
29.5	1430	14.0			0.053	12.3		7.7	9.0	99		0.49	36		17.14	14.90	12.27
29.5	1430	15.0			0.085	12.5		7.7	9.0	99		0.79	56		17.19	14.87	12.31
29.5	1430	16.0			0.087	12.5		7.7	9.0	99		1.18	83		17.23	14.85	12.35
29.0	1408	1.0			0.050	12.3		7.9	9.2	103		0.18	15	1.8	16.59	15.68	11.70
29.0	1408	2.0			0.046	12.2		7.8	9.1	101		0.17	14		16.61	15.64	11.72
29.0	1408	3.0			0.028	12.1		7.7	9.0	100		0.17	14		16.79	15.44	11.90
29.0	1408	4.0			-0.000	12.0		7.7	9.0	100		0.16	13		17.05	15.19	12.15
29.0	1408	5.0			-0.018	11.9		7.8	9.1	100		0.14	12		17.19	15.04	12.29
29.0	1408	6.0			-0.020	11.9		7.8	9.1	101		0.12	11		17.29	14.98	12.37
29.0	1408	7.0			-0.017	11.9		7.9	9.1	101		0.11	10		17.34	14.96	12.41
29.0	1408	8.0			-0.017	11.9		7.8	9.1	101		0.09	9		17.40	14.89	12.47
29.0	1408	9.0			-0.023	11.9		7.8	9.1	100		0.10	10		17.53	14.78	12.59
29.0	1408	10.0			-0.028	11.8		7.8	9.1	100		0.11	10		17.61	14.71	12.67
29.0	1408	11.0			-0.022	11.9		7.8	9.0	99		0.16	14		17.69	14.63	12.74
29.0	1408	12.0			-0.014	11.9		7.7	9.0	99		0.24	19		17.72	14.60	12.77
29.0	1408	13.0			-0.004	12.0		7.7	9.0	99		0.35	27		17.80	14.56	12.84

South San Francisco Bay

27 April 1995

95117

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	1408	14.0			0.012	12.1		7.7	9.0	99		0.54	39		17.90	14.51	12.92
29.0	1408	15.0			0.011	12.0		7.7	9.0	99		0.69	49		17.96	14.48	12.98
28.0	1012	1.0			0.502	14.8		7.9	9.2	102		0.13	11		16.68	15.25	11.86
28.0	1012	2.0			0.486	14.7		7.9	9.1	101		0.13	12		16.70	15.22	11.87
28.0	1012	3.0			0.424	14.3		7.8	9.1	101		0.12	11		16.71	15.20	11.89
28.0	1012	4.0			0.344	13.9		7.8	9.1	100		0.13	12		16.74	15.16	11.92
28.0	1012	5.0			0.266	13.5		7.8	9.1	100		0.11	10		16.82	15.11	11.98
28.0	1012	6.0			0.219	13.2		7.8	9.1	100		0.12	11		16.89	15.07	12.04
28.0	1012	7.0			0.186	13.0		7.8	9.1	100		0.14	12		16.92	15.05	12.08
28.0	1012	8.0			0.150	12.8		7.8	9.1	100		0.15	13		16.95	15.04	12.10
28.0	1012	9.0			0.113	12.6		7.7	9.0	99		0.17	14		16.99	15.00	12.13
28.0	1012	10.0			0.080	12.4		7.6	8.9	98		0.22	18		17.18	14.88	12.31
28.0	1012	11.0			0.067	12.4		7.6	8.9	97		0.34	26		17.57	14.66	12.65
28.0	1012	12.0			0.080	12.4		7.6	8.9	98		0.89	63		17.91	14.49	12.93
28.0	1012	13.0			0.098	12.5		7.6	8.9	97		1.21	84		17.98	14.45	12.99
28.0	1012	14.0			0.109	12.6		7.6	8.9	98		1.58	109		18.00	14.44	13.02
28.0	1012	15.0			0.139	12.8		7.6	8.9	98		1.75	121		18.01	14.44	13.02
28.0	1012	16.0			0.148	12.8		7.6	8.9	98		2.16	149		18.01	14.44	13.03
27.0	1000	1.0			0.177	13.0		7.8	9.1	100		0.12	10		16.87	15.08	12.03
27.0	1000	2.0	21.2	0.88	0.166	12.9	9.0	7.7	9.0	100	10.3	0.11	10		16.88	15.07	12.04
27.0	1000	3.0			0.138	12.8		7.6	8.9	99		0.10	9		16.92	15.04	12.07
27.0	1000	4.0			0.090	12.5		7.6	8.9	98		0.12	11		17.19	14.87	12.31
27.0	1000	5.0			0.043	12.2		7.7	8.9	98		0.19	16		17.51	14.71	12.59
27.0	1000	6.0			0.038	12.2		7.7	9.0	99		0.21	17		17.64	14.68	12.69
27.0	1000	7.0			0.056	12.3		7.8	9.0	100		0.27	21		17.68	14.66	12.75
27.0	1000	8.0			0.053	12.3		7.7	9.0	99		0.28	22		17.75	14.61	12.79
27.0	1000	9.0			0.040	12.2		7.7	9.0	99		0.41	30		17.99	14.46	13.00
27.0	1000	10.0			0.046	12.2		7.7	8.9	98		0.86	61		18.13	14.39	13.13
27.0	1000	11.0			0.065	12.3		7.6	8.9	98		1.33	93		18.16	14.38	13.15
27.0	1000	12.0			0.121	12.7		7.7	8.9	98		2.13	147		18.20	14.36	13.18
27.0	1000	13.0	11.4	0.39	0.134	12.7		7.7	9.0	98		3.46	236		18.20	14.35	13.19
26.0	0949	1.0			0.186	13.0		7.9	9.2	101		0.08	8		17.32	14.87	12.41
26.0	0949	2.0			0.164	12.9		7.8	9.1	100		0.07	8		17.33	14.85	12.43
26.0	0949	3.0			0.102	12.6		7.6	8.9	98		0.08	8		17.57	14.68	12.64
26.0	0949	4.0			0.051	12.3		7.7	9.0	98		0.14	12		18.47	14.28	13.41
26.0	0949	5.0			0.035	12.2		7.7	9.0	98		0.34	25		18.49	14.27	13.42
26.0	0949	6.0			0.039	12.2		7.7	9.0	99		0.51	37		18.50	14.27	13.43
26.0	0949	7.0			0.047	12.2		7.7	9.0	98		0.62	45		18.50	14.27	13.43
26.0	0949	8.0			0.059	12.3		7.7	9.0	99		0.73	52		18.52	14.26	13.44
26.0	0949	9.0			0.066	12.4		7.8	9.0	99		0.89	63		18.54	14.25	13.46

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
26.0	0949	10.0			0.062	12.3		7.8	9.0	99	1.07	75		18.54	14.25	13.46
26.0	0949	11.0			0.063	12.3		7.8	9.1	99	1.10	77		18.54	14.25	13.46
25.0	0934	1.0			0.063	12.3		7.8	9.1	100	0.10	9		19.25	13.96	14.06
25.0	0934	2.0			0.055	12.3		7.8	9.0	99	0.09	9		19.34	13.88	14.14
25.0	0934	3.0			0.027	12.1		7.7	9.0	98	0.14	13		19.51	13.77	14.30
25.0	0934	4.0			0.013	12.1		7.6	8.9	97	0.25	20		19.64	13.70	14.41
25.0	0934	5.0			0.013	12.1		7.6	8.9	97	0.44	33		19.68	13.68	14.44
25.0	0934	6.0			0.015	12.1		7.6	8.9	97	0.54	39		19.70	13.67	14.46
25.0	0934	7.0			0.027	12.1		7.6	8.9	97	0.62	45		19.72	13.66	14.48
25.0	0934	8.0			0.053	12.3		7.6	8.9	97	0.79	56		19.76	13.63	14.51
25.0	0934	9.0			0.055	12.3		7.6	8.9	97	1.16	81		19.76	13.64	14.51
24.0	0918	1.0			0.044	12.2		7.4	8.7	95	0.06	7	1.9	19.47	13.85	14.25
24.0	0918	2.0	14.9	0.89	0.025	12.1	9.1	7.3	8.6	93	0.10	10		20.59	13.35	15.20
24.0	0918	3.0			0.031	12.2		7.2	8.6	93	0.71	50		20.79	13.25	15.38
24.0	0918	4.0			0.029	12.1		7.2	8.5	93	0.93	65		20.74	13.27	15.33
24.0	0918	5.0			0.026	12.1		7.2	8.5	93	0.94	66		20.75	13.26	15.34
24.0	0918	6.0			0.048	12.3		7.2	8.5	92	1.02	72		20.85	13.23	15.42
24.0	0918	7.0			0.091	12.5		7.2	8.5	92	1.50	104		20.85	13.23	15.42
24.0	0918	8.0			0.125	12.7		7.2	8.5	92	1.92	133		20.85	13.23	15.42
24.0	0918	9.0			0.146	12.8		7.2	8.5	92	2.11	146		20.85	13.23	15.42
24.0	0918	10.0			0.171	12.9		7.1	8.5	92	2.26	156		20.85	13.23	15.42
24.0	0918	11.0	7.6	0.38	0.172	12.9		7.2	8.5	92	2.63	181		20.85	13.23	15.42
23.0	0901	1.0			0.176	13.0		8.0	9.3	101	0.06	7		19.19	14.07	13.99
23.0	0901	2.0	23.2	0.90	0.147	12.8		7.8	9.1	100	0.05	6		19.36	13.97	14.14
23.0	0901	3.0			0.053	12.3		7.8	9.0	99	0.06	7		19.62	13.84	14.37
23.0	0901	4.0			-0.004	12.0		7.6	8.9	97	0.04	5		19.94	13.68	14.64
23.0	0901	5.0			-0.038	11.8		7.4	8.7	95	0.07	7		20.22	13.57	14.87
23.0	0901	6.0			-0.051	11.7		7.2	8.6	93	0.16	14		20.83	13.30	15.40
23.0	0901	7.0			-0.045	11.7		7.2	8.5	93	0.49	36		21.53	13.04	15.98
23.0	0901	8.0			-0.037	11.8		7.2	8.5	92	0.60	43		21.59	13.03	16.02
23.0	0901	9.0			-0.026	11.8		7.1	8.4	92	0.72	52		21.69	12.98	16.11
23.0	0901	10.0			-0.020	11.9		7.1	8.4	91	0.80	57		21.72	12.96	16.14
23.0	0901	11.0			-0.018	11.9		7.1	8.4	91	0.87	62		21.74	12.95	16.16
23.0	0901	12.0			-0.014	11.9		7.1	8.4	92	0.85	60		21.74	12.95	16.16
23.0	0901	13.0			-0.011	11.9		7.0	8.3	91	0.88	62		21.75	12.95	16.17
23.0	0901	14.0			-0.007	11.9		7.1	8.5	92	1.00	70		21.75	12.95	16.17
23.0	0901	15.0			0.022	12.1		7.2	8.5	93	1.01	71		21.76	12.94	16.17
23.0	0901	16.0			0.031	12.2		7.0	8.3	91	1.22	85		21.76	12.94	16.17

STN	TIME	DEPTH	DISCR CHL a	CHL a/PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	0846	1.0			-.044	11.7	7.4	8.7	94		0.12	11		19.78	13.33	14.58
22.0	0846	2.0			-.047	11.7	7.4	8.7	94		0.12	11		19.78	13.33	14.58
22.0	0846	3.0			-.058	11.7	7.3	8.6	93		0.12	11		19.79	13.32	14.59
22.0	0846	4.0			-.071	11.6	7.3	8.6	94		0.13	11		19.85	13.30	14.64
22.0	0846	5.0			-.077	11.6	7.3	8.6	93		0.14	12		19.93	13.31	14.70
22.0	0846	6.0			-.080	11.5	7.3	8.6	94		0.13	12		20.06	13.34	14.79
22.0	0846	7.0			-.082	11.5	7.3	8.6	94		0.12	11		20.30	13.32	14.98
22.0	0846	8.0			-.074	11.6	7.3	8.6	94		0.10	10		20.50	13.31	15.14
22.0	0846	9.0			-.068	11.6	7.3	8.6	94		0.11	10		20.69	13.29	15.29
22.0	0846	10.0			-.067	11.6	7.3	8.6	93		0.11	10		20.82	13.27	15.39
22.0	0846	11.0			-.063	11.6	7.2	8.6	93		0.10	9		20.92	13.24	15.48
22.0	0846	12.0			-.064	11.6	7.2	8.5	93		0.10	9		20.97	13.23	15.51
22.0	0846	13.0			-.068	11.6	7.1	8.5	92		0.11	10		21.05	13.20	15.58
22.0	0846	14.0			-.061	11.6	7.1	8.4	91		0.15	13		21.33	13.09	15.81
22.0	0846	15.0			-.042	11.8	7.0	8.3	91		0.61	44		21.80	12.92	16.20
22.0	0846	16.0			-.016	11.9	7.0	8.3	90		0.70	50		21.93	12.88	16.32
22.0	0846	17.0			0.005	12.0	6.9	8.2	90		0.89	63		22.13	12.81	16.48
22.0	0846	18.0			0.024	12.1	6.9	8.2	89		1.06	74		22.30	12.75	16.62
22.0	0846	19.0			0.026	12.1	6.9	8.3	90		1.27	88		22.39	12.73	16.70
21.0	0834	1.0			0.104	12.6	7.4	8.7	95		0.07	8		20.15	13.47	14.84
21.0	0834	2.0			0.098	12.5	7.1	8.5	92	8.5	0.08	8		20.16	13.44	14.85
21.0	0834	3.0			0.088	12.5	7.0	8.3	90		0.08	8		21.11	13.06	15.65
21.0	0834	4.0			0.085	12.5	6.9	8.2	89		0.21	17		21.72	12.86	16.16
21.0	0834	5.0			0.089	12.5	6.9	8.2	89		0.30	23		21.99	12.75	16.38
21.0	0834	6.0			0.096	12.5	6.9	8.2	89		0.36	27		22.14	12.72	16.51
21.0	0834	7.0			0.101	12.5	6.8	8.2	89		0.38	29		22.19	12.70	16.55
21.0	0834	8.0			0.106	12.6	6.8	8.2	89		0.42	31		22.27	12.70	16.61
21.0	0834	9.0			0.116	12.6	6.8	8.2	89		0.49	36		22.41	12.69	16.72
21.0	0834	10.0			0.123	12.7	6.8	8.1	88		0.55	40		22.45	12.70	16.75
21.0	0834	11.0			0.123	12.7	6.8	8.1	89		0.56	41		22.47	12.69	16.76
21.0	0834	12.0			0.125	12.7	6.8	8.2	89		0.58	42		22.51	12.69	16.80
21.0	0834	13.0			0.129	12.7	6.9	8.2	89		0.60	43		22.58	12.69	16.85
21.0	0834	14.0			0.132	12.7	6.8	8.2	89		0.69	49		22.58	12.70	16.85
21.0	0834	15.0			0.133	12.7	6.8	8.2	89		0.75	53		22.58	12.70	16.85
21.0	0834	16.0			0.130	12.7	6.9	8.2	89		0.75	54		22.57	12.71	16.83
21.0	0834	17.0			0.130	12.7	6.8	8.1	88		0.77	55		22.54	12.72	16.82

CHL Absorption Meter Calibration:
 OBS Calibration:
 Dissolved Oxygen Calibration:

n	r ²	Slope	Inter.	Std. Err.
11	0.004	5.571	11.985	5.678
5	0.999	67.632	2.717	1.029
5	0.271	0.949	1.685	0.545

South San Francisco Bay

2 May 1995

95122

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0628	1.0			0.235	9.4		7.9	7.3	81		1.72	85		12.18	17.01	8.08
36.0	0628	2.0	3.8	0.35	0.248	9.5	7.0	7.9	7.3	81	98.1	2.00	99		12.25	17.00	8.13
36.0	0628	3.0			0.266	9.6		7.9	7.2	81		2.43	118		12.33	17.00	8.19
36.0	0628	4.0			0.320	10.1		7.9	7.3	81		2.74	133		12.72	16.99	8.49
36.0	0628	5.0			0.389	10.7		7.9	7.2	81		3.24	156		13.00	16.99	8.71
36.0	0628	6.0			0.430	11.1		7.9	7.3	82		4.56	216		13.04	17.00	8.73
36.0	0628	7.0	7.1	0.24	0.428	11.0		7.8	7.2	81		5.46	258		13.16	17.03	8.82
34.0	0644	1.0			0.055	7.8		7.8	7.1	81		1.60	80		13.87	16.97	9.37
34.0	0644	2.0			0.058	7.8		7.8	7.2	81		1.67	84		13.93	16.96	9.42
34.0	0644	3.0			0.048	7.7		7.8	7.2	81		1.74	86		13.94	16.97	9.42
34.0	0644	4.0			0.039	7.6		7.8	7.2	81		1.64	82		13.94	16.96	9.43
34.0	0644	5.0			0.058	7.8		7.8	7.2	81		1.47	74		13.99	16.93	9.47
34.0	0644	6.0			0.099	8.2		7.8	7.2	81		1.87	93		14.20	16.92	9.63
34.0	0644	7.0			0.100	8.2		7.8	7.2	81		2.93	141		14.26	16.92	9.68
32.0	0702	1.0			-.122	6.2		7.9	7.3	82		0.54	31		14.63	16.67	10.01
32.0	0702	2.0	2.8	0.50	-.123	6.2	7.3	7.9	7.2	82	33.7	0.58	33		14.73	16.66	10.09
32.0	0702	3.0			-.107	6.4		7.9	7.3	82		0.70	39		14.84	16.63	10.18
32.0	0702	4.0			-.091	6.5		7.9	7.3	82		1.08	56		14.92	16.61	10.24
32.0	0702	5.0			-.104	6.4		7.9	7.3	82		1.44	73		14.94	16.61	10.27
32.0	0702	6.0			-.105	6.4		7.9	7.3	82		1.61	80		14.96	16.60	10.28
32.0	0702	7.0			-.083	6.6		7.9	7.3	82		1.80	90		14.98	16.60	10.30
32.0	0702	8.0			-.064	6.7		7.9	7.3	83		1.90	94		15.00	16.59	10.31
32.0	0702	9.0			-.047	6.9		7.9	7.3	82		1.99	98		15.02	16.59	10.33
32.0	0702	10.0			-.036	7.0		7.9	7.3	82		2.07	102		15.07	16.58	10.37
32.0	0702	11.0			0.020	7.5		7.9	7.3	82		2.17	106		15.31	16.51	10.56
32.0	0702	12.0	5.5	0.35	0.035	7.6		7.9	7.3	83		2.73	132		15.57	16.45	10.77
30.0	0725	1.0			-.116	6.3		8.1	7.5	85		0.58	33		16.08	16.15	11.22
30.0	0725	2.0	2.4	0.41	-.120	6.3	7.6	8.0	7.4	84	45.0	0.61	34		16.08	16.16	11.22
30.0	0725	3.0			-.119	6.3		8.1	7.5	84		0.62	35		16.60	15.98	11.65
30.0	0725	4.0			-.111	6.3		8.0	7.5	84		0.65	37		16.70	15.93	11.73
30.0	0725	5.0			-.094	6.5		8.1	7.5	84		0.77	42		16.87	15.88	11.88
30.0	0725	6.0			-.082	6.6		8.1	7.5	84		1.01	53		17.02	15.82	12.00
30.0	0725	7.0			-.072	6.7		8.1	7.5	84		1.36	69		17.07	15.80	12.05
30.0	0725	8.0			-.060	6.8		8.1	7.5	84		1.59	80		17.10	15.80	12.07
30.0	0725	9.0			-.055	6.8		8.1	7.5	84		1.71	85		17.14	15.78	12.10
30.0	0725	10.0			-.050	6.9		8.1	7.5	85		1.81	90		17.16	15.77	12.12
30.0	0725	11.0	2.6	0.23	-.049	6.9		8.1	7.5	85		1.94	96		17.18	15.77	12.14
29.0	0745	1.0			-.116	6.3		8.2	7.6	86		0.31	21		17.22	15.90	12.14
29.0	0745	2.0			-.124	6.2		8.2	7.7	86		0.31	21		17.37	15.79	12.28

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0745	3.0			-.129	6.2		8.2	7.7	86		0.31	21		17.42	15.77	12.32
29.0	0745	4.0			-.129	6.2		8.3	7.7	87		0.33	22		17.51	15.73	12.39
29.0	0745	5.0			-.120	6.3		8.3	7.7	87		0.35	23		17.55	15.72	12.43
29.0	0745	6.0			-.114	6.3		8.3	7.7	87		0.37	23		17.62	15.70	12.48
29.0	0745	7.0			-.108	6.4		8.3	7.8	88		0.41	26		17.67	15.68	12.53
29.0	0745	8.0			-.100	6.4		8.4	7.8	88		0.44	27		17.71	15.68	12.56
29.0	0745	9.0			-.094	6.5		8.4	7.8	88		0.49	29		17.77	15.66	12.61
29.0	0745	10.0			-.087	6.5		8.4	7.9	88		0.52	31		17.82	15.65	12.64
29.0	0745	11.0			-.082	6.6		8.4	7.9	89		0.57	33		17.83	15.65	12.65
29.0	0745	12.0			-.081	6.6		8.4	7.9	89		0.61	34		17.84	15.65	12.66
29.0	0745	13.0			-.076	6.6		8.4	7.9	88		0.67	38		17.86	15.65	12.68
29.0	0745	14.0			-.075	6.6		8.5	7.9	89		0.78	42		17.86	15.64	12.68
27.0	0807	1.0			-.098	6.4		8.5	8.0	89		0.54	31		18.25	15.39	13.03
27.0	0807	2.0		0.74	-.100	6.4	8.1	8.5	8.0	90	20.9		32		18.36	15.34	13.12
27.0	0807	3.0			-.095	6.5		8.5	8.0	90		0.59	34		18.37	15.33	13.13
27.0	0807	4.0			-.094	6.5		8.6	8.0	90		0.61	35		18.36	15.34	13.13
27.0	0807	5.0			-.090	6.5		8.6	8.1	90		0.64	36		18.37	15.33	13.13
27.0	0807	6.0			-.084	6.6		8.6	8.0	90		0.71	39		18.41	15.31	13.17
27.0	0807	7.0			-.078	6.6		8.6	8.0	91		0.80	43		18.42	15.31	13.17
27.0	0807	8.0			-.074	6.7		8.6	8.1	91		0.83	45		18.43	15.31	13.18
27.0	0807	9.0			-.071	6.7		8.6	8.1	91		0.77	42		18.42	15.31	13.18
27.0	0807	10.0			-.066	6.7		8.6	8.1	91		0.88	47		18.44	15.30	13.19
27.0	0807	11.0		0.37	-.066	6.7		8.6	8.1	91		0.99	52		18.45	15.30	13.20
25.0	0830	1.0			-.097	6.5		8.8	8.4	94		0.15	13		18.88	15.17	13.56
25.0	0830	2.0			-.102	6.4		8.9	8.4	94		0.18	15		19.28	15.03	13.89
25.0	0830	3.0			-.099	6.4		9.0	8.5	95		0.23	17		19.56	14.93	14.12
25.0	0830	4.0			-.088	6.5		9.0	8.6	96		0.42	26		19.65	14.91	14.19
25.0	0830	5.0			-.077	6.6		9.0	8.6	96		0.52	30		19.67	14.90	14.21
25.0	0830	6.0			-.067	6.7		9.1	8.6	96		0.59	34		19.68	14.90	14.22
25.0	0830	7.0			-.069	6.7		9.1	8.6	97		0.70	39		19.69	14.90	14.23
24.0	0845	1.0			0.070	7.9		9.3	9.0	100		0.26	19		20.19	14.73	14.64
24.0	0845	2.0		0.78	0.090	8.1	8.9	9.4	9.0	101	18.4	0.25	18		20.20	14.74	14.64
24.0	0845	3.0			0.070	7.9		9.4	9.0	101		0.25	18		20.20	14.72	14.65
24.0	0845	4.0			0.005	7.3		9.3	8.9	99		0.26	18		20.21	14.69	14.66
24.0	0845	5.0			-.034	7.0		9.3	8.9	99		0.28	20		20.22	14.67	14.67
24.0	0845	6.0			-.044	6.9		9.3	8.9	99		0.31	21		20.22	14.67	14.68
24.0	0845	7.0			-.045	6.9		9.3	8.8	99		0.34	22		20.23	14.66	14.68
24.0	0845	8.0			-.045	6.9		9.2	8.8	99		0.40	25		20.23	14.65	14.69
24.0	0845	9.0		0.66	-.045	6.9		9.3	8.9	99		0.43	26		20.24	14.64	14.69

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPH	OBS	CALC SPH	EXCOF	SALIN	TEMP	SIGT
22.0	0913	1.0			-117	6.3		9.0	8.6	96		0.12	12		20.21	14.65	14.67
22.0	0913	2.0			-128	6.2		9.1	8.7	97		0.12	12		20.40	14.53	14.84
22.0	0913	3.0			-144	6.0		9.1	8.7	96		0.14	13		20.47	14.48	14.90
22.0	0913	4.0			-148	6.0		9.1	8.6	96		0.12	12		20.53	14.43	14.96
22.0	0913	5.0			-146	6.0		9.0	8.6	96		0.11	12		20.60	14.38	15.02
22.0	0913	6.0			-144	6.0		9.1	8.6	96		0.14	13		20.66	14.35	15.07
22.0	0913	7.0			-140	6.1		9.0	8.6	95		0.15	13		20.69	14.32	15.10
22.0	0913	8.0			-136	6.1		9.0	8.5	95		0.16	14		20.76	14.27	15.17
22.0	0913	9.0			-131	6.2		9.0	8.5	95		0.17	15		20.85	14.23	15.24
22.0	0913	10.0			-125	6.2		9.0	8.5	95		0.18	15		20.97	14.18	15.35
22.0	0913	11.0			-121	6.2		9.0	8.5	95		0.17	15		21.07	14.13	15.43
22.0	0913	12.0			-118	6.3		9.0	8.5	95		0.19	15		21.11	14.11	15.47
22.0	0913	13.0			-113	6.3		8.9	8.4	93		0.21	16		21.18	14.06	15.53
22.0	0913	14.0			-105	6.4		8.8	8.4	93		0.16	14		21.39	13.96	15.71
22.0	0913	15.0			-092	6.5		8.7	8.3	92		0.17	14		21.66	13.85	15.93
22.0	0913	16.0			-081	6.6		8.6	8.1	90		0.20	16		22.07	13.69	16.28
22.0	0913	17.0			-067	6.7		8.6	8.1	90		0.28	20		22.79	13.42	16.89
22.0	0913	18.0			-065	6.7		8.7	8.3	91		0.59	34		23.37	13.25	17.36
20.0	0948	1.0			-075	6.6		9.2	8.7	95		0.32	21		15.22	14.61	10.85
20.0	0948	2.0			-088	6.5		9.1	8.7	95		0.32	22		15.52	14.59	11.09
20.0	0948	3.0			-099	6.4		9.0	8.6	94		0.31	21		16.94	14.45	12.20
20.0	0948	4.0			-105	6.4		9.0	8.6	94		0.28	19		18.70	14.31	13.58
20.0	0948	5.0			-107	6.4		9.0	8.6	95		0.22	17		18.95	14.31	13.77
20.0	0948	6.0			-106	6.4		9.0	8.6	95		0.20	16		19.46	14.30	14.16
20.0	0948	7.0			-107	6.4		9.0	8.5	94		0.17	14		19.85	14.29	14.46
20.0	0948	8.0			-112	6.3		9.0	8.5	94		0.13	13		20.31	14.25	14.82
20.0	0948	9.0			-115	6.3		9.0	8.5	94		0.11	12		20.55	14.24	15.01
20.0	0948	10.0			-116	6.3		8.9	8.5	94		0.12	12		20.68	14.23	15.11
20.0	0948	11.0			-116	6.3		8.9	8.5	94		0.10	11		20.88	14.19	15.27
20.0	0948	12.0			-121	6.2		8.9	8.4	94		0.11	12		21.10	14.17	15.44
20.0	0948	13.0			-125	6.2		8.9	8.4	94		0.11	12		21.35	14.11	15.65
20.0	0948	14.0			-126	6.2		8.9	8.4	93		0.11	12		21.54	14.07	15.80
20.0	0948	15.0			-132	6.1		8.8	8.4	93		0.11	12		21.66	14.02	15.90
20.0	0948	16.0			-138	6.1		8.9	8.4	94		0.10	11		21.75	13.97	15.98
20.0	0948	17.0			-134	6.1		8.9	8.4	93		0.11	12		21.80	13.96	16.02
20.0	0948	18.0			-126	6.2		8.9	8.4	93		0.10	11		21.85	13.93	16.07
20.0	0948	19.0			-122	6.2		8.8	8.3	92		0.11	12		21.99	13.85	16.19
20.0	0948	20.0			-124	6.2		8.8	8.3	92		0.12	12		22.13	13.76	16.31
20.0	0948	21.0			-128	6.2		8.7	8.3	91		0.13	13		22.25	13.64	16.43
20.0	0948	22.0			-132	6.1		8.8	8.3	92		0.14	13		22.39	13.54	16.55
20.0	0948	23.0			-135	6.1		8.8	8.3	92		0.17	14		22.42	13.53	16.58
20.0	0948	24.0			-132	6.1		8.7	8.2	90		0.19	15		22.46	13.50	16.61

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STN	TIME	DEPTH	DISCR	CHL a/	CHL	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	ABS	CHL a	CHL a	OXYG	OXYG	OXYG	SAT	SPM	SPM	SPM				
20.0	0948	25.0		-0.124	6.2	6.2	8.6	8.1	90			0.23	17		23.08	13.32	17.12
20.0	0948	26.0		-0.107	6.4	6.4	8.7	8.2	91			0.41	25		23.69	13.17	17.62
20.0	0948	27.0		-0.105	6.4	6.4	8.7	8.2	91			0.56	33		23.77	13.15	17.68

n	r ²	Slope	Inter.	Std. Err.
10	0.033	8.723	7.300	8.985
5	0.946	45.964	6.642	8.683
5	0.949	1.155	-1.839	0.198

CHL Absorption Meter Calibration:
 OBS Calibration:
 Dissolved Oxygen Calibration:

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	CALC % OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	STGT
657.0	1658	1.0			0.188	7.0						27	2.1	0.08	14.43	0.00
657.0	1658	2.0	2.6	0.71	0.186	7.0				27.5		28		0.08	14.47	0.00
657.0	1658	3.0			0.184	6.9						27		0.08	14.48	0.00
657.0	1658	4.0			0.184	6.9						28		0.08	14.45	0.00
657.0	1658	5.0			0.183	6.9						27		0.08	14.31	0.00
657.0	1658	6.0			0.184	6.9						28		0.07	14.06	0.00
657.0	1658	7.0			0.184	6.9						30		0.07	13.99	0.00
657.0	1658	8.0			0.181	6.8						30		0.06	13.98	0.00
657.0	1658	9.0			0.169	6.4						32		0.07	13.97	0.00
657.0	1658	10.0	1.9	0.36	0.166	6.3						33		0.14	13.98	0.00
649.0	1602	1.0			0.162	6.2						30		0.06	13.78	0.00
649.0	1602	2.0	2.1	0.75	0.161	6.2						29		0.07	13.75	0.00
649.0	1602	3.0			0.162	6.2						31		0.06	13.70	0.00
649.0	1602	4.0			0.162	6.2						30		0.05	13.70	0.00
649.0	1602	5.0			0.161	6.2						33		0.05	13.71	0.00
649.0	1602	6.0			0.159	6.1						31		0.06	13.66	0.00
649.0	1602	7.0			0.159	6.1						31		0.06	13.63	0.00
649.0	1602	8.0			0.158	6.1						32		0.05	13.63	0.00
649.0	1602	9.0			0.155	6.0						30		0.05	13.63	0.00
649.0	1602	10.0			0.151	5.9						32		0.05	13.58	0.00
649.0	1602	11.0	2.1	0.55	0.151	5.9						30		0.06	13.53	0.00
2.0	1535	1.0			0.181	6.8						18	1.7	0.10	16.55	0.00
2.0	1535	2.0			0.181	6.8						19		0.10	16.61	0.00
2.0	1535	3.0			0.180	6.8						18		0.11	16.49	0.00
2.0	1535	4.0			0.178	6.7						18		0.10	16.31	0.00
2.0	1535	5.0			0.180	6.8						19		0.10	16.02	0.00
2.0	1535	6.0			0.178	6.7						21		0.10	15.37	0.00
2.0	1535	7.0			0.177	6.7						22		0.08	14.72	0.00
2.0	1535	8.0			0.183	6.9						25		0.08	14.51	0.00
2.0	1535	9.0			0.182	6.8						28		0.08	14.38	0.00
2.0	1535	10.0			0.177	6.7						30		0.06	14.30	0.00
2.0	1535	11.0			0.177	6.7						30		0.07	14.26	0.00
3.0	1520	1.0			0.189	7.0						16	1.7	0.11	16.83	0.00
3.0	1520	2.0	2.3	0.68	0.190	7.1				16.4		17		0.10	16.82	0.00
3.0	1520	3.0			0.190	7.1						18		0.10	16.84	0.00
3.0	1520	4.0			0.187	7.0						17		0.11	16.67	0.00
3.0	1520	5.0			0.183	6.9						18		0.11	16.43	0.00
3.0	1520	6.0			0.181	6.8						19		0.10	16.07	0.00
3.0	1520	7.0			0.182	6.8						21		0.09	15.78	0.00
3.0	1520	8.0			0.185	6.9						24		0.09	15.34	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1520	9.0			0.189	7.0					0.40	27		0.09	15.03	0.00
3.0	1520	10.0			0.191	7.1					0.41	28		0.09	14.93	0.00
3.0	1520	11.0	2.9	0.73	0.191	7.1					0.48	32		0.05	14.55	0.00
4.0	1501	1.0			0.183	6.9					0.29	20		0.11	16.59	0.00
4.0	1501	2.0			0.184	6.9					0.31	21		0.12	16.52	0.00
4.0	1501	3.0			0.190	7.1					0.31	22		0.12	16.52	0.00
4.0	1501	4.0			0.188	7.0					0.31	21		0.11	16.34	0.00
4.0	1501	5.0			0.183	6.9					0.32	22		0.10	16.25	0.00
4.0	1501	6.0			0.188	7.0					0.34	23		0.10	16.14	0.00
4.0	1501	7.0			0.190	7.1					0.37	25		0.13	15.82	0.00
4.0	1501	8.0			0.187	7.0					0.37	25		0.09	15.75	0.00
4.0	1501	9.0			0.188	7.0					0.37	25		0.12	15.50	0.00
4.0	1501	10.0			0.193	7.2					0.41	27		0.09	15.39	0.00
4.0	1501	11.0			0.196	7.3					0.46	31		0.08	15.34	0.00
4.0	1501	12.0			0.194	7.2					0.45	30		0.09	15.30	0.00
4.0	1501	13.0			0.192	7.1					0.45	30		0.09	15.27	0.00
4.0	1501	14.0			0.192	7.2					0.45	30		0.10	15.21	0.00
4.0	1501	15.0			0.193	7.2					0.49	33		0.09	15.17	0.00
5.0	1443	1.0			0.190	7.1					0.31	21	1.6	0.11	16.46	0.00
5.0	1443	2.0			0.190	7.1					0.32	22		0.10	16.34	0.00
5.0	1443	3.0			0.190	7.1					0.34	23		0.12	16.22	0.00
5.0	1443	4.0			0.188	7.0					0.35	24		0.10	16.09	0.00
5.0	1443	5.0			0.185	6.9					0.39	26		0.11	16.07	0.00
5.0	1443	6.0			0.185	6.9					0.36	25		0.10	16.02	0.00
5.0	1443	7.0			0.184	6.9					0.39	26		0.12	15.96	0.00
5.0	1443	8.0			0.186	7.0					0.41	27		0.10	15.90	0.00
5.0	1443	9.0			0.190	7.1					0.42	28		0.09	15.85	0.00
5.0	1443	10.0			0.193	7.2					0.42	28		0.10	15.82	0.00
5.0	1443	11.0			0.190	7.1					0.43	29		0.09	15.80	0.00
5.0	1443	12.0			0.188	7.0					0.46	30		0.08	15.81	0.00
6.0	1423	1.0			0.189	7.1					0.33	23		0.10	15.94	0.00
6.0	1423	2.0			0.190	7.1				19.8	0.27	19		0.13	15.87	0.00
6.0	1423	3.0	2.6	0.71	0.193	7.2					0.31	21		0.10	15.65	0.00
6.0	1423	4.0			0.199	7.3					0.30	21		0.10	15.60	0.00
6.0	1423	5.0			0.198	7.3					0.32	22		0.11	15.57	0.00
6.0	1423	6.0			0.194	7.2					0.33	23		0.10	15.52	0.00
6.0	1423	7.0			0.195	7.2					0.32	22		0.11	15.50	0.00
6.0	1423	8.0			0.196	7.2					0.35	24		0.11	15.49	0.00
6.0	1423	9.0			0.192	7.1					0.33	22		0.10	15.47	0.00
6.0	1423	10.0			0.188	7.0					0.35	24		0.09	15.44	0.00

STN	TIME	DEPTH	DISCR	CHL a/	CHL	CALC	DISCR	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	ABS	CHL a	OXYG	OXYG	OXYG	SAT	SPM		SPM				
6.0	1423	11.0	2.8	0.63	0.189	7.1					0.36	24		0.10	15.44	0.00
7.0	1400	1.0			0.193	7.2					0.31	21	1.9	0.13	16.29	0.00
7.0	1400	2.0			0.194	7.2					0.30	21		0.11	16.16	0.00
7.0	1400	3.0			0.189	7.1					0.33	22		0.11	16.16	0.00
7.0	1400	4.0			0.189	7.0					0.33	23		0.11	16.06	0.00
7.0	1400	5.0			0.194	7.2					0.33	23		0.11	16.05	0.00
7.0	1400	6.0			0.196	7.3					0.33	23		0.10	16.04	0.00
7.0	1400	7.0			0.197	7.3					0.36	24		0.13	16.04	0.00
7.0	1400	8.0			0.195	7.2					0.35	24		0.11	16.03	0.00
7.0	1400	9.0			0.193	7.2					0.35	24		0.10	16.02	0.00
7.0	1400	10.0			0.192	7.1					0.36	24		0.10	16.02	0.00
7.0	1400	11.0			0.193	7.2					0.37	25		0.10	16.01	0.00
7.0	1400	12.0			0.195	7.2					0.37	25		0.10	16.01	0.00
7.0	1400	13.0			0.198	7.3					0.38	25		0.11	16.01	0.00
7.0	1400	14.0			0.199	7.3					0.36	24		0.09	16.01	0.00
8.0	1333	1.0			0.205	7.5					0.49	32	2.7	0.10	16.69	0.00
8.0	1333	2.0			0.201	7.4					0.46	31		0.12	16.42	0.00
8.0	1333	3.0			0.195	7.2					0.47	31		0.11	16.26	0.00
8.0	1333	4.0			0.193	7.2					0.44	29		0.11	16.21	0.00
8.0	1333	5.0			0.195	7.2					0.44	29		0.11	16.20	0.00
8.0	1333	6.0			0.195	7.2					0.45	30		0.11	16.20	0.00
8.0	1333	7.0			0.192	7.1					0.44	30		0.11	16.20	0.00
8.0	1333	8.0			0.193	7.2					0.44	29		0.10	16.19	0.00
8.0	1333	9.0			0.193	7.2					0.43	29		0.10	16.18	0.00
8.0	1333	10.0			0.195	7.2					0.44	29		0.10	16.18	0.00
8.0	1333	11.0			0.200	7.4					0.44	29		0.11	16.18	0.00
8.0	1333	12.0			0.202	7.4					0.44	29		0.10	16.18	0.00
8.0	1333	13.0			0.205	7.5					0.46	30		0.11	16.19	0.00
8.0	1333	14.0			0.206	7.6					0.47	31		0.10	16.19	0.00
8.0	1333	15.0			0.191	7.1					0.48	32		0.10	16.18	0.00
8.0	1333	16.0			0.188	7.0					0.41	28		0.08	16.18	0.00
9.0	1314	1.0			0.215	7.8					0.64	41	2.9	0.12	16.41	0.00
9.0	1314	2.0	3.0	0.64	0.213	7.8				38.1	0.60	39		0.12	16.32	0.00
9.0	1314	3.0			0.213	7.8					0.63	41		0.12	16.33	0.00
9.0	1314	4.0			0.213	7.8					0.63	41		0.12	16.34	0.00
9.0	1314	5.0			0.211	7.7					0.64	42		0.12	16.29	0.00
9.0	1314	6.0			0.215	7.8					0.63	41		0.11	16.29	0.00
9.0	1314	7.0			0.216	7.9					0.66	43		0.11	16.28	0.00
9.0	1314	8.0			0.215	7.8					0.69	45		0.11	16.28	0.00
9.0	1314	9.0			0.220	8.0					0.74	47		0.12	16.28	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1314	10.0			0.222	8.0						0.84	54		0.12	16.28	0.00
9.0	1314	11.0			0.221	8.0						0.85	54		0.12	16.28	0.00
9.0	1314	12.0			0.227	8.2						0.90	58		0.12	16.28	0.00
9.0	1314	13.0			0.230	8.3						0.92	59		0.11	16.28	0.00
9.0	1314	14.0			0.227	8.2						0.96	61		0.12	16.28	0.00
9.0	1314	15.0			0.230	8.3						0.95	61		0.12	16.28	0.00
9.0	1314	16.0			0.233	8.4						0.96	61		0.12	16.28	0.00
9.0	1314	17.0			0.231	8.3						0.95	60		0.12	16.28	0.00
9.0	1314	18.0			0.229	8.3						0.96	61		0.12	16.28	0.00
9.0	1314	19.0			0.224	8.1						0.96	61		0.12	16.29	0.00
9.0	1314	20.0			0.219	8.0						1.00	63		0.12	16.30	0.00
9.0	1314	21.0			0.220	8.0						0.99	63		0.12	16.29	0.00
9.0	1314	22.0			0.222	8.1						0.98	62		0.12	16.29	0.00
9.0	1314	23.0			0.221	8.0						0.99	63		0.12	16.28	0.00
9.0	1314	24.0			0.214	7.8						0.94	60		0.13	16.28	0.00
9.0	1314	25.0			0.215	7.8						0.96	61		0.11	16.28	0.00
9.0	1314	26.0			0.221	8.0						0.96	61		0.12	16.28	0.00
9.0	1314	27.0			0.219	8.0						0.95	61		0.11	16.28	0.00
9.0	1314	28.0			0.216	7.9						0.94	60		0.12	16.28	0.00
9.0	1314	29.0			0.215	7.8						0.96	61		0.12	16.28	0.00
9.0	1314	30.0			0.220	8.0						0.96	61		0.11	16.28	0.00
9.0	1314	31.0			0.224	8.1						0.95	61		0.11	16.28	0.00
9.0	1314	32.0			0.223	8.1						0.96	61		0.11	16.28	0.00
9.0	1314	33.0			0.217	7.9						0.96	61		0.11	16.28	0.00
9.0	1314	34.0	5.7	0.54	0.215	7.8						0.98	62		0.11	16.29	0.00
10.0	1303	1.0			0.222	8.1						0.70	45	3.4	0.12	16.50	0.00
10.0	1303	2.0			0.223	8.1						0.67	44		0.12	16.44	0.00
10.0	1303	3.0			0.223	8.1						0.68	44		0.13	16.34	0.00
10.0	1303	4.0			0.228	8.2						0.73	47		0.12	16.31	0.00
10.0	1303	5.0			0.230	8.3						0.83	53		0.12	16.31	0.00
10.0	1303	6.0			0.234	8.4						0.89	57		0.12	16.31	0.00
10.0	1303	7.0			0.243	8.7						0.94	60		0.12	16.31	0.00
10.0	1303	8.0			0.247	8.8						0.97	62		0.12	16.31	0.00
10.0	1303	9.0			0.251	8.9						1.02	65		0.12	16.31	0.00
10.0	1303	10.0			0.253	9.0						1.04	66		0.13	16.31	0.00
10.0	1303	11.0			0.248	8.8						1.09	69		0.12	16.31	0.00
10.0	1303	12.0			0.244	8.7						1.09	69		0.12	16.31	0.00
10.0	1303	13.0			0.242	8.7						1.10	70		0.13	16.31	0.00
10.0	1303	14.0			0.242	8.7						1.12	71		0.13	16.31	0.00
10.0	1303	15.0			0.236	8.5						1.13	72		0.12	16.31	0.00
10.0	1303	16.0			0.233	8.4						1.13	72		0.12	16.31	0.00
10.0	1303	17.0			0.239	8.6						1.13	72		0.12	16.31	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
10.0	1303	18.0			0.240	8.6						1.14	72		0.12	16.31	0.00
10.0	1303	19.0			0.237	8.5						1.16	73		0.12	16.31	0.00
11.0	1242	1.0			0.243	8.7						1.15	73	5.1	0.20	16.48	0.00
11.0	1242	2.0			0.243	8.7						1.17	74		0.20	16.23	0.00
11.0	1242	3.0			0.244	8.7						1.24	79		0.21	16.24	0.00
11.0	1242	4.0			0.242	8.7						1.27	80		0.22	16.22	0.00
11.0	1242	5.0			0.240	8.6						1.27	80		0.23	16.22	0.00
11.0	1242	6.0			0.245	8.8						1.38	87		0.23	16.21	0.00
11.0	1242	7.0			0.249	8.9						1.42	90		0.23	16.21	0.00
11.0	1242	8.0			0.242	8.7						1.43	90		0.24	16.20	0.00
11.0	1242	9.0			0.219	8.0						1.50	94		0.29	16.18	0.00
11.0	1242	10.0			0.189	7.1						1.55	98		0.41	16.14	0.00
11.0	1242	11.0			0.170	6.5						1.56	98		0.61	16.04	0.00
11.0	1242	12.0			0.171	6.5						1.60	101		0.78	16.00	0.00
12.5	1212	1.0			0.120	4.9		9.3	8.9	91		1.27	81	4.9	1.98	16.07	0.46
12.5	1212	2.0			0.115	4.8	8.8	9.2	8.8	90	80.4	1.27	80		2.08	16.03	0.54
12.5	1212	3.0	16.5	0.64	0.122	5.0		9.1	8.6	88		1.29	82		2.29	15.95	0.72
12.5	1212	4.0			0.144	5.7		9.0	8.4	87		1.33	84		3.20	15.70	1.46
12.5	1212	5.0			0.175	6.6		9.0	8.4	87		1.44	91		4.58	15.46	2.55
12.5	1212	6.0			0.212	7.7		8.9	8.3	86		1.56	98		6.03	15.30	3.69
12.5	1212	7.0			0.248	8.8		8.8	8.2	85		1.97	123		6.77	15.18	4.28
12.5	1212	8.0	18.7	0.62	0.248	8.8		8.9	8.3	87		2.90	181		8.79	14.94	5.87
14.0	1142	1.0			0.195	7.2		8.9	8.3	87		0.92	59	4.1	6.82	15.66	4.23
14.0	1142	2.0			0.192	7.1		8.8	8.2	86		0.91	58		9.06	15.01	6.06
14.0	1142	3.0			0.187	7.0		8.8	8.2	86		1.06	67		10.05	14.86	6.85
14.0	1142	4.0			0.188	7.0		8.8	8.2	87		1.15	73		10.70	14.78	7.36
14.0	1142	5.0			0.202	7.4		8.8	8.2	87		1.32	83		11.08	14.74	7.66
14.0	1142	6.0			0.215	7.8		8.8	8.1	86		1.48	93		11.62	14.68	8.08
14.0	1142	7.0			0.224	8.1		8.6	8.0	85		1.64	103		12.64	14.56	8.88
14.0	1142	8.0			0.197	7.3		8.5	7.9	84		1.80	113		14.37	14.30	10.25
14.0	1142	9.0			0.158	6.1		8.5	7.8	84		1.76	110		16.05	14.06	11.58
14.0	1142	10.0			0.142	5.6		8.5	7.9	85		1.89	118		17.11	13.94	12.42
14.0	1142	11.0			0.152	5.9		8.6	7.9	85		1.91	120		17.58	13.82	12.81
14.0	1142	12.0			0.235	8.4		8.6	7.9	85		1.93	121		18.63	13.63	13.64
14.0	1142	13.0			0.249	8.9		8.5	7.8	85		2.29	143		19.44	13.59	14.27
15.0	1120	1.0			0.244	8.7		9.4	9.0	95		0.87	55		7.35	15.68	4.64
15.0	1120	2.0	17.5	0.81	0.239	8.6	8.9	9.4	8.9	94		0.87	56		7.42	15.58	4.71
15.0	1120	3.0			0.228	8.2		9.3	8.8	93		0.90	58		7.51	15.53	4.78
15.0	1120	4.0			0.223	8.1		9.1	8.6	90		0.92	58		7.71	15.42	4.96

STN	TIME	DEPTH	DISSC CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISSC OXYG	OXYG	CALC OXYG	% OXY SAT	DISSC SPH	OBS SPH	CALC SPH	EXCOF	SALIN	TEMP	SIGT
15.0	1120	5.0			0.242	8.7		9.0	8.4	88		0.94	60		8.34	15.16	5.48
15.0	1120	6.0			0.277	9.7		9.0	8.4	89		1.07	68		10.16	14.91	6.92
15.0	1120	7.0			0.291	10.2		8.8	8.2	87		1.51	95		10.92	14.81	7.52
15.0	1120	8.0			0.279	9.8		8.8	8.2	88		2.16	135		11.99	14.66	8.37
15.0	1120	9.0			0.289	10.1		8.7	8.1	86		2.54	158		12.73	14.57	8.95
15.0	1120	10.0			0.323	11.1		8.7	8.0	85		3.07	191		13.95	14.42	9.91
15.0	1120	11.0			0.354	12.1		8.6	8.0	86		4.14	257		15.43	14.21	11.08
15.0	1120	12.0			0.366	12.4		8.7	8.0	87		4.69	291		16.55	14.06	11.97
15.0	1120	13.0			0.355	12.1		8.7	8.0	87		4.61	285		17.03	13.99	12.35
15.0	1120	14.0			0.321	11.1		8.7	8.0	87		4.09	253		17.45	13.93	12.69
15.0	1120	15.0			0.252	9.0		8.6	8.0	86		3.17	197		18.02	13.84	13.14
15.0	1120	16.0			0.193	7.2		8.6	8.0	87		1.90	119		19.26	13.64	14.12
15.0	1120	17.0			0.211	7.7		8.7	8.0	87		2.12	132		20.00	13.53	14.72
15.0	1120	18.0			0.283	9.9		8.6	7.9	86		3.04	189		20.59	13.46	15.18
15.0	1120	19.0			0.414	13.9		8.6	7.9	87		4.46	276		21.41	13.30	15.84
15.0	1120	20.0			0.566	18.5		8.6	8.0	87		6.39	395		22.12	13.22	16.41
15.0	1120	21.0			0.682	22.1		8.7	8.0	88		7.51	463		22.29	13.20	16.53
15.0	1120	22.0			0.777	25.0		8.7	8.1	89		8.15	503		22.31	13.20	16.55
15.0	1120	23.0	27.9	0.38	0.771	24.8		8.7	8.1	89		8.20	506		22.31	13.20	16.55
16.0	1052	1.0			0.062	3.2		9.3	8.8	93		0.73	47	3.3	8.23	15.45	5.35
16.0	1052	2.0			0.057	3.0		9.3	8.8	93		0.76	49		8.41	15.41	5.50
16.0	1052	3.0			0.046	2.7		9.3	8.8	93		0.78	50		8.64	15.38	5.67
16.0	1052	4.0			0.041	2.5		9.2	8.8	93		0.79	51		8.74	15.36	5.76
16.0	1052	5.0			0.036	2.4		9.2	8.8	93		0.81	52		9.20	15.32	6.12
16.0	1052	6.0			0.030	2.2		9.2	8.7	92		0.83	53		9.61	15.27	6.44
16.0	1052	7.0			0.026	2.1		9.0	8.4	90		0.89	57		11.19	15.14	7.67
16.0	1052	8.0			0.034	2.3		8.7	8.1	87		1.11	71		12.95	14.86	9.07
16.0	1052	9.0			0.047	2.7		8.7	8.1	87		1.57	99		15.82	14.32	11.37
16.0	1052	10.0			0.034	2.3		8.5	7.8	84		1.23	78		17.31	14.06	12.55
16.0	1052	11.0			0.016	1.8		8.6	7.9	87		0.98	62		20.70	13.51	15.26
16.0	1052	12.0			0.028	2.1		8.6	8.0	87		1.15	73		21.33	13.41	15.76
16.0	1052	13.0			0.073	3.5		8.7	8.1	89		1.72	108		21.73	13.35	16.08
16.0	1052	14.0			0.129	5.2		8.7	8.0	88		2.23	140		22.10	13.27	16.38
16.0	1052	15.0			0.127	5.2		8.7	8.1	89		2.82	176		22.63	13.17	16.81
17.0	1032	1.0			-.003	1.2		9.3	8.8	94		0.43	28	2.5	10.80	15.19	7.37
17.0	1032	2.0			-.018	0.8		9.3	8.8	94		0.44	30		10.89	15.08	7.45
17.0	1032	3.0			-.029	0.4		9.1	8.5	91		0.48	31		11.36	15.00	7.82
17.0	1032	4.0			-.038	0.1		8.6	7.9	84		0.49	32		13.04	14.73	9.16
17.0	1032	5.0			-.042	0.0		8.7	8.0	88		0.51	33		18.76	13.85	13.71
17.0	1032	6.0			-.040	0.1		8.8	8.2	90		0.51	34		19.88	13.66	14.60
17.0	1032	7.0			-.037	0.2		8.8	8.2	89		0.53	35		19.84	13.66	14.57

STN	TIME	DEPTH	DISCR CHL a	CHL a/PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPH	OBS SPH	CALC SPH	EXCOF	SALIN	TEMP	SIGT
17.0	1032	8.0			-.037	0.2		8.8	8.2	89		0.54	35		20.02	13.61	14.71
17.0	1032	9.0			-.041	0.0		8.7	8.1	88		0.57	38		20.18	13.59	14.84
17.0	1032	10.0			-.042	0.0		8.7	8.1	89		0.60	39		21.16	13.41	15.63
17.0	1032	11.0			-.040	0.1		8.7	8.0	88		0.61	40		21.99	13.30	16.28
17.0	1032	12.0			-.024	0.6		8.7	8.1	88		0.58	38		22.50	13.20	16.70
17.0	1032	13.0			-.019	0.7		8.7	8.1	90		0.80	51		23.88	13.00	17.80
18.0	1009	1.0			-.116	-2.2		9.2	8.7	95		0.23	16		19.98	14.01	14.61
18.0	1009	2.0	4.1	0.65	-.116	-2.2	8.7	9.2	8.7	96	16.8	0.22	16		20.00	14.00	14.63
18.0	1009	3.0			-.114	-2.2		9.2	8.8	96		0.22	16		19.89	14.05	14.53
18.0	1009	4.0			-.108	-2.0		9.2	8.7	96		0.21	15		19.83	14.08	14.48
18.0	1009	5.0			-.103	-1.8		9.1	8.6	95		0.22	16		19.95	14.03	14.59
18.0	1009	6.0			-.102	-1.8		9.1	8.6	95		0.21	15		20.26	13.91	14.85
18.0	1009	7.0			-.102	-1.8		9.1	8.6	95		0.22	16		20.47	13.85	15.02
18.0	1009	8.0			-.101	-1.8		9.1	8.5	94		0.23	16		20.50	13.84	15.04
18.0	1009	9.0			-.095	-1.6		9.0	8.5	93		0.23	16		20.70	13.78	15.21
18.0	1009	10.0			-.091	-1.5		9.0	8.5	93		0.23	17		21.14	13.64	15.57
18.0	1009	11.0			-.090	-1.4		9.0	8.5	93		0.26	18		21.36	13.58	15.76
18.0	1009	12.0			-.089	-1.4		9.0	8.5	94		0.29	20		21.70	13.52	16.02
18.0	1009	13.0			-.089	-1.4		9.1	8.6	94		0.29	20		21.85	13.49	16.14
18.0	1009	14.0			-.089	-1.4		9.0	8.5	94		0.31	21		21.94	13.48	16.21
18.0	1009	15.0			-.096	-1.6		9.0	8.5	94		0.31	22		22.01	13.47	16.27
18.0	1009	16.0			-.097	-1.6		9.1	8.6	94		0.31	21		22.16	13.46	16.39
18.0	1009	17.0			-.088	-1.4		9.1	8.6	95		0.30	21		22.29	13.44	16.49
18.0	1009	18.0			-.084	-1.3		9.1	8.5	94		0.29	20		22.42	13.43	16.60
18.0	1009	19.0			-.086	-1.3		9.1	8.6	95		0.28	20		22.55	13.40	16.70
18.0	1009	20.0			-.083	-1.2		9.1	8.6	95		0.27	19		22.68	13.38	16.81
18.0	1009	21.0			-.076	-1.0		9.1	8.6	95		0.27	19		22.87	13.33	16.96
18.0	1009	22.0			-.076	-1.0		9.0	8.5	94		0.27	19		23.00	13.32	17.06
18.0	1009	23.0			-.069	-0.8		9.0	8.5	93		0.28	19		23.34	13.21	17.34
18.0	1009	24.0			-.051	-0.3		9.0	8.5	94		0.38	26		23.73	13.10	17.66
18.0	1009	25.0			-.038	0.1		9.1	8.5	94		0.47	31		23.90	13.07	17.80
18.0	1009	26.0			-.020	0.7		9.1	8.5	94		0.51	34		24.04	13.04	17.92
18.0	1009	27.0			-.009	1.0		9.1	8.6	95		0.52	34		24.09	13.03	17.96
18.0	1009	28.0			-.003	1.2		9.1	8.6	95		0.54	35		24.09	13.03	17.96
18.0	1009	29.0			-.005	1.2		9.1	8.6	95		0.55	36		24.10	13.03	17.96
18.0	1009	30.0			-.023	0.6		9.1	8.6	95		0.54	36		24.11	13.03	17.97
18.0	1009	31.0			-.026	0.5		9.1	8.6	95		0.54	36		24.16	13.02	18.01
18.0	1009	32.0			-.035	0.2		9.2	8.7	96		0.53	35		24.28	13.00	18.10
18.0	1009	33.0			-.043	-0.0		9.1	8.6	95		0.55	36		24.35	12.98	18.16
18.0	1009	34.0			-.025	0.5		9.1	8.6	95		0.56	37		24.37	12.98	18.18
18.0	1009	35.0			-.012	0.9		9.1	8.6	95		0.57	37		24.51	12.96	18.29
18.0	1009	36.0			-.010	1.0		9.1	8.6	95		0.53	35		24.64	12.94	18.39

North San Francisco Bay

2 May 1995

95122

STN	TIME	DEPTH	DISCR CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	OXYG	CALC % OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1009	37.0		-0.11	1.0		9.1	8.6	95		0.48	32		24.91	12.89	18.61
18.0	1009	38.0		-0.20	0.7		9.1	8.6	96		0.39	26		25.10	12.86	18.76
18.0	1009	39.0		-0.37	0.2		9.1	8.6	96		0.33	22		25.14	12.85	18.80
18.0	1009	40.0		-0.49	-0.2		9.1	8.6	96		0.32	22		25.17	12.84	18.82
18.0	1009	41.0		-0.22	0.6		9.1	8.6	96		0.33	23		25.34	12.81	18.96
18.0	1009	42.0		0.029	2.2		9.1	8.6	96		0.52	34		25.57	12.77	19.15
18.0	1009	43.0	3.5	0.54	2.1		9.1	8.6	96		0.85	54		25.61	12.76	19.18

	n	r ²	Slope	Inter.	Std. Err.
CHL Absorption Meter Calibration:	16	0.447	30.441	1.292	6.221
OBS Calibration:	6	0.999	61.414	2.265	0.954
Dissolved Oxygen Calibration:	3	0.958	1.330	-3.513	0.032

SeaBird v4.026

South San Francisco Bay

9 May 1995

95129

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1002	1.0			0.073	6.2	8.4	8.1	90		0.40	26		14.24	16.28	9.79
36.0	1002	2.0	3.9	0.78	0.068	6.1	7.8	8.4	90	26.9	0.40	27		14.68	16.30	10.12
36.0	1002	3.0			0.062	5.9	8.4	8.1	90		0.42	28		14.88	16.33	10.27
36.0	1002	4.0			0.060	5.9	8.4	8.1	90		0.48	31		14.92	16.34	10.30
36.0	1002	5.0			0.065	6.0	8.4	8.1	90		0.52	33		14.92	16.34	10.30
36.0	1002	6.0			0.068	6.1	8.4	8.1	91		0.56	36		14.94	16.35	10.31
36.0	1002	7.0	1.7	0.55	0.068	6.1	8.4	8.0	90		0.65	41		15.04	16.39	10.38
35.0	1013	1.0			-0.053	2.5	8.5	8.2	91		0.41	27		14.42	16.16	9.95
35.0	1013	2.0			-0.058	2.4	8.5	8.2	91		0.42	28		14.61	16.23	10.08
35.0	1013	3.0			-0.067	2.1	8.5	8.1	91		0.41	27		15.01	16.39	10.36
35.0	1013	4.0			-0.065	2.2	8.4	8.0	91		0.41	27		15.37	16.50	10.61
35.0	1013	5.0			-0.056	2.4	8.3	8.0	90		0.46	30		15.51	16.52	10.71
35.0	1013	6.0			-0.054	2.5	8.3	7.9	89		0.47	31		15.56	16.53	10.75
35.0	1013	7.0			-0.054	2.5	8.2	7.9	89		0.44	29		15.65	16.54	10.82
35.0	1013	8.0			-0.053	2.5	8.2	7.9	89		0.47	31		15.76	16.55	10.90
34.0	1031	1.0			-0.123	0.5	8.5	8.2	92		0.15	11		15.08	16.36	10.42
34.0	1031	2.0			-0.127	0.4	8.5	8.2	91		0.16	11		15.11	16.36	10.44
34.0	1031	3.0			-0.135	0.1	8.5	8.2	91		0.18	13		15.13	16.37	10.45
34.0	1031	4.0			-0.143	-0.1	8.5	8.2	92		0.23	16		15.21	16.40	10.51
34.0	1031	5.0			-0.147	-0.2	8.3	7.9	90		0.29	20		15.65	16.49	10.83
34.0	1031	6.0			-0.141	-0.1	8.2	7.8	89		0.33	22		15.81	16.50	10.95
34.0	1031	7.0			-0.133	0.2	8.1	7.7	87		0.42	27		16.01	16.49	11.10
34.0	1031	8.0			-0.134	0.1	8.2	7.8	88		0.57	37		16.16	16.47	11.22
33.0	1044	1.0			-0.159	-0.6	8.5	8.2	92		0.32	21		15.06	16.31	10.41
33.0	1044	2.0			-0.164	-0.7	8.5	8.2	92		0.25	17		15.36	16.37	10.63
33.0	1044	3.0			-0.186	-1.4	8.5	8.1	91		0.19	13		15.43	16.37	10.68
33.0	1044	4.0			-0.186	-1.4	8.4	8.1	91		0.14	11		15.64	16.39	10.84
33.0	1044	5.0			-0.171	-0.9	8.4	8.1	91		0.15	11		15.76	16.38	10.93
33.0	1044	6.0			-0.153	-0.4	8.3	7.9	89		0.14	10		16.08	16.38	11.17
33.0	1044	7.0			-0.145	-0.2	8.2	7.8	89		0.14	11		16.22	16.40	11.28
33.0	1044	8.0			-0.150	-0.3	8.2	7.8	88		0.18	13		16.33	16.41	11.36
33.0	1044	9.0			-0.151	-0.4	8.2	7.8	88		0.20	14		16.41	16.40	11.42
33.0	1044	10.0			-0.148	-0.3	8.1	7.7	87		0.24	16		16.45	16.40	11.46
33.0	1044	11.0			-0.144	-0.2	8.1	7.6	86		0.28	19		16.47	16.40	11.47
33.0	1044	12.0			-0.133	0.2	8.0	7.6	86		0.31	21		16.52	16.40	11.51
33.0	1044	13.0			-0.131	0.2	8.1	7.6	86		0.41	27		16.55	16.40	11.53
31.0	1105	1.0			-0.128	0.3	8.1	7.7	87		0.13	10		16.18	16.40	11.25
31.0	1105	2.0	2.0	0.94	-0.131	0.2	8.0	7.6	86		0.13	10		16.33	16.37	11.36
31.0	1105	3.0			-0.138	0.0	8.0	7.6	86		0.14	10		16.60	16.35	11.58

STN	TIME	DEPTH	DISCR CHL a	CHL a/PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
31.0	1105	4.0			-.143	-0.1		8.0	7.5	85		0.15	11		16.84	16.34	11.76
31.0	1105	5.0			-.145	-0.2		7.9	7.5	85		0.20	14		16.95	16.35	11.85
31.0	1105	6.0			-.142	-0.1		7.9	7.4	84		0.23	16		17.03	16.35	11.91
31.0	1105	7.0			-.138	0.0		7.8	7.3	83		0.25	17		17.10	16.37	11.96
31.0	1105	8.0			-.132	0.2		7.8	7.3	83		0.24	16		17.17	16.30	12.02
31.0	1105	9.0			-.128	0.3		7.8	7.3	83		0.26	18		17.18	16.27	12.04
31.0	1105	10.0			-.123	0.5		7.8	7.3	83		0.32	21		17.19	16.25	12.05
31.0	1105	11.0			-.116	0.7		7.8	7.3	83		0.44	29		17.19	16.25	12.05
31.0	1105	12.0			-.111	0.8		7.8	7.3	83		0.44	29		17.19	16.25	12.05
31.0	1105	13.0			-.102	1.1		7.8	7.3	83		0.51	33		17.19	16.25	12.05
31.0	1105	14.0	0.7	0.35	-.102	1.1		7.8	7.3	83		0.50	32		17.19	16.25	12.05
30.0	1123	1.0			-.026	3.3		8.1	7.7	88		0.07	6	0.9	17.17	16.25	12.03
30.0	1123	2.0	1.1	0.55	-.029	3.2	7.9	8.1	7.7	87	3.8	0.06	6		17.17	16.21	12.04
30.0	1123	3.0			-.040	2.9		8.1	7.7	87		0.07	6		17.19	16.18	12.06
30.0	1123	4.0			-.060	2.3		8.1	7.6	87		0.09	7		17.21	16.20	12.08
30.0	1123	5.0			-.076	1.8		8.0	7.6	86		0.11	9		17.29	16.22	12.14
30.0	1123	6.0			-.088	1.5		8.0	7.5	86		0.11	9		17.34	16.22	12.17
30.0	1123	7.0			-.094	1.3		8.0	7.6	86		0.12	9		17.39	16.22	12.21
30.0	1123	8.0			-.098	1.2		8.0	7.6	86		0.12	9		17.40	16.22	12.22
30.0	1123	9.0			-.102	1.1		8.0	7.6	86		0.13	10		17.42	16.22	12.23
30.0	1123	10.0			-.103	1.1		8.0	7.6	86		0.14	11		17.43	16.21	12.24
30.0	1123	11.0			-.099	1.2		8.0	7.6	86		0.14	10		17.43	16.21	12.24
30.0	1123	12.0	0.9	0.70	-.098	1.2		8.0	7.6	86		0.15	11		17.43	16.21	12.24
29.5	1136	1.0			-.086	1.5		8.1	7.7	87		0.06	6		17.27	16.27	12.11
29.5	1136	2.0	3.4	0.88	-.085	1.6		8.2	7.8	88		0.07	6		17.32	16.23	12.16
29.5	1136	3.0			-.091	1.4		8.1	7.7	88		0.07	6		17.37	16.20	12.19
29.5	1136	4.0			-.095	1.3		8.2	7.7	88		0.06	6		17.38	16.20	12.20
29.5	1136	5.0			-.096	1.3		8.1	7.7	88		0.08	7		17.38	16.20	12.20
29.5	1136	6.0			-.098	1.2		8.2	7.8	88		0.07	6		17.39	16.20	12.22
29.5	1136	7.0			-.098	1.2		8.2	7.8	89		0.05	5		17.40	16.20	12.22
29.5	1136	8.0			-.099	1.2		8.2	7.8	89		0.06	6		17.45	16.21	12.25
29.5	1136	9.0			-.101	1.1		8.3	7.9	89		0.07	6		17.49	16.22	12.28
29.5	1136	10.0			-.102	1.1		8.2	7.9	89		0.06	6		17.52	16.23	12.31
29.5	1136	11.0			-.095	1.3		8.2	7.9	89		0.10	8		17.56	16.24	12.33
29.5	1136	12.0			-.085	1.6		8.2	7.8	89		0.15	11		17.57	16.24	12.34
29.5	1136	13.0			-.082	1.7		8.2	7.8	89		0.14	10		17.57	16.24	12.34
29.5	1136	14.0			-.079	1.8		8.2	7.8	88		0.14	11		17.57	16.24	12.34
29.5	1136	15.0			-.078	1.8		8.2	7.8	89		0.20	14		17.57	16.24	12.34
29.5	1136	16.0			-.079	1.8		8.2	7.8	88		0.18	13		17.58	16.24	12.35

South San Francisco Bay

9 May 1995

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	1149	1.0			-.038	3.0		8.6	8.3	94		0.04	4		17.26	16.28	12.10
29.0	1149	2.0	4.6	0.97	-.055	2.5		8.6	8.3	94		0.04	4		17.31	16.18	12.16
29.0	1149	3.0			-.091	1.4		8.5	8.2	93		0.03	4		17.41	16.19	12.23
29.0	1149	4.0			-.111	0.8		8.4	8.1	92		0.06	6		17.50	16.27	12.28
29.0	1149	5.0			-.118	0.6		8.3	8.0	91		0.08	7		17.52	16.31	12.29
29.0	1149	6.0			-.120	0.6		8.3	7.9	90		0.08	7		17.53	16.29	12.30
29.0	1149	7.0			-.120	0.6		8.2	7.8	89		0.10	8		17.54	16.24	12.32
29.0	1149	8.0			-.114	0.7		8.2	7.8	89		0.11	8		17.57	16.19	12.35
29.0	1149	9.0			-.109	0.9		8.1	7.7	88		0.17	12		17.64	16.15	12.42
29.0	1149	10.0			-.108	0.9		8.1	7.7	87		0.21	15		17.69	16.13	12.45
29.0	1149	11.0			-.106	1.0		8.1	7.7	87		0.28	19		17.72	16.11	12.48
29.0	1149	12.0			-.106	1.0		8.1	7.6	86		0.34	23		17.75	16.10	12.51
29.0	1149	13.0			-.107	0.9		8.1	7.6	87		0.40	26		17.76	16.10	12.51
29.0	1149	14.0			-.107	0.9		8.0	7.6	86		0.41	27		17.76	16.10	12.52
29.0	1149	15.0			-.108	0.9		8.1	7.7	87		0.57	37		17.77	16.09	12.52
28.0	1202	1.0			0.028	4.9		9.5	9.4	107		0.00	2		16.94	16.13	11.88
28.0	1202	2.0			0.006	4.3		9.2	9.1	103		0.00	2		17.02	16.16	11.94
28.0	1202	3.0			-.051	2.6		8.9	8.7	99		0.00	2		17.17	16.24	12.04
28.0	1202	4.0			-.080	1.7		8.8	8.6	97		0.00	2		17.22	16.26	12.07
28.0	1202	5.0			-.093	1.4		8.7	8.5	96		0.01	3		17.28	16.24	12.12
28.0	1202	6.0			-.097	1.2		8.6	8.4	95		0.03	3		17.37	16.22	12.19
28.0	1202	7.0			-.101	1.1		8.5	8.3	94		0.03	4		17.46	16.22	12.26
28.0	1202	8.0			-.103	1.1		8.5	8.2	93		0.05	5		17.51	16.20	12.31
28.0	1202	9.0			-.104	1.0		8.5	8.2	93		0.05	5		17.60	16.19	12.37
28.0	1202	10.0			-.104	1.0		8.4	8.0	91		0.07	6		17.71	16.20	12.45
28.0	1202	11.0			-.100	1.1		8.3	7.9	90		0.08	7		17.85	16.16	12.57
28.0	1202	12.0			-.095	1.3		8.1	7.6	87		0.20	14		18.02	16.07	12.72
28.0	1202	13.0			-.089	1.5		8.0	7.5	85		0.36	24		18.16	15.99	12.84
28.0	1202	14.0			-.080	1.7		8.0	7.5	85		0.52	34		18.22	15.95	12.89
28.0	1202	15.0			-.080	1.7		8.0	7.5	85		0.62	40		18.23	15.94	12.90
27.0	1216	1.0	12.7	0.90	0.191	9.7		9.9	10.1	113		0.01	3		16.65	15.94	11.70
27.0	1216	2.0			0.155	8.7	9.7	9.7	9.7	109	3.7	0.00	2		16.71	15.90	11.75
27.0	1216	3.0			0.066	6.0		9.4	9.3	104		0.01	3		16.78	15.88	11.81
27.0	1216	4.0			-.011	3.8		9.2	9.1	102		0.00	2		17.10	15.88	12.06
27.0	1216	5.0			-.048	2.7		8.8	8.6	97		0.00	2		17.42	16.16	12.24
27.0	1216	6.0			-.062	2.3		8.5	8.2	93		0.04	4		17.80	16.17	12.53
27.0	1216	7.0			-.069	2.0		8.3	8.0	91		0.06	6		17.95	16.06	12.67
27.0	1216	8.0			-.070	2.0		8.1	7.7	87		0.09	8		18.00	16.03	12.71
27.0	1216	9.0			-.064	2.2		7.9	7.4	83		0.13	10		18.28	15.85	12.96
27.0	1216	10.0			-.053	2.5		7.7	7.1	81		0.28	19		18.87	15.59	13.46
27.0	1216	11.0			-.038	3.0		7.7	7.1	80		0.48	31		19.16	15.49	13.71

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
27.0	1216	12.0	1.1	0.34	-.038	3.0		7.8	7.3	83		0.51	33		19.18	15.49	13.72
26.0	1229	1.0			0.115	7.5		9.5	9.6	107		0.00	2	0.6	16.43	15.83	11.55
26.0	1229	2.0			0.112	7.4		9.5	9.5	106		0.01	2		16.45	15.80	11.57
26.0	1229	3.0			0.042	5.3		9.4	9.3	105		0.01	3		16.50	15.80	11.61
26.0	1229	4.0			-.038	3.0		9.3	9.2	104		0.01	2		16.74	15.95	11.77
26.0	1229	5.0			-.086	1.5		8.9	8.7	99		0.03	4		17.18	16.26	12.04
26.0	1229	6.0			-.108	0.9		8.5	8.2	94		0.00	2		17.44	16.24	12.24
26.0	1229	7.0			-.117	0.6		8.1	7.6	86		0.00	2		17.92	16.06	12.64
26.0	1229	8.0			-.116	0.7		7.7	7.2	81		0.10	8		18.81	15.60	13.41
26.0	1229	9.0			-.109	0.9		7.7	7.1	80		0.24	17		19.39	15.33	13.91
26.0	1229	10.0			-.109	0.9		8.0	7.6	85		0.46	30		19.97	15.06	14.41
25.0	1245	1.0			-.107	0.9		9.6	9.6	108		0.00	2	0.6	16.29	15.98	11.42
25.0	1245	2.0			-.131	0.2		9.4	9.3	105		0.00	2		16.76	16.10	11.75
25.0	1245	3.0			-.153	-0.4		9.0	8.8	100		0.00	2		17.13	16.37	11.98
25.0	1245	4.0			-.168	-0.8		8.4	8.1	92		0.00	2		17.49	16.40	12.25
25.0	1245	5.0			-.165	-0.8		8.2	7.8	88		0.01	3		17.83	16.05	12.58
25.0	1245	6.0			-.146	-0.2		7.9	7.4	83		0.07	6		18.47	15.66	13.14
25.0	1245	7.0			-.136	0.1		7.4	6.8	76		0.22	15		19.11	15.37	13.69
25.0	1245	8.0			-.138	0.0		8.1	7.7	85		0.18	13		21.30	14.24	15.58
24.0	1259	1.0			0.040	5.3		9.4	9.3	104		0.00	2	0.5	15.78	15.97	11.03
24.0	1259	2.0			0.038	5.2	9.3	9.3	9.2	103	2.5	0.00	2		15.83	15.99	11.06
24.0	1259	3.0			0.047	5.5		9.4	9.3	104		0.00	2		15.92	16.00	11.12
24.0	1259	4.0			0.057	5.8		9.0	8.8	100		0.00	2		16.66	16.12	11.67
24.0	1259	5.0			0.041	5.3		8.6	8.3	93		0.00	2		17.00	16.05	11.94
24.0	1259	6.0			-.001	4.0		8.1	7.7	87		0.01	3		17.89	15.77	12.68
24.0	1259	7.0			-.034	3.1		7.4	6.8	76		0.01	3		18.71	15.51	13.36
24.0	1259	8.0			-.051	2.6		6.8	6.0	68		0.05	5		20.33	14.74	14.74
24.0	1259	9.0			-.058	2.4		7.1	6.4	71		0.05	5		23.64	13.52	17.52
24.0	1259	10.0			-.055	2.5		7.5	6.9	77		0.11	9		24.02	13.42	17.83
23.0	1314	1.0			-.021	3.5		9.8	9.9	109		0.00	2		14.09	15.49	9.83
23.0	1314	2.0			-.037	3.0		9.7	9.8	107		0.00	2		14.37	15.43	10.05
23.0	1314	3.0			-.055	2.5		9.5	9.5	104		0.00	2		15.31	15.52	10.75
23.0	1314	4.0			-.064	2.2		9.5	9.5	105		0.00	2		15.40	15.63	10.80
23.0	1314	5.0			-.069	2.0		9.4	9.3	104		0.00	2		15.72	15.82	11.01
23.0	1314	6.0			-.076	1.8		9.1	9.0	101		0.01	2		16.39	15.95	11.50
23.0	1314	7.0			-.094	1.3		8.8	8.6	97		0.00	2		16.75	15.98	11.77
23.0	1314	8.0			-.117	0.6		8.3	8.0	90		0.01	2		17.53	15.91	12.37
23.0	1314	9.0			-.131	0.2		7.6	7.0	79		0.02	3		18.55	15.49	13.24
23.0	1314	10.0			-.139	-0.0		6.8	6.0	67		0.04	4		19.90	14.86	14.40

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
23.0	1314	11.0			-.138	0.0		7.1	6.3	70		0.08	7		23.74	13.44	17.61
23.0	1314	12.0			-.131	0.2		7.1	6.4	71		0.12	9		24.07	13.32	17.88
23.0	1314	13.0			-.124	0.4		7.2	6.5	72		0.14	10		24.13	13.30	17.93
23.0	1314	14.0			-.114	0.7		7.2	6.5	72		0.15	11		24.13	13.30	17.93
23.0	1314	15.0			-.113	0.8		7.3	6.6	73		0.14	11		24.13	13.31	17.93
22.0	1330	1.0			-.104	1.0		9.2	9.1	101		0.00	2		15.38	15.60	10.79
22.0	1330	2.0			-.106	1.0		9.2	9.0	100		0.00	2		15.51	15.52	10.91
22.0	1330	3.0			-.109	0.9		9.0	8.8	97		0.00	2		15.98	15.50	11.27
22.0	1330	4.0			-.120	0.5		8.7	8.5	94		0.00	2		16.34	15.48	11.55
22.0	1330	5.0			-.139	-0.0		8.4	8.0	90		0.00	2		16.90	15.52	11.97
22.0	1330	6.0			-.155	-0.5		7.9	7.4	82		0.00	2		18.26	14.98	13.12
22.0	1330	7.0			-.161	-0.6		7.8	7.3	81		0.00	2		20.12	14.53	14.62
22.0	1330	8.0			-.161	-0.6		7.4	6.8	75		0.00	2		20.61	14.42	15.02
22.0	1330	9.0			-.158	-0.6		7.2	6.6	73		0.03	4		22.23	13.84	16.38
22.0	1330	10.0			-.156	-0.5		7.1	6.4	71		0.04	4		23.42	13.38	17.38
22.0	1330	11.0			-.157	-0.5		7.1	6.4	71		0.05	5		23.93	13.14	17.81
22.0	1330	12.0			-.159	-0.6		7.1	6.4	70		0.04	4		24.24	12.94	18.09
22.0	1330	13.0			-.158	-0.6		7.1	6.4	70		0.03	4		24.38	12.83	18.21
22.0	1330	14.0			-.153	-0.4		6.9	6.2	68		0.03	4		24.61	12.70	18.42
22.0	1330	15.0			-.146	-0.2		6.9	6.2	68		0.02	3		25.16	12.38	18.90
22.0	1330	16.0			-.140	-0.0		6.8	6.0	66		0.04	4		25.88	12.19	19.48
22.0	1330	17.0			-.136	0.1		6.7	5.8	64		0.06	6		26.54	12.00	20.03
22.0	1330	18.0			-.136	0.1		6.8	6.0	66		0.14	10		27.43	11.73	20.77
21.0	1343	1.0			0.010	4.4		9.5	9.4	103		0.00	2		14.66	15.34	10.29
21.0	1343	2.0	7.5	0.82	0.004	4.2	9.4	9.4	9.3	102	1.4	0.00	2		14.76	15.33	10.37
21.0	1343	3.0			-.019	3.5		9.4	9.4	103		0.00	2		14.93	15.33	10.50
21.0	1343	4.0			-.042	2.8		9.1	9.0	100		0.00	2		15.39	15.55	10.81
21.0	1343	5.0			-.062	2.3		8.8	8.6	96		0.00	2		15.92	15.65	11.19
21.0	1343	6.0			-.076	1.9		8.7	8.4	93		0.00	2		16.14	15.63	11.37
21.0	1343	7.0			-.085	1.6		8.3	7.9	88		0.01	2		16.53	15.64	11.66
21.0	1343	8.0			-.089	1.5		7.9	7.5	83		0.00	2		17.18	15.27	12.23
21.0	1343	9.0			-.088	1.5		7.8	7.3	81		0.01	3		18.80	14.74	13.57
21.0	1343	10.0			-.084	1.6		7.6	7.0	78		0.00	2		19.75	14.48	14.35
21.0	1343	11.0			-.079	1.8		7.2	6.5	72		0.01	2		20.73	14.12	15.17
21.0	1343	12.0			-.076	1.9		7.1	6.4	70		0.00	2		22.72	13.35	16.84
21.0	1343	13.0			-.071	2.0		6.9	6.1	67		0.00	2		23.88	12.92	17.81
21.0	1343	14.0			-.066	2.2		6.9	6.1	67		0.01	3		25.31	12.38	19.01
21.0	1343	15.0			-.064	2.2		6.9	6.1	68		0.03	4		25.99	12.18	19.57
21.0	1343	16.0			-.062	2.3		6.9	6.1	67		0.04	4		26.22	12.11	19.76
21.0	1343	17.0			-.057	2.4		6.9	6.1	67		0.07	6		26.64	12.01	20.10
21.0	1343	18.0	1.9	0.73	-.057	2.4		7.0	6.2	69		0.11	9		26.92	11.92	20.34

South San Francisco Bay

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DISCR CHL a/ CHL CALC DISCR DISCR DISCR CALC % OXY DISCR CALC
DEPTH CHL a a+PHA ABS CHL a OXYG OXYG OXYG SAT SPM SPM EXCOF SALIN TEMP SIGT
STN TIME
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n r^2 Slope Inter. Std. Err.

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CHL Absorption Meter Calibration: 14 0.501 29.434 4.087 2.448
OBS Calibration: 5 0.983 61.086 1.955 1.635
Dissolved Oxygen Calibration: 5 0.967 1.297 -2.833 0.187

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SeaBird v4.026

South San Francisco Bay

16 May 1995

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STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	STGT
36.0	1256	1.0			0.082	2.0		7.2	6.7	75		2.10	144	7.8	14.23	16.58	9.72
36.0	1256	2.0	3.4	0.37	0.079	2.0		7.1	6.6	74	145.8	2.12	145		14.23	16.56	9.73
36.0	1256	3.0			0.084	2.0		7.1	6.6	74		2.24	154		14.26	16.53	9.76
36.0	1256	4.0			0.091	2.0		7.1	6.7	75		2.58	177		14.27	16.52	9.77
36.0	1256	5.0			0.104	2.0		7.1	6.6	74		2.74	188		14.28	16.51	9.77
36.0	1256	6.0			0.127	2.0		7.1	6.6	74		3.24	222		14.28	16.49	9.78
36.0	1256	7.0	4.2	0.24	0.129	2.0		7.1	6.7	75		3.82	263		14.29	16.48	9.79
35.0	1241	1.0			0.006	2.0		7.2	6.8	76		1.86	127	6.3	14.40	16.57	9.85
35.0	1241	2.0			0.004	2.0		7.1	6.6	75		1.84	125		14.40	16.56	9.86
35.0	1241	3.0			0.005	2.0		7.2	6.7	75		1.90	130		14.40	16.54	9.86
35.0	1241	4.0			0.006	2.0		7.1	6.6	74		1.96	134		14.40	16.51	9.87
35.0	1241	5.0			0.013	2.0		7.1	6.6	74		2.11	144		14.42	16.44	9.90
35.0	1241	6.0			0.039	2.0		7.1	6.6	74		2.36	162		14.42	16.41	9.90
35.0	1241	7.0			0.067	2.0		7.1	6.6	74		2.81	193		14.41	16.40	9.90
35.0	1241	8.0			0.064	2.0		7.1	6.6	74		3.05	209		14.42	16.39	9.90
34.0	1230	1.0			-0.001	2.0		7.2	6.8	76		0.68	45		14.36	16.60	9.82
34.0	1230	2.0			-0.004	2.0		7.1	6.6	74		0.68	45		14.28	16.66	9.74
34.0	1230	3.0			-0.009	2.0		7.1	6.6	74		0.67	45		14.48	16.50	9.93
34.0	1230	4.0			0.007	2.0		7.1	6.6	74		0.65	43		14.92	16.32	10.31
34.0	1230	5.0			0.039	2.0		7.1	6.6	74		1.01	68		15.06	16.28	10.41
34.0	1230	6.0			0.037	2.0		7.1	6.7	75		3.05	210		15.07	16.30	10.42
33.0	1217	1.0			-0.094	2.1		7.5	7.2	81		0.29	18	1.8	15.42	16.74	10.60
33.0	1217	2.0			-0.092	2.1		7.4	7.1	80		0.27	17		15.43	16.70	10.62
33.0	1217	3.0			-0.087	2.1		7.4	7.1	80		0.37	24		15.51	16.56	10.70
33.0	1217	4.0			-0.076	2.1		7.5	7.2	81		0.65	44		15.52	16.54	10.72
33.0	1217	5.0			-0.065	2.0		7.4	7.1	81		0.89	60		15.56	16.51	10.75
33.0	1217	6.0			-0.053	2.0		7.4	7.1	80		1.16	79		15.57	16.51	10.76
33.0	1217	7.0			-0.038	2.0		7.4	7.1	80		1.26	86		15.59	16.49	10.78
33.0	1217	8.0			-0.018	2.0		7.4	7.0	79		1.47	100		15.65	16.42	10.84
33.0	1217	9.0			-0.001	2.0		7.4	7.1	80		1.96	134		15.69	16.37	10.88
33.0	1217	10.0			0.007	2.0		7.4	7.1	80		2.11	144		15.69	16.36	10.88
33.0	1217	11.0			0.010	2.0		7.4	7.1	80		2.14	147		15.69	16.36	10.88
33.0	1217	12.0			-0.003	2.0		7.4	7.1	79		2.14	146		15.69	16.37	10.88
33.0	1217	13.0			-0.007	2.0		7.4	7.1	80		2.99	206		15.68	16.37	10.87
32.0	1209	1.0			-0.070	2.1		7.5	7.3	83		0.35	22	2.0	15.60	16.73	10.74
32.0	1209	2.0	1.4	0.69	-0.069	2.1	7.2	7.5	7.3	83	19.6	0.30	19		15.58	16.76	10.72
32.0	1209	3.0			-0.069	2.1		7.5	7.2	82		0.29	18		15.59	16.75	10.73
32.0	1209	4.0			-0.066	2.0		7.4	7.1	80		0.29	18		15.68	16.60	10.82
32.0	1209	5.0			-0.044	2.0		7.4	7.1	80		0.41	27		15.75	16.48	10.90

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32.0	1209	6.0			-.029	2.0		7.4	7.1	80		0.66	44		15.80	16.39	10.96
32.0	1209	7.0			-.026	2.0		7.4	7.1	80		1.11	75		15.81	16.39	10.97
32.0	1209	8.0			-.007	2.0		7.5	7.2	81		1.33	90		15.82	16.38	10.98
32.0	1209	9.0			0.007	2.0		7.4	7.1	80		1.74	119		15.83	16.38	10.98
32.0	1209	10.0			0.010	2.0		7.4	7.1	80		1.89	129		15.83	16.38	10.98
32.0	1209	11.0			0.010	2.0		7.5	7.2	81		2.06	141		15.83	16.37	10.99
32.0	1209	12.0	1.3	0.23	0.010	2.0		7.4	7.1	80		2.37	162		15.83	16.37	10.99
31.0	1156	1.0			-.091	2.1		7.6	7.4	84		0.28	17	1.8	15.73	16.72	10.84
31.0	1156	2.0	1.1	0.27	-.096	2.1		7.6	7.3	83		0.28	18		15.74	16.69	10.86
31.0	1156	3.0			-.093	2.1		7.6	7.3	83		0.28	17		15.75	16.67	10.86
31.0	1156	4.0			-.090	2.1		7.6	7.3	83		0.30	19		15.75	16.66	10.87
31.0	1156	5.0			-.087	2.1		7.5	7.2	82		0.30	19		15.79	16.60	10.91
31.0	1156	6.0			-.087	2.1		7.5	7.2	81		0.34	22		15.84	16.54	10.96
31.0	1156	7.0			-.087	2.1		7.5	7.2	81		0.43	28		15.91	16.44	11.04
31.0	1156	8.0			-.083	2.1		7.5	7.2	81		0.52	34		15.94	16.40	11.07
31.0	1156	9.0			-.081	2.1		7.5	7.2	81		0.54	35		15.94	16.41	11.06
31.0	1156	10.0			-.079	2.1		7.5	7.2	81		0.55	36		15.95	16.40	11.07
31.0	1156	11.0			-.077	2.1		7.5	7.2	81		0.73	49		15.97	16.38	11.09
31.0	1156	12.0			-.072	2.1		7.5	7.2	81		0.81	54		15.98	16.38	11.10
31.0	1156	13.0			-.071	2.1		7.5	7.2	81		0.86	58		15.98	16.38	11.10
30.0	1129	1.0			-.056	2.0		7.6	7.3	83		0.47	31	2.4	16.25	16.45	11.29
30.0	1129	2.0	2.7	0.80	-.057	2.0	7.2	7.5	7.3	82		0.48	31		16.25	16.44	11.30
30.0	1129	3.0			-.046	2.0		7.5	7.2	82		0.52	34		16.27	16.41	11.31
30.0	1129	4.0			-.027	2.0		7.5	7.2	81		0.59	39		16.29	16.37	11.34
30.0	1129	5.0			-.017	2.0		7.5	7.2	81		0.76	51		16.31	16.32	11.36
30.0	1129	6.0			-.020	2.0		7.5	7.2	81		0.96	64		16.32	16.30	11.37
30.0	1129	7.0			-.026	2.0		7.5	7.3	82		1.07	72		16.31	16.31	11.37
30.0	1129	8.0			-.026	2.0		7.5	7.3	82		1.04	70		16.31	16.32	11.36
30.0	1129	9.0			-.020	2.0		7.5	7.2	82		1.12	75		16.31	16.31	11.37
30.0	1129	10.0			-.015	2.0		7.5	7.3	82		1.16	79		16.32	16.30	11.37
30.0	1129	11.0			0.058	2.0		7.5	7.3	82		1.27	86		16.32	16.29	11.38
30.0	1129	12.0			0.739	1.7		7.6	7.3	83		1.32	90		16.32	16.29	11.38
30.0	1129	13.0	0.9	0.22	0.919	1.6		7.4	7.1	80		1.67	114		16.30	16.29	11.36
29.5	1117	1.0			-.077	2.1		7.5	7.2	81		0.68	45	3.5	16.38	16.38	11.40
29.5	1117	2.0	0.7	0.48	-.076	2.1		7.4	7.1	81		0.70	47		16.38	16.37	11.40
29.5	1117	3.0			-.068	2.1		7.5	7.1	81		0.76	51		16.38	16.36	11.41
29.5	1117	4.0			-.060	2.0		7.5	7.2	81		0.77	52		16.38	16.35	11.41
29.5	1117	5.0			-.053	2.0		7.5	7.2	81		0.85	57		16.39	16.33	11.42
29.5	1117	6.0			-.039	2.0		7.4	7.1	81		0.90	61		16.40	16.32	11.44
29.5	1117	7.0			-.017	2.0		7.5	7.2	81		1.07	72		16.45	16.28	11.48

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29.5	1117	8.0			0.006	2.0		7.6	7.3	82		1.54	105		16.52	16.25	11.54
29.5	1117	9.0			0.021	2.0		7.5	7.3	82		1.80	123		16.55	16.24	11.56
29.5	1117	10.0			0.030	2.0		7.6	7.3	83		1.97	134		16.58	16.24	11.58
29.5	1117	11.0			0.039	2.0		7.6	7.3	83		2.04	140		16.59	16.24	11.59
29.5	1117	12.0			0.048	2.0		7.6	7.4	83		2.20	151		16.59	16.24	11.59
29.5	1117	13.0			0.048	2.0		7.6	7.3	83		2.24	153		16.59	16.24	11.59
29.5	1117	14.0			0.046	2.0		7.6	7.3	83		2.36	162		16.59	16.24	11.59
29.0	1104	1.0			-.088	2.1		7.5	7.2	82		0.47	31	2.2	16.45	16.49	11.44
29.0	1104	2.0			-.089	2.1		7.5	7.2	82		0.45	29		16.45	16.48	11.44
29.0	1104	3.0	1.7		-.087	2.1		7.5	7.3	83		0.47	31		16.45	16.46	11.44
29.0	1104	4.0			-.086	2.1		7.5	7.2	81		0.49	32		16.46	16.41	11.46
29.0	1104	5.0			-.083	2.1		7.5	7.2	82		0.53	35		16.50	16.32	11.51
29.0	1104	6.0			-.071	2.1		7.5	7.2	82		0.64	42		16.51	16.31	11.52
29.0	1104	7.0			-.055	2.0		7.5	7.2	82		0.76	51		16.54	16.27	11.55
29.0	1104	8.0			-.035	2.0		7.5	7.2	82		0.91	61		16.58	16.25	11.58
29.0	1104	9.0			-.018	2.0		7.5	7.3	82		1.27	86		16.62	16.22	11.62
29.0	1104	10.0			-.008	2.0		7.6	7.4	83		1.44	98		16.63	16.22	11.63
29.0	1104	11.0			0.000	2.0		7.6	7.4	83		1.41	96		16.63	16.22	11.63
29.0	1104	12.0			0.009	2.0		7.6	7.4	83		1.61	110		16.63	16.22	11.63
29.0	1104	13.0			0.010	2.0		7.6	7.4	83		1.65	112		16.64	16.22	11.63
29.0	1104	14.0			0.007	2.0		7.6	7.4	83		1.81	124		16.64	16.22	11.64
28.0	1053	1.0			-.086	2.1		7.6	7.4	83		0.46	30	2.3	16.59	16.43	11.56
28.0	1053	2.0			-.089	2.1		7.6	7.4	83		0.44	29		16.60	16.41	11.56
28.0	1053	3.0			-.089	2.1		7.6	7.4	84		0.45	29		16.60	16.37	11.58
28.0	1053	4.0			-.086	2.1		7.6	7.4	83		0.44	29		16.61	16.33	11.59
28.0	1053	5.0			-.076	2.1		7.6	7.4	83		0.48	31		16.66	16.26	11.64
28.0	1053	6.0			-.067	2.0		7.6	7.3	83		0.52	34		16.67	16.25	11.65
28.0	1053	7.0			-.056	2.0		7.6	7.4	84		0.60	40		16.73	16.19	11.71
28.0	1053	8.0			-.039	2.0		7.7	7.5	84		0.66	44		16.76	16.17	11.73
28.0	1053	9.0			-.022	2.0		7.7	7.5	85		0.73	48		16.77	16.16	11.75
28.0	1053	10.0			-.010	2.0		7.7	7.5	85		0.77	51		16.78	16.15	11.75
28.0	1053	11.0			-.014	2.0		7.7	7.6	85		0.79	53		16.78	16.14	11.76
28.0	1053	12.0			-.017	2.0		7.7	7.5	85		0.80	54		16.78	16.15	11.76
28.0	1053	13.0			-.012	2.0		7.7	7.5	84		0.87	58		16.78	16.14	11.76
28.0	1053	14.0			-.014	2.0		7.7	7.5	85		0.87	59		16.78	16.14	11.76
27.0	1039	1.0			-.037	2.0		7.6	7.4	84		0.46	30	2.5	16.69	16.40	11.64
27.0	1039	2.0	1.2	0.54	-.041	2.0	7.4	7.6	7.4	84	25.7	0.46	30		16.69	16.34	11.65
27.0	1039	3.0			-.042	2.0		7.6	7.4	83		0.56	37		16.69	16.35	11.65
27.0	1039	4.0			-.040	2.0		7.6	7.4	84		0.59	39		16.69	16.34	11.65
27.0	1039	5.0			-.038	2.0		7.6	7.4	84		0.63	42		16.69	16.32	11.66

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27.0	1039	6.0			-.030	2.0		7.6	7.3	83		1.03	69		16.70	16.26	11.67
27.0	1039	7.0			-.022	2.0		7.6	7.4	83		1.01	68		16.70	16.25	11.67
27.0	1039	8.0			-.030	2.0		7.6	7.4	83		1.06	72		16.70	16.25	11.68
27.0	1039	9.0			-.037	2.0		7.6	7.4	84		1.15	78		16.70	16.24	11.68
27.0	1039	10.0			-.033	2.0		7.7	7.5	85		1.31	89		16.70	16.23	11.68
27.0	1039	11.0			-.004	2.0		7.6	7.4	83		1.36	93		16.70	16.23	11.68
27.0	1039	12.0	1.6	0.29	0.004	2.0		7.7	7.5	84		1.31	89		16.70	16.24	11.68
26.0	1028	1.0			-.109	2.1		7.7	7.5	85		0.39	25	2.1	16.73	16.27	11.69
26.0	1028	2.0			-.113	2.1		7.7	7.5	85		0.38	24		16.73	16.27	11.69
26.0	1028	3.0			-.104	2.1		7.7	7.5	85		0.38	25		16.73	16.25	11.70
26.0	1028	4.0			-.088	2.1		7.7	7.5	85		0.63	41		16.73	16.20	11.71
26.0	1028	5.0			-.074	2.1		7.7	7.5	85		0.78	52		16.73	16.20	11.71
26.0	1028	6.0			-.064	2.0		7.7	7.5	84		1.00	67		16.73	16.19	11.71
26.0	1028	7.0			-.054	2.0		7.7	7.5	85		1.18	80		16.73	16.19	11.71
26.0	1028	8.0			-.049	2.0		7.7	7.5	84		1.26	85		16.73	16.19	11.71
26.0	1028	9.0			-.052	2.0		7.7	7.5	84		1.32	90		16.73	16.18	11.71
25.0	1014	1.0			-.090	2.1		7.8	7.8	87		0.33	21		16.86	16.00	11.85
25.0	1014	2.0			-.091	2.1		7.8	7.6	86		0.31	19		16.86	15.98	11.85
25.0	1014	3.0			-.097	2.1		7.8	7.7	86		0.30	19		16.86	15.92	11.86
25.0	1014	4.0			-.089	2.1		7.8	7.6	86		0.34	22		16.87	15.87	11.88
25.0	1014	5.0			-.060	2.0		7.7	7.5	85		0.42	27		16.87	15.83	11.89
25.0	1014	6.0			-.030	2.0		7.7	7.6	85		0.68	45		16.87	15.80	11.90
25.0	1014	7.0			-.031	2.0		7.8	7.6	86		1.30	88		16.87	15.81	11.89
24.0	1000	1.0			-.056	2.0		7.9	7.9	88		0.29	19		17.34	15.55	12.31
24.0	1000	2.0	3.2	0.63	-.060	2.0	7.7	7.9	7.8	87	19.3	0.31	20		17.34	15.51	12.31
24.0	1000	3.0			-.064	2.0		7.8	7.7	86		0.31	20		17.37	15.37	12.36
24.0	1000	4.0			-.067	2.0		7.8	7.7	86		0.32	20		17.41	15.24	12.42
24.0	1000	5.0			-.049	2.0		7.8	7.7	86		0.33	21		17.46	15.17	12.47
24.0	1000	6.0			-.012	2.0		7.9	7.8	86		0.56	37		17.48	15.14	12.49
24.0	1000	7.0			0.017	2.0		7.8	7.7	86		0.99	67		17.49	15.13	12.49
24.0	1000	8.0			0.042	2.0		7.8	7.7	86		1.39	94		17.49	15.13	12.49
24.0	1000	9.0	2.5	0.20	0.042	2.0		7.9	7.8	86		1.59	109		17.49	15.13	12.49
23.0	0946	1.0			-.069	2.1		7.6	7.4	84		0.27	17	1.6	16.84	16.17	11.80
23.0	0946	2.0			-.076	2.1		7.7	7.5	84		0.24	15		17.01	15.66	12.03
23.0	0946	3.0			-.082	2.1		7.7	7.5	84		0.25	15		17.12	15.48	12.14
23.0	0946	4.0			-.081	2.1		7.7	7.5	84		0.26	16		17.20	15.37	12.23
23.0	0946	5.0			-.076	2.1		7.7	7.6	84		0.28	18		17.25	15.32	12.27
23.0	0946	6.0			-.073	2.1		7.8	7.6	85		0.27	17		17.27	15.31	12.29
23.0	0946	7.0			-.071	2.1		7.7	7.5	85		0.30	19		17.34	15.26	12.36

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23.0	0946	8.0			-.063	2.0		7.8	7.6	85		0.31	20		17.43	15.16	12.45
23.0	0946	9.0			-.050	2.0		7.7	7.6	84		0.38	24		17.48	15.10	12.49
23.0	0946	10.0			-.041	2.0		7.7	7.6	84		0.40	26		17.51	15.03	12.53
23.0	0946	11.0			-.033	2.0		7.7	7.6	84		0.45	29		17.55	14.95	12.57
23.0	0946	12.0			-.012	2.0		7.8	7.6	84		0.49	32		17.57	14.90	12.60
23.0	0946	13.0			-.006	2.0		7.7	7.6	84		0.80	54		17.58	14.90	12.60
23.0	0946	14.0			-.014	2.0		7.8	7.6	84		0.97	65		17.58	14.90	12.60
22.0	0928	1.0			-.080	2.1		7.6	7.4	83		0.26	16	1.7	17.42	15.37	12.40
22.0	0928	2.0			-.084	2.1		7.6	7.4	82		0.25	16		17.52	15.02	12.54
22.0	0928	3.0			-.082	2.1		7.7	7.5	83		0.27	17		17.62	14.90	12.64
22.0	0928	4.0			-.080	2.1		7.7	7.5	83		0.26	16		17.69	14.80	12.71
22.0	0928	5.0			-.081	2.1		7.7	7.5	83		0.27	17		17.73	14.70	12.76
22.0	0928	6.0			-.076	2.1		7.6	7.4	82		0.29	18		17.75	14.65	12.78
22.0	0928	7.0			-.063	2.0		7.7	7.5	82		0.31	19		17.86	14.48	12.90
22.0	0928	8.0			-.050	2.0		7.7	7.5	82		0.36	23		18.00	14.37	13.02
22.0	0928	9.0			-.041	2.0		7.6	7.4	81		0.44	29		18.06	14.32	13.08
22.0	0928	10.0			-.034	2.0		7.6	7.4	80		0.50	33		18.24	14.19	13.25
22.0	0928	11.0			-.034	2.0		7.6	7.4	81		0.54	35		18.44	14.08	13.42
22.0	0928	12.0			-.033	2.0		7.6	7.4	81		0.55	36		18.66	14.00	13.60
22.0	0928	13.0			-.031	2.0		7.5	7.3	79		0.58	38		18.75	13.98	13.68
22.0	0928	14.0			-.023	2.0		7.5	7.2	78		0.66	44		18.92	13.91	13.81
22.0	0928	15.0			-.003	2.0		7.5	7.2	79		0.77	52		19.13	13.70	14.01
22.0	0928	16.0			0.052	2.0		7.5	7.2	78		1.33	90		19.35	13.58	14.21
22.0	0928	17.0			0.251	1.9		7.5	7.2	79		3.38	233		19.50	13.52	14.33
22.0	0928	18.0			0.287	1.9		7.6	7.3	80		6.61	456		19.54	13.53	14.36
21.0	0914	1.0			0.090	2.0		7.6	7.3	81		0.17	10	1.4	17.58	15.23	12.54
21.0	0914	2.0		0.71	0.087	2.0	7.5	7.6	7.4	81	13.5	0.18	10		17.64	14.96	12.64
21.0	0914	3.0			0.080	2.0		7.6	7.3	80		0.19	11		17.69	14.75	12.72
21.0	0914	4.0			0.078	2.0		7.5	7.3	80		0.21	13		17.74	14.63	12.78
21.0	0914	5.0			0.081	2.0		7.6	7.4	81		0.23	14		17.81	14.49	12.86
21.0	0914	6.0			0.086	2.0		7.6	7.4	81		0.28	18		17.84	14.46	12.89
21.0	0914	7.0			0.090	2.0		7.6	7.4	81		0.32	20		17.90	14.39	12.95
21.0	0914	8.0			0.093	2.0		7.7	7.5	82		0.33	21		17.95	14.33	12.99
21.0	0914	9.0			0.095	2.0		7.7	7.5	82		0.37	24		18.03	14.27	13.07
21.0	0914	10.0			0.095	2.0		7.7	7.5	82		0.40	26		18.20	14.28	13.20
21.0	0914	11.0			0.094	2.0		7.6	7.4	81		0.39	25		18.32	14.31	13.29
21.0	0914	12.0			0.086	2.0		7.6	7.3	81		0.32	20		18.47	14.34	13.40
21.0	0914	13.0			0.076	2.0		7.3	6.9	76		0.26	17		18.62	14.35	13.51
21.0	0914	14.0			0.070	2.0		7.1	6.7	73		0.22	13		19.46	13.97	14.22
21.0	0914	15.0		0.40	0.071	2.0		7.4	7.1	78		0.21	13		20.92	13.42	15.44

South San Francisco Bay

16 May 1995

Year Day: 95136

CHL Absorption Meter Calibration:
 OBS Calibration:
 Dissolved Oxygen Calibration:

n	r ²	Slope	Inter.	Std. Err.
15	0.011	-0.433	2.021	1.063
5	0.998	69.252	-1.813	3.132
5	0.796	1.536	-4.303	0.123

Seabird v4.026

South San Francisco Bay

13 June 1995

95164

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0638	1.0	10.0	0.40	1.44	11.0	5.9	6.0	70	708.1	8.41	600	10.7	11.59	19.28	7.16
36.0	0638	2.0			1.43	11.0	6.2	6.3	73		9.90	706		12.22	18.74	7.75
36.0	0638	3.0			1.42	10.9	6.3	6.4	74		10.00	713		12.43	18.64	7.93
36.0	0638	4.0			1.39	10.6	6.4	6.5	75		10.00	713		12.72	18.55	8.17
36.0	0638	5.0			1.38	10.5	6.5	6.6	76		10.00	713		12.93	18.55	8.33
36.0	0638	6.0			1.12	8.1	6.5	6.6	77		10.00	713		13.01	18.52	8.40
36.0	0638	7.0	10.2	0.39	1.03	7.3	6.6	6.7	77		10.00	713		12.95	18.53	8.35
34.0	0702	1.0			1.13	8.2	6.5	6.6	77		4.90	349		14.43	18.91	9.39
34.0	0702	2.0			1.13	8.2	6.5	6.6	77		4.95	352		14.46	18.89	9.42
34.0	0702	3.0			1.13	8.2	6.5	6.6	77		4.95	352		14.48	18.87	9.44
34.0	0702	4.0			1.13	8.2	6.5	6.6	77		4.83	344		14.48	18.87	9.44
34.0	0702	5.0			1.13	8.2	6.5	6.6	77		4.76	339		14.49	18.86	9.44
32.0	0720	1.0	2.6	0.58	0.63	3.5	7.2	7.3	88	39.4	0.98	69	3.8	16.42	19.53	10.76
32.0	0720	2.0			0.63	3.5	7.2	7.3	88		0.98	68		16.47	19.55	10.80
32.0	0720	3.0			0.63	3.5	7.1	7.2	87		1.04	73		16.63	19.52	10.92
32.0	0720	4.0			0.65	3.7	7.1	7.2	86		1.11	78		16.69	19.32	11.01
32.0	0720	5.0			0.69	4.0	7.0	7.1	85		1.14	80		16.64	19.18	11.01
32.0	0720	6.0			0.73	4.5	7.0	7.1	85		1.27	89		16.56	19.08	10.97
32.0	0720	7.0			0.77	4.8	7.0	7.1	84		1.58	111		16.55	19.05	10.97
32.0	0720	8.0			0.79	5.0	6.9	7.0	84		2.14	151		16.53	19.01	10.96
32.0	0720	9.0			0.81	5.2	6.9	7.0	83		2.79	197		16.56	18.91	11.01
32.0	0720	10.0			0.81	5.2	7.0	7.1	84		3.29	234		16.71	18.73	11.16
32.0	0720	11.0	4.0	0.31	0.81	5.2	7.0	7.1	85		3.52	250		16.86	18.60	11.30
30.0	0746	1.0			0.55	2.8	7.4	7.5	90		0.51	35	2.9	17.31	18.97	11.56
30.0	0746	2.0	2.5	0.65	0.56	2.9	7.4	7.5	90	40.8	0.51	35		17.26	19.03	11.51
30.0	0746	3.0			0.55	2.8	7.3	7.4	89		0.50	34		17.28	19.00	11.53
30.0	0746	4.0			0.54	2.7	7.4	7.5	90		0.51	35		17.44	18.79	11.70
30.0	0746	5.0			0.54	2.7	7.4	7.5	90		0.50	34		17.47	18.76	11.73
30.0	0746	6.0			0.53	2.6	7.5	7.5	90		0.50	34		17.49	18.75	11.75
30.0	0746	7.0			0.53	2.6	7.4	7.5	90		0.51	35		17.48	18.75	11.74
30.0	0746	8.0			0.54	2.7	7.4	7.5	90		0.52	36		17.52	18.72	11.77
30.0	0746	9.0			0.54	2.7	7.4	7.5	90		0.51	35		17.56	18.68	11.82
30.0	0746	10.0	1.8	0.36	0.54	2.7	7.4	7.5	90		0.50	34		17.59	18.64	11.85
29.0	0810	1.0			0.46	2.0	7.6	7.7	91		0.64	44	3.2	17.93	18.56	12.13
29.0	0810	2.0			0.47	2.0	7.6	7.7	91		0.64	44		17.93	18.56	12.13
29.0	0810	3.0			0.47	2.0	7.5	7.6	91		0.64	44		17.93	18.56	12.13
29.0	0810	4.0			0.47	2.0	7.4	7.5	89		0.65	45		17.97	18.51	12.17
29.0	0810	5.0			0.47	2.0	7.4	7.5	89		0.67	46		18.17	18.22	12.38
29.0	0810	6.0			0.46	2.0	7.5	7.6	90		0.91	63		18.33	18.05	12.54

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0810	7.0			0.46	2.0		7.6	7.6	91		1.12	78		18.37	18.06	12.57
29.0	0810	8.0			0.46	2.0		7.5	7.6	90		1.23	86		18.40	18.12	12.58
29.0	0810	9.0			0.47	2.0		7.5	7.6	90		1.34	94		18.41	18.16	12.58
29.0	0810	10.0			0.47	2.0		7.5	7.5	90		1.49	105		18.50	18.10	12.66
29.0	0810	11.0			0.46	2.0		7.4	7.5	89		1.67	118		18.61	18.01	12.76
29.0	0810	12.0			0.45	1.9		7.4	7.5	88		1.51	106		18.77	17.88	12.91
29.0	0810	13.0			0.45	1.9		7.4	7.5	89		1.23	87		18.94	17.78	13.06
27.0	0835	1.0			0.39	1.3		7.6	7.7	92		0.47	32	2.6	18.68	17.98	12.82
27.0	0835	2.0	1.4	0.44	0.38	1.2	7.8	7.7	7.8	92	30.8	0.41	28		18.68	17.98	12.82
27.0	0835	3.0			0.38	1.2		7.7	7.8	93		0.40	27		18.68	17.99	12.82
27.0	0835	4.0			0.39	1.3		7.7	7.8	93		0.40	27		18.67	17.99	12.82
27.0	0835	5.0			0.39	1.3		7.7	7.8	93		0.39	26		18.67	17.98	12.82
27.0	0835	6.0			0.40	1.4		7.8	7.8	93		0.39	26		18.67	17.98	12.82
27.0	0835	7.0			0.40	1.4		7.7	7.8	92		0.42	28		18.68	17.96	12.83
27.0	0835	8.0			0.40	1.4		7.7	7.8	92		0.43	29		18.76	17.87	12.91
27.0	0835	9.0			0.39	1.3		7.7	7.7	92		0.43	29		18.81	17.81	12.96
27.0	0835	10.0			0.38	1.2		7.7	7.8	92		0.41	28		18.92	17.69	13.07
27.0	0835	11.0	1.3	0.38	0.38	1.2		7.7	7.8	92		0.45	31		19.08	17.56	13.22
25.0	0902	1.0			0.41	1.5		8.0	8.1	96		0.26	17	1.8	19.96	17.39	13.92
25.0	0902	2.0			0.41	1.5		8.0	8.1	96		0.26	17		19.96	17.39	13.93
25.0	0902	3.0			0.41	1.5		8.0	8.1	96		0.26	17		19.96	17.39	13.93
25.0	0902	4.0			0.41	1.5		8.0	8.1	96		0.33	22		19.96	17.37	13.93
25.0	0902	5.0			0.41	1.5		8.0	8.1	96		0.28	18		19.96	17.36	13.93
25.0	0902	6.0			0.42	1.5		8.0	8.1	95		0.30	20		19.96	17.35	13.93
25.0	0902	7.0			0.43	1.7		8.0	8.1	95		0.34	22		20.00	17.32	13.97
25.0	0902	8.0			0.44	1.8		8.0	8.1	96		0.68	47		20.04	17.31	14.01
24.0	0920	1.0			0.46	1.9		8.1	8.1	95		0.09	5	1.0	21.57	16.53	15.34
24.0	0920	2.0	2.8	0.75	0.46	2.0	8.1	8.1	8.1	95	11.6	0.09	5		21.57	16.54	15.33
24.0	0920	3.0			0.47	2.0		8.1	8.1	95		0.09	5		21.57	16.54	15.33
24.0	0920	4.0			0.45	1.9		7.9	8.0	93		0.09	4		21.59	16.50	15.36
24.0	0920	5.0			0.43	1.7		7.8	7.9	92		0.10	5		21.85	16.24	15.61
24.0	0920	6.0			0.41	1.5		7.9	8.0	93		0.22	14		22.14	16.05	15.88
24.0	0920	7.0			0.40	1.4		7.9	8.0	93		0.29	19		22.17	16.04	15.90
24.0	0920	8.0			0.41	1.4		8.0	8.0	93		0.32	21		22.16	16.04	15.89
24.0	0920	9.0			0.42	1.6		7.9	8.0	93		0.32	21		22.18	16.03	15.91
24.0	0920	10.0	1.6	0.32	0.42	1.6		7.9	8.0	93		0.40	27		22.18	16.02	15.91
22.0	0954	1.0			0.51	2.4		7.7	7.8	91		0.08	4	1.1	22.33	16.25	15.97
22.0	0954	2.0			0.51	2.4		7.3	7.3	86		0.07	4		22.46	16.15	16.10
22.0	0954	3.0			0.45	1.9		7.2	7.3	85		0.07	4		23.32	15.45	16.90

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	0954	4.0			0.41	1.4		7.2	7.3	84		0.09	5		23.68	15.15	17.24
22.0	0954	5.0			0.39	1.3		7.0	7.1	81		0.13	7		23.78	15.07	17.33
22.0	0954	6.0			0.40	1.4		7.1	7.2	82		0.19	12		24.21	14.64	17.75
22.0	0954	7.0			0.41	1.5		7.0	7.1	82		0.54	37		24.23	14.62	17.77
22.0	0954	8.0			0.42	1.6		7.0	7.1	82		0.74	52		24.25	14.59	17.78
22.0	0954	9.0			0.43	1.7		7.1	7.1	82		0.83	58		24.28	14.55	17.81
22.0	0954	10.0			0.44	1.7		7.1	7.2	82		0.91	63		24.28	14.55	17.81
22.0	0954	11.0			0.44	1.8		7.1	7.1	82		0.94	66		24.28	14.55	17.81
22.0	0954	12.0			0.44	1.7		7.1	7.2	82		0.95	66		24.27	14.55	17.81
22.0	0954	13.0			0.44	1.8		7.1	7.2	82		0.95	67		24.27	14.55	17.81
22.0	0954	14.0			0.44	1.8		7.1	7.2	82		0.98	68		24.27	14.55	17.81
22.0	0954	15.0			0.44	1.8		7.1	7.2	82		1.00	70		24.27	14.55	17.81
22.0	0954	16.0			0.44	1.8		7.1	7.2	82		0.98	69		24.28	14.55	17.81
22.0	0954	17.0			0.44	1.7		7.1	7.2	82		0.97	68		24.27	14.55	17.81
22.0	0954	18.0			0.44	1.7		7.1	7.2	82		1.01	70		24.27	14.55	17.81
21.0	1012	1.0			0.40	1.3		7.0	7.1	82		0.44	30	2.2	22.98	15.13	16.70
21.0	1012	2.0		0.36	0.39	1.3		7.1	7.1	82	32.9	0.33	22		23.92	14.95	17.46
21.0	1012	3.0	1.4		0.41	1.5	7.2	7.0	7.1	82		0.34	23		24.05	14.90	17.57
21.0	1012	4.0			0.42	1.6		7.1	7.2	82		0.37	25		24.15	14.86	17.66
21.0	1012	5.0			0.41	1.5		7.1	7.2	82		0.38	25		24.16	14.85	17.66
21.0	1012	6.0			0.41	1.4		7.1	7.2	82		0.38	26		24.16	14.85	17.66
21.0	1012	7.0			0.41	1.5		7.1	7.2	82		0.39	26		24.17	14.85	17.67
21.0	1012	8.0			0.42	1.5		7.1	7.2	82		0.39	26		24.19	14.84	17.69
21.0	1012	9.0			0.41	1.5		7.1	7.2	82		0.39	26		24.20	14.84	17.70
21.0	1012	10.0			0.41	1.5		7.1	7.2	82		0.39	27		24.20	14.84	17.70
21.0	1012	11.0			0.41	1.5		7.1	7.2	83		0.40	27		24.21	14.84	17.70
21.0	1012	12.0			0.41	1.5		7.1	7.2	83		0.40	27		24.21	14.84	17.70
21.0	1012	13.0			0.41	1.5		7.1	7.2	83		0.40	27		24.21	14.84	17.70
21.0	1012	14.0			0.41	1.5		7.1	7.2	83		0.41	28		24.20	14.85	17.70
21.0	1012	15.0			0.41	1.5		7.1	7.2	83		0.41	27		24.21	14.85	17.70
21.0	1012	16.0			0.41	1.5		7.1	7.2	83		0.41	28		24.22	14.85	17.71
21.0	1012	17.0	1.8	0.36	0.41	1.5		7.1	7.2	82		0.41	28		24.22	14.86	17.71
20.0	1036	1.0			0.42	1.5		7.1	7.2	83		0.27	18	1.8	22.88	15.03	16.65
20.0	1036	2.0			0.41	1.5		7.0	7.1	81		0.25	16		23.19	15.01	16.89
20.0	1036	3.0			0.39	1.3		7.0	7.1	81		0.21	13		23.61	14.72	17.26
20.0	1036	4.0			0.38	1.2		7.0	7.1	81		0.21	13		23.83	14.59	17.46
20.0	1036	5.0			0.38	1.2		6.9	7.0	80		0.23	15		24.09	14.49	17.68
20.0	1036	6.0			0.39	1.3		6.9	7.0	79		0.28	19		24.49	14.31	18.02
20.0	1036	7.0			0.40	1.4		6.8	6.9	79		0.35	24		24.75	14.19	18.25
20.0	1036	8.0			0.41	1.5		6.8	6.9	79		0.41	27		24.86	14.13	18.34
20.0	1036	9.0			0.42	1.5		6.8	6.9	79		0.43	29		24.90	14.11	18.38

South San Francisco Bay

13 June 1995

95164

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
20.0	1036	10.0			0.42	1.6		6.8	6.9	79		0.45	30		24.98	14.08	18.44
20.0	1036	11.0			0.42	1.6		6.8	6.9	78		0.47	32		25.08	14.05	18.52
20.0	1036	12.0			0.42	1.6		6.7	6.8	78		0.47	32		25.18	13.99	18.61
20.0	1036	13.0			0.43	1.6		6.7	6.8	78		0.50	34		25.51	13.83	18.90
20.0	1036	14.0			0.43	1.7		6.8	6.9	78		0.51	35		25.61	13.78	18.99
20.0	1036	15.0			0.42	1.6		6.7	6.8	77		0.49	33		25.65	13.77	19.02
20.0	1036	16.0			0.42	1.5		6.7	6.8	78		0.47	32		25.70	13.74	19.06
20.0	1036	17.0			0.42	1.6		6.7	6.8	77		0.44	30		25.87	13.66	19.21
20.0	1036	18.0			0.42	1.6		6.7	6.8	77		0.41	28		25.94	13.63	19.27
20.0	1036	19.0			0.42	1.6		6.7	6.8	77		0.41	28		25.98	13.60	19.30
20.0	1036	20.0			0.43	1.6		6.7	6.8	77		0.44	30		25.98	13.61	19.31
20.0	1036	21.0			0.43	1.6		6.7	6.8	77		0.45	31		26.02	13.59	19.34
20.0	1036	22.0			0.43	1.6		6.7	6.8	77		0.46	31		26.01	13.59	19.33
20.0	1036	23.0			0.42	1.6		6.7	6.8	77		0.47	32		26.05	13.57	19.37
20.0	1036	24.0			0.42	1.6		6.7	6.8	77		0.48	33		26.05	13.57	19.36
20.0	1036	25.0			0.42	1.6		6.7	6.8	77		0.47	32		26.06	13.56	19.38
20.0	1036	26.0			0.42	1.6		6.7	6.8	77		0.47	32		26.08	13.56	19.39
20.0	1036	27.0			0.43	1.6		6.7	6.8	77		0.49	33		26.08	13.56	19.39
20.0	1036	28.0			0.43	1.6		6.7	6.8	77		0.50	34		26.06	13.57	19.38

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.879	9.302	-2.328	1.174
OBS Calibration:	6	0.997	71.490	-1.620	16.096
Dissolved Oxygen Calibration:	5	0.986	0.981	0.230	0.056

SeaBird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1718	1.0			0.39	2.3					0.36	29	2.3	0.06	17.82	0.00
657.0	1718	2.0	2.1	0.60	0.39	2.4				25.4	0.35	28		0.06	17.79	0.00
657.0	1718	3.0			0.39	2.4					0.37	29		0.06	17.79	0.00
657.0	1718	4.0			0.39	2.4					0.38	30		0.06	17.79	0.00
657.0	1718	5.0			0.39	2.4					0.38	30		0.06	17.79	0.00
657.0	1718	6.0			0.40	2.4					0.38	30		0.06	17.79	0.00
657.0	1718	7.0			0.40	2.4					0.38	30		0.06	17.79	0.00
657.0	1718	8.0			0.40	2.4					0.38	30		0.06	17.79	0.00
657.0	1718	9.0			0.40	2.4					0.39	31		0.06	17.79	0.00
657.0	1718	10.0			0.40	2.4					0.39	30		0.06	17.78	0.00
657.0	1718	11.0	2.3	0.66	0.40	2.4					0.38	30		0.06	17.78	0.00
649.0	1624	1.0			0.46	2.5					0.34	28	2.2	0.06	18.28	0.00
649.0	1624	2.0	2.8	0.78	0.46	2.5					0.34	28		0.06	18.27	0.00
649.0	1624	3.0			0.46	2.4					0.35	28		0.06	18.27	0.00
649.0	1624	4.0			0.46	2.4					0.34	28		0.06	18.27	0.00
649.0	1624	5.0			0.46	2.5					0.34	28		0.06	18.25	0.00
649.0	1624	6.0			0.47	2.5					0.36	29		0.06	18.23	0.00
649.0	1624	7.0			0.47	2.5					0.37	29		0.06	18.23	0.00
649.0	1624	8.0			0.48	2.5					0.38	30		0.06	18.23	0.00
649.0	1624	9.0			0.49	2.5					0.41	31		0.06	18.26	0.00
649.0	1624	10.0			0.49	2.5					0.41	32		0.06	18.26	0.00
649.0	1624	11.0			0.49	2.5					0.41	32		0.06	18.25	0.00
649.0	1624	12.0	3.4	0.73	0.49	2.5					0.42	32		0.06	18.25	0.00
3.0	1558	1.0			0.48	2.5					0.55	40	2.8	0.06	18.33	0.00
3.0	1558	2.0	2.7	0.61	0.48	2.5				46.9	0.50	37		0.06	18.34	0.00
3.0	1558	3.0			0.49	2.5					0.51	37		0.06	18.31	0.00
3.0	1558	4.0			0.50	2.5					0.53	39		0.06	18.29	0.00
3.0	1558	5.0			0.51	2.5					0.59	42		0.06	18.28	0.00
3.0	1558	6.0			0.51	2.5					0.62	44		0.06	18.25	0.00
3.0	1558	7.0			0.51	2.5					0.67	47		0.06	18.25	0.00
3.0	1558	8.0			0.51	2.5					0.71	49		0.06	18.25	0.00
3.0	1558	9.0			0.52	2.5					0.75	52		0.06	18.23	0.00
3.0	1558	10.0			0.53	2.6					0.84	57		0.06	18.22	0.00
3.0	1558	11.0	2.5	0.45	0.53	2.6					0.99	65		0.06	18.22	0.00
4.0	1540	1.0			0.48	2.5					0.46	35	2.6	0.06	18.69	0.00
4.0	1540	2.0			0.48	2.5					0.45	34		0.06	18.60	0.00
4.0	1540	3.0			0.49	2.5					0.45	34		0.06	18.50	0.00
4.0	1540	4.0			0.49	2.5					0.48	36		0.06	18.44	0.00
4.0	1540	5.0			0.49	2.5					0.49	36		0.06	18.43	0.00
4.0	1540	6.0			0.49	2.5					0.49	36		0.06	18.40	0.00

North San Francisco Bay

13 June 1995

95164

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
4.0	1540	7.0			0.50	2.5					0.51	37		0.06	18.34	0.00
4.0	1540	8.0			0.50	2.5					0.51	38		0.06	18.34	0.00
4.0	1540	9.0			0.50	2.5					0.52	38		0.06	18.33	0.00
4.0	1540	10.0			0.50	2.5					0.53	39		0.06	18.29	0.00
4.0	1540	11.0			0.50	2.5					0.54	39		0.06	18.29	0.00
4.0	1540	12.0			0.50	2.5					0.54	39		0.06	18.30	0.00
4.0	1540	13.0			0.50	2.5					0.54	39		0.06	18.30	0.00
4.0	1540	14.0			0.50	2.5					0.55	40		0.06	18.28	0.00
4.0	1540	15.0			0.50	2.5					0.55	40		0.06	18.28	0.00
4.0	1540	16.0			0.50	2.5					0.56	40		0.06	18.27	0.00
4.0	1540	17.0			0.50	2.5					0.55	40		0.06	18.28	0.00
5.0	1524	1.0			0.48	2.5					0.49	36	2.7	0.06	18.45	0.00
5.0	1524	2.0			0.48	2.5					0.47	35		0.06	18.41	0.00
5.0	1524	3.0			0.48	2.5					0.50	37		0.06	18.36	0.00
5.0	1524	4.0			0.48	2.5					0.49	36		0.06	18.38	0.00
5.0	1524	5.0			0.49	2.5					0.50	37		0.06	18.35	0.00
5.0	1524	6.0			0.49	2.5					0.51	38		0.06	18.31	0.00
5.0	1524	7.0			0.49	2.5					0.51	38		0.06	18.30	0.00
5.0	1524	8.0			0.49	2.5					0.53	39		0.06	18.30	0.00
5.0	1524	9.0			0.49	2.5					0.56	40		0.06	18.30	0.00
5.0	1524	10.0			0.50	2.5					0.56	41		0.06	18.28	0.00
5.0	1524	11.0			0.51	2.5					0.60	43		0.06	18.28	0.00
5.0	1524	12.0			0.51	2.5					0.66	46		0.06	18.28	0.00
5.0	1524	13.0			0.50	2.5					0.68	47		0.06	18.29	0.00
6.0	1503	1.0			0.48	2.5					0.67	47	3.6	0.08	18.48	0.00
6.0	1503	2.0	2.6	0.61	0.48	2.5				44.3	0.63	45		0.07	18.48	0.00
6.0	1503	3.0			0.48	2.5					0.65	45		0.07	18.48	0.00
6.0	1503	4.0			0.48	2.5					0.64	45		0.07	18.48	0.00
6.0	1503	5.0			0.49	2.5					0.65	46		0.07	18.48	0.00
6.0	1503	6.0			0.49	2.5					0.67	46		0.07	18.47	0.00
6.0	1503	7.0			0.50	2.5					0.67	47		0.07	18.47	0.00
6.0	1503	8.0			0.50	2.5					0.69	48		0.07	18.47	0.00
6.0	1503	9.0			0.51	2.5					0.73	50		0.07	18.47	0.00
6.0	1503	10.0			0.51	2.5					0.74	51		0.07	18.46	0.00
6.0	1503	11.0			0.51	2.5					0.77	52		0.07	18.46	0.00
6.0	1503	12.0	2.6	0.40	0.51	2.5					0.86	58		0.07	18.46	0.00
7.0	1446	1.0			0.56	2.6					1.30	83	5.4	0.36	18.44	0.00
7.0	1446	2.0			0.56	2.6					1.28	82		0.35	18.44	0.00
7.0	1446	3.0			0.56	2.6					1.28	82		0.35	18.43	0.00
7.0	1446	4.0			0.57	2.6					1.30	83		0.36	18.43	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPH	OBS SPH	CALC SPH	EXCOF	SALIN	TEMP	SIGT
7.0	1446	5.0			0.57	2.6						1.29	83		0.35	18.44	0.00
7.0	1446	6.0			0.57	2.6						1.29	82		0.35	18.43	0.00
7.0	1446	7.0			0.57	2.6						1.30	83		0.36	18.43	0.00
7.0	1446	8.0			0.57	2.6						1.31	84		0.36	18.43	0.00
7.0	1446	9.0			0.57	2.6						1.30	83		0.36	18.43	0.00
7.0	1446	10.0			0.57	2.6						1.28	82		0.36	18.43	0.00
7.0	1446	11.0			0.57	2.6						1.30	83		0.36	18.43	0.00
7.0	1446	12.0			0.57	2.6						1.31	84		0.35	18.43	0.00
7.0	1446	13.0			0.57	2.6						1.32	84		0.35	18.43	0.00
7.0	1446	14.0			0.57	2.6						1.32	84		0.35	18.43	0.00
7.0	1446	15.0			0.56	2.6						1.36	86		0.35	18.44	0.00
8.0	1350	1.0			0.54	2.6						1.19	77	5.1	0.65	18.47	0.00
8.0	1350	2.0			0.54	2.6						1.12	73		0.67	18.44	0.00
8.0	1350	3.0			0.55	2.6						1.18	76		0.70	18.39	0.00
8.0	1350	4.0			0.55	2.6						1.28	82		0.74	18.38	0.00
8.0	1350	5.0			0.56	2.6						1.39	88		0.84	18.28	0.00
8.0	1350	6.0			0.57	2.6						1.57	99		0.95	18.22	0.00
8.0	1350	7.0			0.58	2.6						1.65	103		0.98	18.23	0.00
8.0	1350	8.0			0.59	2.6		7.9	8.1	87		1.90	118		1.01	18.18	0.00
8.0	1350	9.0			0.59	2.6		7.9	8.1	87		2.11	130		1.01	18.19	0.00
8.0	1350	10.0			0.60	2.6		7.9	8.1	86		2.06	127		1.01	18.18	0.00
8.0	1350	11.0			0.60	2.7		7.9	8.1	87		2.16	133		1.01	18.17	0.00
8.0	1350	12.0			0.60	2.6		7.9	8.1	87		2.24	137		1.03	18.17	0.00
8.0	1350	13.0			0.60	2.7		7.9	8.1	87		2.29	140		1.03	18.16	0.00
8.0	1350	14.0			0.62	2.7		8.0	8.2	88		2.49	152		1.04	18.16	0.00
8.0	1350	15.0			0.62	2.7		8.0	8.2	87		2.81	170		1.03	18.16	0.00
9.0	1335	1.0			0.52	2.5		8.7	8.7	94		1.10	72	5.2	1.41	18.41	0.00
9.0	1335	2.0	2.4	0.43	0.53	2.5	8.6	8.6	8.7	93	68.3	1.08	71		1.40	18.39	0.00
9.0	1335	3.0			0.52	2.5		8.5	8.6	93		1.07	70		1.47	18.32	0.00
9.0	1335	4.0			0.52	2.5		8.5	8.6	93		1.08	70		1.87	18.15	0.00
9.0	1335	5.0			0.52	2.5		8.5	8.6	93		1.05	69		2.11	18.12	0.19
9.0	1335	6.0			0.52	2.5		8.5	8.6	93		1.08	70		2.28	18.10	0.32
9.0	1335	7.0			0.52	2.5		8.5	8.6	93		1.13	73		2.25	18.10	0.30
9.0	1335	8.0			0.52	2.5		8.5	8.6	93		1.14	74		2.32	18.09	0.35
9.0	1335	9.0			0.51	2.5		8.5	8.6	93		1.13	73		2.36	18.07	0.39
9.0	1335	10.0			0.51	2.5		8.5	8.6	93		1.13	73		2.39	18.07	0.41
9.0	1335	11.0			0.51	2.5		8.5	8.6	93		1.14	74		2.46	18.04	0.47
9.0	1335	12.0			0.52	2.5		8.5	8.6	92		1.16	75		2.50	18.03	0.51
9.0	1335	13.0			0.54	2.6		8.5	8.6	92		1.22	78		2.73	17.98	0.69
9.0	1335	14.0			0.56	2.6		8.5	8.6	92		1.39	88		2.86	17.96	0.80
9.0	1335	15.0			0.58	2.6		8.4	8.6	92		1.73	108		2.87	17.96	0.81

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR CHL a	OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1335	16.0			0.60	2.6		8.4	8.4	8.5	92		2.05	127	3.03	17.94	0.93	
9.0	1335	17.0			0.61	2.7		8.4	8.4	8.5	92		2.55	155	3.13	17.93	1.00	
9.0	1335	18.0			0.62	2.7		8.4	8.4	8.5	92		3.16	191	3.17	17.92	1.03	
9.0	1335	19.0			0.62	2.7		8.4	8.4	8.5	92		3.39	204	3.18	17.92	1.04	
9.0	1335	20.0			0.62	2.7		8.4	8.4	8.5	92		3.43	206	3.18	17.92	1.05	
9.0	1335	21.0			0.62	2.7		8.4	8.4	8.5	92		3.42	205	3.21	17.92	1.07	
9.0	1335	22.0			0.61	2.7		8.4	8.4	8.5	92		3.38	203	3.30	17.91	1.13	
9.0	1335	23.0			0.60	2.7		8.4	8.4	8.5	92		3.27	197	3.42	17.91	1.23	
9.0	1335	24.0			0.61	2.7		8.4	8.4	8.5	92		3.11	188	3.43	17.91	1.24	
9.0	1335	25.0			0.61	2.7		8.4	8.4	8.5	92		3.13	189	3.47	17.90	1.27	
9.0	1335	26.0			0.60	2.7		8.4	8.4	8.5	92		3.13	189	3.49	17.90	1.28	
9.0	1335	27.0			0.60	2.7		8.4	8.4	8.5	92		3.13	189	3.49	17.90	1.29	
9.0	1335	28.0			0.60	2.7		8.4	8.4	8.5	92		3.14	190	3.49	17.90	1.28	
9.0	1335	29.0			0.60	2.7		8.4	8.4	8.5	92		3.17	191	3.48	17.91	1.27	
9.0	1335	30.0			0.61	2.7		8.4	8.4	8.5	92		3.18	192	3.48	17.91	1.28	
9.0	1335	31.0			0.58	2.6		8.4	8.4	8.5	92		3.31	199	3.48	17.91	1.27	
9.0	1335	32.0	2.5	0.25	0.56	2.6		8.2	8.2	8.4	90		4.23	252	3.45	17.91	1.25	
10.0	1322	1.0			0.49	2.5		8.6	8.6	8.6	94		0.81	55	2.28	18.47	0.25	
10.0	1322	2.0			0.49	2.5		8.6	8.6	8.6	94		0.79	54	2.37	18.43	0.33	
10.0	1322	3.0			0.50	2.5		8.5	8.5	8.6	94		0.78	53	2.46	18.43	0.40	
10.0	1322	4.0			0.50	2.5		8.5	8.5	8.6	93		0.77	52	2.50	18.42	0.43	
10.0	1322	5.0			0.50	2.5		8.5	8.5	8.6	93		0.77	53	2.61	18.38	0.52	
10.0	1322	6.0			0.50	2.5		8.5	8.5	8.6	93		0.77	53	2.82	18.30	0.69	
10.0	1322	7.0			0.50	2.5		8.5	8.5	8.6	93		0.79	54	2.86	18.28	0.73	
10.0	1322	8.0			0.49	2.5		8.4	8.4	8.5	92		0.81	55	2.89	18.26	0.76	
10.0	1322	9.0			0.49	2.5		8.4	8.4	8.5	92		0.83	56	3.13	18.13	0.96	
10.0	1322	10.0			0.49	2.5		8.4	8.4	8.5	92		0.82	56	3.49	18.00	1.26	
10.0	1322	11.0			0.50	2.5		8.4	8.4	8.5	92		0.87	58	3.53	17.97	1.30	
10.0	1322	12.0			0.50	2.5		8.4	8.4	8.5	92		1.02	67	3.60	17.95	1.36	
10.0	1322	13.0			0.53	2.5		8.3	8.3	8.4	91		1.16	75	3.90	17.92	1.59	
10.0	1322	14.0			0.56	2.6		8.2	8.2	8.4	91		1.83	113	4.89	17.86	2.36	
10.0	1322	15.0			0.58	2.6		8.2	8.2	8.4	91		2.49	152	5.16	17.84	2.57	
10.0	1322	16.0			0.60	2.6		8.2	8.2	8.4	91		2.92	177	5.31	17.82	2.69	
10.0	1322	17.0			0.61	2.7		8.2	8.2	8.4	91		3.18	191	5.34	17.82	2.71	
10.0	1322	18.0			0.61	2.7		8.2	8.2	8.4	91		3.31	199	5.35	17.82	2.72	
10.0	1322	19.0			0.62	2.7		8.2	8.2	8.4	91		3.55	213	5.36	17.83	2.72	
11.0	1304	1.0			0.42	2.4		8.1	8.1	8.3	90		0.38	30	4.52	18.12	2.03	
11.0	1304	2.0			0.43	2.4		8.2	8.2	8.3	90		0.37	29	5.04	17.73	2.50	
11.0	1304	3.0			0.42	2.4		8.2	8.2	8.3	90		0.37	29	5.49	17.66	2.86	
11.0	1304	4.0			0.42	2.4		8.1	8.1	8.3	90		0.36	29	5.69	17.64	3.01	
11.0	1304	5.0			0.42	2.4		8.1	8.1	8.3	90		0.35	28	5.91	17.63	3.18	

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCDF	SALIN	TEMP	SIGT
11.0	1304	6.0			0.42	2.4		8.1	8.3	90		0.35	28		6.17	17.60	3.39
11.0	1304	7.0			0.42	2.4		8.1	8.2	90		0.34	28		6.37	17.58	3.54
11.0	1304	8.0			0.43	2.4		8.0	8.2	90		0.34	28		7.29	17.51	4.25
11.0	1304	9.0			0.45	2.4		8.0	8.2	90		0.36	29		7.67	17.49	4.55
11.0	1304	10.0			0.47	2.5		7.9	8.1	89		0.39	30		8.40	17.45	5.12
11.0	1304	11.0			0.51	2.5		7.8	8.1	89		0.43	33		9.11	17.40	5.66
11.0	1304	12.0			0.54	2.6		7.8	8.0	89		0.60	43		9.28	17.37	5.80
11.0	1304	13.0			0.58	2.6		7.8	8.0	89		1.40	89		9.37	17.37	5.86
11.0	1304	14.0			0.62	2.7		7.8	8.0	89		1.65	103		9.38	17.36	5.87
11.0	1304	15.0			0.65	2.7		7.8	8.0	89		2.33	142		9.37	17.36	5.87
11.0	1304	16.0			0.66	2.7		7.8	8.0	89		3.32	200		9.40	17.35	5.89
11.0	1304	17.0			0.68	2.8		7.8	8.0	89		4.30	256		9.40	17.35	5.89
11.0	1304	18.0			0.70	2.8		7.8	8.0	89		4.88	289		9.45	17.35	5.93
11.0	1304	19.0			0.72	2.8		7.8	8.0	89		5.34	317		9.44	17.35	5.93
11.0	1304	20.0			0.72	2.8		7.8	8.0	89		5.55	328		9.43	17.35	5.91
12.0	1249	1.0			0.42	2.4		7.9	8.1	90		0.38	30	2.4	4.89	18.82	2.17
12.0	1249	2.0			0.43	2.4		8.0	8.2	89		0.37	29		5.63	17.96	2.90
12.0	1249	3.0			0.44	2.4		8.0	8.2	89		0.34	27		6.58	17.63	3.69
12.0	1249	4.0			0.44	2.4		7.7	7.9	87		0.32	27		7.80	17.52	4.64
12.0	1249	5.0			0.47	2.5		7.5	7.7	86		0.33	27		10.57	17.22	6.81
12.0	1249	6.0			0.56	2.6		7.4	7.7	86		0.39	30		12.85	16.88	8.61
12.0	1249	7.0			0.68	2.8		7.4	7.7	86		0.94	62		13.43	16.77	9.08
12.0	1249	8.0			0.76	2.9		7.4	7.7	86		2.31	141		13.69	16.72	9.28
12.0	1249	9.0			0.78	2.9		7.4	7.7	86		3.67	220		13.87	16.67	9.44
12.0	1249	10.0			0.76	2.9		7.4	7.7	86		7.66	450		13.88	16.67	9.44
13.0	1225	1.0			0.48	2.5		7.6	7.9	89		0.31	26	2.1	11.31	17.88	7.24
13.0	1225	2.0		0.65	0.47	2.5	7.9	7.5	7.7	87	26.6	0.31	26		11.80	17.35	7.72
13.0	1225	3.0			0.44	2.4		7.5	7.8	87		0.32	26		13.57	16.82	9.18
13.0	1225	4.0			0.42	2.4		7.4	7.7	86		0.36	29		14.23	16.66	9.71
13.0	1225	5.0			0.44	2.4		7.2	7.5	84		0.38	30		15.07	16.50	10.38
13.0	1225	6.0			0.53	2.6		7.1	7.4	84		0.43	33		17.25	16.06	12.13
13.0	1225	7.0			0.64	2.7		7.1	7.4	84		1.06	69		18.29	15.81	12.98
13.0	1225	8.0			0.70	2.8		7.1	7.4	84		2.32	142		18.43	15.78	13.09
13.0	1225	9.0			0.71	2.8		7.1	7.4	84		3.93	235		18.47	15.77	13.12
13.0	1225	10.0		0.19	0.71	2.8		7.1	7.5	85		5.04	299		18.51	15.77	13.15
14.0	1211	1.0			0.43	2.4		7.5	7.8	87		0.38	30	2.1	14.64	16.78	10.00
14.0	1211	2.0			0.43	2.4		7.5	7.8	88		0.37	29		15.63	16.49	10.81
14.0	1211	3.0			0.44	2.4		7.4	7.7	87		0.46	35		15.83	16.44	10.97
14.0	1211	4.0			0.45	2.4		7.4	7.7	87		0.60	43		16.16	16.35	11.24
14.0	1211	5.0			0.46	2.5		7.3	7.7	86		0.78	53		16.48	16.26	11.51

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
14.0	1211	6.0			0.47	2.5		7.3	7.6	86		1.05	69		17.04	16.13	11.96
14.0	1211	7.0			0.48	2.5		7.3	7.6	86		1.15	74		17.43	16.07	12.27
14.0	1211	8.0			0.50	2.5		7.2	7.5	85		1.42	90		17.61	16.03	12.41
14.0	1211	9.0			0.52	2.5		7.1	7.5	85		1.81	113		18.14	15.88	12.85
14.0	1211	10.0			0.56	2.6		7.1	7.5	85		2.33	143		18.74	15.73	13.33
14.0	1211	11.0			0.62	2.7		7.1	7.5	84		3.72	223		18.95	15.68	13.50
14.0	1211	12.0			0.70	2.8		7.1	7.4	84		6.20	366		19.04	15.66	13.58
14.0	1211	13.0			0.76	2.9		7.1	7.4	84		8.71	511		19.07	15.65	13.60
14.0	1211	14.0			0.75	2.9		7.1	7.4	84		10.32	604		19.11	15.63	13.64
15.0	1152	1.0			0.45	2.4		7.6	7.9	90		0.34	28	2.2	14.32	17.31	9.65
15.0	1152	2.0	2.0	0.63	0.44	2.4	7.9	7.6	7.8	89	26.2	0.34	28		14.55	16.88	9.91
15.0	1152	3.0			0.43	2.4		7.6	7.9	89		0.35	28		15.02	16.64	10.31
15.0	1152	4.0			0.43	2.4		7.6	7.9	89		0.41	32		15.12	16.65	10.39
15.0	1152	5.0			0.43	2.4		7.6	7.9	89		0.45	34		15.25	16.68	10.48
15.0	1152	6.0			0.43	2.4		7.5	7.8	88		0.50	37		15.47	16.65	10.65
15.0	1152	7.0			0.43	2.4		7.4	7.7	87		0.52	38		16.02	16.45	11.12
15.0	1152	8.0			0.44	2.4		7.4	7.7	87		0.57	41		16.86	16.25	11.80
15.0	1152	9.0			0.45	2.4		7.3	7.6	86		0.67	46		17.43	16.09	12.26
15.0	1152	10.0			0.47	2.5		7.3	7.6	86		0.82	55		17.92	15.96	12.66
15.0	1152	11.0			0.54	2.6		7.2	7.6	86		0.99	65		18.24	15.87	12.93
15.0	1152	12.0			0.61	2.7		7.2	7.6	86		1.42	90		18.62	15.77	13.24
15.0	1152	13.0			0.66	2.7		7.2	7.5	85		2.12	130		18.74	15.74	13.34
15.0	1152	14.0			0.69	2.8		7.2	7.5	85		3.12	188		19.10	15.64	13.63
15.0	1152	15.0			0.70	2.8		7.2	7.5	85		4.30	256		19.29	15.59	13.79
15.0	1152	16.0			0.69	2.8		7.2	7.5	85		5.16	306		19.42	15.56	13.90
15.0	1152	17.0			0.66	2.7		7.2	7.5	85		5.34	316		19.60	15.51	14.04
15.0	1152	18.0			0.63	2.7		7.2	7.5	85		4.92	292		19.78	15.46	14.18
15.0	1152	19.0			0.62	2.7		7.2	7.5	85		4.04	241		19.78	15.46	14.19
15.0	1152	20.0			0.61	2.7		7.2	7.5	85		3.91	234		19.81	15.45	14.21
15.0	1152	21.0			0.61	2.7		7.2	7.5	85		3.77	226		19.82	15.45	14.21
15.0	1152	22.0			0.60	2.7		7.2	7.5	85		3.73	223		19.82	15.45	14.22
15.0	1152	23.0			0.60	2.7		7.2	7.5	85		3.70	222		19.82	15.45	14.21
15.0	1152	24.0	1.9	0.17	0.60	2.7		7.2	7.5	85		3.71	222		19.78	15.46	14.19
16.0	1132	1.0			0.40	2.4		7.0	7.4	84		0.37	30	2.1	19.31	15.65	13.79
16.0	1132	2.0			0.41	2.4		6.8	7.2	82		0.39	31		21.10	15.13	15.26
16.0	1132	3.0			0.42	2.4		6.7	7.1	81		0.43	33		22.43	14.73	16.36
16.0	1132	4.0			0.43	2.4		6.7	7.1	81		0.47	35		23.71	14.33	17.42
16.0	1132	5.0			0.45	2.4		6.7	7.1	81		0.56	40		24.07	14.23	17.71
16.0	1132	6.0			0.45	2.4		6.7	7.1	81		0.66	46		24.15	14.20	17.78
16.0	1132	7.0			0.46	2.4		6.7	7.2	81		0.74	50		24.21	14.18	17.83
16.0	1132	8.0			0.47	2.5		6.8	7.2	81		0.79	54		24.27	14.16	17.88

North San Francisco Bay

13 June 1995

95164

STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	FLUOR	CALC		DISCR	CALC		% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a			CHL a	OXYG		OXYG	SAT								
16.0	1132	9.0			0.47	2.5	6.7	7.2		7.2	81		0.82	56		24.30	14.15	17.91	
16.0	1132	10.0			0.48	2.5	6.8	7.2		7.2	81		0.90	60		24.32	14.15	17.92	
16.0	1132	11.0			0.48	2.5	6.8	7.2		7.2	81		0.98	65		24.30	14.16	17.91	
16.0	1132	12.0			0.48	2.5	6.8	7.2		7.2	82		1.00	66		24.30	14.16	17.91	
16.0	1132	13.0			0.48	2.5	6.8	7.2		7.2	82		1.00	66		24.30	14.16	17.90	
16.0	1132	14.0			0.49	2.5	6.8	7.2		7.2	82		1.04	68		24.29	14.16	17.90	
17.0	1115	1.0			0.40	2.4	7.0	7.3		7.3	83		0.39	31	2.5	21.95	14.90	15.96	
17.0	1115	2.0			0.41	2.4	6.8	7.2		7.2	82		0.45	34		22.13	14.85	16.10	
17.0	1115	3.0			0.42	2.4	6.7	7.1		7.1	80		0.49	36		22.96	14.57	16.80	
17.0	1115	4.0			0.43	2.4	6.7	7.1		7.1	81		0.55	40		24.20	14.20	17.82	
17.0	1115	5.0			0.45	2.4	6.7	7.1		7.1	80		0.74	51		24.50	14.10	18.07	
17.0	1115	6.0			0.46	2.4	6.6	7.1		7.1	80		0.83	56		24.72	14.03	18.25	
17.0	1115	7.0			0.46	2.5	6.6	7.1		7.1	80		0.86	57		25.08	13.90	18.56	
17.0	1115	8.0			0.47	2.5	6.6	7.1		7.1	80		0.91	60		25.32	13.82	18.75	
17.0	1115	9.0			0.48	2.5	6.6	7.1		7.1	80		0.97	64		25.34	13.81	18.77	
17.0	1115	10.0			0.49	2.5	6.6	7.1		7.1	80		1.11	72		25.36	13.80	18.79	
17.0	1115	11.0			0.49	2.5	6.6	7.1		7.1	80		1.18	76		25.37	13.79	18.80	
17.0	1115	12.0			0.51	2.5	6.6	7.1		7.1	80		1.23	79		25.42	13.77	18.84	
17.0	1115	13.0			0.52	2.5	6.6	7.1		7.1	80		1.29	82		25.46	13.76	18.88	
17.0	1115	14.0			0.52	2.5	6.7	7.1		7.1	80		1.37	87		25.51	13.73	18.92	
18.0	1057	1.0			0.41	2.4	7.0	7.3		7.3	84		1.01	66	1.5	23.53	14.81	17.19	
18.0	1057	2.0			0.42	2.4	6.9	7.3		7.3	84		0.28	24		23.99	14.64	17.57	
18.0	1057	3.0	2.3	0.64	0.42	2.4	7.2	7.2		7.2	82	21.0	0.24	22		24.73	14.22	18.23	
18.0	1057	4.0			0.42	2.4	6.8	7.2		7.2	82		0.23	21		25.54	13.91	18.91	
18.0	1057	5.0			0.42	2.4	6.7	7.2		7.2	81		0.22	21		25.46	13.96	18.84	
18.0	1057	6.0			0.43	2.4	6.8	7.2		7.2	82		0.22	21		25.70	13.84	19.04	
18.0	1057	7.0			0.44	2.4	6.8	7.2		7.2	82		0.22	21		25.71	13.83	19.06	
18.0	1057	8.0			0.44	2.4	6.7	7.1		7.1	81		0.23	21		25.64	13.86	18.99	
18.0	1057	9.0			0.44	2.4	6.7	7.1		7.1	81		0.23	21		25.82	13.76	19.15	
18.0	1057	10.0			0.45	2.4	6.7	7.1		7.1	80		0.23	21		25.94	13.68	19.26	
18.0	1057	11.0			0.45	2.4	6.6	7.1		7.1	80		0.24	22		26.20	13.56	19.48	
18.0	1057	12.0			0.45	2.4	6.6	7.0		7.0	79		0.25	22		26.39	13.43	19.65	
18.0	1057	13.0			0.45	2.4	6.6	7.0		7.0	80		0.26	23		26.67	13.30	19.89	
18.0	1057	14.0			0.45	2.4	6.6	7.0		7.0	79		0.26	23		26.65	13.32	19.88	
18.0	1057	15.0			0.45	2.4	6.5	7.0		7.0	79		0.26	23		26.73	13.26	19.95	
18.0	1057	16.0			0.45	2.4	6.6	7.0		7.0	79		0.28	24		26.93	13.15	20.13	
18.0	1057	17.0			0.45	2.4	6.6	7.0		7.0	80		0.29	25		26.96	13.13	20.15	
18.0	1057	18.0			0.46	2.4	6.7	7.1		7.1	80		0.29	25		26.81	13.20	20.02	
18.0	1057	19.0			0.46	2.5	6.7	7.1		7.1	80		0.29	25		26.50	13.39	19.75	
18.0	1057	20.0			0.47	2.5	6.7	7.2		7.2	81		0.28	24		26.43	13.43	19.69	
18.0	1057	21.0			0.46	2.5	6.7	7.1		7.1	81		0.27	24		26.30	13.48	19.57	

North San Francisco Bay

13 June 1995

95164

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1057	22.0			0.45	2.4		6.7	7.1	81		0.25	23		26.22	13.55	19.50
18.0	1057	23.0			0.45	2.4		6.7	7.1	81		0.25	22		26.30	13.51	19.57
18.0	1057	24.0			0.45	2.4		6.7	7.1	81		0.24	22		26.28	13.52	19.55
18.0	1057	25.0			0.45	2.4		6.7	7.1	80		0.24	22		26.29	13.52	19.56
18.0	1057	26.0			0.45	2.4		6.4	6.9	78		0.24	22		26.28	13.52	19.56
18.0	1057	27.0			0.45	2.4		6.4	6.9	77		0.24	22		26.91	13.19	20.10
18.0	1057	28.0			0.47	2.5		6.5	6.9	78		0.26	23		27.61	12.78	20.72
18.0	1057	29.0			0.48	2.5		6.4	6.9	78		0.35	28		27.61	12.78	20.71
18.0	1057	30.0			0.47	2.5		6.4	6.9	78		0.38	30		27.60	12.78	20.71
18.0	1057	31.0			0.47	2.5		6.4	6.9	78		0.37	30		27.60	12.79	20.71
18.0	1057	32.0			0.47	2.5		6.4	6.9	78		0.37	29		27.59	12.78	20.70
18.0	1057	33.0			0.47	2.5		6.5	6.9	78		0.37	30		27.59	12.79	20.70
18.0	1057	34.0			0.48	2.5		6.4	6.9	78		0.37	29		27.59	12.79	20.70
18.0	1057	35.0			0.47	2.5		6.4	6.9	78		0.37	29		27.58	12.79	20.69
18.0	1057	36.0			0.47	2.5		6.4	6.9	78		0.37	29		27.59	12.79	20.70
18.0	1057	37.0			0.46	2.5		6.4	6.9	78		0.39	31		27.58	12.79	20.69
18.0	1057	38.0			0.46	2.4		6.5	6.9	78		0.41	32		27.59	12.79	20.70
18.0	1057	39.0			0.46	2.4		6.5	6.9	78		0.41	32		27.58	12.79	20.69
18.0	1057	40.0			0.46	2.5		6.5	6.9	78		0.42	33		27.58	12.80	20.69
18.0	1057	41.0	2.4	0.71	0.47	2.5		6.5	6.9	78		0.42	32		27.58	12.80	20.69

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	16	0.087	1.412	1.801	0.377
OBS Calibration:	7	0.930	57.707	8.079	4.939
Dissolved Oxygen Calibration:	4	0.964	0.820	1.629	0.134

Seabird v4.026

South San Francisco Bay

18 July 1995

95199

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0640	1.0			0.271	1.2	6.1	7.1	92		0.35	27		19.48	22.41	12.37
36.0	0640	2.0	1.3	0.43	0.271	1.2	6.1	7.1	93	27.8	0.35	28		19.73	22.56	12.51
36.0	0640	3.0			0.271	1.2	6.1	7.1	92		0.37	29		19.98	22.57	12.70
36.0	0640	4.0			0.273	1.2	6.1	7.1	93		0.38	30		20.13	22.55	12.82
36.0	0640	5.0			0.276	1.2	6.2	7.1	92		0.39	31		20.14	22.54	12.83
36.0	0640	6.0			0.277	1.2	6.2	7.1	92		0.43	33		20.15	22.54	12.84
36.0	0640	7.0			0.278	1.2	6.2	7.1	92		0.44	34		20.16	22.54	12.84
36.0	0640	8.0			0.281	1.2	6.1	7.1	93		0.49	37		20.17	22.56	12.85
36.0	0640	9.0	0.8	0.62	0.281	1.2	6.2	7.1	93		0.53	40		20.18	22.57	12.85
34.0	0700	1.0			0.173	1.3	6.4	7.0	92		0.26	21		20.66	22.35	13.27
34.0	0700	2.0			0.177	1.3	6.5	7.0	92		0.25	20		20.68	22.36	13.29
34.0	0700	3.0			0.177	1.3	6.5	7.0	92		0.25	21		20.74	22.34	13.33
34.0	0700	4.0			0.161	1.4	6.4	7.0	92		0.27	22		20.77	22.35	13.35
34.0	0700	5.0			0.143	1.4	6.4	7.0	92		0.29	23		20.79	22.36	13.37
34.0	0700	6.0			0.133	1.4	6.4	7.0	92		0.29	23		20.80	22.37	13.37
34.0	0700	7.0			0.127	1.4	6.4	7.0	92		0.29	23		20.80	22.37	13.37
34.0	0700	8.0			0.129	1.4	6.5	7.0	92		0.29	24		20.81	22.36	13.38
32.0	0719	1.0			0.152	1.4	6.6	7.0	91		0.16	14		21.16	22.03	13.73
32.0	0719	2.0	1.7	0.74	0.149	1.4	6.6	7.0	91	13.9	0.16	14		21.17	22.06	13.73
32.0	0719	3.0			0.146	1.4	6.6	7.0	91		0.15	13		21.22	22.10	13.76
32.0	0719	4.0			0.145	1.4	6.6	7.0	91		0.16	14		21.30	22.10	13.81
32.0	0719	5.0			0.146	1.4	6.6	7.0	91		0.17	14		21.40	22.10	13.90
32.0	0719	6.0			0.147	1.4	6.6	7.0	91		0.15	13		21.50	22.08	13.97
32.0	0719	7.0			0.149	1.4	6.5	7.0	91		0.15	13		21.57	22.05	14.04
32.0	0719	8.0			0.152	1.4	6.5	7.0	92		0.13	12		21.68	22.02	14.12
32.0	0719	9.0			0.156	1.4	6.6	7.0	91		0.14	12		21.72	22.00	14.16
32.0	0719	10.0			0.157	1.4	6.5	7.0	91		0.14	13		21.73	22.00	14.17
32.0	0719	11.0			0.155	1.4	6.6	7.0	91		0.15	13		21.73	22.00	14.17
32.0	0719	12.0			0.152	1.4	6.5	7.0	92		0.15	13		21.74	22.00	14.18
32.0	0719	13.0			0.151	1.4	6.5	7.0	92		0.15	13		21.75	22.00	14.19
30.0	0745	1.0			0.144	1.4	6.7	7.0	91		0.04	5		22.32	21.64	14.70
30.0	0745	2.0	0.8	0.57	0.144	1.4	6.7	7.0	91	5.6	0.04	5		22.31	21.64	14.70
30.0	0745	3.0			0.144	1.4	6.7	7.0	91		0.03	5		22.32	21.64	14.71
30.0	0745	4.0			0.142	1.4	6.7	7.0	91		0.04	5		22.32	21.64	14.71
30.0	0745	5.0			0.139	1.4	6.7	7.0	91		0.03	4		22.33	21.65	14.72
30.0	0745	6.0			0.137	1.4	6.7	7.0	91		0.04	5		22.34	21.65	14.72
30.0	0745	7.0			0.135	1.4	6.7	7.0	91		0.04	5		22.35	21.66	14.73
30.0	0745	8.0			0.133	1.4	6.7	7.0	91		0.03	5		22.37	21.66	14.74
30.0	0745	9.0			0.131	1.4	6.7	7.0	91		0.04	5		22.43	21.67	14.78
30.0	0745	10.0			0.133	1.4	6.7	7.0	91		0.03	4		22.47	21.66	14.81

South San Francisco Bay

18 July 1995

95199

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
30.0	0745	11.0			0.137	1.4	6.7	7.0	91		0.03	4		22.48	21.64	14.83
30.0	0745	12.0			0.136	1.4	6.7	7.0	91		0.03	4		22.48	21.64	14.83
30.0	0745	13.0			0.135	1.4	6.7	7.0	91		0.02	4		22.49	21.64	14.84
30.0	0745	14.0	1.1		0.135	1.4	6.6	7.0	91		0.02	4		22.49	21.64	14.84
29.0	0807	1.0			0.104	1.5	6.9	7.0	90		0.03	4		22.41	21.39	14.84
29.0	0807	2.0			0.094	1.5	6.9	7.0	90		0.01	3		22.42	21.37	14.86
29.0	0807	3.0			0.092	1.5	6.9	7.0	90		0.01	3		22.43	21.36	14.86
29.0	0807	4.0			0.106	1.5	7.0	6.9	90		0.02	3		22.43	21.32	14.87
29.0	0807	5.0			0.130	1.4	6.9	7.0	90		0.02	4		22.62	21.48	14.98
29.0	0807	6.0			0.155	1.4	6.9	7.0	90		0.02	3		22.77	21.49	15.09
29.0	0807	7.0			0.174	1.3	6.9	7.0	90		0.02	3		22.82	21.48	15.13
29.0	0807	8.0			0.185	1.3	6.9	7.0	90		0.00	3		22.86	21.44	15.16
29.0	0807	9.0			0.188	1.3	6.9	7.0	90		0.01	3		22.89	21.44	15.19
29.0	0807	10.0			0.188	1.3	6.8	7.0	90		0.01	3		22.91	21.46	15.20
29.0	0807	11.0			0.187	1.3	6.9	7.0	90		0.02	4		22.97	21.48	15.24
29.0	0807	12.0			0.180	1.3	6.9	7.0	91		0.02	4		23.07	21.47	15.32
29.0	0807	13.0			0.171	1.3	6.9	7.0	91		0.02	4		23.11	21.46	15.36
29.0	0807	14.0			0.166	1.4	6.8	7.0	91		0.01	3		23.13	21.46	15.36
29.0	0807	15.0			0.167	1.4	6.9	7.0	91		0.02	4		23.13	21.46	15.37
27.0	0830	1.0			0.167	1.4	7.0	6.9	90		0.00	2		22.93	21.20	15.28
27.0	0830	2.0		0.86	0.160	1.4	7.0	6.9	90	2.0	0.00	2		23.01	21.21	15.34
27.0	0830	3.0	3.1		0.157	1.4	6.8	7.0	90		0.00	2		23.08	21.28	15.38
27.0	0830	4.0			0.160	1.4	6.8	7.0	91		0.00	2		23.58	21.21	15.77
27.0	0830	5.0			0.163	1.4	6.8	7.0	90		0.00	2		23.73	21.07	15.93
27.0	0830	6.0			0.163	1.4	6.8	7.0	90		0.00	2		23.79	21.01	15.98
27.0	0830	7.0			0.160	1.4	6.8	7.0	90		0.01	3		23.87	20.93	16.06
27.0	0830	8.0			0.156	1.4	6.8	7.0	90		0.01	3		23.92	20.88	16.11
27.0	0830	9.0			0.153	1.4	6.8	7.0	90		0.01	3		23.98	20.82	16.17
27.0	0830	10.0			0.150	1.4	6.8	7.0	90		0.00	2		24.00	20.78	16.20
27.0	0830	11.0	0.7	0.64	0.151	1.4	6.8	7.0	90		0.00	2		24.03	20.76	16.23
25.0	0855	1.0			0.121	1.4	7.1	6.9	89		0.00	2		23.68	20.70	15.98
25.0	0855	2.0			0.124	1.4	6.9	7.0	89		0.00	2		24.03	20.50	16.29
25.0	0855	3.0			0.128	1.4	6.7	7.0	90		0.00	2		24.35	20.29	16.59
25.0	0855	4.0			0.122	1.4	6.7	7.0	89		0.00	2		24.73	19.93	16.97
25.0	0855	5.0			0.119	1.4	6.8	7.0	88		0.00	2		25.09	19.55	17.33
25.0	0855	6.0			0.139	1.4	6.9	7.0	88		0.00	2		25.19	19.44	17.43
25.0	0855	7.0			0.158	1.4	6.9	7.0	88		0.00	2		25.20	19.41	17.45
25.0	0855	8.0			0.154	1.4	6.9	7.0	88		0.00	2		25.20	19.41	17.45

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
24.0	0909	1.0			0.168	1.4		6.9	7.0	88		0.00	2		24.55	19.87	16.85
24.0	0909	2.0	1.5	0.79	0.156	1.4	6.9	6.9	6.9	88	2.5	0.00	2		24.88	19.62	17.16
24.0	0909	3.0			0.146	1.4		7.0	6.9	88		0.00	2		25.18	19.35	17.45
24.0	0909	4.0			0.130	1.4		7.0	6.9	88		0.00	2		25.33	19.19	17.61
24.0	0909	5.0			0.115	1.4		7.0	6.9	87		0.00	2		25.42	19.08	17.70
24.0	0909	6.0			0.117	1.4		7.0	6.9	87		0.00	2		25.43	19.06	17.71
24.0	0909	7.0			0.137	1.4		7.1	6.9	87		0.00	2		25.44	19.05	17.72
24.0	0909	8.0			0.152	1.4		7.0	6.9	87		0.01	3		25.46	19.03	17.74
24.0	0909	9.0			0.158	1.4		7.0	6.9	87		0.01	3		25.46	19.02	17.74
24.0	0909	10.0	0.9	0.69	0.158	1.4		7.1	6.9	87		0.04	5		25.46	19.03	17.74
22.0	0937	1.0			0.171	1.3		7.6	6.8	84		0.00	2		25.45	18.11	17.95
22.0	0937	2.0			0.151	1.4		7.6	6.8	85		0.01	3		25.51	18.14	17.99
22.0	0937	3.0			0.139	1.4		7.5	6.9	85		0.00	2		25.60	18.26	18.03
22.0	0937	4.0			0.133	1.4		7.4	6.9	85		0.00	3		25.67	18.32	18.07
22.0	0937	5.0			0.140	1.4		7.3	6.9	86		0.00	2		25.70	18.34	18.08
22.0	0937	6.0			0.158	1.4		7.2	6.9	86		0.01	3		25.71	18.33	18.09
22.0	0937	7.0			0.177	1.3		7.1	6.9	86		0.00	3		25.82	18.22	18.20
22.0	0937	8.0			0.190	1.3		7.1	6.9	86		0.01	3		25.95	18.09	18.33
22.0	0937	9.0			0.196	1.3		7.1	6.9	86		0.01	3		26.05	17.99	18.44
22.0	0937	10.0			0.200	1.3		7.1	6.9	86		0.03	5		26.14	17.90	18.52
22.0	0937	11.0			0.194	1.3		7.1	6.9	86		0.03	4		26.19	17.83	18.58
22.0	0937	12.0			0.180	1.3		7.1	6.9	85		0.05	6		26.30	17.71	18.69
22.0	0937	13.0			0.168	1.4		7.1	6.9	85		0.06	7		26.36	17.64	18.75
22.0	0937	14.0			0.159	1.4		7.1	6.9	85		0.08	8		26.44	17.55	18.83
22.0	0937	15.0			0.150	1.4		7.1	6.9	85		0.11	10		26.50	17.49	18.90
22.0	0937	16.0			0.143	1.4		7.1	6.9	85		0.12	11		26.55	17.45	18.94
22.0	0937	17.0			0.143	1.4		7.1	6.9	85		0.14	12		26.57	17.43	18.96
21.0	0951	1.0			0.196	1.3		6.9	7.0	88		0.00	2	0.5	25.25	19.40	17.49
21.0	0951	2.0	1.4	0.88	0.183	1.3	6.8	6.9	7.0	88		0.00	2		25.42	19.17	17.67
21.0	0951	3.0			0.168	1.4		6.9	7.0	88		0.00	2		25.60	19.01	17.85
21.0	0951	4.0			0.151	1.4		6.9	7.0	88		0.00	2		25.65	18.94	17.91
21.0	0951	5.0			0.137	1.4		6.8	7.0	88		0.00	2		25.66	18.88	17.93
21.0	0951	6.0			0.132	1.4		6.7	7.0	88		0.00	2		25.68	18.63	18.00
21.0	0951	7.0			0.133	1.4		7.0	6.9	86		0.00	3		25.67	17.94	18.16
21.0	0951	8.0			0.134	1.4		7.1	6.9	85		0.00	2		25.77	17.82	18.26
21.0	0951	9.0			0.137	1.4		7.1	6.9	85		0.00	3		25.89	17.87	18.34
21.0	0951	10.0			0.139	1.4		7.0	6.9	86		0.01	3		26.03	17.91	18.44
21.0	0951	11.0			0.138	1.4		7.0	6.9	86		0.01	3		26.19	17.85	18.57
21.0	0951	12.0			0.141	1.4		7.0	6.9	86		0.02	4		26.23	17.82	18.61
21.0	0951	13.0			0.142	1.4		7.0	6.9	86		0.03	5		26.28	17.78	18.66
21.0	0951	14.0			0.142	1.4		7.0	6.9	85		0.05	6		26.34	17.73	18.72

South San Francisco Bay

18 July 1995

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STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL a/	DISCR CHL a	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	0951	15.0	1.3	0.54		0.144	1.4	1.4	7.1	7.1	6.9	85		0.05	6		26.38	17.68	18.76
21.0	0951	16.0	1.4			0.143	1.4	1.4	7.1	7.1	6.9	85		0.07	7		26.45	17.62	18.83
20.0	1009	1.0	1.4			0.209	1.3	1.3	7.5	7.5	6.8	84		0.00	3	0.7	25.53	17.77	18.09
20.0	1009	2.0	1.4	0.88		0.205	1.3	1.3	7.5	7.5	6.8	84	6.8	0.00	3		25.53	17.76	18.09
20.0	1009	3.0	1.4			0.217	1.3	1.3	7.5	7.5	6.8	84		0.01	3		25.57	17.75	18.12
20.0	1009	4.0	1.4			0.210	1.3	1.3	7.4	7.4	6.9	84		0.02	4		25.69	17.71	18.22
20.0	1009	5.0	1.4			0.170	1.3	1.3	7.4	7.4	6.9	84		0.03	4		25.84	17.64	18.35
20.0	1009	6.0	1.4			0.137	1.4	1.4	7.3	7.3	6.9	85		0.03	4		26.10	17.52	18.58
20.0	1009	7.0	1.4			0.116	1.4	1.4	7.3	7.3	6.9	85		0.02	4		26.23	17.49	18.69
20.0	1009	8.0	1.4			0.105	1.5	1.5	7.3	7.3	6.9	85		0.02	4		26.30	17.45	18.75
20.0	1009	9.0	1.4			0.121	1.4	1.4	7.3	7.3	6.9	84		0.02	4		26.33	17.44	18.77
20.0	1009	10.0	1.4			0.154	1.4	1.4	7.2	7.2	6.9	85		0.03	4		26.34	17.44	18.78
20.0	1009	11.0	1.3			0.171	1.3	1.3	7.2	7.2	6.9	85		0.04	5		26.35	17.43	18.79
20.0	1009	12.0	1.4			0.168	1.4	1.4	7.3	7.3	6.9	84		0.03	5		26.39	17.40	18.83
20.0	1009	13.0	1.4			0.163	1.4	1.4	7.2	7.2	6.9	85		0.02	4		26.41	17.39	18.85
20.0	1009	14.0	1.4			0.159	1.4	1.4	7.2	7.2	6.9	85		0.01	3		26.44	17.38	18.87
20.0	1009	15.0	1.4			0.155	1.4	1.4	7.2	7.2	6.9	84		0.02	4		26.62	17.25	19.04
20.0	1009	16.0	1.4			0.155	1.4	1.4	7.3	7.3	6.9	84		0.04	5		26.75	17.19	19.14
20.0	1009	17.0	1.4			0.152	1.4	1.4	7.2	7.2	6.9	84		0.03	4		26.71	17.20	19.12
20.0	1009	18.0	1.4			0.150	1.4	1.4	7.2	7.2	6.9	84		0.01	3		26.78	17.16	19.18
20.0	1009	19.0	1.4			0.150	1.4	1.4	7.2	7.2	6.9	84		0.04	5		26.91	17.04	19.31
20.0	1009	20.0	1.4			0.148	1.4	1.4	7.2	7.2	6.9	84		0.04	5		27.06	16.93	19.45
20.0	1009	21.0	1.4			0.146	1.4	1.4	7.2	7.2	6.9	84		0.04	5		27.11	16.89	19.50
20.0	1009	22.0	1.4			0.144	1.4	1.4	7.3	7.3	6.9	84		0.08	8		27.19	16.80	19.58
20.0	1009	23.0	1.4			0.142	1.4	1.4	7.2	7.2	6.9	84		0.08	8		27.24	16.76	19.63
20.0	1009	24.0	1.4			0.143	1.4	1.4	7.2	7.2	6.9	84		0.09	9		27.30	16.71	19.68
20.0	1009	25.0	1.4			0.143	1.4	1.4	7.2	7.2	6.9	84		0.10	9		27.35	16.67	19.73

n	r^2	Slope	Inter.	Std. Err.
12	0.019	-1.760	1.647	0.665
5	0.999	71.956	2.330	0.315
4	0.172	-0.187	8.246	0.149

CHL Absorption Meter Calibration:
 OBS Calibration:
 Dissolved Oxygen Calibration:

Seabird v4.026

North San Francisco Bay

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1826	1.0	2.2	0.67	0.371	2.7				22.9	0.31	22		0.05	19.30	0.00
657.0	1826	2.0			0.378	2.7					0.30	21		0.05	19.29	0.00
657.0	1826	3.0			0.392	2.6					0.31	22		0.05	19.27	0.00
657.0	1826	4.0			0.391	2.6					0.31	22		0.05	19.28	0.00
657.0	1826	5.0			0.363	2.7					0.32	22		0.05	19.26	0.00
657.0	1826	6.0			0.340	2.8					0.31	21		0.05	19.19	0.00
657.0	1826	7.0			0.336	2.8					0.32	22		0.05	19.16	0.00
657.0	1826	8.0			0.337	2.8					0.32	22		0.05	19.13	0.00
657.0	1826	9.0			0.341	2.8					0.33	23		0.05	19.09	0.00
657.0	1826	10.0	1.8	0.53	0.342	2.8					0.36	25		0.05	19.09	0.00
649.0	1735	1.0			0.359	2.8					0.26	18		0.06	20.64	0.00
649.0	1735	2.0			0.357	2.8					0.25	17		0.06	20.64	0.00
649.0	1735	3.0			0.348	2.8					0.25	17		0.06	20.64	0.00
649.0	1735	4.0			0.347	2.8					0.24	17		0.06	20.64	0.00
649.0	1735	5.0			0.340	2.8					0.26	18		0.06	20.64	0.00
649.0	1735	6.0			0.334	2.8					0.26	18		0.06	20.63	0.00
649.0	1735	7.0			0.330	2.9					0.28	19		0.06	20.62	0.00
649.0	1735	8.0			0.325	2.9					0.27	19		0.06	20.61	0.00
649.0	1735	9.0			0.328	2.9					0.28	19		0.06	20.60	0.00
649.0	1735	10.0			0.336	2.8					0.26	18		0.06	20.56	0.00
649.0	1735	11.0			0.335	2.8					0.25	17		0.06	20.51	0.00
649.0	1735	12.0			0.331	2.9					0.26	18		0.06	20.51	0.00
2.0	1715	1.0			0.428	2.5					0.31	21		0.06	21.96	0.00
2.0	1715	2.0			0.425	2.5					0.34	23		0.06	21.96	0.00
2.0	1715	3.0	2.0	0.77	0.422	2.5					0.39	27		0.06	21.97	0.00
2.0	1715	4.0			0.428	2.5					0.40	28		0.06	21.88	0.00
2.0	1715	5.0			0.437	2.5					0.34	24		0.06	21.69	0.00
2.0	1715	6.0			0.438	2.5					0.28	20		0.06	21.60	0.00
2.0	1715	7.0			0.439	2.5					0.26	18		0.06	21.59	0.00
2.0	1715	8.0			0.438	2.5					0.25	17		0.06	21.05	0.00
2.0	1715	9.0			0.438	2.5					0.24	16		0.06	20.93	0.00
2.0	1715	10.0			0.438	2.5					0.22	15		0.06	20.82	0.00
2.0	1715	11.0			0.435	2.5					0.22	15		0.06	20.80	0.00
3.0	1654	1.0			0.417	2.5					0.28	19		0.06	21.98	0.00
3.0	1654	2.0	3.2	0.63	0.415	2.6				20.7	0.28	19		0.06	22.00	0.00
3.0	1654	3.0			0.416	2.6					0.26	18		0.06	22.01	0.00
3.0	1654	4.0			0.418	2.5					0.25	17		0.06	21.94	0.00
3.0	1654	5.0			0.421	2.5					0.25	17		0.06	21.65	0.00
3.0	1654	6.0			0.421	2.5					0.25	17		0.06	21.61	0.00
3.0	1654	7.0			0.423	2.5					0.26	18		0.06	21.61	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	CALC % OXY	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1654	8.0			0.430	2.5					0.27	19		0.06	21.49	0.00
3.0	1654	9.0			0.440	2.5					0.28	19		0.06	21.28	0.00
3.0	1654	10.0			0.450	2.4					0.26	18		0.06	21.07	0.00
3.0	1654	11.0	2.4	0.53	0.450	2.4					0.27	18		0.06	20.86	0.00
4.0	1631	1.0			0.453	2.4					0.29	20		0.06	22.26	0.00
4.0	1631	2.0			0.457	2.4					0.27	19		0.06	22.24	0.00
4.0	1631	3.0			0.451	2.4					0.28	19		0.06	22.23	0.00
4.0	1631	4.0			0.441	2.5					0.28	19		0.06	22.17	0.00
4.0	1631	5.0			0.442	2.5					0.28	20		0.06	22.01	0.00
4.0	1631	6.0			0.448	2.4					0.30	21		0.06	21.75	0.00
4.0	1631	7.0			0.451	2.4					0.29	20		0.06	21.70	0.00
4.0	1631	8.0			0.451	2.4					0.32	22		0.06	21.62	0.00
4.0	1631	9.0			0.452	2.4					0.31	22		0.06	21.61	0.00
4.0	1631	10.0			0.454	2.4					0.33	23		0.06	21.59	0.00
4.0	1631	11.0			0.452	2.4					0.35	24		0.06	21.63	0.00
4.0	1631	12.0			0.449	2.4					0.34	24		0.06	21.65	0.00
4.0	1631	13.0			0.450	2.4					0.41	28		0.06	21.61	0.00
5.0	1610	1.0			0.414	2.6					0.36	25		0.06	21.82	0.00
5.0	1610	2.0			0.420	2.5					0.34	23		0.06	21.77	0.00
5.0	1610	3.0			0.424	2.5					0.32	23		0.06	21.74	0.00
5.0	1610	4.0			0.419	2.5					0.35	25		0.06	21.69	0.00
5.0	1610	5.0			0.413	2.6					0.37	26		0.06	21.66	0.00
5.0	1610	6.0			0.418	2.5					0.37	26		0.06	21.64	0.00
5.0	1610	7.0			0.425	2.5					0.40	28		0.06	21.63	0.00
5.0	1610	8.0			0.431	2.5					0.39	27		0.06	21.62	0.00
5.0	1610	9.0			0.436	2.5					0.41	29		0.06	21.61	0.00
5.0	1610	10.0			0.433	2.5					0.41	28		0.06	21.60	0.00
5.0	1610	11.0			0.443	2.5					0.42	29		0.06	21.60	0.00
5.0	1610	12.0			0.449	2.4					0.43	30		0.06	21.59	0.00
6.0	1548	1.0			0.434	2.5					0.42	30		0.07	21.85	0.00
6.0	1548	2.0	3.3	0.58	0.434	2.5				26.9	0.39	27		0.07	21.79	0.00
6.0	1548	3.0			0.432	2.5					0.40	28		0.07	21.73	0.00
6.0	1548	4.0			0.427	2.5					0.40	28		0.07	21.63	0.00
6.0	1548	5.0			0.419	2.5					0.42	30		0.07	21.62	0.00
6.0	1548	6.0			0.407	2.6					0.42	29		0.07	21.60	0.00
6.0	1548	7.0			0.406	2.6					0.45	32		0.07	21.60	0.00
6.0	1548	8.0			0.402	2.6					0.45	32		0.07	21.59	0.00
6.0	1548	9.0			0.395	2.6					0.46	32		0.07	21.59	0.00
6.0	1548	10.0			0.396	2.6					0.47	33		0.07	21.59	0.00
6.0	1548	11.0			0.376	2.7					0.47	33		0.07	21.59	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	CALC % OXY	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
6.0	1548	12.0	3.5	0.58	0.368	2.7					0.50	35		0.07	21.60	0.00
7.0	1525	1.0			0.458	2.4					0.68	48		0.13	22.14	0.00
7.0	1525	2.0			0.465	2.4					0.60	42		0.13	22.14	0.00
7.0	1525	3.0			0.466	2.4					0.60	42		0.13	22.13	0.00
7.0	1525	4.0			0.471	2.4					0.59	42		0.13	22.00	0.00
7.0	1525	5.0			0.467	2.4					0.63	44		0.14	21.91	0.00
7.0	1525	6.0			0.464	2.4					0.66	47		0.14	21.85	0.00
7.0	1525	7.0			0.468	2.4					0.70	49		0.14	21.84	0.00
7.0	1525	8.0			0.467	2.4					0.72	51		0.14	21.84	0.00
7.0	1525	9.0			0.471	2.4					0.75	53		0.14	21.84	0.00
7.0	1525	10.0			0.472	2.4					0.77	54		0.14	21.84	0.00
7.0	1525	11.0			0.461	2.4					0.79	56		0.14	21.84	0.00
7.0	1525	12.0			0.448	2.4					0.80	57		0.14	21.83	0.00
7.0	1525	13.0			0.438	2.5					0.82	58		0.14	21.83	0.00
7.0	1525	14.0			0.441	2.5					0.82	58		0.14	21.83	0.00
7.0	1525	15.0			0.444	2.5					0.83	59		0.14	21.83	0.00
8.0	1455	1.0			0.386	2.7					1.39	99		0.56	21.76	0.00
8.0	1455	2.0			0.407	2.6					1.29	92		0.58	21.76	0.00
8.0	1455	3.0			0.398	2.6					1.28	91		0.61	21.76	0.00
8.0	1455	4.0			0.384	2.7					1.30	92		0.68	21.71	0.00
8.0	1455	5.0			0.374	2.7					1.31	93		0.72	21.65	0.00
8.0	1455	6.0			0.358	2.8					1.37	98		0.79	21.61	0.00
8.0	1455	7.0			0.365	2.7					1.41	100		0.85	21.64	0.00
8.0	1455	8.0			0.380	2.7					1.41	100		0.93	21.68	0.00
8.0	1455	9.0			0.381	2.7					1.36	97		0.97	21.69	0.00
8.0	1455	10.0			0.386	2.7		8.2	8.0		1.34	95		1.06	21.69	0.00
8.0	1455	11.0			0.382	2.7		8.1	7.9	91	1.30	93		1.37	21.63	0.00
8.0	1455	12.0			0.374	2.7		8.1	7.9	91	1.36	96		1.97	21.53	0.00
8.0	1455	13.0			0.374	2.7		8.0	7.9	90	1.42	101		2.53	21.43	0.00
8.0	1455	14.0			0.377	2.7		8.0	7.8	91	1.43	102		3.22	21.34	0.37
9.0	1431	1.0			0.362	2.7		8.3	8.1	93	1.35	96		1.25	21.70	0.00
9.0	1431	2.0		0.39	0.345	2.8	8.0	8.3	8.1	93	1.17	83		1.28	21.66	0.00
9.0	1431	3.0			0.346	2.8		8.3	8.1	93	1.17	84		1.32	21.61	0.00
9.0	1431	4.0			0.340	2.8		8.3	8.1	93	1.26	90		1.57	21.57	0.00
9.0	1431	5.0			0.345	2.8		8.2	8.0	92	1.23	88		1.66	21.56	0.00
9.0	1431	6.0			0.348	2.8		8.2	8.0	92	1.29	92		1.82	21.53	0.00
9.0	1431	7.0			0.348	2.8		8.2	8.0	92	1.42	101		1.96	21.51	0.00
9.0	1431	8.0			0.350	2.8		8.2	8.1	93	1.44	103		1.97	21.51	0.00
9.0	1431	9.0			0.351	2.8		8.2	8.0	92	1.47	105		1.97	21.52	0.00
9.0	1431	10.0			0.349	2.8		8.2	8.1	93	1.51	108		1.97	21.53	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1431	11.0			0.346	2.8		8.2	8.0	92		1.53	109		1.98	21.54	0.00
9.0	1431	12.0			0.346	2.8		8.2	8.0	92		1.51	108		2.05	21.54	0.00
9.0	1431	13.0			0.347	2.8		8.0	7.8	91		1.49	106		2.84	21.45	0.05
9.0	1431	14.0			0.346	2.8		7.9	7.7	90		1.42	101		4.42	21.29	1.28
9.0	1431	15.0			0.342	2.8		7.9	7.7	90		1.25	89		5.66	21.20	2.24
9.0	1431	16.0			0.339	2.8		7.8	7.6	89		1.52	109		5.82	21.18	2.37
9.0	1431	17.0			0.338	2.8		7.8	7.6	89		1.79	128		6.17	21.15	2.64
9.0	1431	18.0			0.336	2.8		7.8	7.6	89		1.79	128		6.29	21.14	2.73
9.0	1431	19.0			0.336	2.8		7.7	7.5	88		1.92	137		6.70	21.09	3.05
9.0	1431	20.0			0.334	2.8		7.7	7.5	88		1.77	126		7.13	21.07	3.38
9.0	1431	21.0			0.332	2.9		7.6	7.4	87		1.69	120		7.26	21.05	3.48
9.0	1431	22.0			0.330	2.9		7.5	7.4	87		1.91	136		9.13	20.81	4.95
9.0	1431	23.0			0.324	2.9		7.5	7.3	87		2.07	148		10.37	20.66	5.92
9.0	1431	24.0	1.7	0.24	0.323	2.9		7.5	7.4	88		2.55	182		11.23	20.55	6.60
10.0	1412	1.0			0.323	2.9		8.2	8.1	93		1.05	75		2.78	21.50	0.00
10.0	1412	2.0			0.316	2.9		8.3	8.1	93		1.08	77		2.87	21.49	0.06
10.0	1412	3.0			0.306	2.9		8.3	8.1	93		1.08	77		2.98	21.48	0.15
10.0	1412	4.0			0.313	2.9		8.2	8.0	93		1.07	76		3.12	21.47	0.26
10.0	1412	5.0			0.327	2.9		8.2	8.0	93		1.08	77		3.44	21.44	0.51
10.0	1412	6.0			0.327	2.9		8.1	7.9	92		1.06	75		3.82	21.40	0.80
10.0	1412	7.0			0.325	2.9		8.0	7.8	91		1.06	76		4.83	21.29	1.59
10.0	1412	8.0			0.333	2.9		8.0	7.8	91		1.09	77		4.99	21.27	1.72
10.0	1412	9.0			0.332	2.9		8.0	7.8	91		1.09	78		5.12	21.25	1.82
10.0	1412	10.0			0.316	2.9		8.0	7.8	91		1.14	81		5.32	21.23	1.98
10.0	1412	11.0			0.308	2.9		7.9	7.7	90		1.27	90		5.55	21.20	2.16
10.0	1412	12.0			0.309	2.9		7.9	7.7	90		1.32	94		5.77	21.18	2.33
10.0	1412	13.0			0.308	2.9		7.9	7.7	90		1.36	97		6.05	21.14	2.55
10.0	1412	14.0			0.299	3.0		7.9	7.7	90		1.36	97		6.18	21.13	2.65
10.0	1412	15.0			0.291	3.0		7.8	7.7	90		1.38	99		6.44	21.10	2.86
10.0	1412	16.0			0.288	3.0		7.8	7.6	89		1.46	104		7.15	21.03	3.40
10.0	1412	17.0			0.293	3.0		7.8	7.6	89		1.51	107		7.43	20.99	3.63
10.0	1412	18.0			0.305	3.0		7.7	7.5	89		1.50	107		7.94	20.94	4.02
10.0	1412	19.0			0.307	2.9		7.7	7.5	89		1.56	111		8.36	20.89	4.35
11.0	1344	1.0			0.261	3.1		7.9	7.7	90		0.82	58		5.19	21.54	1.81
11.0	1344	2.0			0.261	3.1		7.8	7.7	90		0.78	55		5.96	21.28	2.45
11.0	1344	3.0			0.267	3.1		7.8	7.7	90		0.82	58		7.30	20.97	3.53
11.0	1344	4.0			0.272	3.1		7.6	7.5	88		0.95	67		7.60	20.94	3.77
11.0	1344	5.0			0.268	3.1		7.5	7.4	87		1.04	74		9.17	20.74	5.00
11.0	1344	6.0			0.256	3.1		7.5	7.3	88		1.24	88		11.62	20.42	6.93
11.0	1344	7.0			0.245	3.2		7.5	7.3	88		1.40	100		12.67	20.30	7.74
11.0	1344	8.0			0.239	3.2		7.5	7.4	88		1.42	101		12.75	20.29	7.81

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
11.0	1344	9.0			0.249	3.2		7.5	7.3	88		1.49	106		12.95	20.26	7.97
11.0	1344	10.0			0.262	3.1		7.5	7.3	88		1.55	111		13.27	20.22	8.21
11.0	1344	11.0			0.259	3.1		7.4	7.2	86		1.72	123		13.64	20.15	8.52
11.0	1344	12.0			0.256	3.1		7.4	7.2	87		1.85	132		15.42	19.84	9.93
12.0	1320	1.0			0.241	3.2		7.9	7.7	91		0.48	33		6.99	21.17	3.26
12.0	1320	2.0			0.245	3.2		7.9	7.7	91		0.50	35		7.57	20.98	3.74
12.0	1320	3.0			0.252	3.1		7.6	7.4	87		0.56	40		7.95	20.92	4.04
12.0	1320	4.0			0.257	3.1		7.3	7.2	85		0.60	42		9.91	20.67	5.58
12.0	1320	5.0			0.256	3.1		7.3	7.1	86		0.71	50		14.10	20.05	8.89
12.0	1320	6.0			0.244	3.2		7.2	7.1	85		0.83	58		16.10	19.72	10.47
12.0	1320	7.0			0.233	3.2		7.3	7.1	86		0.70	50		17.86	19.44	11.87
12.0	1320	8.0			0.234	3.2		7.3	7.2	87		0.51	36		19.27	19.20	13.00
12.0	1320	9.0			0.234	3.2		7.5	7.3	89		0.32	22		20.01	19.03	13.60
14.0	1223	1.0			0.150	3.5		7.9	7.7	92		0.21	14		12.48	20.33	7.59
14.0	1223	2.0			0.140	3.5		7.7	7.5	90		0.22	15		13.09	20.15	8.10
14.0	1223	3.0			0.130	3.6		7.7	7.5	90		0.21	14		13.71	19.99	8.60
14.0	1223	4.0			0.134	3.6		7.7	7.5	89		0.24	16		13.82	19.94	8.70
14.0	1223	5.0			0.147	3.5		7.5	7.3	88		0.25	17		14.14	19.87	8.95
14.0	1223	6.0			0.157	3.5		7.3	7.2	86		0.27	19		16.46	19.55	10.78
14.0	1223	7.0			0.161	3.5		7.2	7.1	86		0.26	18		19.65	19.08	13.31
14.0	1223	8.0			0.162	3.5		7.1	7.0	85		0.27	18		20.46	18.89	13.97
14.0	1223	9.0			0.165	3.5		7.1	7.0	85		0.26	18		21.71	18.56	15.00
14.0	1223	10.0			0.168	3.4		7.2	7.0	86		0.25	17		22.44	18.35	15.60
14.0	1223	11.0			0.167	3.5		7.2	7.0	86		0.25	17		22.98	18.18	16.05
14.0	1223	12.0			0.166	3.5		7.2	7.1	86		0.33	23		23.40	18.05	16.40
14.0	1223	13.0			0.172	3.4		7.2	7.1	86		0.52	37		23.50	18.02	16.49
14.0	1223	14.0			0.175	3.4		7.3	7.2	87		0.75	53		23.53	18.01	16.51
15.0	1159	1.0			0.219	3.3		8.4	8.2	98		0.07	4		13.39	20.48	8.24
15.0	1159	2.0	4.5	0.83	0.237	3.2	8.1	8.1	7.9	95		0.06	4		13.56	20.40	8.40
15.0	1159	3.0			0.241	3.2		7.9	7.7	93		0.07	4		14.55	20.14	9.20
15.0	1159	4.0			0.239	3.2		7.6	7.4	90		0.15	10		14.72	20.09	9.34
15.0	1159	5.0			0.237	3.2		7.6	7.4	89		0.15	10		15.29	19.99	9.80
15.0	1159	6.0			0.232	3.2		7.6	7.4	89		0.12	8		16.00	19.89	10.36
15.0	1159	7.0			0.221	3.3		7.4	7.2	88		0.12	8		16.29	19.83	10.59
15.0	1159	8.0			0.211	3.3		7.2	7.1	86		0.13	9		16.76	19.73	10.97
15.0	1159	9.0			0.203	3.3		7.1	7.0	85		0.16	11		18.90	19.23	12.71
15.0	1159	10.0			0.198	3.3		7.1	7.0	85		0.15	10		21.04	18.68	14.46
15.0	1159	11.0			0.192	3.4		7.2	7.0	85		0.13	9		21.96	18.45	15.21
15.0	1159	12.0			0.180	3.4		7.2	7.0	86		0.16	10		22.75	18.23	15.86
15.0	1159	13.0			0.169	3.4		7.2	7.1	86		0.21	14		23.09	18.13	16.15

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
15.0	1159	14.0			0.163	3.5		7.2	7.1	86		0.29	20		23.24	18.10	16.26
15.0	1159	15.0			0.160	3.5		7.2	7.1	86		0.36	25		23.26	18.09	16.28
15.0	1159	16.0			0.161	3.5		7.3	7.1	87		0.38	26		23.27	18.08	16.30
15.0	1159	17.0			0.166	3.5		7.3	7.1	87		0.40	28		23.29	18.08	16.31
15.0	1159	18.0			0.167	3.5		7.3	7.2	87		0.40	28		23.31	18.07	16.33
15.0	1159	19.0			0.163	3.5		7.3	7.2	87		0.40	28		23.33	18.06	16.35
15.0	1159	20.0			0.161	3.5		7.3	7.1	87		0.41	28		23.33	18.06	16.35
15.0	1159	21.0			0.162	3.5		7.3	7.1	87		0.40	28		23.40	18.03	16.41
15.0	1159	22.0	1.7	0.53	0.162	3.5		7.3	7.2	87		0.50	27		23.60	17.96	16.58
16.0	1124	1.0			0.147	3.5		7.7	7.5	91		0.05	3	0.9	15.19	20.16	9.68
16.0	1124	2.0			0.143	3.5		7.6	7.4	90		0.06	4		16.65	19.70	10.90
16.0	1124	3.0			0.142	3.5		7.3	7.2	87		0.06	3		17.25	19.53	11.59
16.0	1124	4.0			0.142	3.5		7.1	6.9	84		0.09	6		20.45	18.79	13.99
16.0	1124	5.0			0.142	3.5		7.1	7.0	85		0.10	7		22.45	18.21	15.64
16.0	1124	6.0			0.144	3.5		7.2	7.0	85		0.12	7		23.07	18.00	16.16
16.0	1124	7.0			0.148	3.5		7.1	7.0	85		0.14	9		23.30	17.91	16.36
16.0	1124	8.0			0.148	3.5		7.1	6.9	84		0.21	14		23.76	17.74	16.74
16.0	1124	9.0			0.142	3.5		7.1	7.0	85		0.28	19		24.29	17.57	17.19
16.0	1124	10.0			0.138	3.6		7.1	7.0	85		0.33	23		24.56	17.48	17.42
16.0	1124	11.0			0.134	3.6		7.0	6.9	84		0.31	21		24.88	17.36	17.68
16.0	1124	12.0			0.128	3.6		7.1	7.0	85		0.28	20		25.23	17.22	17.99
16.0	1124	13.0			0.128	3.6		7.3	7.1	86		0.28	19		25.90	16.93	18.56
17.0	1058	1.0			0.207	3.3		7.6	7.4	90		0.07	4		20.83	18.65	14.31
17.0	1058	2.0			0.204	3.3		7.4	7.2	88		0.06	4		21.36	18.51	14.75
17.0	1058	3.0			0.198	3.3		7.4	7.2	88		0.08	5		23.37	17.94	16.41
17.0	1058	4.0			0.194	3.4		7.3	7.2	87		0.06	3		24.05	17.73	16.97
17.0	1058	5.0			0.193	3.4		7.1	7.0	85		0.06	3		24.69	17.52	17.50
17.0	1058	6.0			0.193	3.4		7.1	6.9	84		0.07	4		25.99	17.03	18.61
17.0	1058	7.0			0.190	3.4		7.2	7.0	85		0.06	4		27.00	16.59	19.48
17.0	1058	8.0			0.186	3.4		7.1	7.0	84		0.12	8		27.27	16.47	19.71
17.0	1058	9.0			0.185	3.4		7.2	7.0	85		0.14	10		27.53	16.33	19.94
17.0	1058	10.0			0.180	3.4		7.2	7.0	85		0.14	9		27.76	16.20	20.14
17.0	1058	11.0			0.175	3.4		7.2	7.1	85		0.13	9		27.98	16.10	20.34
17.0	1058	12.0			0.176	3.4		7.3	7.1	86		0.13	8		28.11	16.03	20.45
17.0	1058	13.0			0.172	3.4		7.3	7.2	86		0.16	11		28.16	16.01	20.50
17.0	1058	14.0			0.170	3.4		7.3	7.2	87		0.20	13		28.18	16.00	20.51
18.0	1028	1.0			0.169	3.4		7.6	7.4	90		0.33	23		23.68	17.73	16.68
18.0	1028	2.0	4.5	0.87	0.159	3.5	7.4	7.7	7.5	91	6.3	0.14	9		23.78	17.70	16.77
18.0	1028	3.0			0.168	3.4		7.7	7.5	92		0.05	3		23.78	17.70	16.77
18.0	1028	4.0			0.172	3.4		7.6	7.4	90		0.06	3		23.47	17.79	16.51

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1028	5.0			0.173	3.4		7.6	7.4	90		0.04	2		23.97	17.62	16.93
18.0	1028	6.0			0.173	3.4		7.6	7.4	90		0.04	2		24.48	17.53	17.34
18.0	1028	7.0			0.173	3.4		7.5	7.3	89		0.05	3		24.71	17.48	17.53
18.0	1028	8.0			0.177	3.4		7.5	7.3	89		0.04	2		25.12	17.41	17.86
18.0	1028	9.0			0.178	3.4		7.5	7.3	89		0.03	1		25.36	17.37	18.05
18.0	1028	10.0			0.178	3.4		7.3	7.2	87		0.03	1		25.93	17.19	18.52
18.0	1028	11.0			0.179	3.4		7.4	7.2	88		0.02	1		26.33	17.06	18.86
18.0	1028	12.0			0.179	3.4		7.4	7.2	88		0.02	1		26.33	17.06	18.86
18.0	1028	13.0			0.178	3.4		7.3	7.2	87		0.02	1		26.37	17.03	18.90
18.0	1028	14.0			0.177	3.4		7.3	7.2	87		0.02	1		26.39	17.00	18.92
18.0	1028	15.0			0.175	3.4		7.3	7.1	87		0.03	1		26.41	16.98	18.93
18.0	1028	16.0			0.175	3.4		7.3	7.1	87		0.04	2		26.39	17.00	18.92
18.0	1028	17.0			0.178	3.4		7.3	7.1	87		0.05	3		26.41	16.96	18.94
18.0	1028	18.0			0.177	3.4		7.3	7.2	87		0.04	2		26.45	16.91	18.99
18.0	1028	19.0			0.172	3.4		7.3	7.2	87		0.03	1		26.46	16.90	19.00
18.0	1028	20.0			0.164	3.5		7.3	7.1	86		0.03	1		26.50	16.89	19.03
18.0	1028	21.0			0.155	3.5		7.3	7.1	87		0.03	1		26.51	16.88	19.04
18.0	1028	22.0			0.148	3.5		7.3	7.1	87		0.04	2		26.53	16.87	19.06
18.0	1028	23.0			0.144	3.5		7.2	7.0	85		0.04	2		26.56	16.85	19.08
18.0	1028	24.0			0.140	3.5		7.0	6.9	83		0.03	2		26.75	16.74	19.25
18.0	1028	25.0			0.137	3.6		7.0	6.9	83		0.03	2		27.68	16.26	20.07
18.0	1028	26.0			0.132	3.6		7.2	7.0	84		0.06	4		28.56	15.80	20.84
18.0	1028	27.0			0.128	3.6		7.4	7.2	87		0.08	5		29.37	15.40	21.55
18.0	1028	28.0			0.127	3.6		7.4	7.3	87		0.12	8		29.49	15.34	21.66
18.0	1028	29.0			0.132	3.6		7.5	7.3	88		0.16	11		29.54	15.31	21.70
18.0	1028	30.0			0.136	3.6		7.5	7.3	88		0.17	11		29.61	15.27	21.76
18.0	1028	31.0			0.140	3.5		7.5	7.4	88		0.19	13		29.65	15.25	21.80
18.0	1028	32.0			0.147	3.5		7.5	7.4	88		0.23	16		29.65	15.25	21.80
18.0	1028	33.0			0.155	3.5		7.6	7.4	89		0.22	15		29.65	15.25	21.80
18.0	1028	34.0			0.160	3.5		7.6	7.4	89		0.22	15		29.65	15.25	21.80
18.0	1028	35.0			0.159	3.5		7.6	7.5	89		0.23	16		29.65	15.25	21.80
18.0	1028	36.0			0.165	3.5		7.6	7.5	90		0.22	15		29.66	15.25	21.80
18.0	1028	37.0			0.174	3.4		7.6	7.4	89		0.23	16		29.66	15.24	21.81
18.0	1028	38.0			0.176	3.4		7.6	7.5	89		0.22	15		29.66	15.24	21.81
18.0	1028	39.0		0.82	0.175	3.4		7.6	7.5	89		0.23	16		29.67	15.24	21.82

n	r ²	Slope	Inter.	Std. Err.
13	0.140	-3.614	4.056	0.993
5	0.995	71.767	-0.785	2.405
3	0.742	0.971	0.048	0.260

CHL Absorption Meter Calibration:
OBS Calibration:
Dissolved Oxygen Calibration:

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0630	1.0	1.8	0.54	0.315	1.7	6.3	6.3	6.4	85	0.81	18		22.32	22.85	14.39
36.0	0630	2.0	1.8	0.54	0.316	1.7	6.3	6.2	6.4	85	0.81	18		22.32	22.88	14.39
36.0	0630	3.0			0.315	1.7	6.3	6.4	6.4	85	0.85	18	12.4	22.36	22.89	14.41
36.0	0630	4.0			0.316	1.7	6.3	6.3	6.4	85	0.91	19		22.36	22.89	14.41
36.0	0630	5.0			0.318	1.7	6.3	6.3	6.4	85	0.99	20		22.37	22.88	14.41
36.0	0630	6.0			0.319	1.7	6.3	6.3	6.4	85	1.00	20		22.41	22.90	14.44
36.0	0630	7.0			0.318	1.7	6.3	6.3	6.4	86	1.01	20		22.46	22.90	14.48
36.0	0630	8.0	2.0	0.71	0.317	1.7	6.3	6.3	6.4	85	1.02	20		22.48	22.91	14.50
34.0	0651	1.0			0.357	1.8	6.3	6.3	6.4	85	0.63	16		22.80	22.71	14.79
34.0	0651	2.0			0.356	1.8	6.3	6.3	6.4	85	0.70	16		22.80	22.70	14.79
34.0	0651	3.0			0.355	1.8	6.3	6.3	6.4	86	0.72	17		22.80	22.70	14.79
34.0	0651	4.0			0.356	1.8	6.3	6.3	6.4	85	0.75	17		22.80	22.70	14.79
34.0	0651	5.0			0.351	1.8	6.3	6.3	6.4	86	0.74	17		22.80	22.70	14.79
34.0	0651	6.0			0.345	1.8	6.2	6.2	6.4	85	0.75	17		22.80	22.70	14.80
34.0	0651	7.0			0.344	1.8	6.3	6.3	6.4	85	0.79	17		22.81	22.69	14.80
34.0	0651	8.0			0.343	1.8	6.3	6.3	6.5	86	0.84	18		22.81	22.70	14.80
32.0	0710	1.0	1.5	0.80	0.380	1.9	6.3	6.3	6.4	85	0.31	12		23.19	22.45	15.15
32.0	0710	2.0	1.5	0.80	0.374	1.9	6.3	6.3	6.5	86	0.31	12	21.6	23.22	22.46	15.17
32.0	0710	3.0			0.362	1.8	6.3	6.3	6.5	86	0.30	11		23.27	22.45	15.21
32.0	0710	4.0			0.341	1.8	6.3	6.3	6.5	85	0.29	11		23.29	22.46	15.23
32.0	0710	5.0			0.318	1.7	6.3	6.3	6.5	86	0.27	11		23.34	22.48	15.26
32.0	0710	6.0			0.285	1.6	6.3	6.3	6.4	86	0.26	11		23.37	22.49	15.28
32.0	0710	7.0			0.257	1.5	6.3	6.3	6.5	86	0.28	11		23.41	22.50	15.30
32.0	0710	8.0			0.237	1.4	6.3	6.3	6.4	85	0.29	11		23.45	22.51	15.33
32.0	0710	9.0			0.232	1.4	6.3	6.3	6.4	86	0.31	12		23.46	22.51	15.34
32.0	0710	10.0			0.248	1.4	6.3	6.3	6.4	86	0.31	12		23.46	22.51	15.34
32.0	0710	11.0			0.251	1.4	6.3	6.3	6.4	85	0.32	12		23.47	22.52	15.35
32.0	0710	12.0			0.254	1.5	6.2	6.2	6.4	85	0.36	12		23.50	22.53	15.37
32.0	0710	13.0	1.6	0.66	0.255	1.5	6.3	6.3	6.4	85	0.40	13		23.50	22.53	15.37
30.0	0736	1.0	1.1	0.60	0.226	1.4	6.4	6.4	6.5	86	0.22	10		23.94	21.87	15.87
30.0	0736	2.0	1.1	0.60	0.218	1.3	6.4	6.4	6.6	86	0.21	10	16.5	23.94	21.86	15.87
30.0	0736	3.0			0.220	1.3	6.5	6.5	6.6	86	0.21	10		23.93	21.87	15.87
30.0	0736	4.0			0.227	1.4	6.4	6.4	6.5	86	0.21	10		23.95	21.90	15.88
30.0	0736	5.0			0.239	1.4	6.4	6.4	6.5	86	0.21	10		24.05	21.95	15.93
30.0	0736	6.0			0.251	1.4	6.4	6.4	6.5	86	0.21	10		24.10	21.91	15.99
30.0	0736	7.0			0.243	1.4	6.4	6.4	6.5	86	0.22	11		24.14	21.85	16.03
30.0	0736	8.0			0.227	1.4	6.4	6.4	6.5	86	0.23	11		24.18	21.86	16.06
30.0	0736	9.0			0.214	1.3	6.4	6.4	6.5	86	0.22	11		24.19	21.86	16.06
30.0	0736	10.0			0.204	1.3	6.4	6.4	6.5	86	0.22	11		24.20	21.86	16.07
30.0	0736	11.0			0.200	1.3	6.4	6.4	6.5	86	0.21	10		24.20	21.86	16.07

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPH	OBS SPH	CALC SPH	EXCOF	SALIN	TEMP	SIGT
30.0	0736	12.0	0.9	0.58	0.200	1.3		6.4	6.5	86		0.20	10		24.20	21.86	16.07
29.0	0758	1.0			0.255	1.5		6.6	6.6	87		0.06	9		24.50	21.70	16.34
29.0	0758	2.0			0.249	1.4		6.6	6.7	88		0.06	9		24.50	21.70	16.34
29.0	0758	3.0			0.342	1.8		6.6	6.7	88		0.05	8		24.50	21.71	16.34
29.0	0758	4.0			0.381	1.9		6.6	6.6	87		0.05	8		24.51	21.72	16.34
29.0	0758	5.0			0.296	1.6		6.6	6.7	88		0.05	9		24.54	21.73	16.36
29.0	0758	6.0			0.257	1.5		6.6	6.6	88		0.06	9		24.56	21.73	16.38
29.0	0758	7.0			0.244	1.4		6.6	6.6	87		0.06	9		24.57	21.73	16.38
29.0	0758	8.0			0.241	1.4		6.6	6.7	88		0.05	8		24.58	21.72	16.40
29.0	0758	9.0			0.244	1.4		6.6	6.6	87		0.05	8		24.58	21.72	16.40
29.0	0758	10.0			0.248	1.4		6.6	6.7	88		0.06	9		24.59	21.70	16.41
29.0	0758	11.0			0.249	1.4		6.6	6.7	88		0.08	9		24.63	21.67	16.45
29.0	0758	12.0			0.249	1.4		6.6	6.7	88		0.08	9		24.66	21.68	16.47
29.0	0758	13.0			0.249	1.4		6.6	6.6	88		0.09	9		24.69	21.69	16.49
29.0	0758	14.0			0.257	1.5		6.6	6.6	87		0.10	9		24.70	21.69	16.49
29.0	0758	15.0			0.260	1.5		6.6	6.6	87		0.13	9		24.71	21.69	16.50
27.0	0820	1.0			0.188	1.2		6.6	6.7	88		0.03	8		24.94	21.28	16.78
27.0	0820	2.0			0.187	1.2		6.6	6.7	88		0.03	8		24.94	21.31	16.78
27.0	0820	3.0			0.191	1.2		6.6	6.7	87		0.03	8		24.97	21.33	16.79
27.0	0820	4.0			0.189	1.2		6.5	6.6	87		0.03	8		25.09	21.31	16.89
27.0	0820	5.0			0.189	1.2		6.5	6.6	86		0.01	8		25.28	21.19	17.06
27.0	0820	6.0			0.202	1.3		6.4	6.5	86		0.02	8		25.44	21.06	17.22
27.0	0820	7.0			0.213	1.3		6.4	6.5	85		0.01	8		25.53	20.98	17.31
27.0	0820	8.0			0.216	1.3		6.4	6.5	85		0.01	8		25.65	20.88	17.42
27.0	0820	9.0			0.209	1.3		6.4	6.5	85		0.00	8		25.74	20.82	17.51
27.0	0820	10.0			0.200	1.3		6.3	6.5	84		0.01	8		25.80	20.77	17.56
27.0	0820	11.0			0.199	1.3		6.3	6.4	84		0.02	8		25.90	20.67	17.67
27.0	0820	12.0			0.200	1.3		6.3	6.5	84		0.02	8		25.99	20.58	17.76
25.0	0845	1.0			0.535	2.4		6.6	6.7	87		0.00	8		25.32	20.71	17.22
25.0	0845	2.0			0.603	2.7		6.6	6.7	87		0.00	8		25.33	20.70	17.23
25.0	0845	3.0			0.408	2.0		6.6	6.7	86		0.00	8		25.32	20.70	17.22
25.0	0845	4.0			0.340	1.8		6.3	6.5	84		0.00	8		25.60	20.59	17.46
25.0	0845	5.0			0.304	1.6		6.0	6.2	80		0.00	8		26.16	20.33	17.95
25.0	0845	6.0			0.278	1.5		5.9	6.1	79		0.00	8		26.59	19.98	18.36
25.0	0845	7.0			0.264	1.5		5.9	6.1	79		0.00	8		26.72	19.83	18.51
25.0	0845	8.0			0.268	1.5		6.0	6.2	80		0.00	8		26.75	19.79	18.54
24.0	0902	1.0			0.215	1.3		6.2	6.4	82		0.00	8		26.63	19.74	18.45
24.0	0902	2.0	1.2	0.88	0.213	1.3		6.2	6.4	82	2.9	0.00	8		26.59	19.77	18.42
24.0	0902	3.0			0.217	1.3		6.1	6.3	81		0.00	8		26.57	19.80	18.40

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
24.0	0902	4.0			0.227	1.4		6.1	6.3	80		0.00	8		26.67	19.69	18.50
24.0	0902	5.0			0.217	1.3		6.1	6.3	80		0.00	8		26.95	19.41	18.79
24.0	0902	6.0			0.181	1.2		6.0	6.2	79		0.00	8		27.08	19.25	18.92
24.0	0902	7.0			0.154	1.1		6.0	6.2	80		0.00	8		27.16	19.15	19.01
24.0	0902	8.0			0.135	1.0		6.1	6.3	80		0.00	8		27.20	19.10	19.04
24.0	0902	9.0			0.117	1.0		6.0	6.2	80		0.01	8		27.20	19.09	19.05
24.0	0902	10.0	0.8	0.70	0.118	1.0		6.1	6.3	80		0.03	8		27.22	19.08	19.07
22.0	0929	1.0			0.240	1.4		6.3	6.4	81		0.00	8		27.64	18.52	19.52
22.0	0929	2.0			0.228	1.4		6.3	6.5	82		0.01	8		27.64	18.52	19.52
22.0	0929	3.0			0.235	1.4		6.3	6.4	81		0.00	8		27.64	18.52	19.52
22.0	0929	4.0			0.241	1.4		6.2	6.4	81		0.00	8		27.65	18.49	19.54
22.0	0929	5.0			0.237	1.4		6.1	6.3	80		0.00	8		27.67	18.42	19.57
22.0	0929	6.0			0.236	1.4		6.1	6.3	79		0.01	8		27.73	18.28	19.65
22.0	0929	7.0			0.242	1.4		6.1	6.3	79		0.03	8		27.80	18.21	19.72
22.0	0929	8.0			0.438	2.1		6.0	6.2	78		0.02	8		27.82	18.20	19.73
22.0	0929	9.0			0.496	2.3		6.0	6.2	78		0.03	8		27.93	18.06	19.85
22.0	0929	10.0			0.318	1.7		6.0	6.2	78		0.04	8		28.03	17.94	19.96
22.0	0929	11.0			0.261	1.5		5.9	6.2	77		0.06	9		28.05	17.92	19.98
22.0	0929	12.0			0.242	1.4		5.9	6.2	77		0.06	9		28.06	17.90	19.99
22.0	0929	13.0			0.234	1.4		6.0	6.2	77		0.08	9		28.11	17.83	20.04
22.0	0929	14.0			0.228	1.4		5.9	6.2	77		0.08	9		28.13	17.80	20.07
22.0	0929	15.0			0.226	1.4		6.0	6.2	77		0.09	9		28.13	17.80	20.07
22.0	0929	16.0			0.225	1.4		5.9	6.1	77		0.10	9		28.14	17.78	20.08
22.0	0929	17.0			0.223	1.3		5.9	6.1	77		0.10	9		28.16	17.76	20.10
22.0	0929	18.0			0.224	1.3		5.9	6.2	77		0.14	10		28.17	17.74	20.11
21.0	0944	1.0			0.263	1.5		5.9	6.2	79		0.01	8	0.7	27.23	19.15	19.06
21.0	0944	2.0	1.8	0.81	0.265	1.5	6.2	5.9	6.2	78	2.3	0.01	8		27.31	19.03	19.15
21.0	0944	3.0			0.252	1.4		6.0	6.2	79		0.02	8		27.43	18.84	19.29
21.0	0944	4.0			0.246	1.4		6.1	6.3	79		0.02	8		27.53	18.68	19.40
21.0	0944	5.0			0.249	1.4		6.2	6.3	80		0.01	8		27.59	18.58	19.48
21.0	0944	6.0			0.252	1.4		6.2	6.4	80		0.01	8		27.65	18.48	19.54
21.0	0944	7.0			0.251	1.4		6.2	6.3	80		0.01	8		27.69	18.41	19.59
21.0	0944	8.0			0.251	1.4		6.2	6.3	80		0.01	8		27.76	18.34	19.65
21.0	0944	9.0			0.270	1.5		6.0	6.2	79		0.02	8		27.78	18.32	19.68
21.0	0944	10.0			0.299	1.6		5.9	6.2	78		0.03	8		27.83	18.27	19.73
21.0	0944	11.0			0.293	1.6		5.9	6.1	77		0.04	8		27.89	18.21	19.79
21.0	0944	12.0			0.258	1.5		5.9	6.1	77		0.05	8		27.93	18.17	19.83
21.0	0944	13.0			0.221	1.3		5.9	6.1	77		0.06	9		27.97	18.10	19.88
21.0	0944	14.0			0.191	1.2		5.8	6.1	76		0.07	9		28.03	18.02	19.94
21.0	0944	15.0			0.171	1.2		5.8	6.1	76		0.07	9		28.07	17.94	19.99
21.0	0944	16.0			0.152	1.1		5.8	6.1	76		0.07	9		28.11	17.88	20.03

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	0944	17.0	1.3	0.48	0.112	1.0	5.9	6.1	76	0.06	9	28.20	17.73	20.13			
21.0	0944	18.0			0.104	0.9	6.0	6.2	78	0.09	9	28.17	17.78	20.10			
20.0	1001	1.0			0.287	1.6	6.3	6.5	80	0.03	8	28.42	17.43	20.37			
20.0	1001	2.0			0.289	1.6	6.3	6.4	80	0.03	8	28.42	17.43	20.37			
20.0	1001	3.0			0.298	1.6	6.3	6.4	80	0.02	8	28.42	17.43	20.37			
20.0	1001	4.0			0.297	1.6	6.3	6.5	80	0.01	8	28.42	17.44	20.37			
20.0	1001	5.0			0.297	1.6	6.5	6.6	82	0.01	8	28.41	17.44	20.36			
20.0	1001	6.0			0.296	1.6	6.4	6.5	81	0.01	8	28.14	17.84	20.06			
20.0	1001	7.0			0.297	1.6	6.1	6.3	79	0.01	8	27.99	18.06	19.90			
20.0	1001	8.0			0.300	1.6	6.2	6.4	79	0.02	8	28.40	17.41	20.36			
20.0	1001	9.0			0.370	1.9	6.2	6.4	79	0.04	8	28.41	17.41	20.37			
20.0	1001	10.0			0.392	1.9	6.3	6.4	80	0.02	8	28.41	17.41	20.37			
20.0	1001	11.0			0.327	1.7	6.2	6.3	79	0.02	8	28.41	17.58	20.38			
20.0	1001	12.0			0.305	1.6	6.1	6.3	78	0.01	8	28.40	17.37	20.37			
20.0	1001	13.0			0.300	1.6	6.1	6.3	78	0.03	8	28.40	17.36	20.37			
20.0	1001	14.0			0.305	1.6	6.2	6.4	79	0.02	8	28.39	17.36	20.37			
20.0	1001	15.0			0.310	1.6	6.2	6.4	79	0.01	8	28.40	17.34	20.38			
20.0	1001	16.0			0.303	1.6	6.2	6.4	79	0.02	8	28.42	17.31	20.40			
20.0	1001	17.0			0.298	1.6	6.2	6.3	79	0.02	8	28.44	17.29	20.42			
20.0	1001	18.0			0.298	1.6	6.0	6.3	77	0.02	8	28.48	17.24	20.46			
20.0	1001	19.0			0.300	1.6	6.1	6.3	78	0.02	8	28.61	17.05	20.61			
20.0	1001	20.0			0.305	1.6	6.2	6.4	78	0.02	8	28.82	16.76	20.83			
20.0	1001	21.0			0.306	1.6	6.3	6.4	79	0.03	8	28.98	16.52	21.00			
20.0	1001	22.0			0.294	1.6	6.3	6.4	78	0.02	8	28.97	16.53	21.00			
20.0	1001	23.0			0.280	1.5	6.3	6.4	79	0.03	8	29.00	16.49	21.03			
20.0	1001	24.0			0.273	1.5	6.3	6.4	78	0.04	8	29.03	16.44	21.06			
20.0	1001	25.0			0.273	1.5	6.3	6.4	79	0.04	8	29.04	16.43	21.08			

	n	r ²	Slope	Inter.	Std. Err.
CHL Absorption Meter Calibration:	10	0.542	3.500	0.563	0.293
OBS Calibration:	5	0.225	12.156	7.865	8.592
Dissolved Oxygen Calibration:	4	0.837	0.743	1.762	0.093

SeaBird v4.026

North San Francisco Bay

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1739	1.0			0.534	3.2					0.27	16		0.07	21.84	0.00
657.0	1739	2.0	1.6	0.63	0.525	3.3				15.9	0.26	16		0.07	21.84	0.00
657.0	1739	3.0			0.514	3.4					0.27	16		0.07	21.84	0.00
657.0	1739	4.0			0.522	3.3					0.27	16		0.07	21.84	0.00
657.0	1739	5.0			0.522	3.3					0.28	17		0.07	21.84	0.00
657.0	1739	6.0			0.513	3.5					0.28	17		0.07	21.84	0.00
657.0	1739	7.0			0.521	3.3					0.29	17		0.07	21.84	0.00
657.0	1739	8.0			0.522	3.3					0.29	17		0.07	21.84	0.00
657.0	1739	9.0			0.514	3.4					0.28	17		0.07	21.84	0.00
657.0	1739	10.0			0.512	3.5					0.29	17		0.07	21.84	0.00
657.0	1739	11.0	1.6	0.71	0.513	3.5					0.31	18		0.07	21.84	0.00
649.0	1648	2.0			0.493	3.7				11.0	0.39	21		0.07	22.21	0.00
649.0	1648	3.0			0.495	3.7					0.39	21		0.07	22.22	0.00
649.0	1648	4.0			0.492	3.7					0.39	21		0.07	22.21	0.00
649.0	1648	5.0			0.488	3.8					0.39	21		0.07	22.21	0.00
649.0	1648	6.0			0.492	3.7					0.39	21		0.07	22.21	0.00
649.0	1648	7.0			0.494	3.7					0.40	22		0.07	22.20	0.00
649.0	1648	8.0			0.491	3.8					0.42	22		0.07	22.19	0.00
649.0	1648	9.0			0.484	3.8					0.45	24		0.07	22.19	0.00
649.0	1648	10.0			0.472	4.0					0.46	24		0.07	22.19	0.00
649.0	1648	11.0	2.4	0.62	0.473	4.0					0.46	24		0.07	22.18	0.00
2.0	1629	1.0			0.521	3.3					0.62	30	3.1	0.25	22.97	0.00
2.0	1629	2.0			0.521	3.3					0.58	29		0.25	22.97	0.00
2.0	1629	3.0			0.510	3.5					0.54	27		0.25	22.97	0.00
2.0	1629	4.0			0.499	3.6					0.55	27		0.25	22.98	0.00
2.0	1629	5.0			0.503	3.6					0.55	27		0.26	22.96	0.00
2.0	1629	6.0			0.511	3.5					0.56	28		0.27	22.97	0.00
2.0	1629	7.0			0.522	3.3					0.57	28		0.27	22.96	0.00
2.0	1629	8.0			0.526	3.3					0.59	29		0.27	22.96	0.00
2.0	1629	9.0			0.520	3.4					0.60	30		0.27	22.94	0.00
2.0	1629	10.0			0.518	3.4					0.65	32		0.27	22.92	0.00
2.0	1629	11.0			0.523	3.3					0.68	33		0.27	22.92	0.00
3.0	1613	1.0			0.470	4.0					0.65	32		0.26	22.73	0.00
3.0	1613	2.0	3.6	0.64	0.471	4.0				19.8	0.60	29		0.25	22.73	0.00
3.0	1613	3.0			0.468	4.1					0.60	29		0.26	22.73	0.00
3.0	1613	4.0			0.459	4.2					0.62	30		0.26	22.72	0.00
3.0	1613	5.0			0.461	4.2					0.64	31		0.27	22.72	0.00
3.0	1613	6.0			0.464	4.1					0.63	31		0.27	22.73	0.00
3.0	1613	7.0			0.454	4.2					0.65	32		0.31	22.72	0.00
3.0	1613	8.0			0.447	4.3					0.67	32		0.33	22.72	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	CALC % OXY	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1613	9.0		0.54	0.455	4.2					0.69	33		0.35	22.72	0.00
3.0	1613	10.0	3.2		0.458	4.2					0.77	36		0.37	22.72	0.00
4.0	1550	1.0			0.451	4.3					0.70	33		0.48	22.72	0.00
4.0	1550	2.0			0.449	4.3					0.64	31		0.49	22.71	0.00
4.0	1550	3.0			0.446	4.4					0.65	32		0.48	22.65	0.00
4.0	1550	4.0			0.443	4.4					0.72	34		0.49	22.57	0.00
4.0	1550	5.0			0.444	4.4					0.76	36		0.50	22.57	0.00
4.0	1550	6.0			0.441	4.4					0.77	36		0.52	22.53	0.00
4.0	1550	7.0			0.438	4.5					0.86	40		0.58	22.48	0.00
4.0	1550	8.0			0.436	4.5					1.03	47		0.61	22.48	0.00
4.0	1550	9.0			0.436	4.5					1.05	47		0.62	22.47	0.00
4.0	1550	10.0			0.435	4.5					1.09	49		0.67	22.46	0.00
4.0	1550	11.0			0.430	4.6					1.13	50		0.71	22.43	0.00
4.0	1550	12.0			0.424	4.7					1.37	60		0.95	22.32	0.00
4.0	1550	13.0			0.428	4.6	8.2	8.5	98		1.65	71		1.10	22.27	0.00
4.0	1550	14.0			0.430	4.6	8.2	8.5	98		1.83	78		1.21	22.23	0.00
5.0	1532	1.0			0.428	4.6					1.07	48		0.90	22.50	0.00
5.0	1532	2.0			0.416	4.8					0.94	43		0.90	22.51	0.00
5.0	1532	3.0			0.422	4.7					0.94	43		0.90	22.50	0.00
5.0	1532	4.0			0.391	5.1					0.94	43		0.90	22.50	0.00
5.0	1532	5.0			0.373	5.3					0.96	44		0.89	22.48	0.00
5.0	1532	6.0			0.372	5.4					0.99	45		0.90	22.45	0.00
5.0	1532	7.0			0.372	5.4					1.01	46		0.90	22.44	0.00
5.0	1532	8.0			0.371	5.4					1.03	47		0.90	22.43	0.00
5.0	1532	9.0			0.370	5.4					1.06	48		0.91	22.42	0.00
5.0	1532	10.0			0.369	5.4					1.12	50		0.91	22.42	0.00
5.0	1532	11.0			0.370	5.4					1.20	53		0.92	22.41	0.00
5.0	1532	12.0			0.371	5.4					1.27	56		0.92	22.40	0.00
6.0	1507	1.0			0.337	5.8		8.1	8.3	97	0.70	33		2.38	22.49	0.00
6.0	1507	2.0	1.5	0.48	0.335	5.9	8.1	8.0	8.3	97	0.63	31		2.38	22.45	0.00
6.0	1507	3.0			0.343	5.8		8.0	8.2	97	0.65	32		2.38	22.43	0.00
6.0	1507	4.0			0.348	5.7		7.9	8.2	96	0.70	33		2.39	22.32	0.00
6.0	1507	5.0			0.346	5.7		8.0	8.2	96	0.73	35		2.48	22.17	0.00
6.0	1507	6.0			0.340	5.8		8.0	8.2	96	0.83	39		2.60	22.13	0.00
6.0	1507	7.0			0.332	5.9		8.0	8.3	97	0.90	41		2.76	22.08	0.00
6.0	1507	8.0			0.324	6.0		8.1	8.3	97	0.90	41		2.88	22.05	0.00
6.0	1507	9.0			0.314	6.1		8.0	8.3	97	0.91	42		2.97	22.02	0.02
6.0	1507	10.0			0.313	6.2		8.0	8.2	96	0.95	43		3.21	21.99	0.21
6.0	1507	11.0	2.4	0.49	0.316	6.1		8.1	8.3	97	1.03	47		3.80	21.81	0.69

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
7.0	1444	1.0			0.287	6.5		7.8	8.0	96		0.32	18	2.1	4.64	22.58	1.15
7.0	1444	2.0			0.290	6.5		7.7	7.9	94		0.31	18		4.99	22.31	1.48
7.0	1444	3.0			0.293	6.4		7.7	8.0	94		0.30	17		5.71	21.95	2.10
7.0	1444	4.0			0.290	6.5		7.7	7.9	94		0.32	18		6.11	21.87	2.42
7.0	1444	5.0			0.289	6.5		7.7	7.9	94		0.38	21		6.38	21.81	2.64
7.0	1444	6.0			0.291	6.5		7.6	7.9	93		0.42	22		6.62	21.77	2.84
7.0	1444	7.0			0.291	6.5		7.6	7.9	93		0.45	24		6.99	21.68	3.13
7.0	1444	8.0			0.287	6.5		7.6	7.8	93		0.47	24		7.19	21.60	3.31
7.0	1444	9.0			0.288	6.5		7.7	7.9	93		0.50	25		7.39	21.56	3.46
7.0	1444	10.0			0.290	6.5		7.6	7.8	93		0.50	25		7.43	21.56	3.49
8.0	1410	1.0			0.378	5.3		8.0	8.2	98		0.39	21	2.4	6.20	21.93	2.48
8.0	1410	2.0			0.379	5.3		8.0	8.3	98		0.35	19		6.19	21.90	2.48
8.0	1410	3.0			0.385	5.2		7.9	8.2	97		0.36	20		6.31	21.77	2.60
8.0	1410	4.0			0.387	5.2		7.8	8.0	95		0.35	19		6.86	21.57	3.06
8.0	1410	5.0			0.385	5.2		7.6	7.9	93		0.33	19		7.74	21.40	3.77
8.0	1410	6.0			0.383	5.2		7.6	7.8	93		0.31	18		8.22	21.33	4.15
8.0	1410	7.0			0.376	5.3		7.6	7.8	93		0.31	18		8.44	21.30	4.31
8.0	1410	8.0			0.371	5.4		7.6	7.8	93		0.33	19		8.83	21.29	4.62
8.0	1410	9.0			0.374	5.3		7.5	7.7	92		0.34	19		9.03	21.30	4.76
8.0	1410	10.0			0.377	5.3		7.5	7.7	92		0.39	21		9.81	21.24	5.37
8.0	1410	11.0			0.373	5.3		7.3	7.6	91		0.41	22		11.13	21.10	6.39
8.0	1410	12.0			0.371	5.4		7.3	7.5	90		0.43	23		11.66	21.04	6.81
8.0	1410	13.0			0.372	5.4		7.2	7.4	90		0.56	28		12.85	20.94	7.73
8.0	1410	14.0			0.384	5.2		7.2	7.4	90		0.92	42		13.22	20.91	8.02
8.0	1410	15.0			0.387	5.1		7.3	7.5	91		1.57	68		13.51	20.88	8.24
9.0	1348	1.0			0.357	5.6		8.0	8.2	98		0.27	16	2.1	8.17	21.71	4.01
9.0	1348	2.0	3.7	0.87	0.354	5.6	8.1	7.8	8.0	95	18.6	0.27	16		8.27	21.54	4.13
9.0	1348	3.0			0.356	5.6		7.7	7.9	94		0.27	16		8.86	21.34	4.63
9.0	1348	4.0			0.358	5.5		7.7	7.9	95		0.32	18		9.07	21.24	4.81
9.0	1348	5.0			0.355	5.6		7.7	7.9	94		0.34	19		9.14	21.22	4.86
9.0	1348	6.0			0.355	5.6		7.7	7.9	94		0.34	19		9.21	21.20	4.92
9.0	1348	7.0			0.357	5.6		7.6	7.8	94		0.33	19		9.40	21.19	5.07
9.0	1348	8.0			0.359	5.5		7.6	7.8	93		0.34	19		9.55	21.19	5.18
9.0	1348	9.0			0.358	5.5		7.6	7.8	93		0.37	20		9.67	21.21	5.27
9.0	1348	10.0			0.355	5.6		7.6	7.8	93		0.41	22		10.04	21.17	5.55
9.0	1348	11.0			0.358	5.5		7.6	7.8	93		0.43	23		10.21	21.16	5.68
9.0	1348	12.0			0.359	5.5		7.5	7.7	92		0.44	23		10.78	21.13	6.12
9.0	1348	13.0			0.351	5.6		7.4	7.6	91		0.46	24		12.09	21.01	7.14
9.0	1348	14.0			0.337	5.8		7.3	7.5	91		0.49	25		13.19	20.91	8.00
9.0	1348	15.0			0.333	5.9		7.3	7.5	91		0.52	26		13.24	20.90	8.04
9.0	1348	16.0			0.336	5.8		7.3	7.5	91		0.60	29		13.57	20.85	8.30

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9.0	1348	17.0			0.339	5.8	7.3	7.5	91		0.65	31		13.70	20.84	8.40
9.0	1348	18.0			0.344	5.7	7.3	7.5	91		0.67	32		13.80	20.83	8.48
9.0	1348	19.0			0.344	5.7	7.3	7.5	91		0.63	31		13.92	20.82	8.56
9.0	1348	20.0			0.337	5.8	7.2	7.5	91		0.67	32		14.31	20.78	8.87
9.0	1348	21.0			0.333	5.9	7.2	7.4	91		0.76	36		14.49	20.75	9.01
9.0	1348	22.0			0.334	5.9	7.2	7.4	91		0.91	42		15.00	20.68	9.41
9.0	1348	23.0			0.332	5.9	7.3	7.5	91		1.02	46		15.72	20.54	9.99
9.0	1348	24.0			0.328	6.0	7.3	7.5	91		1.88	81		16.12	20.47	10.31
9.0	1348	25.0			0.327	6.0	7.3	7.5	92		3.49	145		16.44	20.41	10.57
9.0	1348	26.0	7.0	0.78	0.328	6.0	7.3	7.5	91		4.70	193		16.52	20.40	10.64
10.0	1334	1.0			0.389	5.1	7.8	8.0	96		0.36	20		9.73	21.37	5.28
10.0	1334	2.0			0.388	5.1	7.8	8.0	96		0.33	19		9.74	21.35	5.29
10.0	1334	3.0			0.396	5.0	7.7	7.9	95		0.36	20		9.82	21.32	5.35
10.0	1334	4.0			0.399	5.0	7.7	7.9	94		0.38	20		10.28	21.20	5.73
10.0	1334	5.0			0.398	5.0	7.6	7.8	93		0.43	23		11.16	21.11	6.41
10.0	1334	6.0			0.398	5.0	7.4	7.6	92		0.43	23		11.89	21.02	6.99
10.0	1334	7.0			0.393	5.1	7.3	7.5	91		0.44	23		12.72	20.91	7.64
10.0	1334	8.0			0.388	5.1	7.3	7.5	92		0.47	24		13.39	20.83	8.16
10.0	1334	9.0			0.385	5.2	7.4	7.6	92		0.53	27		13.57	20.81	8.30
10.0	1334	10.0			0.388	5.1	7.4	7.6	92		0.58	29		13.61	20.81	8.34
10.0	1334	11.0			0.391	5.1	7.3	7.5	92		0.62	30		13.95	20.77	8.60
10.0	1334	12.0			0.391	5.1	7.4	7.6	92		0.63	31		14.22	20.74	8.81
10.0	1334	13.0			0.391	5.1	7.4	7.6	92		0.67	32		14.32	20.73	8.89
10.0	1334	14.0			0.390	5.1	7.3	7.5	92		0.72	34		14.36	20.73	8.92
10.0	1334	15.0			0.393	5.1	7.4	7.6	92		0.75	35		14.40	20.73	8.95
10.0	1334	16.0			0.392	5.1	7.3	7.5	92		0.76	36		14.45	20.73	8.99
10.0	1334	17.0			0.402	5.0	7.3	7.5	92		0.76	36		14.47	20.73	9.00
10.0	1334	18.0			0.408	4.9	7.3	7.5	92		0.79	37		14.56	20.72	9.08
11.0	1308	1.0			0.384	5.2	7.7	7.9	96		0.33	19	2.4	13.17	21.11	7.93
11.0	1308	2.0			0.384	5.2	7.5	7.7	94		0.34	19		13.62	20.92	8.31
11.0	1308	3.0			0.389	5.1	7.4	7.6	93		0.35	20		14.25	20.73	8.84
11.0	1308	4.0			0.388	5.1	7.4	7.6	93		0.37	20		14.57	20.67	9.10
11.0	1308	5.0			0.388	5.1	7.4	7.6	92		0.40	21		14.78	20.63	9.26
11.0	1308	6.0			0.392	5.1	7.3	7.5	92		0.42	22		14.97	20.60	9.41
11.0	1308	7.0			0.394	5.1	7.3	7.5	92		0.44	23		15.31	20.54	9.68
11.0	1308	8.0			0.388	5.1	7.3	7.5	92		0.51	26		15.80	20.45	10.08
11.0	1308	9.0			0.378	5.3	7.2	7.4	91		0.55	27		16.32	20.37	10.49
11.0	1308	10.0			0.370	5.4	7.2	7.4	91		0.59	29		16.91	20.24	10.97
11.0	1308	11.0			0.367	5.4	7.2	7.4	91		0.82	38		17.91	20.06	11.76
11.0	1308	12.0			0.369	5.4	7.3	7.5	92		0.88	41		18.30	19.98	12.08
11.0	1308	13.0			0.375	5.3	7.3	7.5	92		0.91	42		18.45	19.94	12.20

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STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
11.0	1308	14.0			0.384	5.2	7.3	7.5	92		0.91	42		18.58	19.92	12.30
11.0	1308	15.0			0.390	5.1	7.2	7.4	91		0.92	42		18.64	19.91	12.35
11.0	1308	16.0			0.407	4.9	7.1	7.3	90		0.86	40		19.13	19.83	12.74
11.0	1308	17.0			0.426	4.6	7.1	7.3	90		0.79	37		20.11	19.61	13.54
11.0	1308	18.0			0.423	4.7	7.1	7.3	90		2.45	103		21.41	19.36	14.58
11.0	1308	19.0			0.420	4.7	7.1	7.3	90		4.07	168		21.54	19.33	14.69
12.0	1248	1.0			0.393	5.1	7.7	7.9	97		0.35	19		14.34	20.82	8.89
12.0	1248	2.0			0.393	5.1	7.6	7.8	96		0.31	18		14.39	20.76	8.94
12.0	1248	3.0			0.393	5.1	7.4	7.6	93		0.36	20		14.56	20.67	9.08
12.0	1248	4.0			0.392	5.1	7.3	7.5	91		0.42	22		15.95	20.36	10.21
12.0	1248	5.0			0.395	5.1	7.2	7.4	91		0.47	24		17.30	20.12	11.29
12.0	1248	6.0			0.402	4.9	7.1	7.3	90		0.54	27		17.68	20.07	11.59
12.0	1248	7.0			0.409	4.9	7.1	7.3	90		0.57	28		19.24	19.79	12.83
12.0	1248	8.0			0.412	4.8	7.2	7.3	91		0.57	28		20.18	19.63	13.59
12.0	1248	9.0			0.410	4.8	7.2	7.4	91		0.48	25		20.80	19.48	14.09
13.0	1222	1.0			0.401	5.0	7.9	8.1	100		0.36	20	2.0	21.20	19.27	14.44
13.0	1222	2.0			0.404	4.9	7.8	8.1	99	23.0	0.36	20		21.20	19.25	14.45
13.0	1222	3.0	10.9	0.92	0.397	5.0	7.7	7.9	98		0.35	20		21.28	19.17	14.53
13.0	1222	4.0			0.393	5.1	7.6	7.8	96		0.36	20		21.49	19.04	14.72
13.0	1222	5.0			0.390	5.1	7.4	7.6	93		0.38	21		21.85	19.01	15.00
13.0	1222	6.0			0.386	5.2	7.3	7.5	92		0.42	22		22.06	19.00	15.16
13.0	1222	7.0			0.380	5.2	7.3	7.5	93		0.43	23		22.18	19.01	15.25
13.0	1222	8.0			0.377	5.3	7.2	7.3	91		0.44	23		22.42	19.00	15.44
13.0	1222	9.0	8.4	0.90	0.379	5.3	7.2	7.4	92		0.51	26		23.09	18.90	15.97
14.0	1205	1.0			0.504	3.6	8.1	8.3	103		0.32	18	2.3	19.75	19.76	13.23
14.0	1205	2.0			0.507	3.5	7.9	8.1	100		0.30	18		19.86	19.66	13.34
14.0	1205	3.0			0.509	3.5	7.9	8.1	100		0.25	16		21.18	19.28	14.43
14.0	1205	4.0			0.511	3.5	7.8	8.0	99		0.20	14		21.90	19.11	15.02
14.0	1205	5.0			0.516	3.4	7.6	7.9	97		0.25	15		22.19	19.04	15.25
14.0	1205	6.0			0.517	3.4	7.4	7.6	94		0.32	18		22.25	19.00	15.31
14.0	1205	7.0			0.513	3.5	7.2	7.4	91		0.25	16		23.11	18.75	16.02
14.0	1205	8.0			0.512	3.5	7.1	7.3	90		0.21	14		23.82	18.58	16.60
14.0	1205	9.0			0.513	3.5	7.0	7.2	89		0.24	15		24.10	18.51	16.83
14.0	1205	10.0			0.504	3.6	6.9	7.0	87		0.25	15		24.38	18.44	17.06
14.0	1205	11.0			0.503	3.6	6.9	7.1	88		0.34	19		24.60	18.38	17.24
14.0	1205	12.0			0.515	3.4	6.8	7.0	87		0.56	28		24.78	18.33	17.39
14.0	1205	13.0			0.512	3.5	6.9	7.1	87		0.43	23		24.95	18.30	17.52
15.0	1141	1.0			0.393	5.1	7.7	7.9	98		0.34	19	2.2	19.60	19.94	13.08
15.0	1141	2.0	8.9	0.91	0.400	5.0	7.5	7.7	94	25.4	0.33	19		20.52	19.41	13.90

North San Francisco Bay

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STN	TIME	DEPTH	DISCR CHL a	CHL a/PHA	CHL ABS	CALC CHL a	DISCR OXYG	CALC OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
15.0	1141	3.0			0.400	5.0		7.3	7.5	93		0.40	22		21.71	19.00	14.90
15.0	1141	4.0			0.400	5.0		7.2	7.3	91		0.36	20		22.12	18.97	15.22
15.0	1141	5.0			0.411	4.8		7.3	7.5	92		0.23	15		22.84	18.75	15.82
15.0	1141	6.0			0.430	4.6		7.3	7.5	92		0.23	15		23.21	18.63	16.12
15.0	1141	7.0			0.456	4.2		7.3	7.5	93		0.23	15		23.47	18.58	16.33
15.0	1141	8.0			0.467	4.1		7.2	7.4	92		0.23	15		23.64	18.53	16.47
15.0	1141	9.0			0.458	4.2		7.2	7.4	91		0.22	14		23.87	18.44	16.67
15.0	1141	10.0			0.445	4.4		7.1	7.3	90		0.21	14		23.99	18.34	16.78
15.0	1141	11.0			0.435	4.5		7.1	7.3	90		0.19	13		24.33	18.29	17.06
15.0	1141	12.0			0.424	4.7		7.0	7.2	88		0.20	13		24.59	18.23	17.27
15.0	1141	13.0			0.411	4.8		6.9	7.1	88		0.19	13		24.73	18.20	17.38
15.0	1141	14.0			0.402	4.9		6.9	7.1	87		0.22	14		24.83	18.18	17.46
15.0	1141	15.0			0.402	5.0		6.9	7.1	87		0.23	15		24.89	18.17	17.51
15.0	1141	16.0			0.404	4.9		6.8	7.0	87		0.26	16		24.93	18.16	17.54
15.0	1141	17.0			0.406	4.9		6.8	7.0	86		0.26	16		25.09	18.11	17.68
15.0	1141	18.0			0.406	4.9		6.7	6.9	85		0.28	17		25.35	18.05	17.89
15.0	1141	19.0			0.407	4.9		6.7	6.9	85		0.28	17		25.50	18.02	18.01
15.0	1141	20.0			0.409	4.9		6.7	6.9	85		0.31	18		25.64	17.99	18.13
15.0	1141	21.0			0.408	4.9		6.7	6.8	84		0.39	21		25.69	17.98	18.16
15.0	1141	22.0			0.407	4.9		6.6	6.8	84		0.41	22		25.70	17.98	18.17
15.0	1141	23.0			0.404	4.9		6.6	6.8	84		0.45	23		25.71	17.98	18.17
15.0	1141	24.0	3.1	0.71	0.404	4.9		6.7	6.9	85		0.51	26		25.70	17.98	18.17
16.0	1109	1.0			0.308	6.2		7.3	7.5	93		0.31	18	2.0	24.15	18.57	16.86
16.0	1109	2.0			0.313	6.2		7.3	7.5	93		0.30	18		24.15	18.58	16.85
16.0	1109	3.0			0.320	6.1		7.2	7.4	92		0.30	18		24.12	18.60	16.83
16.0	1109	4.0			0.325	6.0		6.9	7.0	87		0.30	18		24.29	18.46	16.98
16.0	1109	5.0			0.332	5.9		6.6	6.8	84		0.25	16		25.38	17.89	17.95
16.0	1109	6.0			0.341	5.8		6.5	6.6	82		0.16	12		26.24	17.61	18.67
16.0	1109	7.0			0.344	5.7		6.4	6.6	81		0.18	13		26.46	17.52	18.85
16.0	1109	8.0			0.350	5.7		6.3	6.4	79		0.18	13		26.70	17.41	19.07
16.0	1109	9.0			0.348	5.7		6.2	6.4	78		0.19	13		27.00	17.27	19.32
16.0	1109	10.0			0.346	5.7		6.1	6.2	76		0.19	13		27.13	17.19	19.44
16.0	1109	11.0			0.354	5.6		6.0	6.2	76		0.18	13		27.50	17.00	19.77
16.0	1109	12.0			0.357	5.6		6.0	6.1	75		0.17	12		27.66	16.91	19.91
16.0	1109	13.0			0.357	5.6		5.9	6.1	74		0.17	12		27.94	16.75	20.16
16.0	1109	14.0			0.353	5.6		5.9	6.1	74		0.16	12		28.17	16.62	20.36
16.0	1109	15.0			0.305	6.3		5.9	6.1	74		0.16	12		28.32	16.53	20.50
16.0	1109	16.0			0.288	6.5		6.0	6.1	75		0.17	12		28.36	16.55	20.53
17.0	1046	1.0			0.372	5.4		7.6	7.9	97		0.08	9	1.2	25.87	17.76	18.35
17.0	1046	2.0			0.368	5.4		7.7	7.9	97		0.09	9		25.88	17.75	18.36
17.0	1046	3.0			0.362	5.5		7.6	7.8	96		0.09	9		25.92	17.73	18.40

North San Francisco Bay

16 August 1995

95228

STN	TIME	DEPTH	DISCR CHL a	CHL a+PHA	CHL ABS	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
17.0	1046	4.0			0.357	5.6		7.5	7.7	95		0.09	9		26.00	17.68	18.47
17.0	1046	5.0			0.364	5.5		7.2	7.4	91		0.09	9		26.17	17.59	18.62
17.0	1046	6.0			0.391	5.1		6.9	7.1	87		0.08	9		26.54	17.37	18.95
17.0	1046	7.0			0.409	4.9		6.6	6.8	83		0.07	8		27.63	16.80	19.91
17.0	1046	8.0			0.413	4.8		6.5	6.6	81		0.05	8		28.38	16.45	20.56
17.0	1046	9.0			0.415	4.8		6.4	6.6	80		0.05	7		28.63	16.29	20.79
17.0	1046	10.0			0.417	4.7		6.3	6.5	79		0.03	7		28.98	16.09	21.10
17.0	1046	11.0			0.406	4.9		6.3	6.5	79		0.03	7		29.49	15.81	21.56
17.0	1046	12.0			0.377	5.3		6.4	6.5	79		0.09	9		29.58	15.76	21.63
17.0	1046	13.0			0.375	5.3		6.4	6.6	80		0.17	12		29.57	15.77	21.63
18.0	1021	2.0	9.1	0.84	0.416	4.8	7.0	7.1	7.3	89	6.1	0.05	8		27.99	16.70	20.21
18.0	1021	3.0			0.391	5.1		7.1	7.3	89		0.05	8		28.07	16.68	20.27
18.0	1021	4.0			0.374	5.3		7.1	7.3	89		0.05	7		28.17	16.66	20.36
18.0	1021	5.0			0.359	5.5		7.1	7.3	89		0.05	8		28.10	16.68	20.30
18.0	1021	6.0			0.359	5.5		6.8	7.0	85		0.04	7		28.60	16.74	20.67
18.0	1021	7.0			0.372	5.4		6.7	6.9	85		0.03	7		28.60	16.73	20.67
18.0	1021	8.0			0.356	5.6		6.6	6.8	83		0.04	7		28.65	16.75	20.70
18.0	1021	9.0			0.336	5.8		6.6	6.8	83		0.04	7		28.67	16.74	20.73
18.0	1021	10.0			0.316	6.1		6.6	6.8	83		0.04	7		28.68	16.75	20.73
18.0	1021	11.0			0.287	6.5		6.6	6.8	83		0.04	7		28.68	16.74	20.73
18.0	1021	12.0			0.271	6.7		6.6	6.7	83		0.04	7		28.67	16.70	20.73
18.0	1021	13.0			0.472	4.0		6.6	6.8	83		0.04	7		28.67	16.71	20.73
18.0	1021	14.0			0.610	2.1		6.6	6.8	83		0.03	7		28.67	16.71	20.73
18.0	1021	15.0			0.512	3.5		6.6	6.7	82		0.04	7		28.67	16.71	20.73
18.0	1021	16.0			0.485	3.8		6.6	6.7	83		0.04	7		28.67	16.71	20.73
18.0	1021	17.0			0.482	3.9		6.6	6.7	83		0.04	7		28.67	16.68	20.73
18.0	1021	18.0			0.476	3.9		6.6	6.7	83		0.04	7		28.68	16.62	20.75
18.0	1021	19.0			0.458	4.2		6.6	6.8	83		0.04	7		28.67	16.61	20.76
18.0	1021	20.0			0.429	4.6		6.5	6.7	82		0.04	7		28.68	16.60	20.76
18.0	1021	21.0			0.407	4.9		6.4	6.6	80		0.04	7		28.71	16.56	20.79
18.0	1021	22.0			0.395	5.1		6.3	6.4	78		0.04	7		28.98	16.25	21.07
18.0	1021	23.0			0.390	5.1		6.3	6.5	78		0.05	8		29.80	15.56	21.85
18.0	1021	24.0			0.390	5.1		6.4	6.6	79		0.06	8		30.30	15.18	22.31
18.0	1021	25.0			0.394	5.1		6.4	6.6	79		0.07	8		30.53	15.02	22.52
18.0	1021	26.0			0.393	5.1		6.5	6.7	80		0.06	8		30.64	14.94	22.63
18.0	1021	27.0			0.390	5.1		6.5	6.7	80		0.07	8		30.68	14.90	22.67
18.0	1021	28.0			0.389	5.1		6.5	6.7	80		0.08	9		30.72	14.87	22.70
18.0	1021	29.0			0.387	5.2		6.6	6.8	81		0.09	9		30.74	14.85	22.72
18.0	1021	30.0			0.381	5.2		6.6	6.7	81		0.09	9		30.75	14.85	22.73
18.0	1021	31.0			0.370	5.4		6.6	6.7	81		0.09	9		30.76	14.84	22.74
18.0	1021	32.0			0.363	5.5		6.6	6.8	81		0.09	9		30.79	14.81	22.77
18.0	1021	33.0			0.363	5.5		6.6	6.8	81		0.09	9		30.81	14.80	22.79

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STN	TIME	DEPTH	DISCR	CHL a/	CHL	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	ABS	CHL a	OXYG	OXYG	OXYG	OXYG	SAT	SPM	SPM	SPM				
18.0	1021	34.0		0.361	5.5	6.6	6.6	6.8	6.8	81		0.10	10		30.82	14.79	22.80
18.0	1021	35.0		0.358	5.6	6.6	6.6	6.8	6.8	81		0.11	10		30.84	14.77	22.82
18.0	1021	36.0		0.352	5.6	6.6	6.6	6.8	6.8	81		0.10	10		30.84	14.77	22.82
18.0	1021	37.0		0.342	5.8	6.6	6.6	6.8	6.8	81		0.11	10		30.85	14.77	22.82
18.0	1021	38.0		0.330	5.9	6.6	6.6	6.8	6.8	81		0.10	9		30.85	14.77	22.82
18.0	1021	39.0		0.321	6.0	6.6	6.6	6.8	6.8	81		0.11	10		30.85	14.77	22.82
18.0	1021	40.0		0.318	6.1	6.6	6.6	6.8	6.8	81		0.12	10		30.85	14.77	22.82
18.0	1021	41.0		0.319	6.1	6.6	6.6	6.8	6.8	81		0.13	11		30.85	14.76	22.82
													n	r ²	Slope	Inter.	Std. Err.
													14	0.077	-13.513	10.384	3.300
													8	0.536	39.818	5.563	7.417
													5	0.571	1.036	-0.063	0.373

CHL Absorption Meter Calibration:
 OBS Calibration:
 Dissolved Oxygen Calibration:

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0706	1.0			1.08	5.4		7.3	6.7	87		0.37	26		20.13	22.14	12.93
36.0	0706	2.0	5.8	0.82	1.07	5.3	6.7	7.2	6.6	86	27.4	0.38	27		20.99	22.10	13.58
36.0	0706	3.0			1.07	5.3		7.3	6.7	87		0.68	45		21.63	21.76	14.15
36.0	0706	4.0			1.09	5.4		7.5	6.9	89		0.86	57		21.90	21.81	14.34
36.0	0706	5.0			1.10	5.5		7.5	6.8	89		1.05	69		22.05	21.84	14.45
36.0	0706	6.0	5.1	0.57	1.09	5.4		7.4	6.8	89		1.28	83		22.11	21.80	14.51
34.0	0725	1.0			0.81	3.7		7.9	7.2	94		0.22	17	1.8	23.10	21.85	15.24
34.0	0725	2.0			0.79	3.6		7.9	7.2	95		0.25	19		23.36	21.81	15.45
34.0	0725	3.0			0.78	3.5		8.0	7.3	96		0.34	25		23.68	21.77	15.70
34.0	0725	4.0			0.78	3.6		8.1	7.4	97		0.57	39		23.89	21.75	15.87
34.0	0725	5.0			0.81	3.7		8.1	7.4	97		0.89	59		23.94	21.75	15.90
34.0	0725	6.0			0.83	3.9		8.1	7.4	97		1.11	72		23.94	21.75	15.90
34.0	0725	7.0			0.83	3.9		8.1	7.4	97		1.67	107		23.93	21.75	15.90
32.0	0747	1.0			0.65	2.7		8.2	7.5	98		0.07	8	1.1	24.74	21.48	16.58
32.0	0747	2.0	3.3	0.77	0.63	2.6	7.4	8.2	7.5	98	6.0	0.07	8		24.87	21.50	16.67
32.0	0747	3.0			0.62	2.6		8.2	7.5	98		0.07	8		24.97	21.48	16.75
32.0	0747	4.0			0.61	2.5		8.2	7.5	98		0.08	8		25.04	21.47	16.81
32.0	0747	5.0			0.60	2.5		8.2	7.5	98		0.08	8		25.08	21.46	16.84
32.0	0747	6.0			0.60	2.5		8.2	7.4	98		0.08	9		25.09	21.45	16.85
32.0	0747	7.0			0.60	2.4		8.2	7.4	98		0.08	9		25.10	21.44	16.87
32.0	0747	8.0			0.59	2.4		8.2	7.4	98		0.10	10		25.28	21.39	17.01
32.0	0747	9.0			0.58	2.3		8.2	7.4	97		0.21	16		25.36	21.38	17.08
32.0	0747	10.0			0.59	2.4		8.1	7.4	97		0.36	26		25.37	21.39	17.08
32.0	0747	11.0			0.60	2.4		8.1	7.4	97		0.60	41		25.37	21.39	17.08
32.0	0747	12.0	1.9	0.31	0.60	2.4		8.2	7.4	97		0.74	49		25.37	21.39	17.08
30.0	0819	1.0			0.43	1.4		8.0	7.3	95		0.02	5	0.8	25.95	20.80	17.68
30.0	0819	2.0	1.3	0.60	0.43	1.4	7.3	8.0	7.3	95		0.02	5		25.98	20.81	17.69
30.0	0819	3.0			0.42	1.3		8.0	7.3	95		0.02	5		26.02	20.79	17.73
30.0	0819	4.0			0.41	1.3		7.9	7.2	94		0.02	5		26.06	20.77	17.76
30.0	0819	5.0			0.39	1.2		7.9	7.2	94		0.03	5		26.20	20.67	17.89
30.0	0819	6.0			0.38	1.1		7.9	7.2	94		0.05	7		26.32	20.61	18.00
30.0	0819	7.0			0.39	1.1		7.9	7.2	94		0.09	9		26.37	20.58	18.04
30.0	0819	8.0			0.39	1.2		7.9	7.2	94		0.13	12		26.38	20.58	18.06
30.0	0819	9.0			0.39	1.1		7.9	7.2	94		0.18	15		26.40	20.57	18.07
30.0	0819	10.0			0.39	1.1		7.9	7.2	94		0.25	19		26.41	20.57	18.08
30.0	0819	11.0			0.39	1.1		7.9	7.2	94		0.29	22		26.40	20.57	18.08
30.0	0819	12.0	0.9	0.28	0.39	1.1		7.9	7.2	94		0.32	24		26.40	20.57	18.08
29.0	0846	1.0			0.43	1.4		8.2	7.4	97		0.00	4	0.7	26.84	20.30	18.48
29.0	0846	2.0			0.43	1.4		8.2	7.4	97		0.01	4		26.85	20.30	18.49

STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA		CHL a	OXYG	OXYG	OXYG	OXYG	SAT	SPM		SPM				
29.0	0846	3.0			0.43	1.4		8.2	7.4	7.4	97		0.01	4		26.87	20.29	18.50
29.0	0846	4.0			0.43	1.4		8.2	7.4	7.4	97		0.02	5		26.90	20.29	18.53
29.0	0846	5.0			0.44	1.5		8.2	7.4	7.4	97		0.03	5		26.91	20.29	18.53
29.0	0846	6.0			0.44	1.5		8.2	7.4	7.4	97		0.04	6		26.91	20.28	18.53
29.0	0846	7.0			0.44	1.5		8.2	7.4	7.4	97		0.05	7		26.92	20.28	18.54
29.0	0846	8.0			0.45	1.5		8.2	7.4	7.4	97		0.05	7		26.92	20.28	18.54
29.0	0846	9.0			0.45	1.5		8.2	7.4	7.4	97		0.05	7		26.92	20.28	18.54
29.0	0846	10.0			0.44	1.5		8.2	7.4	7.4	97		0.05	7		26.92	20.29	18.54
29.0	0846	11.0			0.44	1.5		8.2	7.4	7.4	97		0.07	8		26.92	20.29	18.54
29.0	0846	12.0			0.44	1.5		8.2	7.4	7.4	97		0.06	7		26.92	20.29	18.54
29.0	0846	13.0			0.46	1.6		8.2	7.5	7.5	97		0.07	8		26.92	20.29	18.54
29.0	0846	14.0			0.46	1.6		8.2	7.4	7.4	97		0.07	8		26.92	20.29	18.54
29.0	0846	15.0			0.46	1.6		8.2	7.4	7.4	97		0.08	9		26.92	20.29	18.54
27.0	0915	1.0			0.51	1.9		8.6	7.7	7.7	100		0.01	5	0.8	27.50	19.97	19.06
27.0	0915	2.0		1.6	0.58	1.9		8.6	7.7	7.7	100	5.2	0.02	5		27.50	19.95	19.07
27.0	0915	3.0			0.51	1.9	7.8	8.6	7.7	7.7	100		0.03	6		27.50	19.95	19.07
27.0	0915	4.0			0.50	1.8		8.6	7.7	7.7	100		0.03	6		27.50	19.95	19.07
27.0	0915	5.0			0.50	1.8		8.6	7.7	7.7	100		0.04	6		27.51	19.94	19.07
27.0	0915	6.0			0.50	1.9		8.6	7.7	7.7	100		0.04	6		27.51	19.93	19.08
27.0	0915	7.0			0.51	1.9		8.6	7.7	7.7	100		0.04	6		27.51	19.93	19.08
27.0	0915	8.0			0.51	1.9		8.6	7.7	7.7	100		0.04	6		27.51	19.93	19.08
27.0	0915	9.0			0.50	1.8		8.6	7.7	7.7	100		0.05	7		27.51	19.93	19.08
27.0	0915	10.0			0.51	1.9		8.6	7.8	7.8	100		0.05	7		27.51	19.93	19.08
27.0	0915	11.0			0.51	1.9		8.6	7.7	7.7	100		0.06	7		27.51	19.92	19.08
27.0	0915	12.0			0.51	1.9		8.6	7.7	7.7	100		0.06	7		27.51	19.92	19.08
27.0	0915	13.0		1.4	0.47	1.9		8.6	7.7	7.7	100		0.06	7		27.51	19.92	19.08
25.0	0943	1.0			0.46	1.6		8.1	7.4	7.4	95		0.01	5	0.6	27.31	19.44	19.05
25.0	0943	2.0			0.46	1.6		8.1	7.4	7.4	95		0.01	4		27.31	19.44	19.05
25.0	0943	3.0			0.46	1.6		8.2	7.4	7.4	95		0.01	5		27.31	19.44	19.05
25.0	0943	4.0			0.46	1.6		8.2	7.4	7.4	95		0.02	5		27.31	19.45	19.05
25.0	0943	5.0			0.46	1.6		8.2	7.4	7.4	95		0.01	5		27.31	19.45	19.05
25.0	0943	6.0			0.46	1.6		8.2	7.4	7.4	95		0.02	5		27.32	19.46	19.05
25.0	0943	7.0			0.45	1.5		8.1	7.4	7.4	95		0.03	5		27.32	19.46	19.05
25.0	0943	8.0			0.45	1.5		8.1	7.4	7.4	95		0.03	5		27.32	19.46	19.05
25.0	0943	9.0			0.45	1.5		8.2	7.4	7.4	95		0.02	5		27.33	19.47	19.05
24.0	1001	1.0			0.34	0.9		7.6	7.0	7.0	86		0.00	4	0.6	26.96	17.62	19.21
24.0	1001	2.0		1.0	0.54	0.8	6.9	7.6	7.0	7.0	86	3.9	0.00	4		27.02	17.66	19.25
24.0	1001	3.0			0.33	0.8		7.6	7.0	7.0	87		0.00	4		27.03	17.67	19.26
24.0	1001	4.0			0.33	0.8		7.6	7.0	7.0	86		0.01	4		27.10	17.71	19.30
24.0	1001	5.0			0.33	0.8		7.6	7.0	7.0	86		0.01	4		27.05	17.69	19.27

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
24.0	1001	6.0			0.33	0.8		7.6	7.0	86		0.02	5		27.08	17.71	19.29
24.0	1001	7.0			0.32	0.8		7.6	7.0	86		0.01	4		27.10	17.72	19.30
24.0	1001	8.0			0.32	0.8		7.6	7.0	86		0.01	5		27.10	17.72	19.30
24.0	1001	9.0			0.32	0.8		7.6	7.0	86		0.01	4		27.11	17.73	19.31
24.0	1001	10.0			0.32	0.7		7.6	6.9	86		0.01	5		27.12	17.74	19.31
24.0	1001	11.0	0.9	0.43	0.32	0.7		7.6	7.0	86		0.02	5		27.17	17.77	19.34
22.0	1036	1.0			0.39	1.2		7.7	7.1	87		0.00	4	0.6	26.76	17.28	19.14
22.0	1036	2.0			0.39	1.1		7.6	7.0	85		0.00	4		27.25	17.14	19.54
22.0	1036	3.0			0.38	1.1		7.5	6.9	84		0.00	4		27.39	17.03	19.68
22.0	1036	4.0			0.37	1.1		7.4	6.8	84		0.00	4		27.64	16.85	19.91
22.0	1036	5.0			0.36	0.9		7.4	6.8	83		0.00	4		28.00	16.69	20.22
22.0	1036	6.0			0.35	0.9		7.3	6.8	82		0.00	4		28.23	16.59	20.42
22.0	1036	7.0			0.34	0.8		7.3	6.8	82		0.00	4		28.49	16.46	20.65
22.0	1036	8.0			0.33	0.8		7.3	6.7	82		0.00	4		28.54	16.42	20.70
22.0	1036	9.0			0.33	0.8		7.3	6.7	82		0.00	4		28.59	16.37	20.74
22.0	1036	10.0			0.33	0.8		7.3	6.7	82		0.00	4		28.89	16.21	21.01
22.0	1036	11.0			0.33	0.8		7.3	6.7	82		0.00	4		28.95	16.18	21.06
22.0	1036	12.0			0.33	0.8		7.3	6.7	82		0.02	5		29.09	16.10	21.18
22.0	1036	13.0			0.33	0.8		7.3	6.7	82		0.03	5		29.09	16.10	21.18
22.0	1036	14.0			0.33	0.8		7.3	6.7	82		0.03	6		29.10	16.09	21.20
22.0	1036	15.0			0.33	0.8		7.3	6.7	82		0.04	6		29.11	16.09	21.20
22.0	1036	16.0			0.32	0.8		7.3	6.7	82		0.02	5		29.12	16.08	21.22
22.0	1036	17.0			0.33	0.8		7.3	6.7	82		0.07	8		29.15	16.07	21.24
22.0	1036	18.0			0.33	0.8		7.3	6.8	82		0.09	9		29.15	16.07	21.24
21.0	1049	1.0			0.36	1.0		7.6	6.9	85		0.02	5	0.7	27.01	17.22	19.34
21.0	1049	2.0			0.35	0.9		7.4	6.8	83		0.02	5		27.38	17.11	19.65
21.0	1049	3.0	1.1	0.67	0.35	0.9	6.8	7.3	6.7	82	5.8	0.01	4		27.92	16.84	20.13
21.0	1049	4.0			0.34	0.8		7.3	6.7	82		0.01	4		28.26	16.67	20.43
21.0	1049	5.0			0.33	0.8		7.2	6.7	81		0.01	5		28.48	16.54	20.62
21.0	1049	6.0			0.33	0.8		7.1	6.6	80		0.02	5		28.74	16.38	20.86
21.0	1049	7.0			0.33	0.8		7.2	6.6	80		0.01	5		29.11	16.13	21.19
21.0	1049	8.0			0.33	0.8		7.1	6.6	80		0.01	4		29.33	15.98	21.40
21.0	1049	9.0			0.33	0.8		7.2	6.6	80		0.01	5		29.56	15.82	21.60
21.0	1049	10.0			0.33	0.8		7.2	6.6	80		0.02	5		29.62	15.78	21.66
21.0	1049	11.0			0.34	0.8		7.2	6.7	81		0.02	5		29.66	15.76	21.69
21.0	1049	12.0			0.34	0.8		7.2	6.7	81		0.03	5		29.70	15.73	21.73
21.0	1049	13.0			0.34	0.8		7.2	6.7	81		0.03	5		29.72	15.71	21.75
21.0	1049	14.0			0.35	0.9		7.3	6.7	81		0.03	6		29.76	15.69	21.79
21.0	1049	15.0			0.35	0.9		7.3	6.7	81		0.03	6		29.80	15.66	21.83
21.0	1049	16.0			0.35	0.9		7.3	6.7	81		0.04	6		29.83	15.64	21.85
21.0	1049	17.0			0.34	0.9		7.3	6.7	81		0.05	7		29.84	15.63	21.86

South San Francisco Bay

21 September 1995

95264

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	1049	18.0			0.35	0.9		7.3	6.7	81		0.05	7		29.84	15.63	21.86
21.0	1049	19.0	1.3	0.45	0.35	0.9		7.3	6.7	81		0.03	6		29.84	15.64	21.86
20.0	1109	1.0			0.39	1.2		7.5	6.9	83		0.00	4	0.5	29.65	15.71	21.70
20.0	1109	2.0			0.39	1.2		7.4	6.8	83		0.00	4		29.76	15.63	21.80
20.0	1109	3.0			0.39	1.1		7.4	6.8	82		0.00	4		30.01	15.46	22.03
20.0	1109	4.0			0.39	1.2		7.4	6.8	82		0.00	4		30.13	15.38	22.14
20.0	1109	5.0			0.39	1.2		7.4	6.8	82		0.00	4		30.15	15.37	22.16
20.0	1109	6.0			0.39	1.2		7.4	6.8	82		0.00	4		30.25	15.31	22.25
20.0	1109	7.0			0.39	1.2		7.4	6.8	82		0.00	4		30.34	15.25	22.33
20.0	1109	8.0			0.39	1.2		7.4	6.8	82		0.00	4		30.36	15.23	22.35
20.0	1109	9.0			0.38	1.1		7.4	6.8	82		0.00	4		30.41	15.19	22.40
20.0	1109	10.0			0.38	1.1		7.4	6.8	82		0.00	4		30.44	15.17	22.43
20.0	1109	11.0			0.38	1.1		7.4	6.8	81		0.00	4		30.50	15.13	22.48
20.0	1109	12.0			0.38	1.1		7.4	6.8	81		0.00	4		30.54	15.10	22.52
20.0	1109	13.0			0.39	1.1		7.4	6.8	81		0.00	4		30.56	15.09	22.53
20.0	1109	14.0			0.39	1.1		7.4	6.8	81		0.00	4		30.58	15.07	22.55
20.0	1109	15.0			0.39	1.1		7.4	6.8	81		0.00	4		30.59	15.07	22.57
20.0	1109	16.0			0.38	1.1		7.4	6.8	82		0.00	4		30.59	15.07	22.56
20.0	1109	17.0			0.38	1.1		7.4	6.8	81		0.00	4		30.59	15.07	22.56
20.0	1109	18.0			0.38	1.1		7.4	6.8	82		0.00	4		30.59	15.07	22.56
20.0	1109	19.0			0.38	1.1		7.4	6.8	82		0.00	4		30.59	15.07	22.57
20.0	1109	20.0			0.38	1.1		7.4	6.8	82		0.00	4		30.60	15.06	22.57
20.0	1109	21.0			0.38	1.1		7.4	6.8	82		0.00	4		30.60	15.06	22.57
20.0	1109	22.0			0.38	1.1		7.4	6.8	82		0.00	4		30.60	15.06	22.57
20.0	1109	23.0			0.38	1.1		7.4	6.8	82		0.00	4		30.60	15.06	22.57
20.0	1109	24.0			0.37	1.1		7.4	6.8	82		0.00	4		30.60	15.06	22.57
20.0	1109	25.0			0.38	1.1		7.4	6.8	82		0.00	4		30.60	15.06	22.57
20.0	1109	26.0			0.38	1.1		7.4	6.8	82		0.01	4		30.60	15.06	22.57

..... Slope Inter. Std. Err.

Fluorometer Calibration:
OBS Calibration:
Dissolved Oxygen Calibration:

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.942	6.097	-1.221	0.428
OBS Calibration:	5	0.985	61.950	3.651	1.416
Dissolved Oxygen Calibration:	6	0.989	0.800	0.881	0.049

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	2024	1.0			0.38	1.5						0.26	21		0.07	19.97	0.00
657.0	2024	2.0	1.5	0.62	0.38	1.5					17.5	0.26	21		0.07	19.96	0.00
657.0	2024	3.0			0.38	1.5						0.26	21		0.07	19.96	0.00
657.0	2024	4.0			0.38	1.6						0.26	21		0.07	19.96	0.00
657.0	2024	5.0			0.38	1.6						0.26	21		0.07	19.96	0.00
657.0	2024	6.0			0.38	1.5						0.26	21		0.07	19.96	0.00
657.0	2024	7.0			0.38	1.5						0.27	22		0.07	19.96	0.00
657.0	2024	8.0			0.38	1.6						0.27	22		0.07	19.95	0.00
657.0	2024	9.0			0.38	1.6						0.28	22		0.07	19.95	0.00
657.0	2024	10.0			0.38	1.6						0.28	22		0.07	19.95	0.00
649.0	1924	1.0			0.39	1.6						0.29	23		0.07	20.12	0.00
649.0	1924	2.0	2.0	0.70	0.39	1.6					35.4	0.29	23		0.07	20.12	0.00
649.0	1924	3.0			0.39	1.7						0.28	22		0.07	20.12	0.00
649.0	1924	4.0			0.40	1.7						0.27	22		0.07	20.13	0.00
649.0	1924	5.0			0.40	1.7						0.27	22		0.07	20.13	0.00
649.0	1924	6.0			0.40	1.7						0.27	22		0.07	20.12	0.00
649.0	1924	7.0			0.40	1.7						0.28	22		0.07	20.14	0.00
649.0	1924	8.0			0.41	1.8						0.27	22		0.08	20.14	0.00
649.0	1924	9.0			0.42	1.9						0.27	22		0.08	20.16	0.00
649.0	1924	10.0			0.41	1.8						0.28	22		0.08	20.16	0.00
649.0	1924	11.0			0.40	1.7						0.29	23		0.08	20.15	0.00
2.0	1902	1.0			0.45	2.1						0.29	23		0.08	20.64	0.00
2.0	1902	2.0			0.45	2.1						0.30	23		0.08	20.64	0.00
2.0	1902	3.0			0.45	2.1						0.30	23		0.08	20.64	0.00
2.0	1902	4.0			0.46	2.2						0.29	23		0.08	20.63	0.00
2.0	1902	5.0			0.47	2.2						0.31	24		0.08	20.63	0.00
2.0	1902	6.0			0.48	2.3						0.33	26		0.08	20.63	0.00
2.0	1902	7.0			0.48	2.3						0.36	28		0.08	20.63	0.00
2.0	1902	8.0			0.48	2.3						0.38	29		0.08	20.62	0.00
2.0	1902	9.0			0.48	2.3						0.38	29		0.08	20.61	0.00
2.0	1902	10.0			0.48	2.3						0.38	29		0.08	20.61	0.00
2.0	1902	11.0			0.48	2.3						0.38	29		0.08	20.61	0.00
3.0	1847	2.0	3.3	0.73	0.50	2.4					36.8	0.48	36		0.17	20.59	0.00
3.0	1847	3.0			0.50	2.5						0.47	35		0.17	20.60	0.00
3.0	1847	4.0			0.51	2.5						0.47	35		0.17	20.60	0.00
3.0	1847	5.0			0.51	2.5						0.47	36		0.17	20.60	0.00
3.0	1847	6.0			0.52	2.6						0.49	37		0.17	20.59	0.00
3.0	1847	7.0			0.53	2.6						0.50	38		0.18	20.59	0.00
3.0	1847	8.0			0.53	2.7						0.52	38		0.18	20.59	0.00
3.0	1847	9.0			0.53	2.7						0.52	39		0.18	20.59	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPH	OBS SPH	CALC SPH	EXCOF	SALIN	TEMP	SIGT
3.0	1847	10.0			0.53	2.7					0.52	39		0.18	20.59	0.00
3.0	1847	11.0	3.2	0.61	0.53	2.7					0.52	39		0.19	20.59	0.00
4.0	1811	1.0			0.49	2.4					0.44	33	3.5	0.51	20.67	0.00
4.0	1811	2.0			0.48	2.3					0.47	35		0.53	20.67	0.00
4.0	1811	3.0			0.49	2.4					0.46	35		0.52	20.67	0.00
4.0	1811	4.0			0.49	2.4					0.45	34		0.52	20.67	0.00
4.0	1811	5.0			0.50	2.4					0.46	35		0.53	20.66	0.00
4.0	1811	6.0			0.50	2.5					0.47	35		0.53	20.66	0.00
4.0	1811	7.0			0.50	2.5					0.47	35		0.53	20.66	0.00
4.0	1811	8.0			0.50	2.5					0.47	35		0.53	20.66	0.00
4.0	1811	9.0			0.50	2.5					0.47	35		0.54	20.65	0.00
4.0	1811	10.0			0.51	2.5					0.48	36		0.57	20.65	0.00
4.0	1811	11.0			0.51	2.5					0.50	37		0.58	20.65	0.00
4.0	1811	12.0			0.51	2.5					0.49	37		0.57	20.65	0.00
4.0	1811	13.0			0.51	2.5					0.50	37		0.59	20.64	0.00
4.0	1811	14.0			0.51	2.5					0.51	38		0.59	20.64	0.00
4.0	1811	15.0			0.51	2.6					0.52	39		0.59	20.64	0.00
4.0	1811	16.0			0.52	2.6					0.53	39		0.59	20.64	0.00
4.0	1811	17.0			0.52	2.6					0.52	39		0.59	20.64	0.00
5.0	1749	1.0			0.47	2.2		9.9	8.9	100	0.42	32	2.7	1.02	20.74	0.00
5.0	1749	2.0			0.46	2.2		9.7	8.7	98	0.43	32		1.07	20.70	0.00
5.0	1749	3.0			0.44	2.0		9.6	8.6	97	0.41	31		1.38	20.53	0.00
5.0	1749	4.0			0.43	1.9		9.5	8.5	96	0.41	32		1.70	20.45	0.00
5.0	1749	5.0			0.42	1.9		9.5	8.5	96	0.45	34		1.92	20.39	0.00
5.0	1749	6.0			0.42	1.9		9.4	8.5	96	0.46	35		1.99	20.37	0.00
5.0	1749	7.0			0.43	1.9		9.4	8.5	95	0.50	38		2.06	20.35	0.00
5.0	1749	8.0			0.44	2.0		9.4	8.5	95	0.58	43		2.13	20.33	0.00
5.0	1749	9.0			0.44	2.0		9.3	8.4	95	0.61	45		2.16	20.31	0.00
5.0	1749	10.0			0.45	2.1		9.3	8.4	94	0.68	49		2.23	20.30	0.00
5.0	1749	11.0			0.49	2.3		9.3	8.4	94	0.90	65		2.44	20.25	0.01
5.0	1749	12.0			0.49	2.4		9.3	8.4	95	1.30	92		2.64	20.20	0.18
6.0	1727	1.0			0.41	1.8		9.9	8.9	100	0.36	28	2.4	2.56	20.58	0.04
6.0	1727	2.0	2.0	0.70	0.41	1.8	8.6	9.7	8.7	99	0.31	24		2.62	20.57	0.08
6.0	1727	3.0			0.40	1.7		9.5	8.5	96	0.34	26		2.97	20.46	0.37
6.0	1727	4.0			0.41	1.8		9.4	8.5	96	0.51	38		3.88	20.17	1.12
6.0	1727	5.0			0.41	1.8		9.4	8.4	96	0.82	59		3.99	20.14	1.21
6.0	1727	6.0			0.43	1.9		9.3	8.4	95	0.86	62		4.03	20.13	1.25
6.0	1727	7.0			0.43	2.0		9.3	8.4	95	1.00	72		4.10	20.13	1.30
6.0	1727	8.0	1.9	0.41	0.43	1.9		9.3	8.4	95	1.08	77		4.20	20.12	1.37

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
7.0	1656	1.0			0.39	1.6		9.3	8.4	98		0.44	33	2.2	6.88	20.45	3.33
7.0	1656	2.0			0.38	1.5		9.1	8.2	96		0.43	33		6.94	20.43	3.38
7.0	1656	3.0			0.36	1.5		8.8	8.0	92		0.45	34		7.51	20.19	3.87
7.0	1656	4.0			0.35	1.4		8.7	7.9	92		0.41	31		8.52	19.83	4.71
7.0	1656	5.0			0.34	1.3		8.7	7.9	92		0.40	30		9.14	19.81	5.18
7.0	1656	6.0			0.34	1.3		8.7	7.9	91		0.44	33		9.25	19.82	5.26
7.0	1656	7.0			0.35	1.3		8.6	7.8	91		0.48	36		9.32	19.82	5.32
7.0	1656	8.0			0.36	1.4		8.6	7.8	91		0.57	42		9.51	19.82	5.46
7.0	1656	9.0			0.37	1.5		8.5	7.7	90		0.64	47		9.91	19.78	5.78
7.0	1656	10.0			0.39	1.6		8.4	7.7	89		1.04	74		10.32	19.69	6.10
7.0	1656	11.0			0.40	1.7		8.4	7.6	89		1.28	91		10.53	19.64	6.27
7.0	1656	12.0			0.40	1.7		8.4	7.6	89		1.40	99		10.63	19.63	6.35
7.0	1656	13.0			0.40	1.7		8.4	7.6	89		1.36	96		10.56	19.64	6.30
7.0	1656	14.0			0.40	1.7		8.4	7.7	89		1.35	96		10.57	19.63	6.31
8.0	1526	1.0			0.38	1.6		9.1	8.2	96		0.36	28	2.4	10.65	20.10	6.26
8.0	1526	2.0			0.37	1.5		8.8	8.0	94		0.36	28		11.32	19.94	6.81
8.0	1526	3.0			0.36	1.4		8.6	7.8	92		0.34	26		12.87	19.69	8.03
8.0	1526	4.0			0.35	1.4		8.5	7.7	91		0.32	25		13.89	19.45	8.86
8.0	1526	5.0			0.35	1.3		8.4	7.6	91		0.31	24		14.57	19.32	9.40
8.0	1526	6.0			0.35	1.4		8.4	7.6	91		0.30	24		15.15	19.20	9.87
8.0	1526	7.0			0.35	1.4		8.4	7.7	91		0.31	24		15.39	19.17	10.06
8.0	1526	8.0			0.35	1.4		8.5	7.7	92		0.30	24		15.46	19.19	10.11
8.0	1526	9.0			0.36	1.4		8.5	7.7	92		0.31	24		15.54	19.20	10.17
8.0	1526	10.0			0.36	1.4		8.5	7.7	92		0.31	25		15.68	19.19	10.28
8.0	1526	11.0			0.36	1.4		8.5	7.7	92		0.33	26		15.75	19.17	10.33
8.0	1526	12.0			0.36	1.4		8.5	7.7	91		0.35	27		15.80	19.16	10.38
8.0	1526	13.0			0.36	1.5		8.5	7.7	92		0.38	29		15.94	19.13	10.48
8.0	1526	14.0			0.36	1.5		8.5	7.7	92		0.43	32		15.98	19.12	10.52
8.0	1526	15.0			0.36	1.4		8.5	7.7	92		0.48	36		15.98	19.12	10.52
8.0	1526	16.0			0.36	1.4		8.5	7.7	92		0.51	38		15.98	19.12	10.52
9.0	1505	1.0			0.39	1.7		8.6	7.8	93		0.32	25	2.1	11.73	20.24	7.06
9.0	1505	2.0			0.38	1.6	7.9	8.6	7.8	93		0.30	23		14.13	19.61	9.01
9.0	1505	3.0			0.37	1.5		8.5	7.7	92		0.29	23		15.03	19.42	9.73
9.0	1505	4.0			0.37	1.5		8.5	7.7	92		0.29	23		15.62	19.29	10.21
9.0	1505	5.0			0.37	1.5		8.5	7.7	92		0.38	29		16.08	19.18	10.58
9.0	1505	6.0			0.37	1.5		8.5	7.7	92		0.41	31		16.15	19.17	10.63
9.0	1505	7.0			0.38	1.6		8.5	7.7	92		0.41	31		16.17	19.16	10.66
9.0	1505	8.0			0.38	1.6		8.5	7.7	92		0.41	31		16.29	19.14	10.75
9.0	1505	9.0			0.39	1.6		8.5	7.7	92		0.44	33		16.42	19.13	10.85
9.0	1505	10.0			0.40	1.7		8.5	7.7	92		0.49	37		16.49	19.13	10.91
9.0	1505	11.0			0.40	1.7		8.5	7.7	92		0.56	41		16.63	19.13	11.01

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1505	12.0			0.40	1.7		8.5	7.7	92		0.56	42		16.73	19.13	11.09
9.0	1505	13.0			0.40	1.7		8.5	7.7	92		0.55	41		16.81	19.11	11.15
9.0	1505	14.0			0.39	1.6		8.5	7.7	92		0.46	35		16.87	19.09	11.20
9.0	1505	15.0			0.39	1.6		8.5	7.7	92		0.43	33		16.88	19.09	11.21
9.0	1505	16.0			0.38	1.6		8.5	7.7	92		0.43	33		16.89	19.09	11.22
9.0	1505	17.0			0.38	1.5		8.4	7.7	92		0.43	32		16.96	19.07	11.28
9.0	1505	18.0			0.38	1.5		8.4	7.6	92		0.51	38		17.13	19.03	11.41
9.0	1505	19.0			0.38	1.6		8.4	7.7	92		0.64	47		17.18	19.03	11.45
9.0	1505	20.0			0.38	1.6		8.4	7.6	92		0.65	48		17.18	19.03	11.45
9.0	1505	21.0			0.38	1.6		8.4	7.6	92		0.66	48		17.20	19.02	11.47
9.0	1505	22.0			0.38	1.6		8.4	7.6	92		0.70	51		17.23	19.02	11.49
9.0	1505	23.0			0.38	1.6		8.4	7.6	92		0.74	54		17.27	19.01	11.52
9.0	1505	24.0			0.38	1.6		8.4	7.6	92		0.83	60		17.31	19.01	11.55
9.0	1505	25.0			0.38	1.6		8.4	7.7	92		0.91	66		17.33	19.01	11.57
10.0	1451	1.0			0.48	2.3		8.6	7.8	94		0.31	24	2.1	16.35	19.72	10.67
10.0	1451	2.0			0.46	2.2		8.5	7.8	94		0.28	22		16.60	19.53	10.90
10.0	1451	3.0			0.44	2.0		8.5	7.7	93		0.26	21		16.84	19.39	11.11
10.0	1451	4.0			0.42	1.8		8.4	7.6	92		0.26	21		16.94	19.30	11.21
10.0	1451	5.0			0.39	1.7		8.3	7.6	91		0.29	23		17.31	19.07	11.54
10.0	1451	6.0			0.38	1.6		8.3	7.6	91		0.32	25		17.64	18.99	11.81
10.0	1451	7.0			0.38	1.5		8.3	7.6	91		0.35	27		17.76	18.97	11.90
10.0	1451	8.0			0.37	1.5		8.3	7.6	91		0.40	31		17.83	18.96	11.96
10.0	1451	9.0			0.38	1.5		8.3	7.6	91		0.44	33		17.85	18.96	11.97
10.0	1451	10.0			0.38	1.5		8.3	7.6	91		0.44	34		17.89	18.94	12.00
10.0	1451	11.0			0.37	1.5		8.3	7.5	90		0.43	33		18.04	18.92	12.13
10.0	1451	12.0			0.37	1.5		8.2	7.5	90		0.43	33		18.49	18.85	12.49
10.0	1451	13.0			0.37	1.5		8.2	7.5	90		0.46	35		18.79	18.81	12.72
10.0	1451	14.0			0.38	1.6		8.2	7.5	90		0.72	53		19.08	18.78	12.95
10.0	1451	15.0			0.40	1.7		8.2	7.5	90		1.09	78		19.12	18.77	12.98
10.0	1451	16.0			0.41	1.8		8.2	7.5	90		1.32	94		19.16	18.77	13.01
10.0	1451	17.0			0.41	1.8		8.2	7.5	90		1.55	109		19.13	18.77	12.99
11.0	1430	1.0			0.65	3.6		8.7	7.9	96		0.28	23	2.0	16.70	19.75	10.92
11.0	1430	2.0			0.65	3.5		8.7	7.9	96		0.25	20		17.53	19.50	11.61
11.0	1430	3.0			0.64	3.5		8.7	7.9	96		0.20	17		17.99	19.39	11.98
11.0	1430	4.0			0.61	3.3		8.6	7.8	95		0.17	15		18.23	19.26	12.19
11.0	1430	5.0			0.55	2.9		8.5	7.7	94		0.16	14		18.41	19.12	12.36
11.0	1430	6.0			0.50	2.4		8.4	7.6	92		0.17	15		18.54	19.04	12.48
11.0	1430	7.0			0.45	2.1		8.3	7.6	91		0.19	16		19.12	18.84	12.96
11.0	1430	8.0			0.42	1.9		8.1	7.4	90		0.23	19		19.79	18.76	13.49
11.0	1430	9.0			0.38	1.6		8.0	7.3	89		0.23	19		20.82	18.53	14.32
11.0	1430	10.0			0.36	1.4		8.0	7.3	88		0.20	17		21.64	18.34	14.99

STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	FLUOR	CALC		DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	OXYG			CHL a	OXYG												
11.0	1430	11.0			0.35	1.3	8.0	7.3	88			0.17	15	21.78	18.31	15.11				
11.0	1430	12.0			0.35	1.3	8.0	7.3	88			0.16	14	21.82	18.30	15.14				
11.0	1430	13.0			0.34	1.3	8.0	7.3	88			0.18	15	21.83	18.30	15.15				
11.0	1430	14.0			0.34	1.3	8.0	7.3	88			0.18	16	21.87	18.29	15.18				
11.0	1430	15.0			0.35	1.3	8.0	7.3	88			0.19	16	22.01	18.26	15.29				
11.0	1430	16.0			0.34	1.3	8.0	7.3	89			0.20	17	22.16	18.23	15.42				
11.0	1430	17.0			0.34	1.3	8.0	7.3	89			0.22	18	22.19	18.22	15.44				
12.5	1326	1.0			0.56	2.9	8.8	7.9	97			0.09	9	18.74	19.33	12.57				
12.5	1326	2.0			0.57	3.0	8.5	7.7	93			0.07	8	19.31	19.05	13.06				
12.5	1326	3.0			0.51	2.5	8.3	7.5	91			0.07	8	20.89	18.54	14.38				
12.5	1326	4.0			0.41	1.8	7.9	7.2	88			0.06	7	21.70	18.31	15.05				
12.5	1326	5.0			0.36	1.4	7.7	7.1	86			0.07	8	22.66	18.11	15.83				
12.5	1326	6.0			0.33	1.2	7.8	7.1	87			0.10	10	23.38	17.93	16.41				
12.5	1326	7.0			0.33	1.2	7.9	7.2	88			0.19	16	23.72	17.89	16.69				
13.0	1305	1.0			0.48	2.3	7.8	7.2	88			0.02	4	21.85	18.91	15.02				
13.0	1305	2.0	1.7	0.76	0.45	2.1	7.8	7.1	87	7.2		0.02	4	23.14	18.10	16.19				
13.0	1305	3.0			0.41	1.8	7.8	7.1	87			0.01	4	23.91	17.78	16.85				
13.0	1305	4.0			0.38	1.6	7.8	7.1	86			0.03	5	24.18	17.71	17.07				
13.0	1305	5.0			0.37	1.5	7.7	7.1	86			0.03	5	24.23	17.70	17.11				
13.0	1305	6.0			0.36	1.4	7.7	7.1	86			0.03	5	24.31	17.67	17.18				
13.0	1305	7.0			0.34	1.3	7.7	7.1	86			0.03	5	24.41	17.65	17.26				
13.0	1305	8.0			0.33	1.2	7.7	7.1	86			0.03	5	24.52	17.62	17.35				
13.0	1305	9.0			0.33	1.2	7.7	7.1	86			0.04	6	24.57	17.60	17.40				
13.0	1305	10.0	0.6	0.48	0.33	1.2	7.8	7.1	86			0.04	6	24.64	17.57	17.46				
14.0	1250	1.0			0.51	2.5	7.9	7.3	89			0.01	4	22.85	18.32	15.92				
14.0	1250	2.0			0.50	2.4	8.0	7.3	89			0.01	4	23.28	17.99	16.32				
14.0	1250	3.0			0.45	2.1	7.8	7.1	87			0.01	4	23.40	17.92	16.43				
14.0	1250	4.0			0.40	1.7	7.7	7.0	85			0.02	5	24.47	17.58	17.33				
14.0	1250	5.0			0.37	1.5	7.6	7.0	85			0.03	5	24.99	17.44	17.75				
14.0	1250	6.0			0.36	1.4	7.6	7.0	85			0.03	6	25.03	17.43	17.78				
14.0	1250	7.0			0.35	1.4	7.6	7.0	85			0.03	6	25.10	17.41	17.84				
14.0	1250	8.0			0.34	1.3	7.6	7.0	85			0.04	6	25.24	17.37	17.95				
14.0	1250	9.0			0.34	1.3	7.6	7.0	85			0.04	6	25.42	17.31	18.11				
14.0	1250	10.0			0.33	1.2	7.6	6.9	84			0.05	7	25.51	17.29	18.18				
14.0	1250	11.0			0.33	1.2	7.6	6.9	84			0.06	7	25.58	17.27	18.24				
14.0	1250	12.0			0.33	1.2	7.6	6.9	85			0.05	7	25.64	17.25	18.29				
14.0	1250	13.0			0.33	1.2	7.6	7.0	85			0.06	7	25.70	17.24	18.34				
14.0	1250	14.0			0.33	1.2	7.6	6.9	85			0.06	7	25.70	17.24	18.34				
14.0	1250	15.0			0.32	1.2	7.6	7.0	85			0.06	7	25.70	17.24	18.34				

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
15.0	1230	1.0			0.59	3.1		8.0	7.3	90		0.01	4	0.7	21.55	18.86	14.81
15.0	1230	2.0	2.7	0.82	0.64	3.5	7.5	8.1	7.3	90	4.7	0.01	4		22.96	18.15	16.05
15.0	1230	3.0			0.64	3.5		8.1	7.3	89		0.01	4		23.76	17.76	16.74
15.0	1230	4.0			0.57	3.0		8.0	7.3	88		0.01	4		24.21	17.62	17.12
15.0	1230	5.0			0.48	2.3		7.7	7.0	86		0.01	4		24.63	17.50	17.47
15.0	1230	6.0			0.41	1.8		7.5	6.9	84		0.02	4		25.70	17.18	18.35
15.0	1230	7.0			0.37	1.5		7.5	6.9	84		0.02	4		26.75	16.90	19.22
15.0	1230	8.0			0.36	1.4		7.6	6.9	84		0.02	5		26.82	16.88	19.28
15.0	1230	9.0			0.36	1.4		7.6	6.9	85		0.03	5		26.93	16.84	19.36
15.0	1230	10.0			0.36	1.4		7.6	6.9	84		0.03	5		26.99	16.83	19.42
15.0	1230	11.0			0.35	1.4		7.5	6.9	84		0.03	5		27.10	16.78	19.51
15.0	1230	12.0			0.35	1.3		7.5	6.9	84		0.03	5		27.39	16.69	19.76
15.0	1230	13.0			0.34	1.3		7.6	6.9	84		0.03	5		27.55	16.64	19.89
15.0	1230	14.0			0.34	1.3		7.6	6.9	85		0.03	5		27.61	16.62	19.94
15.0	1230	15.0			0.34	1.3		7.6	7.0	85		0.03	6		27.65	16.61	19.97
15.0	1230	16.0			0.35	1.3		7.6	7.0	85		0.04	6		27.68	16.61	19.99
15.0	1230	17.0			0.35	1.3		7.6	7.0	85		0.04	6		27.69	16.60	20.00
15.0	1230	18.0			0.35	1.3		7.6	7.0	85		0.04	6		27.69	16.60	20.01
15.0	1230	19.0			0.35	1.3		7.6	7.0	85		0.05	6		27.70	16.60	20.01
15.0	1230	20.0			0.36	1.4		7.6	7.0	85		0.05	6		27.72	16.59	20.02
15.0	1230	21.0			0.36	1.4		7.6	7.0	85		0.05	6		27.72	16.59	20.03
15.0	1230	22.0			0.35	1.4		7.6	7.0	85		0.05	7		27.72	16.59	20.03
15.0	1230	23.0			0.36	1.4		7.6	7.0	85		0.04	6		27.72	16.59	20.03
15.0	1230	24.0	1.1	0.42	0.36	1.4		7.6	7.0	85		0.04	6		27.72	16.60	20.02
16.0	1205	1.0			0.36	1.4		7.3	6.7	82		0.00	3	0.6	28.09	16.43	20.35
16.0	1205	2.0			0.35	1.3		7.3	6.7	81		0.00	3		28.95	15.98	21.10
16.0	1205	3.0			0.35	1.3		7.3	6.7	81		0.00	3		29.29	15.83	21.40
16.0	1205	4.0			0.35	1.4		7.3	6.7	81		0.00	3		29.45	15.76	21.53
16.0	1205	5.0			0.35	1.3		7.3	6.7	81		0.00	3		29.51	15.73	21.59
16.0	1205	6.0			0.34	1.3		7.3	6.7	81		0.01	4		29.51	15.73	21.59
16.0	1205	7.0			0.34	1.3		7.3	6.7	81		0.01	4		29.54	15.72	21.61
16.0	1205	8.0			0.34	1.3		7.3	6.7	81		0.02	4		29.58	15.69	21.65
16.0	1205	9.0			0.34	1.3		7.3	6.7	81		0.02	4		29.58	15.69	21.65
16.0	1205	10.0			0.34	1.3		7.3	6.7	81		0.02	4		29.59	15.69	21.66
16.0	1205	11.0			0.34	1.3		7.3	6.7	81		0.02	5		29.59	15.68	21.66
16.0	1205	12.0			0.34	1.3		7.3	6.7	81		0.02	5		29.59	15.68	21.66
16.0	1205	13.0			0.34	1.3		7.3	6.7	81		0.02	5		29.59	15.68	21.66
16.0	1205	14.0			0.33	1.2		7.3	6.7	81		0.02	5		29.59	15.68	21.66
16.0	1205	15.0			0.33	1.2		7.3	6.7	81		0.03	5		29.59	15.68	21.66
17.0	1146	1.0			0.43	1.9		7.3	6.7	82		0.00	3	0.5	26.97	16.97	19.37
17.0	1146	2.0			0.41	1.8		7.2	6.7	81		0.00	3		28.84	16.02	21.01

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
17.0	1146	3.0			0.39	1.6		7.2	6.6	80		0.00	3		29.58	15.59	21.67
17.0	1146	4.0			0.38	1.5		7.1	6.6	79		0.00	3		29.93	15.40	21.98
17.0	1146	5.0			0.37	1.5		7.2	6.6	79		0.00	3		30.27	15.21	22.28
17.0	1146	6.0			0.36	1.4		7.2	6.6	80		0.00	3		30.42	15.11	22.42
17.0	1146	7.0			0.36	1.4		7.2	6.7	80		0.00	3		30.48	15.09	22.47
17.0	1146	8.0			0.37	1.5		7.3	6.7	80		0.01	4		30.49	15.08	22.48
17.0	1146	9.0			0.37	1.5		7.3	6.7	80		0.01	4		30.48	15.08	22.48
17.0	1146	10.0			0.37	1.5		7.3	6.7	81		0.02	5		30.50	15.08	22.49
17.0	1146	11.0			0.37	1.5		7.3	6.7	81		0.04	6		30.51	15.07	22.50
17.0	1146	12.0			0.37	1.5		7.3	6.7	81		0.04	6		30.51	15.07	22.50
17.0	1146	13.0			0.37	1.5		7.3	6.7	81		0.05	7		30.50	15.07	22.49
17.0	1146	14.0			0.36	1.5		7.3	6.7	81		0.04	6		30.50	15.08	22.49
18.0	1126	1.0			0.39	1.7		7.4	6.8	82		0.00	3		30.83	14.88	22.78
18.0	1126	2.0	1.7	0.54	0.39	1.6	6.6	7.4	6.8	82	2.6	0.00	3		30.83	14.88	22.78
18.0	1126	3.0			0.39	1.6		7.4	6.8	81		0.00	3		30.82	14.88	22.78
18.0	1126	4.0			0.39	1.6		7.4	6.8	81		0.00	3		30.82	14.87	22.78
18.0	1126	5.0			0.39	1.6		7.4	6.8	81		0.00	3		30.82	14.88	22.78
18.0	1126	6.0			0.38	1.6		7.3	6.8	81		0.00	3		30.85	14.85	22.81
18.0	1126	7.0			0.38	1.6		7.3	6.8	81		0.00	3		30.91	14.82	22.86
18.0	1126	8.0			0.39	1.6		7.3	6.8	81		0.00	3		30.92	14.82	22.87
18.0	1126	9.0			0.39	1.7		7.3	6.8	81		0.00	3		30.94	14.80	22.89
18.0	1126	10.0			0.39	1.7		7.3	6.8	81		0.00	3		30.95	14.80	22.90
18.0	1126	11.0			0.38	1.6		7.4	6.8	81		0.00	3		30.95	14.80	22.90
18.0	1126	12.0			0.38	1.6		7.4	6.8	81		0.00	3		30.95	14.80	22.90
18.0	1126	13.0			0.38	1.6		7.4	6.8	81		0.00	3		30.95	14.80	22.90
18.0	1126	14.0			0.38	1.6		7.4	6.8	81		0.00	3		30.95	14.80	22.90
18.0	1126	15.0			0.38	1.6		7.4	6.8	81		0.00	3		30.95	14.80	22.90
18.0	1126	16.0			0.38	1.6		7.4	6.8	81		0.00	3		30.95	14.80	22.90
18.0	1126	17.0			0.39	1.7		7.4	6.8	81		0.00	3		30.98	14.79	22.92
18.0	1126	18.0			0.40	1.7		7.4	6.8	81		0.00	3		31.01	14.78	22.94
18.0	1126	19.0			0.39	1.7		7.4	6.8	81		0.00	3		31.02	14.78	22.95
18.0	1126	20.0			0.40	1.7		7.4	6.8	81		0.00	3		31.04	14.77	22.97
18.0	1126	21.0			0.41	1.8		7.4	6.8	82		0.00	3		31.10	14.75	23.02
18.0	1126	22.0			0.42	1.8		7.4	6.8	82		0.00	3		31.12	14.74	23.04
18.0	1126	23.0			0.42	1.9		7.4	6.8	82		0.00	3		31.14	14.73	23.05
18.0	1126	24.0			0.45	2.1		7.4	6.8	82		0.00	3		31.17	14.72	23.08
18.0	1126	25.0			0.46	2.2		7.4	6.8	82		0.00	3		31.21	14.70	23.11
18.0	1126	26.0			0.44	2.0		7.4	6.8	82		0.00	3		31.20	14.70	23.11
18.0	1126	27.0			0.44	2.0		7.5	6.8	82		0.00	3		31.21	14.70	23.12
18.0	1126	28.0			0.44	2.0		7.5	6.9	82		0.00	3		31.22	14.70	23.12
18.0	1126	29.0			0.44	2.0		7.5	6.8	82		0.00	3		31.22	14.70	23.12
18.0	1126	30.0			0.45	2.1		7.5	6.9	82		0.00	3		31.22	14.69	23.13

North San Francisco Bay 21 September 1995 95264

STN	TIME	DEPTH	DISCR CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1126	31.0		0.46	2.1	7.5	6.9	82		0.02	4		31.26	14.68	23.16
18.0	1126	32.0		0.46	2.1	7.5	6.9	82		0.02	5		31.26	14.68	23.16
18.0	1126	33.0		0.46	2.1	7.5	6.8	82		0.03	5		31.26	14.68	23.16
.....											n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:											11	0.646	7.372	-1.232	0.514
OBS Calibration:											7	0.797	68.370	3.187	7.173
Dissolved Oxygen Calibration:											5	0.961	0.833	0.640	0.172

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1221	1.0			0.72	6.0		7.4	7.3	89		1.33	95	6.8	25.20	17.84	17.82
36.0	1221	2.0	4.2	0.42	0.73	6.2	7.2	7.4	7.3	89	95.5	1.32	94		25.35	17.82	17.94
36.0	1221	3.0			0.75	6.4		7.4	7.3	89		1.44	102		25.47	17.84	18.02
36.0	1221	4.0			0.76	6.5		7.4	7.3	89		1.61	114		25.44	17.83	18.01
36.0	1221	5.0			0.76	6.6		7.4	7.3	89		1.65	117		25.46	17.84	18.02
36.0	1221	6.0	4.0	0.31	0.77	6.6		7.4	7.2	89		1.75	124		25.53	17.87	18.07
34.0	1203	1.0			0.66	5.2		7.5	7.3	91		0.86	62	5.0	25.90	17.99	18.32
34.0	1203	2.0			0.66	5.2		7.5	7.4	91		0.84	61		25.88	17.99	18.31
34.0	1203	3.0			0.67	5.3		7.5	7.4	91		0.83	60		25.90	17.99	18.32
34.0	1203	4.0			0.66	5.2		7.5	7.4	91		0.83	60		26.01	18.03	18.40
34.0	1203	5.0			0.67	5.3		7.5	7.4	91		0.88	64		26.06	18.05	18.43
34.0	1203	6.0			0.67	5.4		7.5	7.3	91		0.95	69		26.09	18.06	18.45
34.0	1203	7.0			0.67	5.4		7.5	7.3	91		1.01	73		26.11	18.06	18.46
34.0	1203	8.0			0.69	5.6		7.5	7.3	91		1.12	80		26.12	18.07	18.47
34.0	1203	9.0			0.70	5.7		7.5	7.3	91		1.22	88		26.13	18.07	18.48
34.0	1203	10.0			0.69	5.6		7.5	7.3	91		1.50	107		26.12	18.06	18.48
32.0	1146	1.0			0.55	3.8		7.5	7.3	91		0.56	41	3.0	26.51	18.14	18.75
32.0	1146	2.0	3.0	0.44	0.56	3.8		7.4	7.3	91	46.7	0.64	47		26.54	18.12	18.77
32.0	1146	3.0			0.56	3.9		7.4	7.3	91		0.87	63		26.60	18.11	18.83
32.0	1146	4.0			0.56	3.9		7.4	7.3	91		0.95	69		26.60	18.11	18.83
32.0	1146	5.0			0.57	4.1		7.4	7.3	90		0.94	68		26.60	18.11	18.83
32.0	1146	6.0			0.59	4.2		7.4	7.3	91		0.94	68		26.60	18.11	18.83
32.0	1146	7.0			0.58	4.2		7.4	7.3	91		0.95	69		26.61	18.11	18.83
32.0	1146	8.0			0.57	4.0		7.4	7.3	91		0.96	69		26.61	18.11	18.83
32.0	1146	9.0			0.57	4.0		7.4	7.3	91		0.94	68		26.60	18.11	18.83
32.0	1146	10.0			0.57	4.1		7.4	7.3	91		0.99	71		26.60	18.11	18.83
32.0	1146	11.0			0.58	4.2		7.4	7.3	91		0.97	70		26.60	18.11	18.83
32.0	1146	12.0			0.58	4.2		7.4	7.3	91		0.97	70		26.60	18.12	18.83
32.0	1146	13.0			0.59	4.3		7.4	7.3	91		1.01	73		26.60	18.12	18.82
32.0	1146	14.0	2.8	0.29	0.59	4.3		7.4	7.3	91		1.01	72		26.60	18.12	18.83
30.0	1123	1.0			0.47	2.6		7.4	7.3	90		0.44	33	2.7	26.96	18.03	19.12
30.0	1123	2.0	2.6	0.44	0.48	2.9	7.3	7.4	7.3	90	44.4	0.57	42		26.95	18.00	19.12
30.0	1123	3.0			0.47	2.7		7.4	7.3	90		0.65	47		26.95	18.00	19.12
30.0	1123	4.0			0.48	2.8		7.4	7.3	90		0.75	54		26.95	17.99	19.13
30.0	1123	5.0			0.49	3.0		7.4	7.3	90		0.86	62		26.96	17.97	19.13
30.0	1123	6.0			0.51	3.2		7.4	7.3	90		0.99	71		26.97	17.95	19.14
30.0	1123	7.0			0.52	3.4		7.4	7.3	91		1.26	90		26.97	17.93	19.15
30.0	1123	8.0			0.53	3.5		7.4	7.3	90		1.22	88		26.97	17.93	19.15
30.0	1123	9.0			0.54	3.6		7.4	7.3	91		1.34	96		26.98	17.90	19.17
30.0	1123	10.0			0.54	3.6		7.5	7.3	91		1.47	105		26.99	17.88	19.18

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
30.0	1123	11.0			0.54	3.6		7.5	7.3	91	1.50	107		26.99	17.88	19.18
30.0	1123	12.0			0.55	3.7		7.5	7.3	91	1.56	111		26.99	17.87	19.18
30.0	1123	13.0			0.54	3.7		7.5	7.3	91	1.59	113		26.99	17.87	19.18
30.0	1123	14.0	3.3	0.26	0.54	3.6		7.5	7.3	91	1.63	116		26.99	17.86	19.18
29.0	1102	1.0			0.46	2.5		7.6	7.5	92	0.32	24	1.9	27.15	17.70	19.34
29.0	1102	2.0			0.44	2.3		7.6	7.4	92	0.35	27		27.15	17.70	19.34
29.0	1102	3.0			0.44	2.3		7.6	7.4	92	0.37	28		27.15	17.68	19.35
29.0	1102	4.0			0.46	2.6		7.6	7.4	92	0.38	29		27.15	17.67	19.35
29.0	1102	5.0			0.45	2.5		7.6	7.5	92	0.38	28		27.16	17.66	19.36
29.0	1102	6.0			0.46	2.5		7.6	7.4	92	0.38	29		27.15	17.67	19.35
29.0	1102	7.0			0.48	2.8		7.6	7.5	92	0.39	29		27.16	17.64	19.36
29.0	1102	8.0			0.48	2.8		7.6	7.4	92	0.42	31		27.17	17.62	19.37
29.0	1102	9.0			0.49	2.9		7.6	7.5	92	0.47	35		27.17	17.61	19.38
29.0	1102	10.0			0.50	3.1		7.6	7.5	92	0.46	34		27.17	17.62	19.37
29.0	1102	11.0			0.50	3.0		7.6	7.5	92	0.44	33		27.16	17.62	19.37
29.0	1102	12.0			0.48	2.9		7.6	7.5	92	0.44	33		27.17	17.62	19.37
29.0	1102	13.0			0.49	3.0		7.6	7.5	92	0.46	34		27.17	17.61	19.37
29.0	1102	14.0			0.50	3.0		7.6	7.5	92	0.52	38		27.17	17.61	19.38
29.0	1102	15.0			0.49	2.9		7.6	7.5	92	0.56	41		27.17	17.60	19.38
27.0	1042	1.0			0.77	6.6		8.2	8.2	101	0.43	32	2.3	27.29	17.56	19.48
27.0	1042	2.0	8.8	0.68	0.74	6.3	8.1	8.2	8.2	101	0.44	33		27.29	17.56	19.48
27.0	1042	3.0			0.75	6.3		8.2	8.2	101	21.6	33		27.29	17.56	19.48
27.0	1042	4.0			0.75	6.4		8.2	8.2	101	0.43	32		27.29	17.55	19.48
27.0	1042	5.0			0.76	6.5		8.2	8.2	101	0.44	33		27.30	17.54	19.49
27.0	1042	6.0			0.75	6.4		8.2	8.1	101	0.46	34		27.30	17.54	19.49
27.0	1042	7.0			0.72	6.0		8.2	8.1	101	0.48	35		27.30	17.53	19.49
27.0	1042	8.0			0.70	5.7		8.2	8.1	101	0.50	37		27.30	17.53	19.49
27.0	1042	9.0			0.69	5.7		8.2	8.1	101	0.49	36		27.30	17.53	19.50
27.0	1042	10.0			0.72	6.0		8.2	8.1	101	0.50	37		27.30	17.52	19.50
27.0	1042	11.0			0.71	5.9		8.2	8.1	101	0.51	38		27.30	17.52	19.50
27.0	1042	12.0			0.71	5.8		8.2	8.1	101	0.56	41		27.30	17.52	19.50
27.0	1042	13.0	8.8	0.62	0.73	6.1		8.2	8.1	101	0.56	41		27.30	17.53	19.50
25.0	1018	1.0			0.63	4.8		8.2	8.1	100	0.34	26	1.9	27.36	17.32	19.59
25.0	1018	2.0			0.63	4.8		8.2	8.1	100	0.33	25		27.36	17.32	19.59
25.0	1018	3.0			0.65	5.1		8.2	8.1	100	0.34	25		27.36	17.32	19.59
25.0	1018	4.0			0.71	5.9		8.2	8.1	100	0.34	26		27.36	17.31	19.59
25.0	1018	5.0			0.74	6.2		8.2	8.1	100	0.34	26		27.36	17.32	19.59
25.0	1018	6.0			0.74	6.3		8.2	8.1	100	0.34	26		27.36	17.32	19.59
25.0	1018	7.0			0.73	6.1		8.2	8.1	100	0.35	27		27.36	17.32	19.59
25.0	1018	8.0			0.72	5.9		8.2	8.1	100	0.35	27		27.36	17.31	19.59

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	EXCOF	SALIN	TEMP	SIGT
25.0	1018	9.0			0.72	6.0		8.2	8.1	100		0.34		27.36	17.31	19.59
24.0	1005	1.0			0.52	3.4		7.8	7.7	94		0.23	1.5	27.86	16.46	20.17
24.0	1005	2.0	5.0	0.64	0.52	3.3	7.7	7.8	7.7	94	22.7	0.23		27.86	16.46	20.17
24.0	1005	3.0			0.49	2.9		7.8	7.7	94		0.22		27.86	16.46	20.17
24.0	1005	4.0			0.50	3.1		7.8	7.7	94		0.21		27.86	16.46	20.17
24.0	1005	5.0			0.51	3.2		7.9	7.7	94		0.21		27.86	16.46	20.17
24.0	1005	6.0			0.50	3.1		7.8	7.7	94		0.21		27.86	16.45	20.17
24.0	1005	7.0			0.52	3.4		7.8	7.7	94		0.24		27.86	16.45	20.17
24.0	1005	8.0			0.54	3.6		7.8	7.7	94		0.26		27.86	16.45	20.17
24.0	1005	9.0			0.54	3.6		7.8	7.7	94		0.28		27.86	16.45	20.17
24.0	1005	10.0	5.3	0.59	0.54	3.6	7.7	7.8	7.7	94	22.7	0.28		27.86	16.45	20.17
22.0	0938	1.0			0.48	2.8		7.9	7.8	94		0.02	0.8	28.04	16.14	20.37
22.0	0938	2.0			0.50	3.0		7.9	7.8	94		0.01		28.04	16.14	20.37
22.0	0938	3.0			0.50	3.1		7.9	7.8	94		0.02		28.04	16.15	20.37
22.0	0938	4.0			0.50	3.0		7.8	7.7	93		0.01		28.04	16.15	20.37
22.0	0938	5.0			0.49	3.0		7.7	7.6	92		0.02		28.08	16.09	20.41
22.0	0938	6.0			0.48	2.8		7.7	7.6	92		0.02		28.17	15.93	20.51
22.0	0938	7.0			0.46	2.6		7.7	7.5	90		0.02		28.21	15.85	20.56
22.0	0938	8.0			0.45	2.5		7.7	7.5	90		0.02		28.34	15.63	20.72
22.0	0938	9.0			0.45	2.5		7.7	7.5	90		0.02		28.43	15.53	20.80
22.0	0938	10.0			0.44	2.2		7.7	7.6	90		0.02		28.57	15.43	20.93
22.0	0938	11.0			0.44	2.2		7.7	7.5	90		0.04		28.62	15.40	20.97
22.0	0938	12.0			0.46	2.5		7.7	7.6	90		0.06		28.78	15.29	21.13
22.0	0938	13.0			0.47	2.7		7.7	7.6	90		0.12		28.82	15.26	21.16
22.0	0938	14.0			0.49	2.9		7.7	7.6	90		0.18		28.84	15.25	21.17
22.0	0938	15.0			0.51	3.1		7.7	7.6	91		0.22		28.86	15.24	21.19
22.0	0938	16.0			0.52	3.4		7.7	7.6	91		0.27		28.87	15.23	21.21
22.0	0938	17.0			0.57	4.0		7.7	7.6	91		0.31		28.87	15.23	21.20
22.0	0938	18.0			0.58	4.1		7.7	7.6	91		0.34		28.88	15.22	21.21
21.0	0925	1.0			0.44	2.3		7.8	7.7	92		0.02	0.8	28.51	15.52	20.86
21.0	0925	2.0			0.44	2.3		7.8	7.6	91		0.03		28.57	15.47	20.93
21.0	0925	3.0	1.6	0.70	0.44	2.3	7.8	7.7	7.6	91	5.0	0.05		28.65	15.40	21.00
21.0	0925	4.0			0.45	2.5		7.7	7.6	91		0.10		28.77	15.32	21.11
21.0	0925	5.0			0.45	2.4		7.7	7.6	91		0.13		28.78	15.31	21.12
21.0	0925	6.0			0.43	2.1		7.7	7.6	91		0.14		28.80	15.30	21.13
21.0	0925	7.0			0.44	2.3		7.7	7.6	91		0.15		28.80	15.30	21.14
21.0	0925	8.0			0.46	2.6		7.8	7.6	91		0.18		28.81	15.29	21.15
21.0	0925	9.0			0.47	2.7		7.7	7.6	91		0.17		28.83	15.27	21.17
21.0	0925	10.0			0.49	2.9		7.7	7.6	91		0.22		28.90	15.22	21.23
21.0	0925	11.0			0.50	3.1		7.8	7.6	91		0.29		28.92	15.21	21.24

South San Francisco Bay 25 October 1995 95298

STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA		CHL a	OXYG	OXYG	OXYG	OXYG	SAT	SPM	SPM	SPM				
21.0	0925	12.0			0.51	3.1		7.8	7.6	91			0.36	27		28.92	15.21	21.24
21.0	0925	13.0			0.53	3.4		7.8	7.6	91			0.37	28		28.92	15.21	21.25
21.0	0925	14.0			0.54	3.7		7.8	7.6	91			0.42	31		28.93	15.20	21.25
21.0	0925	15.0			0.55	3.7		7.8	7.6	91			0.51	38		28.93	15.20	21.25
21.0	0925	16.0			0.54	3.5		7.8	7.6	91			0.55	41		28.93	15.20	21.25
21.0	0925	17.0	2.9	0.39	0.53	3.5		7.8	7.7	91			0.55	40		28.93	15.20	21.26

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.417	13.239	-3.542	1.858
OBS Calibration:	7	0.971	69.955	1.975	5.535
Dissolved Oxygen Calibration:	6	0.938	1.118	-1.033	0.097

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1727	1.0	1.0		0.35	1.2	9.3	9.8	9.3	96		0.24	17	1.8	0.07	16.59	0.00
657.0	1727	2.0	1.3	0.56	0.35	1.2	9.3	9.8	9.3	96	20.0	0.22	17		0.07	16.57	0.00
657.0	1727	3.0			0.35	1.2		9.8	9.3	96		0.23	17		0.07	16.57	0.00
657.0	1727	4.0			0.35	1.2		9.8	9.3	96		0.23	17		0.07	16.56	0.00
657.0	1727	5.0			0.35	1.2		9.8	9.3	96		0.23	17		0.07	16.56	0.00
657.0	1727	6.0			0.36	1.2		9.8	9.4	96		0.23	17		0.07	16.55	0.00
657.0	1727	7.0			0.36	1.2		9.8	9.4	96		0.23	17		0.07	16.54	0.00
657.0	1727	8.0			0.37	1.3		9.8	9.4	96		0.23	17		0.07	16.54	0.00
657.0	1727	9.0			0.37	1.3		9.8	9.4	96		0.23	17		0.07	16.53	0.00
657.0	1727	10.0	1.3	0.55	0.36	1.2		9.8	9.4	96		0.23	17		0.07	16.53	0.00
649.0	1631	1.0			0.43	1.7		9.8	9.3	98		0.45	25	2.9	0.27	17.22	0.00
649.0	1631	2.0	2.0	0.50	0.43	1.7	9.3	9.8	9.4	98	28.3	0.44	25		0.30	17.19	0.00
649.0	1631	3.0			0.43	1.7		9.8	9.3	97		0.47	25		0.37	17.19	0.00
649.0	1631	4.0			0.43	1.7		9.8	9.3	97		0.49	26		0.40	17.21	0.00
649.0	1631	5.0			0.44	1.7		9.8	9.3	97		0.50	27		0.43	17.22	0.00
649.0	1631	6.0			0.44	1.7		9.8	9.3	97		0.51	27		0.47	17.25	0.00
649.0	1631	7.0			0.44	1.7		9.8	9.3	98		0.54	28		0.47	17.25	0.00
649.0	1631	8.0			0.44	1.7		9.8	9.3	97		0.55	28		0.47	17.25	0.00
649.0	1631	9.0			0.44	1.7		9.8	9.3	97		0.56	28		0.47	17.25	0.00
649.0	1631	10.0			0.44	1.7		9.8	9.3	97		0.56	29		0.49	17.26	0.00
649.0	1631	11.0			0.45	1.8		9.8	9.3	97		0.58	29		0.48	17.26	0.00
649.0	1631	12.0	2.0	0.43	0.45	1.8		9.8	9.3	97		0.60	30		0.47	17.26	0.00
2.0	1611	1.0			0.39	1.4		9.6	9.1	97		0.44	24	2.5	1.67	17.48	0.00
2.0	1611	2.0			0.38	1.4		9.6	9.2	97		0.41	23		1.83	17.43	0.11
2.0	1611	3.0			0.38	1.3		9.6	9.2	97		0.46	25		1.91	17.43	0.17
2.0	1611	4.0			0.38	1.4		9.6	9.2	97		0.49	26		1.99	17.45	0.22
2.0	1611	5.0			0.38	1.4		9.7	9.2	98		0.51	27		2.01	17.45	0.24
2.0	1611	6.0			0.39	1.4		9.6	9.2	98		0.54	28		2.08	17.47	0.29
2.0	1611	7.0			0.40	1.5		9.6	9.2	98		0.58	29		2.12	17.48	0.32
2.0	1611	8.0			0.40	1.5		9.7	9.2	98		0.63	31		2.12	17.48	0.32
2.0	1611	9.0			0.41	1.6		9.7	9.2	98		0.67	32		2.12	17.49	0.32
2.0	1611	10.0			0.42	1.6		9.6	9.2	98		0.70	33		2.13	17.49	0.32
2.0	1611	11.0			0.42	1.6		9.6	9.2	98		0.74	35		2.12	17.49	0.32
3.0	1558	1.0			0.38	1.3		9.6	9.2	98		0.47	25	2.7	2.75	17.53	0.79
3.0	1558	2.0	1.9	0.48	0.38	1.3	9.2	9.6	9.2	98	28.8	0.48	26		3.02	17.49	1.00
3.0	1558	3.0			0.37	1.3		9.6	9.2	98		0.49	26		3.24	17.45	1.18
3.0	1558	4.0			0.38	1.3		9.5	9.1	98		0.51	27		3.37	17.42	1.28
3.0	1558	5.0			0.38	1.4		9.5	9.1	98		0.56	29		3.44	17.41	1.34
3.0	1558	6.0			0.39	1.4		9.6	9.1	98		0.61	30		3.47	17.40	1.37
3.0	1558	7.0			0.39	1.4		9.6	9.1	98		0.68	33		3.48	17.39	1.38

North San Francisco Bay

23 October 1995

95296

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1558	8.0			0.39	1.4		9.6	9.1	98		0.73	35		3.50	17.39	1.39
3.0	1558	9.0			0.40	1.5		9.6	9.2	98		0.80	37		3.51	17.39	1.40
3.0	1558	10.0			0.40	1.5		9.6	9.2	98		0.82	38		3.51	17.39	1.40
3.0	1558	11.0	1.3	0.32	0.40	1.5		9.6	9.2	98		0.82	38		3.51	17.39	1.40
4.0	1535	1.0			0.43	1.7		9.5	9.1	97		0.64	31	3.3	2.30	17.59	0.44
4.0	1535	2.0			0.43	1.7		9.6	9.2	98		0.61	30		2.38	17.58	0.50
4.0	1535	3.0			0.43	1.7		9.6	9.2	98		0.64	31		2.44	17.57	0.55
4.0	1535	4.0			0.42	1.6		9.6	9.2	98		0.66	32		2.95	17.50	0.95
4.0	1535	5.0			0.40	1.5		9.5	9.1	98		0.72	34		3.74	17.38	1.57
4.0	1535	6.0			0.39	1.4		9.4	9.0	97		0.75	35		4.36	17.31	2.06
4.0	1535	7.0			0.39	1.4		9.4	9.0	97		0.75	35		4.87	17.28	2.45
4.0	1535	8.0			0.39	1.4		9.4	9.0	97		0.72	34		4.92	17.30	2.49
4.0	1535	9.0			0.40	1.5		9.4	9.0	97		0.73	35		4.93	17.32	2.50
4.0	1535	10.0			0.41	1.5		9.4	9.1	97		0.75	35		4.93	17.33	2.49
4.0	1535	11.0			0.41	1.5		9.5	9.1	98		0.76	36		4.95	17.34	2.50
4.0	1535	12.0			0.40	1.5		9.5	9.1	98		0.78	36		5.19	17.39	2.68
4.0	1535	13.0			0.39	1.4		9.5	9.1	98		0.86	39		5.69	17.34	3.07
4.0	1535	14.0			0.39	1.4		9.4	9.0	98		0.96	42		5.80	17.32	3.16
4.0	1535	15.0			0.39	1.4		9.4	9.0	98		0.98	43		5.81	17.31	3.16
4.0	1535	16.0			0.39	1.4		9.4	9.0	98		0.99	44		5.82	17.31	3.17
4.0	1535	17.0			0.39	1.4		9.4	9.0	98		1.02	44		5.81	17.31	3.17
4.0	1535	18.0			0.38	1.4		9.4	9.0	98		1.07	46		5.80	17.31	3.16
5.0	1420	1.0			0.40	1.5		9.4	9.0	97		0.52	27	2.7	4.22	17.59	1.90
5.0	1420	2.0			0.39	1.4		9.5	9.1	98		0.50	26		5.42	17.39	2.85
5.0	1420	3.0			0.38	1.4		9.4	9.0	98		0.57	29		6.13	17.34	3.40
5.0	1420	4.0			0.38	1.4		9.4	9.0	98		0.63	31		6.58	17.32	3.75
5.0	1420	5.0			0.39	1.4		9.3	9.0	98		0.83	38		7.49	17.28	4.45
5.0	1420	6.0			0.39	1.4		9.3	8.9	98		0.98	43		7.54	17.27	4.49
5.0	1420	7.0			0.39	1.4		9.3	8.9	97		1.03	45		7.55	17.27	4.50
5.0	1420	8.0			0.39	1.4		9.3	8.9	98		1.06	46		7.57	17.27	4.52
5.0	1420	9.0			0.39	1.4		9.3	9.0	98		1.08	47		7.57	17.27	4.51
5.0	1420	10.0			0.39	1.4		9.3	9.0	98		1.08	47		7.58	17.27	4.52
5.0	1420	11.0			0.39	1.4		9.3	9.0	98		1.07	46		7.59	17.27	4.53
5.0	1420	12.0			0.39	1.4		9.3	9.0	98		1.07	46		7.62	17.27	4.55
5.0	1420	13.0			0.39	1.4		9.3	9.0	98		1.07	46		7.64	17.27	4.56
6.0	1358	1.0			0.36	1.2		9.0	8.7	97		0.75	35	4.2	9.44	17.38	5.92
6.0	1358	2.0	1.3	0.35	0.36	1.2	8.8	9.1	8.8	97	30.9	0.75	35		9.61	17.36	6.05
6.0	1358	3.0			0.36	1.2		9.1	8.8	97		0.75	35		9.51	17.37	5.97
6.0	1358	4.0			0.37	1.3		9.0	8.7	97		0.74	35		9.92	17.35	6.29
6.0	1358	5.0			0.37	1.3		9.0	8.7	97		0.83	38		10.20	17.30	6.51

STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	FLUOR	CALC		DISCR	CALC		% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a			CHL a	OXYG		OXYG	SAT								
6.0	1358	6.0				0.37	1.3			9.0	8.7	97		0.93		10.35	17.28	6.63	
6.0	1358	7.0				0.37	1.3			9.0	8.7	97		0.96		10.51	17.26	6.76	
6.0	1358	8.0				0.37	1.3			9.0	8.7	97		1.01		10.59	17.24	6.82	
6.0	1358	9.0				0.38	1.3			9.0	8.7	97		1.05		10.62	17.24	6.84	
6.0	1358	10.0				0.38	1.3			9.0	8.7	96		1.05		10.63	17.23	6.85	
6.0	1358	11.0	0.8	0.19		0.38	1.3			9.0	8.7	97		1.05		10.62	17.23	6.85	
7.0	1255	1.0				0.34	1.1			8.8	8.5	96		0.38	2.2	12.68	17.24	8.41	
7.0	1255	2.0				0.34	1.1			8.8	8.6	96		0.39		12.82	17.22	8.52	
7.0	1255	3.0				0.34	1.1			8.8	8.6	96		0.41		12.89	17.21	8.58	
7.0	1255	4.0				0.34	1.1			8.8	8.6	96		0.44		12.89	17.21	8.58	
7.0	1255	5.0				0.34	1.1			8.8	8.6	96		0.45		12.95	17.21	8.63	
7.0	1255	6.0				0.35	1.1			8.8	8.6	96		0.49		12.99	17.20	8.66	
7.0	1255	7.0				0.35	1.2			8.8	8.6	96		0.53		13.05	17.20	8.71	
7.0	1255	8.0				0.35	1.2			8.8	8.6	96		0.58		13.10	17.19	8.74	
7.0	1255	9.0				0.36	1.2			8.8	8.6	96		0.61		13.11	17.19	8.75	
7.0	1255	10.0				0.36	1.2			8.8	8.6	96		0.62		13.12	17.19	8.76	
7.0	1255	11.0				0.36	1.2			8.8	8.6	97		0.62		13.13	17.19	8.77	
7.0	1255	12.0				0.36	1.2			8.8	8.6	97		0.63		13.14	17.19	8.77	
7.0	1255	13.0				0.36	1.2			8.8	8.6	97		0.63		13.13	17.19	8.76	
7.0	1255	14.0				0.36	1.2			8.8	8.6	97		0.63		13.13	17.19	8.76	
7.0	1255	15.0				0.36	1.2			8.8	8.6	97		0.66		13.14	17.19	8.77	
8.0	1136	1.0				0.33	1.0			9.1	8.8	97		0.23	1.8	10.87	17.25	7.03	
8.0	1136	2.0				0.33	1.0			8.7	8.5	94		0.25		10.99	17.23	7.13	
8.0	1136	3.0				0.33	1.0			8.9	8.6	96		0.25		11.23	17.22	7.31	
8.0	1136	4.0				0.33	1.0			8.8	8.6	96		0.26		11.44	17.22	7.48	
8.0	1136	5.0				0.33	1.0			8.8	8.5	96		0.28		11.85	17.21	7.79	
8.0	1136	6.0				0.34	1.1			8.8	8.5	96		0.28		12.43	17.20	8.23	
8.0	1136	7.0				0.35	1.1			8.8	8.5	96		0.32		13.02	17.18	8.68	
8.0	1136	8.0				0.36	1.2			8.8	8.5	96		0.43		13.38	17.17	8.96	
8.0	1136	9.0				0.37	1.3			8.7	8.5	96		0.51		13.83	17.17	9.30	
8.0	1136	10.0				0.38	1.3			8.7	8.4	96		0.70		14.30	17.17	9.66	
8.0	1136	11.0				0.39	1.4			8.7	8.5	96		0.90		14.48	17.17	9.80	
8.0	1136	12.0				0.40	1.5			8.7	8.4	96		1.05		14.52	17.17	9.83	
8.0	1136	13.0				0.40	1.5			8.7	8.4	96		1.17		14.57	17.17	9.87	
8.0	1136	14.0				0.41	1.5			8.7	8.4	96		1.31		14.60	17.17	9.89	
8.0	1136	15.0				0.41	1.5			8.7	8.4	96		1.39		14.60	17.17	9.89	
8.0	1136	16.0				0.42	1.6			8.7	8.5	96		1.44		14.61	17.17	9.90	
8.0	1136	17.0				0.41	1.6			8.7	8.4	96		1.53		14.62	17.17	9.90	
9.0	1106	1.0				0.33	1.0			8.7	8.5	95		0.25	1.7	13.46	17.15	9.02	
9.0	1106	2.0	0.9	0.44		0.33	1.0	8.5		8.7	8.5	96	17.6	0.23		13.50	17.15	9.06	

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1106	3.0			0.33	1.0		8.7	8.5	96		0.23	17		13.56	17.14	9.10
9.0	1106	4.0			0.33	1.0		8.7	8.5	96		0.24	17		13.80	17.13	9.29
9.0	1106	5.0			0.33	1.0		8.7	8.5	96		0.25	18		13.86	17.13	9.33
9.0	1106	6.0			0.33	1.0		8.7	8.5	96		0.25	18		13.94	17.13	9.39
9.0	1106	7.0			0.34	1.1		8.7	8.5	96		0.25	18		13.99	17.13	9.43
9.0	1106	8.0			0.34	1.1		8.7	8.5	96		0.25	18		14.07	17.13	9.50
9.0	1106	9.0			0.34	1.1		8.7	8.5	96		0.25	18		14.16	17.13	9.56
9.0	1106	10.0			0.35	1.1		8.7	8.5	96		0.25	18		14.28	17.12	9.66
9.0	1106	11.0			0.35	1.1		8.7	8.5	96		0.25	18		14.45	17.12	9.79
9.0	1106	12.0			0.36	1.2		8.7	8.4	96		0.27	19		15.12	17.08	10.31
9.0	1106	13.0			0.36	1.2		8.6	8.4	96		0.41	23		15.55	17.06	10.63
9.0	1106	14.0			0.37	1.3		8.6	8.4	96		0.57	29		15.81	17.04	10.84
9.0	1106	15.0			0.38	1.3		8.6	8.4	96		0.68	33		15.95	17.03	10.95
9.0	1106	16.0			0.38	1.3		8.6	8.4	96		0.75	35		16.06	17.03	11.03
9.0	1106	17.0			0.38	1.4		8.6	8.4	96		0.78	36		16.17	17.02	11.11
9.0	1106	18.0			0.39	1.4		8.6	8.3	96		0.81	37		16.24	17.02	11.17
9.0	1106	19.0			0.39	1.4		8.6	8.3	96		0.82	38		16.33	17.02	11.24
9.0	1106	20.0			0.38	1.4		8.6	8.3	96		0.83	38		16.35	17.02	11.26
9.0	1106	21.0			0.39	1.4		8.6	8.3	96		0.82	38		16.36	17.02	11.27
9.0	1106	22.0			0.39	1.4		8.6	8.3	96		0.81	37		16.38	17.02	11.28
9.0	1106	23.0			0.38	1.4		8.6	8.3	96		0.83	38		16.41	17.01	11.30
9.0	1106	24.0			0.38	1.4		8.6	8.3	96		0.82	38		16.41	17.02	11.30
9.0	1106	25.0			0.38	1.4		8.6	8.3	96		0.85	39		16.41	17.01	11.30
9.0	1106	26.0			0.39	1.4		8.6	8.3	96		0.84	38		16.41	17.02	11.30
9.0	1106	27.0			0.39	1.4		8.6	8.3	96		0.86	39		16.41	17.02	11.30
9.0	1106	28.0	1.0	0.24	0.39	1.4		8.6	8.3	96		0.91	41		16.41	17.02	11.30
10.0	1055	1.0			0.34	1.1		8.7	8.4	96		0.23	17	1.5	14.14	17.16	9.54
10.0	1055	2.0			0.34	1.1		8.7	8.4	96		0.21	17		14.15	17.16	9.55
10.0	1055	3.0			0.34	1.1		8.7	8.4	96		0.22	17		14.17	17.16	9.56
10.0	1055	4.0			0.34	1.1		8.7	8.4	96		0.22	17		14.19	17.15	9.58
10.0	1055	5.0			0.33	1.1		8.7	8.4	96		0.23	17		14.25	17.13	9.63
10.0	1055	6.0			0.33	1.0		8.7	8.4	96		0.23	17		14.35	17.12	9.71
10.0	1055	7.0			0.33	1.0		8.6	8.4	95		0.24	18		14.49	17.11	9.82
10.0	1055	8.0			0.34	1.1		8.7	8.4	96		0.26	18		14.74	17.10	10.01
10.0	1055	9.0			0.34	1.1		8.6	8.4	96		0.26	18		14.78	17.10	10.04
10.0	1055	10.0			0.34	1.1		8.6	8.4	96		0.26	18		14.79	17.10	10.05
10.0	1055	11.0			0.34	1.1		8.6	8.4	96		0.26	18		14.85	17.10	10.10
10.0	1055	12.0			0.34	1.1		8.6	8.4	96		0.27	19		15.02	17.08	10.23
10.0	1055	13.0			0.34	1.1		8.6	8.4	96		0.29	19		15.15	17.07	10.33
10.0	1055	14.0			0.35	1.1		8.6	8.4	96		0.30	20		15.20	17.07	10.37
10.0	1055	15.0			0.35	1.2		8.6	8.4	95		0.31	20		15.34	17.06	10.47
10.0	1055	16.0			0.36	1.2		8.5	8.3	95		0.33	21		15.52	17.04	10.62

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
10.0	1055	17.0			0.37	1.3		8.5	8.3	95		0.60	30		16.58	16.95	11.45
10.0	1055	18.0			0.39	1.4		8.5	8.3	95		1.01	44		17.38	16.90	12.06
10.0	1055	19.0			0.40	1.5		8.5	8.3	95		1.10	48		17.53	16.89	12.18
10.0	1055	20.0			0.41	1.5		8.5	8.3	95		1.20	51		17.53	16.89	12.18
10.0	1055	20.0			0.41	1.5		8.5	8.3	95		1.25	53		17.53	16.89	12.18
11.0	1034	1.0			0.36	1.2		8.6	8.3	96		0.17	15	1.3	16.18	17.02	11.13
11.0	1034	2.0			0.36	1.2		8.5	8.3	95		0.16	15		16.13	17.03	11.08
11.0	1034	3.0			0.36	1.2		8.4	8.2	94		0.16	15		16.26	17.01	11.18
11.0	1034	4.0			0.36	1.2		8.4	8.2	94		0.16	15		17.50	16.88	12.16
11.0	1034	5.0			0.35	1.2		8.4	8.2	94		0.16	15		17.96	16.83	12.52
11.0	1034	6.0			0.35	1.1		8.4	8.2	95		0.17	15		18.60	16.78	13.02
11.0	1034	7.0			0.35	1.1		8.3	8.2	94		0.17	15		18.75	16.76	13.14
11.0	1034	8.0			0.34	1.1		8.3	8.2	94		0.17	15		18.95	16.73	13.30
11.0	1034	9.0			0.35	1.1		8.3	8.2	95		0.21	16		19.25	16.68	13.53
11.0	1034	10.0			0.36	1.2		8.3	8.2	95		0.40	23		19.42	16.67	13.67
11.0	1034	11.0			0.39	1.4		8.3	8.1	95		0.67	32		19.78	16.65	13.95
11.0	1034	12.0			0.41	1.6		8.3	8.1	95		1.12	48		20.04	16.63	14.15
11.0	1034	13.0			0.42	1.6		8.3	8.2	95		1.22	52		20.04	16.63	14.15
11.0	1034	14.0			0.42	1.6		8.3	8.1	95		1.30	54		20.07	16.63	14.17
11.0	1034	15.0			0.42	1.6		8.3	8.1	95		1.37	57		20.09	16.63	14.19
12.5	1004	1.0			0.43	1.7		8.4	8.2	95		0.13	14	1.3	18.39	16.80	12.85
12.5	1004	2.0			0.44	1.7		8.3	8.1	94		0.14	14		19.29	16.63	13.58
12.5	1004	3.0			0.43	1.6		8.2	8.1	94		0.15	14		20.45	16.45	14.50
12.5	1004	4.0			0.41	1.6		8.2	8.1	94		0.29	19		21.66	16.32	15.45
12.5	1004	5.0			0.41	1.6		8.2	8.0	94		0.58	29		22.18	16.30	15.85
12.5	1004	6.0			0.42	1.6		8.2	8.0	94		0.81	37		22.28	16.30	15.93
12.5	1004	7.0			0.43	1.6		8.2	8.1	94		1.10	47		22.33	16.30	15.97
13.0	0936	1.0			0.43	1.7		8.4	8.2	95		0.09	12	0.9	20.86	16.51	14.80
13.0	0936	2.0		1.5	0.67	1.7	8.2	8.3	8.2	95	9.5	0.09	12		20.93	16.50	14.85
13.0	0936	3.0			0.42	1.6		8.3	8.1	95		0.09	12		21.28	16.47	15.13
13.0	0936	4.0			0.40	1.5		8.2	8.0	94		0.09	12		22.24	16.41	15.88
13.0	0936	5.0			0.40	1.5		8.1	8.0	94		0.10	13		23.29	16.30	16.70
13.0	0936	6.0			0.41	1.6		8.1	8.0	94		0.18	15		23.97	16.22	17.24
13.0	0936	7.0			0.43	1.7		8.1	8.0	94		0.48	26		24.08	16.21	17.32
13.0	0936	8.0			0.45	1.8		8.1	8.0	94		0.65	32		24.10	16.20	17.34
13.0	0936	9.0			0.46	1.8		8.1	8.0	94		0.77	36		24.11	16.20	17.34
13.0	0936	10.0		1.5	0.23	1.8		8.1	8.0	94		0.79	36		24.10	16.20	17.34
14.0	0921	1.0			0.42	1.6		8.3	8.1	95		0.16	15	1.3	22.52	16.31	16.11
14.0	0921	2.0			0.42	1.6		8.2	8.1	95		0.15	14		22.57	16.31	16.15

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
14.0	0921	3.0			0.41	1.5		8.2	8.0	94		0.15	15		22.91	16.28	16.41
14.0	0921	4.0			0.40	1.5		8.2	8.0	94		0.15	14		23.59	16.23	16.94
14.0	0921	5.0			0.40	1.5		8.1	8.0	94		0.14	14		23.77	16.20	17.09
14.0	0921	6.0			0.41	1.6		8.1	8.0	94		0.15	14		24.15	16.17	17.39
14.0	0921	7.0			0.43	1.7		8.1	8.0	94		0.24	18		24.48	16.15	17.65
14.0	0921	8.0			0.44	1.7		8.1	8.0	94		0.37	22		24.56	16.14	17.71
14.0	0921	9.0			0.44	1.8		8.1	8.0	94		0.44	24		24.59	16.14	17.73
14.0	0921	10.0			0.46	1.8		8.1	8.0	94		0.53	28		24.66	16.14	17.78
14.0	0921	11.0			0.46	1.9		8.1	8.0	94		0.60	30		24.71	16.13	17.82
14.0	0921	12.0			0.46	1.9		8.1	8.0	94		0.63	31		24.71	16.13	17.83
14.0	0921	13.0			0.46	1.9		8.1	8.0	94		0.65	32		24.71	16.13	17.83
14.0	0921	14.0			0.46	1.9		8.1	8.0	94		0.69	33		24.71	16.14	17.82
14.0	0921	15.0			0.46	1.9		8.1	8.0	94		0.74	35		24.71	16.14	17.82
15.0	0900	1.0			0.45	1.8		8.4	8.2	95		0.14	14	1.3	21.62	16.18	15.45
15.0	0900	2.0	2.0	0.62	0.44	1.7	8.1	8.3	8.2	95	10.7	0.13	14		21.83	16.20	15.61
15.0	0900	3.0			0.43	1.6		8.3	8.1	95		0.13	14		22.02	16.21	15.75
15.0	0900	4.0			0.42	1.6		8.3	8.1	95		0.14	14		22.27	16.22	15.94
15.0	0900	5.0			0.42	1.6		8.3	8.1	95		0.14	14		22.77	16.22	16.32
15.0	0900	6.0			0.41	1.6		8.2	8.0	95		0.14	14		23.47	16.22	16.86
15.0	0900	7.0			0.41	1.5		8.1	8.0	94		0.14	14		24.08	16.18	17.33
15.0	0900	8.0			0.41	1.6		8.1	8.0	94		0.14	14		24.33	16.14	17.53
15.0	0900	9.0			0.42	1.6		8.1	7.9	94		0.14	14		24.64	16.09	17.78
15.0	0900	10.0			0.42	1.6		8.0	7.9	94		0.14	14		24.81	16.07	17.91
15.0	0900	11.0			0.44	1.7		8.0	7.9	93		0.13	14		25.16	16.00	18.20
15.0	0900	12.0			0.45	1.8		8.0	7.9	93		0.12	13		25.80	15.84	18.72
15.0	0900	13.0			0.46	1.8		8.0	7.9	93		0.15	14		25.98	15.77	18.87
15.0	0900	14.0			0.46	1.9		8.0	7.9	93		0.18	16		26.05	15.73	18.93
15.0	0900	15.0			0.47	1.9		8.0	7.9	93		0.21	16		26.09	15.70	18.97
15.0	0900	16.0			0.48	2.0		8.0	7.9	94		0.22	17		26.17	15.68	19.04
15.0	0900	17.0			0.48	2.0		8.0	7.9	94		0.24	17		26.21	15.68	19.07
15.0	0900	18.0			0.48	2.0		8.0	7.9	94		0.25	18		26.23	15.67	19.09
15.0	0900	19.0			0.47	1.9		8.0	7.9	94		0.26	18		26.27	15.66	19.12
15.0	0900	20.0			0.47	1.9		8.0	7.9	94		0.29	19		26.39	15.64	19.21
15.0	0900	21.0			0.48	2.0		8.0	7.9	94		0.32	20		26.43	15.64	19.25
15.0	0900	22.0			0.50	2.1		8.0	7.9	94		0.35	21		26.52	15.62	19.32
15.0	0900	23.0			0.49	2.1		8.0	7.9	94		0.39	23		26.52	15.62	19.32
15.0	0900	24.0	2.0	0.39	0.49	2.1		8.0	7.9	94		0.42	24		26.52	15.62	19.32
16.0	0838	1.0			0.48	2.0		8.2	8.1	95		0.09	12	1.1	24.21	15.91	17.49
16.0	0838	2.0			0.47	1.9		8.2	8.0	95		0.08	12		24.53	15.94	17.73
16.0	0838	3.0			0.47	1.9		8.1	8.0	94		0.09	12		24.58	15.93	17.77
16.0	0838	4.0			0.46	1.8		7.9	7.8	93		0.09	12		25.16	15.82	18.23

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
16.0	0838	5.0			0.44	1.7		7.9	7.8	93		0.09	12		26.40	15.60	19.23
16.0	0838	6.0			0.45	1.8		8.0	7.9	93		0.12	13		26.72	15.55	19.49
16.0	0838	7.0			0.48	2.0		7.9	7.8	93		0.25	18		26.80	15.53	19.55
16.0	0838	8.0			0.49	2.1		8.0	7.9	93		0.34	21		26.94	15.50	19.66
16.0	0838	9.0			0.49	2.1		8.0	7.9	93		0.49	26		27.06	15.48	19.76
16.0	0838	10.0			0.52	2.2		8.0	7.9	93		0.56	29		27.14	15.46	19.83
16.0	0838	11.0			0.53	2.3		8.0	7.9	93		0.65	32		27.19	15.45	19.87
16.0	0838	12.0			0.54	2.4		8.0	7.9	93		0.81	37		27.20	15.44	19.88
16.0	0838	13.0			0.54	2.4		8.0	7.9	93		0.90	40		27.21	15.44	19.89
17.0	0820	1.0			0.49	2.1		7.9	7.8	92		0.06	11	1.0	25.96	15.59	18.89
17.0	0820	2.0			0.48	2.0		8.0	7.9	93		0.06	11		26.06	15.59	18.97
17.0	0820	3.0			0.48	2.0		8.0	7.9	93		0.06	11		26.15	15.56	19.05
17.0	0820	4.0			0.46	1.8		8.0	7.9	93		0.06	11		26.47	15.51	19.31
17.0	0820	5.0			0.44	1.8		8.0	7.9	93		0.07	11		26.58	15.47	19.40
17.0	0820	6.0			0.46	1.8		7.9	7.8	93		0.07	11		26.96	15.34	19.71
17.0	0820	7.0			0.46	1.9		7.9	7.8	93		0.06	11		27.79	15.12	20.40
17.0	0820	8.0			0.46	1.9		7.9	7.8	92		0.05	11		28.21	15.01	20.74
17.0	0820	9.0			0.47	2.0		7.7	7.7	90		0.04	11		28.54	14.89	21.02
17.0	0820	10.0			0.50	2.1		7.7	7.6	90		0.04	10		29.11	14.69	21.50
17.0	0820	11.0			0.53	2.3		7.7	7.6	90		0.08	12		29.55	14.54	21.87
17.0	0820	12.0			0.53	2.3		7.8	7.7	91		0.19	16		29.72	14.48	22.02
17.0	0820	13.0			0.55	2.4		7.8	7.7	91		0.26	18		29.76	14.46	22.05
17.0	0820	14.0			0.55	2.5		7.8	7.7	91		0.28	19		29.76	14.46	22.05
													n	r ²	Slope	Inter.	Std. Err.
													14	0.492	6.483	-1.120	0.322
													7	0.854	34.778	9.148	3.673
													7	0.993	0.807	1.435	0.048

Fluorometer Calibration:
 OBS Calibration:
 Dissolved Oxygen Calibration:

Seabird v4.026

APPENDIX B

Phytoplankton Species Composition and Abundance in San Francisco Bay for standard sampling stations. Phytoplankton density (cells per mL) and volume (biovolume of phytoplankton in cubic micrometers per mL) were calculated from water samples collected at two meters depth at the discrete sampling stations.

STATION	657	657	657	657
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>ambigua</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>distans</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>granulata</i> var. <i>angustissima</i>			30	20145
<i>Aulacoseira</i> (<i>Melosira</i>) <i>granulata</i> var. <i>granulata</i>			8	15770.3
<i>Aulacoseira</i> (<i>Melosira</i>) <i>lirata</i>	3	1005.9		
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicuris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatulus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulosus?</i>				
<i>Coscinodiscus lineatus</i>				
<i>Coscinodiscus marginatus</i>				
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cyclotella glomerata</i>				
<i>Cyclotella kutzingiana</i>				
<i>Cyclotella meneghiniana</i>				
<i>Cyclotella pseudostelligera</i>				
<i>Cyclotella</i> sp.				
<i>Cyclotella stelligera</i>				
<i>Cyclotella striata</i>				
<i>Cylindrotheca (Nitzschia) closterium</i>				
<i>Cymbella sinuata</i>				
<i>Diatoma vulgare</i>	5	11292.5		
<i>Diploneis</i> sp.				
<i>Ditylum brightwellii</i>				
<i>Entomoneis alata</i>				
<i>Entomoneis paludosa</i>				
<i>Entomoneis</i> sp.				
<i>Eucampia zoodiacus</i>				
<i>Fragilaria crotonensis</i>				
<i>Fragilaria islandica</i>			46	4866.8
<i>Fragilaria pinnata</i>			6	507.6
<i>Fragilaria</i> sp.				
<i>Fragilaria vaucheriae</i>				
<i>Grammatophora marina</i>				
<i>Gyrosigma balticum</i>				
<i>Gyrosigma fasciola</i>				
<i>Gyrosigma macrum?</i>				
<i>Gyrosigma spencerii</i>				
<i>Isthmia nervosa</i>				
<i>Lauderia borealis</i>				
<i>Leptocylindrus danicus</i>				
<i>Leptocylindrus minimus</i>				
<i>Lithodesmium undulatum</i>				
<i>Melosira moniliformis</i>				
<i>Melosira nummuloides</i>				
<i>Melosira</i> sp.				
<i>Melosira varians</i>				
<i>Navicula arenaria</i>				
<i>Navicula capitata</i>				
<i>Navicula cari</i>				
<i>Navicula distans</i>				
<i>Navicula halophila</i>				
<i>Navicula incertata</i>				
<i>Navicula indifferens</i>				
<i>Navicula (mutica var. undulata) charlatii</i>				
<i>Navicula mutica</i>				
<i>Navicula notha</i>				
<i>Navicula peregrina</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica			1	339.8
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima			1	917.5
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stolterfothii				
Rhizosolenia styliiformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum				
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptotheca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens				
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				

CHLOROPHYCEAE

Actinastrum hantzschii
Chlamydomonas sp. 1
Chlamydomonas sp. 2
Chlorella marina
Chlorella salina
Chlorella sp.
Chlorococcum sp.
Chlorogonium sp.
Choricystis sp.
Closterium sp.
Coelastrum sphaericum
Coelastrum sp.
Crucigenia tetrapedia
Dimorphococcus cordatus
Eudorina elegans

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	125	325		
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecomis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta				
Chroomonas amphioxeia			2	754.2
Chroomonas pleurococca?				
Chroomonas salina			125	3075
Chroomonas sp.				
Cryptomonas marsonii			2	1005.3
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cryptomonas reflexa</i>			2	8270
<i>Cryptomonas rostrata</i>				
<i>Cryptomonas rostratiformis</i>			1	3948.6
<i>Cryptomonas</i> sp.				

CYANOPHYCEAE

<i>Anabaena affinis</i>				
<i>Anabaena circinalis</i>				
<i>Anabaena aequalis</i>				
<i>Anabaena flos-aquae</i>				
<i>Anabaena</i> sp.				
<i>Anacystis</i> sp.				
<i>Aphanizomenon flos-aquae</i>				
<i>Aphanocapsa delicatissima</i>				
<i>Aphanothece</i> sp.				
<i>Chroococcus</i> sp.				
<i>Dactylococcopsis acicularis</i>				
<i>Dactylococcopsis fascicularis</i>				
<i>Dactylococcopsis</i> sp.				
<i>Lyngbya limnetica</i>				
<i>Marssoniella elegans</i>				
<i>Merismopedia tenuissima</i>				
<i>Oscillatoria agardhii</i>				
<i>Oscillatoria limnetica</i>				
<i>Oscillatoria lutea</i>				
<i>Oscillatoria prolifica</i>				
<i>Oscillatoria</i> sp.				
<i>Oscillatoria subbrevis</i>	20	1005.4		
<i>Oscillatoria subtilissima</i>				
<i>Phormidium</i> sp.				
<i>Schizothrix tenerrima</i>				
<i>Synechococcus</i> sp.				

DINOPHYCEAE

<i>Ceratium furca</i>				
<i>Ceratium minutum</i>				
<i>Dinophysis fortii</i>				
<i>Dinophysis</i> sp.				
<i>Exuviella</i> sp.				
<i>Glenodinium</i> sp.				
<i>Gonyaulax catenella?</i>				
<i>Gonyaulax</i> sp.				
<i>Gonyaulax tamarensis</i>				
<i>Gonyaulax triacantha</i>				
<i>Gymnodinium</i> sp.				
<i>Gymnodinium splendens</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra				
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum milneri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum				
Proto-peridinium brevipes				
Proto-peridinium claudicans				
Proto-peridinium deficiens				
Proto-peridinium depressum				
Proto-peridinium pellucidum?				
Proto-peridinium sp.				
Proto-peridinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii				
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii				
Pyramimonas micron				
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbiont)				
TOTAL:	212397	225872.8	212588	271964.1

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

Achnanthes clevei				
Achnanthes lanceolata				
Achnanthes linearis				
Achnanthes microcephala				
Achnanthes minutissima				
Achnanthes sp.				
Actinoptychus senarius				
Amphora sp.				
Asterionella bleakeleyi	5.6	5711.4	64	19232
Asterionella glacialis				
Aulacoseira (Melosira) ambigua				
Aulacoseira (Melosira) distans				
Aulacoseira (Melosira) granulata var. angustissi	24.8	5609.5	148	26728.8
Aulacoseira (Melosira) granulata var. granulata	20.8	106693.2	166	447951.1
Aulacoseira (Melosira) lirata				
Aulacoseira sp.				
Bacillaria paxillifer				
Biddulphia alternans				
Biddulphia aurita				
Biddulphia longicuris var. hyalina				
Biddulphia pulchella				
Caloneis amphisbaena				
Cerataulina pelagica				
Chaetoceros compressus				
Chaetoceros costatus				
Chaetoceros debile				
Chaetoceros decipiens				
Chaetoceros didymus				
Chaetoceros gracilis				
Chaetoceros socialis			179	12026
Chaetoceros vistulae				
Chaetoceros wighami				
Cocconeis placentula				
Cocconeis scutellum				
Coscinodiscus concinnus				
Coscinodiscus curvatulus				
Coscinodiscus excentricus				
Coscinodiscus granulatus?				
Coscinodiscus lineatus			1	33228.6
Coscinodiscus marginatus				
Coscinodiscus nitidus				
Coscinodiscus oculus-iridis				
Coscinodiscus radiatus				
Cyclotella caspia				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Cyclotella glomerata				
Cyclotella kutzingiana				
Cyclotella meneghiniana	125	212139.6		
Cyclotella pseudostelligera				
Cyclotella sp.				
Cyclotella stelligera				
Cyclotella striata			500	40750
Cylindrotheca (Nitzschia) closterium				
Cymbella sinuata				
Diatoma vulgare				
Diploneis sp.				
Ditylum brightwellii				
Entomoneis alata				
Entomoneis paludosa				
Entomoneis sp.				
Eucampia zoodiacus				
Fragilaria crotonensis				
Fragilaria islandica				
Fragilaria pinnata	25.2	1360.8	26	1404
Fragilaria sp.				
Fragilaria vaucheriae				
Grammatophora marina				
Gyrosigma balticum				
Gyrosigma fasciola				
Gyrosigma macrum?				
Gyrosigma spencerii				
Isthmia nervosa				
Lauderia borealis				
Leptocylindrus danicus				
Leptocylindrus minimus				
Lithodesmium undulatum				
Melosira moniliformis				
Melosira nummuloides				
Melosira sp.				
Melosira varians			2	14702.2
Navicula arenaria				
Navicula capitata				
Navicula cari	10	643		
Navicula distans				
Navicula halophila				
Navicula incertata				
Navicula indifferens				
Navicula (mutica var. undulata) charlatii				
Navicula mutica				
Navicula notha				
Navicula peregrina				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis	6.4	1410.6	19	8134.4
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor			2	69874
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla	125	20362.5		
Nitzschia linearis				
Nitzschia longissima	1.2	448.8	1	374
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea	2.8	705.6	7	1596
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stotterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum				
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.			875	744537.5
Stephanopyxis sp.				
Streptothecca tamesis				
Fragilaria (Synedra) delicatissima	2.4	30512.4	1	2721.6
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1			1	3509.9
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens			4	6483.4
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina	125	6795		
Chlorella salina			125	4187.5
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum			2	83.8
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	1500	6300	250	1050
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus			4	648.8
Scenedesmus ecomis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysecoccus sp.				
Chrysochromulina kappa				
Dinobryon divergens			9	2305.7
Dinobryon sociale				
Distephanus speculum				
Kephyron sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	750	85425	500	56950
Chroomonas amphioxeia				
Chroomonas pleurococca?				
Chroomonas salina	375	39000		
Chroomonas sp.				
Cryptomonas marsonii	1.2	618.8		
Cryptomonas ovata			7	17822.7

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cryptomonas reflexa</i>	4	4861.2	1	1215.3
<i>Cryptomonas rostrata</i>				
<i>Cryptomonas rostratiformis</i>	1.2	2888		
<i>Cryptomonas</i> sp.				

CYANOPHYCEAE

<i>Anabaena affinis</i>				
<i>Anabaena circinalis</i>				
<i>Anabaena aequalis</i>				
<i>Anabaena flos-aquae</i>			50	6939.6
<i>Anabaena</i> sp.				
<i>Anacystis</i> sp.				
<i>Aphanizomenon flos-aquae</i>			38	3296.3
<i>Aphanocapsa delicatissima</i>				
<i>Aphanothece</i> sp.				
<i>Chroococcus</i> sp.				
<i>Dactylococcopsis acicularis</i>				
<i>Dactylococcopsis fascicularis</i>	2	69.1	375	17662.5
<i>Dactylococcopsis</i> sp.				
<i>Lyngbya limnetica</i>				
<i>Marssoniella elegans</i>				
<i>Merismopedia tenuissima</i>				
<i>Oscillatoria agardhii</i>				
<i>Oscillatoria limnetica</i>				
<i>Oscillatoria lutea</i>				
<i>Oscillatoria prolifica</i>				
<i>Oscillatoria</i> sp.				
<i>Oscillatoria subbrevis</i>	20.8	1696	153	47221.9
<i>Oscillatoria subtilissima</i>				
<i>Phormidium</i> sp.				
<i>Schizothrix tenerrima</i>				
<i>Synechococcus</i> sp.				

DINOPHYCEAE

<i>Ceratium furca</i>				
<i>Ceratium minutum</i>				
<i>Dinophysis fortii</i>				
<i>Dinophysis</i> sp.				
<i>Exuviella</i> sp.				
<i>Glenodinium</i> sp.				
<i>Gonyaulax catenella?</i>				
<i>Gonyaulax</i> sp.				
<i>Gonyaulax tamarensis</i>				
<i>Gonyaulax triacantha</i>				
<i>Gymnodinium</i> sp.				
<i>Gymnodinium splendens</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra				
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum milneri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum				
Protoperidinium brevipes				
Protoperidinium claudicans				
Protoperidinium deficiens				
Protoperidinium depressum				
Protoperidinium pellucidum?				
Protoperidinium sp.				
Protoperidinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.	0.4	237.3		
Eutreptia lanowii				
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscurfieldia marina				
Pyramimonas grossii				
Pyramimonas micron	125	2775		
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbiont)				
TOTAL:	215785.8	748794.8	216294	1805422

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>	1	300.5		
<i>Asterionella glacialis</i>				
<i>Aulacoseira (Melosira) ambigua</i>				
<i>Aulacoseira (Melosira) distans</i>				
<i>Aulacoseira (Melosira) granulata</i> var. <i>angustissi</i>	40	7224		
<i>Aulacoseira (Melosira) granulata</i> var. <i>granulata</i>	11	15867.5	8	3062
<i>Aulacoseira (Melosira) lirata</i>				
<i>Aulacoseira</i> sp.			4	199.2
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicurris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulatus?</i>				
<i>Coscinodiscus lineatus</i>				
<i>Coscinodiscus marginatus</i>				
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cyclotella glomerata</i>				
<i>Cyclotella kutzingiana</i>				
<i>Cyclotella meneghiniana</i>	2	9424.5		
<i>Cyclotella pseudostelligera</i>				
<i>Cyclotella sp.</i>				
<i>Cyclotella stelligera</i>				
<i>Cyclotella striata</i>	625	66250	250	26900
<i>Cylindrotheca (Nitzschia) closterium</i>				
<i>Cymbella sinuata</i>				
<i>Diatoma vulgaris</i>				
<i>Diploneis sp.</i>				
<i>Ditylum brightwellii</i>				
<i>Entomoneis alata</i>				
<i>Entomoneis paludosa</i>				
<i>Entomoneis sp.</i>				
<i>Eucampia zoodiacus</i>				
<i>Fragilaria crotonensis</i>				
<i>Fragilaria islandica</i>				
<i>Fragilaria pinnata</i>				
<i>Fragilaria sp.</i>				
<i>Fragilaria vaucheriae</i>				
<i>Grammatophora marina</i>				
<i>Gyrosigma balticum</i>				
<i>Gyrosigma fasciola</i>				
<i>Gyrosigma macrum?</i>				
<i>Gyrosigma spencerii</i>				
<i>Isthmia nervosa</i>				
<i>Lauderia borealis</i>				
<i>Leptocylindrus danicus</i>				
<i>Leptocylindrus minimus</i>				
<i>Lithodesmium undulatum</i>				
<i>Melosira moniliformis</i>				
<i>Melosira nummuloides</i>				
<i>Melosira sp.</i>				
<i>Melosira varians</i>			7	86935.3
<i>Navicula arenaria</i>				
<i>Navicula capitata</i>				
<i>Navicula cari</i>				
<i>Navicula distans</i>				
<i>Navicula halophila</i>				
<i>Navicula incertata</i>				
<i>Navicula indifferens</i>				
<i>Navicula (mutica var. undulata) charlatii</i>				
<i>Navicula mutica</i>				
<i>Navicula notha</i>				
<i>Navicula peregrina</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis	2	540		
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta			8	33770.9
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla	2	250		
Nitzschia linearis				
Nitzschia longissima				
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea	6	1701		
Nitzschia paleacea			1	193.8
Nitzschia panduriformis				
Nitzschia reversa	2	1002		
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata			2	3864
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stolterfothii				
Rhizosolenia styliiformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum	35	4809		
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptotheca tamesis				
Fragilaria (Synedra) delicatissima	1	1837.1	1	1899.4
Fragilaria (Synedra) capucina var. radians	3	3600		
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna	2	40303.9	2	5441.4
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens				
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina			875	47600
Chlorella satina	125	6800		
Chlorella sp.	125	525		
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia	4	652.3		
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum	125	7075		
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum	125	3025		
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	750	3150	1125	4725
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecomis				
Scenedesmus intermedius				
Scenedesmus opoliensis			4	940
Scenedesmus quadricauda			4	268
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum	1000	100525		
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens	28	9871.5		
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	1000	82464.4		
Chroomonas amphioxeia				
Chroomonas pleurococca?				
Chroomonas salina	125	13000		
Chroomonas sp.				
Cryptomonas marsonii	1	515.7		
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cryptomonas reflexa</i>	12	14583.6		
<i>Cryptomonas rostrata</i>				
<i>Cryptomonas rostratiformis</i>				
<i>Cryptomonas</i> sp.				
CYANOPHYCEAE				
<i>Anabaena affinis</i>				
<i>Anabaena circinalis</i>				
<i>Anabaena aequalis</i>				
<i>Anabaena flos-aquae</i>				
<i>Anabaena</i> sp.	98	3025.1		
<i>Anacystis</i> sp.				
<i>Aphanizomenon flos-aquae</i>				
<i>Aphanocapsa delicatissima</i>	3250	3738.5		
<i>Aphanothece</i> sp.	2500	2500		
<i>Chroococcus</i> sp.	250	1050		
<i>Dactylococcopsis acicularis</i>				
<i>Dactylococcopsis fascicularis</i>				
<i>Dactylococcopsis</i> sp.				
<i>Lyngbya limnetica</i>				
<i>Marssoniiella elegans</i>				
<i>Merismopedia tenuissima</i>				
<i>Oscillatoria agardhii</i>				
<i>Oscillatoria limnetica</i>				
<i>Oscillatoria lutea</i>			36	1537.2
<i>Oscillatoria prolifica</i>				
<i>Oscillatoria</i> sp.				
<i>Oscillatoria subbrevis</i>				
<i>Oscillatoria subtilissima</i>	12000	291433.8		
<i>Phormidium</i> sp.				
<i>Schizothrix tenerrima</i>			500	6800
<i>Synechococcus</i> sp.				
DINOPHYCEAE				
<i>Ceratium furca</i>				
<i>Ceratium minutum</i>				
<i>Dinophysis fortii</i>				
<i>Dinophysis</i> sp.				
<i>Exuviella</i> sp.				
<i>Glenodinium</i> sp.				
<i>Gonyaulax catenella?</i>				
<i>Gonyaulax</i> sp.				
<i>Gonyaulax tamarensis</i>				
<i>Gonyaulax triacantha</i>				
<i>Gymnodinium</i> sp.				
<i>Gymnodinium splendens</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	657	657
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra				
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum milneri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum				
Proto-peridinium brevipes				
Proto-peridinium claudicans				
Proto-peridinium deficiens				
Proto-peridinium depressum				
Proto-peridinium pellucidum?				
Proto-peridinium sp.				
Proto-peridinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii				
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii				
Pyramimonas micron				
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbiont)				
TOTAL:	235118	909912.4	216157	437466.2

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	6	6
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira (Melosira) ambigua</i>				
<i>Aulacoseira (Melosira) distans</i>				
<i>Aulacoseira (Melosira) granulata</i> var. <i>angustissi</i>	10	1806		
<i>Aulacoseira (Melosira) granulata</i> var. <i>granulata</i>				
<i>Aulacoseira (Melosira) lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicuris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatulus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulatus?</i>				
<i>Coscinodiscus lineatus</i>				
<i>Coscinodiscus marginatus</i>				
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	6	6
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Cyclotella glomerata				
Cyclotella kutzingiana				
Cyclotella meneghiniana	62.5	12987.5		
Cyclotella pseudostelligera				
Cyclotella sp.				
Cyclotella stelligera				
Cyclotella striata	375	32534		
Cylindrotheca (Nitzschia) closterium				
Cymbella sinuata				
Diatoma vulgaris				
Diploneis sp.				
Ditylum brightwellii				
Entomoneis alata				
Entomoneis paludosa				
Entomoneis sp.				
Eucampia zoodiacus				
Fragilaria crotonensis				
Fragilaria islandica				
Fragilaria pinnata				
Fragilaria sp.				
Fragilaria vaucheriae				
Grammatophora marina				
Gyrosigma balticum				
Gyrosigma fasciola				
Gyrosigma macrum?				
Gyrosigma spencerii				
Isthmia nervosa				
Lauderia borealis				
Leptocylindrus danicus				
Leptocylindrus minimus				
Lithodesmium undulatum				
Melosira moniliformis				
Melosira nummuloides				
Melosira sp.				
Melosira varians				
Navicula arenaria				
Navicula capitata				
Navicula cari				
Navicula distans				
Navicula halophila				
Navicula incertata				
Navicula indifferens				
Navicula (mutica var. undulata) charlatii				
Navicula mutica				
Navicula notha				
Navicula peregrina				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	6	6
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima	1	374		
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa	1	501		
Nitzschia seriata**				
Nitzschia sigma var. rigida			3	7551.6
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis			1	4530.2
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	6	6
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stouterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum				
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptothecha tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens				
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				

CHLOROPHYCEAE

Actinastrum hantzschii		
Chlamydomonas sp. 1		
Chlamydomonas sp. 2		
Chlorella marina		
Chlorella salina		
Chlorella sp.	125	1762.5
Chlorococcum sp.		
Chlorogonium sp.		
Choricystis sp.		
Closterium sp.		
Coelastrum sphaericum		
Coelastrum sp.		
Crucigenia tetrapedia		
Dimorphococcus cordatus	28	6580
Eudorina elegans		

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	6	6
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	875	3675		
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecomis				
Scenedesmus intermedius	4	33.5		
Scenedesmus opoliensis	20	2820		
Scenedesmus quadricauda	4	268		
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale	3	526.2		
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	375	42712.5		
Chroomonas amphioxeia				
Chroomonas pleurococca?				
Chroomonas salina			0.8	30.2
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata	1	2546.1		

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	6	6
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cryptomonas reflexa</i>	4	4861.2		
<i>Cryptomonas rostrata</i>				
<i>Cryptomonas rostratiformis</i>				
<i>Cryptomonas sp.</i>				
CYANOPHYCEAE				
<i>Anabaena affinis</i>				
<i>Anabaena circinalis</i>				
<i>Anabaena aequalis</i>				
<i>Anabaena flos-aquae</i>				
<i>Anabaena sp.</i>				
<i>Anacystis sp.</i>				
<i>Aphanizomenon flos-aquae</i>				
<i>Aphanocapsa delicatissima</i>				
<i>Aphanothece sp.</i>				
<i>Chroococcus sp.</i>				
<i>Dactylococcopsis acicularis</i>				
<i>Dactylococcopsis fascicularis</i>				
<i>Dactylococcopsis sp.</i>				
<i>Lyngbya limnetica</i>				
<i>Marssoniella elegans</i>				
<i>Merismopedia tenuissima</i>				
<i>Oscillatoria agardhii</i>				
<i>Oscillatoria limnetica</i>				
<i>Oscillatoria lutea</i>				
<i>Oscillatoria prolifica</i>				
<i>Oscillatoria sp.</i>				
<i>Oscillatoria subbrevis</i>			22	620.4
<i>Oscillatoria subtilissima</i>				
<i>Phormidium sp.</i>				
<i>Schizothrix tenerrima</i>	28	380.8		
<i>Synechococcus sp.</i>				
DINOPHYCEAE				
<i>Ceratium furca</i>				
<i>Ceratium minutum</i>				
<i>Dinophysis fortii</i>				
<i>Dinophysis sp.</i>				
<i>Exuviella sp.</i>				
<i>Glenodinium sp.</i>				
<i>Gonyaulax catenella?</i>				
<i>Gonyaulax sp.</i>				
<i>Gonyaulax tamarensis</i>				
<i>Gonyaulax triacantha</i>				
<i>Gymnodinium sp.</i>				
<i>Gymnodinium splendens</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	657	657	6	6
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra				
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum milneri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum				
Protoperidinium brevipes				
Protoperidinium claudicans				
Protoperidinium deficiens				
Protoperidinium depressum				
Protoperidinium pellucidum?				
Protoperidinium sp.				
Protoperidinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii				
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii				
Pyramimonas micron				
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbiont)				
TOTAL:	215636.5	328088.3	208364.8	221070.4

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira</i> (Melosira) <i>ambigua</i>				
<i>Aulacoseira</i> (Melosira) <i>distans</i>				
<i>Aulacoseira</i> (Melosira) <i>granulata</i> var. <i>angustissi</i>	15	10072.5		
<i>Aulacoseira</i> (Melosira) <i>granulata</i> var. <i>granulata</i>			8.4	43087.8
<i>Aulacoseira</i> (Melosira) <i>lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicruris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulatus?</i>				
<i>Coscinodiscus lineatus</i>				
<i>Coscinodiscus marginatus</i>				
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cyclotella glomerata</i>				
<i>Cyclotella kutzingiana</i>				
<i>Cyclotella meneghiniana</i>	1	1440.6		
<i>Cyclotella pseudostelligera</i>				
<i>Cyclotella</i> sp.				
<i>Cyclotella stelligera</i>				
<i>Cyclotella striata</i>			1.6	244.3
<i>Cylindrotheca (Nitzschia) closterium</i>				
<i>Cymbella sinuata</i>				
<i>Diatoma vulgaris</i>				
<i>Diploneis</i> sp.				
<i>Ditylum brightwellii</i>				
<i>Entomoneis alata</i>				
<i>Entomoneis paludosa</i>				
<i>Entomoneis</i> sp.				
<i>Eucampia zoodiacus</i>				
<i>Fragilaria crotonensis</i>				
<i>Fragilaria islandica</i>	14	4200		
<i>Fragilaria pinnata</i>	32	2707.2	125	14100
<i>Fragilaria</i> sp.				
<i>Fragilaria vaucheriae</i>				
<i>Grammatophora marina</i>				
<i>Gyrosigma balticum</i>				
<i>Gyrosigma fasciola</i>				
<i>Gyrosigma macrum?</i>				
<i>Gyrosigma spencerii</i>				
<i>Isthmia nervosa</i>				
<i>Lauderia borealis</i>				
<i>Leptocylindrus danicus</i>				
<i>Leptocylindrus minimus</i>				
<i>Lithodesmium undulatum</i>				
<i>Melosira moniliformis</i>				
<i>Melosira nummuloides</i>				
<i>Melosira</i> sp.				
<i>Melosira varians</i>				
<i>Navicula arenaria</i>				
<i>Navicula capitata</i>				
<i>Navicula cari</i>				
<i>Navicula distans</i>				
<i>Navicula halophila</i>				
<i>Navicula incertata</i>				
<i>Navicula indifferens</i>				
<i>Navicula (mutica var. undulata) charlatii</i>				
<i>Navicula mutica</i>				
<i>Navicula notha</i>				
<i>Navicula peregrina</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima	1	917.5		
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stolterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum				
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptotheca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens				
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				

CHLOROPHYCEAE

Actinastrum hantzschii
 Chlamydomonas sp. 1
 Chlamydomonas sp. 2
 Chlorella marina
 Chlorella salina
 Chlorella sp.
 Chlorococcum sp.
 Chlorogonium sp.
 Choricystis sp.
 Closterium sp.
 Coelastrum sphaericum
 Coelastrum sp.
 Crucigenia tetrapedia
 Dimorphococcus cordatus
 Eudorina elegans

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.			6.4	2609.3
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Microactinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus			1187.5	4087.5
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecornis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.			62.5	353.4
CRYPTOPHYCEAE				
Chroomonas acuta			250	28475
Chroomonas amphioxeia	1	372.1	2	754.2
Chroomonas pleurococca?				
Chroomonas salina	31.3	770	1312.5	136500
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cryptomonas reflexa</i>	2	8270	11.6	14097.5
<i>Cryptomonas rostrata</i>				
<i>Cryptomonas rostratiformis</i>	2	6900.6	2.4	5775.8
<i>Cryptomonas</i> sp.				

CYANOPHYCEAE

Anabaena affinis
Anabaena circinalis
Anabaena aequalis
Anabaena flos-aquae
Anabaena sp.
Anacystis sp.
Aphanizomenon flos-aquae
Aphanocapsa delicatissima
Aphanothece sp.
Chroococcus sp.
Dactylococcopsis acicularis
Dactylococcopsis fascicularis
Dactylococcopsis sp.
Lyngbya limnetica
Marssoniiella elegans
Merismopedia tenuissima
Oscillatoria agardhii
Oscillatoria limnetica
Oscillatoria lutea
Oscillatoria prolifica
Oscillatoria sp.
Oscillatoria subbrevis
Oscillatoria subtilissima
Phormidium sp.
Schizothrix tenerrima
Synechococcus sp.

DINOPHYCEAE

Ceratium furca
Ceratium minutum
Dinophysis fortii
Dinophysis sp.
Exuviella sp.
Glenodinium sp.
Gonyaulax catenella?
Gonyaulax sp.
Gonyaulax tamarensis
Gonyaulax triacantha
Gymnodinium sp.
Gymnodinium splendens

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra				
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum milneri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum				
Protoperidinium brevipes				
Protoperidinium claudicans				
Protoperidinium deficiens				
Protoperidinium depressum				
Protoperidinium pellucidum?				
Protoperidinium sp.				
Protoperidinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.	4	7448		
Eutreptia lanowii			0.4	237.3
Phacus tortus	1	46363.2		
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.			62.5	615.2
Pseudoscourfieldia marina				
Pyramimonas grossii				
Pyramimonas micron				
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbiont)				
TOTAL:	208562.3	297919.7	211658.8	459563.3

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira (Melosira) ambigua</i>				
<i>Aulacoseira (Melosira) distans</i>				
<i>Aulacoseira (Melosira) granulata</i> var. <i>angustissi</i>	42	7585.2	27	41312.7
<i>Aulacoseira (Melosira) granulata</i> var. <i>granulata</i>				
<i>Aulacoseira (Melosira) lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicuris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>	30	2724		
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatulus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulatus?</i>				
<i>Coscinodiscus lineatus</i>				
<i>Coscinodiscus marginatus</i>				
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Cyclotella glomerata				
Cyclotella kutzingiana				
Cyclotella meneghiniana			2	19510.3
Cyclotella pseudostelligera				
Cyclotella sp.				
Cyclotella stelligera				
Cyclotella striata	1000	152676.9	250	30917.1
Cylindrotheca (Nitzschia) closterium				
Cymbella sinuata				
Diatoma vulgare				
Diploneis sp.				
Ditylum brightwellii				
Entomoneis alata				
Entomoneis paludosa				
Entomoneis sp.				
Eucampia zoodiacus				
Fragilaria crotonensis			4	16412.6
Fragilaria islandica				
Fragilaria pinnata				
Fragilaria sp.				
Fragilaria vaucheriae				
Grammatophora marina				
Gyrosigma balticum				
Gyrosigma fasciola				
Gyrosigma macrum?				
Gyrosigma spencerii				
Isthmia nervosa				
Lauderia borealis				
Leptocylindrus danicus				
Leptocylindrus minimus				
Lithodesmium undulatum				
Melosira moniliformis				
Melosira nummuloides				
Meiosira sp.				
Melosira varians			9	99240
Navicula arenaria				
Navicula capitata				
Navicula cari				
Navicula distans				
Navicula halophila				
Navicula incertata				
Navicula indifferens				
Navicula (mutica var. undulata) charlatii				
Navicula mutica				
Navicula notha				
Navicula peregrina				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor	1	21219.4	1	34937
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima	1	374		
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea			3	908.7
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa			3	3360
Nitzschia seriata**				
Nitzschia sigma var. rigida	1	3867.6		
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stotterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum			16	2198.4
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptotheca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens				
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina	62.5	11224.3		
Chlorella salina			1375	46062.5
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.	1	8165.2		
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	1750	7350	625	2625
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus eornis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens			10	3526
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	125	14237.5	750	61875
Chroomonas amphioxeia				
Chroomonas pleurococca?				
Chroomonas salina	1125	117000	625	65000
Chroomonas sp.				
Cryptomonas marsonii	1	515.7		
Cryptomonas ovata	6	17310.6	6	15276.6

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cryptomonas reflexa</i>			16	19444.8
<i>Cryptomonas rostrata</i>				
<i>Cryptomonas rostratiformis</i>	2	4813.2	2	4813.2
<i>Cryptomonas sp.</i>				

CYANOPHYCEAE

<i>Anabaena affinis</i>				
<i>Anabaena circinalis</i>				
<i>Anabaena aequalis</i>				
<i>Anabaena flos-aquae</i>				
<i>Anabaena sp.</i>				
<i>Anacystis sp.</i>				
<i>Aphanizomenon flos-aquae</i>				
<i>Aphanocapsa delicatissima</i>				
<i>Aphanothece sp.</i>				
<i>Chroococcus sp.</i>				
<i>Dactylococcopsis acicularis</i>				
<i>Dactylococcopsis fascicularis</i>				
<i>Dactylococcopsis sp.</i>			125	1325
<i>Lyngbya limnetica</i>				
<i>Marssoniella elegans</i>				
<i>Merismopedia tenuissima</i>				
<i>Oscillatoria agardhii</i>				
<i>Oscillatoria limnetica</i>				
<i>Oscillatoria lutea</i>			38	1173
<i>Oscillatoria prolifica</i>				
<i>Oscillatoria sp.</i>				
<i>Oscillatoria subbrevis</i>				
<i>Oscillatoria subtilissima</i>				
<i>Phormidium sp.</i>				
<i>Schizothrix tenerrima</i>				
<i>Synechococcus sp.</i>				

DINOPHYCEAE

<i>Ceratium furca</i>
<i>Ceratium minutum</i>
<i>Dinophysis fortii</i>
<i>Dinophysis sp.</i>
<i>Exuviella sp.</i>
<i>Glenodinium sp.</i>
<i>Gonyaulax catenella?</i>
<i>Gonyaulax sp.</i>
<i>Gonyaulax tamarensis</i>
<i>Gonyaulax triacantha</i>
<i>Gymnodinium sp.</i>
<i>Gymnodinium splendens</i>

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra				
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum milneri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum				
Proto-peridinium brevipes				
Proto-peridinium claudicans				
Proto-peridinium deficiens				
Proto-peridinium depressum				
Proto-peridinium pellucidum?				
Proto-peridinium sp.				
Proto-peridinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii				
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis cynformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii				
Pyramimonas micron				
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbiont)				
TOTAL:	213025.5	577941.6	212849	678879.9

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

Achnanthes clevei
Achnanthes lanceolata
Achnanthes linearis
Achnanthes microcephala
Achnanthes minutissima
Achnanthes sp.
Actinoptychus senarius
Amphora sp.
Asterionella bleakeleyi
Asterionella glacialis
Aulacoseira (Melosira) ambigua
Aulacoseira (Melosira) distans
Aulacoseira (Melosira) granulata var. *angustissima*
Aulacoseira (Melosira) granulata var. *granulata*
Aulacoseira (Melosira) lirata
Aulacoseira sp.
Bacillaria paxillifer
Biddulphia alternans
Biddulphia aurita
Biddulphia longicruris var. *hyalina*
Biddulphia pulchella
Caloneis amphisbaena
Cerataulina pelagica
Chaetoceros compressus
Chaetoceros costatus
Chaetoceros debile
Chaetoceros decipiens
Chaetoceros didymus
Chaetoceros gracilis
Chaetoceros socialis
Chaetoceros vistulae
Chaetoceros wighami
Cocconeis placentula
Cocconeis scutellum
Coscinodiscus concinnus
Coscinodiscus curvatus
Coscinodiscus excentricus
Coscinodiscus granulatus?
Coscinodiscus lineatus
Coscinodiscus marginatus
Coscinodiscus nitidus
Coscinodiscus oculus-iridis
Coscinodiscus radiatus
Cyclotella caspia

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cyclotella glomerata</i>				
<i>Cyclotella kutzingiana</i>				
<i>Cyclotella meneghiniana</i>			250	51952.6
<i>Cyclotella pseudostelligera</i>				
<i>Cyclotella sp.</i>				
<i>Cyclotella stelligera</i>				
<i>Cyclotella striata</i>	1000	107600	250	26900
<i>Cylindrotheca (Nitzschia) closterium</i>				
<i>Cymbella sinuata</i>				
<i>Diatoma vulgaris</i>				
<i>Diploneis sp.</i>				
<i>Ditylum brightwellii</i>				
<i>Entomoneis alata</i>			1	17249
<i>Entomoneis paludosa</i>				
<i>Entomoneis sp.</i>				
<i>Eucampia zoodiacus</i>				
<i>Fragilaria crotonensis</i>				
<i>Fragilaria islandica</i>				
<i>Fragilaria pinnata</i>				
<i>Fragilaria sp.</i>				
<i>Fragilaria vaucheriae</i>				
<i>Grammatophora marina</i>				
<i>Gyrosigma balticum</i>				
<i>Gyrosigma fasciola</i>				
<i>Gyrosigma macrum?</i>				
<i>Gyrosigma spencerii</i>				
<i>Isthmia nervosa</i>				
<i>Lauderia borealis</i>				
<i>Leptocylindrus danicus</i>				
<i>Leptocylindrus minimus</i>				
<i>Lithodesmium undulatum</i>				
<i>Melosira moniliformis</i>				
<i>Melosira nummuloides</i>				
<i>Melosira sp.</i>				
<i>Melosira varians</i>				
<i>Navicula arenaria</i>				
<i>Navicula capitata</i>				
<i>Navicula cari</i>				
<i>Navicula distans</i>				
<i>Navicula halophila</i>				
<i>Navicula incertata</i>				
<i>Navicula indifferens</i>				
<i>Navicula (mutica var. undulata) charlatii</i>				
<i>Navicula mutica</i>				
<i>Navicula notha</i>				
<i>Navicula peregrina</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla	15.6	2184	125	30000
Nitzschia linearis				
Nitzschia longissima				
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula			2	6290.8
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stotterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum				
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptothecca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens				
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				

CHLOROPHYCEAE

Actinastrum hantzschii
 Chlamydomonas sp. 1
 Chlamydomonas sp. 2
 Chlorella marina
 Chlorella salina
 Chlorella sp.
 Chlorococcum sp.
 Chlorogonium sp.
 Choricystis sp.
 Closterium sp.
 Coelastrum sphaericum
 Coelastrum sp.
 Crucigenia tetrapedia
 Dimorphococcus cordatus
 Eudorina elegans

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	3250	13650	2500	10500
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecornis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	500	56950		
Chroomonas amphioxeia	1	377.1	125	47137.5
Chroomonas pleurococca?				
Chroomonas salina	500	52000	250	26000
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

Cryptomonas reflexa
Cryptomonas rostrata
Cryptomonas rostratiformis
Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis
Anabaena circinalis
Anabaena aequalis
Anabaena flos-aquae
Anabaena sp.
Anacystis sp.
Aphanizomenon flos-aquae
Aphanocapsa delicatissima 1000 1200
Aphanothece sp. 125 125
Chroococcus sp.
Dactylococcopsis acicularis
Dactylococcopsis fascicularis
Dactylococcopsis sp.
Lyngbya limnetica
Marssoniiella elegans
Merismopedia tenuissima
Oscillatoria agardhii
Oscillatoria limnetica
Oscillatoria lutea
Oscillatoria prolifica
Oscillatoria sp.
Oscillatoria subbrevis
Oscillatoria subtilissima
Phormidium sp.
Schizothrix tenerrima
Synechococcus sp.

DINOPHYCEAE

Ceratium furca
Ceratium minutum
Dinophysis fortii
Dinophysis sp.
Exuviella sp.
Glenodinium sp.
Gonyaulax catenella?
Gonyaulax sp.
Gonyaulax tamarensis
Gonyaulax triacantha
Gymnodinium sp.
Gymnodinium splendens

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	6	6	6	6
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra				
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum milneri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum				
Protoperidinium brevipes				
Protoperidinium claudicans				
Protoperidinium deficiens				
Protoperidinium depressum				
Protoperidinium pellucidum?				
Protoperidinium sp.				
Protoperidinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii				
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii				
Pyramimonas micron				
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbiont)			7	87398.5
TOTAL:			213324	513242.4

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira (Melosira) ambigua</i>				
<i>Aulacoseira (Melosira) distans</i>			3.2	421.1
<i>Aulacoseira (Melosira) granulata</i> var. <i>angustissima</i>			8	5372
<i>Aulacoseira (Melosira) granulata</i> var. <i>granulata</i>			6	11827.8
<i>Aulacoseira (Melosira) lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicuris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatulus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulosus?</i>				
<i>Coscinodiscus lineatus</i>				
<i>Coscinodiscus marginatus</i>	4	33593.2		
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cyclotella glomerata</i>				
<i>Cyclotella kutzingiana</i>				
<i>Cyclotella meneghiniana</i>				
<i>Cyclotella pseudostelligera</i>				
<i>Cyclotella</i> sp.				
<i>Cyclotella stelligera</i>				
<i>Cyclotella striata</i>			15.6	4784.5
<i>Cylindrotheca (Nitzschia) closterium</i>				
<i>Cymbella sinuata</i>				
<i>Diatoma vulgare</i>				
<i>Diploneis</i> sp.				
<i>Ditylum brightwellii</i>				
<i>Entomoneis alata</i>				
<i>Entomoneis paludosa</i>				
<i>Entomoneis</i> sp.				
<i>Eucampia zoodiacus</i>				
<i>Fragilaria crotonensis</i>				
<i>Fragilaria islandica</i>				
<i>Fragilaria pinnata</i>				
<i>Fragilaria</i> sp.				
<i>Fragilaria vaucheriae</i>				
<i>Grammatophora marina</i>				
<i>Gyrosigma balticum</i>				
<i>Gyrosigma fasciola</i>				
<i>Gyrosigma macrum?</i>				
<i>Gyrosigma spencerii</i>				
<i>Isthmia nervosa</i>				
<i>Lauderia borealis</i>				
<i>Leptocylindrus danicus</i>				
<i>Leptocylindrus minimus</i>				
<i>Lithodesmium undulatum</i>				
<i>Melosira moniliformis</i>				
<i>Melosira nummuloides</i>				
<i>Melosira</i> sp.				
<i>Melosira varians</i>				
<i>Navicula arenaria</i>				
<i>Navicula capitata</i>				
<i>Navicula cari</i>				
<i>Navicula distans</i>				
<i>Navicula halophila</i>				
<i>Navicula incertata</i>				
<i>Navicula indifferens</i>				
<i>Navicula (mutica var. undulata) charlatii</i>				
<i>Navicula mutica</i>				
<i>Navicula notha</i>				
<i>Navicula peregrina</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima			0.4	367
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera			0.4	1254.2

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stotterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum				
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptothecca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens				
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina			250	8375
Chlorella salina				
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	5000	12000		
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecornis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta				
Chroomonas amphioxeia				
Chroomonas pleurococca?				
Chroomonas salina				
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cryptomonas reflexa</i>				
<i>Cryptomonas rostrata</i>				
<i>Cryptomonas rostratiformis</i>				
<i>Cryptomonas sp.</i>				
CYANOPHYCEAE				
<i>Anabaena affinis</i>				
<i>Anabaena circinalis</i>				
<i>Anabaena aequalis</i>	48	3144		
<i>Anabaena flos-aquae</i>				
<i>Anabaena sp.</i>				
<i>Anacystis sp.</i>				
<i>Aphanizomenon flos-aquae</i>				
<i>Aphanocapsa delicatissima</i>				
<i>Aphanothece sp.</i>				
<i>Chroococcus sp.</i>				
<i>Dactylococcopsis acicularis</i>				
<i>Dactylococcopsis fascicularis</i>				
<i>Dactylococcopsis sp.</i>				
<i>Lyngbya limnetica</i>				
<i>Marssoniella elegans</i>				
<i>Merismopedia tenuissima</i>				
<i>Oscillatoria agardhii</i>				
<i>Oscillatoria limnetica</i>				
<i>Oscillatoria lutea</i>				
<i>Oscillatoria prolifica</i>				
<i>Oscillatoria sp.</i>				
<i>Oscillatoria subbrevis</i>	18	370.8	6.4	180.5
<i>Oscillatoria subtilissima</i>				
<i>Phormidium sp.</i>				
<i>Schizothrix tenerrima</i>				
<i>Synechococcus sp.</i>				
DINOPHYCEAE				
<i>Ceratium furca</i>				
<i>Ceratium minutum</i>				
<i>Dinophysis fortii</i>				
<i>Dinophysis sp.</i>				
<i>Exuviella sp.</i>				
<i>Glenodinium sp.</i>				
<i>Gonyaulax catenella?</i>				
<i>Gonyaulax sp.</i>			0.4	471.2
<i>Gonyaulax tamarensis</i>				
<i>Gonyaulax triacantha</i>				
<i>Gymnodinium sp.</i>				
<i>Gymnodinium splendens</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Gyrodinium spirale</i>				
<i>Heterocapsa triquetra</i>				
<i>Katodinium rotundatum</i>				
<i>Noctiluca sp.</i>				
<i>Oxytoxum milneri</i>				
<i>Peridinium sp.</i>				
<i>Prorocentrum aporum</i>				
<i>Prorocentrum gracile</i>				
<i>Prorocentrum micans</i>				
<i>Prorocentrum minimum</i>				
<i>Proto-peridinium brevipes</i>				
<i>Proto-peridinium claudicans</i>				
<i>Proto-peridinium deficiens</i>				
<i>Proto-peridinium depressum</i>				
<i>Proto-peridinium pellucidum?</i>				
<i>Proto-peridinium sp.</i>				
<i>Proto-peridinium spinulosum</i>				
<i>Pyrocystis sp.</i>				
EUGLENOPHYCEAE				
<i>Euglena acus</i>				
<i>Euglena sp.</i>				
<i>Eutreptia lanowii</i>				
<i>Phacus tortus</i>				
<i>Trachelomonas sp.</i>				
PRASINOPHYCEAE				
<i>Nephroselmis pyriformis</i>				
<i>Pedinomonas sp.</i>				
<i>Pseudoscourfieldia marina</i>				
<i>Pyramimonas grossii</i>				
<i>Pyramimonas micron</i>			125	6800
<i>Pyramimonas sp. 1</i>				
<i>Pyramimonas sp. 2</i>				
<i>Pyramimonas sp. 3</i>				
<i>Pyramimonas sp. 4</i>				
<i>Pyramimonas sp. 5</i>				
<i>Tetraselmis gracilis</i>				
HOLOTRICH CILIATE				
<i>Mesodinium rubrum (cryptomonad endosymbiont)</i>				
TOTAL:	213450	257488	208915.4	248353.3

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>ambigua</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>distans</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>granulata</i> var. <i>angustissima</i>			46	28438.5
<i>Aulacoseira</i> (<i>Melosira</i>) <i>granulata</i> var. <i>granulata</i>			1	2698.5
<i>Aulacoseira</i> (<i>Melosira</i>) <i>lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicuris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulatus</i> ?				
<i>Coscinodiscus lineatus</i>				
<i>Coscinodiscus marginatus</i>				
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cyclotella glomerata</i>				
<i>Cyclotella kutzingiana</i>				
<i>Cyclotella meneghiniana</i>				
<i>Cyclotella pseudostelligera</i>				
<i>Cyclotella</i> sp.				
<i>Cyclotella stelligera</i>				
<i>Cyclotella striata</i>	1875	286312.5		
<i>Cylindrotheca (Nitzschia) closterium</i>				
<i>Cymbella sinuata</i>				
<i>Diatoma vulgare</i>				
<i>Diploneis</i> sp.				
<i>Ditylum brightwellii</i>				
<i>Entomoneis alata</i>				
<i>Entomoneis paludosa</i>				
<i>Entomoneis</i> sp.				
<i>Eucampia zoodiacus</i>				
<i>Fragilaria crotonensis</i>				
<i>Fragilaria islandica</i>				
<i>Fragilaria pinnata</i>				
<i>Fragilaria</i> sp.				
<i>Fragilaria vaucheriae</i>				
<i>Grammatophora marina</i>				
<i>Gyrosigma balticum</i>				
<i>Gyrosigma fasciola</i>				
<i>Gyrosigma macrum?</i>				
<i>Gyrosigma spencerii</i>				
<i>Isthmia nervosa</i>				
<i>Lauderia borealis</i>				
<i>Leptocylindrus danicus</i>				
<i>Leptocylindrus minimus</i>				
<i>Lithodesmium undulatum</i>				
<i>Melosira moniliformis</i>				
<i>Melosira nummuloides</i>				
<i>Melosira</i> sp.				
<i>Melosira varians</i>				
<i>Navicula arenaria</i>				
<i>Navicula capitata</i>				
<i>Navicula cari</i>				
<i>Navicula distans</i>				
<i>Navicula halophila</i>				
<i>Navicula incertata</i>				
<i>Navicula indifferens</i>				
<i>Navicula (mutica var. undulata) charlatii</i>				
<i>Navicula mutica</i>				
<i>Navicula notha</i>				
<i>Navicula peregrina</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla	62.5	10181.3		
Nitzschia linearis				
Nitzschia longissima				
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stotterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum			19	1548.5
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptothecha tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata	1	11418.4		
Thalassionema nitzschioides				
Thalassiosira decipiens				
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				

CHLOROPHYCEAE

Actinastrum hantzschii
 Chlamydomonas sp. 1
 Chlamydomonas sp. 2
 Chlorella marina
 Chlorella salina
 Chlorella sp.
 Chlorococcum sp.
 Chlorogonium sp.
 Choricystis sp.
 Closterium sp.
 Coelastrum sphaericum
 Coelastrum sp.
 Crucigenia tetrapedia
 Dimorphococcus cordatus
 Eudorina elegans

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Franceia</i> sp.				
<i>Gloeocystis</i> sp.				
<i>Kirchneriella irregularis</i> var. <i>spiralis</i>				
<i>Kirchneriella lunaris</i>				
<i>Kirchneriella obesa</i>				
<i>Lagerheimia genevensis</i>				
<i>Micractinium pusillum</i>				
<i>Monoraphidium contortum</i>				
<i>Monoraphidium convolutum</i>				
<i>Monoraphidium griffithii</i>				
<i>Monoraphidium minutum</i>				
<i>Monoraphidium pusillum</i>				
<i>Monoraphidium</i> sp.				
<i>Nannochloris atomus</i>	4375	13125	625	2625
<i>Pediastrum boryanum</i>				
<i>Pediastrum duplex</i>				
<i>Planctonema</i> sp.				
<i>Scenedesmus acuminatus</i>				
<i>Scenedesmus ecomis</i>				
<i>Scenedesmus intermedius</i>				
<i>Scenedesmus opoliensis</i>				
<i>Scenedesmus quadricauda</i>				
<i>Schroederia setigera</i>				
<i>Spermatozopsis</i> sp.				
<i>Tetrastrum heteracanthum</i>				
CHRYSOPHYCEAE				
<i>Chromulina</i> sp.				
<i>Chrysococcus</i> sp.				
<i>Chrysochromulina kappa</i>				
<i>Dinobryon divergens</i>				
<i>Dinobryon sociale</i>				
<i>Distephanus speculum</i>				
<i>Kephyrion</i> sp.				
<i>Mallomonas</i> sp.				
<i>Monas</i> sp.				
<i>Ochromonas</i> sp.				
CRYPTOPHYCEAE				
<i>Chroomonas acuta</i>				
<i>Chroomonas amphioxeia</i>	62.5	23568.8		
<i>Chroomonas pleurococca?</i>				
<i>Chroomonas salina</i>	750	78000		
<i>Chroomonas</i> sp.				
<i>Cryptomonas marsonii</i>				
<i>Cryptomonas ovata</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cryptomonas reflexa</i>				
<i>Cryptomonas rostrata</i>				
<i>Cryptomonas rostratiformis</i>			2	4813.2
<i>Cryptomonas sp.</i>				
CYANOPHYCEAE				
<i>Anabaena affinis</i>				
<i>Anabaena circinalis</i>				
<i>Anabaena aequalis</i>				
<i>Anabaena flos-aquae</i>				
<i>Anabaena sp.</i>				
<i>Anacystis sp.</i>				
<i>Aphanizomenon flos-aquae</i>				
<i>Aphanocapsa delicatissima</i>				
<i>Aphanothece sp.</i>				
<i>Chroococcus sp.</i>				
<i>Dactylococcopsis acicularis</i>				
<i>Dactylococcopsis fascicularis</i>				
<i>Dactylococcopsis sp.</i>	62.5	709.3		
<i>Lyngbya limnetica</i>				
<i>Marssoniella elegans</i>				
<i>Merismopedia tenuissima</i>				
<i>Oscillatoria agardhii</i>				
<i>Oscillatoria limnetica</i>				
<i>Oscillatoria lutea</i>			38	1174.2
<i>Oscillatoria prolifica</i>				
<i>Oscillatoria sp.</i>				
<i>Oscillatoria subbrevis</i>				
<i>Oscillatoria subtilissima</i>				
<i>Phormidium sp.</i>				
<i>Schizothrix tenerrima</i>				
<i>Synechococcus sp.</i>				
DINOPHYCEAE				
<i>Ceratium furca</i>				
<i>Ceratium minutum</i>				
<i>Dinophysis fortii</i>				
<i>Dinophysis sp.</i>				
<i>Exuviella sp.</i>				
<i>Glenodinium sp.</i>				
<i>Gonyaulax catenella?</i>				
<i>Gonyaulax sp.</i>				
<i>Gonyaulax tamarensis</i>				
<i>Gonyaulax triacantha</i>				
<i>Gymnodinium sp.</i>				
<i>Gymnodinium splendens</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	03/07/95	03/07/95	04/18/95	04/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra	2	6289.4		
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum milneri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum				
Proto-peridinium brevipes				
Proto-peridinium claudicans				
Proto-peridinium deficiens				
Proto-peridinium depressum				
Proto-peridinium pellucidum?				
Proto-peridinium sp.				
Proto-peridinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii				
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii				
Pyramimonas micron				
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbio	10	226763		
TOTAL:	215868.5	865035.7	209651	250217.9

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

Achnanthes clevei				
Achnanthes lanceolata				
Achnanthes linearis				
Achnanthes microcephala				
Achnanthes minutissima				
Achnanthes sp.				
Actinoptychus senarius				
Amphora sp.				
Asterionella bleakeleyi				
Asterionella glacialis				
Aulacoseira (Melosira) ambigua				
Aulacoseira (Melosira) distans				
Aulacoseira (Melosira) granulata var. angustissi	4	6120.4		
Aulacoseira (Melosira) granulata var. granulata	18	25965		
Aulacoseira (Melosira) lirata				
Aulacoseira sp.				
Bacillaria paxillifer				
Biddulphia alternans				
Biddulphia aurita				
Biddulphia longicuris var. hyalina				
Biddulphia pulchella				
Caloneis amphisbaena				
Cerataulina pelagica				
Chaetoceros compressus				
Chaetoceros costatus				
Chaetoceros debile				
Chaetoceros decipiens				
Chaetoceros didymus				
Chaetoceros gracilis				
Chaetoceros socialis	18	12965.4		
Chaetoceros vistulae				
Chaetoceros wighami				
Cocconeis placentula				
Cocconeis scutellum				
Coscinodiscus concinnus				
Coscinodiscus curvatulus				
Coscinodiscus excentricus				
Coscinodiscus granulosus?				
Coscinodiscus lineatus				
Coscinodiscus marginatus				
Coscinodiscus nitidus				
Coscinodiscus oculus-iridis			1	366824.3
Coscinodiscus radiatus				
Cyclotella caspia				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Cyclotella glomerata				
Cyclotella kutzingiana				
Cyclotella meneghiniana	1	8976.8		
Cyclotella pseudostelligera				
Cyclotella sp.				
Cyclotella stelligera				
Cyclotella striata	250	47594.9		
Cylindrotheca (Nitzschia) closterium				
Cymbella sinuata				
Diatoma vulgare				
Diploneis sp.				
Ditylum brightwellii				
Entomoneis alata				
Entomoneis paludosa				
Entomoneis sp.				
Eucampia zoodiacus				
Fragilaria crotonensis				
Fragilaria islandica				
Fragilaria pinnata				
Fragilaria sp.				
Fragilaria vaucheriae				
Grammatophora marina				
Gyrosigma balticum				
Gyrosigma fasciola				
Gyrosigma macrum?	1	26685		
Gyrosigma spencerii				
Isthmia nervosa				
Lauderia borealis				
Leptocylindrus danicus				
Leptocylindrus minimus				
Lithodesmium undulatum				
Melosira moniliformis				
Melosira nummuloides				
Melosira sp.				
Melosira varians	8	46785.5		
Navicula arenaria				
Navicula capitata				
Navicula cari				
Navicula distans				
Navicula halophila				
Navicula incertata				
Navicula indifferens				
Navicula (mutica var. undulata) chariatii				
Navicula mutica				
Navicula notha				
Navicula peregrina				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima				
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa	1	1120		
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea	1	4544		
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula			1	2667.7
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stolterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum	340	46716	10	1374
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptotheca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens			1	4601.4
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina	250	20625		
Chlorella salina	500	27200	125	6800
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	1375	5775	3375	10462.5
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus eornis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	375	30937.5		
Chroomonas amphioxeia			31	11690.1
Chroomonas pleurococca?				
Chroomonas salina	500	52000	500	20950
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cryptomonas reflexa</i>	9	10937.7		
<i>Cryptomonas rostrata</i>				
<i>Cryptomonas rostratiformis</i>	2	4813.2		
<i>Cryptomonas</i> sp.				

CYANOPHYCEAE

Anabaena affinis
Anabaena circinalis
Anabaena aequalis
Anabaena flos-aquae
Anabaena sp.
Anacystis sp.
Aphanizomenon flos-aquae
Aphanocapsa delicatissima
Aphanothece sp.
Chroococcus sp.
Dactylococcopsis acicularis
Dactylococcopsis fascicularis
Dactylococcopsis sp.
Lyngbya limnetica
Marssoniella elegans
Merismopedia tenuissima
Oscillatoria agardhii
Oscillatoria limnetica
Oscillatoria lutea
Oscillatoria prolifica
Oscillatoria sp.
Oscillatoria subbrevis
Oscillatoria subtilissima
Phormidium sp.
Schizothrix tenerrima
Synechococcus sp.

DINOPHYCEAE

Ceratium furca
Ceratium minutum
Dinophysis fortii
Dinophysis sp.
Exuviella sp.
Glenodinium sp.
Gonyaulax catenella?
Gonyaulax sp.
Gonyaulax tamarensis
Gonyaulax triacantha
Gymnodinium sp.
Gymnodinium splendens

1 184170.4

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	13	13
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra				
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum miineri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum				
Proto-peridinium brevipes				
Proto-peridinium claudicans				
Proto-peridinium deficiens				
Proto-peridinium depressum				
Proto-peridinium pellucidum?				
Proto-peridinium sp.				
Proto-peridinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.	1	4261.2		
Eutreptia lanowii				
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedir.omonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii				
Pyramimonas micron			25	555
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbio)	1	12485.5		
TOTAL:	212659	605512.1	213536	819561.4

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	18	18
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira (Melosira) ambigua</i>				
<i>Aulacoseira (Melosira) distans</i>				
<i>Aulacoseira (Melosira) granulata</i> var. <i>angustissima</i>				
<i>Aulacoseira (Melosira) granulata</i> var. <i>granulata</i>				
<i>Aulacoseira (Melosira) lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>			0.8	7270.5
<i>Biddulphia longicruris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulatus?</i>				
<i>Coscinodiscus lineatus</i>			0.4	21924.1
<i>Coscinodiscus marginatus</i>			0.8	6718.6
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	18	18
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Cyclotella glomerata				
Cyclotella kutzingiana				
Cyclotella meneghiniana				
Cyclotella pseudostelligera				
Cyclotella sp.				
Cyclotella stelligera				
Cyclotella striata				
Cylindrotheca (Nitzschia) closterium				
Cymbella sinuata				
Diatoma vulgaris				
Diponeis sp.				
Ditylum brightwellii				
Entomoneis alata				
Entomoneis paludosa				
Entomoneis sp.				
Eucampia zoodiacus				
Fragilaria crotonensis				
Fragilaria islandica				
Fragilaria pinnata				
Fragilaria sp.				
Fragilaria vaucheriae				
Grammatophora marina				
Gyrosigma balticum				
Gyrosigma fasciola				
Gyrosigma macrum?				
Gyrosigma spencerii				
Isthmia nervosa				
Lauderia borealis				
Leptocylindrus danicus				
Leptocylindrus minimus				
Lithodesmium undulatum				
Melosira moniliformis				
Melosira nummuloides				
Melosira sp.				
Melosira varians				
Navicula arenaria				
Navicula capitata				
Navicula cari				
Navicula distans				
Navicula halophila				0.8
Navicula incertata				
Navicula indifferens				
Navicula (mutica var. undulata) chartatii				
Navicula mutica				
Navicula notha				
Navicula peregrina				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	18	18
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima	0.4	149.6		
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Bidduphia) mobiliensis				
Paralia sulcata			4	4735.8
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	18	18
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stouterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum				
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptothecha tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens	0.4	1269.2		
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina			62.5	2093.8
Chlorella salina				
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	18	18
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	312.5	1312.5	312.5	662.5
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecomis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	1125	128137.5	125	13762.5
Chroomonas amphioxeia	750	282825	62.5	23568.8
Chroomonas pleurococca?				
Chroomonas salina	5812.5	604500	687.5	25918.8
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	18	18
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

Cryptomonas reflexa
Cryptomonas rostrata
Cryptomonas rostratiformis
Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis
Anabaena circinalis
Anabaena aequalis
Anabaena flos-aquae
Anabaena sp.
Anacystis sp.
Aphanizomenon flos-aquae
Aphanocapsa delicatissima
Aphanothece sp.
Chroococcus sp.
Dactylococcopsis acicularis
Dactylococcopsis fascicularis
Dactylococcopsis sp. 0.4 20.2
Lyngbya limnetica
Marssoniiella elegans
Merismopedia tenuissima
Oscillatoria agardhii
Oscillatoria limnetica
Oscillatoria lutea
Oscillatoria prolifica
Oscillatoria sp.
Oscillatoria subbrevis
Oscillatoria subtilissima
Phormidium sp.
Schizothrix tenerrima
Synechococcus sp.

DINOPHYCEAE

Ceratium furca
Ceratium minutum
Dinophysis fortii
Dinophysis sp.
Exuviella sp.
Glenodinium sp.
Gonyaulax catenella?
Gonyaulax sp.
Gonyaulax tamarensis
Gonyaulax triacantha
Gymnodinium sp.
Gymnodinium splendens

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	13	13	18	18
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Gyrodinium spirale</i>				
<i>Heterocapsa triquetra</i>	1.2	2963.9		
<i>Katodinium rotundatum</i>	8.8	2650.6		
<i>Noctiluca</i> sp.				
<i>Oxytoxum milneri</i>				
<i>Peridinium</i> sp.				
<i>Proocentrum aporum</i>				
<i>Proocentrum gracile</i>				
<i>Proocentrum micans</i>	4.4	35510.6		
<i>Proocentrum minimum</i>				
<i>Proto-peridinium brevipes</i>				
<i>Proto-peridinium claudicans</i>				
<i>Proto-peridinium deficiens</i>				
<i>Proto-peridinium depressum</i>				
<i>Proto-peridinium pellucidum?</i>				
<i>Proto-peridinium</i> sp.				
<i>Proto-peridinium spinulosum</i>				
<i>Pyrocystis</i> sp.				
EUGLENOPHYCEAE				
<i>Euglena acus</i>				
<i>Euglena</i> sp.				
<i>Eutreptia lanowii</i>	0.4	504.7		
<i>Phacus tortus</i>				
<i>Trachelomonas</i> sp.				
PRASINOPHYCEAE				
<i>Nephroselmis pyriformis</i>				
<i>Pedinomonas</i> sp.				
<i>Pseudoscourfieldia marina</i>				
<i>Pyramimonas grossii</i>				
<i>Pyramimonas micron</i>				
<i>Pyramimonas</i> sp. 1				
<i>Pyramimonas</i> sp. 2				
<i>Pyramimonas</i> sp. 3				
<i>Pyramimonas</i> sp. 4				
<i>Pyramimonas</i> sp. 5				
<i>Tetraselmis gracilis</i>				
HOLOTRICH CILIATE				
<i>Mesodinium rubrum</i> (cryptomonad endosymbiont)				
TOTAL:	217871.6	1269680	209666.4	315086.4

*Density = cells/L

*Volume = cubic micrometers/mL

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STATION	18	18	18	18
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira (Melosira) ambigua</i>				
<i>Aulacoseira (Melosira) distans</i>				
<i>Aulacoseira (Melosira) granulata</i> var. <i>angustissi</i>	2	288.2		
<i>Aulacoseira (Melosira) granulata</i> var. <i>granulata</i>				
<i>Aulacoseira (Melosira) lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicuris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina peiagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>			2.4	665
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatulus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulatus?</i>				
<i>Coscinodiscus lineatus</i>				
<i>Coscinodiscus marginatus</i>				
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Cyclotella glomerata				
Cyclotella kutzingiana				
Cyclotella meneghiniana				
Cyclotella pseudostelligera				
Cyclotella sp.				
Cyclotella stelligera				
Cyclotella striata	31.3	8431.7	437.5	83291.1
Cylindrotheca (Nitzschia) closterium			0.4	45.2
Cymbella sinuata				
Diatoma vulgare				
Diploneis sp.				
Dityum brightwellii				
Entomoneis alata				
Entomoneis paludosa				
Entomoneis sp.				
Eucampia zoodiacus				
Fragilaria crotonensis				
Fragilaria islandica				
Fragilaria pinnata				
Fragilaria sp.				
Fragilaria vaucheriae				
Grammatophora marina				
Gyrosigma balticum				
Gyrosigma fasciola				
Gyrosigma macrum?				
Gyrosigma spencerii				
Isthmia nervosa				
Lauderia borealis				
Leptocylindrus danicus				
Leptocylindrus minimus				
Lithodesmium undulatum				
Melosira moniliformis			0.8	8958.2
Melosira nummuloides				
Melosira sp.				
Melosira varians				
Navicula arenaria				
Navicula capitata				
Navicula cari				
Navicula distans			0.4	12239.4
Navicula halophila				
Navicula incertata				
Navicula indifferens				
Navicula (mutica var. undulata) charlatii				
Navicula mutica				
Navicula notha				
Navicula peregrina				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima				
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata	1.6	1894.4		
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera	0.2	627.1	0.8	5106

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stollerfothii				
Rhizosolenia styliiformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum			5.6	981.1
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptothecha tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens				
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula			4	68861.2
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina			62.5	2093.8
Chlorella salina				
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	500	1500	437.5	1837.5
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecomis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSTOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	125	13762.5	250	28475
Chroomonas amphioxeia	62.5	23568.8	23.2	8748.9
Chroomonas pleurococca?				
Chroomonas salina			2312.5	240500
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cryptomonas reflexa</i>				
<i>Cryptomonas rostrata</i>				
<i>Cryptomonas rostratiformis</i>				
<i>Cryptomonas</i> sp.				
CYANOPHYCEAE				
<i>Anabaena affinis</i>				
<i>Anabaena circinalis</i>				
<i>Anabaena aequalis</i>				
<i>Anabaena flos-aquae</i>				
<i>Anabaena</i> sp.				
<i>Anacystis</i> sp.				
<i>Aphanizomenon flos-aquae</i>				
<i>Aphanocapsa delicatissima</i>				
<i>Aphanothece</i> sp.				
<i>Chroococcus</i> sp.				
<i>Dactylococcopsis acicularis</i>				
<i>Dactylococcopsis fascicularis</i>				
<i>Dactylococcopsis</i> sp.			0.4	15.9
<i>Lyngbya limnetica</i>				
<i>Marssoniella elegans</i>				
<i>Merismopedia tenuissima</i>				
<i>Oscillatoria agardhii</i>				
<i>Oscillatoria limnetica</i>				
<i>Oscillatoria lutea</i>				
<i>Oscillatoria prolifica</i>				
<i>Oscillatoria</i> sp.				
<i>Oscillatoria subbrevis</i>				
<i>Oscillatoria subtilissima</i>				
<i>Phormidium</i> sp.				
<i>Schizothrix tenerrima</i>				
<i>Synechococcus</i> sp.				
DINOPHYCEAE				
<i>Ceratium furca</i>				
<i>Ceratium minutum</i>				
<i>Dinophysis fortii</i>				
<i>Dinophysis</i> sp.				
<i>Exuviella</i> sp.				
<i>Glenodinium</i> sp.				
<i>Gonyaulax catenella?</i>				
<i>Gonyaulax</i> sp.				
<i>Gonyaulax tamarensis</i>			0.4	5202.3
<i>Gonyaulax triacantha</i>				
<i>Gymnodinium</i> sp.				
<i>Gymnodinium splendens</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra				
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum milneri	0.4	3464.1	0.4	799.1
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum			0.4	792.1
Protoperidinium brevipes				
Protoperidinium claudicans			1.6	1103
Protoperidinium deficiens				
Protoperidinium depressum			0.4	5202.3
Protoperidinium pellucidum?				
Protoperidinium sp.				
Protoperidinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii				
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii			3.6	4433.8
Pyramimonas micron			437.5	9712.5
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbiont)			0.4	9070.5
TOTAL:	209253	262066.8	212680.7	706831.9

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>			1	16984.5
<i>Aulacoseira</i> (<i>Melosira</i>) <i>ambigua</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>distans</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>granulata</i> var. <i>angustissima</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>granulata</i> var. <i>granulata</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicruris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>			2	769.6
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>			8	5762.4
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatulus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulatus</i> ?				
<i>Coscinodiscus lineatus</i>	5	64782	1	41232.2
<i>Coscinodiscus marginatus</i>				
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Cyclotella glomerata				
Cyclotella kutzingiana				
Cyclotella meneghiniana			15	129333.7
Cyclotella pseudostelligera				
Cyclotella sp.				
Cyclotella stelligera				
Cyclotella striata	15.6	3134.9	1000	81500
Cylindrotheca (Nitzschia) closterium			15.6	436.8
Cymbella sinuata				
Diatoma vulgaris				
Diploneis sp.				
Ditylum brightwellii				
Entomoneis alata				
Entomoneis paludosa				
Entomoneis sp.				
Eucampia zoodiacus				
Fragilaria crotonensis				
Fragilaria islandica				
Fragilaria pinnata				
Fragilaria sp.				
Fragilaria vaucheriae				
Grammatophora marina				
Gyrosigma balticum	1	19816.8		
Gyrosigma fasciola				
Gyrosigma macrum?				
Gyrosigma spencerii				
Isthmia nervosa				
Lauderia borealis				
Leptocylindrus danicus				
Leptocylindrus minimus				
Lithodesmium undulatum				
Melosira moniliformis				
Melosira nummuloides				
Melosira sp.			14	60799.2
Melosira varians				
Navicula arenaria				
Navicula capitata				
Navicula cari				
Navicula distans				
Navicula halophila				
Navicula incertata				
Navicula indifferens				
Navicula (mutica var. undulata) charlatii				
Navicula mutica				
Navicula notha				
Navicula peregrina				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor			1	34937
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima	3	1122	3	1122
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea			3	1620
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa			1	1120
Nitzschia seriata**			22	58795
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobilensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stolterfothii				
Rhizosolenia styliformis				
Rhicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum	114	9291	302	41497.6
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptothecca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens			10	16209
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina				
Chlorella salina	375	20385		
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	1625	6825	1875	7875
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecornis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	125	14237.5	500	41250
Chroomonas amphioxeia	250	94275	875	329962.5
Chroomonas pleurococca?				
Chroomonas salina	500	52000	500	52000
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

Cryptomonas reflexa
Cryptomonas rostrata
Cryptomonas rostratiformis
Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis
Anabaena circinalis
Anabaena aequalis
Anabaena flos-aquae
Anabaena sp.
Anacystis sp.
Aphanizomenon flos-aquae
Aphanocapsa delicatissima
Aphanothece sp.
Chroococcus sp.
Dactylococcopsis acicularis
Dactylococcopsis fascicularis
Dactylococcopsis sp.
Lyngbya limnetica
Marssoniiella elegans
Merismopedia tenuissima
Oscillatoria agardhii
Oscillatoria limnetica
Oscillatoria lutea
Oscillatoria prolifica
Oscillatoria sp.
Oscillatoria subbrevis
Oscillatoria subtilissima
Phormidium sp.
Schizothrix tenerrima
Synechococcus sp.

DINOPHYCEAE

Ceratium furca
Ceratium minutum
Dinophysis fortii
Dinophysis sp.
Exuviella sp.
Glenodinium sp.
Gonyaulax catenella?
Gonyaulax sp.
Gonyaulax tamarensis
Gonyaulax triacantha
Gymnodinium sp.
Gymnodinium splendens

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	04/18/95	04/18/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra			1	2469.9
Katodinium rotundatum	5	1506		
Noctiluca sp.				
Oxytoxum milneri			7	63396.2
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum			2	3960.4
Protoperidinium brevipes				
Protoperidinium claudicans			4	50232
Protoperidinium deficiens				
Protoperidinium depressum			3	123009
Protoperidinium pellucidum?				
Protoperidinium sp.				
Protoperidinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii			2	2523.6
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii	1	1231.6	8	9852.8
Pyramimonas micron	250	9843.4	125	4925
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbiont)			10	9852.8
TOTAL:	212219.6	507400.2	214344.6	1402462

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>			6.8	72578.9
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>ambigua</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>distans</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>granulata</i> var. <i>angustissima</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>granulata</i> var. <i>granulata</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicruris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>	187.5	11587.5	31.2	1429
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatulus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulatus?</i>				
<i>Coscinodiscus lineatus</i>	0.8	28501.3	0.4	7439.1
<i>Coscinodiscus marginatus</i>				
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cyclotella glomerata</i>				
<i>Cyclotella kutzingiana</i>				
<i>Cyclotella meneghiniana</i>			12.8	7439.1
<i>Cyclotella pseudostelligera</i>				
<i>Cyclotella</i> sp.				
<i>Cyclotella stelligera</i>				
<i>Cyclotella striata</i>			250	12566
<i>Cylindrotheca (Nitzschia) closterium</i>				
<i>Cymbella sinuata</i>				
<i>Diatoma vulgare</i>				
<i>Diploneis</i> sp.				
<i>Ditylum brightwellii</i>				
<i>Entomoneis alata</i>				
<i>Entomoneis paludosa</i>				
<i>Entomoneis</i> sp.				
<i>Eucampia zoodiacus</i>				
<i>Fragilaria crotonensis</i>				
<i>Fragilaria islandica</i>				
<i>Fragilaria pinnata</i>				
<i>Fragilaria</i> sp.				
<i>Fragilaria vaucheriae</i>				
<i>Grammatophora marina</i>				
<i>Gyrosigma balticum</i>				
<i>Gyrosigma fasciola</i>				
<i>Gyrosigma macrum?</i>				
<i>Gyrosigma spencerii</i>				
<i>Isthmia nervosa</i>				
<i>Lauderia borealis</i>				
<i>Leptocylindrus danicus</i>				
<i>Leptocylindrus minimus</i>				
<i>Lithodesmium undulatum</i>				
<i>Melosira moniliformis</i>				
<i>Melosira nummuloides</i>				
<i>Melosira</i> sp.				
<i>Melosira varians</i>				
<i>Navicula arenaria</i>				
<i>Navicula capitata</i>				
<i>Navicula cari</i>				
<i>Navicula distans</i>				
<i>Navicula halophila</i>				
<i>Navicula incertata</i>				
<i>Navicula indifferens</i>				
<i>Navicula (mutica var. undulata) charlatii</i>				
<i>Navicula mutica</i>				
<i>Navicula notha</i>				
<i>Navicula peregrina</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima	6	2244	7.6	2842.4
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea			16.8	18787.2
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula	2.8	11872.2		
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stoterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum	14.4	1978.6	2	555.2
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptotheca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens	2	12765.4		
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina	187.5	29526.5		
Chlorella salina			1250	41875
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.			12	8883.2
Nannochloris atomus	562.5	1743.8	625	2625
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus eornis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum			1	130
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	750	85425	250	28475
Chroomonas amphioxeia	125	47137.5	125	47175
Chroomonas pleurococca?				
Chroomonas salina	4000	167600	1000	104000
Chroomonas sp.			1562.5	26562.5
Cryptomonas marsonii				
Cryptomonas ovaia				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cryptomonas reflexa</i>				
<i>Cryptomonas rostrata</i>				
<i>Cryptomonas rostratiformis</i>				
<i>Cryptomonas sp.</i>				
CYANOPHYCEAE				
<i>Anabaena affinis</i>				
<i>Anabaena circinalis</i>				
<i>Anabaena aequalis</i>				
<i>Anabaena flos-aquae</i>				
<i>Anabaena sp.</i>				
<i>Anacystis sp.</i>				
<i>Aphanizomenon flos-aquae</i>				
<i>Aphanocapsa delicatissima</i>				
<i>Aphanothece sp.</i>				
<i>Chroococcus sp.</i>				
<i>Dactylococcopsis acicularis</i>				
<i>Dactylococcopsis fascicularis</i>				
<i>Dactylococcopsis sp.</i>				
<i>Lyngbya limnetica</i>				
<i>Marssoniiella elegans</i>				
<i>Merismopedia tenuissima</i>				
<i>Oscillatoria agardhii</i>				
<i>Oscillatoria limnetica</i>				
<i>Oscillatoria lutea</i>				
<i>Oscillatoria prolifica</i>				
<i>Oscillatoria sp.</i>				
<i>Oscillatoria subbrevis</i>				
<i>Oscillatoria subtilissima</i>				
<i>Phormidium sp.</i>				
<i>Schizothrix tenerrima</i>				
<i>Synechococcus sp.</i>				
DINOPHYCEAE				
<i>Ceratium furca</i>			1.2	37808.8
<i>Ceratium minutum</i>				
<i>Dinophysis fortii</i>				
<i>Dinophysis sp.</i>				
<i>Exuviella sp.</i>				
<i>Glenodinium sp.</i>				
<i>Gonyaulax catenella?</i>			1.2	15606
<i>Gonyaulax sp.</i>	18	12900.6	0.8	573.4
<i>Gonyaulax tamarensis</i>				
<i>Gonyaulax triacantha</i>				
<i>Gymnodinium sp.</i>				
<i>Gymnodinium splendens</i>	36.4	6703803		

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	18	18	18	18
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra				
Katodinium rotundatum	15.6	4698.7	0.4	120.5
Noctiluca sp.				
Oxytoxum milneri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans	9.2	74249.5	11.2	90390.7
Prorocentrum minimum				
Proto-peridinium brevipes				
Proto-peridinium claudicans	0.4	5023.2		
Proto-peridinium deficiens				
Proto-peridinium depressum			0.8	32802.4
Proto-peridinium pellucidum?				
Proto-peridinium sp.				
Proto-peridinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii	1.2	1514.2	1.2	1514.2
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscurfieldia marina				
Pyramimonas grossii	0.4	492.6		
Pyramimonas micron				
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbio	2.4	29965.2		
TOTAL:	215418.1	7442524	215055.9	772064.6

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

Achnanthes clevei				
Achnanthes lanceolata				
Achnanthes linearis				
Achnanthes microcephala				
Achnanthes minutissima				
Achnanthes sp.				
Actinoptychus senarius				
Amphora sp.				
Asterionella bleakeleyi				
Asterionella glacialis				
Aulacoseira (Melosira) ambigua				
Aulacoseira (Melosira) distans				
Aulacoseira (Melosira) granulata var. angustissi	1.2	591.4		
Aulacoseira (Melosira) granulata var. granulata				
Aulacoseira (Melosira) lirata				
Aulacoseira sp.				
Bacillaria paxillifer				
Biddulphia alternans				
Biddulphia aurita				
Biddulphia longicuris var. hyalina				
Biddulphia pulchella				
Caloneis amphisbaena				
Cerataulina pelagica				
Chaetoceros compressus				
Chaetoceros costatus				
Chaetoceros debile				
Chaetoceros decipiens				
Chaetoceros didymus				
Chaetoceros gracilis				
Chaetoceros socialis				
Chaetoceros vistulae				
Chaetoceros wighami				
Cocconeis placentula				
Cocconeis scutellum				
Coscinodiscus concinnus				
Coscinodiscus curvatus				
Coscinodiscus excentricus			3.2	86014.3
Coscinodiscus granulatus?				
Coscinodiscus lineatus	0.4	7219		
Coscinodiscus marginatus	2	8270		
Coscinodiscus nitidus				
Coscinodiscus oculus-iridis				
Coscinodiscus radiatus				
Cyclotella caspia				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Cyclotella glomerata				
Cyclotella kutzingiana				
Cyclotella meneghiniana				
Cyclotella pseudostelligera				
Cyclotella sp.				
Cyclotella stelligera				
Cyclotella striata	187.5	31800	125	4712.3
Cylindrotheca (Nitzschia) closterium				
Cymbella sinuata				
Diatoma vulgaris				
Diploneis sp.				
Ditylum brightwellii				
Entomoneis alata				
Entomoneis paludosa				
Entomoneis sp.				
Eucampia zoodiacus				
Fragilaria crotonensis				
Fragilaria islandica				
Fragilaria pinnata				
Fragilaria sp.				
Fragilaria vaucheriae				
Grammatophora marina	15.6	52312.4		
Gyrosigma balticum				
Gyrosigma fasciola				
Gyrosigma macrum?				
Gyrosigma spencerii				
Isthmia nervosa				
Lauderia borealis				
Leptocylindrus danicus				
Leptocylindrus minimus				
Lithodesmium undulatum				
Melosira moniliformis				
Melosira nummuloides				
Melosira sp.				
Melosira varians				
Navicula arenaria				
Navicula capitata				
Navicula cari				
Navicula distans				
Navicula halophila	9262.6			
Navicula incertata				
Navicula indifferens				
Navicula (mutica var. undulata) charlatii				
Navicula mutica				
Navicula notha				
Navicula peregrina				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima			0.4	251
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata	18.4	12138.5	0.8	947.2
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragillissima				
Rhizosolenia setigera	0.4	6179.4		

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stolterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum				
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptothecca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens			1.6	3023.5
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula			1.6	7853.8
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina	437.5	14656.3		
Chlorella salina				
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum	1.2	107		
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	750	1600	3625	7275
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus eornis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	1062.5	116981.3	750	82575
Chroomonas amphioxeia	1250	471375	562.5	212118.8
Chroomonas pleurococca?				
Chroomonas salina	1312.5	32287.5	10500	258300
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

Cryptomonas reflexa
Cryptomonas rostrata
Cryptomonas rostratiformis
Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis
Anabaena circinalis
Anabaena aequalis
Anabaena flos-aquae
Anabaena sp.
Anacystis sp.
Aphanizomenon flos-aquae
Aphanocapsa delicatissima
Aphanothece sp.
Chroococcus sp.
Dactylococcopsis acicularis
Dactylococcopsis fascicularis
Dactylococcopsis sp.
Lyngbya limnetica
Marssonella elegans
Merismopedia tenuissima
Oscillatoria agardhii
Oscillatoria limnetica
Oscillatoria lutea
Oscillatoria prolifica
Oscillatoria sp.
Oscillatoria subbrevis
Oscillatoria subtilissima
Phormidium sp.
Schizothrix tenerrima
Synechococcus sp.

15.2 428.6

DINOPHYCEAE

Ceratium furca
Ceratium minutum
Dinophysis fortii
Dinophysis sp.
Exuviella sp.
Glenodinium sp.
Gonyaulax catenella?
Gonyaulax sp.
Gonyaulax tamarensis
Gonyaulax triacantha
Gymnodinium sp.
Gymnodinium splendens

0.4 5626.3

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	01/18/95	01/18/95	02/07/95	02/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra			2	6310.6
Katodinium rotundatum			15.6	6110.5
Noctiluca sp.				
Oxytoxum milneri	0.4	3464.1		
Peridinium sp.				
Proocentrum aporum				
Proocentrum gracile				
Proocentrum micans				
Proocentrum minimum				
Proto-peridinium brevipes				
Proto-peridinium claudicans				
Proto-peridinium deficiens				
Proto-peridinium depressum				
Proto-peridinium pellucidum?				
Proto-peridinium sp.				
Proto-peridinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.	15.6	12174.2		
Eutreptia lanowii			0.4	247.3
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii				
Pyramimonas micron	812.5	44200	937.5	51000
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbio)	2	15842.2	4.8	38021.3
TOTAL:	223611.5	1040091	225114.8	978970.9

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	29	29
DATE	03/07/95	03/07/95	04/19/95	04/19/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

Achnanthes clevei				
Achnanthes lanceolata				
Achnanthes linearis				
Achnanthes microcephala				
Achnanthes minutissima				
Achnanthes sp.				
Actinoptychus senarius				
Amphora sp.				
Asterionella bleakeleyi				
Asterionella glacialis				
Aulacoseira (Melosira) ambigua				
Aulacoseira (Melosira) distans				
Aulacoseira (Melosira) granulata var. angustissima				
Aulacoseira (Melosira) granulata var. granulata				
Aulacoseira (Melosira) lirata				
Aulacoseira sp.				
Bacillaria paxillifer				
Biddulphia alternans				
Biddulphia aurita				
Biddulphia longicuris var. hyalina				
Biddulphia pulchella				
Caloneis amphisbaena				
Cerataulina pelagica				
Chaetoceros compressus				
Chaetoceros costatus				
Chaetoceros debile				
Chaetoceros decipiens				
Chaetoceros didymus	1	47.1		
Chaetoceros gracilis				
Chaetoceros socialis				
Chaetoceros vistulae				
Chaetoceros wighami	58	16071.8		
Cocconeis placentula				
Cocconeis scutellum				
Coscinodiscus concinnus				
Coscinodiscus curvatulus				
Coscinodiscus excentricus				
Coscinodiscus granulosus?				
Coscinodiscus lineatus	1	49493.9	3	3223349
Coscinodiscus marginatus				
Coscinodiscus nitidus				
Coscinodiscus oculus-iridis				
Coscinodiscus radiatus				
Cyclotella caspia				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	29	29
DATE	03/07/95	03/07/95	04/19/95	04/19/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Cyclotella glomerata				
Cyclotella kutzingiana				
Cyclotella meneghiniana				
Cyclotella pseudostelligera				
Cyclotella sp.				
Cyclotella stelligera				
Cyclotella striata	125	23797.5		
Cylindrotheca (Nitzschia) closterium				
Cymbella sinuata				
Diatoma vulgare				
Diploneis sp.				
Ditylum brightwellii	13	522640.3	2	2049841
Entomoneis alata				
Entomoneis paludosa				
Entomoneis sp.				
Eucampia zoodiacus				
Fragilaria crotonensis				
Fragilaria islandica				
Fragilaria pinnata				
Fragilaria sp.				
Fragilaria vaucheriae				
Grammatophora marina				
Gyrosigma balticum			1	19816.8
Gyrosigma fasciola				
Gyrosigma macrum?				
Gyrosigma spencerii				
Isthmia nervosa				
Lauderia borealis				
Leptocylindrus danicus				
Leptocylindrus minimus				
Lithodesmium undulatum				
Melosira moniliformis				
Melosira nummuloides				
Melosira sp.				
Melosira varians				
Navicula arenaria				
Navicula capitata				
Navicula cari				
Navicula distans				
Navicula halophila				
Navicula incertata				
Navicula indifferens				
Navicula (mutica var. undulata) charlatii				
Navicula mutica				
Navicula notha				
Navicula peregrina				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	29	29
DATE	03/07/95	03/07/95	04/19/95	04/19/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima	1	374		
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata	6	10602.6	12	21205.2
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera	3	15541.8		

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	29	29
DATE	03/07/95	03/07/95	04/19/95	04/19/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stolterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum	647	113354.4		
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptotheca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens				
Thalassiosira gravida				
Thalassiosira nordenskioldii	5	2078		
Thalassiosira rotula	1622	26843289	1	15489.6
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina	62.5	5152.9		
Chlorella salina			250	13600
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	29	29
DATE	03/07/95	03/07/95	04/19/95	04/19/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	3750	15750	26750	112350
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus eornis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chryscococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	125	14237.5	3750	427125
Chroomonas amphioxeia	500	188550	13	4902.3
Chroomonas pleurococca?				
Chroomonas salina	3125	325000	1250	130000
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	29	29
DATE	03/07/95	03/07/95	04/19/95	04/19/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

Cryptomonas reflexa
Cryptomonas rostrata
Cryptomonas rostratiformis
Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis
Anabaena circinalis
Anabaena aequalis
Anabaena flos-aquae
Anabaena sp.
Anacystis sp.
Aphanizomenon flos-aquae
Aphanocapsa delicatissima
Aphanothece sp.
Chroococcus sp.
Dactylococcopsis acicularis
Dactylococcopsis fascicularis
Dactylococcopsis sp.
Lyngbya limnetica
Marssoniella elegans
Merismopedia tenuissima
Oscillatoria agardhii
Oscillatoria limnetica
Oscillatoria lutea
Oscillatoria prolifica
Oscillatoria sp.
Oscillatoria subbrevis
Oscillatoria subtilissima
Phormidium sp.
Schizothrix tenerrima
Synechococcus sp.

DINOPHYCEAE

Ceratium furca
Ceratium minutum
Dinophysis fortii
Dinophysis sp.
Exuviella sp.
Glenodinium sp.
Gonyaulax catenella?
Gonyaulax sp. 15 22665
Gonyaulax tamarensis 1 13005.7 2 10908
Gonyaulax triacantha
Gymnodinium sp.
Gymnodinium splendens

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	29	29
DATE	03/07/95	03/07/95	04/19/95	04/19/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra	20	49398	36	88905.6
Katodinium rotundatum			20	6024
Noctiluca sp.				
Oxytoxum milneri			6	54339.6
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum	5	9901	35	69307
Protoperidinium brevipes				
Protoperidinium claudicans			93	1170684
Protoperidinium deficiens				
Protoperidinium depressum			2	33003.8
Protoperidinium pellucidum?				
Protoperidinium sp.				
Protoperidinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii	8	4746.4		
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedionomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii	9	11084.4	3	3694.8
Pyramimonas micron	875	47600	3000	163200
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbio)	1	22676.3	70	469603.6
TOTAL:	219715.5	28513145	244336	8319037

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>ambigua</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>distans</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>granulata</i> var. <i>angustissima</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>granulata</i> var. <i>granulata</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicuris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatus</i>				
<i>Coscinodiscus excentricus</i>	1	331428.3		
<i>Coscinodiscus granulatus?</i>				
<i>Coscinodiscus lineatus</i>				
<i>Coscinodiscus marginatus</i>				
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cyclotella glomerata</i>				
<i>Cyclotella kutzingiana</i>				
<i>Cyclotella meneghiniana</i>				
<i>Cyclotella pseudostelligera</i>				
<i>Cyclotella</i> sp.				
<i>Cyclotella stelligera</i>				
<i>Cyclotella striata</i>			15.6	2970.2
<i>Cylindrotheca (Nitzschia) closterium</i>				
<i>Cymbella sinuata</i>				
<i>Diatoma vulgare</i>				
<i>Diploneis</i> sp.				
<i>Ditylum brightwellii</i>				
<i>Entomoneis alata</i>				
<i>Entomoneis paludosa</i>				
<i>Entomoneis</i> sp.				
<i>Eucampia zoodiacus</i>				
<i>Fragilaria crotonensis</i>				
<i>Fragilaria islandica</i>				
<i>Fragilaria pinnata</i>				
<i>Fragilaria</i> sp.				
<i>Fragilaria vaucheriae</i>				
<i>Grammatophora marina</i>				
<i>Gyrosigma balticum</i>				
<i>Gyrosigma fasciola</i>				
<i>Gyrosigma macrum?</i>				
<i>Gyrosigma spencerii</i>				
<i>Isthmia nervosa</i>				
<i>Lauderia borealis</i>				
<i>Leptocylindrus danicus</i>				
<i>Leptocylindrus minimus</i>				
<i>Lithodesmium undulatum</i>				
<i>Melosira moniliformis</i>			1.6	2940.4
<i>Melosira nummuloides</i>				
<i>Melosira</i> sp.				
<i>Melosira varians</i>				
<i>Navicula arenaria</i>				
<i>Navicula capitata</i>				
<i>Navicula cari</i>				
<i>Navicula distans</i>				
<i>Navicula halophila</i>				
<i>Navicula incertata</i>				
<i>Navicula indifferens</i>				
<i>Navicula (mutica var. undulata) charlatii</i>				
<i>Navicula mutica</i>				
<i>Navicula notha</i>				
<i>Navicula peregrina</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima				
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

Rhizosolenia stotterfothii
Rhizosolenia styliiformis
Rhoicosphenia abbreviata
Rhopalodia gibba
Schroederella delicatula
Skeletonema costatum
Skeletonema sp.
Cyclostephanos (Stephanodiscus) dubius
Stephanodiscus hantzschii
Stephanodiscus sp.
Stephanopyxis sp.
Streptotheca tamesis
Fragilaria (Synedra) delicatissima
Fragilaria (Synedra) capucina var. *radians*
Fragilaria (Synedra) capucina var. *rumpens*
Fragilaria (Synedra) sp. 1
Fragilaria (Synedra) sp. 2
Fragilaria (Synedra) ulna
Synedra undulata
Thalassionema nitzschioides
Thalassiosira decipiens
Thalassiosira gravida
Thalassiosira nordenskioldii
Thalassiosira rotula
Thalassiosira subtilis
Thalassiosira (fluviatilis) weissflogii
Thalassiothrix frauenfeldii
Thalassiothrix sp.
Tropidoneis sp.

CHLOROPHYCEAE

Actinastrum hantzschii
Chlamydomonas sp. 1
Chlamydomonas sp. 2
Chlorella marina
Chlorella salina
Chlorella sp.
Chlorococcum sp.
Chlorogonium sp.
Choricystis sp.
Closterium sp.
Coelastrum sphaericum
Coelastrum sp.
Crucigenia tetrapedia
Dimorphococcus cordatus
Eudorina elegans

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	250	1050		
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecomis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	375	30937.5	1426.8	162512.5
Chroomonas amphioxeia	125	47137.5	34.8	13123.1
Chroomonas pleurococca?				
Chroomonas salina	1250	130000	7187.5	301156.3
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	27	27
DATE	05/02/95	05/02/95	07/18/95	07/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra	6	14819.4		
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum milneri	7	63396.2		
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum	4	7920.8		
Protoperidinium brevipes				
Protoperidinium claudicans	2	25116		
Protoperidinium deficiens				
Protoperidinium depressum				
Protoperidinium pellucidum?				
Protoperidinium sp.				
Protoperidinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii				
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii	1	1231.6		
Pyramimonas micron	250	9850		
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbio	206	931144.3	0.4	4994.2
TOTAL:	211567	1804553	218216.7	697246.7

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	32	32
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>ambigua</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>distans</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>granulata</i> var. <i>angustissima</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>granulata</i> var. <i>granulata</i>				
<i>Aulacoseira</i> (<i>Melosira</i>) <i>lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicuris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>	15.6	330.5		
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatulus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulatus?</i>				
<i>Coscinodiscus lineatus</i>				
<i>Coscinodiscus marginatus</i>			3.2	15079.4
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	32	32
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cyclotella glomerata</i>				
<i>Cyclotella kutzingiana</i>				
<i>Cyclotella meneghiniana</i>	1.6	841.9		
<i>Cyclotella pseudostelligera</i>				
<i>Cyclotella</i> sp.				
<i>Cyclotella stelligera</i>				
<i>Cyclotella striata</i>			250	24550
<i>Cylindrotheca (Nitzschia) closterium</i>			15.6	326
<i>Cymbella sinuata</i>				
<i>Diatoma vulgare</i>				
<i>Diploneis</i> sp.				
<i>Ditylum brightwellii</i>				
<i>Entomoneis aiata</i>				
<i>Entomoneis paludosa</i>				
<i>Entomoneis</i> sp.				
<i>Eucampia zoodiacus</i>				
<i>Fragilaria crotonensis</i>				
<i>Fragilaria islandica</i>				
<i>Fragilaria pinnata</i>				
<i>Fragilaria</i> sp.				
<i>Fragilaria vaucheriae</i>				
<i>Grammatophora marina</i>				
<i>Gyrosigma balticum</i>				
<i>Gyrosigma fasciola</i>				
<i>Gyrosigma macrum?</i>				
<i>Gyrosigma spencerii</i>				
<i>Isthmia nervosa</i>				
<i>Lauderia borealis</i>				
<i>Leptocylindrus danicus</i>				
<i>Leptocylindrus minimus</i>				
<i>Lithodesmium undulatum</i>				
<i>Melosira moniliformis</i>				
<i>Melosira nummuloides</i>				
<i>Melosira</i> sp.				
<i>Melosira varians</i>				
<i>Navicula arenaria</i>				
<i>Navicula capitata</i>				
<i>Navicula cari</i>				
<i>Navicula distans</i>				
<i>Navicula halophila</i>				
<i>Navicula incertata</i>				
<i>Navicula indifferens</i>				
<i>Navicula (mutica var. undulata) charlatii</i>				
<i>Navicula mutica</i>				
<i>Navicula notha</i>				
<i>Navicula peregrina</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	32	32
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima			0.4	183.8
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1	0.8	227		
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata			2.8	1847.2
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula	1.6	5032.6		
Rhizosolenia fragilissima				
Rhizosolenia setigera			1.2	7195.2

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	32	32
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stoterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum	27.2	7550.3		
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptotheca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens	0.4	1722.5		
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii			1.2	15267.7
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina				
Chlorella salina				
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	32	32
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	375	1575	8000	20200
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecomis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.	125	525		
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	375	42712.5	250	27525
Chroomonas amphioxeia	4.8	1810.1	125	47137.5
Chroomonas pleurococca?				
Chroomonas salina	7437.5	311631.3	1750	43050
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	32	32
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cryptomonas reflexa</i>				
<i>Cryptomonas rostrata</i>				
<i>Cryptomonas rostratiformis</i>				
<i>Cryptomonas sp.</i>				
CYANOPHYCEAE				
<i>Anabaena affinis</i>				
<i>Anabaena circinalis</i>				
<i>Anabaena aequalis</i>				
<i>Anabaena flos-aquae</i>				
<i>Anabaena sp.</i>				
<i>Anacystis sp.</i>				
<i>Aphanizomenon flos-aquae</i>				
<i>Aphanocapsa delicatissima</i>				
<i>Aphanothece sp.</i>				
<i>Chroococcus sp.</i>				
<i>Dactylococcopsis acicularis</i>				
<i>Dactylococcopsis fascicularis</i>				
<i>Dactylococcopsis sp.</i>				
<i>Lyngbya limnetica</i>				
<i>Marssoniiella elegans</i>				
<i>Merismopedia tenuissima</i>				
<i>Oscillatoria agardhii</i>				
<i>Oscillatoria limnetica</i>				
<i>Oscillatoria lutea</i>				
<i>Oscillatoria prolifica</i>				
<i>Oscillatoria sp.</i>			28	968.8
<i>Oscillatoria subbrevis</i>				
<i>Oscillatoria subtilissima</i>				
<i>Phormidium sp.</i>				
<i>Schizothrix tenerrima</i>				
<i>Synechococcus sp.</i>				
DINOPHYCEAE				
<i>Ceratium furca</i>				
<i>Ceratium minutum</i>				
<i>Dinophysis fortii</i>				
<i>Dinophysis sp.</i>				
<i>Exuviella sp.</i>				
<i>Glenodinium sp.</i>				
<i>Gonyaulax catenella?</i>	0.4	5202		
<i>Gonyaulax sp.</i>				
<i>Gonyaulax tamarensis</i>				
<i>Gonyaulax triacantha</i>				
<i>Gymnodinium sp.</i>				
<i>Gymnodinium splendens</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	27	27	32	32
DATE	09/21/95	09/21/95	01/18/95	01/18/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra				
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum milneri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans	0.4	3228.2		
Prorocentrum minimum				
Protoperidinium brevipes				
Protoperidinium claudicans				
Protoperidinium deficiens				
Protoperidinium depressum				
Protoperidinium pellucidum?				
Protoperidinium sp.				
Protoperidinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii				
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscurfieldia marina				
Pyramimonas grossii				
Pyramimonas micron			500	41250
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbio	0.4	4994.2	0.4	3168.6
TOTAL:	218305.7	592328.9	219421.8	456243.2

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	33	33
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira (Melosira) ambigua</i>				
<i>Aulacoseira (Melosira) distans</i>				
<i>Aulacoseira (Melosira) granulata</i> var. <i>angustissima</i>				
<i>Aulacoseira (Melosira) granulata</i> var. <i>granulata</i>				
<i>Aulacoseira (Melosira) lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>	0.8	2827.4		
<i>Biddulphia longicuris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>			2	94.2
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>			875	242462.5
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatus</i>				
<i>Coscinodiscus excentricus</i>	0.4	10798.7		
<i>Coscinodiscus granulatus</i> ?				
<i>Coscinodiscus lineatus</i>	1.2	208404.4		
<i>Coscinodiscus marginatus</i>	2.8	13194.3		
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>			2	101016.8
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	33	33
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Cyclotella glomerata				
Cyclotella kutzingiana				
Cyclotella meneghiniana	0.8	502.6		
Cyclotella pseudostelligera				
Cyclotella sp.				
Cyclotella stelligera				
Cyclotella striata	15.6	1271.4		
Cylindrotheca (Nitzschia) closterium				
Cymbella sinuata				
Diatoma vulgaris				
Diploneis sp.				
Ditylum brightwellii			30	5188938
Entomoneis alata				
Entomoneis paludosa				
Entomoneis sp.				
Eucampia zoodiacus				
Fragilaria crotonensis				
Fragilaria islandica				
Fragilaria pinnata				
Fragilaria sp.				
Fragilaria vaucheriae				
Grammatophora marina				
Gyrosigma balticum			1	19816.8
Gyrosigma fasciola				
Gyrosigma macrum?				
Gyrosigma spencerii				
Isthmia nervosa				
Lauderia borealis				
Leptocylindrus danicus				
Leptocylindrus minimus				
Lithodesmium undulatum				
Melosira moniliformis				
Melosira nummuloides				
Melosira sp.				
Melosira varians				
Navicula arenaria				
Navicula capitata				
Navicula cari				
Navicula distans				
Navicula halophila				
Navicula incertata				
Navicula indifferens				
Navicula (mutica var. undulata) charlatii				
Navicula mutica				
Navicula notha				
Navicula peregrina				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	33	33
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima				
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata	10.4	12313.6		
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum	0.4	4560.8		
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1	0.2	334		
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragillissima	0.4	2779.5		
Rhizosolenia setigera	1.2	3762.5		

*Density = cells/L

**Volume = cubic micrometers/mL

STATION	32	32	33	33
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stolterfothii				
Rhizosolenia styliiformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum			15250	2671800
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptotheca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens				
Thalassiosira gravida				
Thalassiosira nordenskioldii	3.2	564.1		
Thalassiosira rotula	0.4	7740.7	2321	39956669
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina	250	13600		
Chlorella salina				
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	33	33
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum			375	2356.1
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	7000	18300	10625	44625
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecornis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.			62.5	160.8
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	2125	233962.5	875	99662.5
Chroomonas amphioxeia	312.5	117843.8	5	1885.5
Chroomonas pleurococca?				
Chroomonas salina	4687.5	115312.5	5375	559000
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	33	33
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

Cryptomonas reflexa
Cryptomonas rostrata
Cryptomonas rostriformis
Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis
Anabaena circinalis
Anabaena aequalis
Anabaena flos-aquae
Anabaena sp.
Anacystis sp.
Aphanizomenon flos-aquae
Aphanocapsa delicatissima
Aphanothece sp.
Chroococcus sp.
Dactylococcopsis acicularis
Dactylococcopsis fascicularis
Dactylococcopsis sp.
Lyngbya limnetica
Marssoniella elegans
Merismopedia tenuissima
Oscillatoria agardhii
Oscillatoria limnetica
Oscillatoria lutea
Oscillatoria prolifica
Oscillatoria sp.
Oscillatoria subbrevis
Oscillatoria subtilissima
Phormidium sp.
Schizothrix tenerrima
Synechococcus sp.

DINOPHYCEAE

Ceratium furca
Ceratium minutum
Dinophysis fortii
Dinophysis sp.
Exuviella sp.
Glenodinium sp.
Gonyaulax catenella?
Gonyaulax sp. 1.2 1256
Gonyaulax tamarensis 6 78034.2
Gonyaulax triacantha
Gymnodinium sp.
Gymnodinium splendens

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	33	33
DATE	02/07/95	02/07/95	03/07/95	03/07/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra	1.2	3559.4	29	91196.3
Katodinium rotundatum	0.8	313.4	62.5	16337.5
Noctiluca sp.				
Oxytoxum milneri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum			1	1980.2
Protoperdinium brevipes				
Protoperdinium claudicans	1.2	7972.8	1	10558
Protoperdinium deficiens				
Protoperdinium depressum				
Protoperdinium pellucidum?				
Protoperdinium sp.				
Protoperdinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii			1	593.3
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii			1	1231.6
Pyramimonas micron			3000	21362.2
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbio	1.2	9505.3		
TOTAL:	223032.4	999293.7	247688	49318569

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	04/19/95	04/19/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira (Melosira) ambigua</i>				
<i>Aulacoseira (Melosira) distans</i>				
<i>Aulacoseira (Melosira) granulata</i> var. <i>angustissima</i>				
<i>Aulacoseira (Melosira) granulata</i> var. <i>granulata</i>				
<i>Aulacoseira (Melosira) lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicruris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatulus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulatus?</i>				
<i>Coscinodiscus lineatus</i>	1	87082.4	1	409258.1
<i>Coscinodiscus marginatus</i>				
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>	3	2382825		
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	04/19/95	04/19/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Cyclotella glomerata				
Cyclotella kutzingiana				
Cyclotella meneghiniana				
Cyclotella pseudostelligera				
Cyclotella sp.				
Cyclotella stelligera				
Cyclotella striata				
Cylindrotheca (Nitzschia) closterium				
Cymbella sinuata				
Diatoma vulgare				
Diploneis sp.				
Dityum brightwellii				
Entomoneis alata				
Entomoneis paludosa				
Entomoneis sp.				
Eucampia zoodiacus				
Fragilaria crotonensis				
Fragilaria islandica				
Fragilaria pinnata				
Fragilaria sp.				
Fragilaria vaucheriae				
Grammatophora marina				
Gyrosigma balticum	1	19816.8		
Gyrosigma fasciola				
Gyrosigma macrum?				
Gyrosigma spencerii				
Isthmia nervosa				
Lauderia borealis				
Leptocylindrus danicus				
Leptocylindrus minimus				
Lithodesmium undulatum				
Melosira moniliformis				
Melosira nummuloides				
Melosira sp.				
Melosira varians				
Navicula arenaria				
Navicula capitata				
Navicula cari				
Navicula distans				
Navicula halophila				
Navicula incertata				
Navicula indifferens				
Navicula (mutica var. undulata) charlatii				
Navicula mutica				
Navicula notha				
Navicula peregrina				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	04/19/95	04/19/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla	3	375.8		
Nitzschia linearis				
Nitzschia longissima				
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata	8	14136.8		
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula				
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	04/19/95	04/19/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stouterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum				
Skeletonema sp.			5	687
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptothecha tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens				
Thalassiosira gravida				
Thalassiosira nordenskiöldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				

CHLOROPHYCEAE

Actinastrum hantzschii		
Chlamydomonas sp. 1		
Chlamydomonas sp. 2		
Chlorella marina		
Chlorella salina	5750	312800
Chlorella sp.		
Chlorococcum sp.		
Chlorogonium sp.		
Choricystis sp.		
Closterium sp.		
Coelastrum sphaericum		
Coelastrum sp.		
Crucigenia tetrapedia		
Dimorphococcus cordatus		
Eudorina elegans		

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	04/19/95	04/19/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum	1	50.3		
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	29500	123900	250	1050
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus ecornis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	3000	341700	500	41250
Chroomonas amphioxeia	9	3393.9		
Chroomonas pleurococca?				
Chroomonas salina	3750	390000	4000	416000
Chroomonas sp.				
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	04/19/95	04/19/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

Cryptomonas reflexa
Cryptomonas rostrata
Cryptomonas rostratiformis
Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis
Anabaena circinalis
Anabaena aequalis
Anabaena flos-aquae
Anabaena sp.
Anacystis sp.
Aphanizomenon flos-aquae
Aphanocapsa delicatissima
Aphanothece sp.
Chroococcus sp.
Dactylococcopsis acicularis
Dactylococcopsis fascicularis
Dactylococcopsis sp.
Lyngbya limnetica
Marssoniella elegans
Merismopedia tenuissima
Oscillatoria agardhii
Oscillatoria limnetica
Oscillatoria lutea
Oscillatoria prolifica
Oscillatoria sp.
Oscillatoria subbrevis
Oscillatoria subtilissima
Phormidium sp.
Schizothrix tenerrima
Synechococcus sp.

DINOPHYCEAE

Ceratium furca
Ceratium minutum
Dinophysis fortii
Dinophysis sp.
Exuviella sp.
Glenodinium sp.
Gonyaulax catenella?
Gonyaulax sp. 9 13599
Gonyaulax tamarensis 3 16362
Gonyaulax triacantha
Gymnodinium sp.
Gymnodinium splendens

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	04/19/95	04/19/95	05/02/95	05/02/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra	28	69148.8		
Katodinium rotundatum	13	3915.6		
Noctiluca sp.				
Oxytoxum milneri	3	27169.8		
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum	56	110891.2		
Proto-peridinium brevipes				
Proto-peridinium claudicans	295	3704610	3	37674
Proto-peridinium deficiens				
Proto-peridinium depressum	4	66007.6		
Proto-peridinium pellucidum?				
Proto-peridinium sp.				
Proto-peridinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii			1	1261.8
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii				
Pyramimonas micron	750	61834.2	750	29550
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbio)	13	87211.8	8	34014.4
TOTAL:	252240	8045871	214636	1179863

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

<i>Achnanthes clevei</i>				
<i>Achnanthes lanceolata</i>				
<i>Achnanthes linearis</i>				
<i>Achnanthes microcephala</i>				
<i>Achnanthes minutissima</i>				
<i>Achnanthes</i> sp.				
<i>Actinoptychus senarius</i>				
<i>Amphora</i> sp.				
<i>Asterionella bleakeleyi</i>				
<i>Asterionella glacialis</i>				
<i>Aulacoseira (Melosira) ambigua</i>				
<i>Aulacoseira (Melosira) distans</i>				
<i>Aulacoseira (Melosira) granulata</i> var. <i>angustissima</i>				
<i>Aulacoseira (Melosira) granulata</i> var. <i>granulata</i>				
<i>Aulacoseira (Melosira) lirata</i>				
<i>Aulacoseira</i> sp.				
<i>Bacillaria paxillifer</i>				
<i>Biddulphia alternans</i>				
<i>Biddulphia aurita</i>				
<i>Biddulphia longicuris</i> var. <i>hyalina</i>				
<i>Biddulphia pulchella</i>				
<i>Caloneis amphisbaena</i>				
<i>Cerataulina pelagica</i>				
<i>Chaetoceros compressus</i>				
<i>Chaetoceros costatus</i>				
<i>Chaetoceros debile</i>				
<i>Chaetoceros decipiens</i>				
<i>Chaetoceros didymus</i>				
<i>Chaetoceros gracilis</i>				
<i>Chaetoceros socialis</i>				
<i>Chaetoceros vistulae</i>				
<i>Chaetoceros wighami</i>				
<i>Cocconeis placentula</i>				
<i>Cocconeis scutellum</i>				
<i>Coscinodiscus concinnus</i>				
<i>Coscinodiscus curvatus</i>				
<i>Coscinodiscus excentricus</i>				
<i>Coscinodiscus granulatus</i> ?				
<i>Coscinodiscus lineatus</i>	1	82191.3		
<i>Coscinodiscus marginatus</i>				
<i>Coscinodiscus nitidus</i>				
<i>Coscinodiscus oculus-iridis</i>				
<i>Coscinodiscus radiatus</i>				
<i>Cyclotella caspia</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
<i>Cyclotella glomerata</i>				
<i>Cyclotella kutzingiana</i>				
<i>Cyclotella meneghiniana</i>				
<i>Cyclotella pseudostelligera</i>				
<i>Cyclotella sp.</i>				
<i>Cyclotella stelligera</i>				
<i>Cyclotella striata</i>			31.2	5939.9
<i>Cylindrotheca (Nitzschia) closterium</i>				
<i>Cymbella sinuata</i>				
<i>Diatoma vulgare</i>				
<i>Diploneis sp.</i>				
<i>Ditylum brightwellii</i>				
<i>Entomoneis alata</i>				
<i>Entomoneis paludosa</i>				
<i>Entomoneis sp.</i>				
<i>Eucampia zoodiacus</i>				
<i>Fragilaria crotonensis</i>				
<i>Fragilaria islandica</i>				
<i>Fragilaria pinnata</i>				
<i>Fragilaria sp.</i>				
<i>Fragilaria vaucheriae</i>				
<i>Grammatophora marina</i>				
<i>Gyrosigma balticum</i>				
<i>Gyrosigma fasciola</i>				
<i>Gyrosigma macrum?</i>				
<i>Gyrosigma spencerii</i>				
<i>Isthmia nervosa</i>				
<i>Lauderia borealis</i>				
<i>Leptocylindrus danicus</i>				
<i>Leptocylindrus minimus</i>				
<i>Lithodesmium undulatum</i>				
<i>Melosira moniliformis</i>				
<i>Melosira nummuloides</i>				
<i>Melosira sp.</i>				
<i>Melosira varians</i>				
<i>Navicula arenaria</i>				
<i>Navicula capitata</i>				
<i>Navicula cari</i>				
<i>Navicula distans</i>				
<i>Navicula halophila</i>				
<i>Navicula incertata</i>				
<i>Navicula indifferens</i>				
<i>Navicula (mutica var. undulata) charlatii</i>				
<i>Navicula mutica</i>				
<i>Navicula notha</i>				
<i>Navicula peregrina</i>				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Navicula pupula				
Navicula sp.				
Navicula subminuscula				
Navicula tripunctata				
Nitzschia acicularis				
Nitzschia (accommodata) palea				
Nitzschia agnewii				
Nitzschia bilobata var. minor				
Nitzschia clausii				
Nitzschia constricta				
Nitzschia dissipata				
Nitzschia fonticola				
Nitzschia frustulum				
Nitzschia gracilis				
Nitzschia hungarica				
Nitzschia inconspicua				
Nitzschia (kuetzingiana) pusilla				
Nitzschia linearis				
Nitzschia longissima				
Nitzschia microcephala				
Nitzschia pacifica				
Nitzschia palea				
Nitzschia paleacea				
Nitzschia panduriformis				
Nitzschia reversa				
Nitzschia seriata**				
Nitzschia sigma var. rigida				
Nitzschia sp. 1				
Nitzschia sp. 2				
Nitzschia(tryblionella var. levidensis) levidensis				
Nitzschia umbonata				
Nitzschia vitrea				
Odontella (Biddulphia) mobiliensis				
Paralia sulcata				
Pinnularia gibba				
Pleurosigma aestuarii				
Pleurosigma angulatum				
Pleurosigma elongatum				
Pleurosigma normanii				
Gyrosigma(Pleurosigma) obscurum				
Pleurosigma sp. 1				
Pleurosigma sp. 2				
Rhizosolenia alata				
Rhizosolenia delicatula	3	5031.5	0.4	1258.2
Rhizosolenia fragilissima				
Rhizosolenia setigera				

*Density = cells/L

**Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Rhizosolenia stouterfothii				
Rhizosolenia styliformis				
Rhoicosphenia abbreviata				
Rhopalodia gibba				
Schroederella delicatula				
Skeletonema costatum				
Skeletonema sp.				
Cyclostephanos (Stephanodiscus) dubius				
Stephanodiscus hantzschii				
Stephanodiscus sp.				
Stephanopyxis sp.				
Streptotheca tamesis				
Fragilaria (Synedra) delicatissima				
Fragilaria (Synedra) capucina var. radians				
Fragilaria (Synedra) capucina var. rumpens				
Fragilaria (Synedra) sp. 1				
Fragilaria (Synedra) sp. 2				
Fragilaria (Synedra) ulna				
Synedra undulata				
Thalassionema nitzschioides				
Thalassiosira decipiens	12	16964.1	0.4	1269.2
Thalassiosira gravida				
Thalassiosira nordenskioldii				
Thalassiosira rotula				
Thalassiosira subtilis				
Thalassiosira (fluviatilis) weissflogii				
Thalassiothrix frauenfeldii				
Thalassiothrix sp.				
Tropidoneis sp.				
CHLOROPHYCEAE				
Actinastrum hantzschii				
Chlamydomonas sp. 1				
Chlamydomonas sp. 2				
Chlorella marina				
Chlorella salina				
Chlorella sp.				
Chlorococcum sp.				
Chlorogonium sp.				
Choricystis sp.				
Closterium sp.				
Coelastrum sphaericum				
Coelastrum sp.				
Crucigenia tetrapedia				
Dimorphococcus cordatus				
Eudorina elegans				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Franceia sp.				
Gloeocystis sp.				
Kirchneriella irregularis var. spiralis				
Kirchneriella lunaris				
Kirchneriella obesa				
Lagerheimia genevensis				
Micractinium pusillum				
Monoraphidium contortum				
Monoraphidium convolutum				
Monoraphidium griffithii				
Monoraphidium minutum				
Monoraphidium pusillum				
Monoraphidium sp.				
Nannochloris atomus	25	105	625	2625
Pediastrum boryanum				
Pediastrum duplex				
Planctonema sp.				
Scenedesmus acuminatus				
Scenedesmus eornis				
Scenedesmus intermedius				
Scenedesmus opoliensis				
Scenedesmus quadricauda				
Schroederia setigera				
Spermatozopsis sp.				
Tetrastrum heteracanthum				
CHRYSOPHYCEAE				
Chromulina sp.				
Chrysococcus sp.				
Chrysochromulina kappa				
Dinobryon divergens				
Dinobryon sociale				
Distephanus speculum				
Kephyrion sp.				
Mallomonas sp.				
Monas sp.				
Ochromonas sp.				
CRYPTOPHYCEAE				
Chroomonas acuta	125	14237.5	437.5	49831.3
Chroomonas amphioxeia	375	141412.5	312.5	117843.8
Chroomonas pleurococca?				
Chroomonas salina	6375	267112.5	13625	1417000
Chroomonas sp.			5937.5	248781.3
Cryptomonas marsonii				
Cryptomonas ovata				

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume

Cryptomonas reflexa
Cryptomonas rostrata
Cryptomonas rostratiformis
Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis
Anabaena circinalis
Anabaena aequalis
Anabaena flos-aquae
Anabaena sp.
Anacystis sp.
Aphanizomenon flos-aquae
Aphanocapsa delicatissima
Aphanothece sp.
Chroococcus sp.
Dactylococcopsis acicularis
Dactylococcopsis fascicularis
Dactylococcopsis sp.
Lyngbya limnetica
Marssoniella elegans
Merismopedia tenuissima
Oscillatoria agardhii
Oscillatoria limnetica
Oscillatoria lutea
Oscillatoria prolifica
Oscillatoria sp.
Oscillatoria subbrevis
Oscillatoria subtilissima
Phormidium sp.
Schizothrix tenerrima
Synechococcus sp.

DINOPHYCEAE

Ceratium furca
Ceratium minutum
Dinophysis fortii
Dinophysis sp.
Exuviella sp.
Glenodinium sp.
Gonyaulax catenella?
Gonyaulax sp. 2 1433.4
Gonyaulax tamarensis
Gonyaulax triacantha
Gymnodinium sp.
Gymnodinium splendens

*Density = cells/L

*Volume = cubic micrometers/mL

STATION	32	32	32	32
DATE	07/18/95	07/18/95	09/21/95	09/21/95
DENSITY/VOLUME*	Density	Volume	Density	Volume
Gyrodinium spirale				
Heterocapsa triquetra				
Katodinium rotundatum				
Noctiluca sp.				
Oxytoxum milneri				
Peridinium sp.				
Prorocentrum aporum				
Prorocentrum gracile				
Prorocentrum micans				
Prorocentrum minimum				
Protoperidinium brevipes				
Protoperidinium claudicans				
Protoperidinium deficiens				
Protoperidinium depressum				
Protoperidinium pellucidum?				
Protoperidinium sp.				
Protoperidinium spinulosum				
Pyrocystis sp.				
EUGLENOPHYCEAE				
Euglena acus				
Euglena sp.				
Eutreptia lanowii				
Phacus tortus				
Trachelomonas sp.				
PRASINOPHYCEAE				
Nephroselmis pyriformis				
Pedinomonas sp.				
Pseudoscourfieldia marina				
Pyramimonas grossii				
Pyramimonas micron				
Pyramimonas sp. 1				
Pyramimonas sp. 2				
Pyramimonas sp. 3				
Pyramimonas sp. 4				
Pyramimonas sp. 5				
Tetraselmis gracilis				
HOLOTRICH CILIATE				
Mesodinium rubrum (cryptomonad endosymbiont)			4.4	54936.2
TOTAL:	216498	738067.8	230943.9	2109455

*Density = cells/L

*Volume = cubic micrometers/mL